

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003078.D
 Acq On : 02 Jul 2020 12:09
 Operator : SY/MD
 Sample : VY0702SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/6/2020 10:43:22 AM

Quant Time: Jul 03 02:55:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	419028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	621752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	569818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	302079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	201973	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	7.72	113	192213	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	10.18	98	701839	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.48	95	249080	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	58330	18.381	ug/l	98
3) Chloromethane	2.12	50	81468	17.531	ug/l	97
4) Vinyl Chloride	2.26	62	88833	19.597	ug/l	99
5) Bromomethane	2.64	94	66752	21.689	ug/l	97
6) Chloroethane	2.79	64	59081	20.488	ug/l	94
7) Trichlorofluoromethane	3.13	101	127207	19.883	ug/l	100
8) Diethyl Ether	3.54	74	44480	20.280	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	78066	20.435	ug/l	100
10) Methyl Iodide	4.10	142	92419	19.510	ug/l	100
11) Tert butyl alcohol	4.96	59	48020	113.219	ug/l	98
12) 1,1-Dichloroethene	3.87	96	73303	20.167	ug/l	88
13) Acrolein	3.74	56	34108	89.538	ug/l	98
14) Allyl chloride	4.49	41	120005	18.910	ug/l	97
15) Acrylonitrile	5.18	53	113312	100.241	ug/l	99
16) Acetone	3.96	43	98081	99.925	ug/l	97
17) Carbon Disulfide	4.20	76	225422	19.411	ug/l	98
18) Methyl Acetate	4.49	43	52606	19.893	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	215642	20.353	ug/l	97
20) Methylene Chloride	4.72	84	117145	22.978	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	83146	20.223	ug/l	95
22) Diisopropyl ether	6.13	45	268214	19.719	ug/l	98
23) Vinyl Acetate	6.07	43	888206	97.673	ug/l	100
24) 1,1-Dichloroethane	6.03	63	147253	19.819	ug/l	98
25) 2-Butanone	6.99	43	159588	102.353	ug/l	98
26) 2,2-Dichloropropane	6.99	77	140385	20.796	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	93466	20.268	ug/l	100
28) Bromochloromethane	7.35	49	59708	18.061	ug/l	94
29) Tetrahydrofuran	7.35	42	100420	96.849	ug/l	97
30) Chloroform	7.52	83	149410	20.298	ug/l	98
31) Cyclohexane	7.79	56	143183	19.561	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	135333	20.142	ug/l	99
36) 1,1-Dichloropropene	7.92	75	120362	20.097	ug/l	100
37) Ethyl Acetate	7.08	43	68368	18.986	ug/l	99
38) Carbon Tetrachloride	7.91	117	123210	19.773	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	146882	19.781	ug/l	98
40) Benzene	8.16	78	329813	20.115	ug/l	100
41) Methacrylonitrile	7.33	41	41095m	21.364	ug/l	
42) 1,2-Dichloroethane	8.24	62	104692	20.184	ug/l	99
43) Isopropyl Acetate	8.28	43	133608	19.518	ug/l	97
44) Trichloroethene	8.94	130	95575	20.055	ug/l	93
45) 1,2-Dichloropropane	9.22	63	88517	20.067	ug/l	91
46) Dibromomethane	9.31	93	49695	20.171	ug/l	99
47) Bromodichloromethane	9.50	83	122596	20.322	ug/l	98
48) Methyl methacrylate	9.30	41	58824	18.879	ug/l	96
49) 1,4-Dioxane	9.30	88	13113	436.017	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	344944	97.493	ug/l	98
52) Toluene	10.24	92	209006	20.250	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	124756	19.725	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	141839	19.609	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	71385	20.851	ug/l	100
56) Ethyl methacrylate	10.51	69	98619	19.900	ug/l	96
57) 1,3-Dichloropropane	10.79	76	122090	20.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	232666	91.540	ug/l	99
59) 2-Hexanone	10.83	43	245254	99.172	ug/l	100
60) Dibromochloromethane	10.99	129	90033	20.550	ug/l	97
61) 1,2-Dibromoethane	11.09	107	69099	20.473	ug/l	100
64) Tetrachloroethene	10.72	164	94613	19.619	ug/l	93
65) Chlorobenzene	11.52	112	229055	20.386	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	89785	20.468	ug/l	99
67) Ethyl Benzene	11.59	91	411359	20.013	ug/l	99
68) m/p-Xylenes	11.70	106	304269	39.773	ug/l	99
69) o-Xylene	12.03	106	148033	20.535	ug/l	96
70) Styrene	12.04	104	247842	20.124	ug/l	98
71) Bromoform	12.20	173	58876	20.128	ug/l	# 98
73) Isopropylbenzene	12.33	105	402202	20.344	ug/l	100
74) N-amyl acetate	12.14	43	124503	19.345	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	83152	20.842	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	59942m	20.050	ug/l	
77) Bromobenzene	12.61	156	100332	19.793	ug/l	99
78) n-propylbenzene	12.67	91	481077	20.234	ug/l	100
79) 2-Chlorotoluene	12.75	91	265165	19.980	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	336396	20.277	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	30030	19.543	ug/l	98
82) 4-Chlorotoluene	12.85	91	279496	20.228	ug/l	100
83) tert-Butylbenzene	13.07	119	294569	20.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	339891	20.332	ug/l	97
85) sec-Butylbenzene	13.25	105	410837	20.462	ug/l	100
86) p-Isopropyltoluene	13.37	119	377697	20.301	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	192225	20.312	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	193042	20.687	ug/l	99
89) n-Butylbenzene	13.70	91	363308	20.409	ug/l	99
90) Hexachloroethane	13.96	117	75526	20.443	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	173765	20.465	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	14659	20.756	ug/l	98

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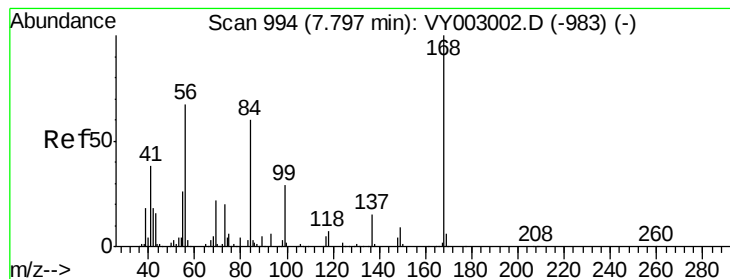
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	130608	20.701	ug/l	100
94) Hexachlorobutadiene	15.11	225	83331	20.939	ug/l	97
95) Naphthalene	15.23	128	241185	20.929	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	113482	20.714	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion:168 Resp: 419028

Ion Ratio Lower Upper

168 100

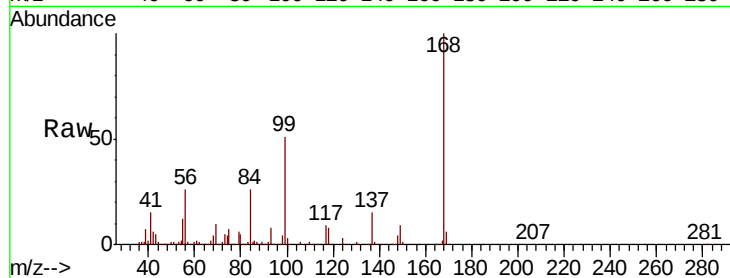
99 50.5 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003078.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003078.D (-945) (-)

7.80

200000

150000

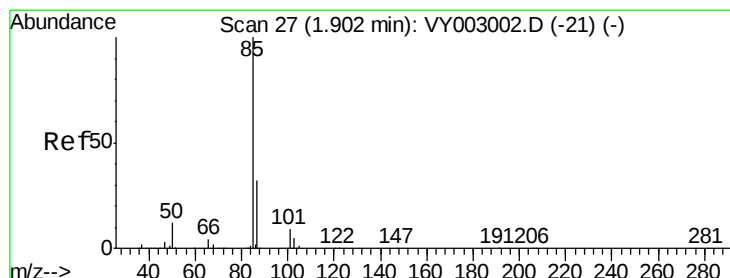
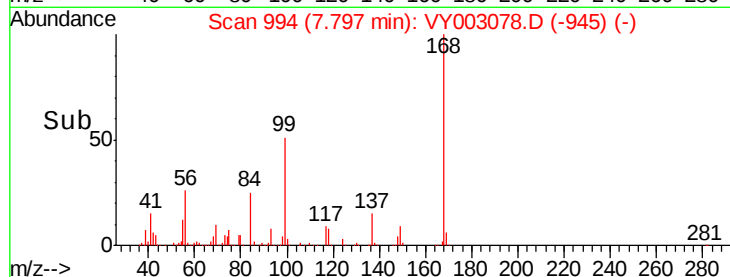
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.381 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003078.D

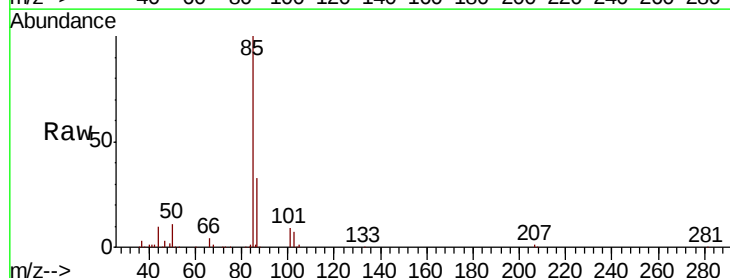
Acq: 02 Jul 2020 12:09

Tgt Ion: 85 Resp: 58330

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003078.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003078.D (-1) (-)

1.91

40000

30000

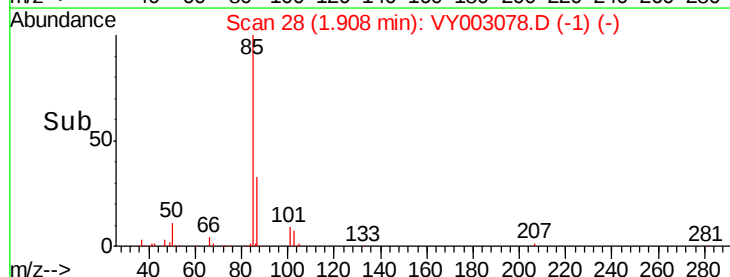
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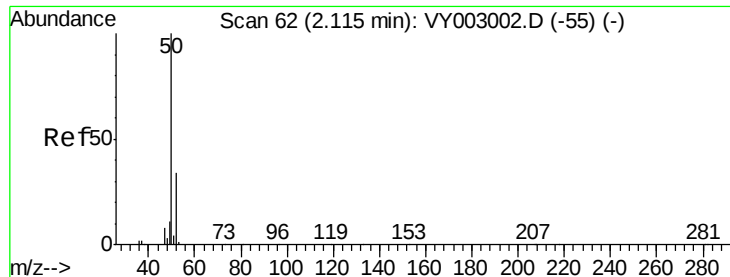
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0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 17.531 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 50 Resp: 81468

Ion Ratio Lower Upper

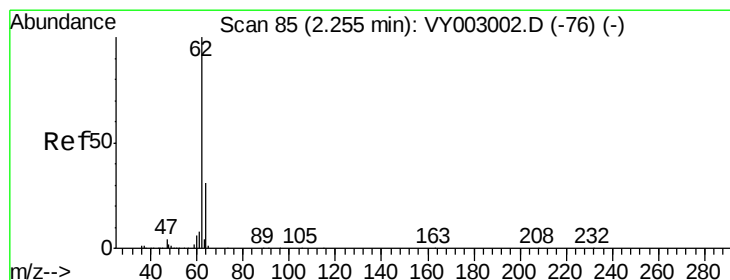
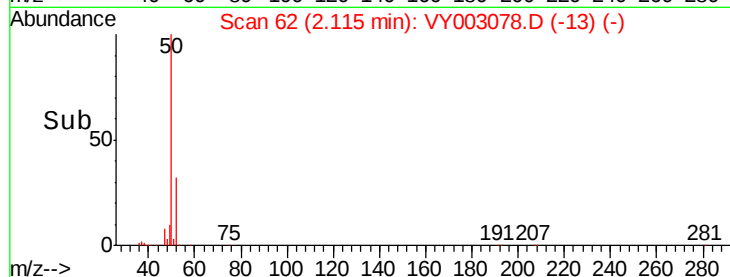
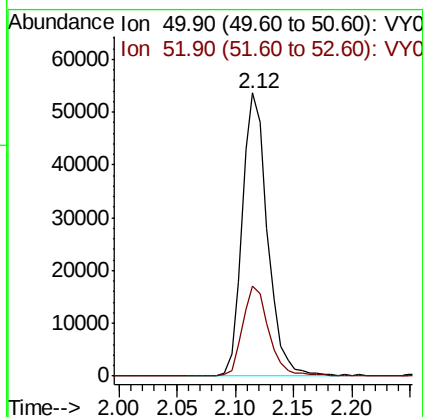
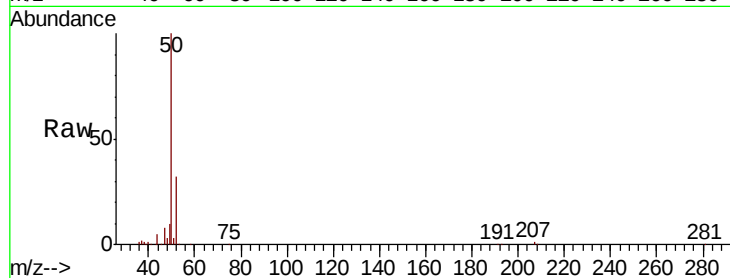
50 100

52 31.8 26.9 40.3

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#4

Vinyl Chloride

Concen: 19.597 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003078.D

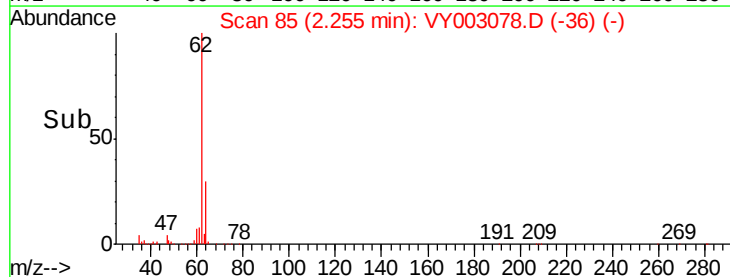
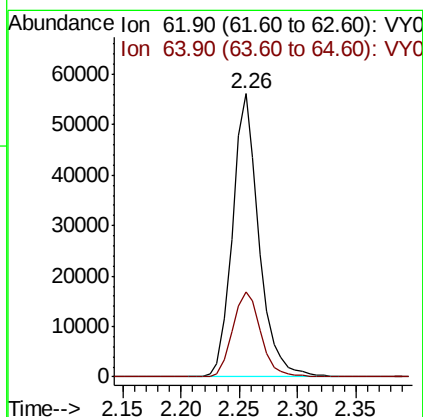
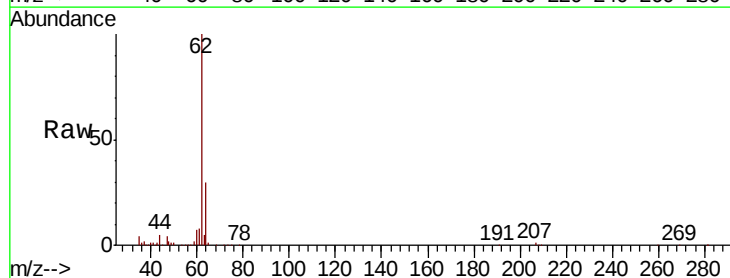
Acq: 02 Jul 2020 12:09

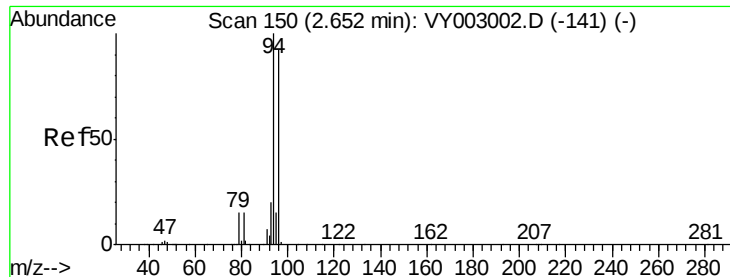
Tgt Ion: 62 Resp: 88833

Ion Ratio Lower Upper

62 100

64 29.8 24.4 36.6





#5

Bromomethane

Concen: 21.689 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 94 Resp: 66752

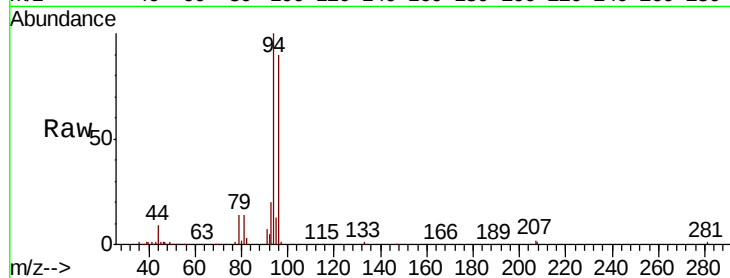
Ion Ratio Lower Upper

94 100

96 89.2 73.4 110.2

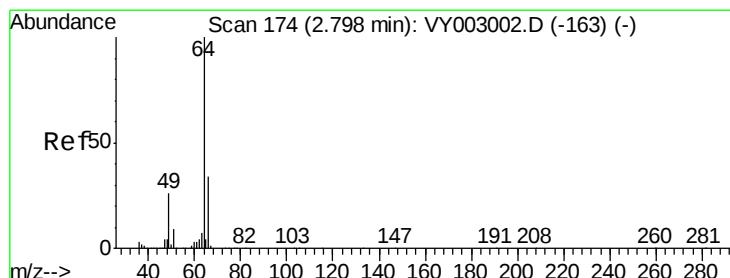
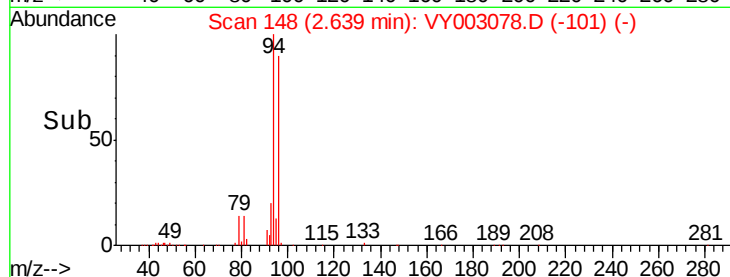
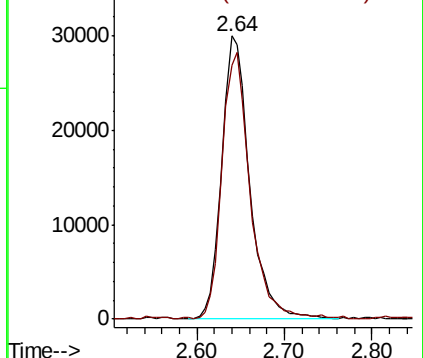
Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.488 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003078.D

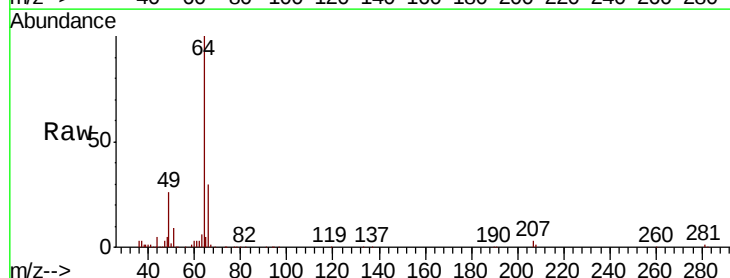
Acq: 02 Jul 2020 12:09

Tgt Ion: 64 Resp: 59081

Ion Ratio Lower Upper

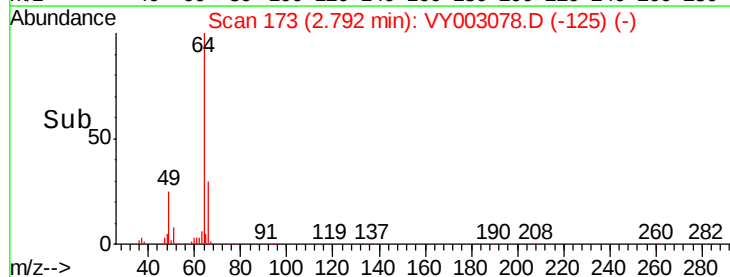
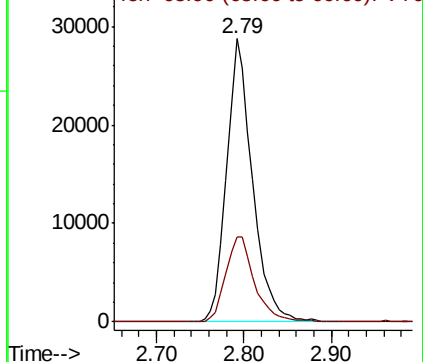
64 100

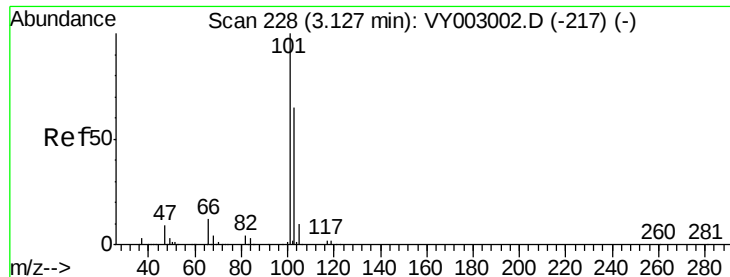
66 30.2 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

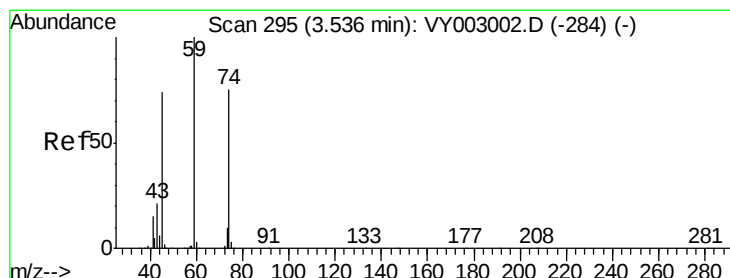
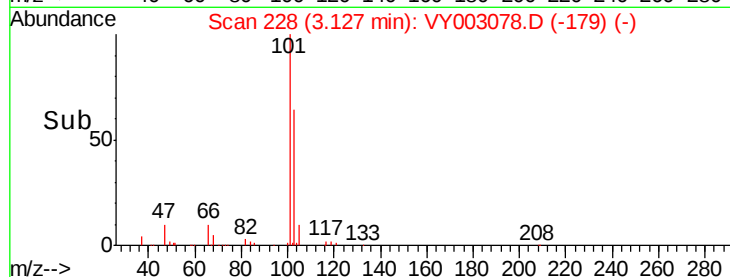
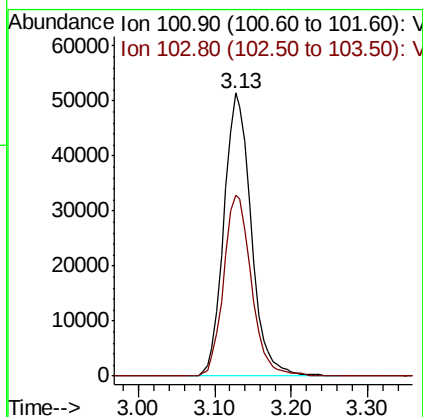
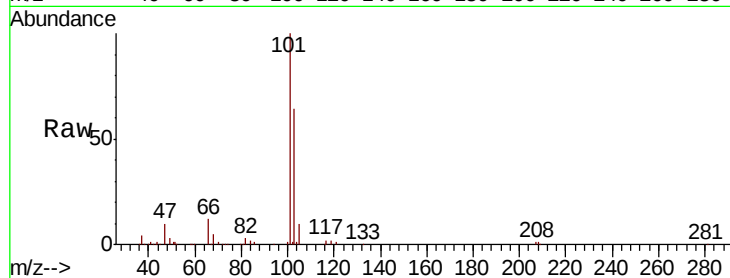
Trichlorofluoromethane
 Concen: 19.883 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
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 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.6	77.4

Manual Integrations
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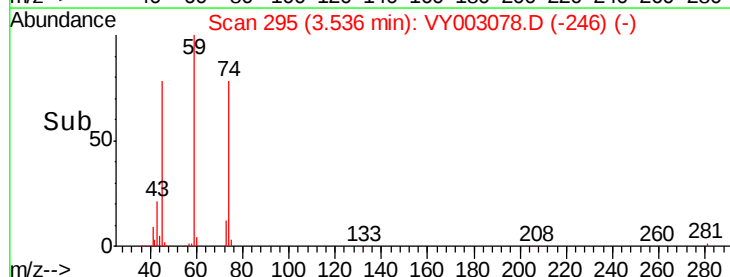
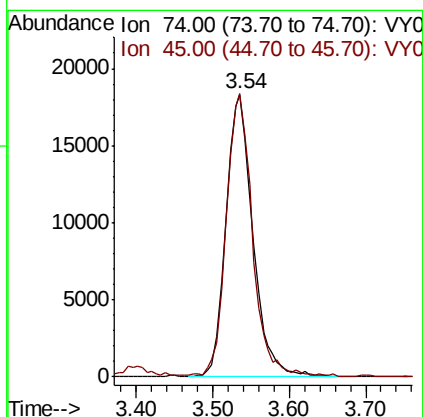
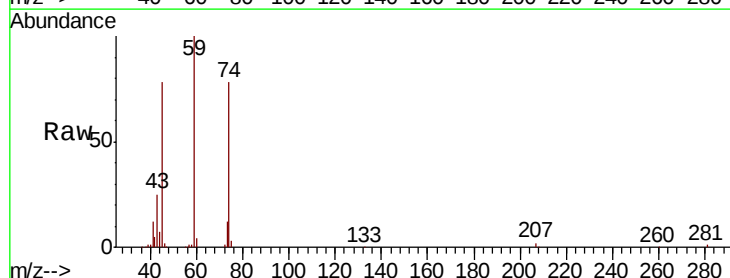
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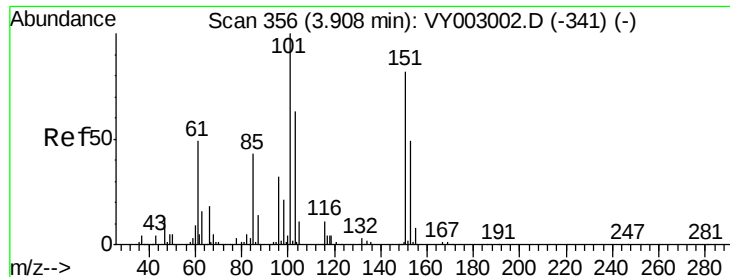


#8

Diethyl Ether
 Concen: 20.280 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.435 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

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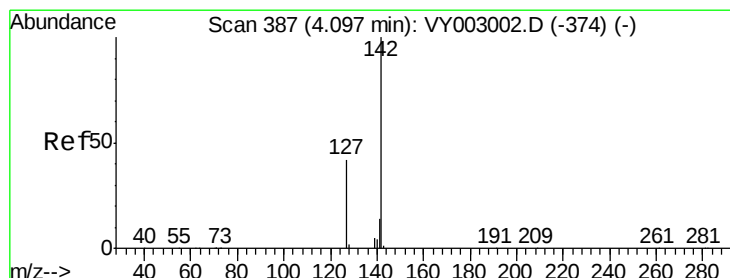
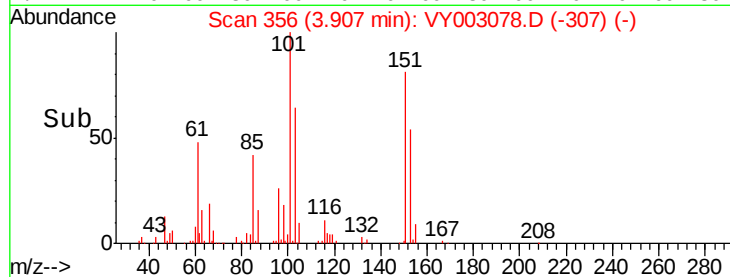
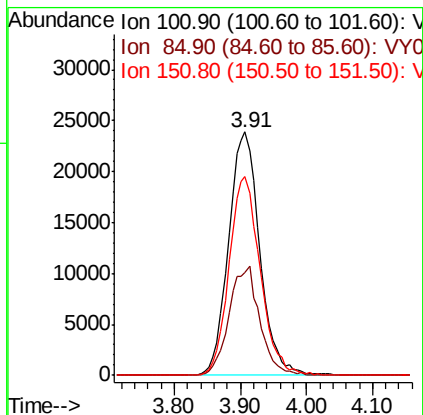
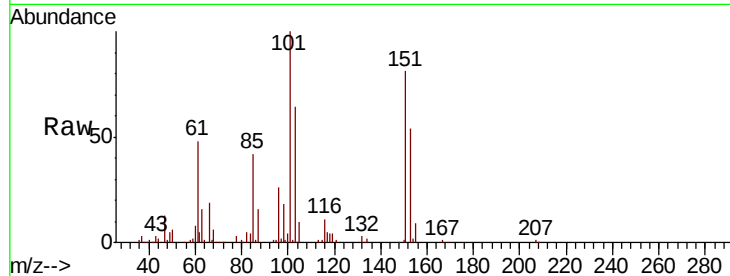
ClientSampleId :

VY0702SBSD01

Tot Ion:	101	Resp:	78066
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.5	53.3
151	81.6	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.510 ug/l

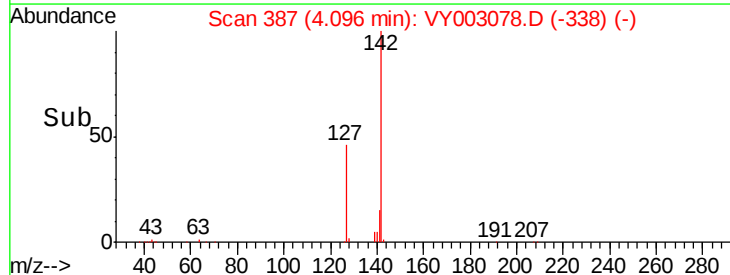
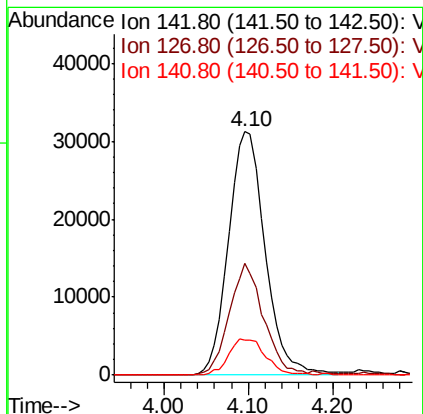
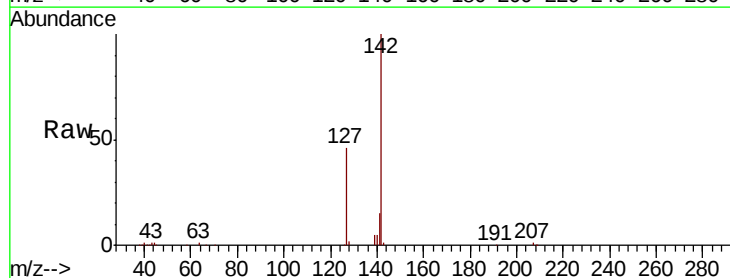
RT: 4.10 min Scan# 387

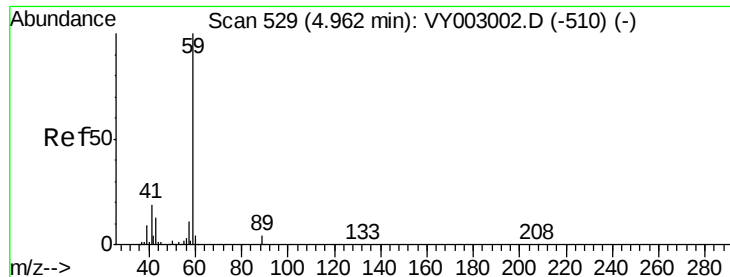
Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion:	142	Resp:	92419
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.2	51.2
141	15.0	11.7	17.5





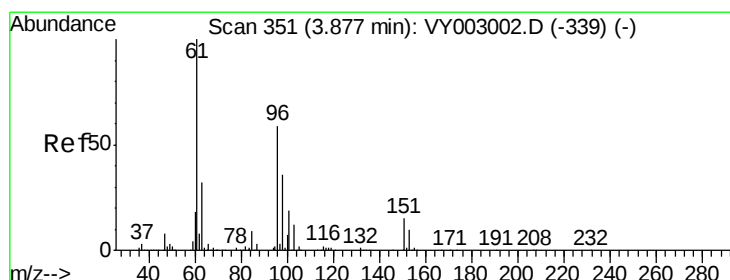
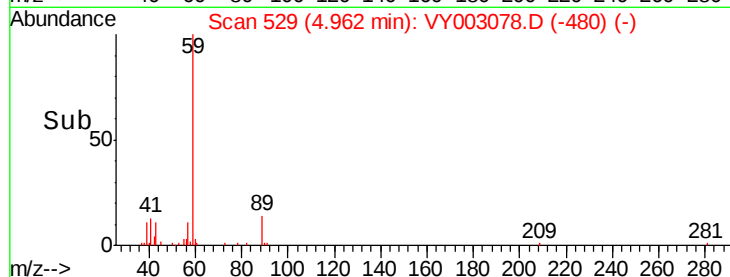
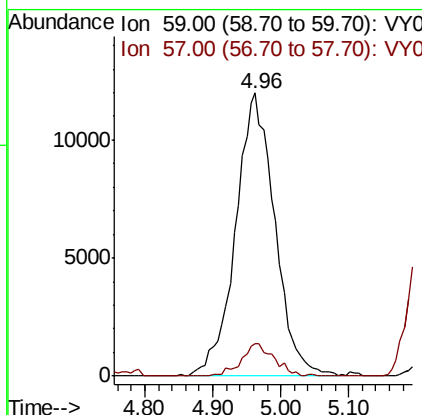
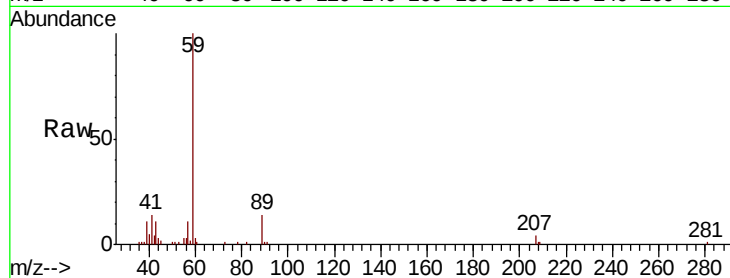
#11
Tert butyl alcohol
Concen: 113.219 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.0	12.0

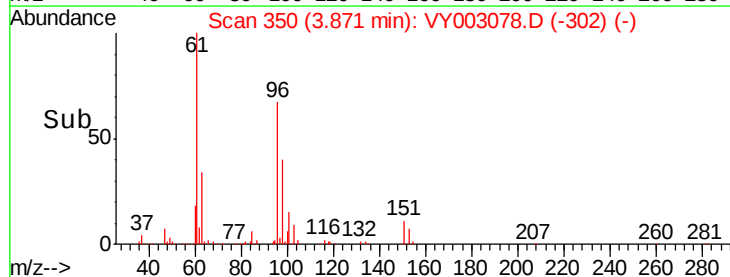
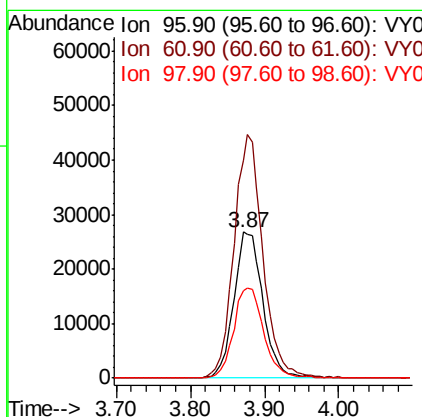
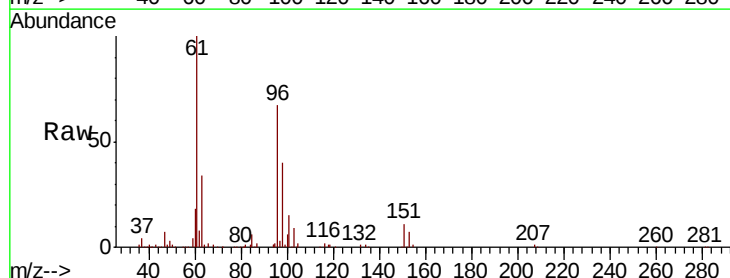
Manual Integrations
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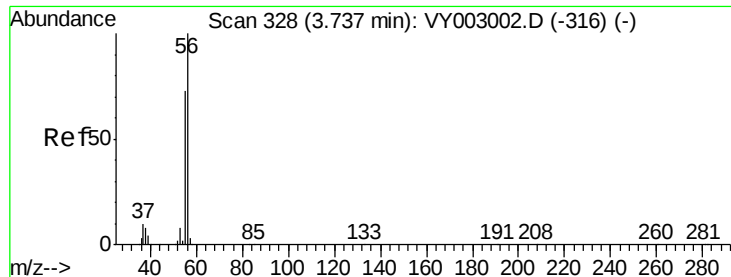
MMDadoda
7/6/2020 10:43:22 AM



#12
1,1-Dichloroethene
Concen: 20.167 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.4	136.7	205.1
98	59.6	49.7	74.5





#13

Acrolein

Concen: 89.538 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 56 Resp: 34108

Ion Ratio Lower Upper

56 100

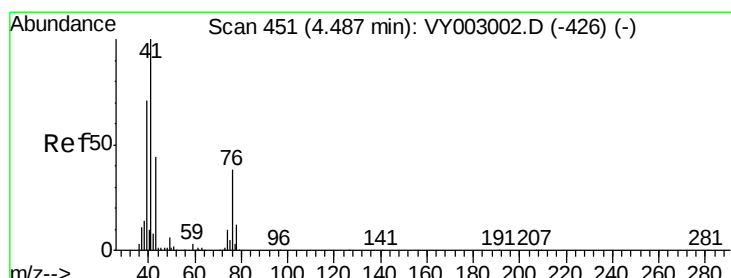
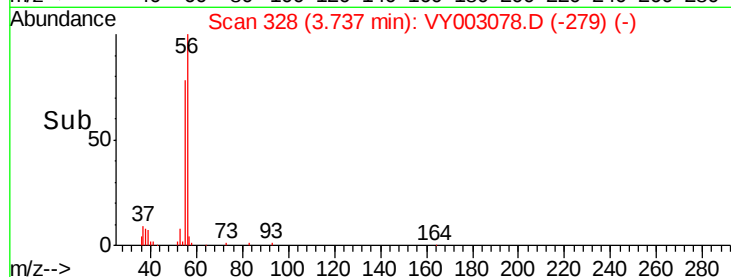
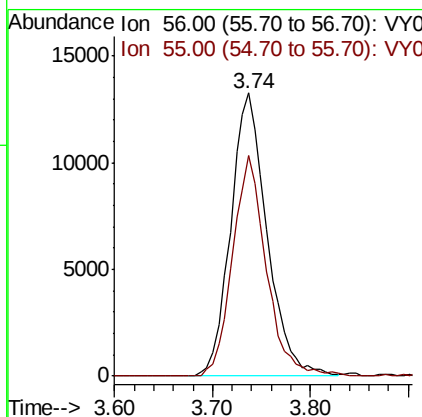
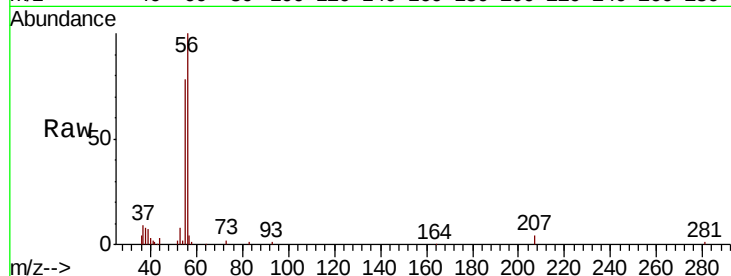
55 72.4 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 18.910 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

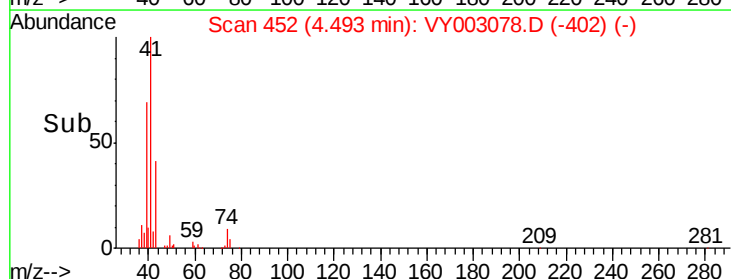
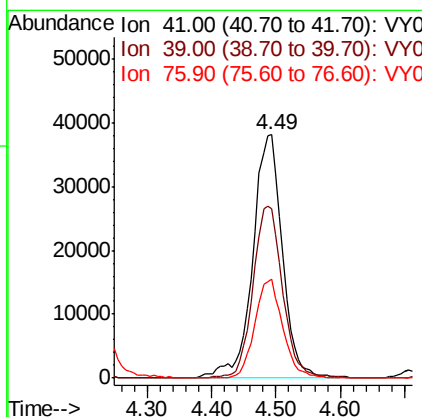
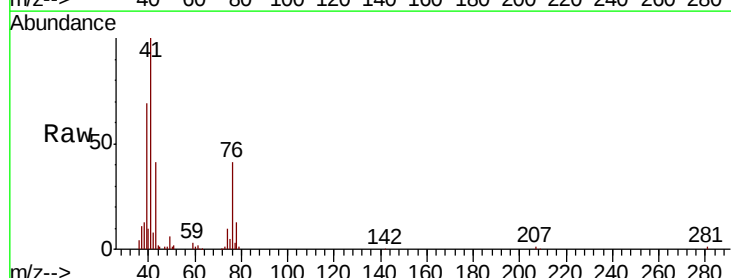
Tgt Ion: 41 Resp: 120005

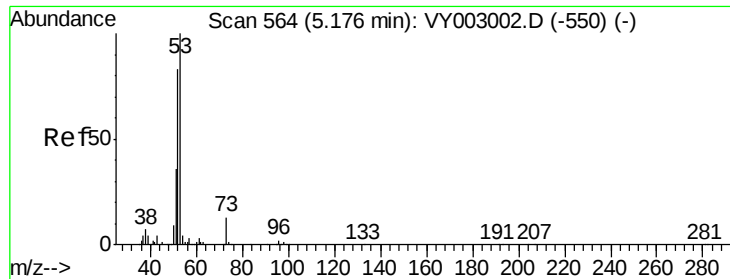
Ion Ratio Lower Upper

41 100

39 71.0 55.6 83.4

76 38.2 28.6 43.0





#15

Acrylonitrile

Concen: 100.241 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

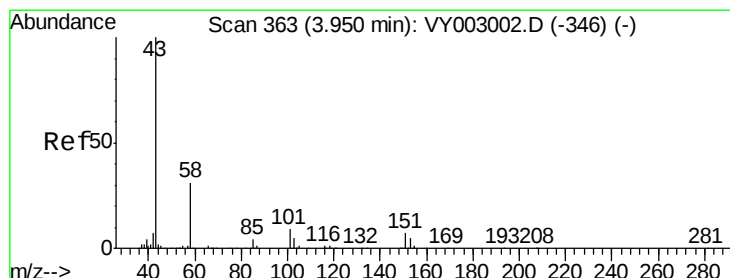
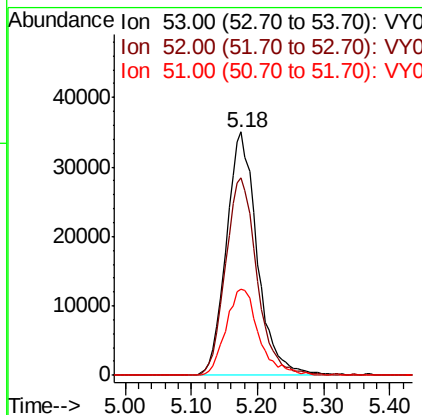
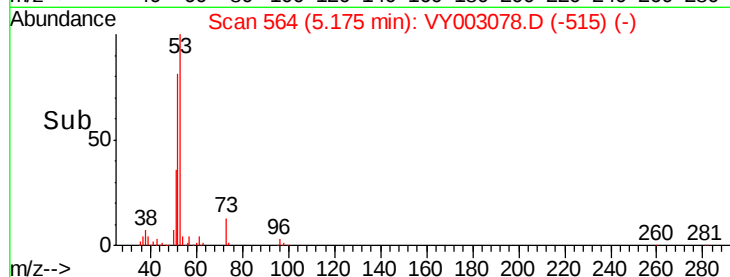
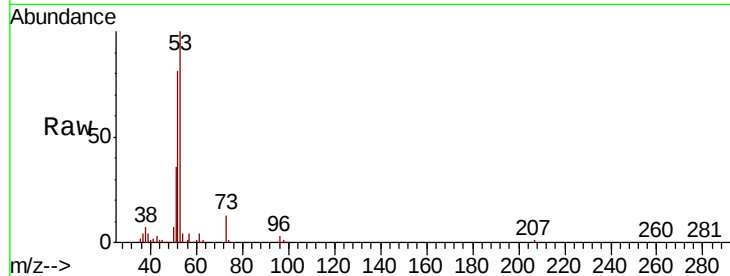
ClientSampleId :

VY0702SBSD01

Tot Ion:	53	Resp:	113312
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.2	99.2
51	37.8	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 99.925 ug/l

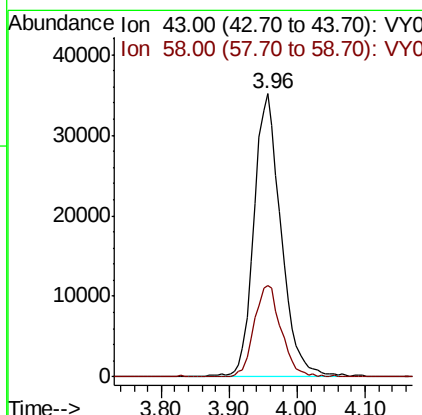
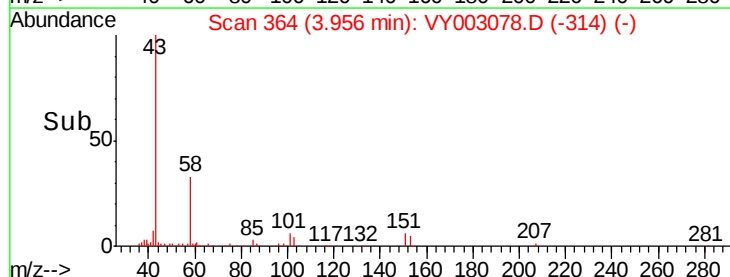
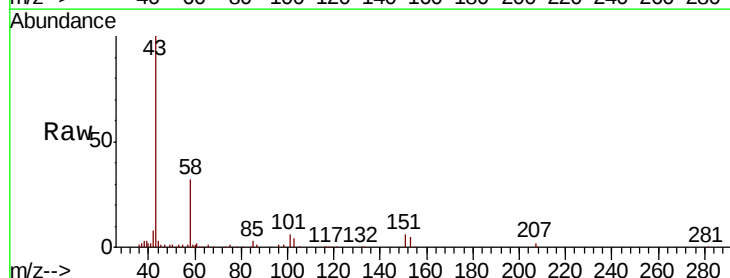
RT: 3.96 min Scan# 364

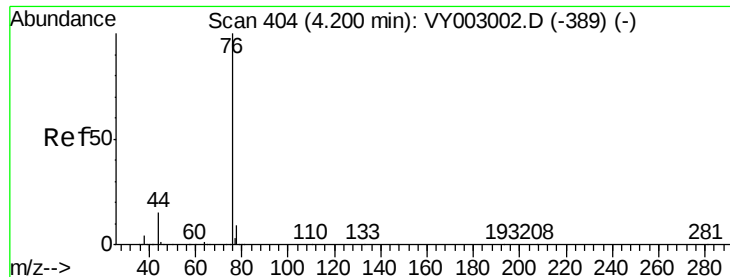
Delta R.T. 0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion:	43	Resp:	98081
Ion Ratio	Lower	Upper	
43	100		
58	32.4	24.7	37.1





#17

Carbon Disulfide

Concen: 19.411 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 76 Resp: 225422

Ion Ratio Lower Upper

76 100

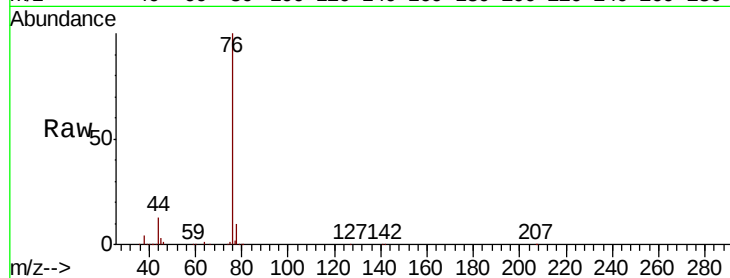
78 9.6 7.0 10.6

Manual Integrations

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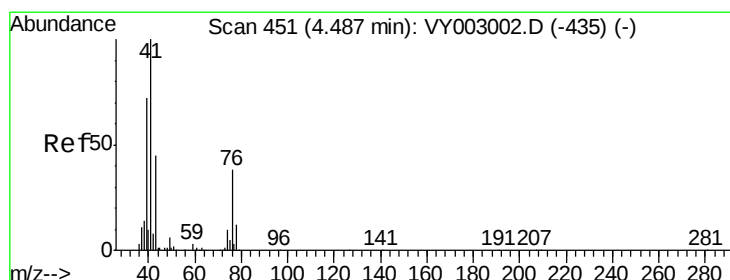
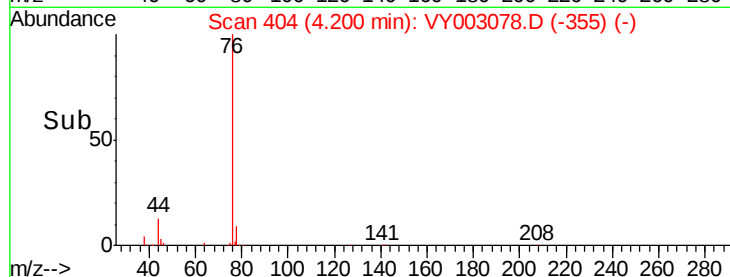
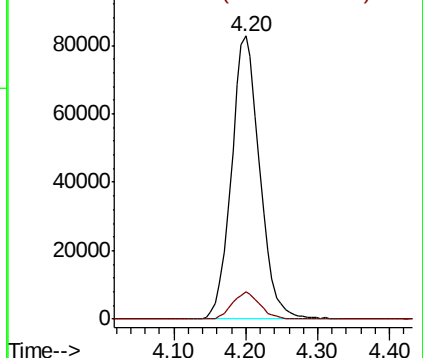
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7/6/2020 10:43:22 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.893 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003078.D

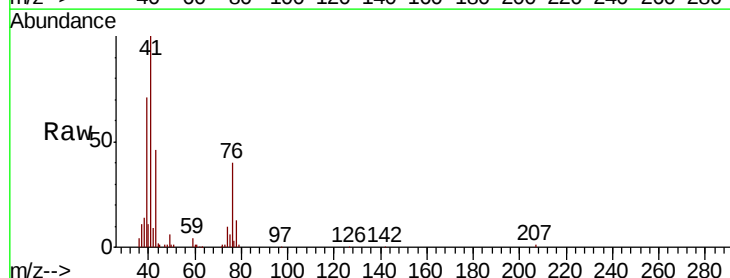
Acq: 02 Jul 2020 12:09

Tgt Ion: 43 Resp: 52606

Ion Ratio Lower Upper

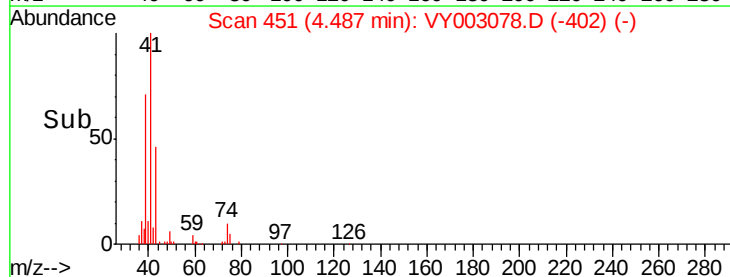
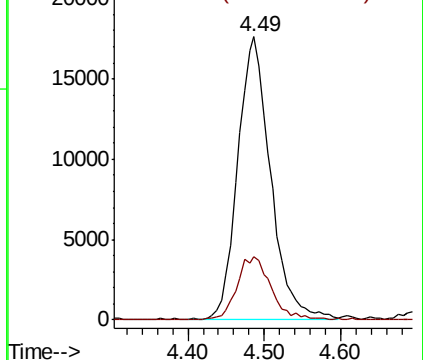
43 100

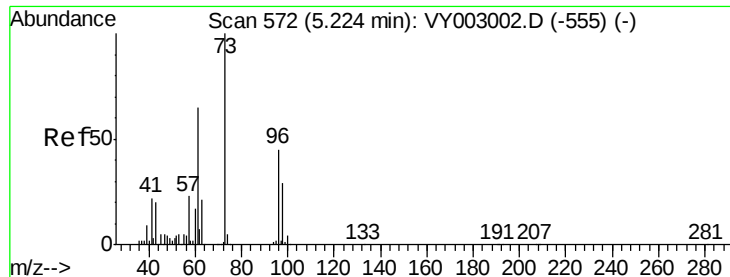
74 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





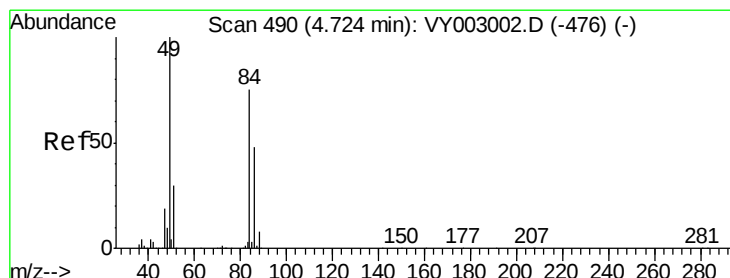
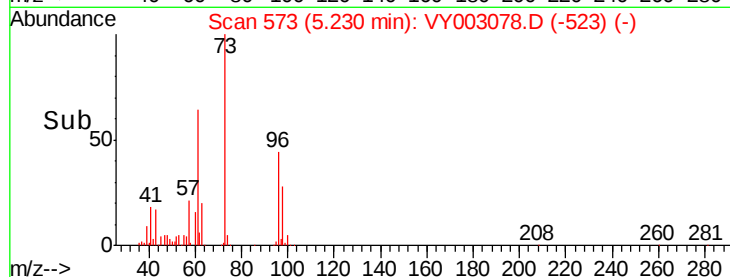
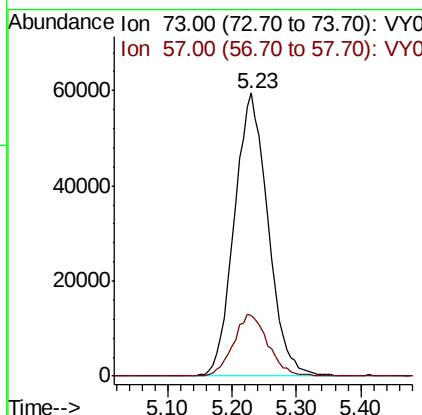
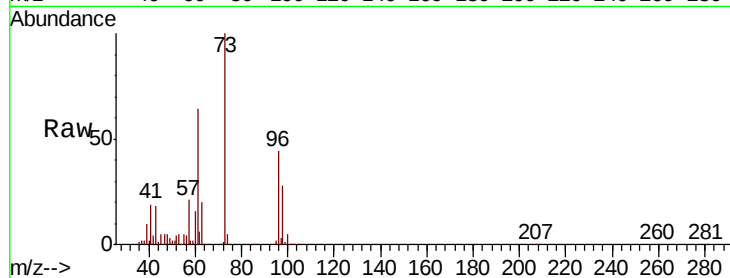
#19
Methvl tert-butvl Ether
Concen: 20.353 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	18.2	27.2

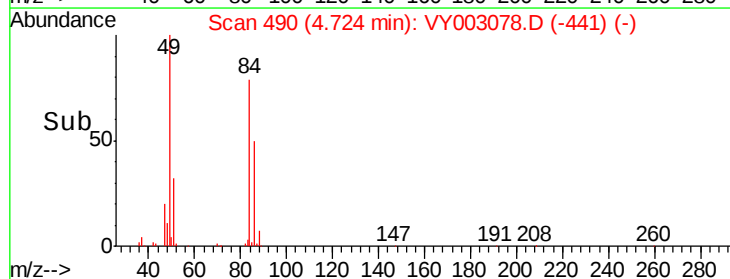
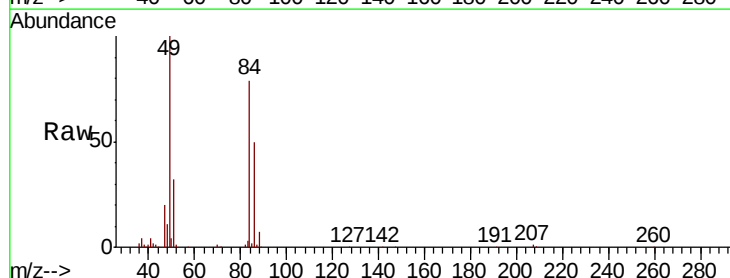
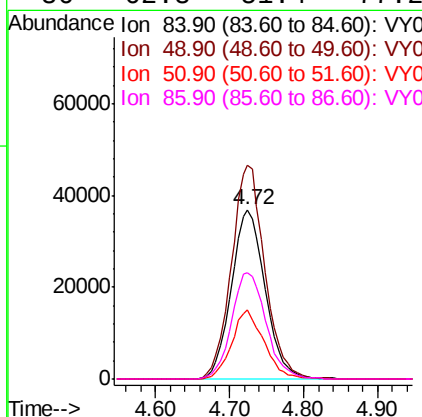
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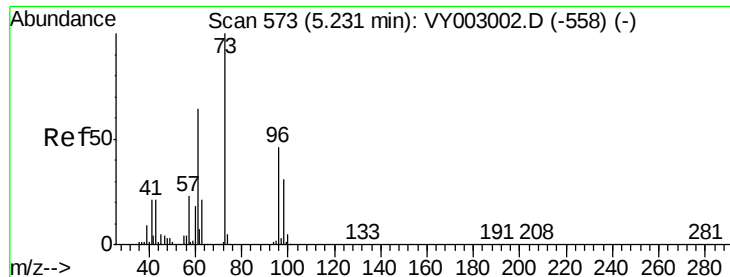
MMDadoda
7/6/2020 10:43:22 AM



#20
Methylene Chloride
Concen: 22.978 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.3	106.8	160.2
51	40.9	32.0	48.0
86	62.8	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 20.223 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 96 Resp: 83146

Ion Ratio Lower Upper

96 100

61 146.6 112.3 168.5

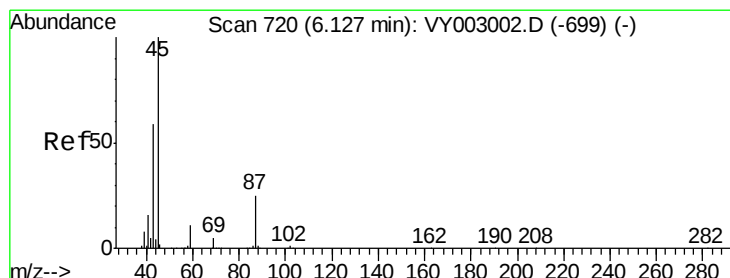
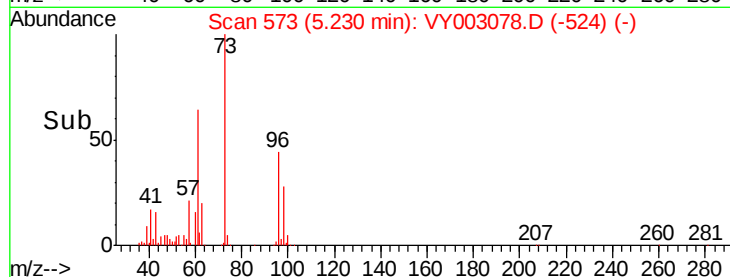
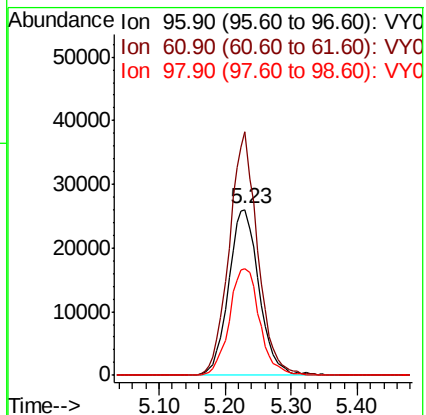
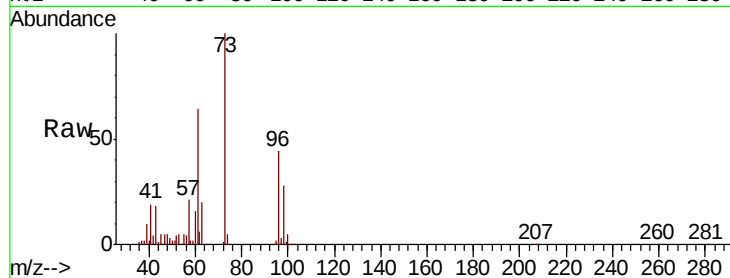
98 64.5 53.8 80.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.719 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion: 45 Resp: 268214

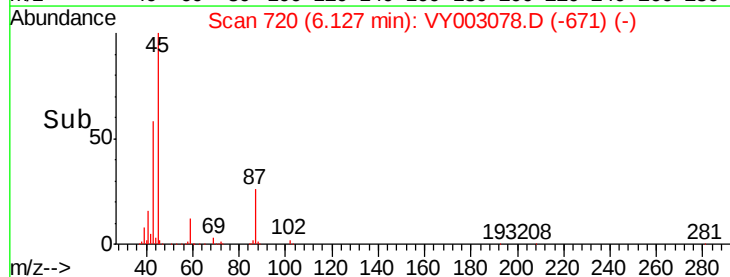
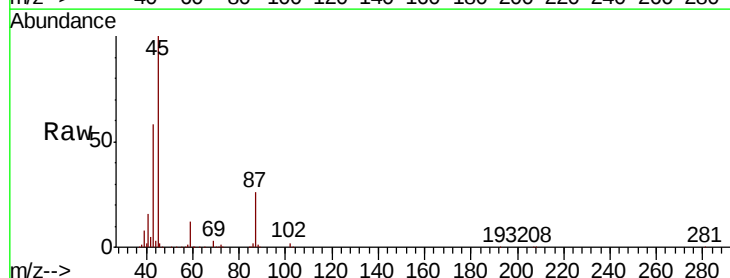
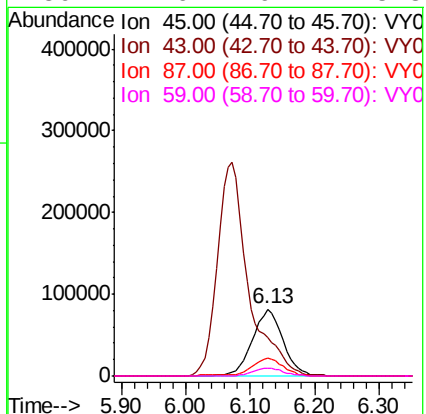
Ion Ratio Lower Upper

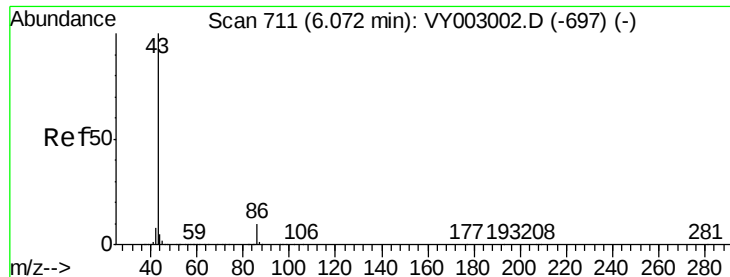
45 100

43 57.1 47.4 71.2

87 26.1 20.2 30.2

59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 97.673 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBS01

Tot Ion: 43 Resp: 888206

Ion Ratio Lower Upper

43 100

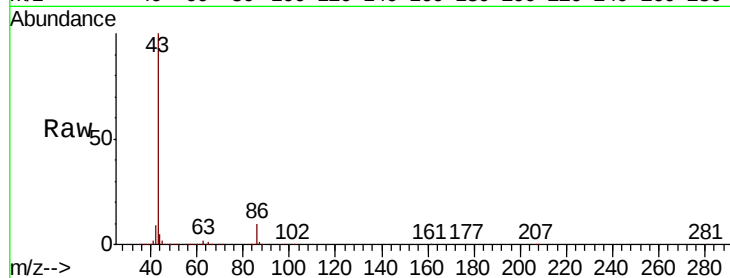
86 10.2 8.1 12.1

Manual Integrations

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MMDadoda

7/6/2020 10:43:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

250000

200000

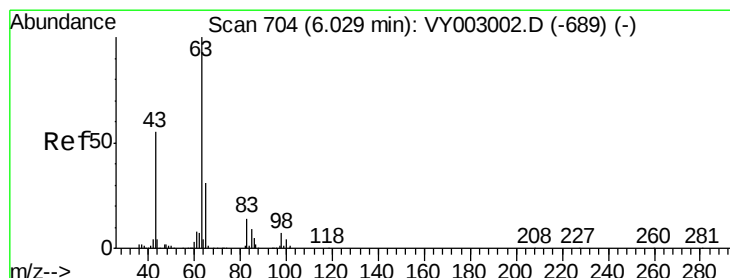
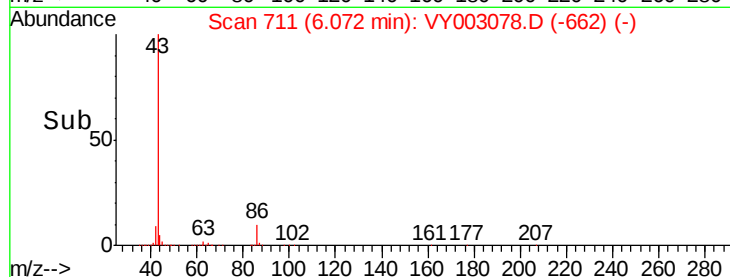
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.819 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

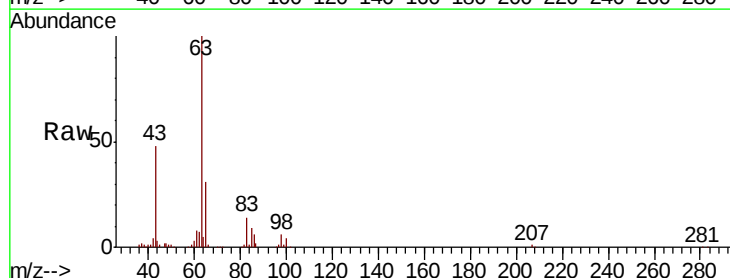
Tgt Ion: 63 Resp: 147253

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 3.6 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

60000

50000

40000

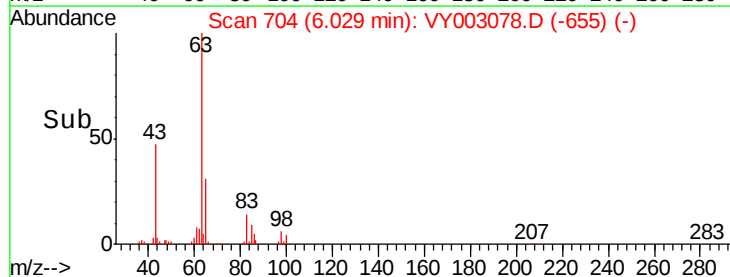
30000

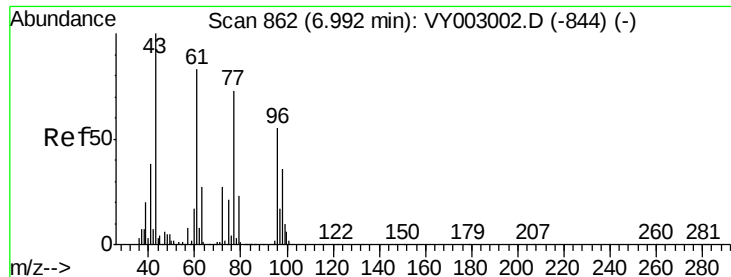
20000

10000

0

Time-->





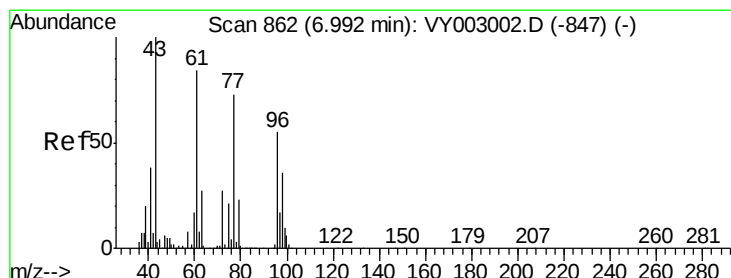
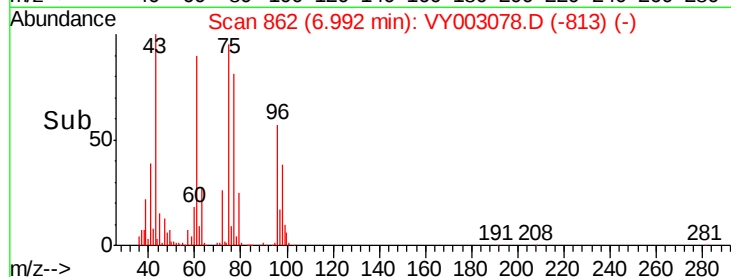
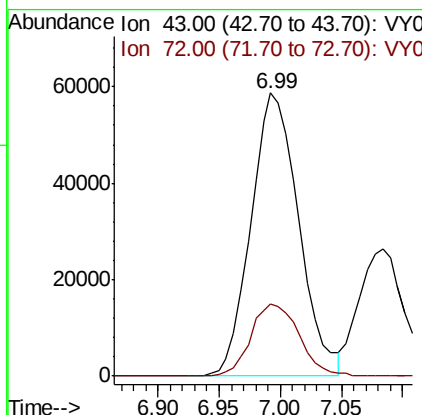
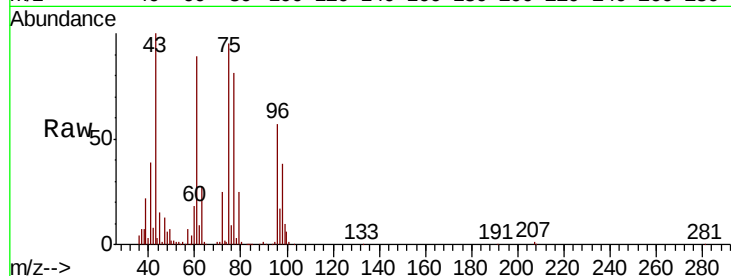
#25
2-Butanone
Concen: 102.353 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.4	32.0

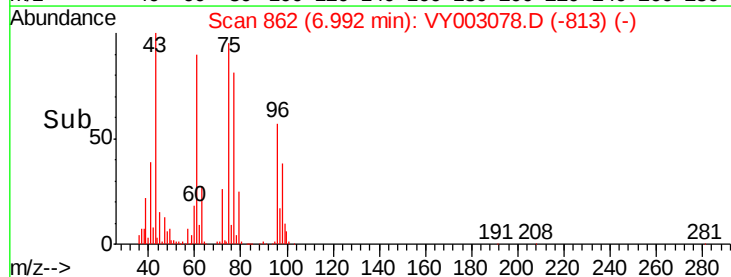
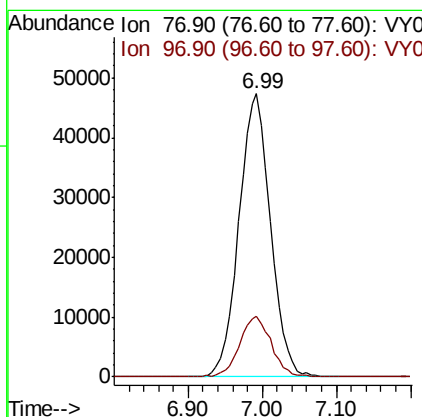
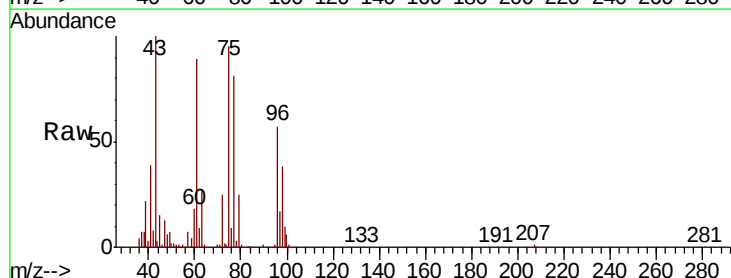
Manual Integrations
APPROVED

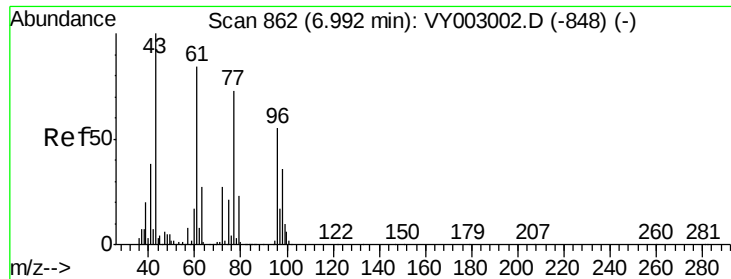
MMDadoda
7/6/2020 10:43:22 AM



#26
2,2-Dichloropropane
Concen: 20.796 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.6	11.3	33.9





#27

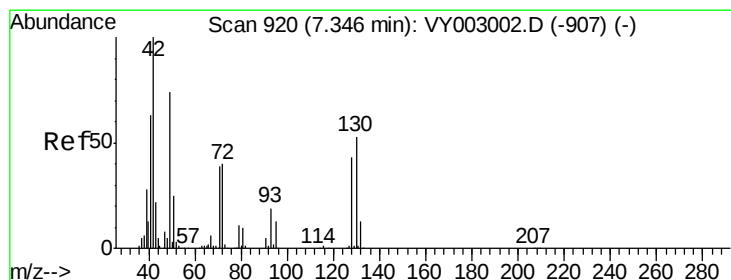
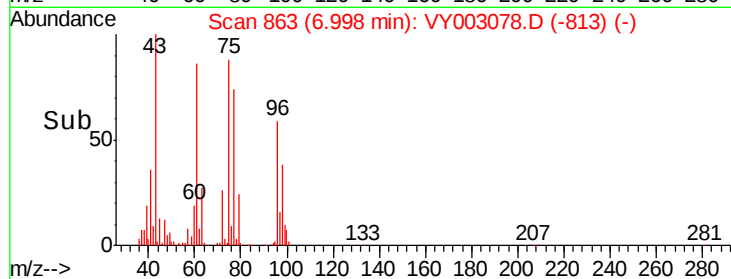
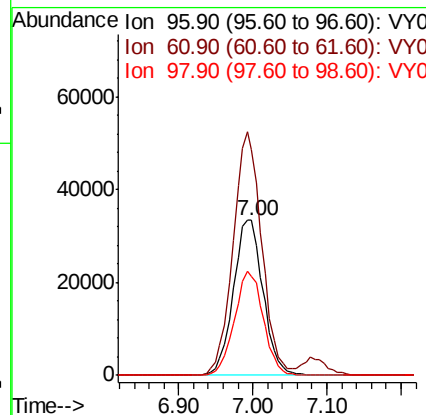
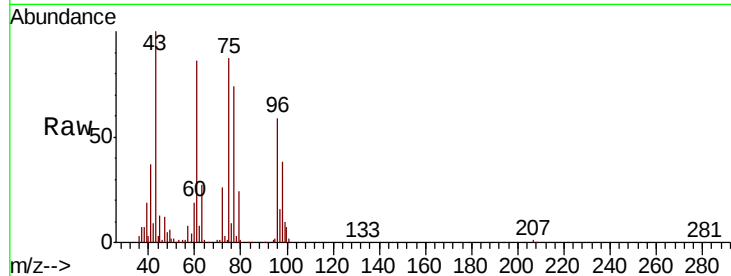
cis-1,2-Dichloroethene
Concen: 20.268 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	301.2
98	65.1	0.0	129.0

Manual Integrations
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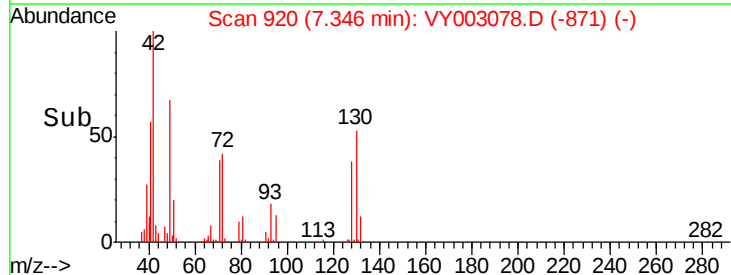
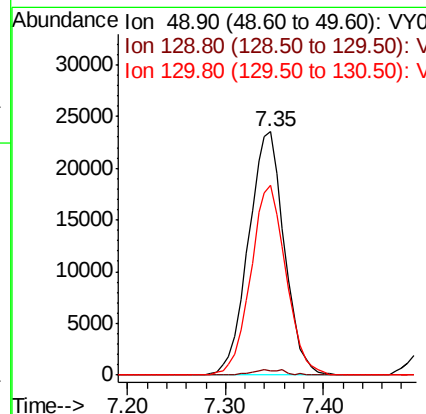
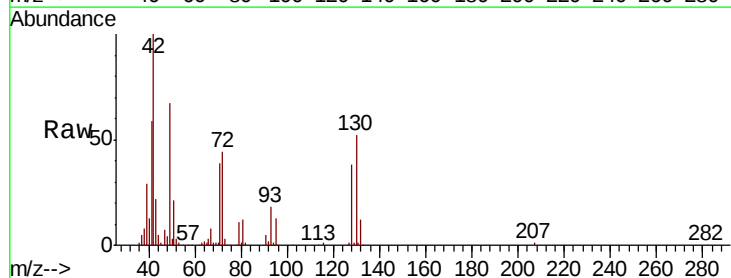
MMDadoda
7/6/2020 10:43:22 AM

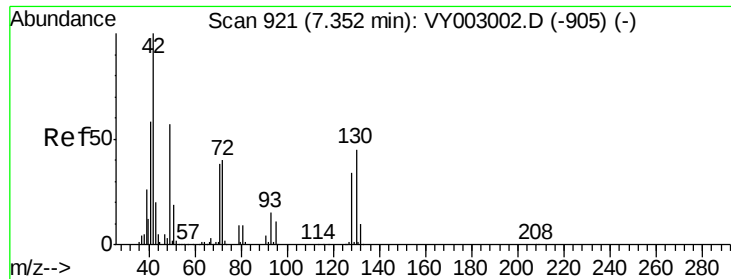


#28

Bromochloromethane
Concen: 18.061 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	76.8	57.0	85.6





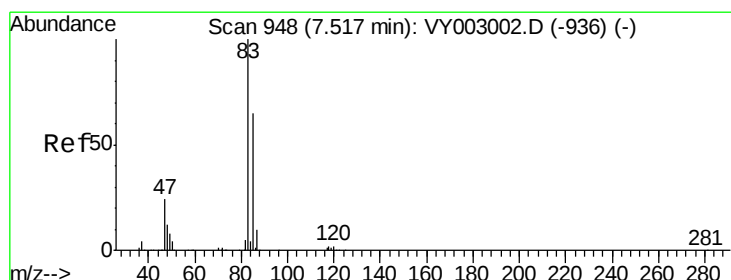
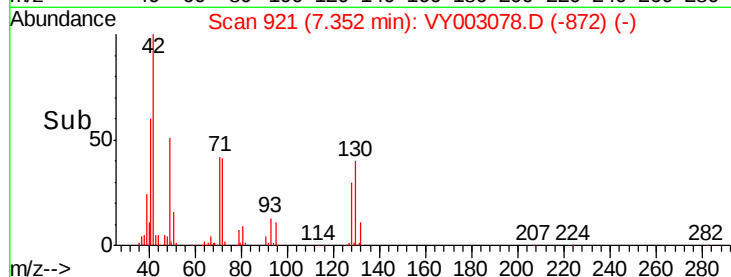
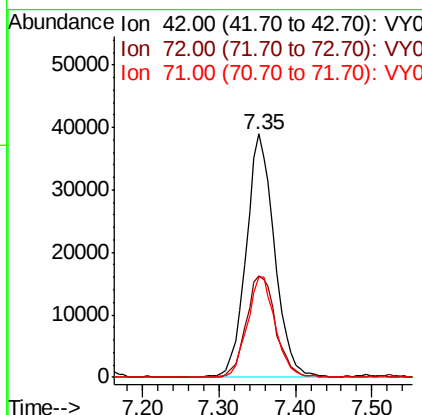
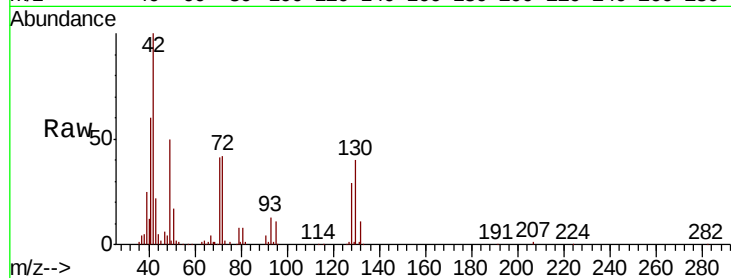
#29
Tetrahydrofuran
Concen: 96.849 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	32.9	49.3
71	40.5	31.2	46.8

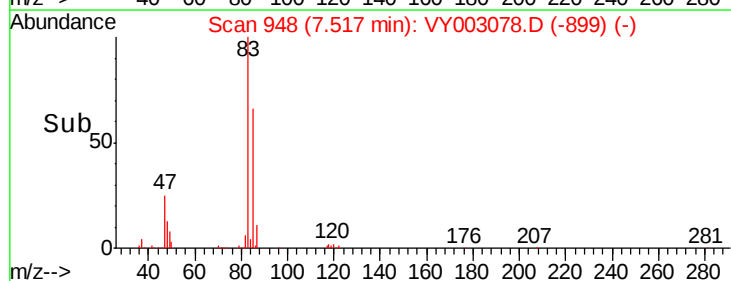
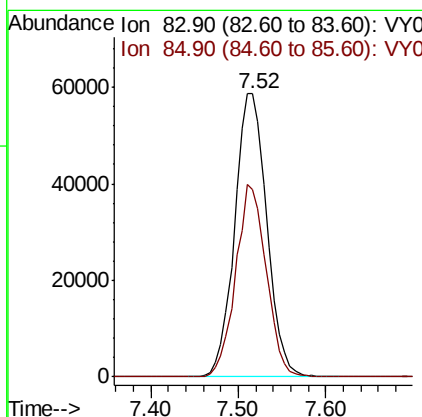
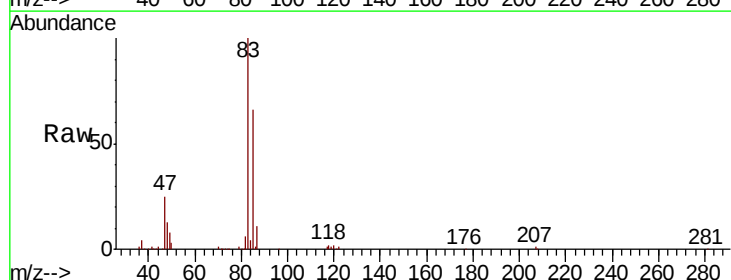
Manual Integrations
APPROVED

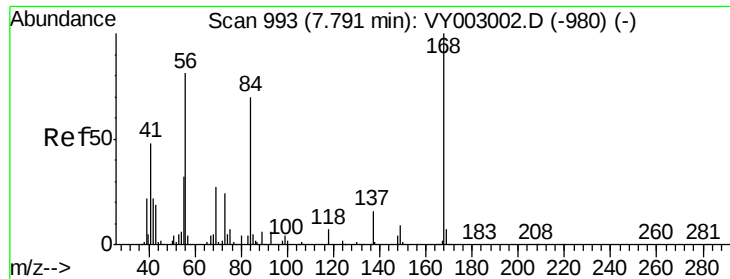
MMDadoda
7/6/2020 10:43:22 AM



#30
Chloroform
Concen: 20.298 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.7	77.5





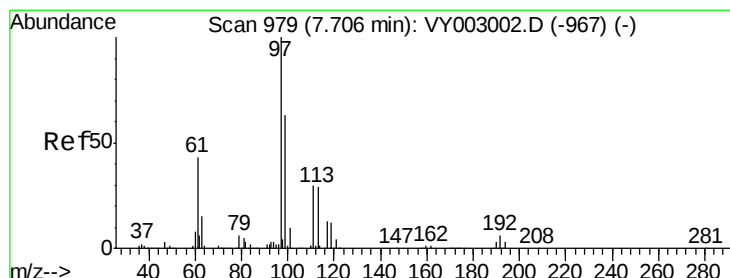
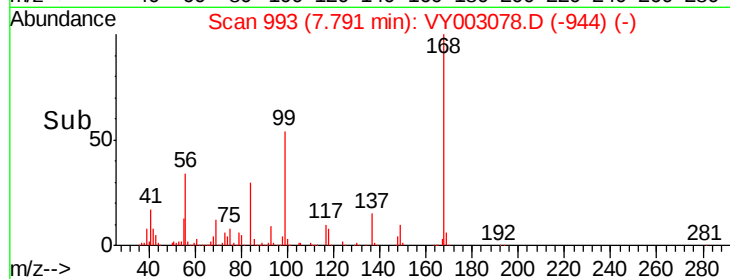
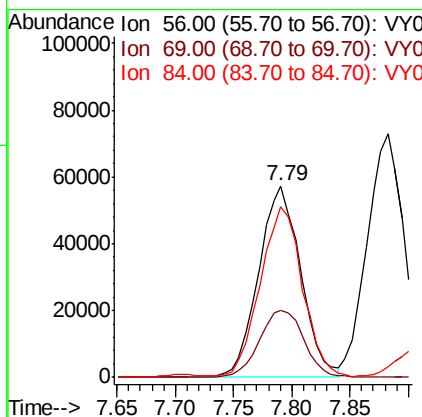
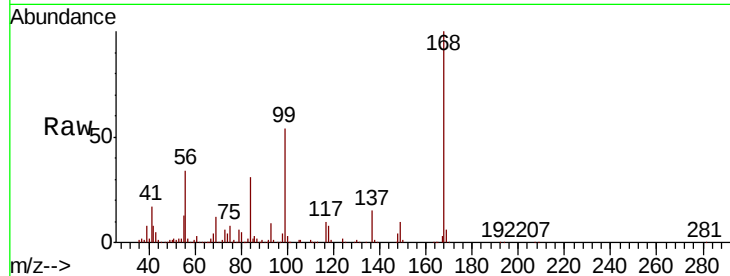
#31
Cyclohexane
Concen: 19.561 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	27.0	40.4
84	87.4	68.1	102.1

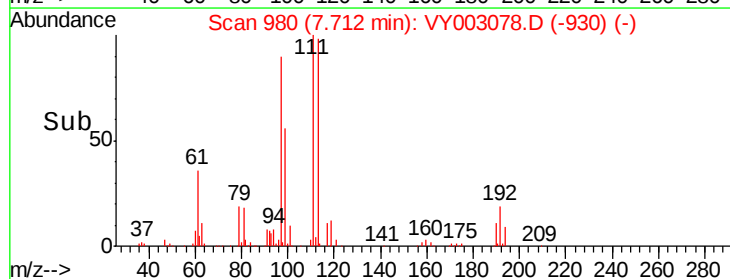
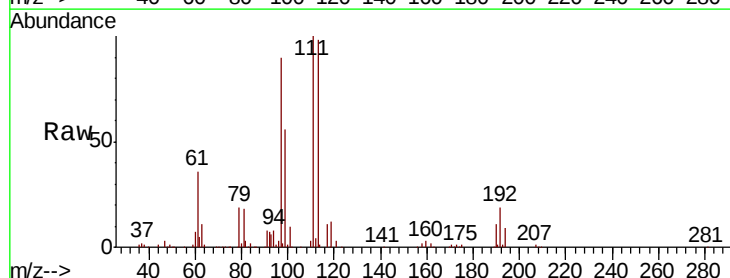
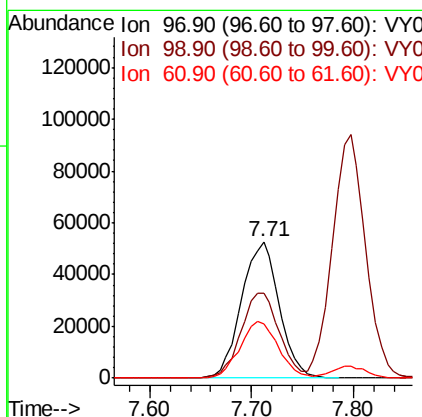
Manual Integrations
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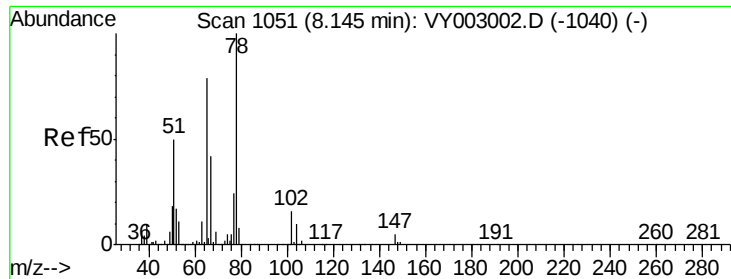
MMDadoda
7/6/2020 10:43:22 AM



#32
1,1,1-Trichloroethane
Concen: 20.142 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	41.9	33.9	50.9





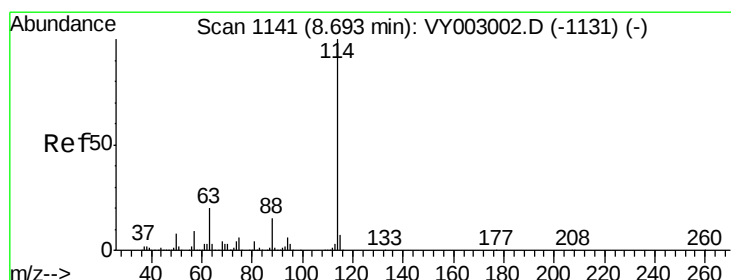
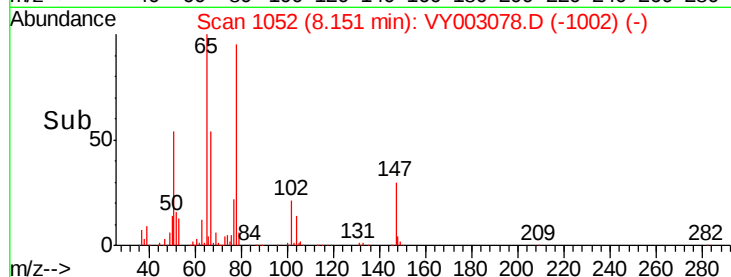
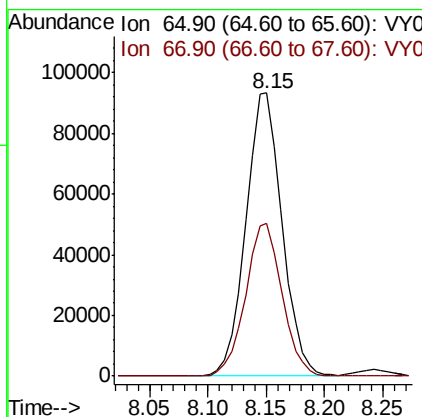
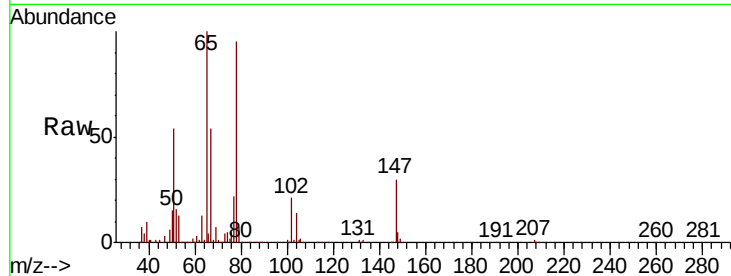
#33
 1,2-Dichloroethane-d4
 Concen: 48.530 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	201973		
67	54.3	0.0	105.6	

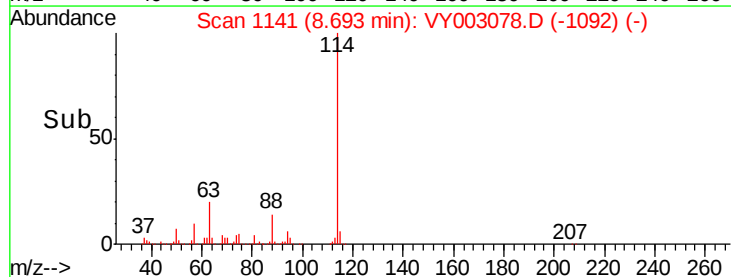
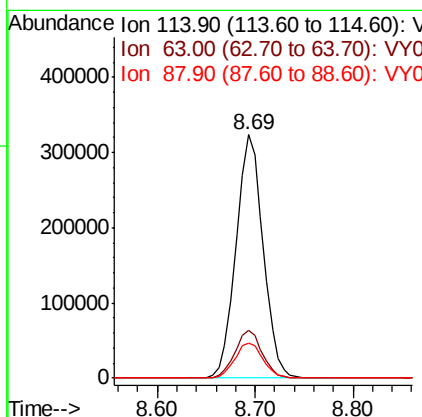
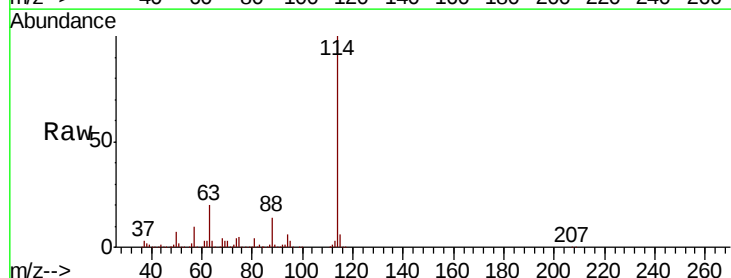
Manual Integrations
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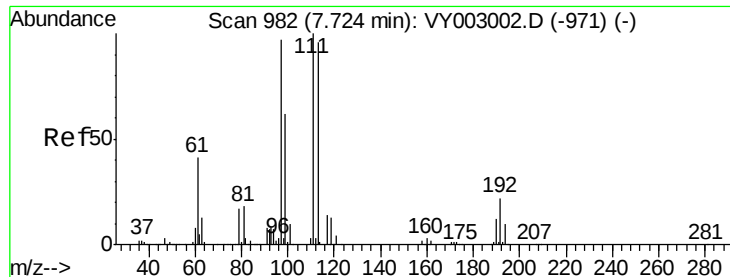
MMDadoda
 7/6/2020 10:43:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	621752		
63	19.9	0.0	40.6	
88	14.4	0.0	30.0	





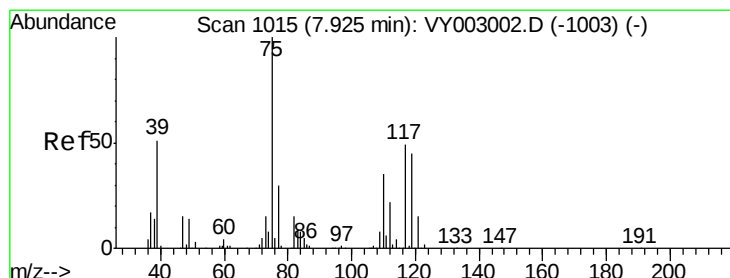
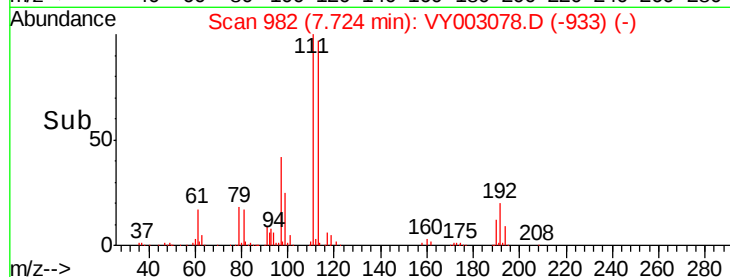
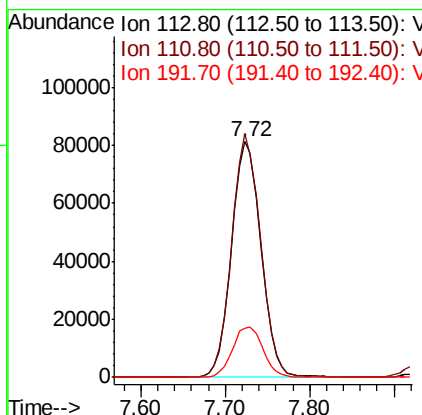
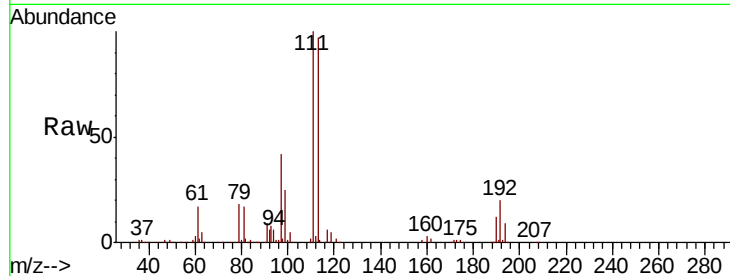
#35
 Dibromofluoromethane
 Concen: 49.557 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	192213		
111	101.7	82.6	123.8	
192	21.9	18.1	27.1	

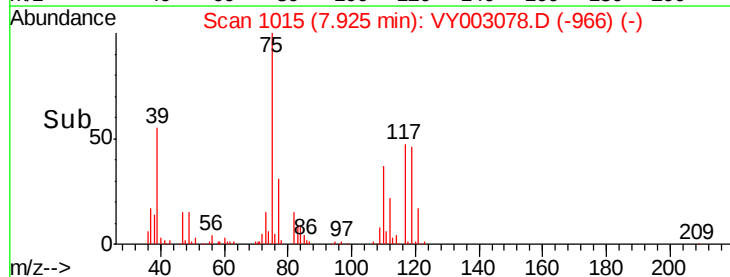
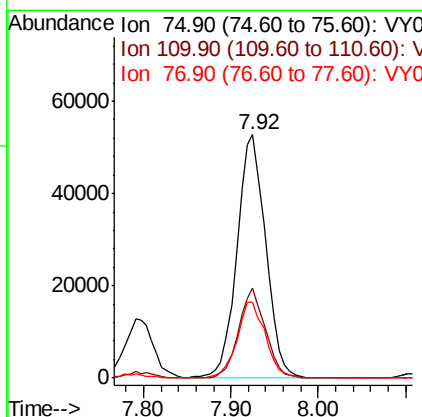
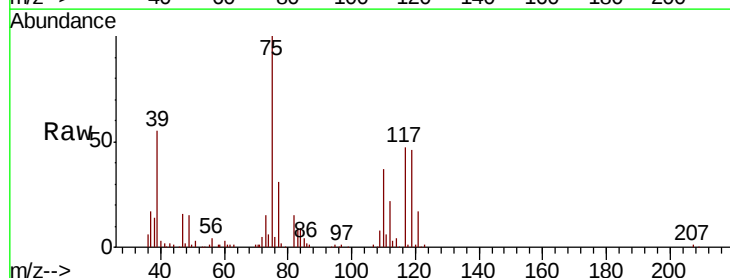
Manual Integrations
 APPROVED

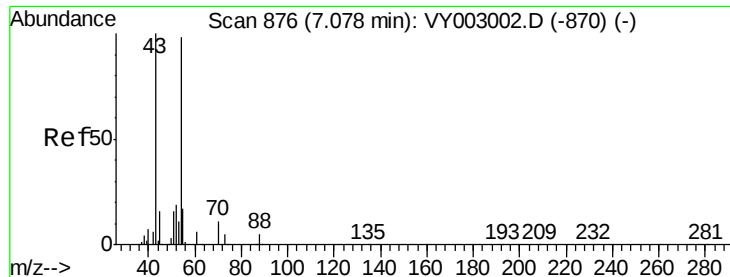
MMDadoda
 7/6/2020 10:43:22 AM



#36
 1,1-Dichloropropene
 Concen: 20.097 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120362		
110	34.4	17.1	51.2	
77	31.1	24.9	37.3	





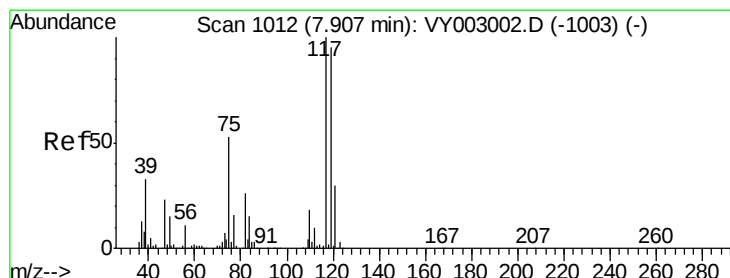
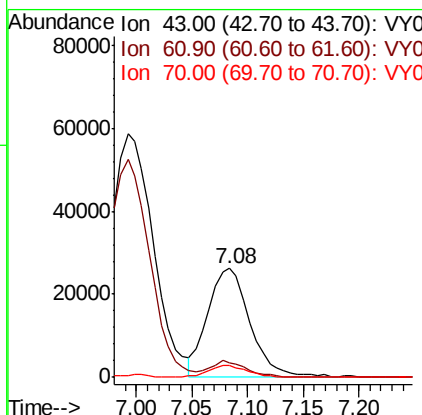
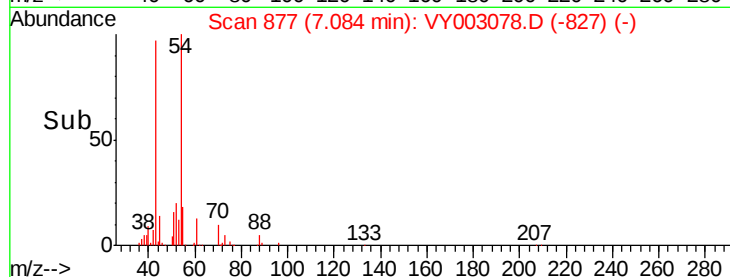
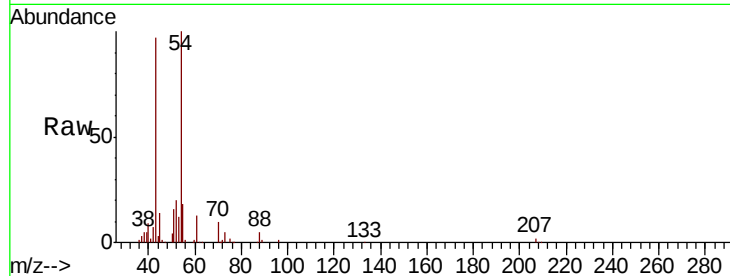
#37
Ethyl Acetate
Concen: 18.986 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion:	43	Resp:	68368
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	10.5	7.7	11.5

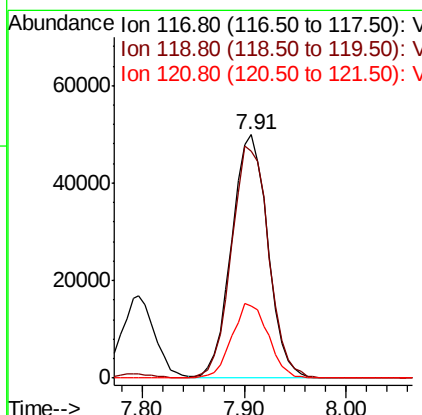
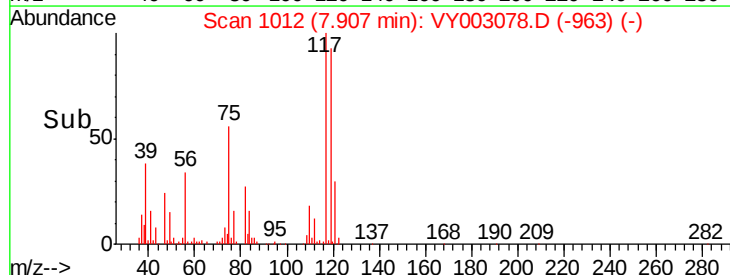
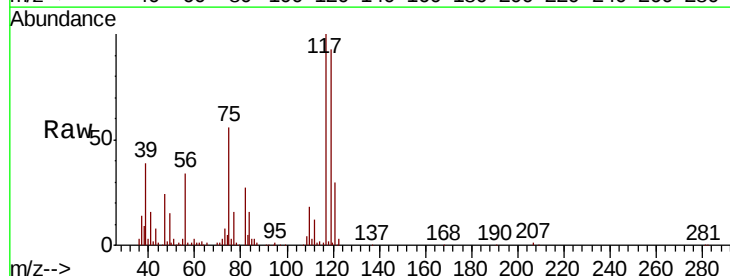
Manual Integrations
APPROVED

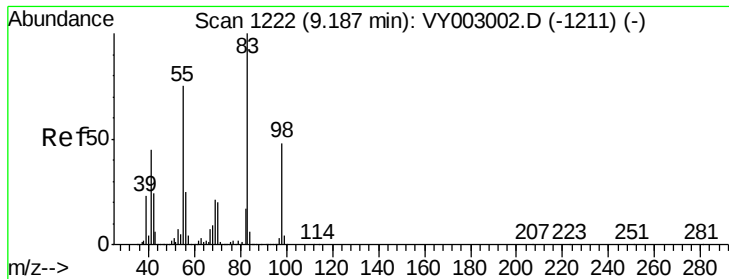
MMDadoda
7/6/2020 10:43:22 AM



#38
Carbon Tetrachloride
Concen: 19.773 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion:	117	Resp:	123210
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.7	113.5
121	29.6	23.9	35.9





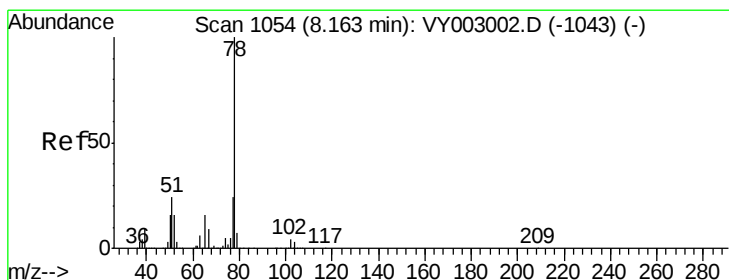
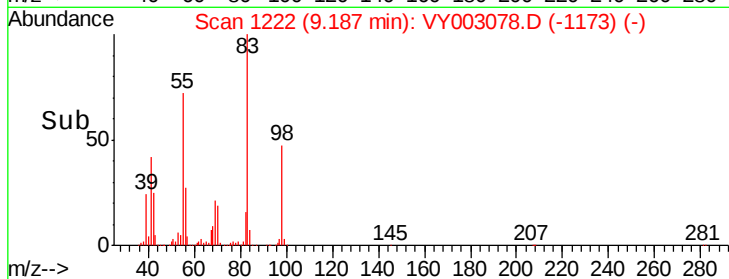
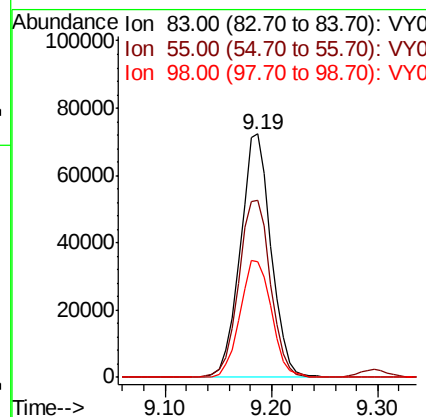
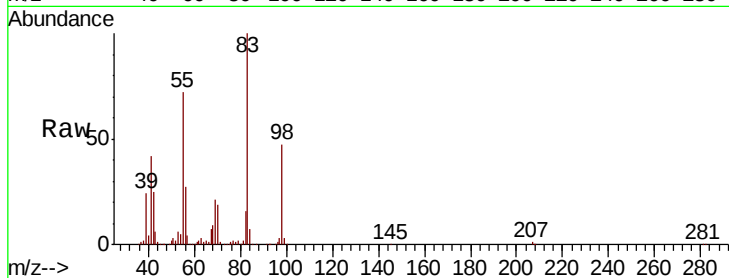
#39
Methvlcvclohexane
Concen: 19.781 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	59.9	89.9
98	47.4	38.7	58.1

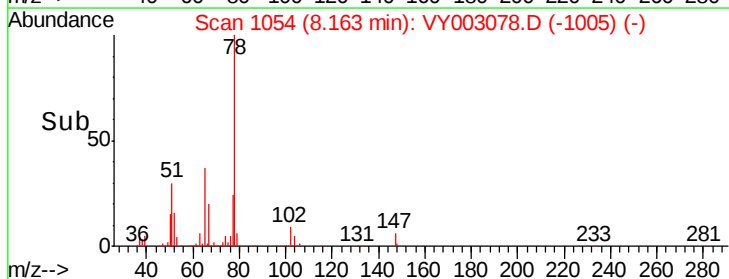
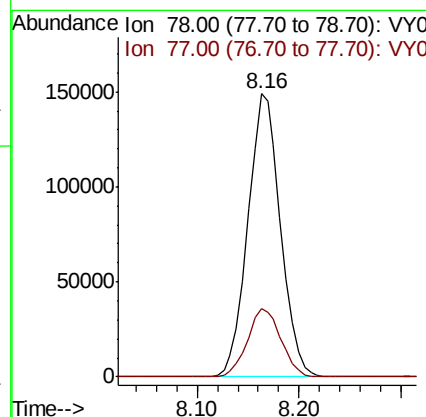
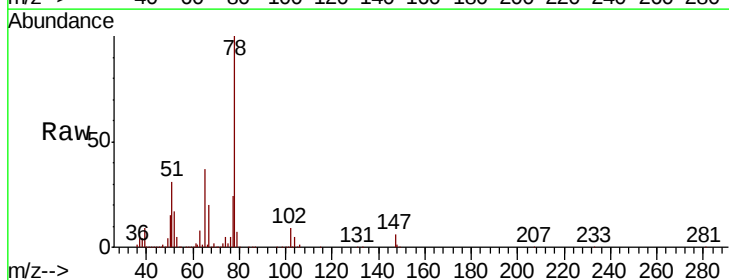
Manual Integrations
APPROVED

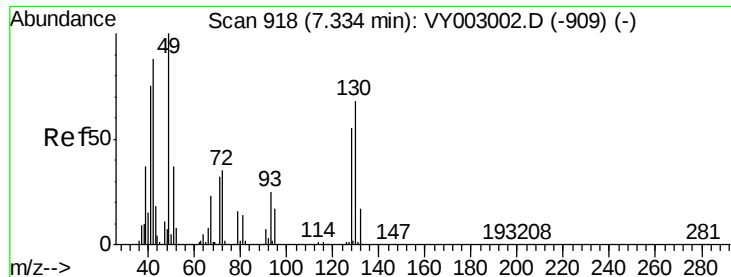
MMDadoda
7/6/2020 10:43:22 AM



#40
Benzene
Concen: 20.115 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





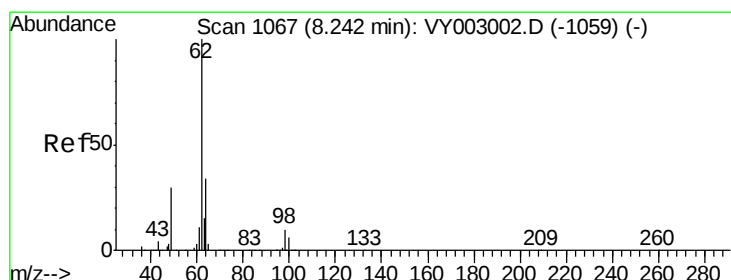
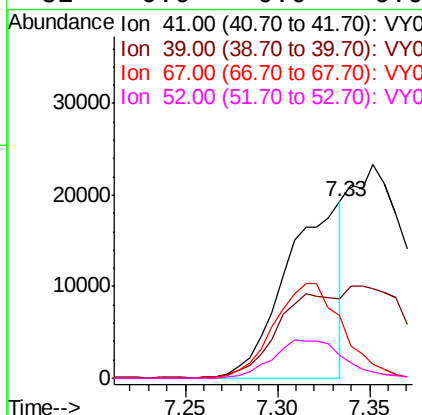
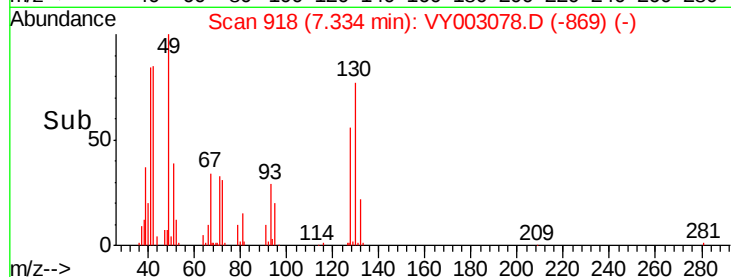
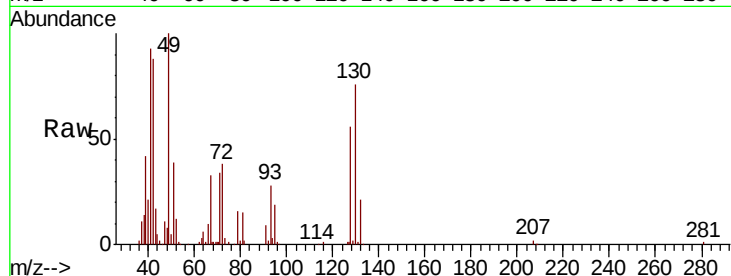
#41
Methacrylonitrile
Concen: 21.364 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	41	Resp	41095
Ion	Ratio	Lower	Upper
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

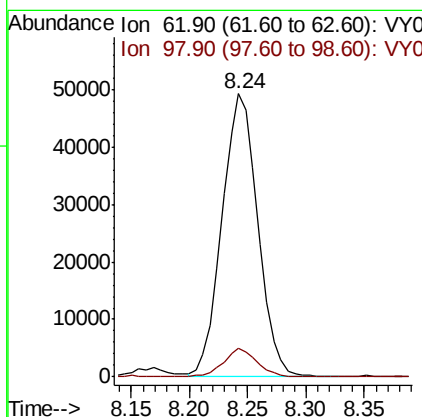
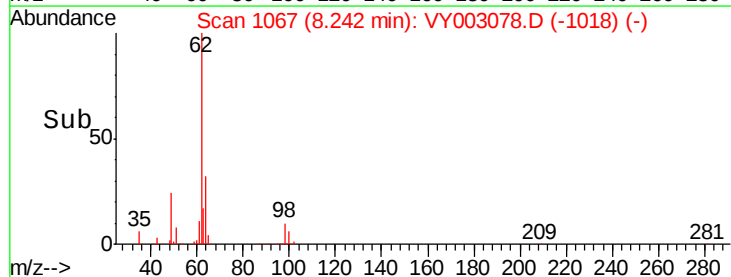
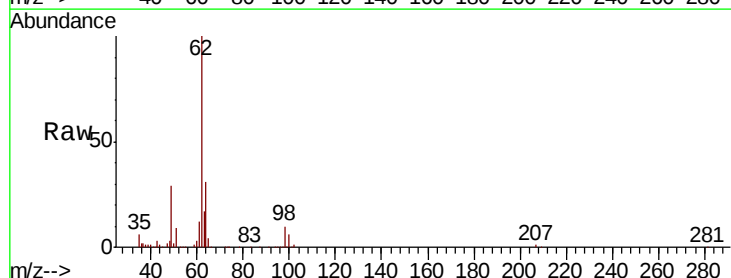
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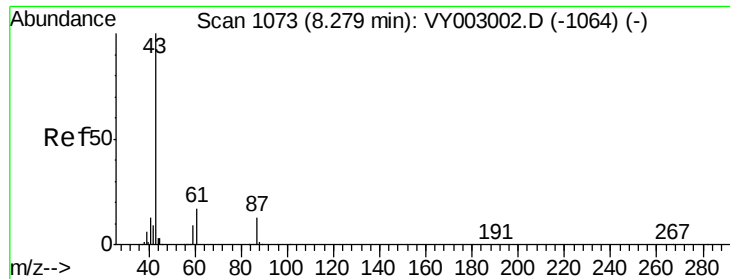
MMDadoda
7/6/2020 10:43:22 AM



#42
1,2-Dichloroethane
Concen: 20.184 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	62	Resp	104692
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 19.518 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

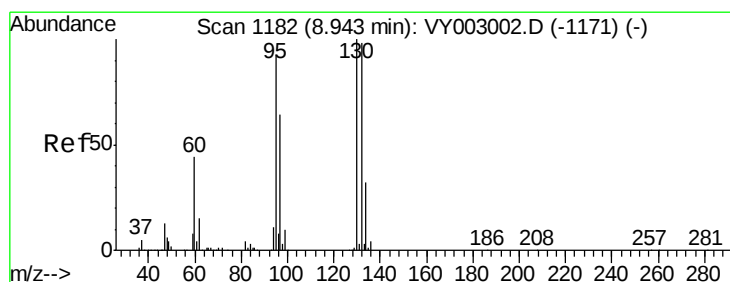
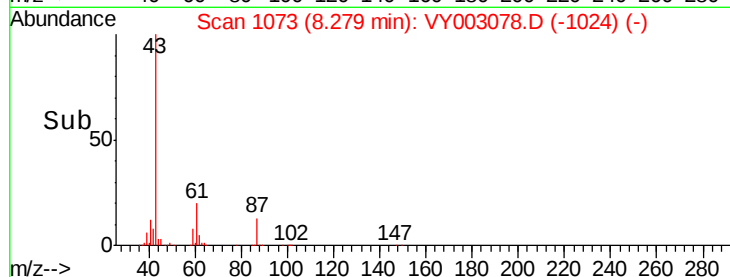
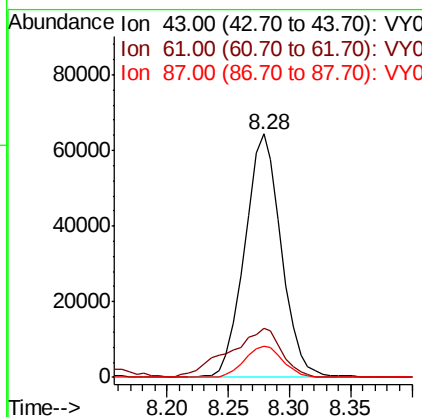
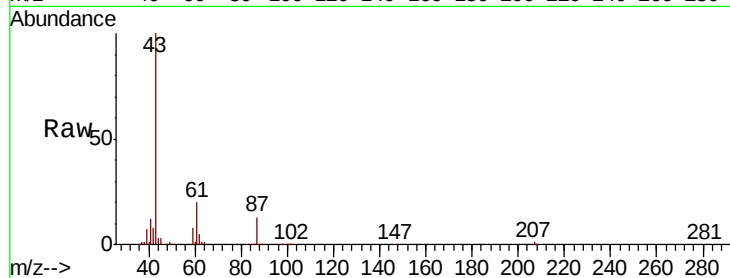
ClientSampleId :

VY0702SBSD01

Tot Ion:	43	Resp:	133608
Ion	Ratio	Lower	Upper
43	100		
61	28.9	21.8	32.6
87	13.6	10.1	15.1

Manual Integrations
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7/6/2020 10:43:22 AM



#44

Trichloroethene

Concen: 20.055 ug/l

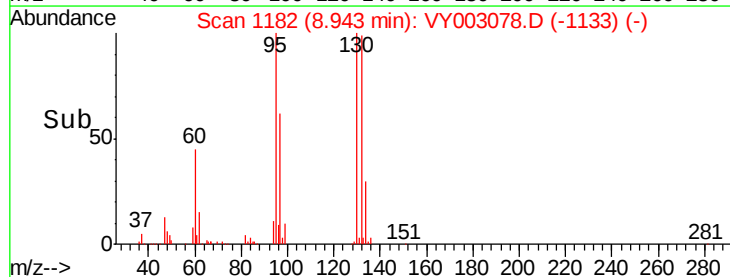
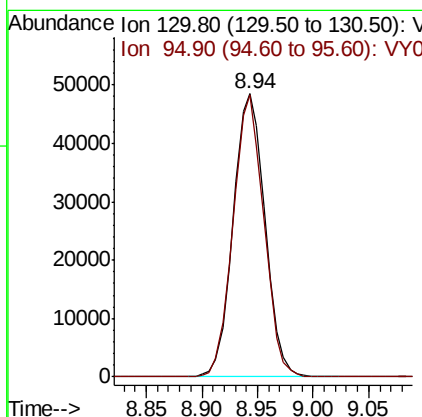
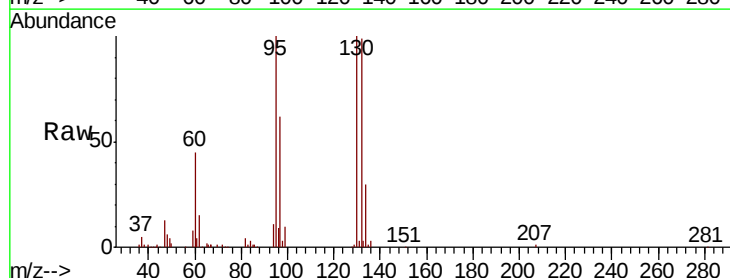
RT: 8.94 min Scan# 1182

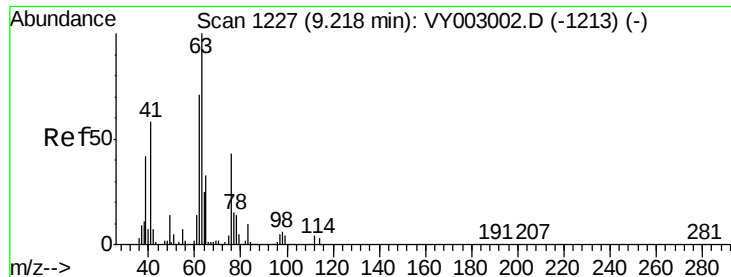
Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion:	130	Resp:	95575
Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	186.4





#45

1,2-Dichloropropane

Concen: 20.067 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 63 Resp: 88517

Ion Ratio Lower Upper

63 100

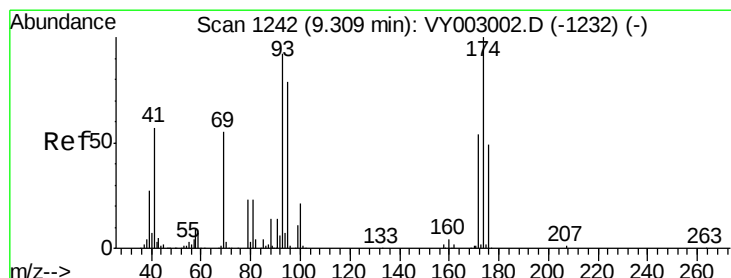
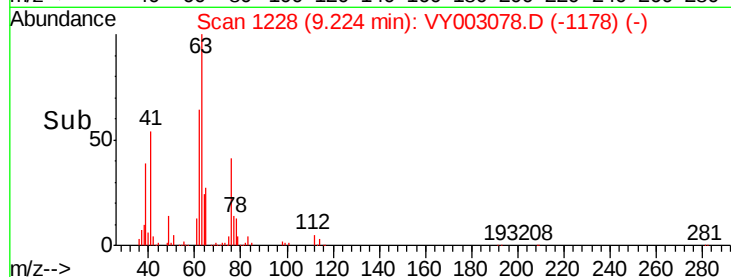
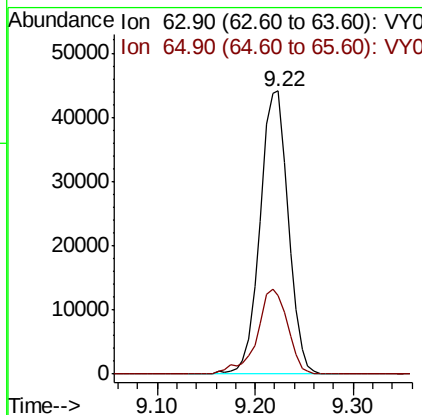
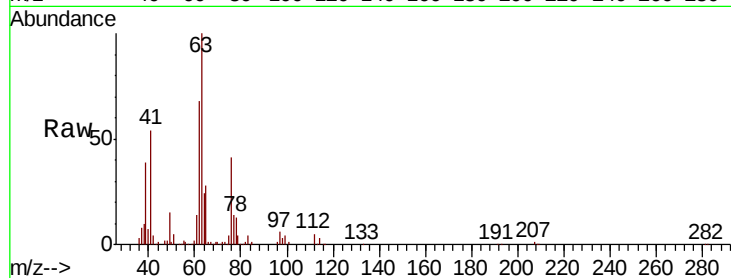
65 27.6 26.2 39.4

Manual Integrations

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#46

Dibromomethane

Concen: 20.171 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

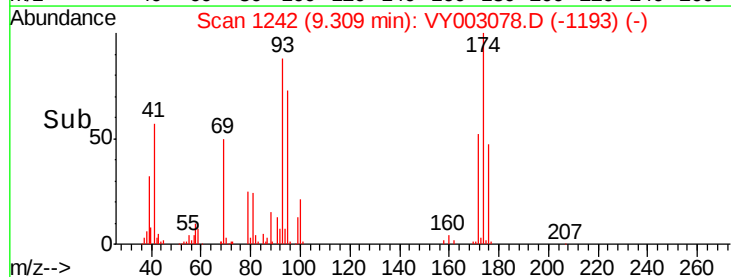
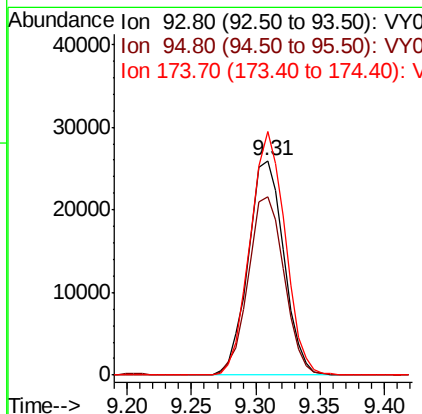
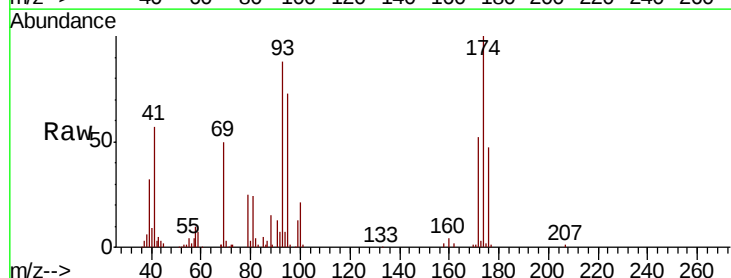
Tgt Ion: 93 Resp: 49695

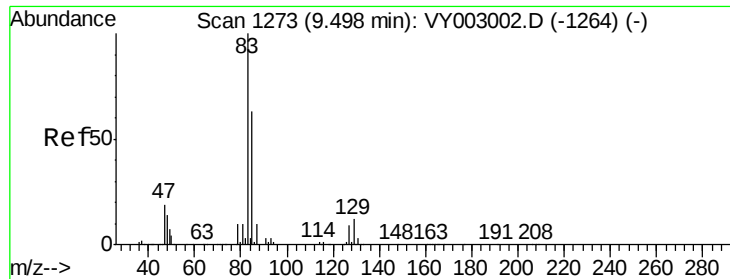
Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 111.2 88.3 132.5





#47

Bromodichloromethane

Concen: 20.322 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

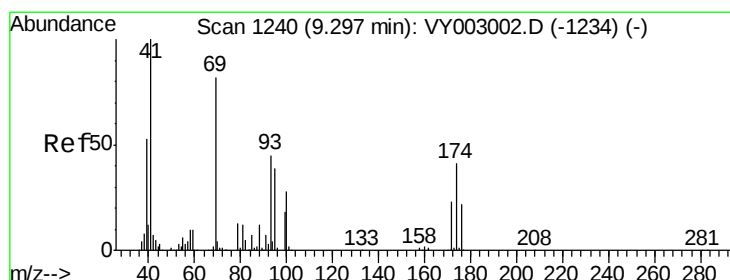
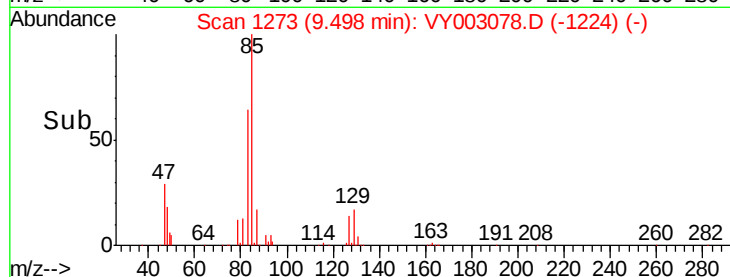
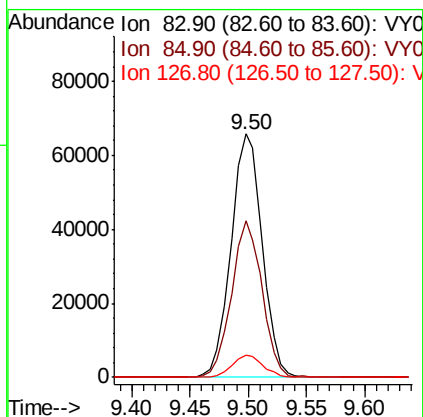
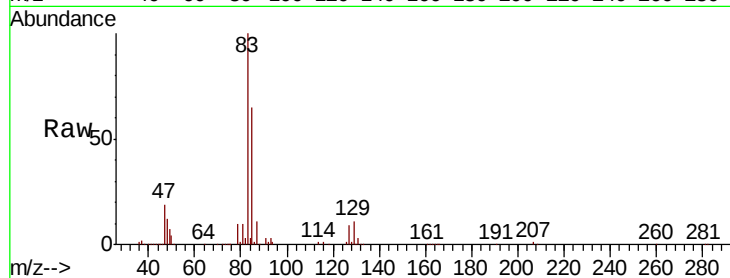
ClientSampleId :

VY0702SBSD01

Tot Ion:	83	Resp:	122596
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.5	75.7
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.879 ug/l

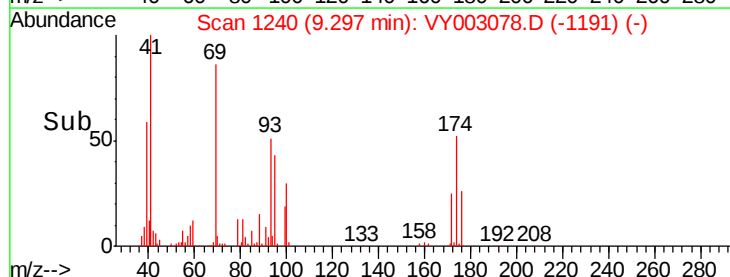
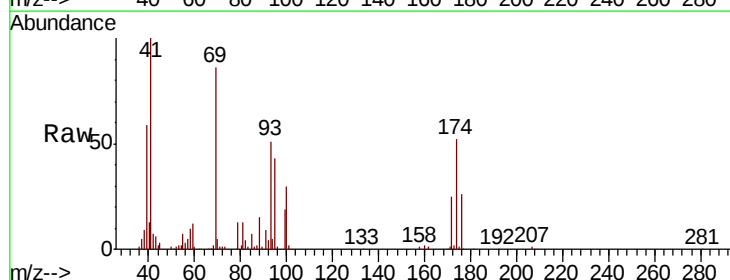
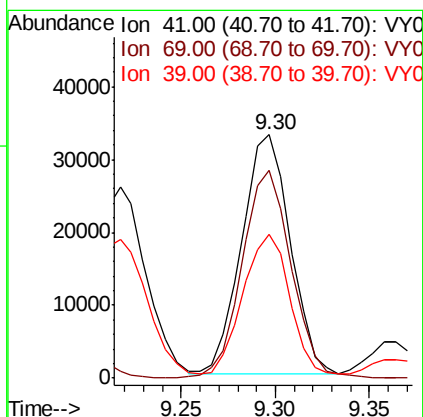
RT: 9.30 min Scan# 1240

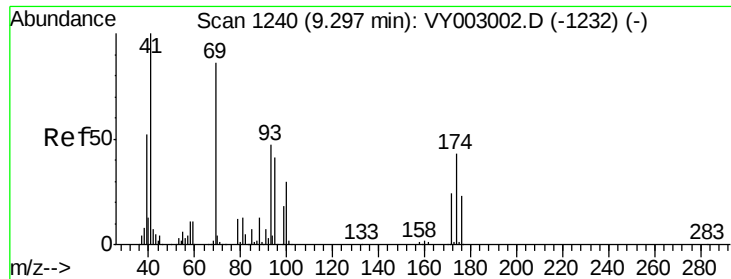
Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion:	41	Resp:	58824
Ion	Ratio	Lower	Upper
41	100		
69	87.6	67.7	101.5
39	59.5	45.0	67.4





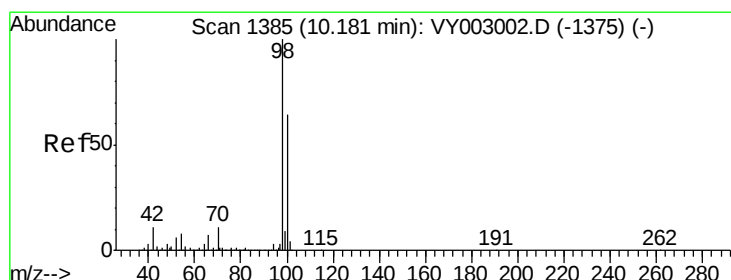
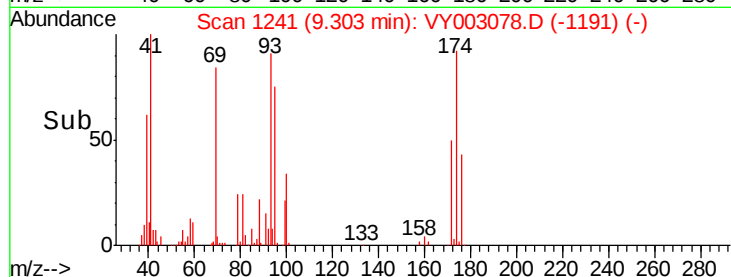
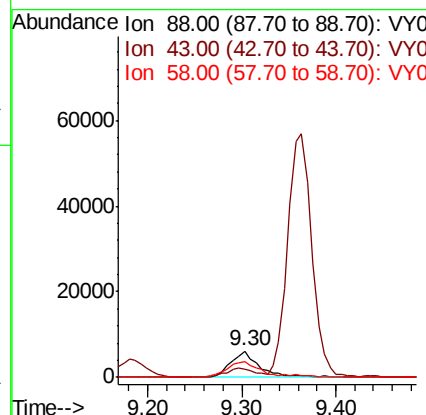
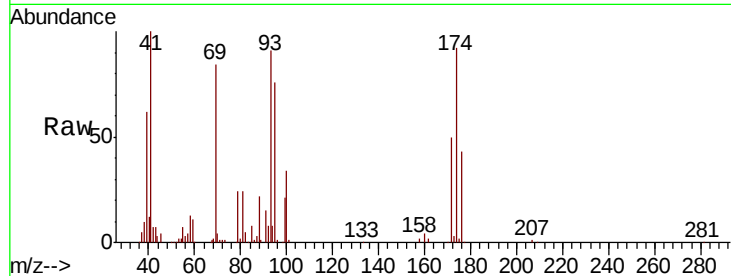
#49
1,4-Dioxane
Concen: 436.017 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	28.6	42.8
58	66.6	56.7	85.1

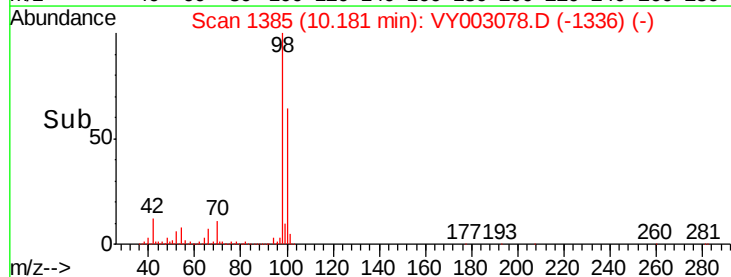
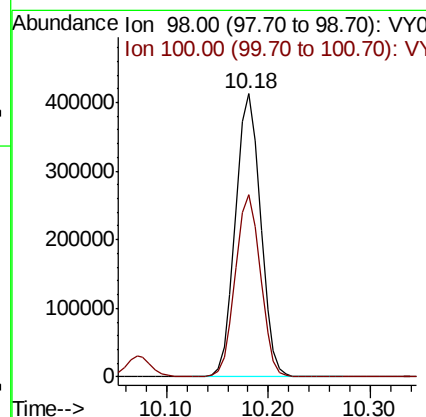
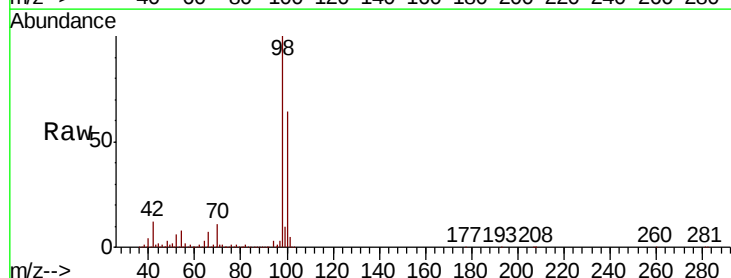
Manual Integrations
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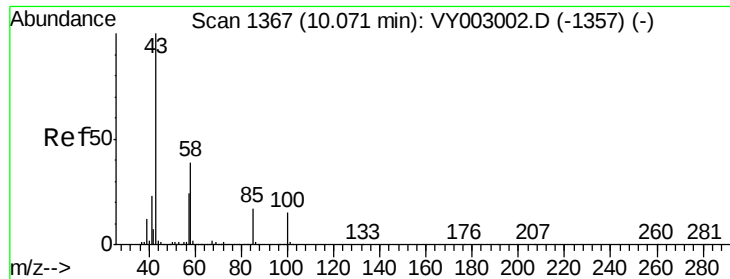
MMDadoda
7/6/2020 10:43:22 AM



#50
Toluene-d8
Concen: 48.572 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 97.493 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 43 Resp: 344944

Ion Ratio Lower Upper

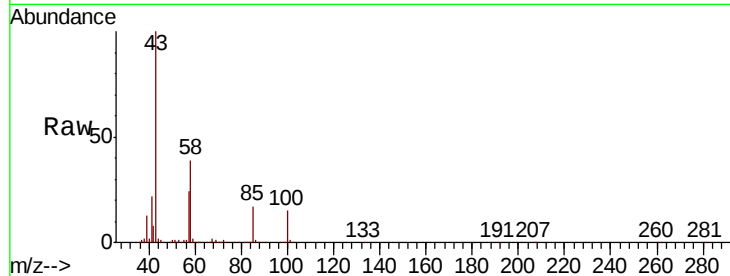
43 100

58 40.1 31.1 46.7

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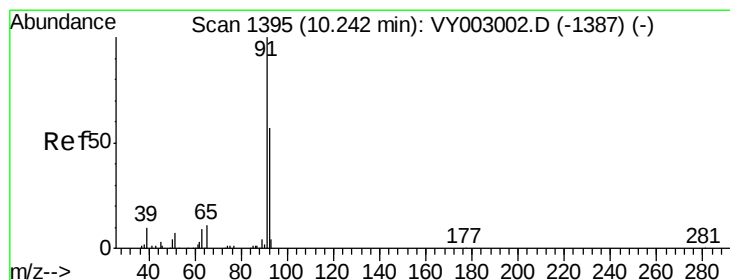
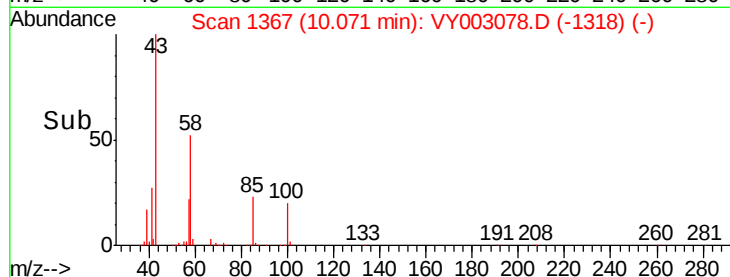
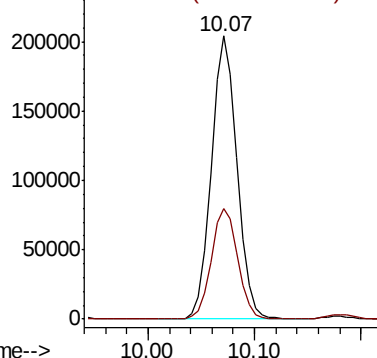
MMDadoda

7/6/2020 10:43:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.250 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY003078.D

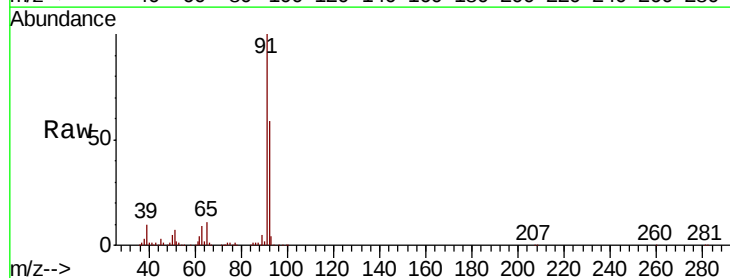
Acq: 02 Jul 2020 12:09

Tgt Ion: 92 Resp: 209006

Ion Ratio Lower Upper

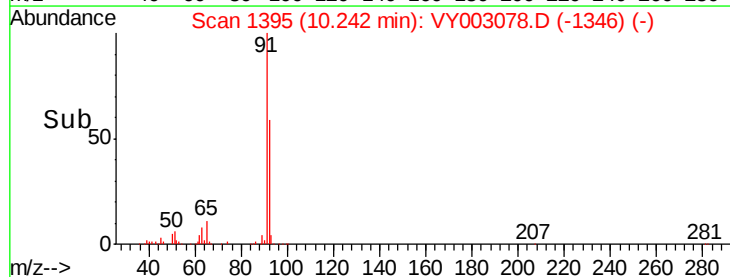
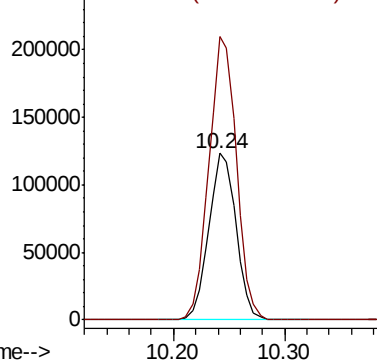
92 100

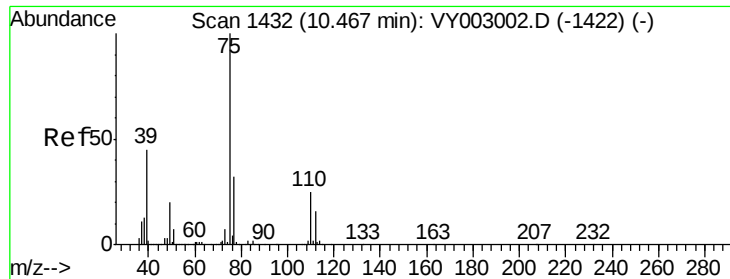
91 172.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.725 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 75 Resp: 124756

Ion Ratio Lower Upper

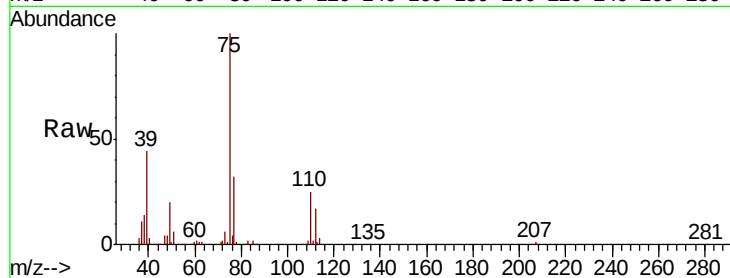
75 100

77 31.9 25.9 38.9

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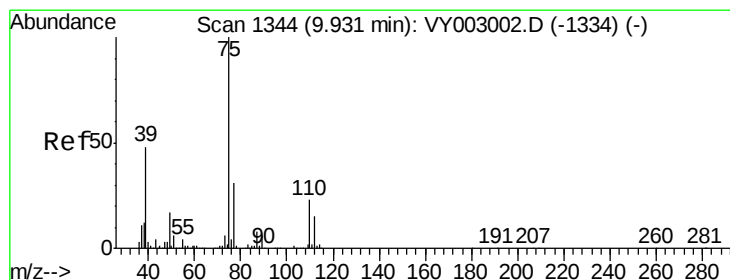
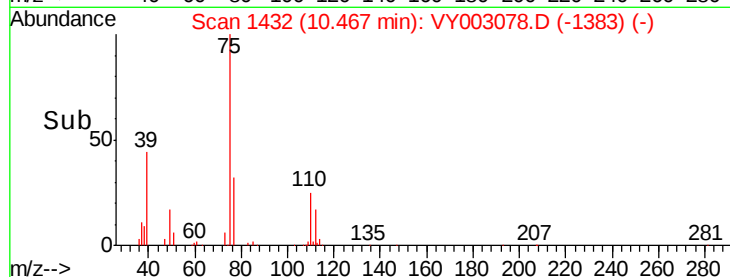
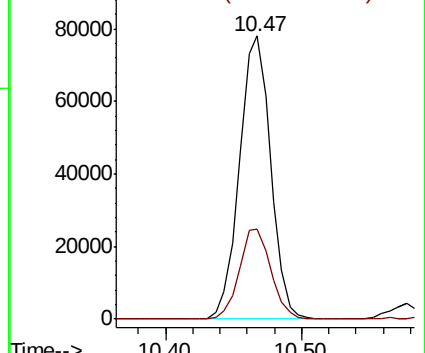
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7/6/2020 10:43:22 AM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 19.609 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

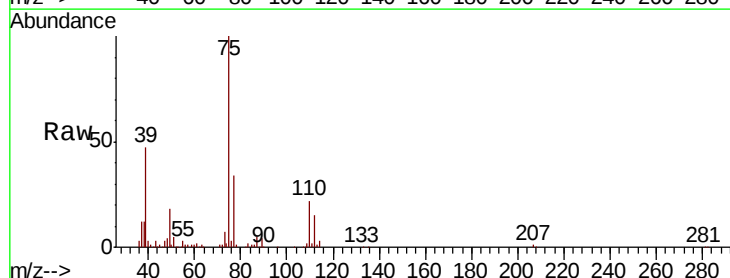
Tgt Ion: 75 Resp: 141839

Ion Ratio Lower Upper

75 100

77 34.0 24.6 37.0

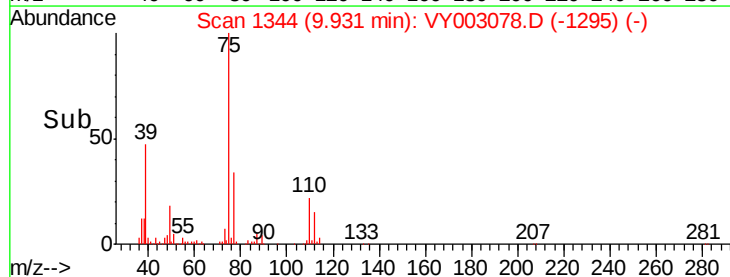
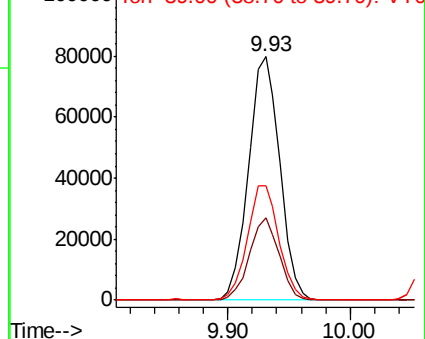
39 47.0 38.3 57.5

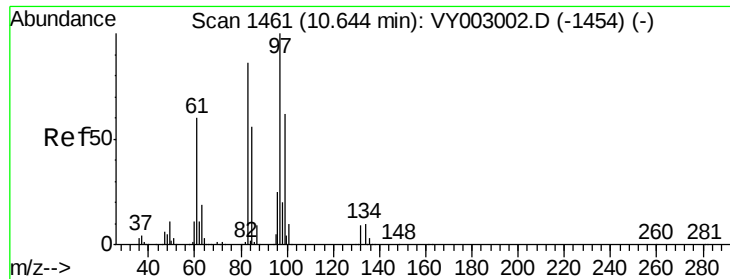


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





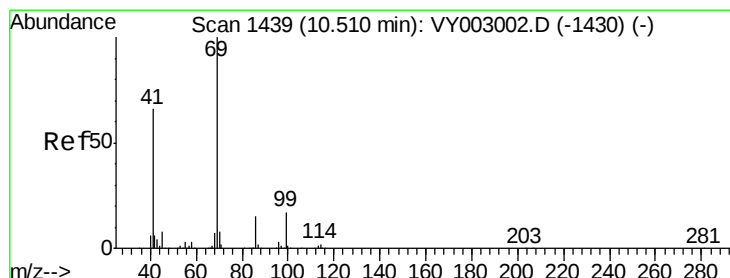
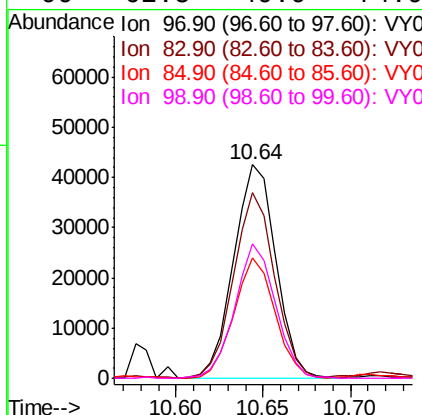
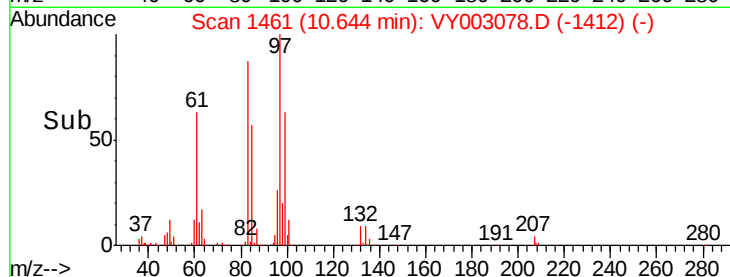
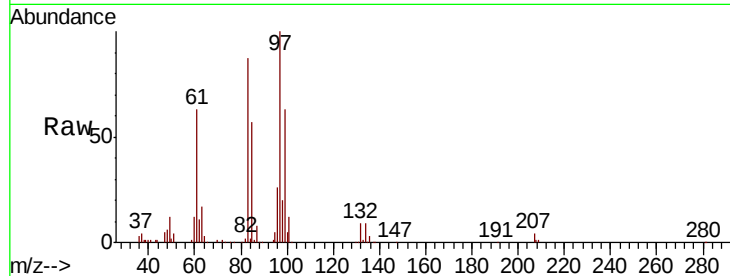
#55
 1,1,2-Trichloroethane
 Concen: 20.851 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion:	97	Resp:	71385
Ion	Ratio	Lower	Upper
97	100		
83	86.7	69.0	103.6
85	56.4	44.8	67.2
99	62.5	49.9	74.9

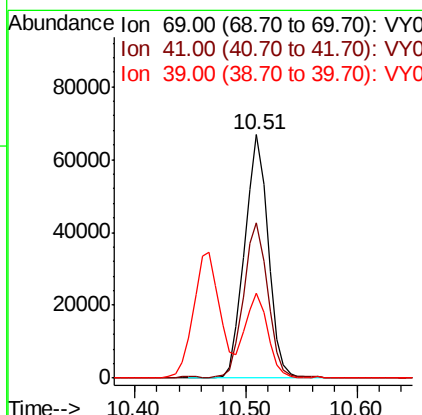
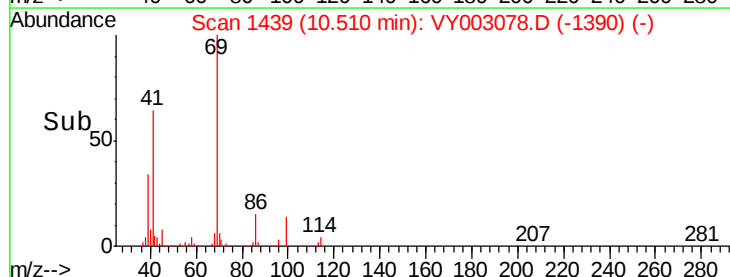
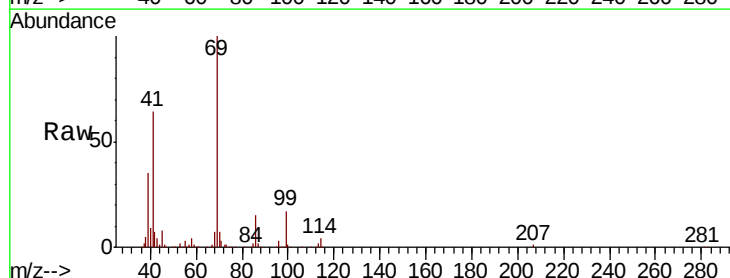
Manual Integrations
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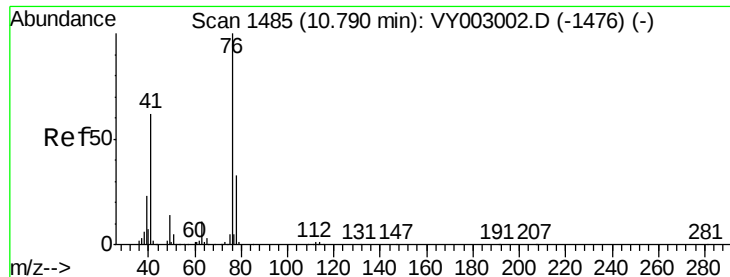
MMDadoda
 7/6/2020 10:43:22 AM



#56
 Ethyl methacrylate
 Concen: 19.900 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion:	69	Resp:	98619
Ion	Ratio	Lower	Upper
69	100		
41	64.9	53.7	80.5
39	32.4	28.3	42.5





#57

1,3-Dichloropropane

Concen: 20.314 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 76 Resp: 122090

Ion Ratio Lower Upper

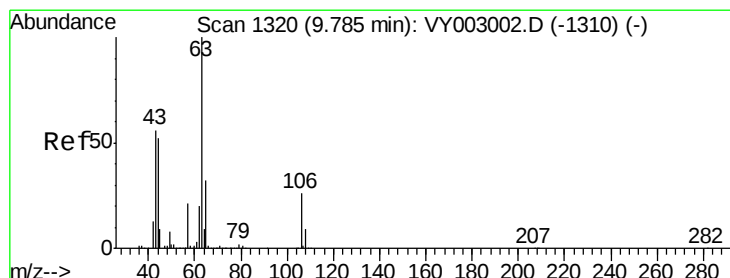
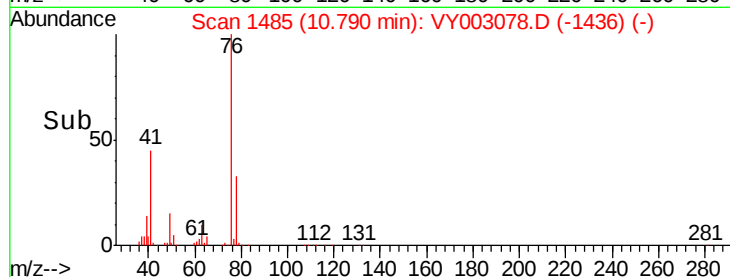
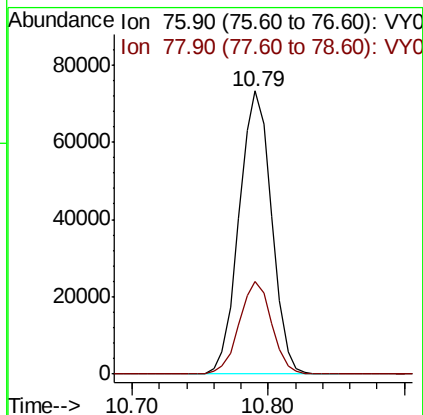
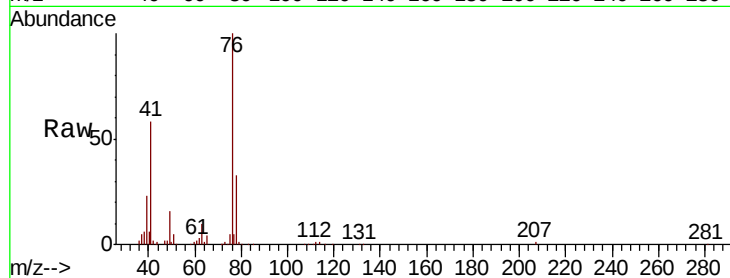
76 100

78 32.7 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

7/6/2020 10:43:22 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.540 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003078.D

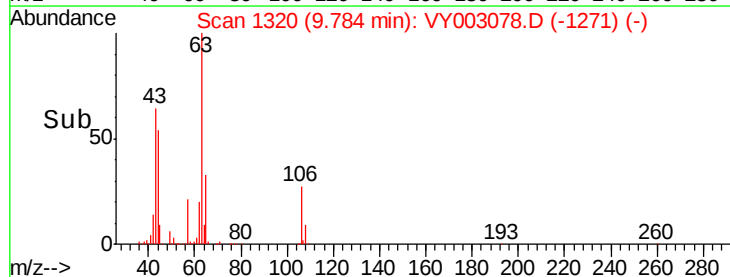
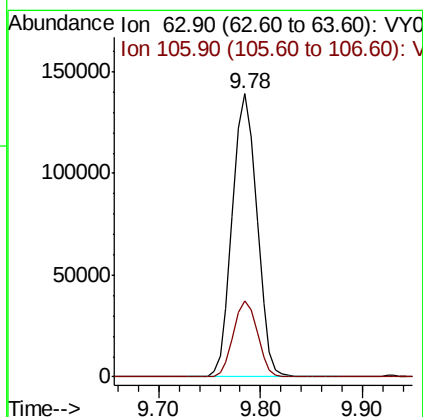
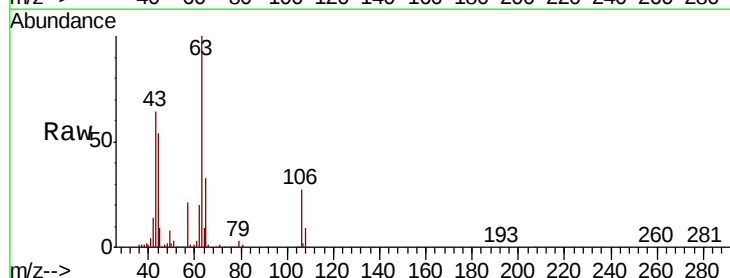
Acq: 02 Jul 2020 12:09

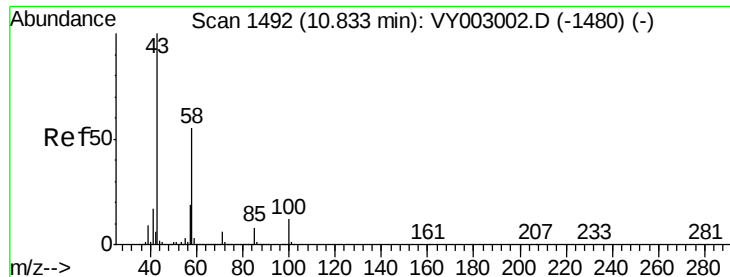
Tgt Ion: 63 Resp: 232666

Ion Ratio Lower Upper

63 100

106 26.3 21.5 32.3





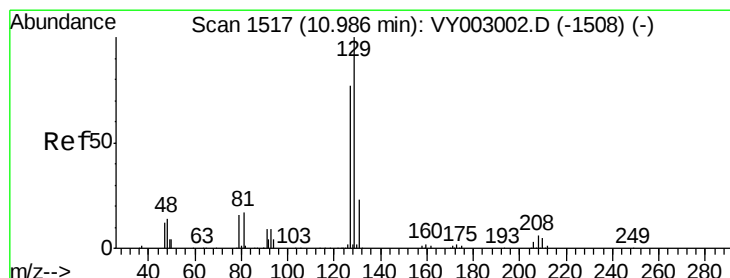
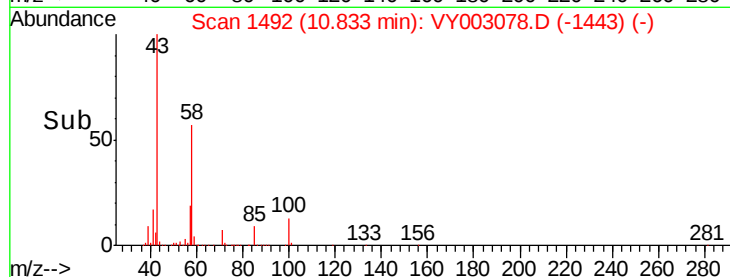
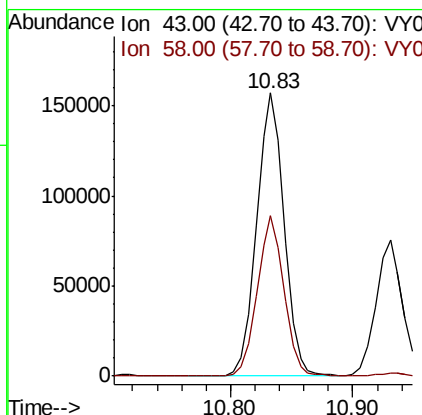
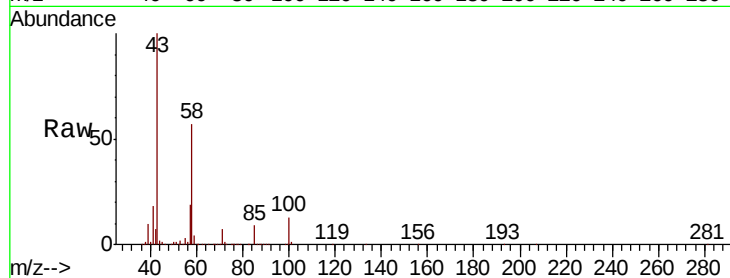
#59
2-Hexanone
Concen: 99.172 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.5	82.4

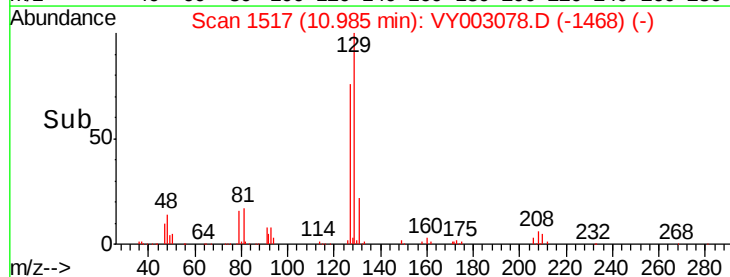
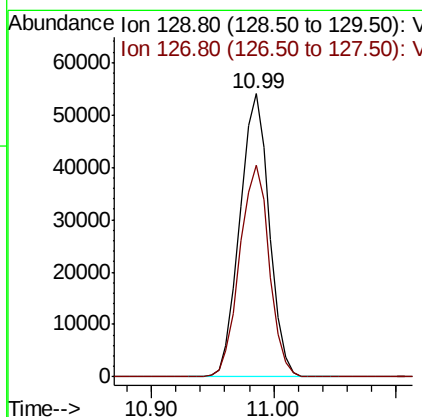
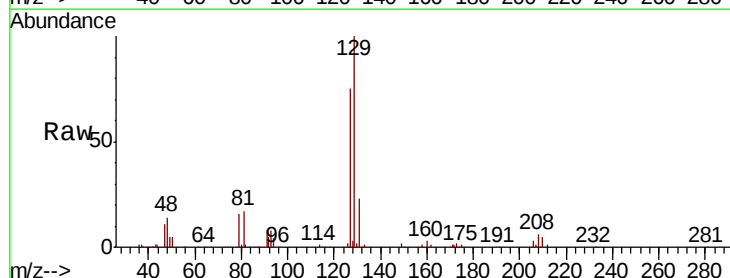
Manual Integrations
APPROVED

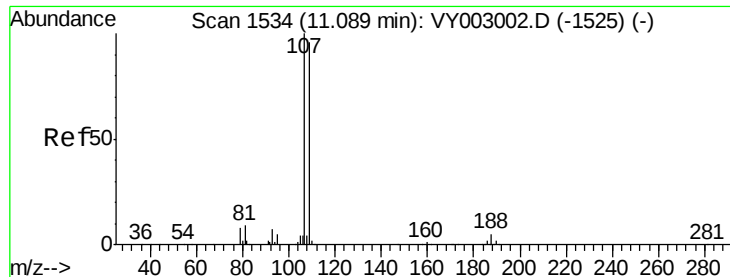
MMDadoda
7/6/2020 10:43:22 AM



#60
Dibromochloromethane
Concen: 20.550 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.3	39.1	117.3





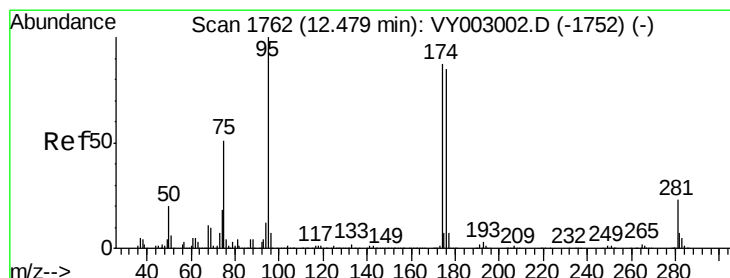
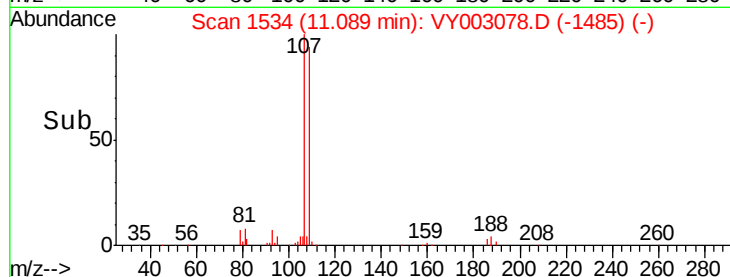
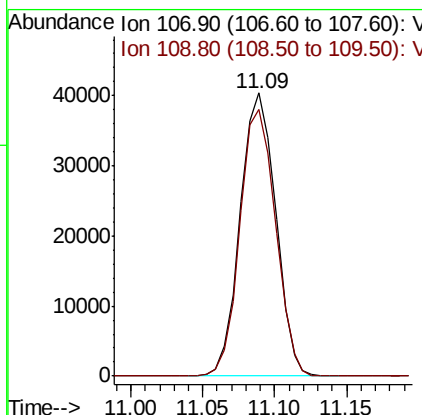
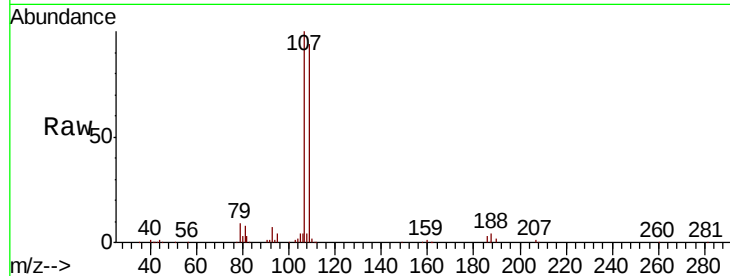
#61
 1,2-Dibromoethane
 Concen: 20.473 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.8	113.8

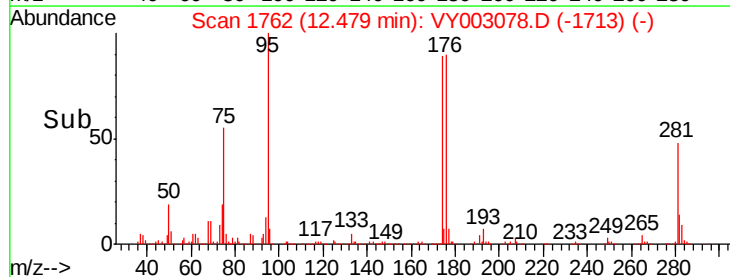
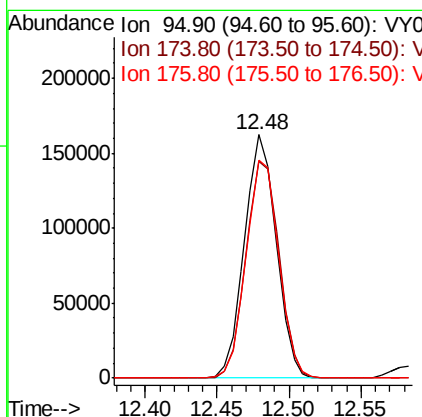
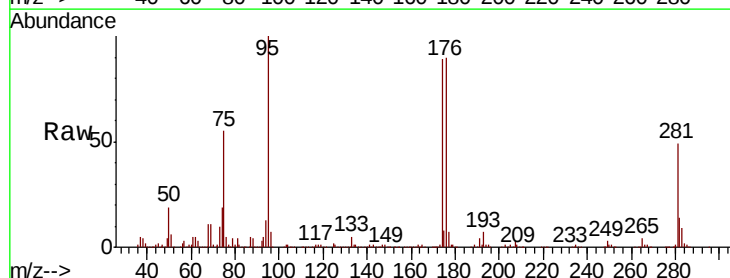
Manual Integrations
 APPROVED

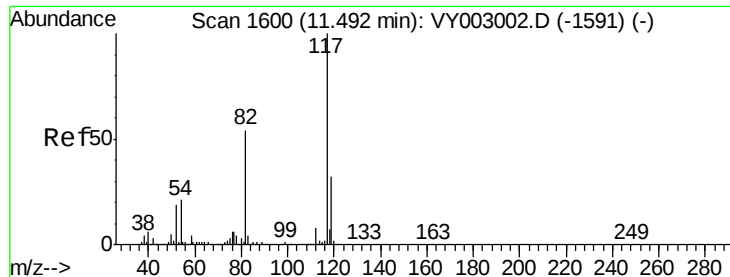
MMDadoda
 7/6/2020 10:43:22 AM



#62
 4-Bromofluorobenzene
 Concen: 48.971 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	184.8
176	91.5	0.0	183.0





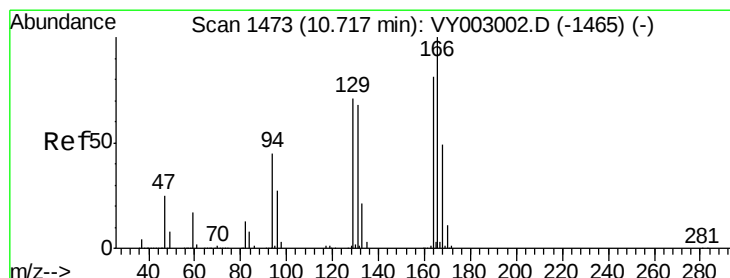
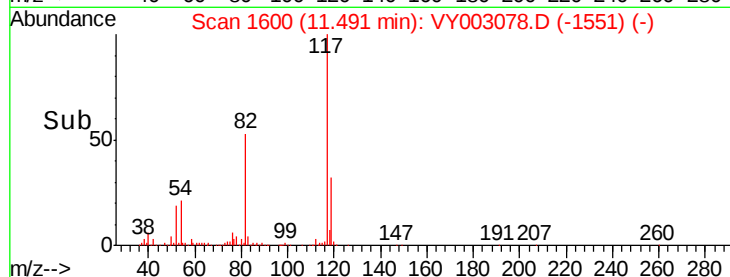
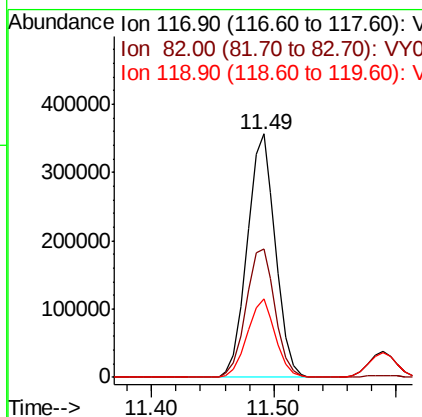
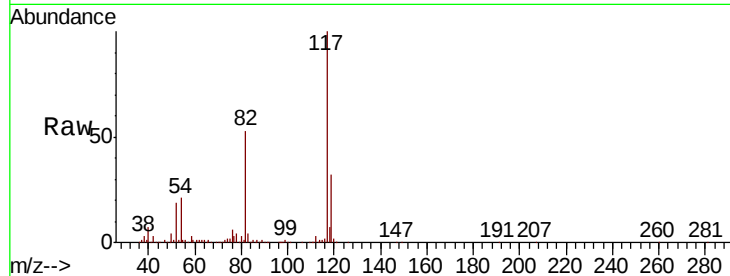
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	569818		
82	52.8		43.0	64.6
119	32.3		25.8	38.8

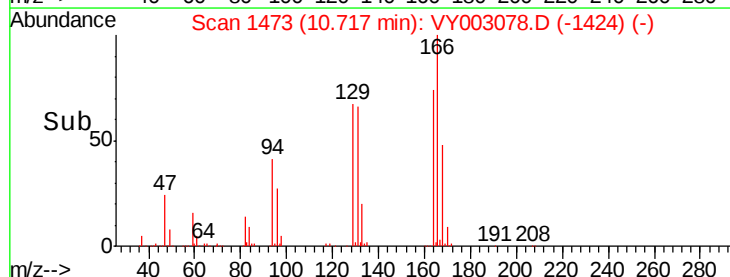
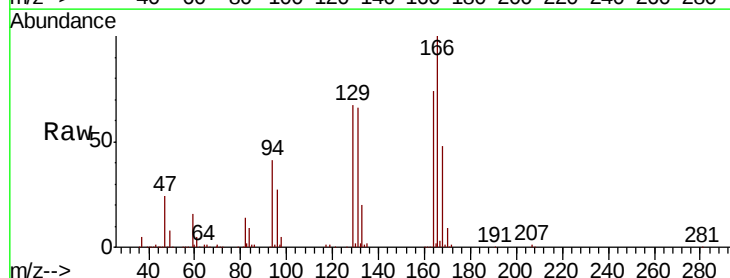
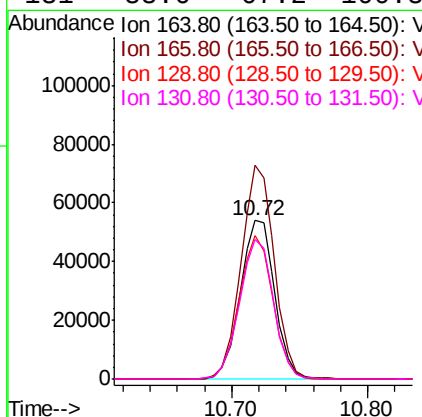
Manual Integrations
APPROVED

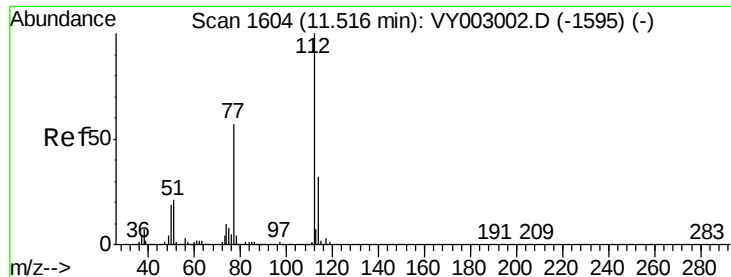
MMDadoda
7/6/2020 10:43:22 AM



#64
Tetrachloroethene
Concen: 19.619 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94613		
166	135.0		98.5	147.7
129	90.5		69.7	104.5
131	88.6		67.2	100.8





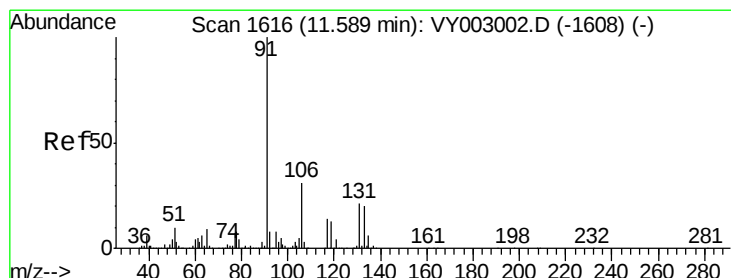
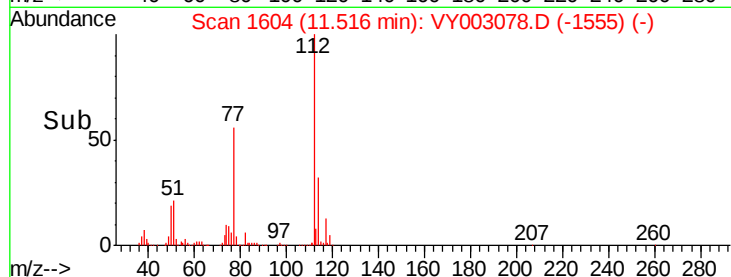
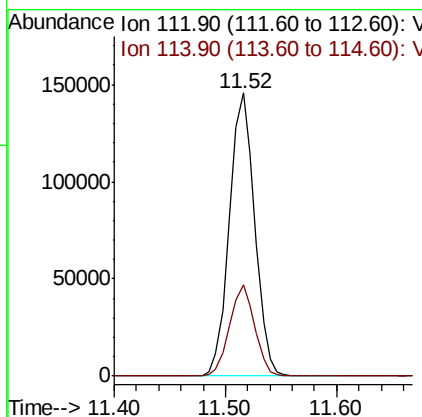
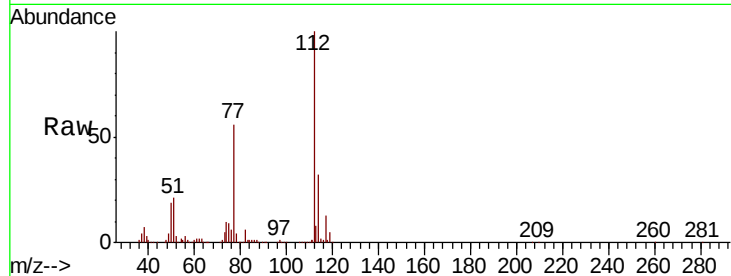
#65
Chlorobenzene
Concen: 20.386 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

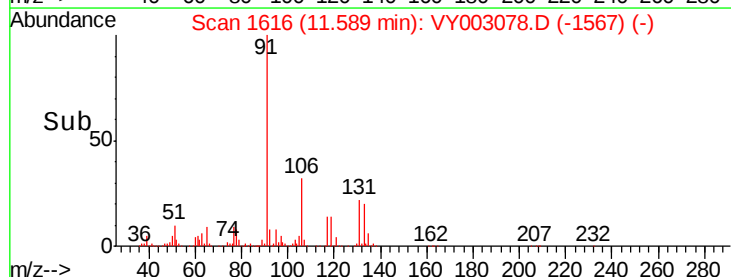
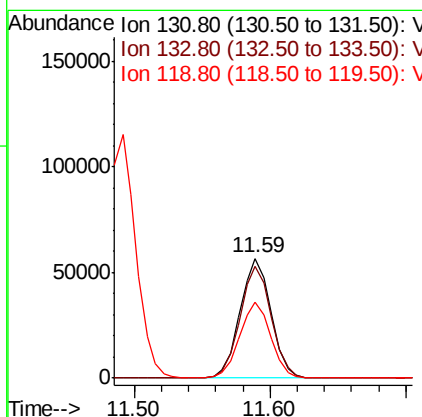
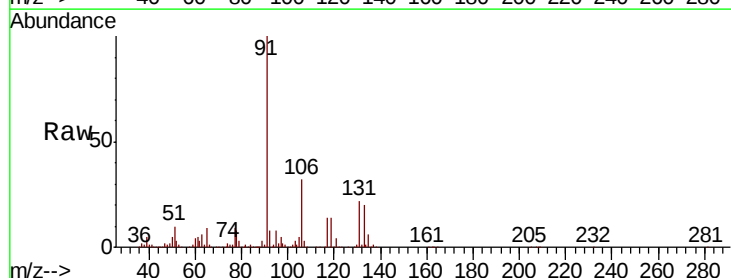
Manual Integrations
APPROVED

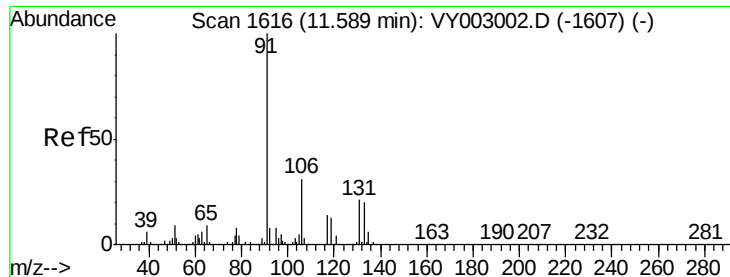
MMDadoda
7/6/2020 10:43:22 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.468 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.9	143.8
119	64.0	31.8	95.3





#67

Ethyl Benzene

Concen: 20.013 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampled :

VY0702SBSD01

Tot Ion: 91 Resp: 411359

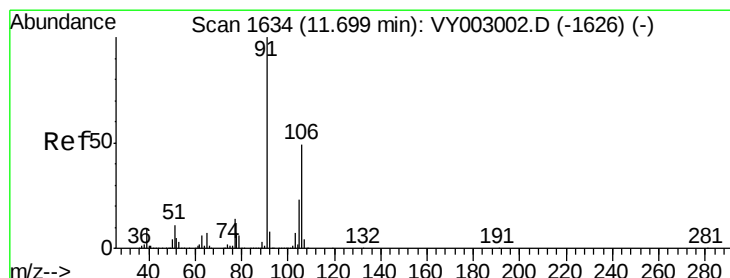
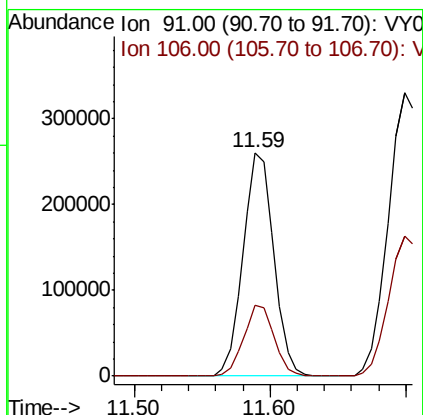
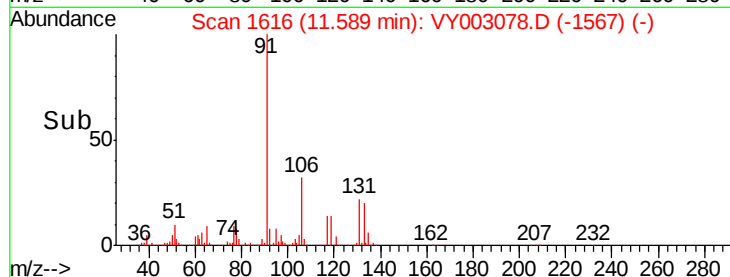
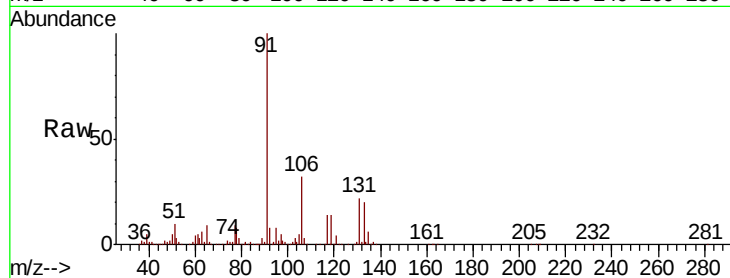
Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4

Manual Integrations
APPROVED

MMDadoda
7/6/2020 10:43:22 AM



#68

m/p-Xylenes

Concen: 39.773 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003078.D

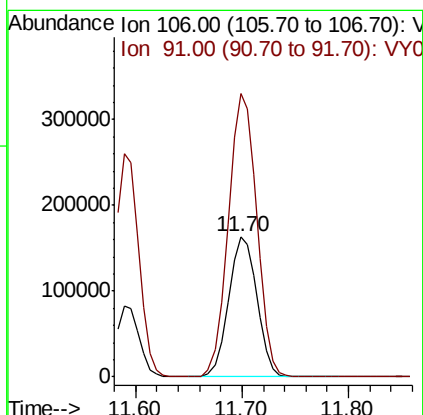
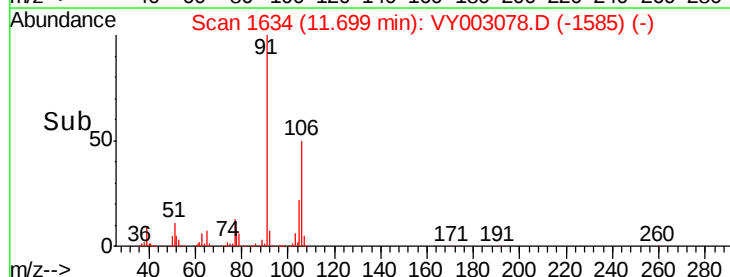
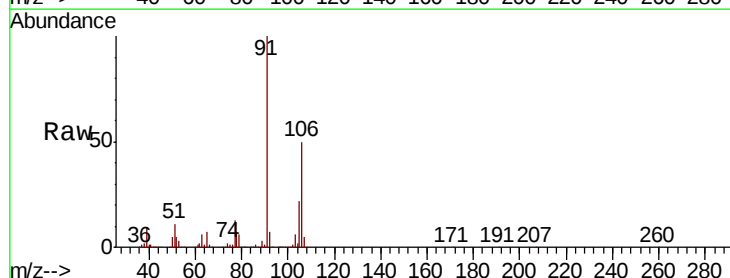
Acq: 02 Jul 2020 12:09

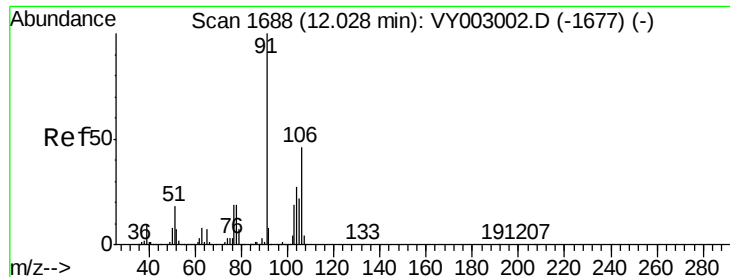
Tgt Ion: 106 Resp: 304269

Ion Ratio Lower Upper

106 100

91 203.2 161.9 242.9





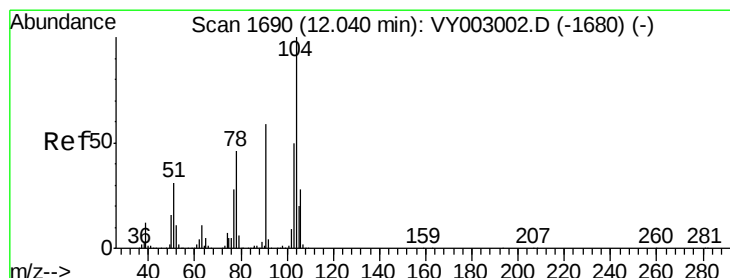
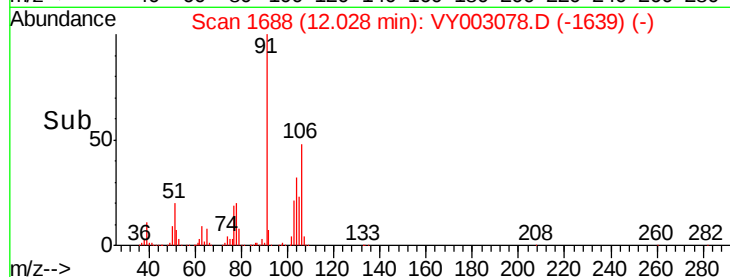
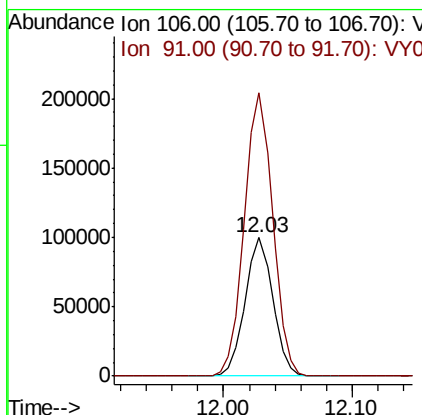
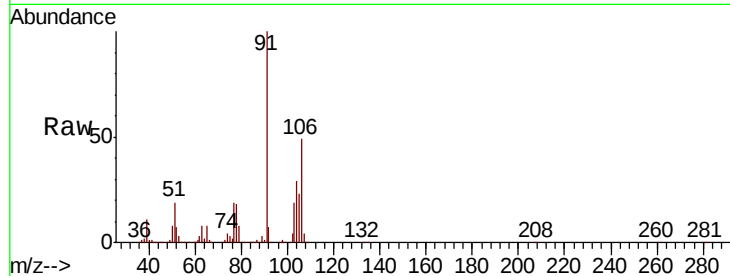
#69
o-Xylene
Concen: 20.535 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	107.9	323.8

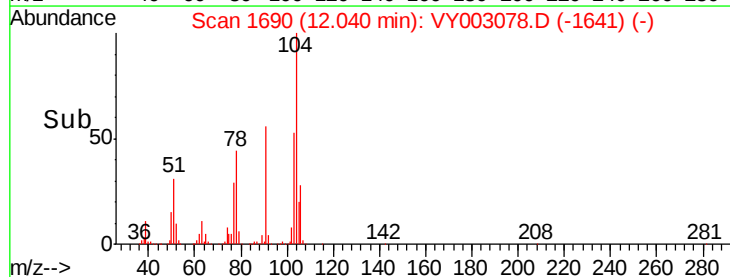
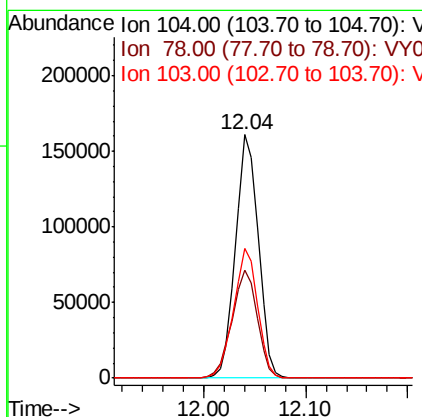
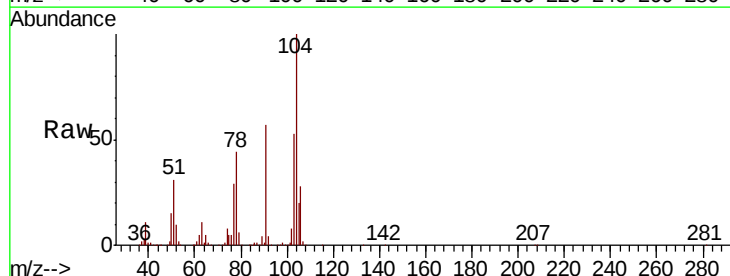
Manual Integrations
APPROVED

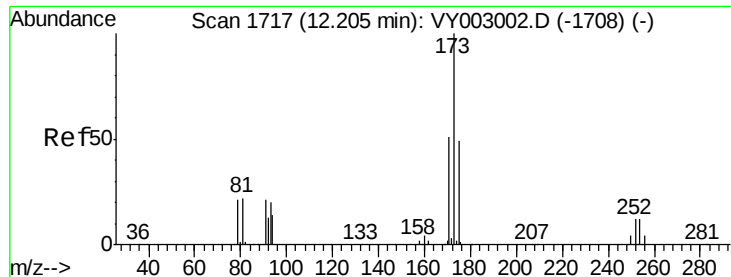
MMDadoda
7/6/2020 10:43:22 AM



#70
Styrene
Concen: 20.124 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	40.4	60.6
103	56.2	44.1	66.1





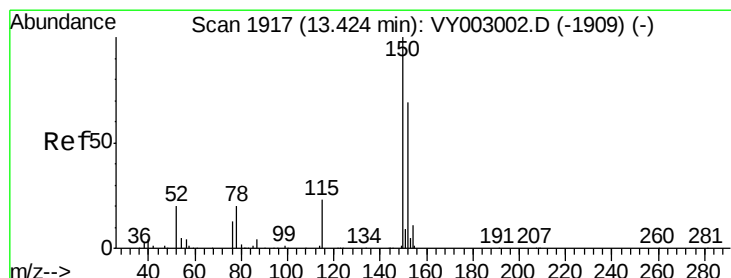
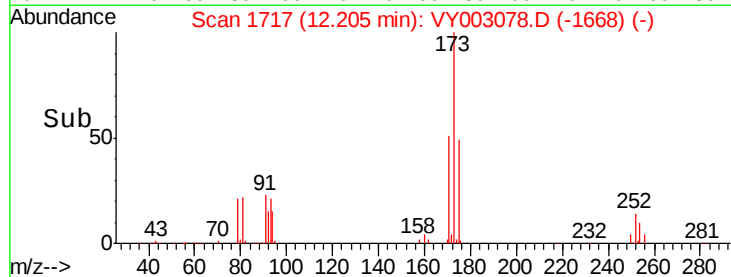
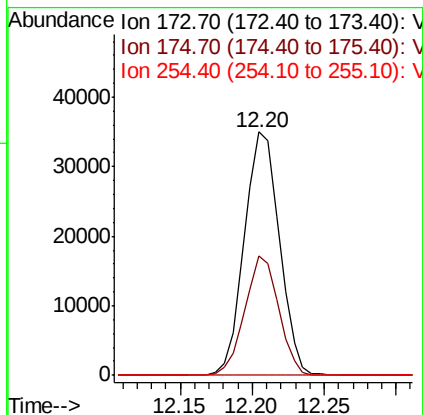
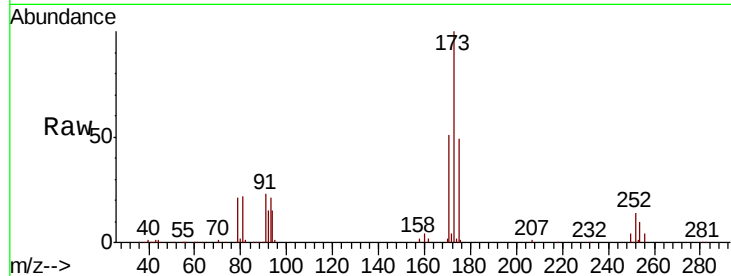
#71
Bromoform
Concen: 20.128 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.6	73.6
254	0.0	0.2	0.2

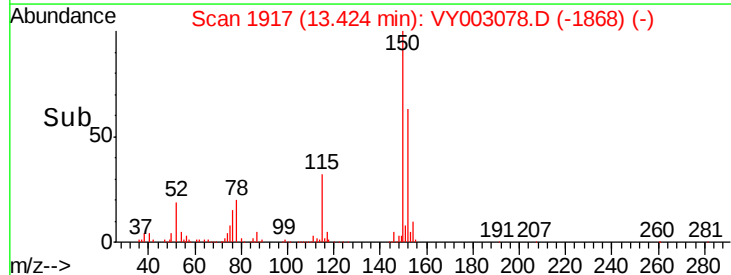
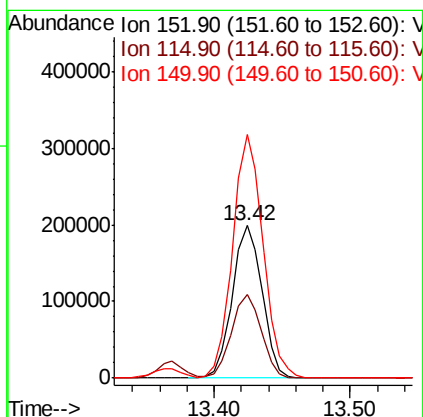
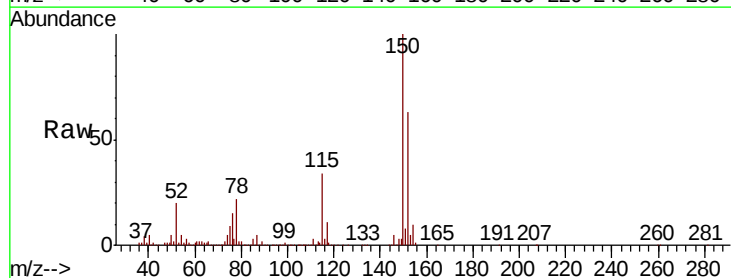
Manual Integrations
APPROVED

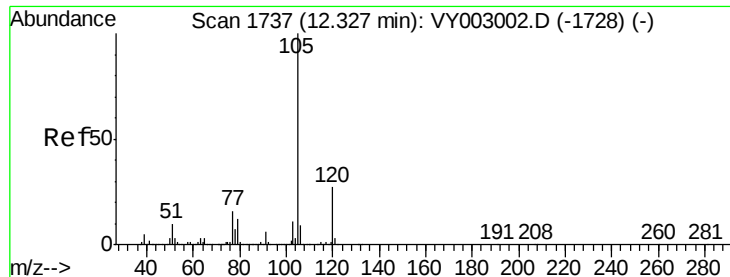
MMDadoda
7/6/2020 10:43:22 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	163.4	0.0	343.4





#73

Isopropylbenzene

Concen: 20.344 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 105 Resp: 402202

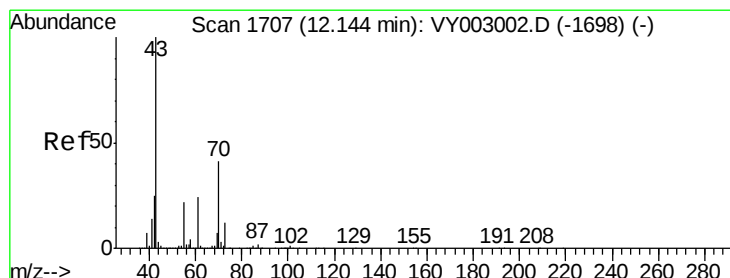
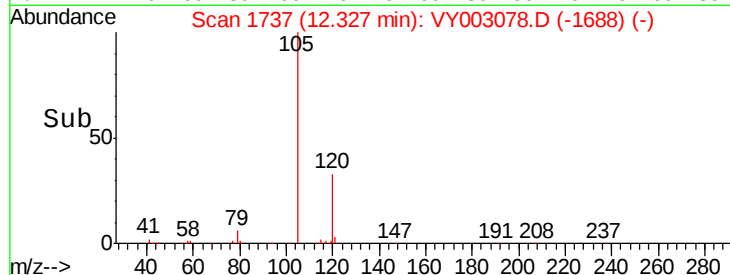
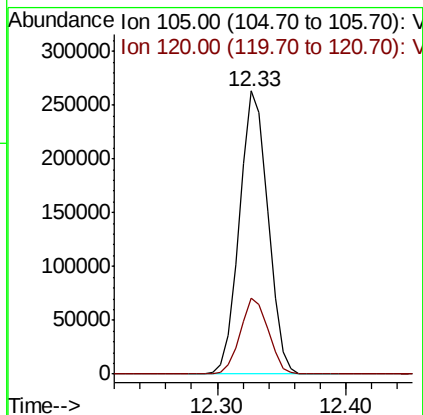
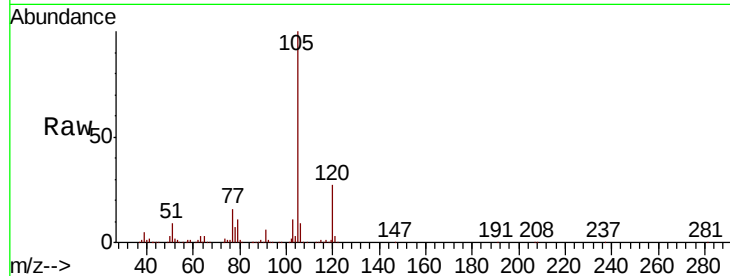
Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.1

Manual Integrations
APPROVED

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7/6/2020 10:43:22 AM



#74

N-ethyl acetate

Concen: 19.345 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion: 43 Resp: 124503

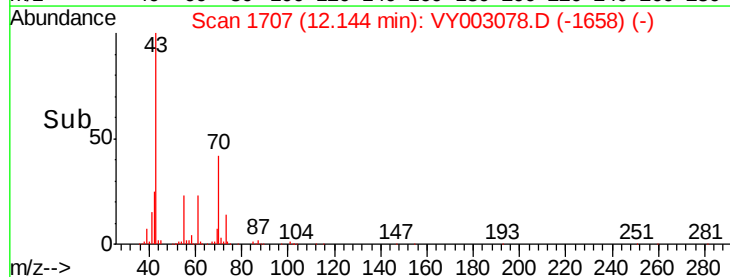
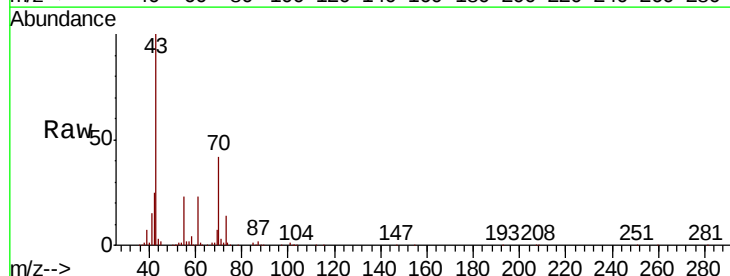
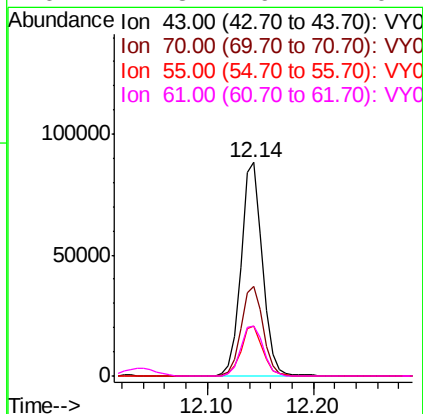
Ion Ratio Lower Upper

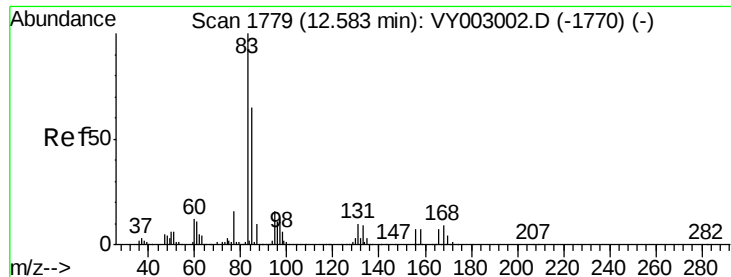
43 100

70 42.6 33.0 49.4

55 23.7 18.2 27.2

61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.842 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

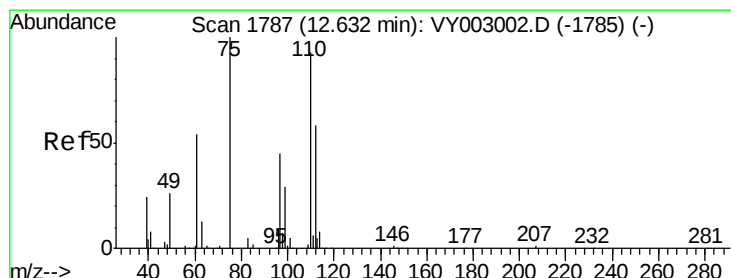
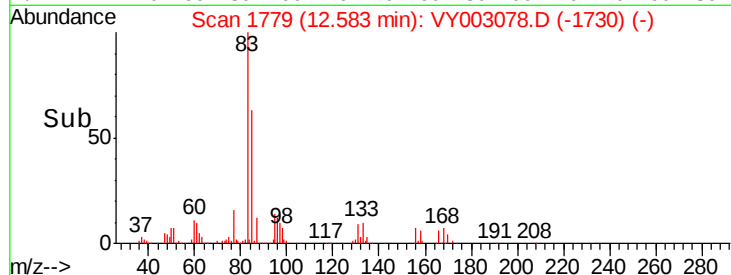
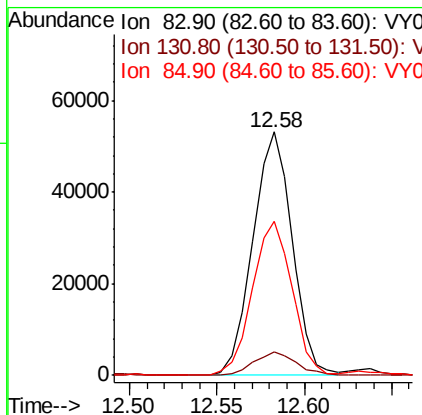
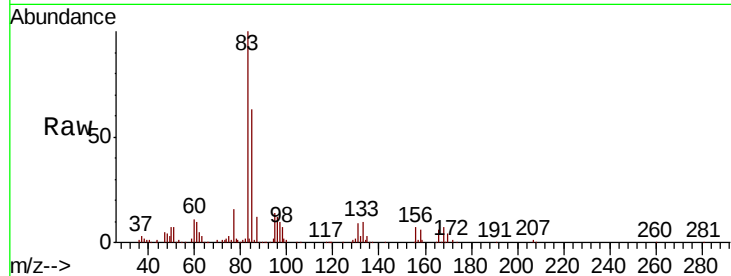
ClientSampleId :

VY0702SBSD01

Tot Ion:	83	Resp:	83152
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	63.8	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.050 ug/l m

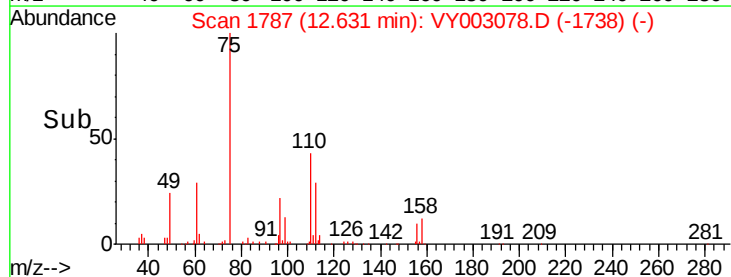
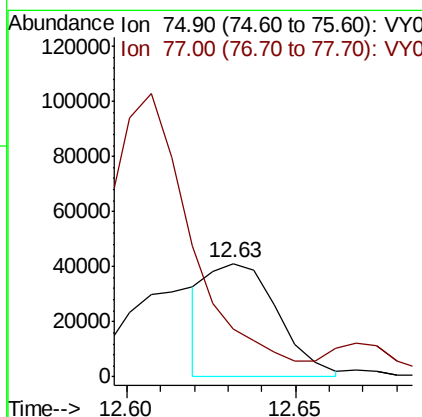
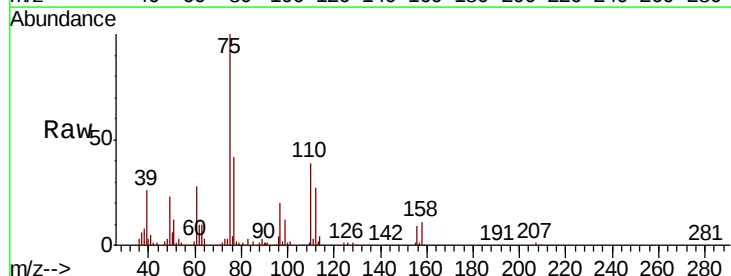
RT: 12.63 min Scan# 1787

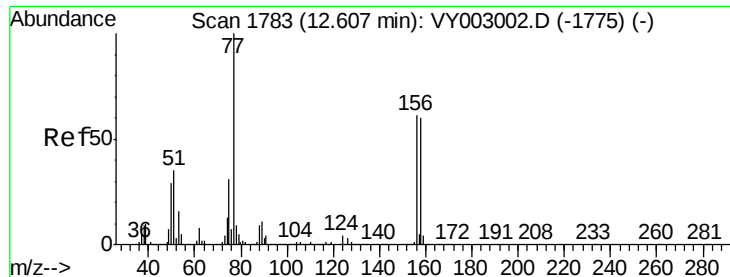
Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion:	75	Resp:	59942
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.793 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

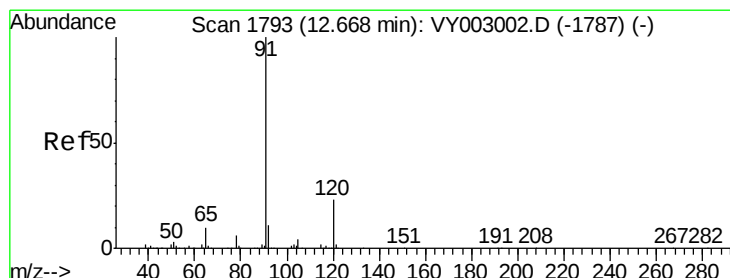
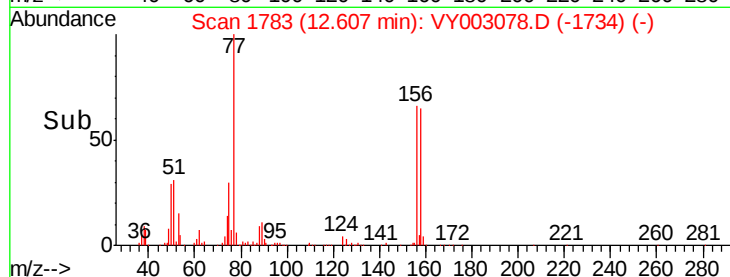
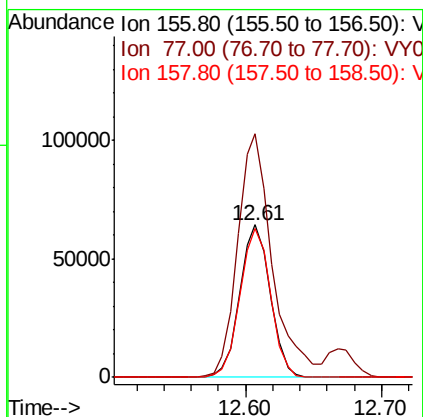
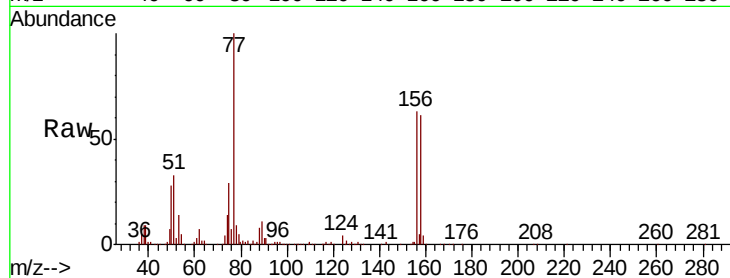
ClientSampleId :

VY0702SBSD01

Tot Ion:	156	Resp:	100332
Ion Ratio	Lower	Upper	
156	100		
77	180.6	90.0	270.0
158	98.4	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 20.234 ug/l

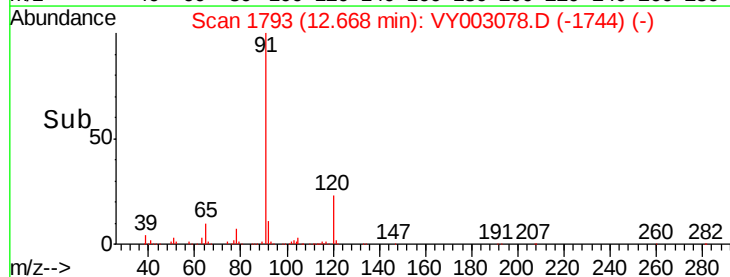
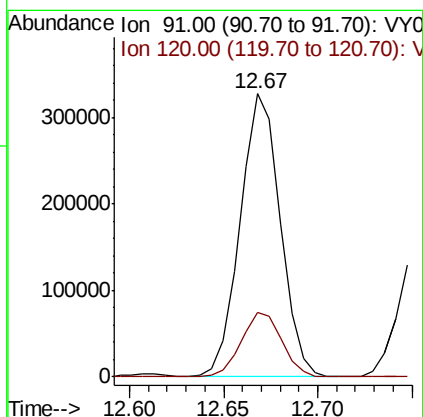
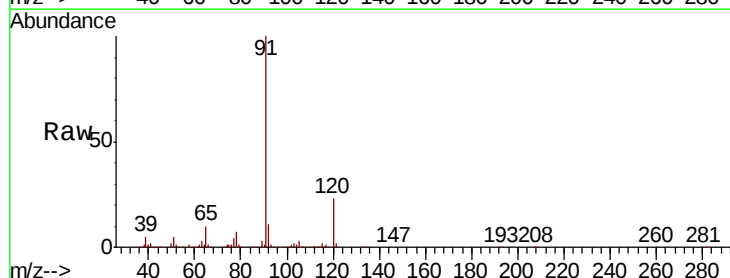
RT: 12.67 min Scan# 1793

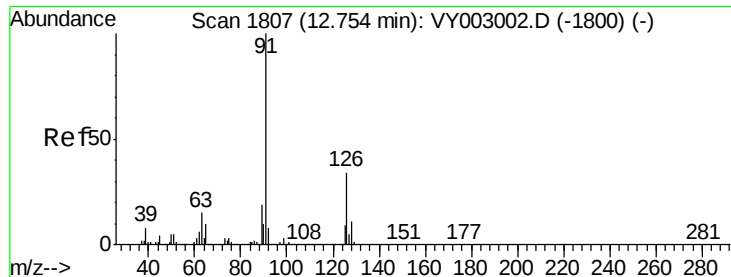
Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Tgt Ion:	91	Resp:	481077
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 19.980 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion: 91 Resp: 265165

Ion Ratio Lower Upper

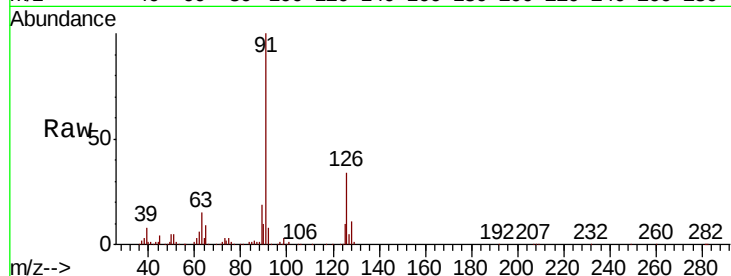
91 100

126 35.8 17.1 51.3

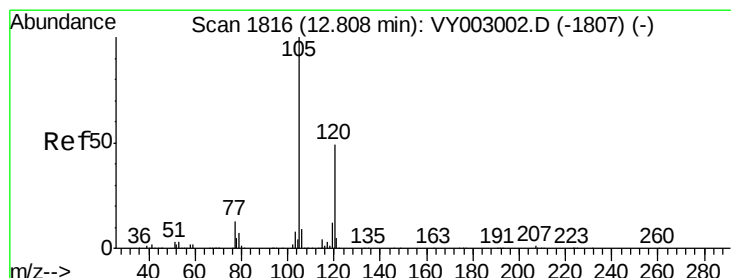
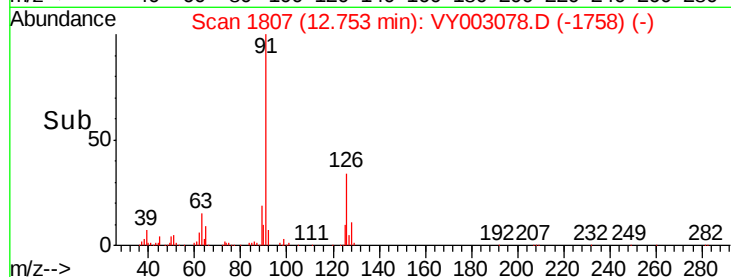
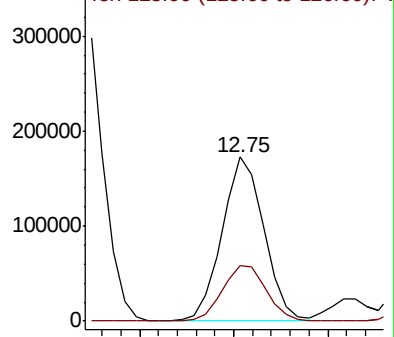
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY003078.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.277 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003078.D

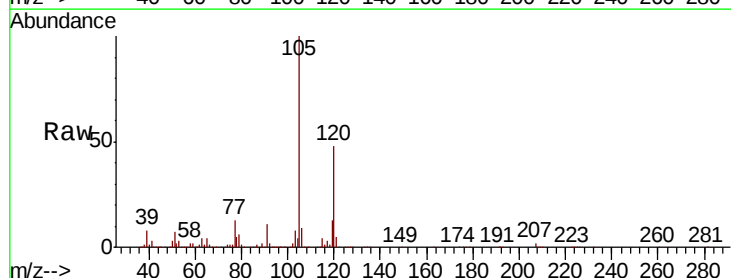
Acq: 02 Jul 2020 12:09

Tgt Ion: 105 Resp: 336396

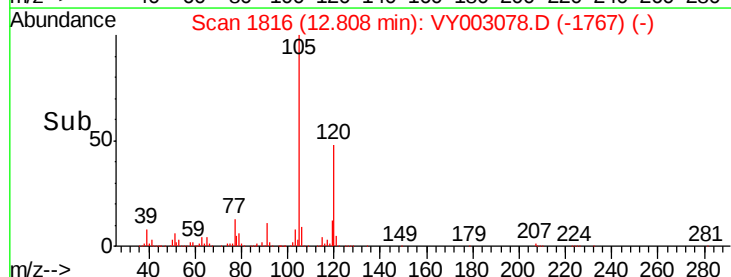
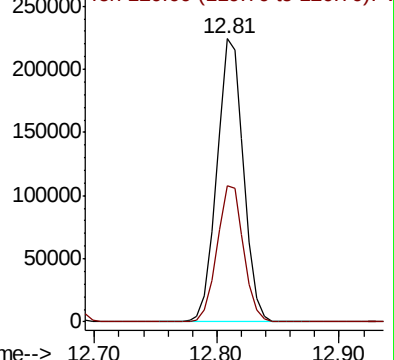
Ion Ratio Lower Upper

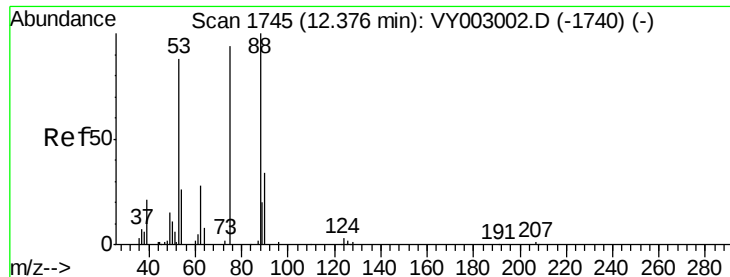
105 100

120 48.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VY003078.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.543 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

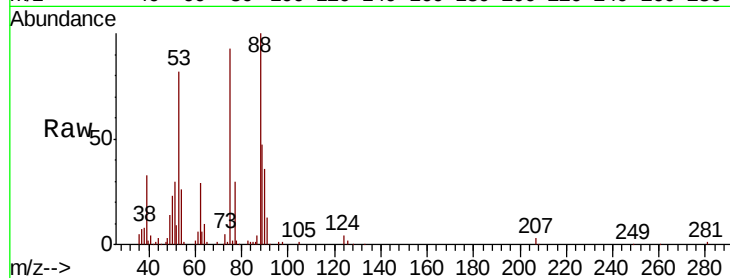
ClientSampleId :

VY0702SBSD01

Tot Ion:	75	Resp:	30030
Ion	Ratio	Lower	Upper
75	100		
53	89.6	73.9	110.9
89	46.3	37.5	56.3

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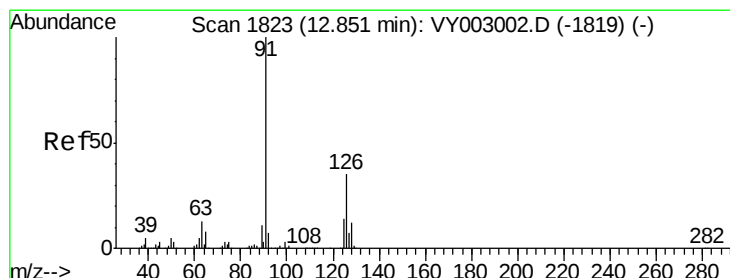
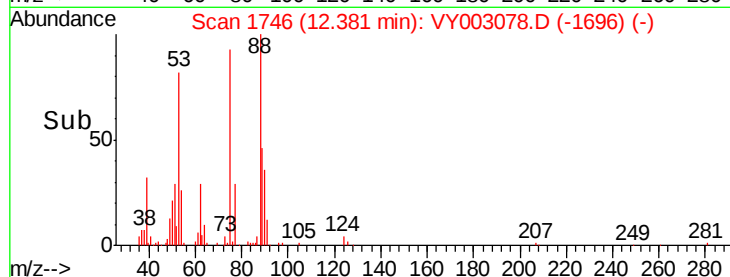
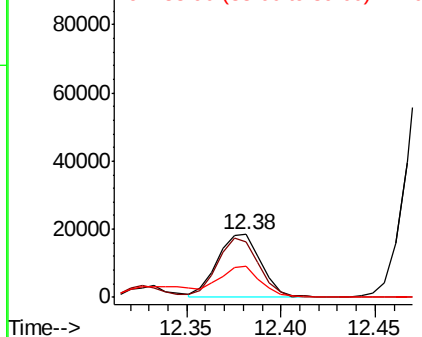


Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.228 ug/l

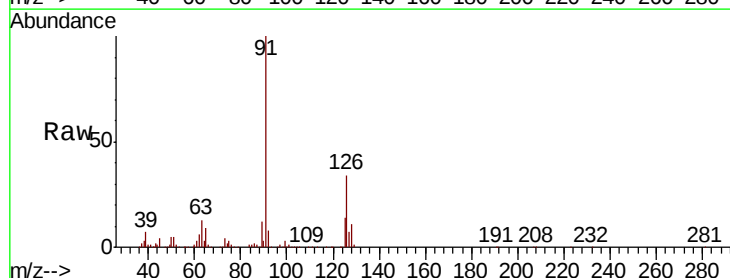
RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

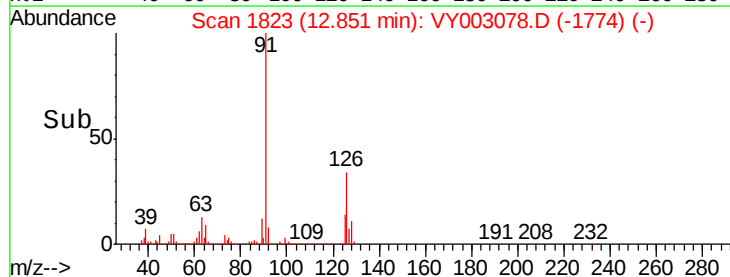
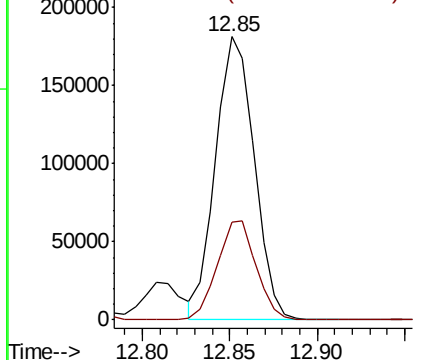
Tgt Ion:	91	Resp:	279496
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.4	52.3

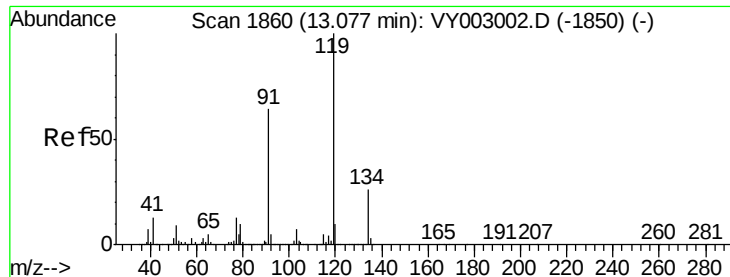


Abundance

Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





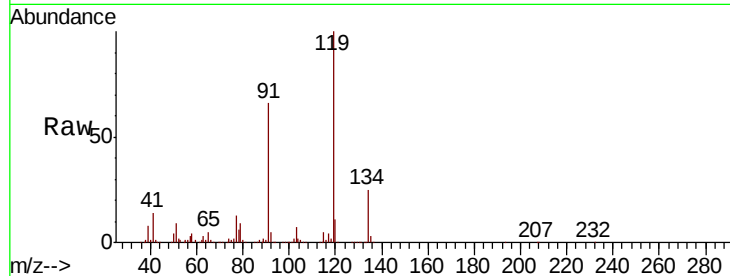
#83
tert-Butylbenzene
Concen: 20.222 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	294569		
91	62.8	31.6	95.0	
134	26.5	13.2	39.5	

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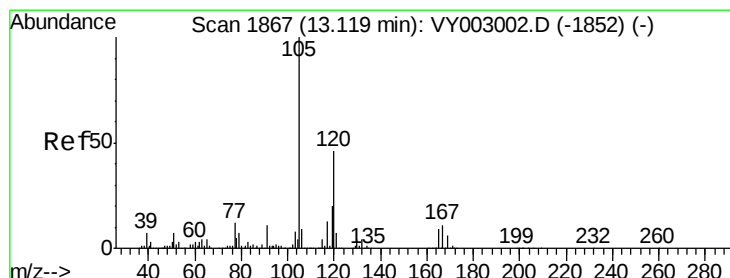
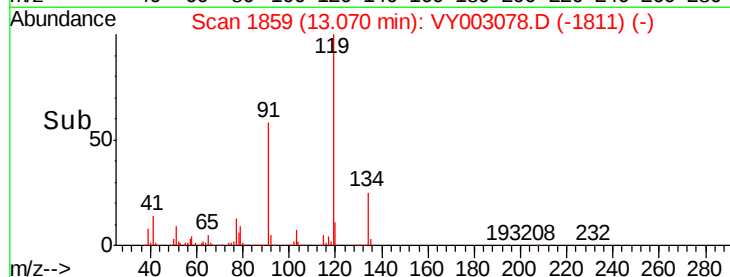
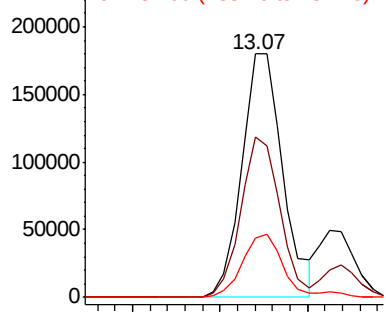


Abundance

Ion 119.00 (118.70 to 119.70): V

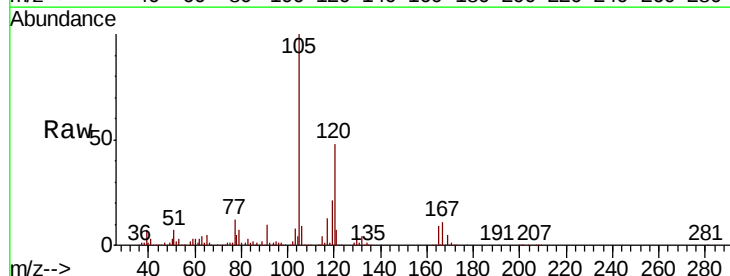
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 20.332 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

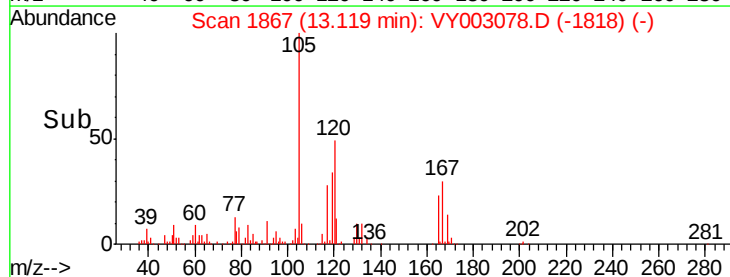
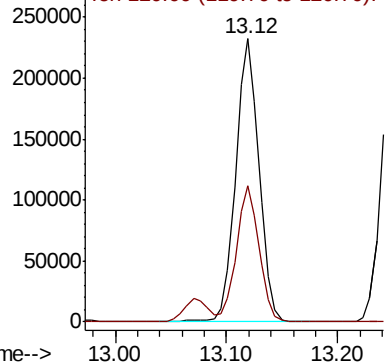
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	339891		
120	46.9	22.6	67.8	

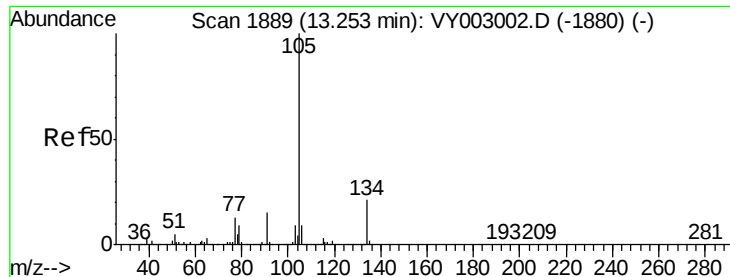


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.462 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0702SBSD01

Tot Ion:105 Resp: 410837

Ion Ratio Lower Upper

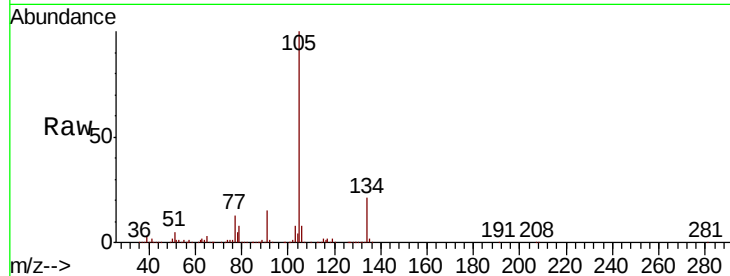
105 100

134 20.8 10.4 31.2

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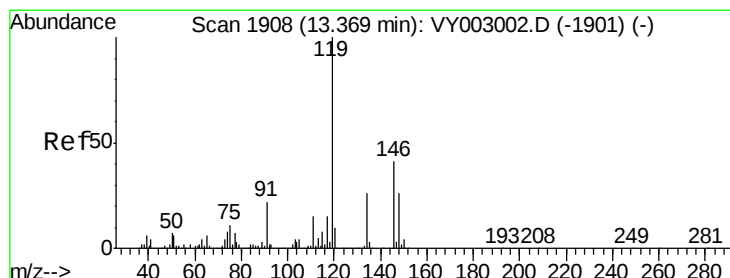
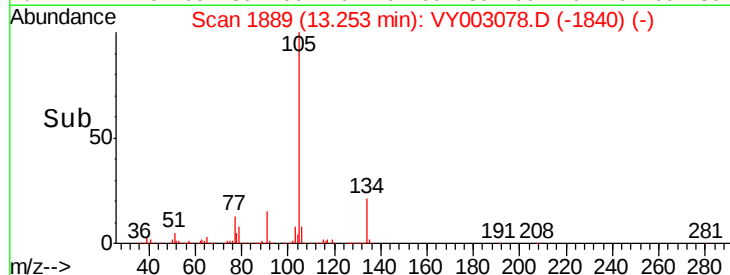
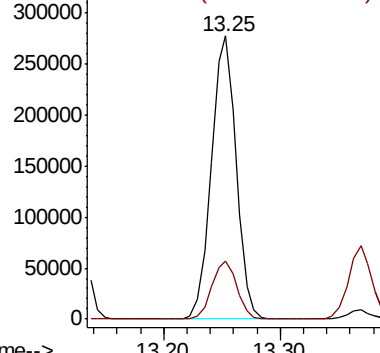
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.301 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003078.D

Acq: 02 Jul 2020 12:09

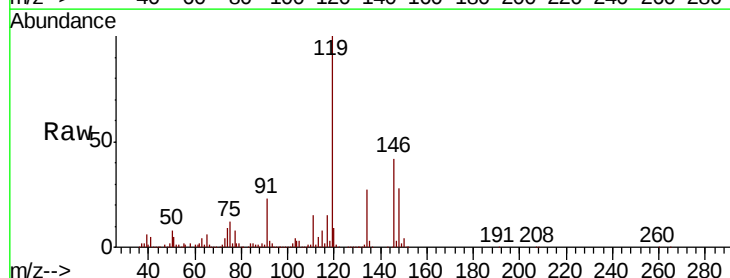
Tgt Ion:119 Resp: 377697

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

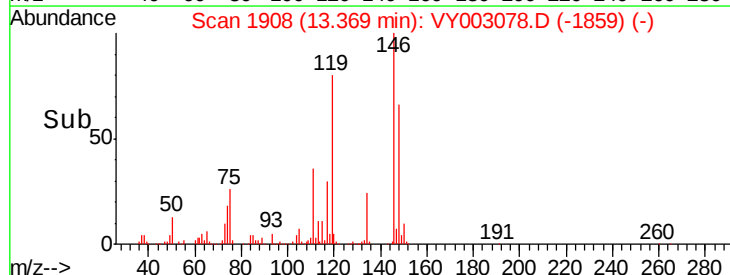
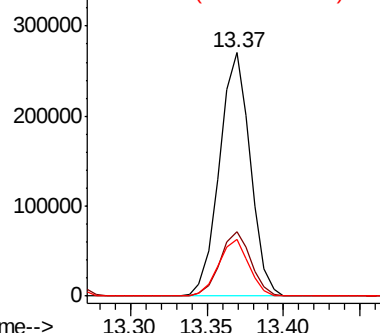
91 23.1 11.5 34.5

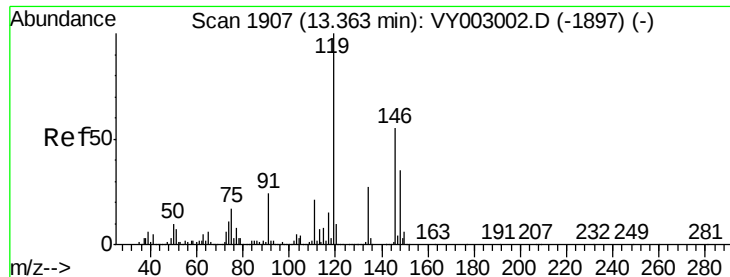


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





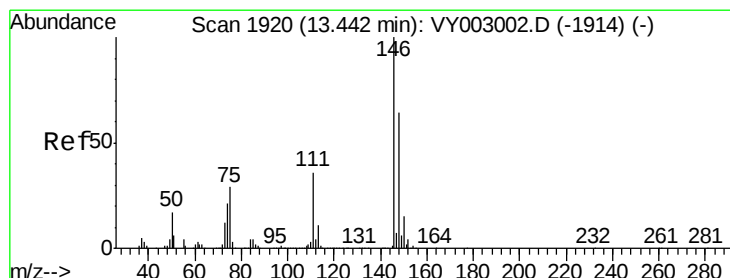
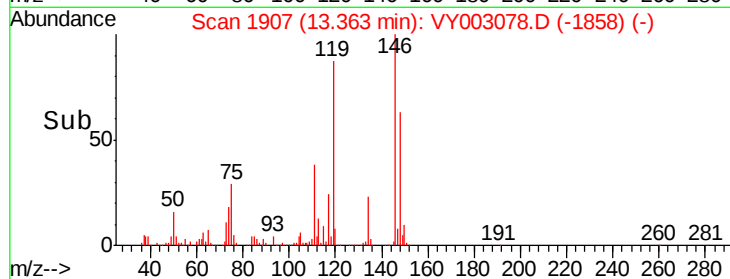
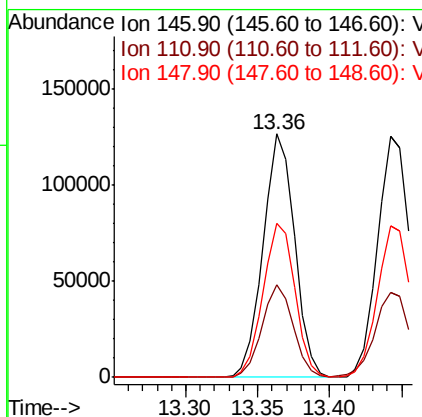
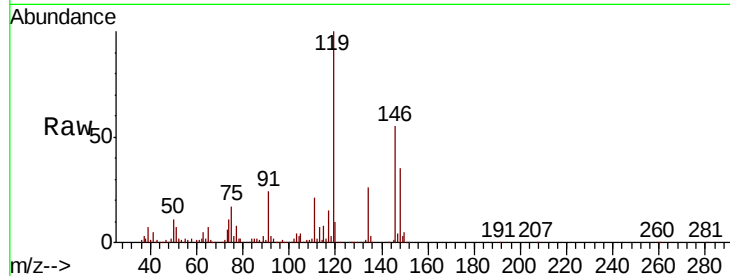
#87
 1,3-Dichlorobenzene
 Concen: 20.312 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	192225		
111	37.7	18.8	56.3	
148	64.3	31.8	95.3	

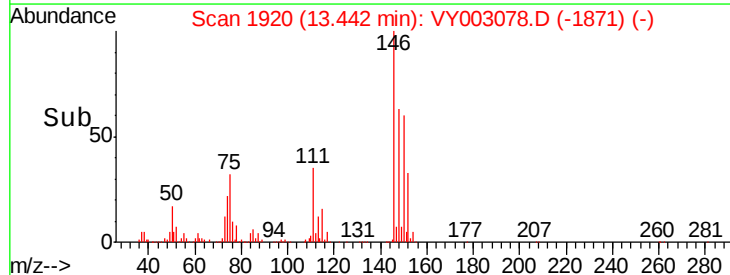
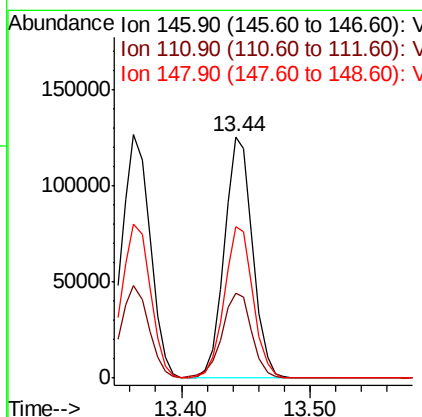
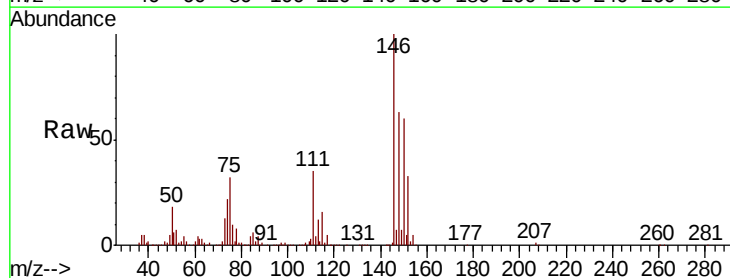
Manual Integrations
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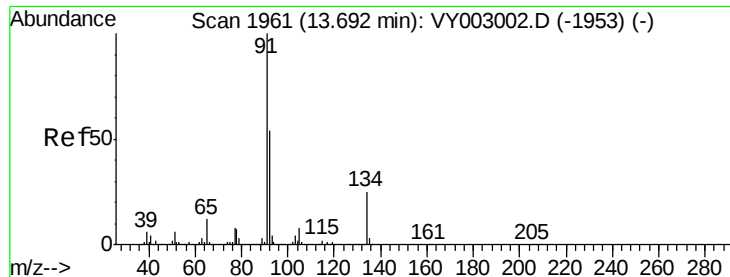
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#88
 1,4-Dichlorobenzene
 Concen: 20.687 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	193042		
111	37.4	18.4	55.4	
148	63.7	32.3	96.9	





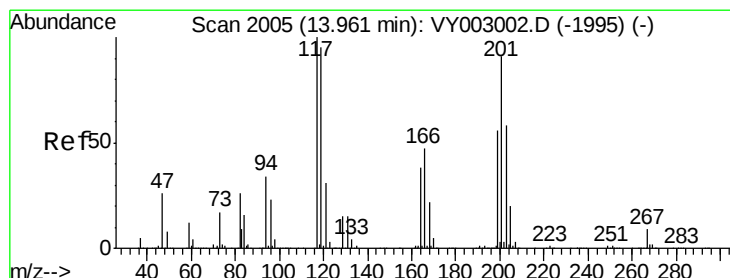
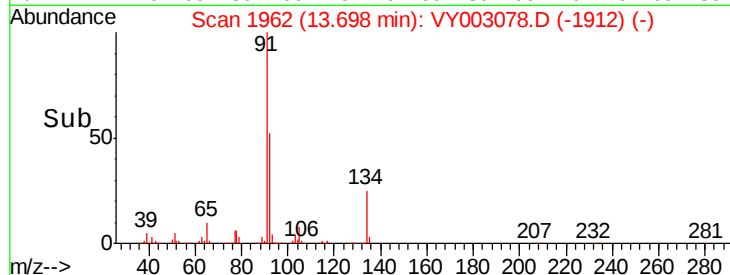
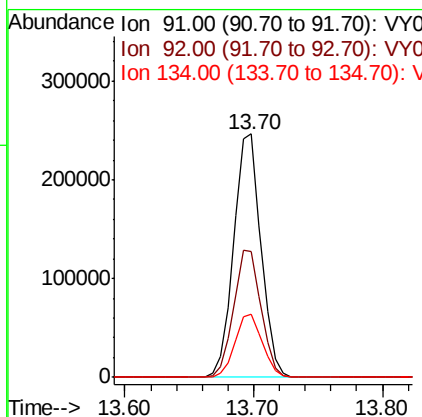
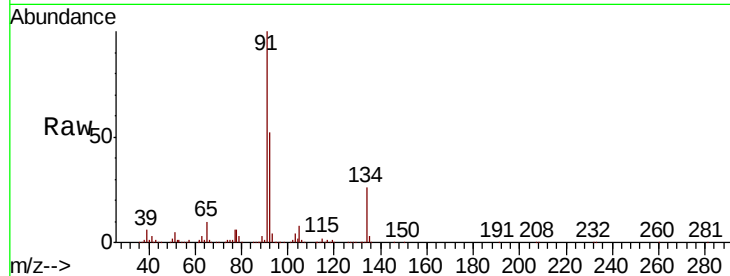
#89
n-Butylbenzene
Concen: 20.409 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	25.9	13.1	39.1

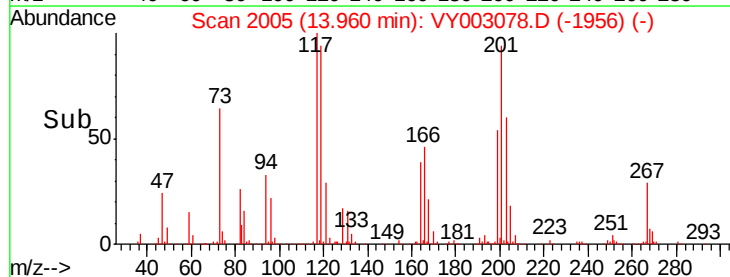
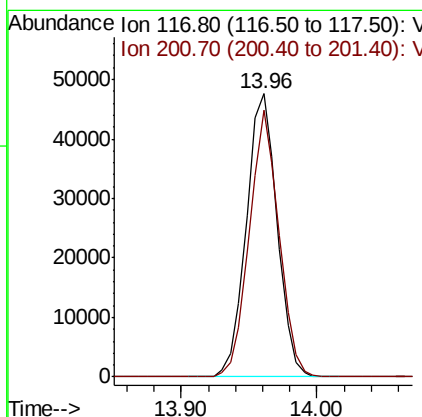
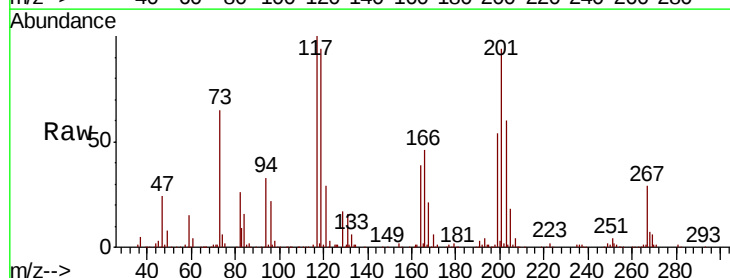
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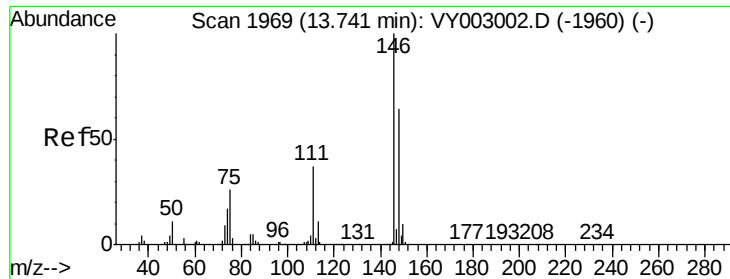
MMDadoda
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#90
Hexachloroethane
Concen: 20.443 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.5	45.5	136.4





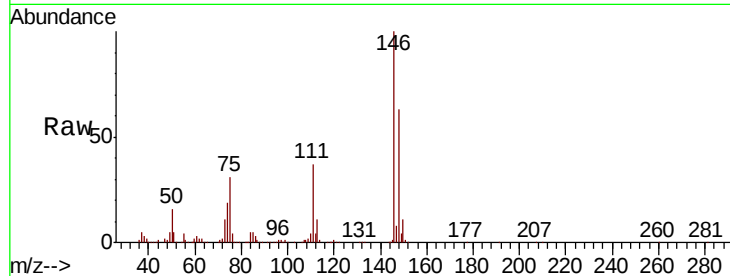
#91
 1,2-Dichlorobenzene
 Concen: 20.465 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.1	31.8	95.3

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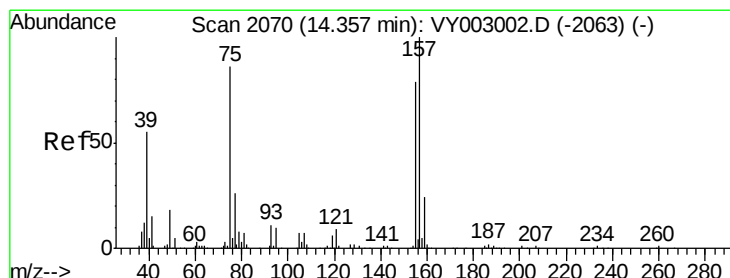
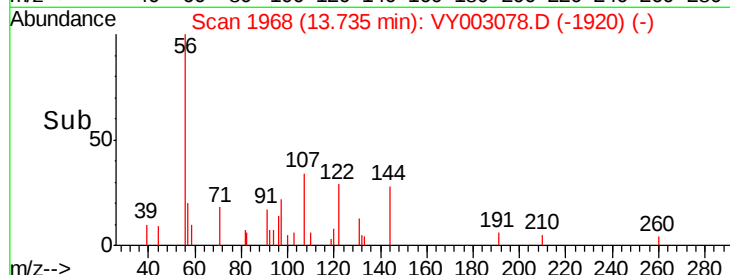
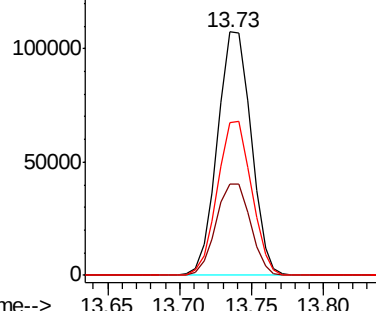


Abundance

Ion 145.90 (145.60 to 146.60): V

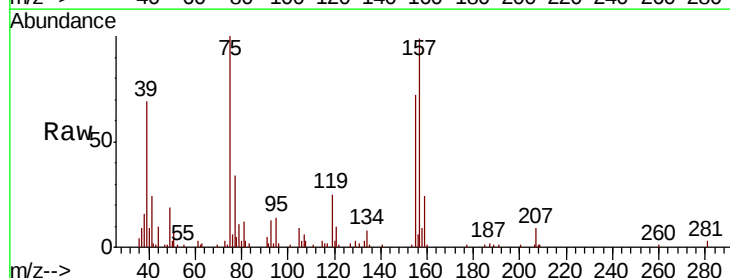
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.756 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	46.5	139.3
157	120.9	59.2	177.5

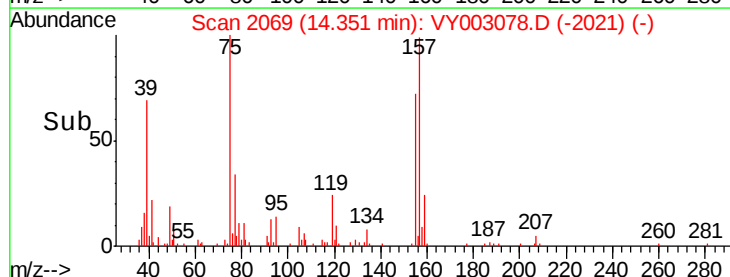
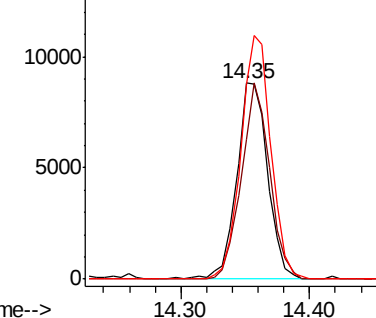


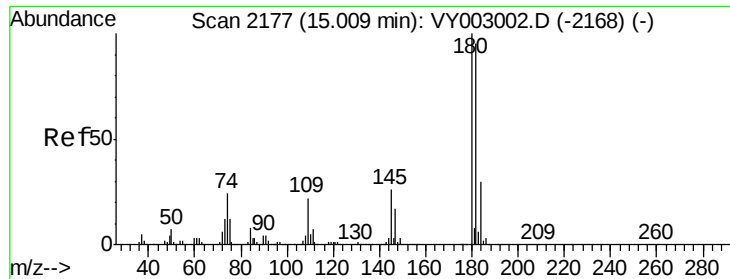
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





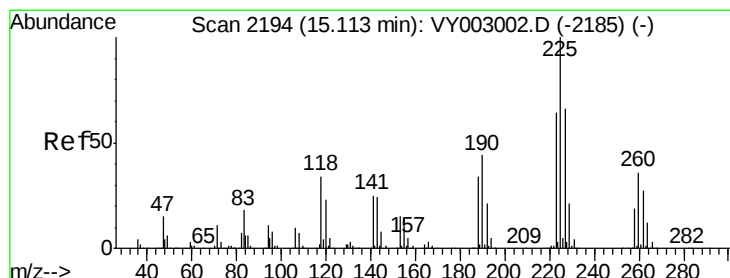
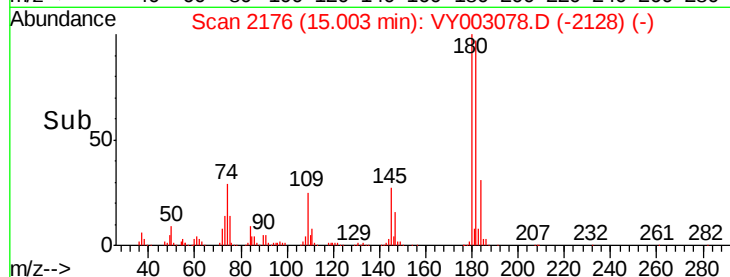
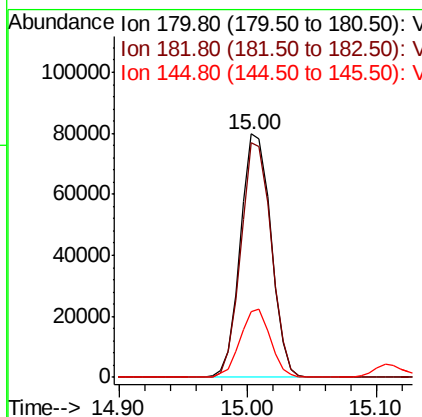
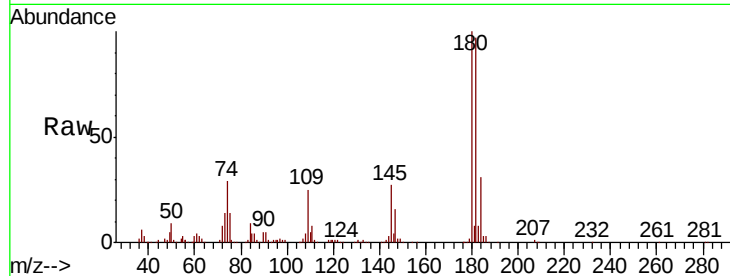
#93
 1,2,4-Trichlorobenzene
 Concen: 20.701 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0702SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	48.1	144.3	
145	27.9	13.9	41.6	

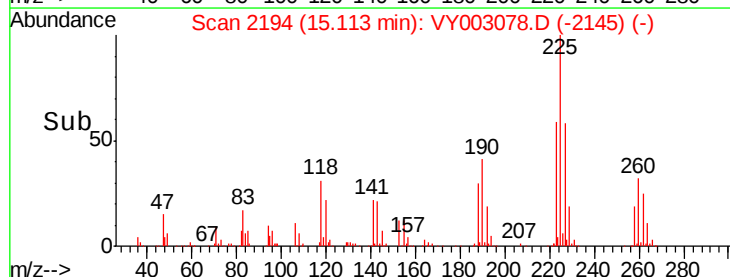
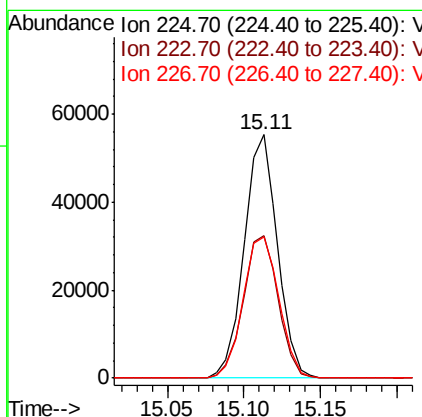
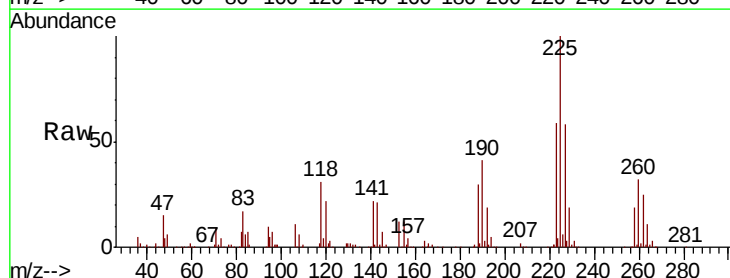
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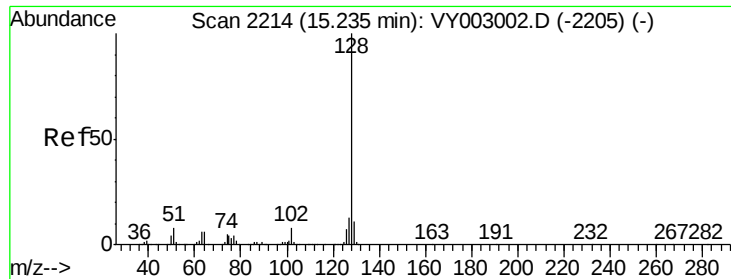
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#94
 Hexachlorobutadiene
 Concen: 20.939 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003078.D
 Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	32.4	97.0	
227	62.9	32.4	97.2	





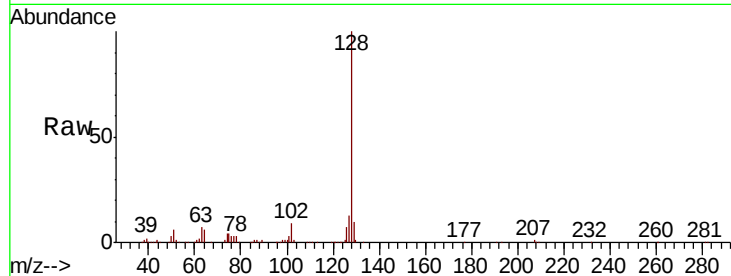
#95
Naphthalene
Concen: 20.929 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0702SBSD01

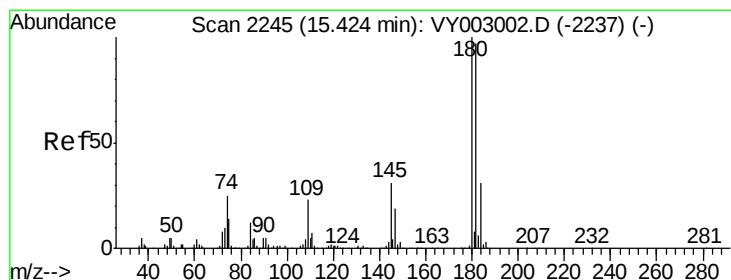
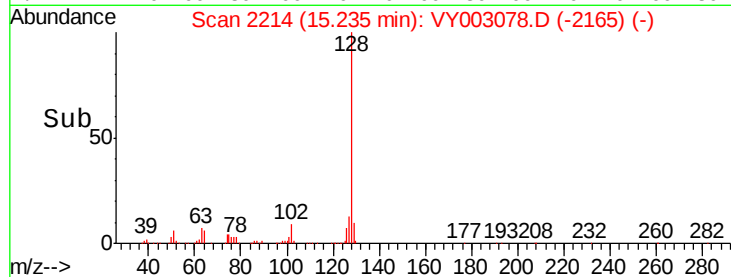
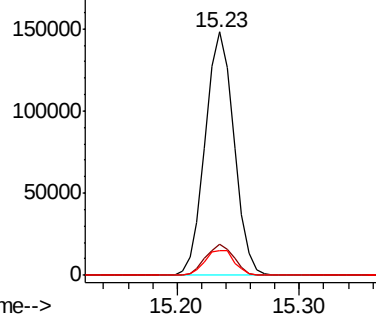
Tot Ion	Ratio	Resp	Lower	Upper
128	100	241185		
127	12.8	10.8	16.2	
129	10.6	8.8	13.2	

Manual Integrations
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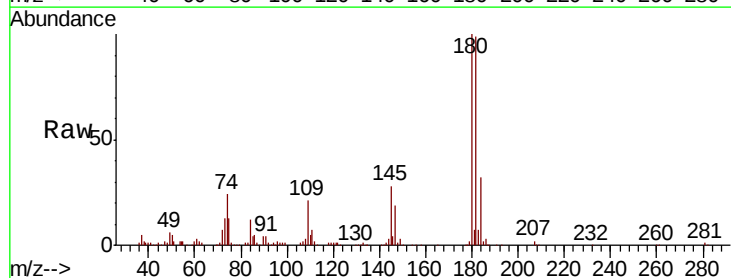


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.714 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003078.D
Acq: 02 Jul 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113482		
182	95.8	47.8	143.3	
145	29.6	14.7	44.1	



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

