

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\
 Data File : VY003105.D
 Acq On : 06 Jul 2020 11:45
 Operator : SY/MD
 Sample : VY0706SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 11:12:02 AM

Quant Time: Jul 07 07:50:51 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	431696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	573531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306046	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	209749	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
35) Dibromofluoromethane	7.72	113	203557	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.18	98	747636	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.48	95	265403	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	60265	18.433	ug/l	97
3) Chloromethane	2.12	50	86473	18.062	ug/l	97
4) Vinyl Chloride	2.26	62	93362	19.992	ug/l	97
5) Bromomethane	2.64	94	71399	22.518	ug/l	94
6) Chloroethane	2.79	64	62742	21.119	ug/l	100
7) Trichlorofluoromethane	3.13	101	136837	20.760	ug/l	98
8) Diethyl Ether	3.53	74	48067	21.272	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	84965	21.589	ug/l	97
10) Methyl Iodide	4.10	142	98389	20.161	ug/l	99
11) Tert butyl alcohol	4.96	59	48602	111.228	ug/l	98
12) 1,1-Dichloroethene	3.88	96	78259	20.899	ug/l	92
13) Acrolein	3.73	56	36154	92.124	ug/l	100
14) Allyl chloride	4.49	41	126068	19.282	ug/l	98
15) Acrylonitrile	5.18	53	119441	102.562	ug/l	99
16) Acetone	3.95	43	103327	102.180	ug/l	99
17) Carbon Disulfide	4.20	76	239837	20.046	ug/l	98
18) Methyl Acetate	4.48	43	54267	19.919	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	230101	21.081	ug/l	97
20) Methylene Chloride	4.72	84	98666	17.307	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	87910	20.754	ug/l	96
22) Diisopropyl ether	6.13	45	279587	19.952	ug/l	98
23) Vinyl Acetate	6.07	43	930648	99.337	ug/l	99
24) 1,1-Dichloroethane	6.03	63	159273	20.807	ug/l	99
25) 2-Butanone	7.00	43	167123	104.040	ug/l	100
26) 2,2-Dichloropropane	6.99	77	144775	20.817	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	101287	21.320	ug/l	96
28) Bromochloromethane	7.34	49	65052	19.100	ug/l	95
29) Tetrahydrofuran	7.36	42	107976	101.081	ug/l	96
30) Chloroform	7.52	83	154924	20.429	ug/l	99
31) Cyclohexane	7.79	56	148028	19.630	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	144337	20.852	ug/l	99
36) 1,1-Dichloropropene	7.93	75	123504	20.267	ug/l	98
37) Ethyl Acetate	7.08	43	72387	19.757	ug/l	98
38) Carbon Tetrachloride	7.91	117	131869	20.799	ug/l	94

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MMDadoda
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Quant Time: Jul 07 07:50:51 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)
39) Methylcyclohexane	9.19	83	158010	20.914	ug/l	98
40) Benzene	8.17	78	346529	20.771	ug/l	98
41) Methacrylonitrile	7.33	41	43460m	22.205	ug/l	
42) 1,2-Dichloroethane	8.24	62	109729	20.791	ug/l	99
43) Isopropyl Acetate	8.28	43	140092	20.113	ug/l	97
44) Trichloroethene	8.94	130	103534	21.352	ug/l	100
45) 1,2-Dichloropropane	9.22	63	92275	20.559	ug/l	96
46) Dibromomethane	9.31	93	51477	20.535	ug/l	96
47) Bromodichloromethane	9.50	83	127424	20.759	ug/l	99
48) Methyl methacrylate	9.30	41	61455	19.384	ug/l	95
49) 1,4-Dioxane	9.30	88	14394	470.381	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	367311	102.030	ug/l	98
52) Toluene	10.25	92	222060	21.144	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	133124	20.686	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	151911	20.640	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	74172	21.293	ug/l	96
56) Ethyl methacrylate	10.51	69	105195	20.862	ug/l	98
57) 1,3-Dichloropropane	10.79	76	128317	20.983	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	238279	92.137	ug/l	98
59) 2-Hexanone	10.83	43	260327	103.456	ug/l	100
60) Dibromochloromethane	10.99	129	94917	21.292	ug/l	100
61) 1,2-Dibromoethane	11.09	107	71714	20.882	ug/l	98
64) Tetrachloroethene	10.72	164	104599	21.549	ug/l	97
65) Chlorobenzene	11.52	112	240465	21.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	95566	21.644	ug/l	99
67) Ethyl Benzene	11.59	91	437813	21.162	ug/l	99
68) m/p-Xylenes	11.70	106	327624	42.548	ug/l	98
69) o-Xylene	12.03	106	154824	21.338	ug/l	97
70) Styrene	12.04	104	265700	21.434	ug/l	98
71) Bromoform	12.20	173	63175	21.458	ug/l #	99
73) Isopropylbenzene	12.33	105	426280	21.283	ug/l	99
74) N-amyl acetate	12.14	43	130472	20.010	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	87734	21.706	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	63223m	20.873	ug/l	
77) Bromobenzene	12.61	156	109572	21.336	ug/l	98
78) n-propylbenzene	12.67	91	512383	21.271	ug/l	100
79) 2-Chlorotoluene	12.75	91	283192	21.062	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	355962	21.179	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	31830	20.446	ug/l	98
82) 4-Chlorotoluene	12.85	91	294000	21.002	ug/l	98
83) tert-Butylbenzene	13.07	119	316162	21.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	361781	21.361	ug/l	99
85) sec-Butylbenzene	13.25	105	436118	21.439	ug/l	100
86) p-Isopropyltoluene	13.37	119	399964	21.219	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	205333	21.416	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	205300	21.715	ug/l	98
89) n-Butylbenzene	13.70	91	388136	21.522	ug/l	100
90) Hexachloroethane	13.96	117	79142	21.144	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	186906	21.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	14899	20.822	ug/l	93

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

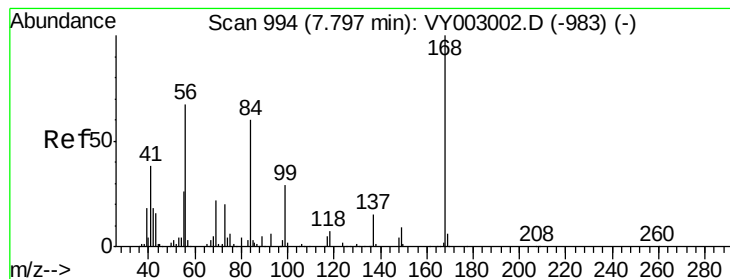
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Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	141410	22.123	ug/l	98
94) Hexachlorobutadiene	15.11	225	88393	21.923	ug/l	98
95) Naphthalene	15.23	128	250778	21.479	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	120140	21.645	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: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

Tot Ion:168 Resp: 431696

Ion Ratio Lower Upper

168 100

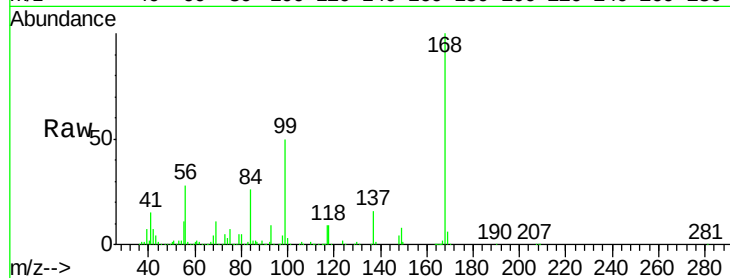
99 49.8 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003105.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003105.D (-945) (-)

7.80

200000

150000

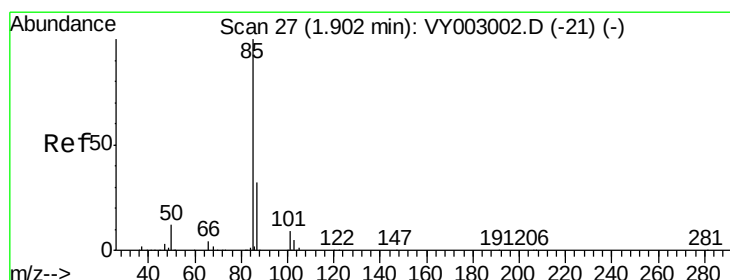
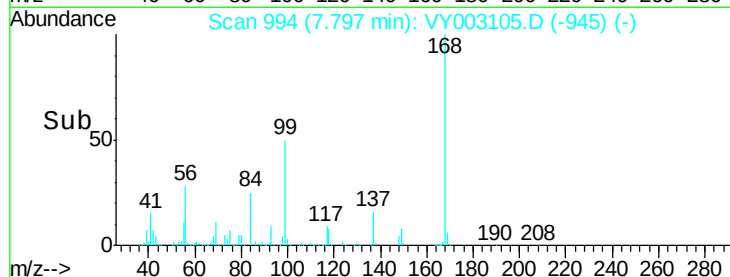
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.433 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003105.D

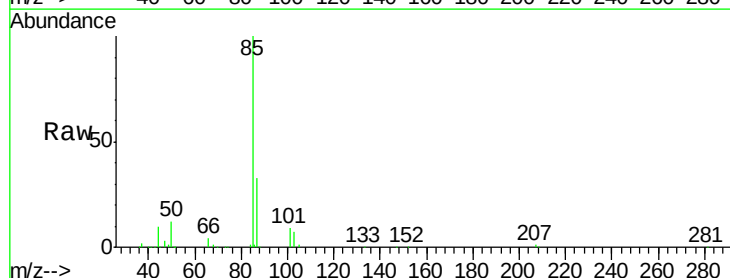
Acq: 06 Jul 2020 11:45

Tgt Ion: 85 Resp: 60265

Ion Ratio Lower Upper

85 100

87 33.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003105.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003105.D (-1) (-)

1.91

40000

30000

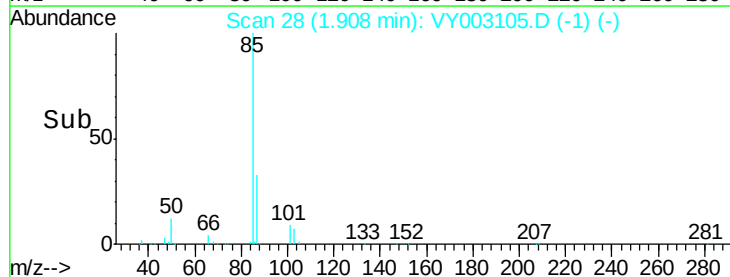
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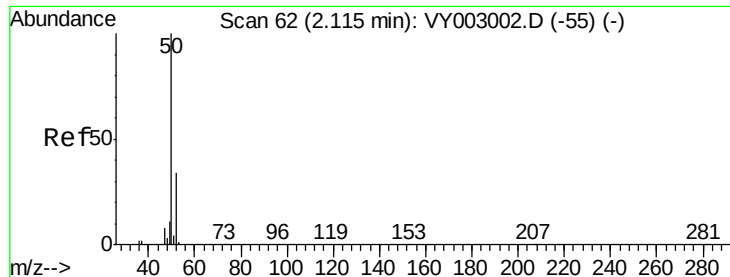
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.062 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 50 Resp: 86473

Ion Ratio Lower Upper

50 100

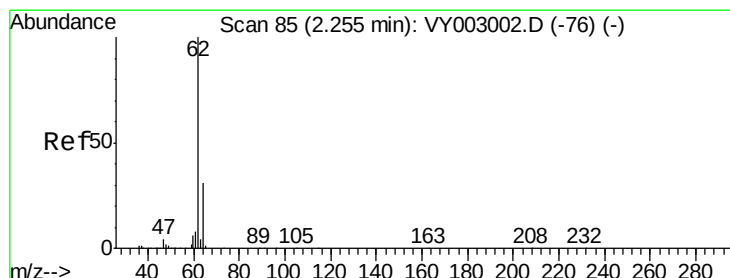
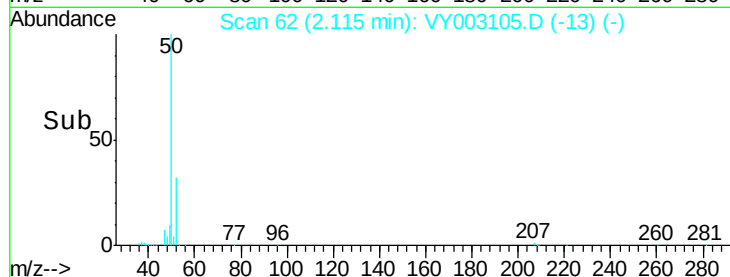
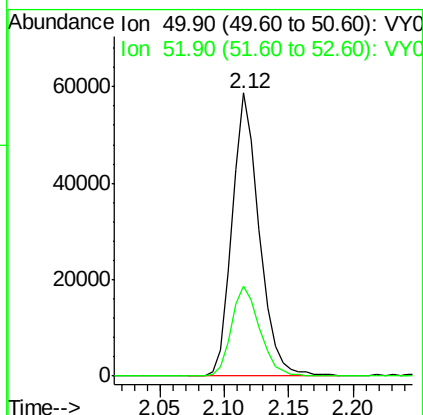
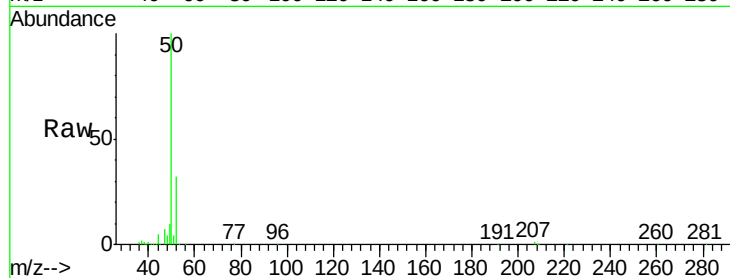
52 31.8 26.9 40.3

Manual Integrations

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7/7/2020 11:12:02 AM



#4

Vinyl Chloride

Concen: 19.992 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003105.D

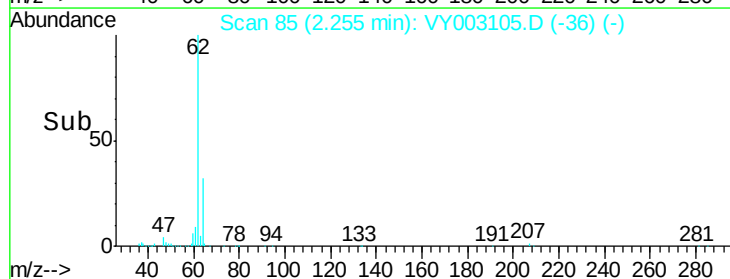
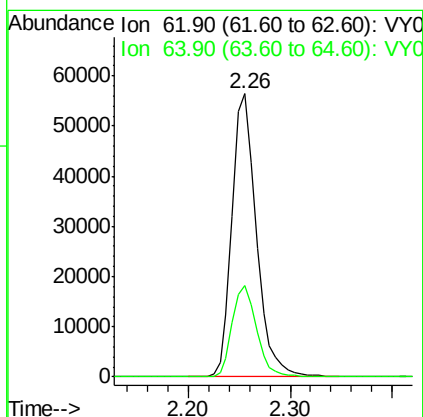
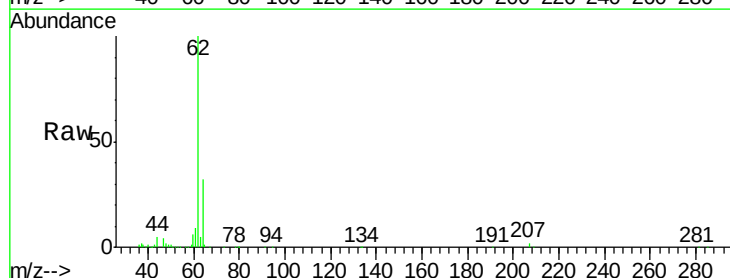
Acq: 06 Jul 2020 11:45

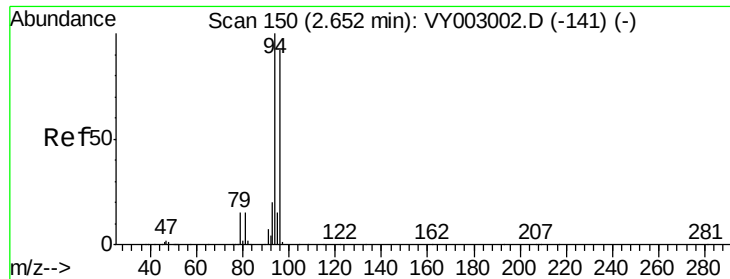
Tgt Ion: 62 Resp: 93362

Ion Ratio Lower Upper

62 100

64 32.4 24.4 36.6





#5

Bromomethane

Concen: 22.518 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 94 Resp: 71399

Ion Ratio Lower Upper

94 100

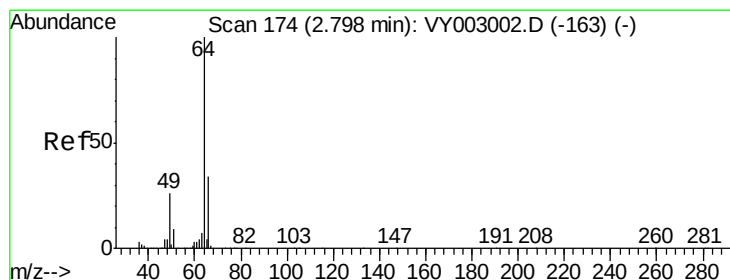
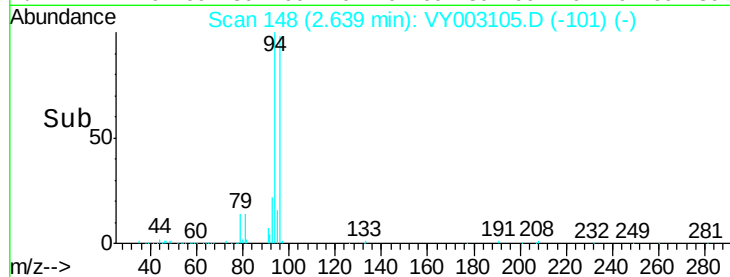
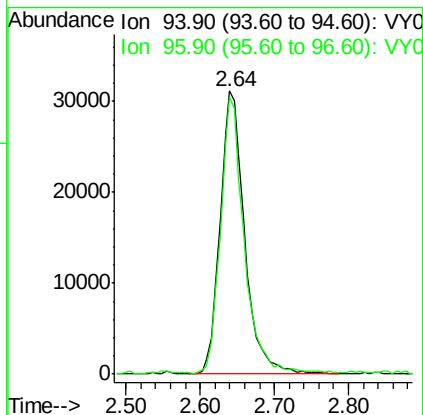
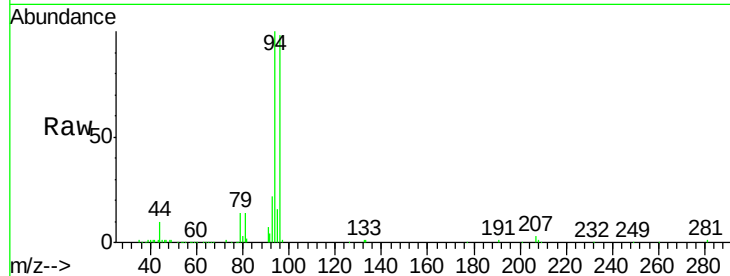
96 97.5 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 21.119 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003105.D

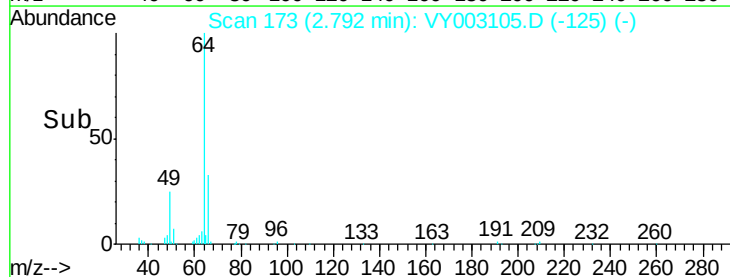
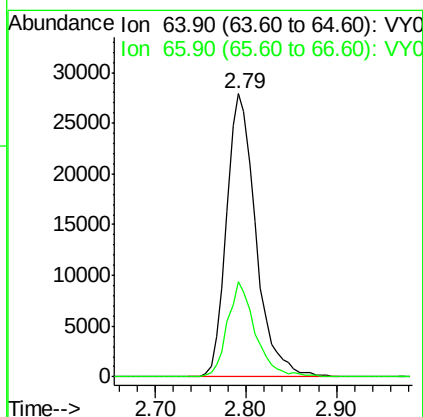
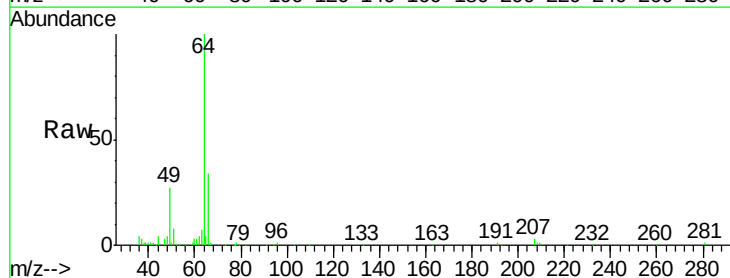
Acq: 06 Jul 2020 11:45

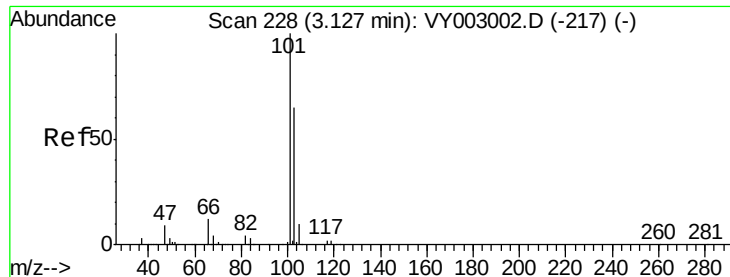
Tgt Ion: 64 Resp: 62742

Ion Ratio Lower Upper

64 100

66 33.6 27.0 40.4





#7

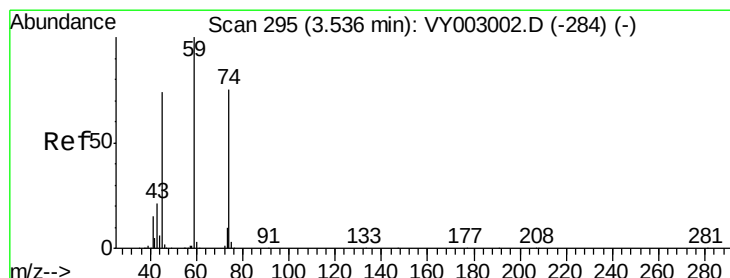
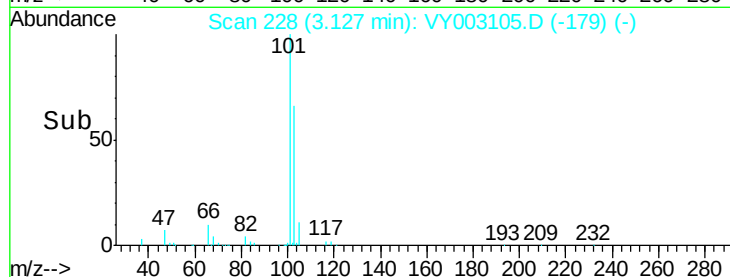
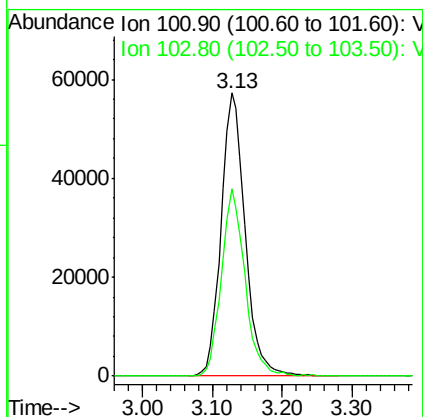
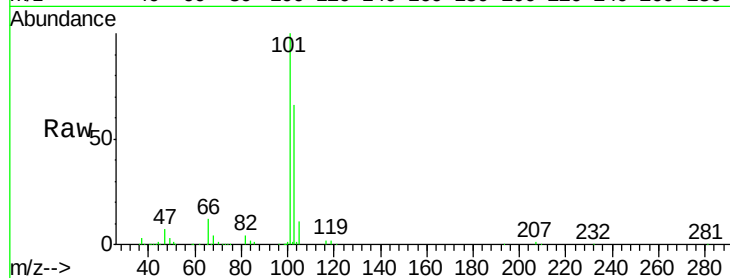
Trichlorofluoromethane
Concen: 20.760 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.6	77.4

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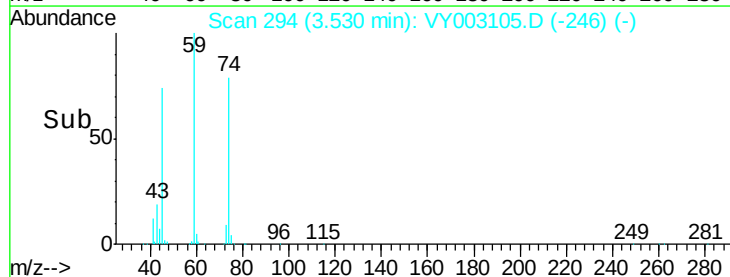
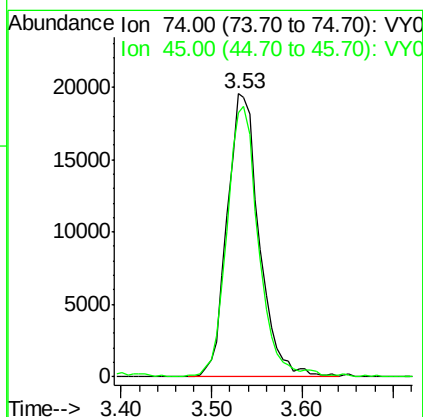
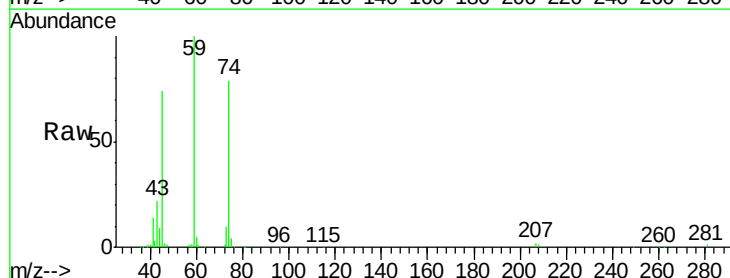
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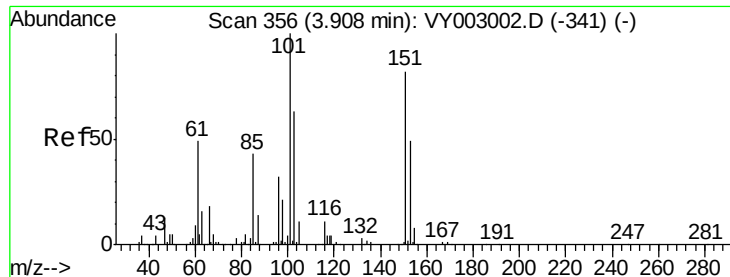


#8

Diethyl Ether
Concen: 21.272 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.2	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.589 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

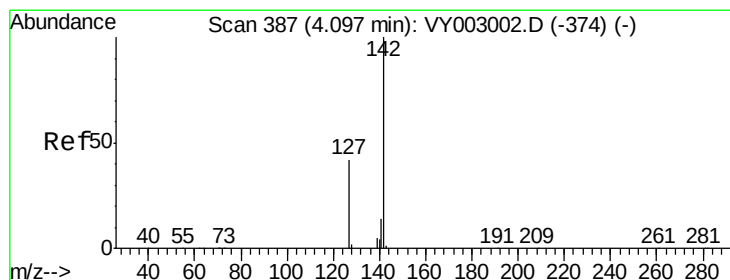
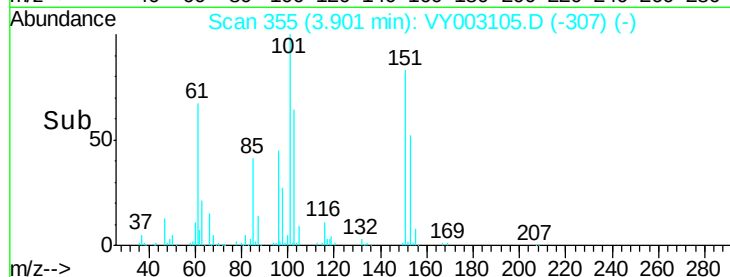
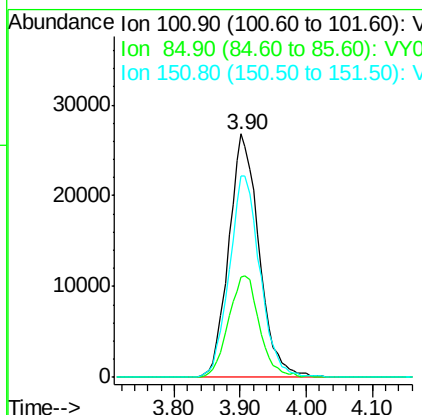
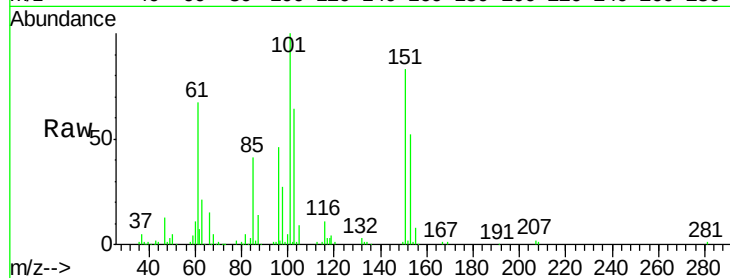
ClientSampleId :

VY0706SBSD01

Tot Ion:	101	Resp:	84965
Ion Ratio	Lower	Upper	
101	100		
85	42.4	35.5	53.3
151	84.0	65.5	98.3

Manual Integrations
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7/7/2020 11:12:02 AM



#10

Methyl Iodide

Concen: 20.161 ug/l

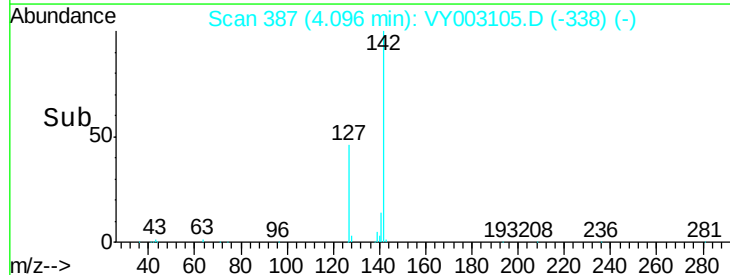
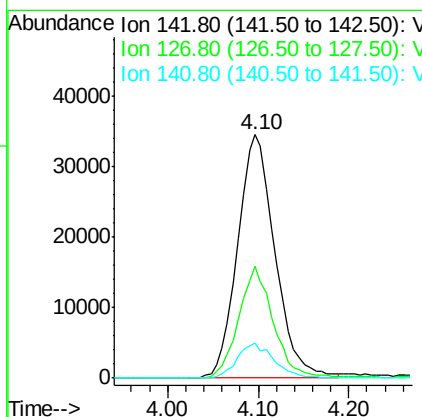
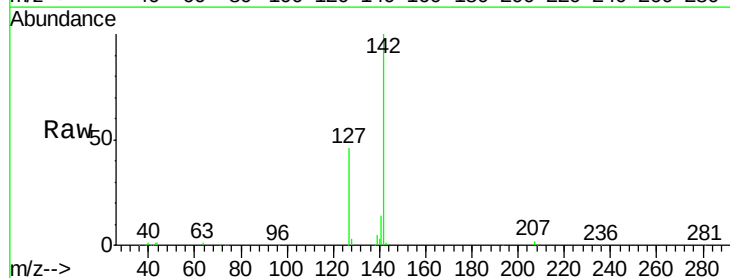
RT: 4.10 min Scan# 387

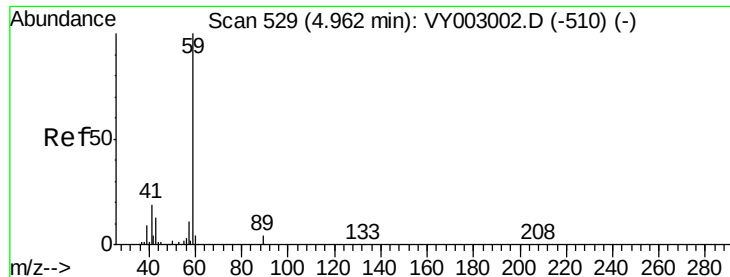
Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion:	142	Resp:	98389
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.2	51.2
141	14.2	11.7	17.5





#11

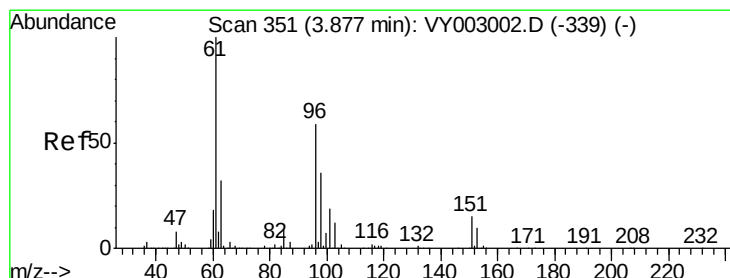
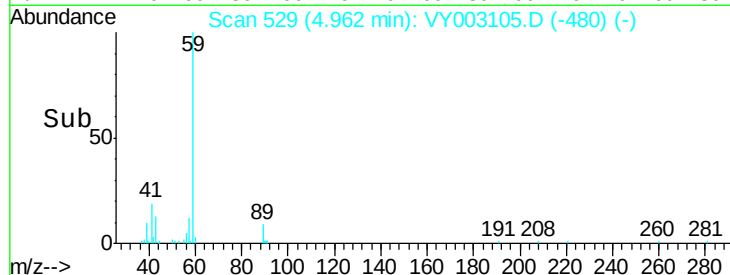
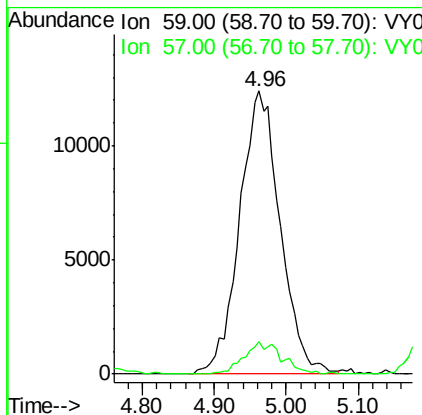
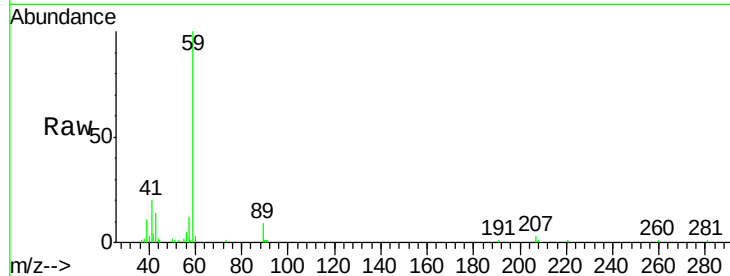
Tert butyl alcohol
 Concen: 111.228 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.0	12.0

Manual Integrations
 APPROVED

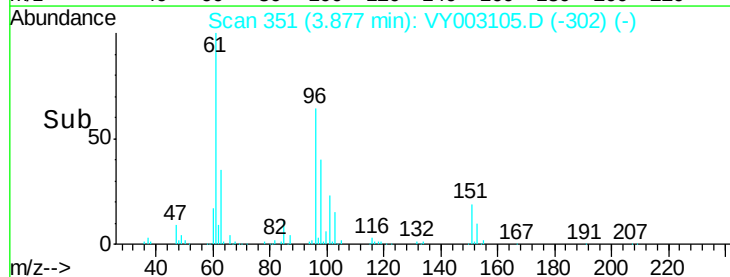
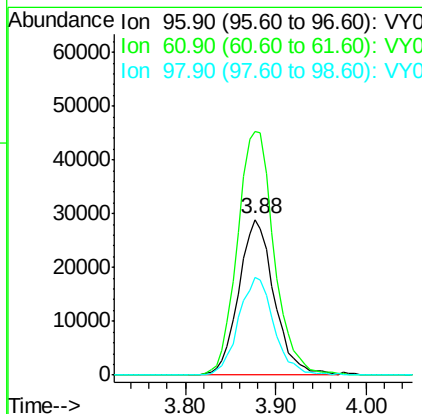
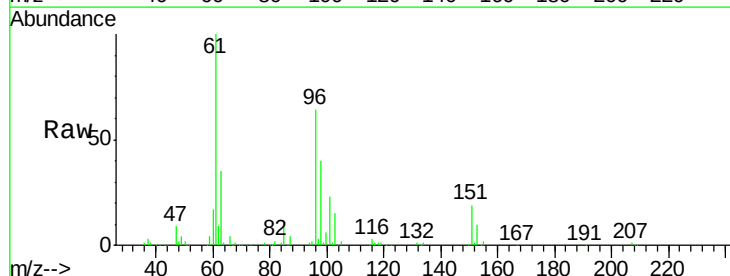
MMDadoda
 7/7/2020 11:12:02 AM

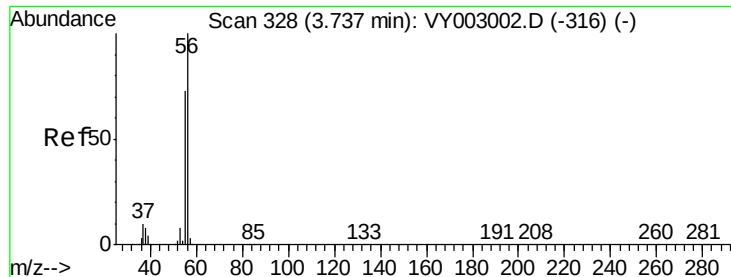


#12

1,1-Dichloroethene
 Concen: 20.899 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	136.7	205.1
98	63.0	49.7	74.5





#13

Acrolein

Concen: 92.124 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 56 Resp: 36154

Ion Ratio Lower Upper

56 100

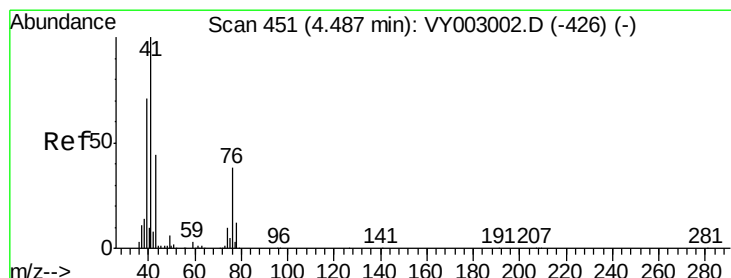
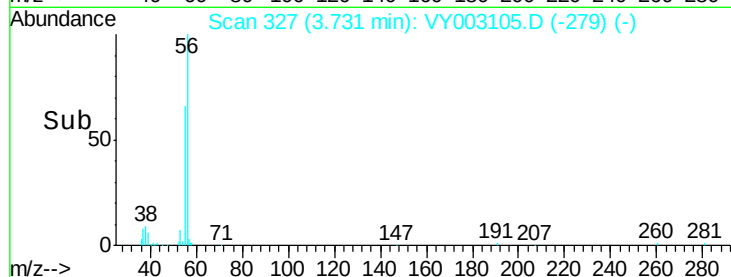
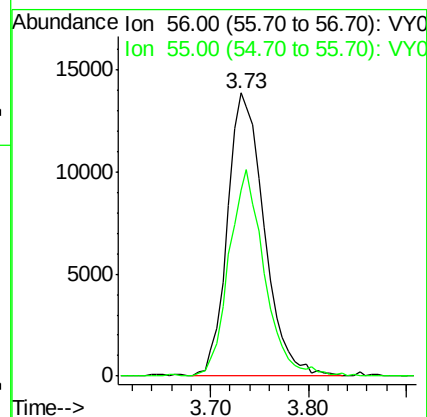
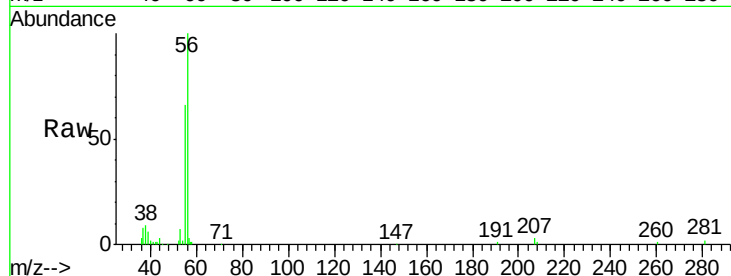
55 70.7 56.4 84.6

Manual Integrations

APPROVED

MMDadoda

7/7/2020 11:12:02 AM



#14

Allyl chloride

Concen: 19.282 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

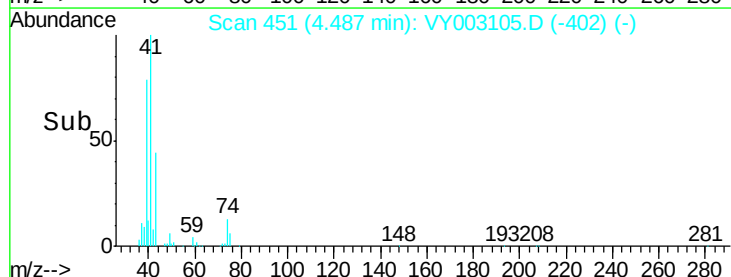
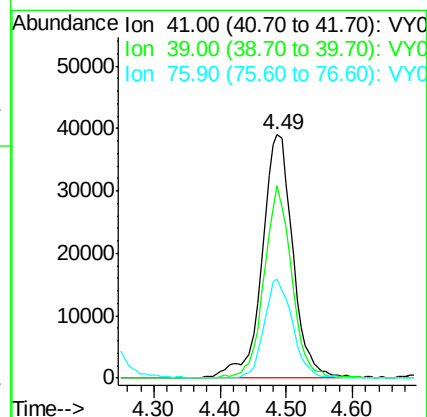
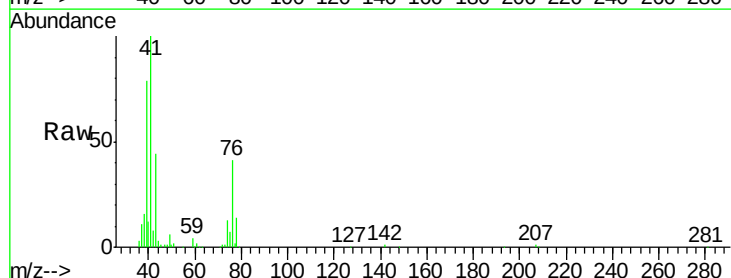
Tgt Ion: 41 Resp: 126068

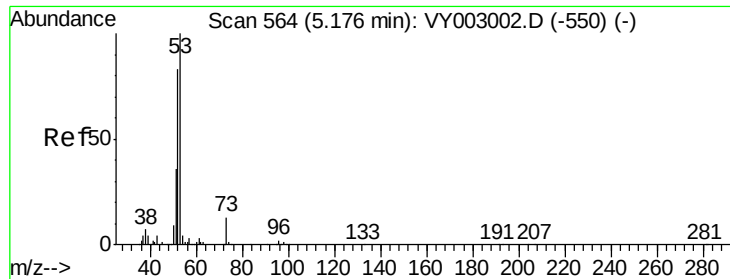
Ion Ratio Lower Upper

41 100

39 70.9 55.6 83.4

76 37.5 28.6 43.0





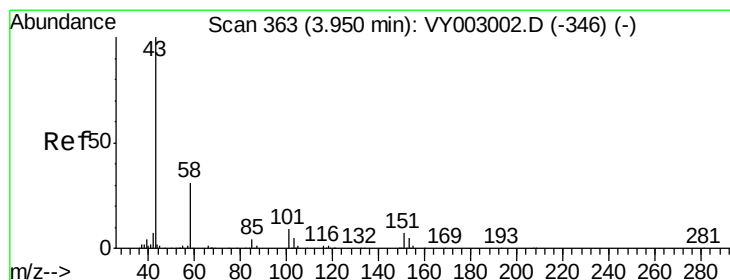
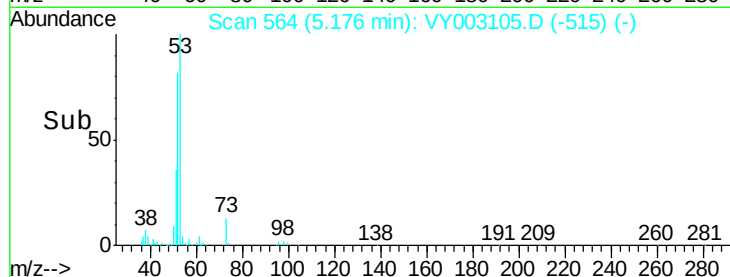
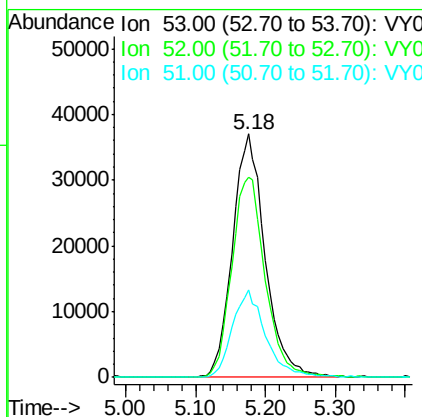
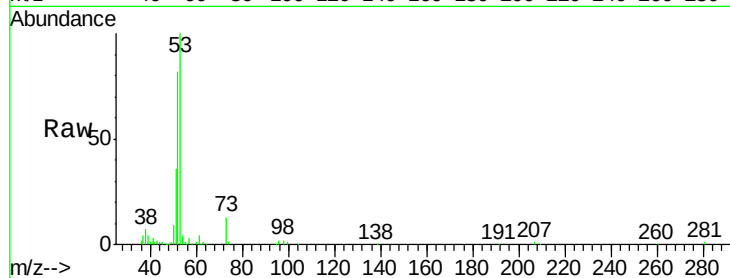
#15
 Acrylonitrile
 Concen: 102.562 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion:	53	Resp:	119441
Ion	Ratio	Lower	Upper
53	100		
52	84.4	66.2	99.2
51	36.8	29.5	44.3

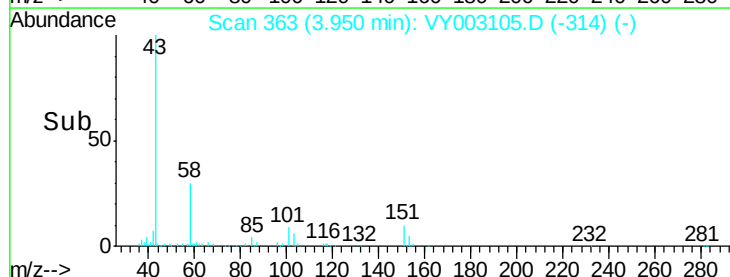
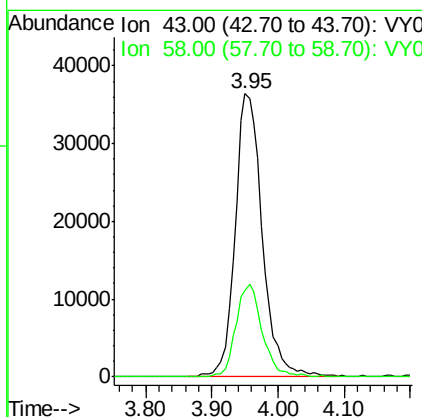
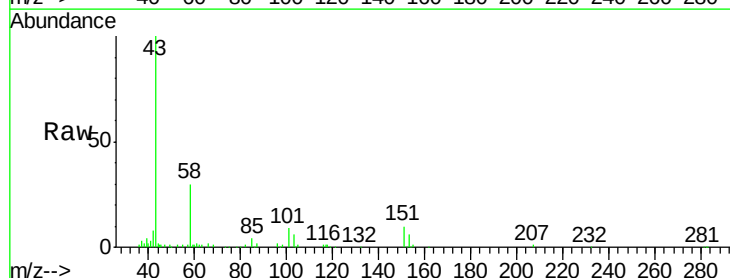
Manual Integrations
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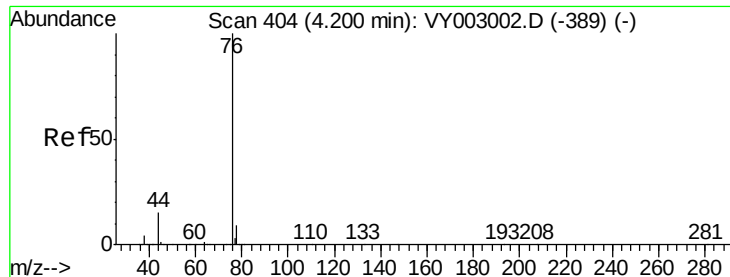
MMDadoda
 7/7/2020 11:12:02 AM



#16
 Acetone
 Concen: 102.180 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion:	43	Resp:	103327
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.7	37.1





#17

Carbon Disulfide

Concen: 20.046 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

Tot Ion: 76 Resp: 239837

Ion Ratio Lower Upper

76 100

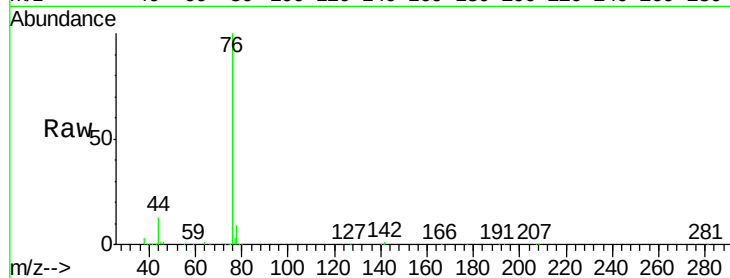
78 9.4 7.0 10.6

Manual Integrations

APPROVED

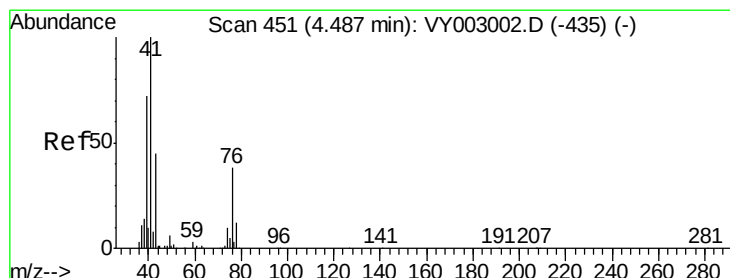
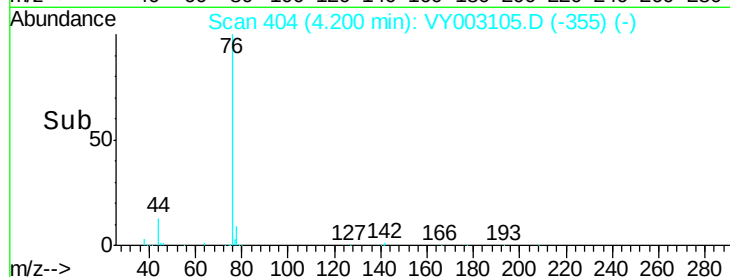
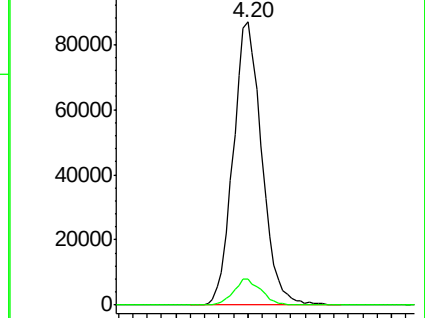
MMDadoda

7/7/2020 11:12:02 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 19.919 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003105.D

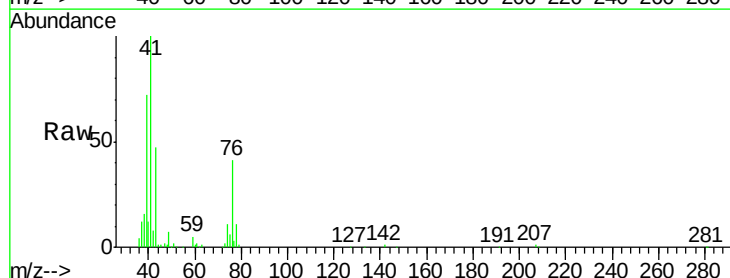
Acq: 06 Jul 2020 11:45

Tgt Ion: 43 Resp: 54267

Ion Ratio Lower Upper

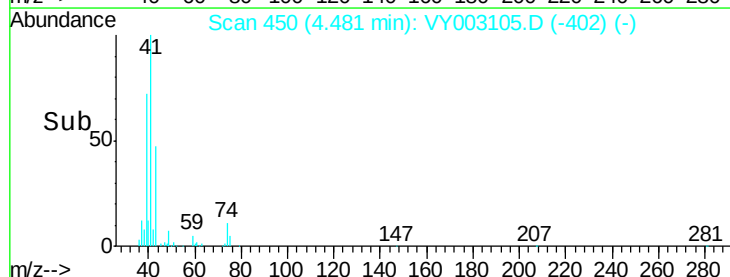
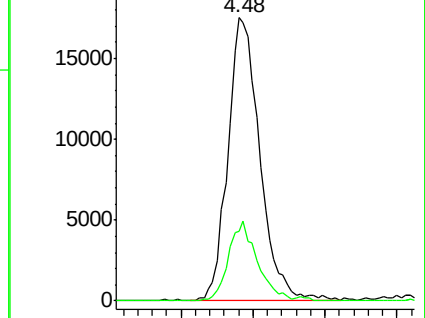
43 100

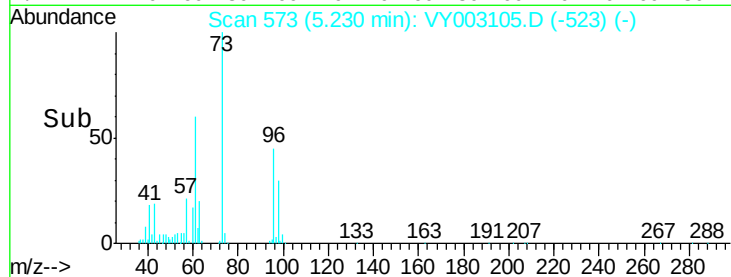
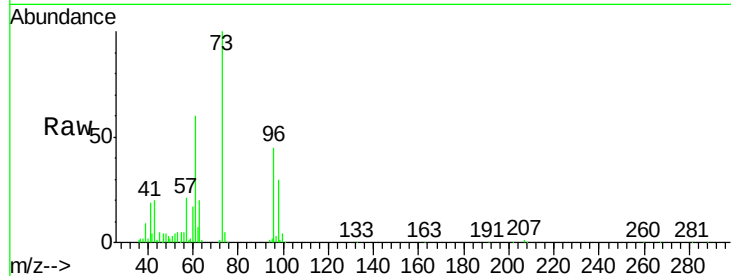
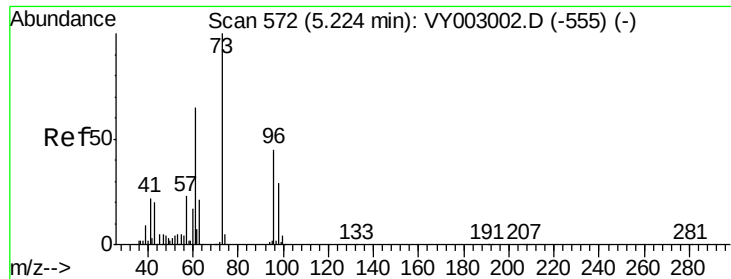
74 25.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





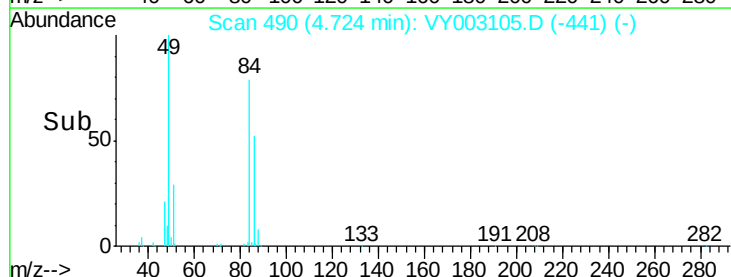
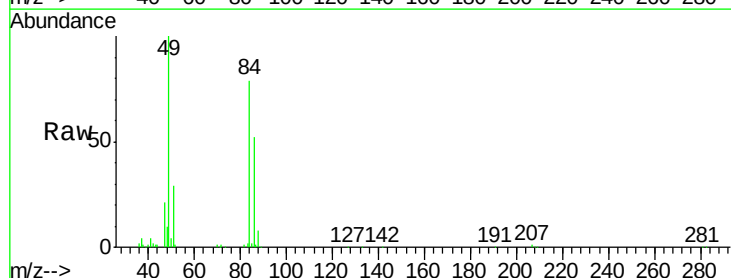
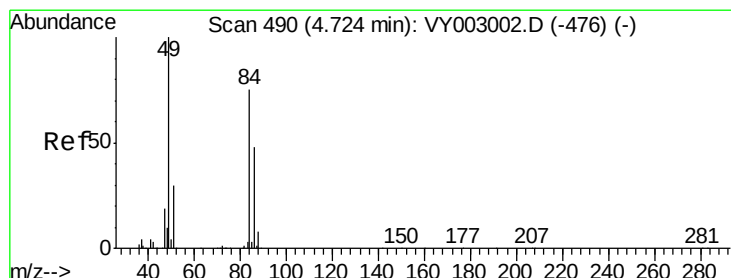
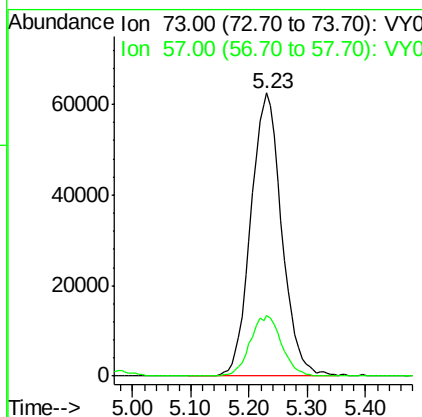
#19
Methyl tert-butyl Ether
Concen: 21.081 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tot Ion	73	Resp	230101
Ion Ratio	100	Lower	Upper
73	100		
57	21.4	18.2	27.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

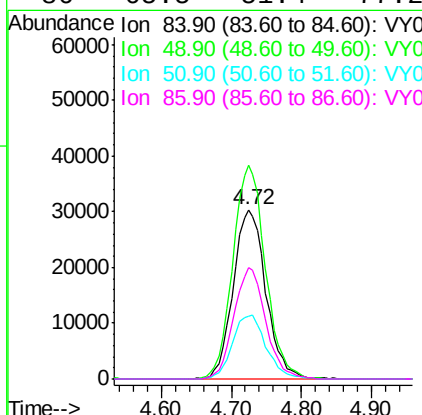
Manual Integrations
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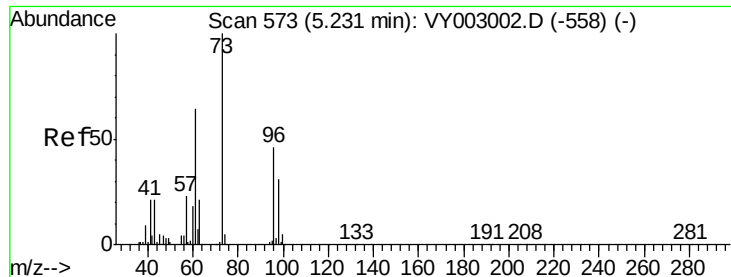
MMDadoda
7/7/2020 11:12:02 AM



#20
Methylene Chloride
Concen: 17.307 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	84	Resp	98666
Ion Ratio	100	Lower	Upper
84	100		
49	126.0	106.8	160.2
51	37.0	32.0	48.0
86	65.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 20.754 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

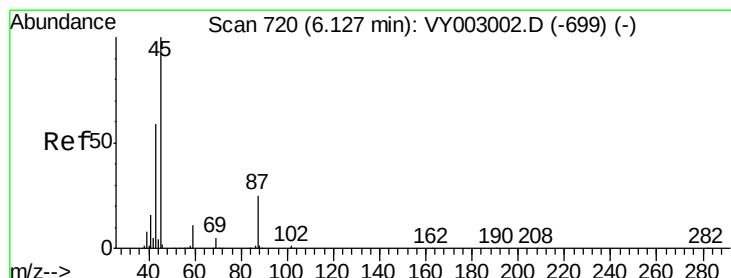
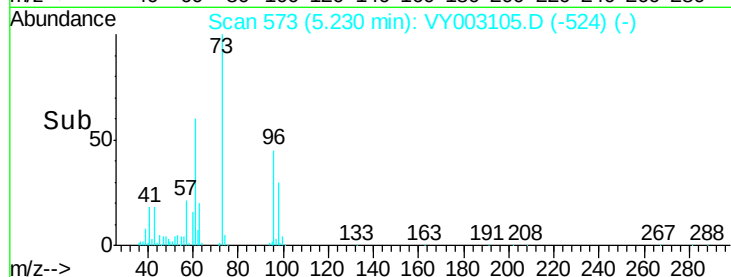
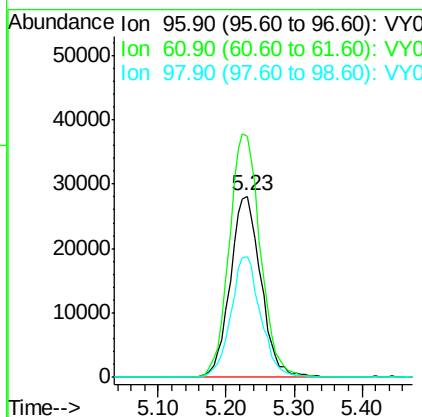
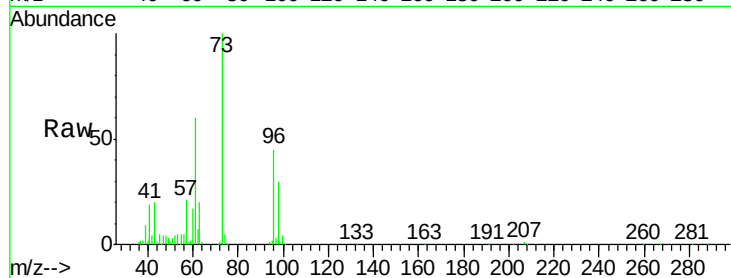
ClientSampleId :

VY0706SBS01

Tot Ion:	96	Resp:	87910
Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.3	168.5
98	66.7	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.952 ug/l

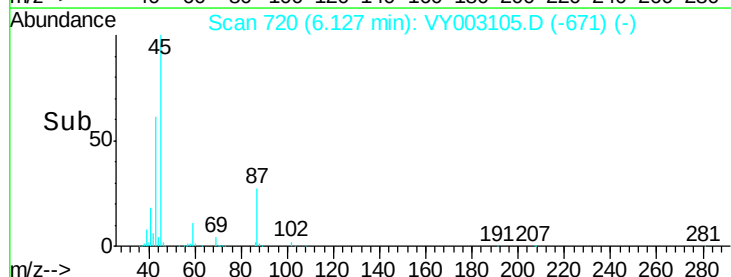
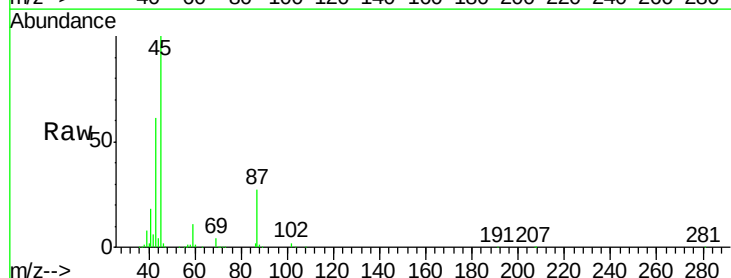
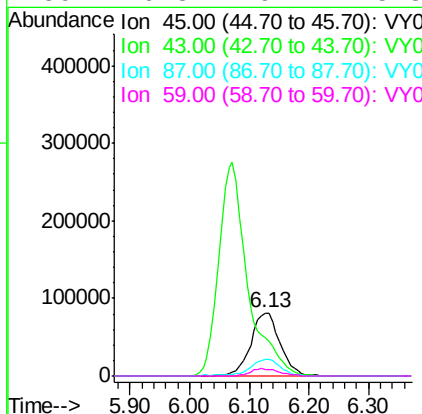
RT: 6.13 min Scan# 720

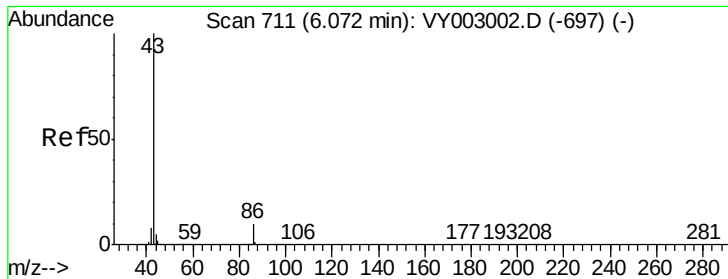
Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion:	45	Resp:	279587
Ion	Ratio	Lower	Upper
45	100		
43	60.5	47.4	71.2
87	27.1	20.2	30.2
59	10.8	9.2	13.8





#23

Vinyl Acetate

Concen: 99.337 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion: 43 Resp: 930648

Ion Ratio Lower Upper

43 100

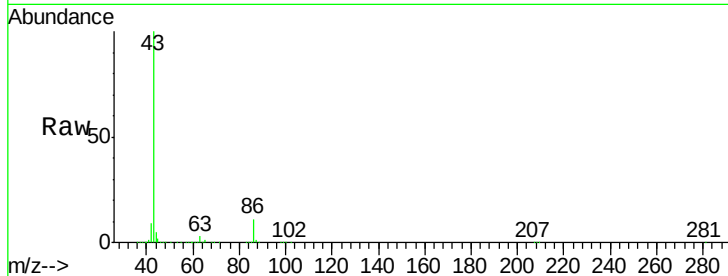
86 10.6 8.1 12.1

Manual Integrations

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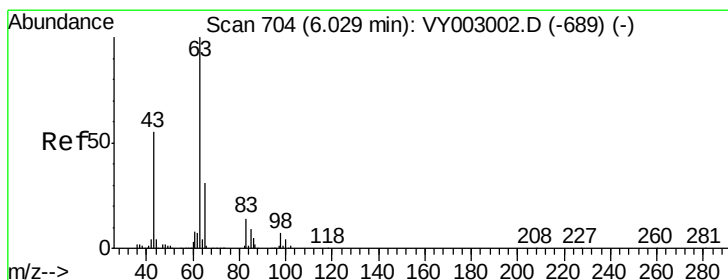
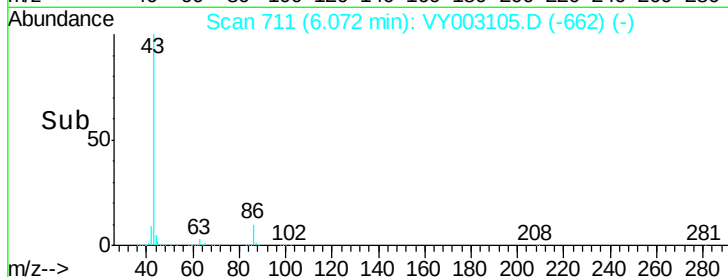
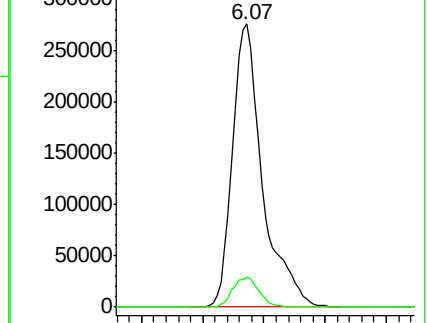
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7/7/2020 11:12:02 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.807 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

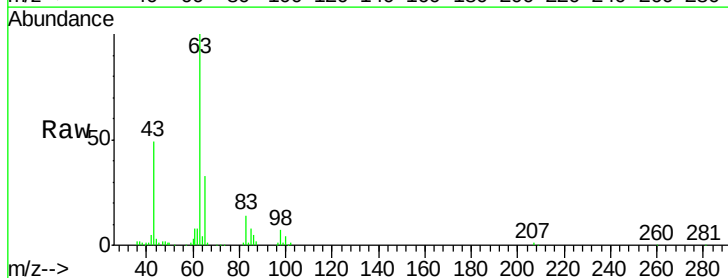
Tgt Ion: 63 Resp: 159273

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

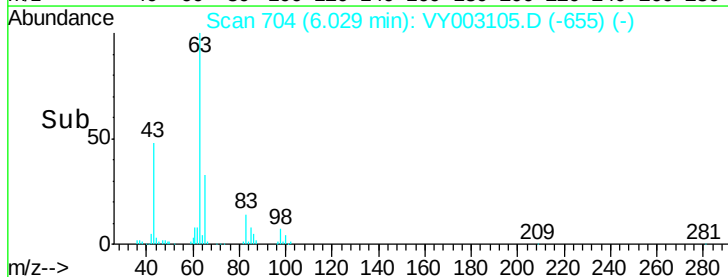
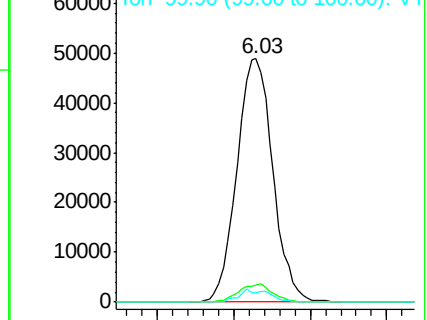
100 4.1 2.3 6.8

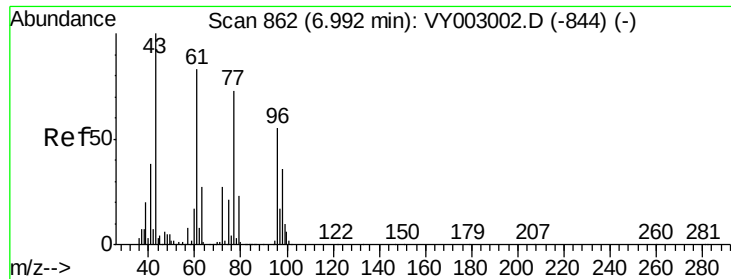


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





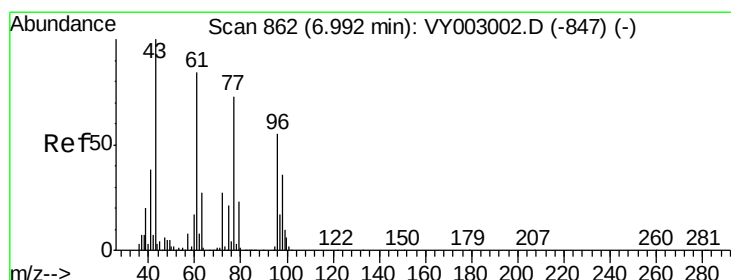
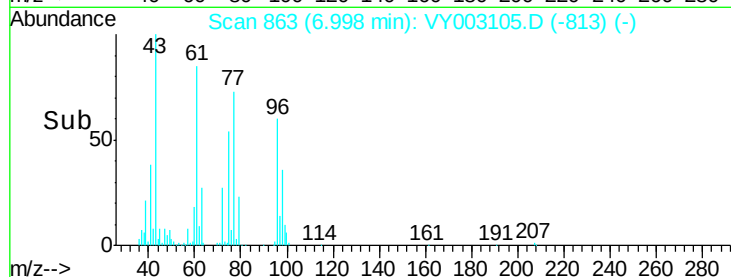
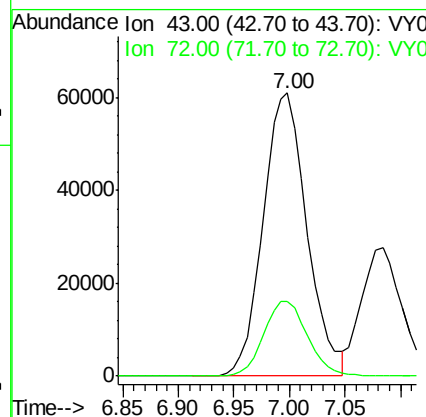
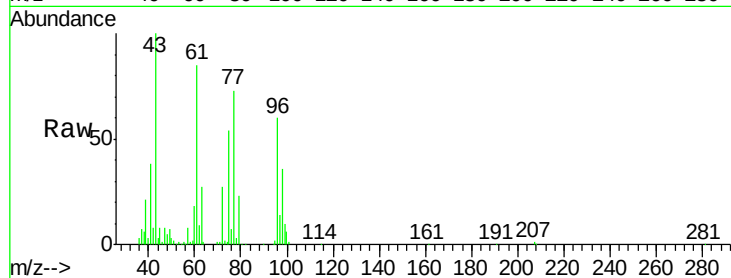
#25
2-Butanone
Concen: 104.040 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
72	26.6	21.4	32.0

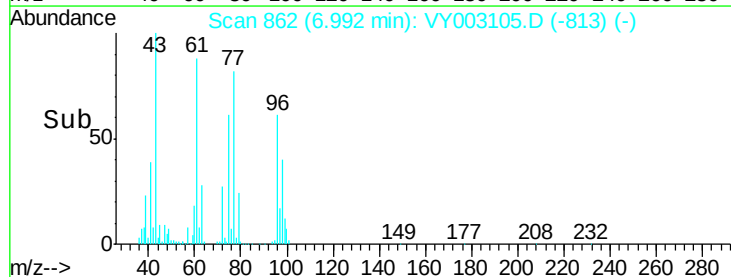
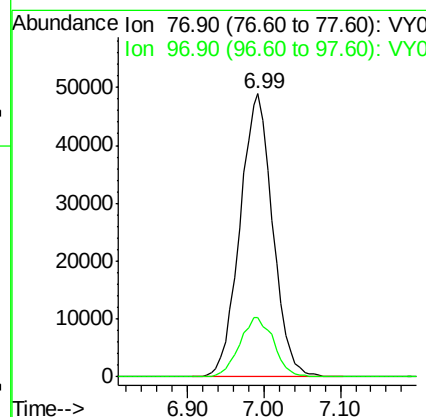
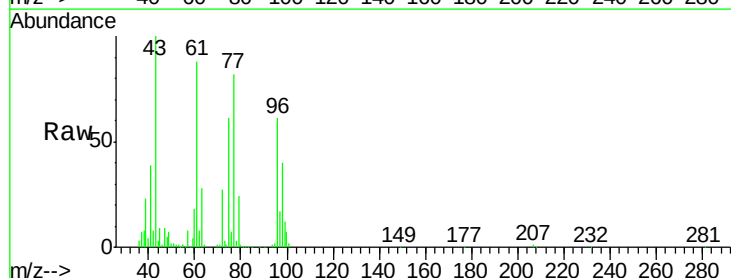
Manual Integrations
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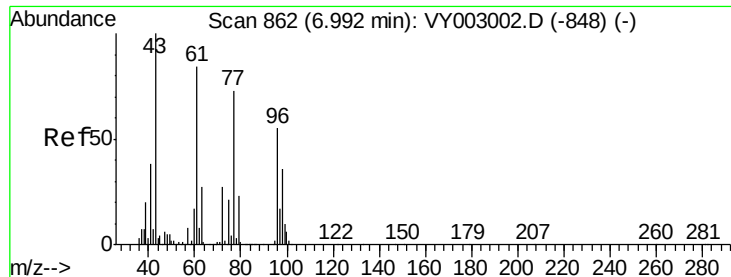
MMDadoda
7/7/2020 11:12:02 AM



#26
2,2-Dichloropropane
Concen: 20.817 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.3	33.9





#27

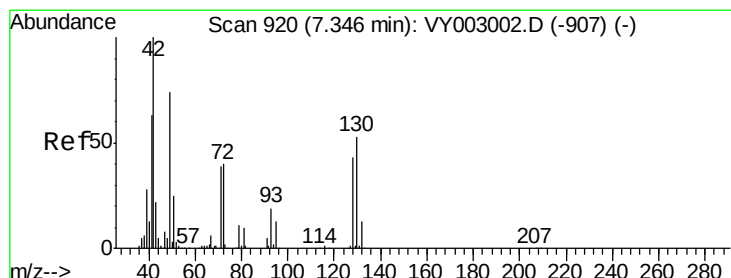
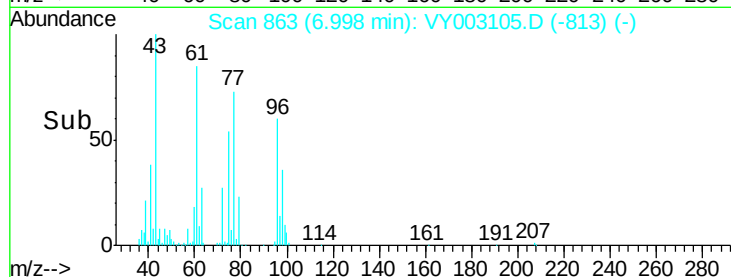
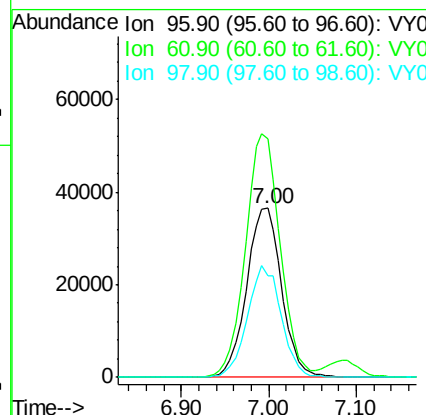
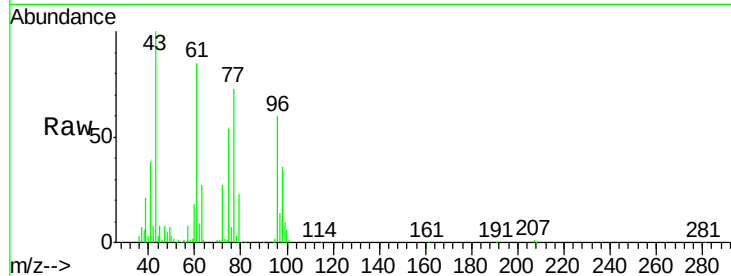
cis-1,2-Dichloroethene
 Concen: 21.320 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	301.2
98	64.2	0.0	129.0

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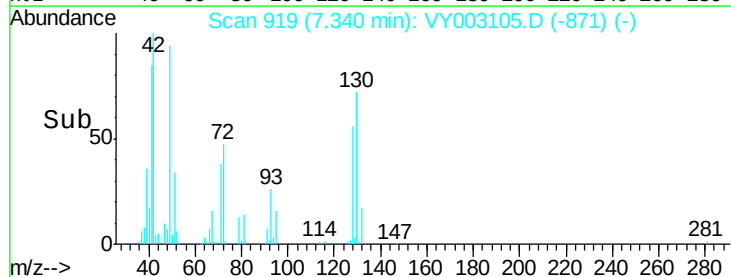
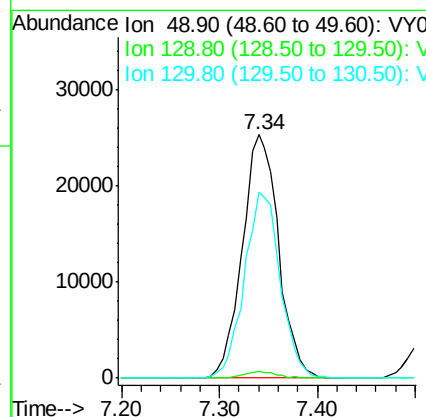
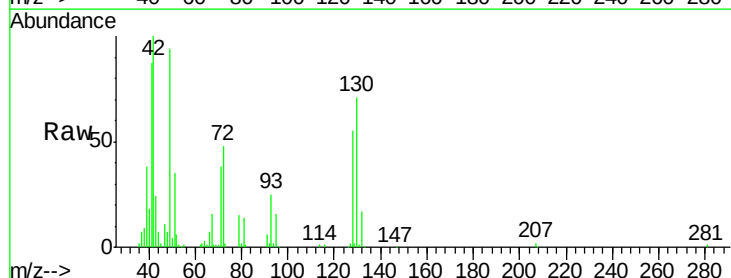
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 7/7/2020 11:12:02 AM

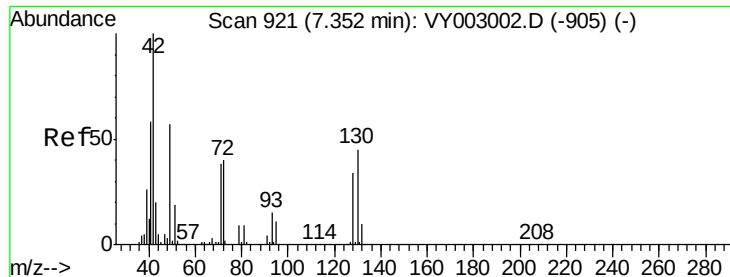


#28

Bromochloromethane
 Concen: 19.100 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	75.3	57.0	85.6





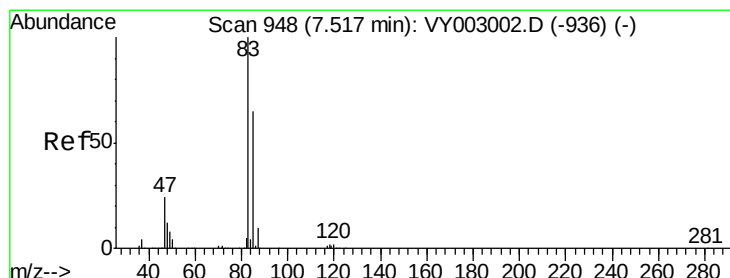
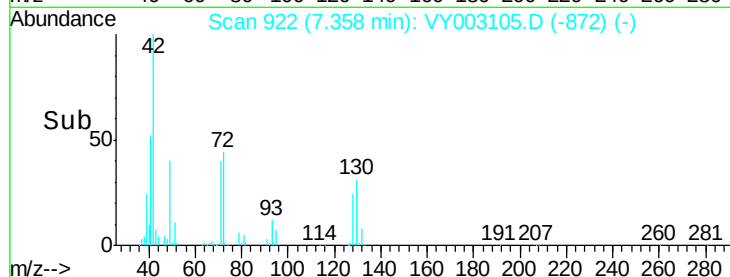
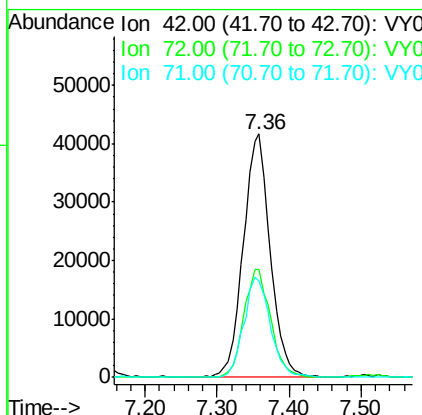
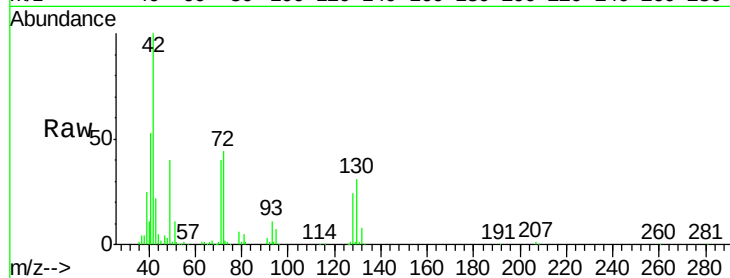
#29
Tetrahydrofuran
Concen: 101.081 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	32.9	49.3
71	40.5	31.2	46.8

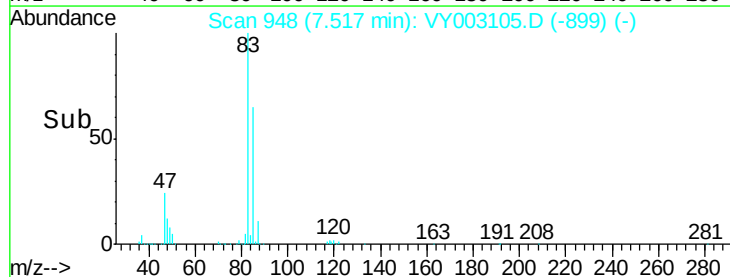
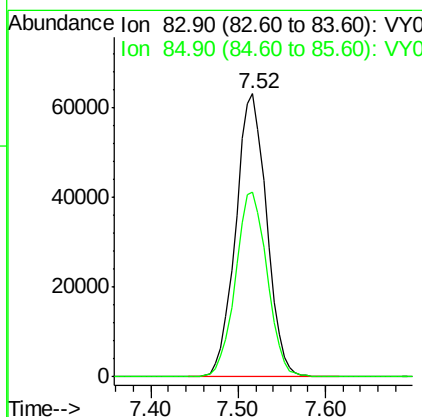
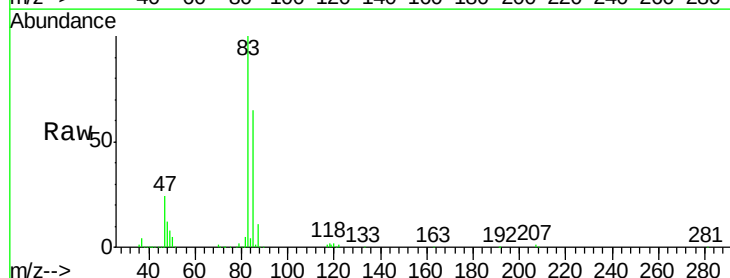
Manual Integrations
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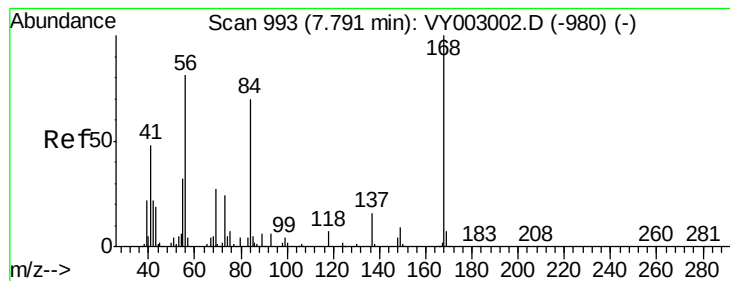
MMDadoda
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#30
Chloroform
Concen: 20.429 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.7	77.5





#31

Cyclohexane

Concen: 19.630 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

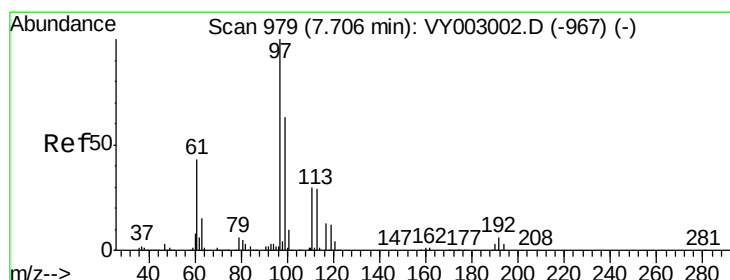
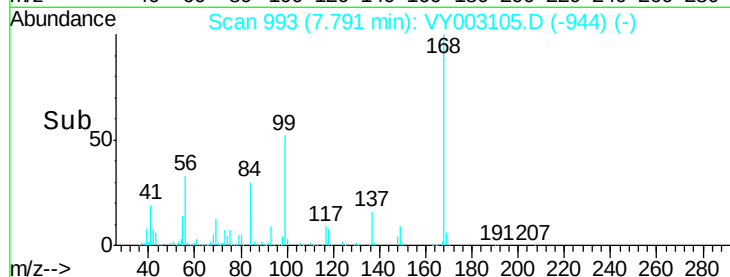
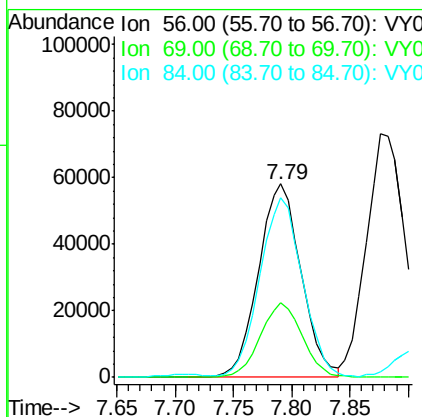
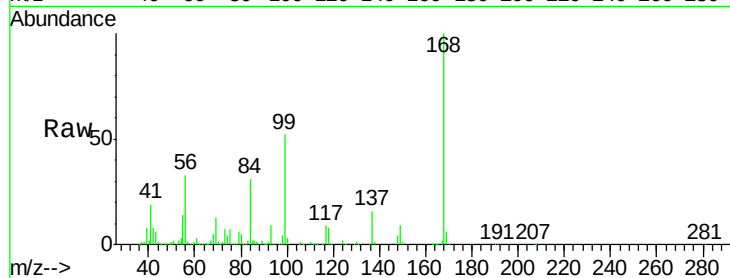
ClientSampleId :

VY0706SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		148028		
69	38.5	27.0	40.4		
84	91.3	68.1	102.1		

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.852 ug/l

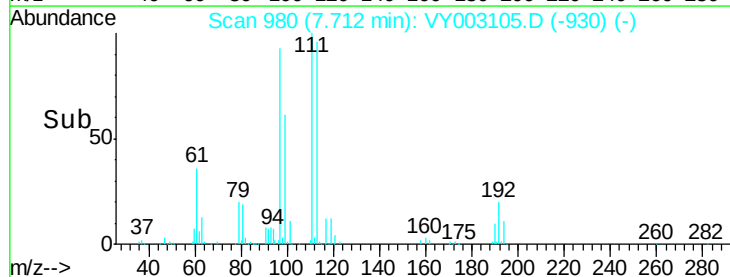
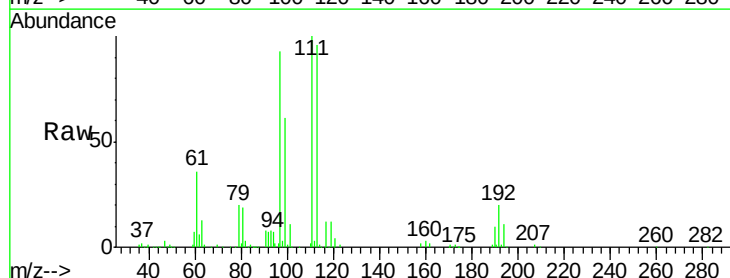
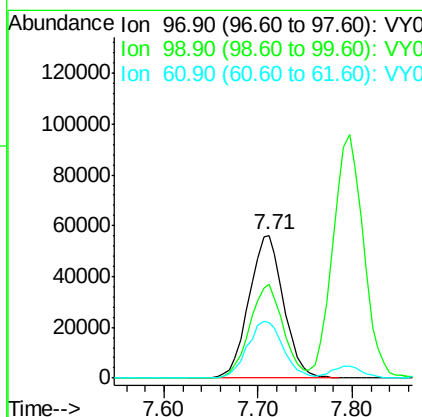
RT: 7.71 min Scan# 980

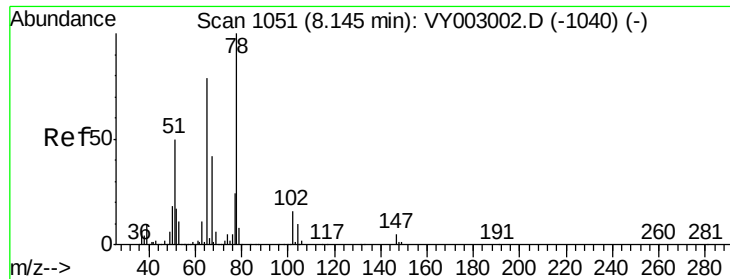
Delta R.T. 0.01 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		144337		
99	64.8	51.4	77.2		
61	41.1	33.9	50.9		





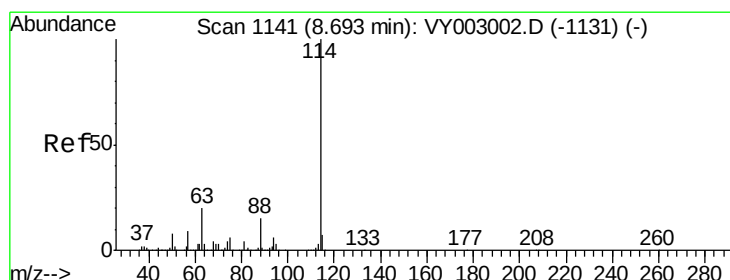
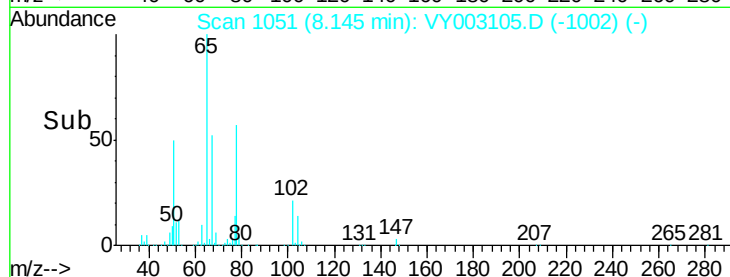
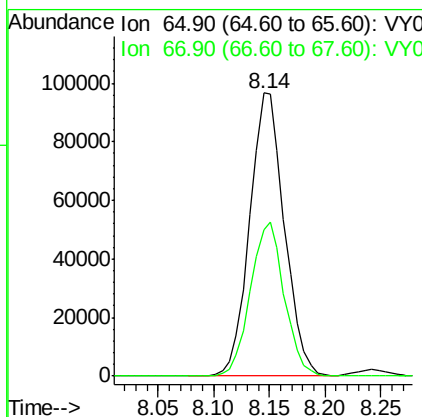
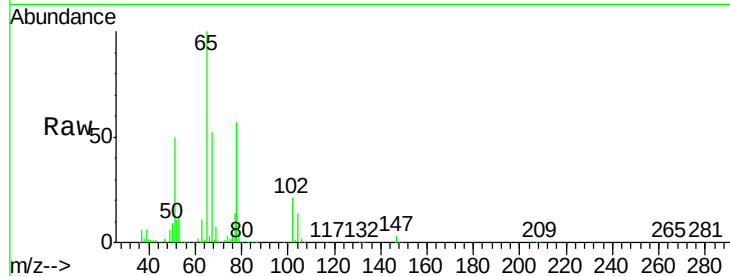
#33
 1,2-Dichloroethane-d4
 Concen: 48.920 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209749		
67	53.2	0.0	105.6	

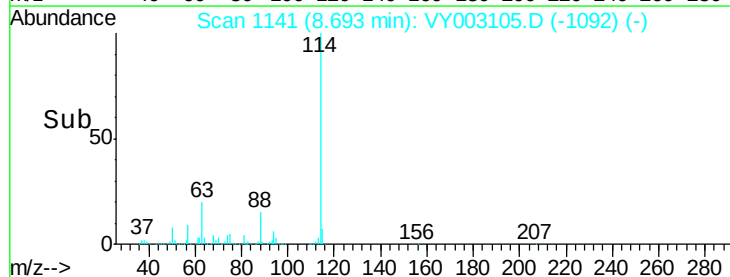
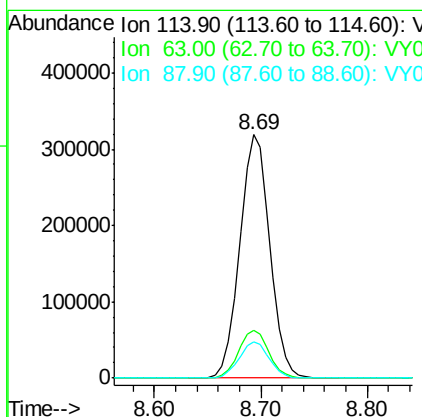
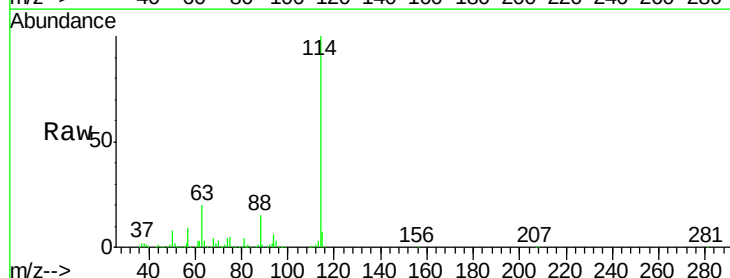
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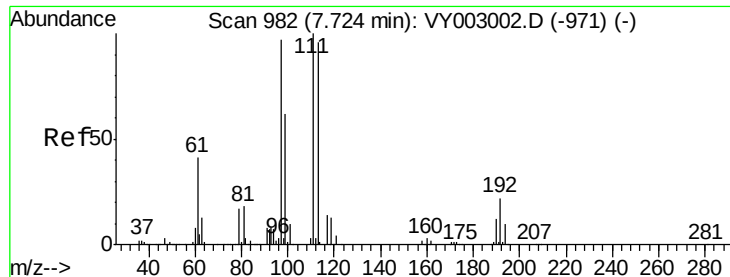
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	632631		
63	19.6	0.0	40.6	
88	15.0	0.0	30.0	





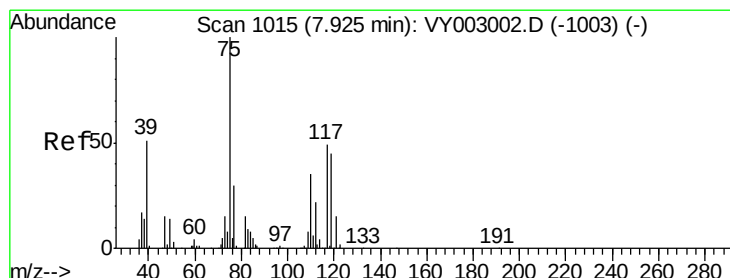
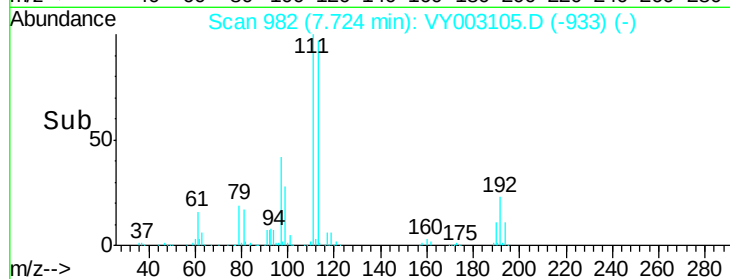
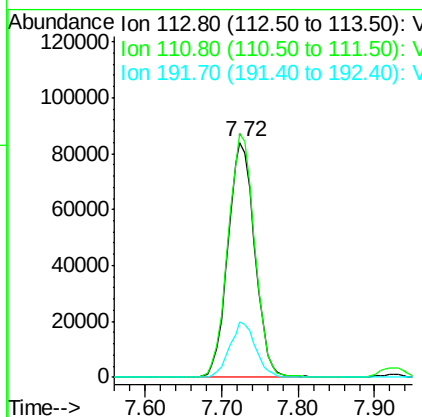
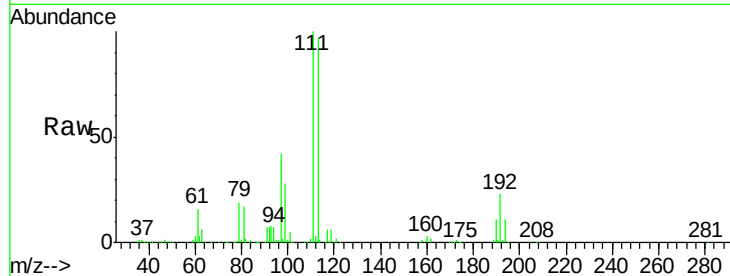
#35
Dibromofluoromethane
Concen: 51.580 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	203557		
111	103.0		82.6	123.8
192	22.8		18.1	27.1

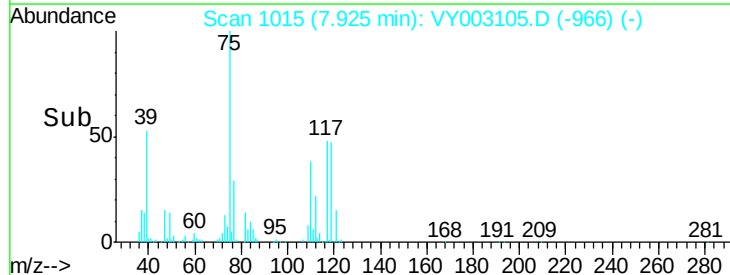
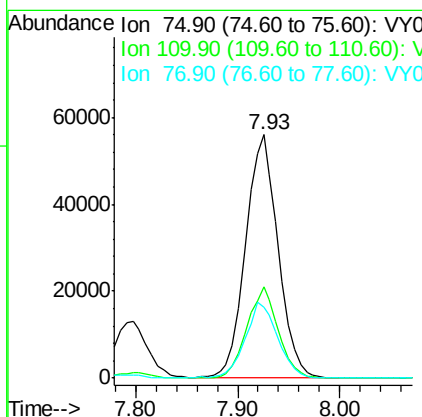
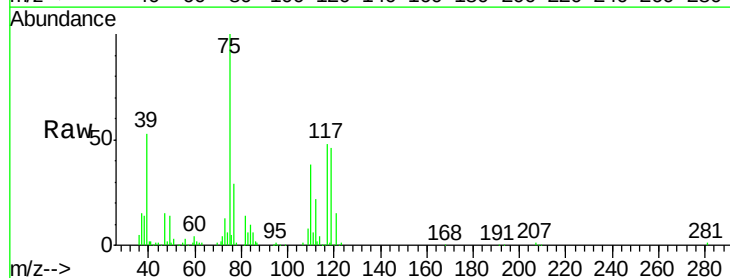
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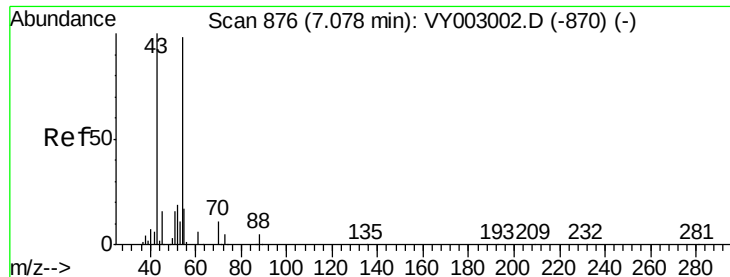
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#36
1,1-Dichloropropene
Concen: 20.267 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123504		
110	36.2		17.1	51.2
77	31.6		24.9	37.3





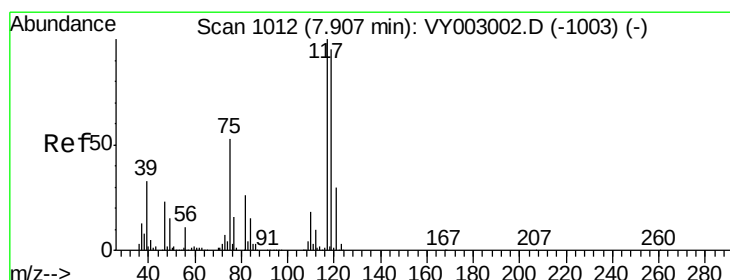
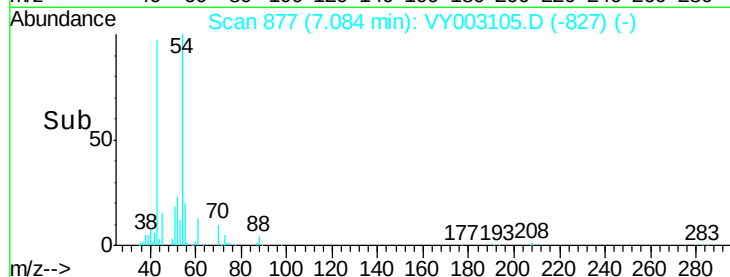
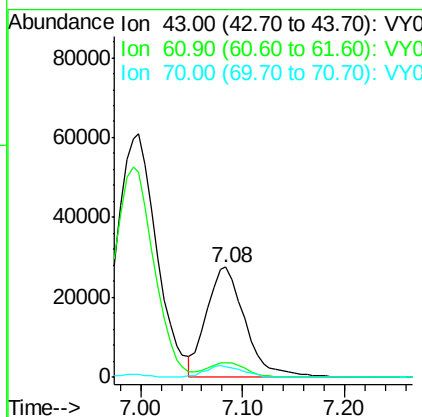
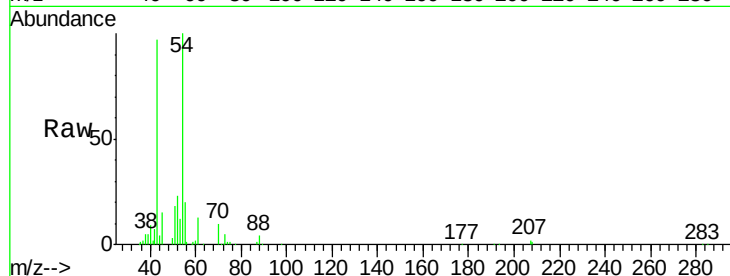
#37
Ethyl Acetate
Concen: 19.757 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.4	15.6
70	10.6	7.7	11.5

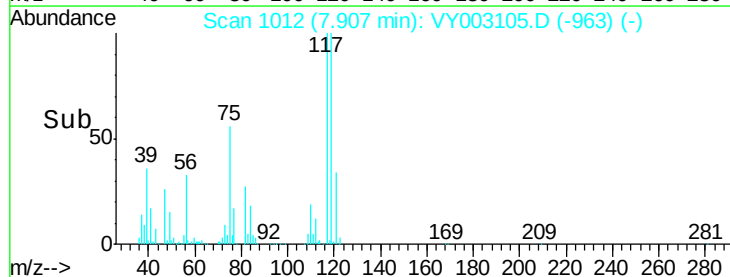
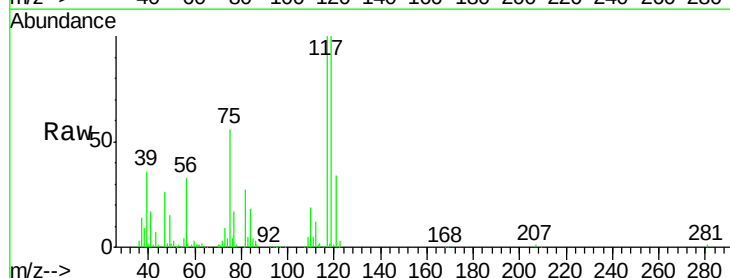
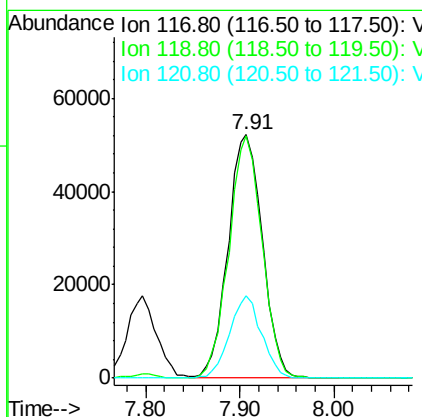
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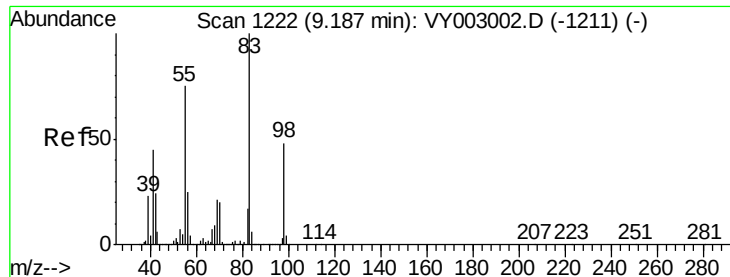
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#38
Carbon Tetrachloride
Concen: 20.799 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.7	113.5
121	33.6	23.9	35.9





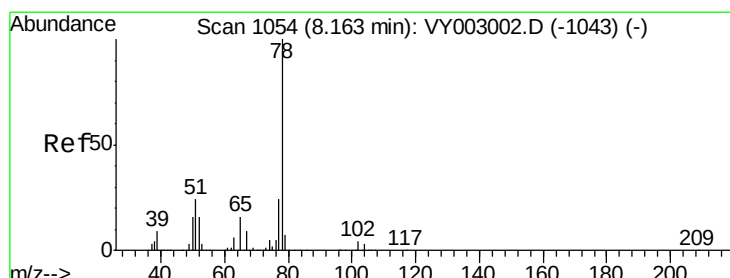
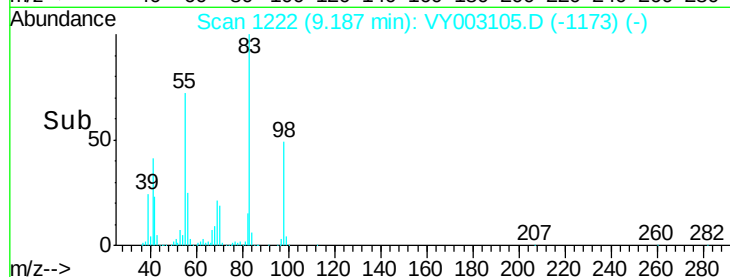
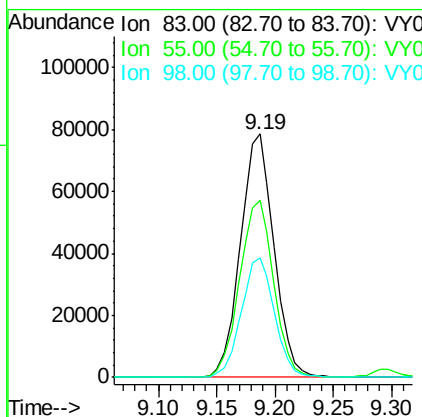
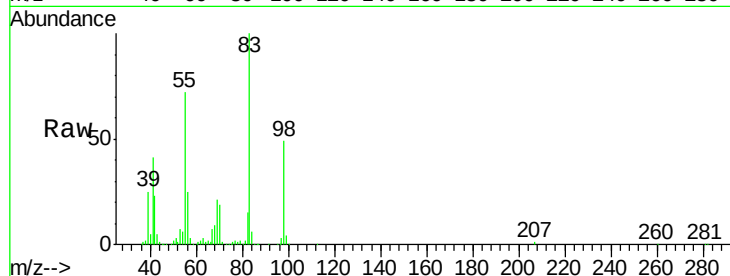
#39
Methvlcvclohexane
Concen: 20.914 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	83	Resp	158010
Ion Ratio	Lower	Upper	
83	100		
55	72.5	59.9	89.9
98	49.1	38.7	58.1

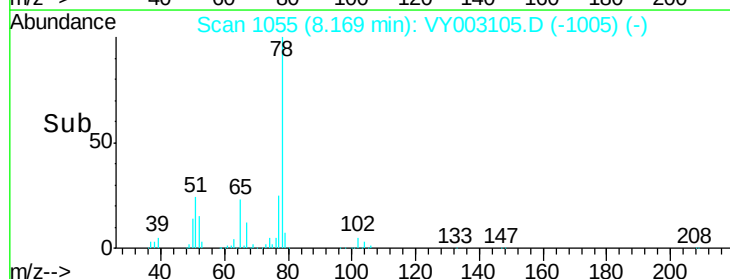
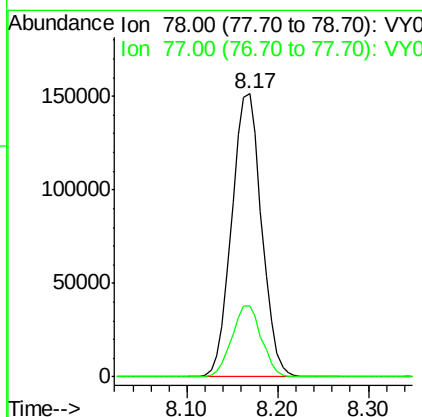
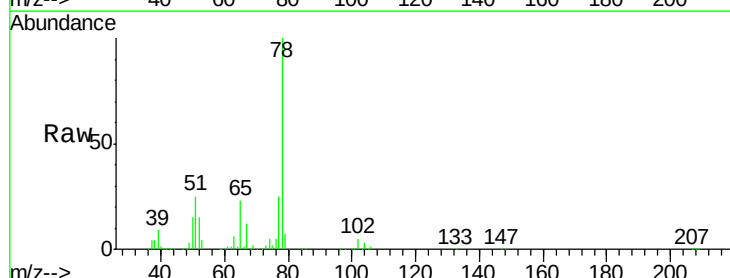
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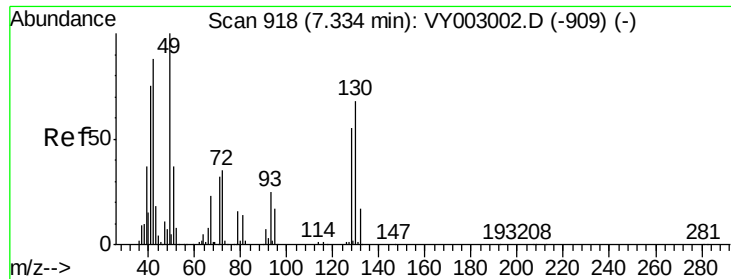
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#40
Benzene
Concen: 20.771 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	78	Resp	346529
Ion Ratio	Lower	Upper	
78	100		
77	24.9	19.2	28.8





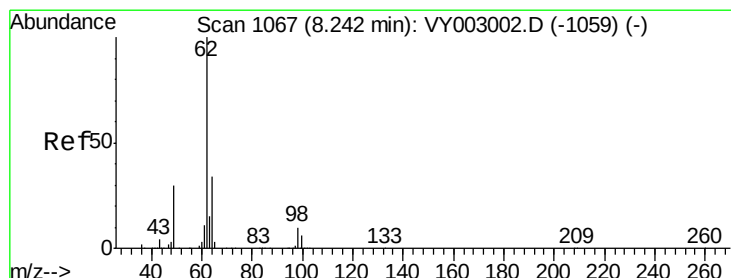
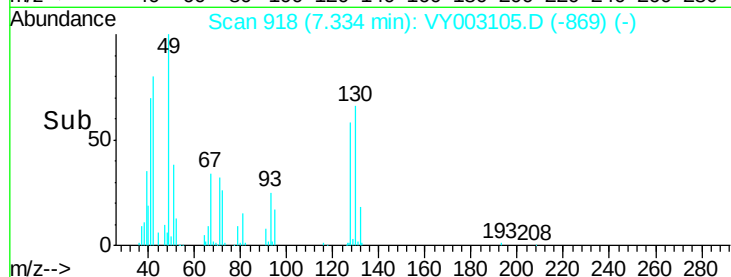
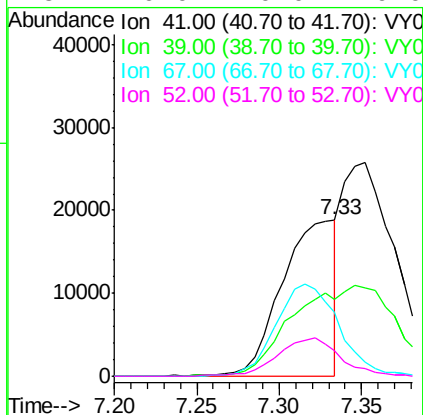
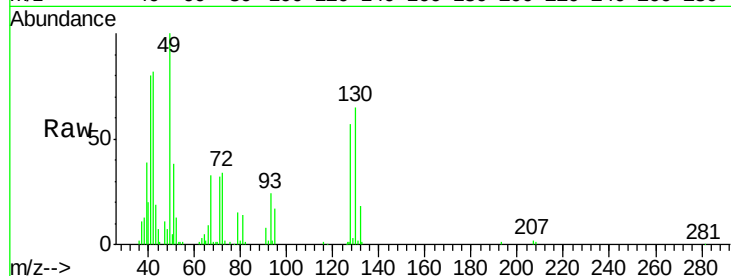
#41
Methacrylonitrile
Concen: 22.205 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	41	Resp	43460
Ion	Ratio	Lower	Upper
41	100		
39	110.5	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

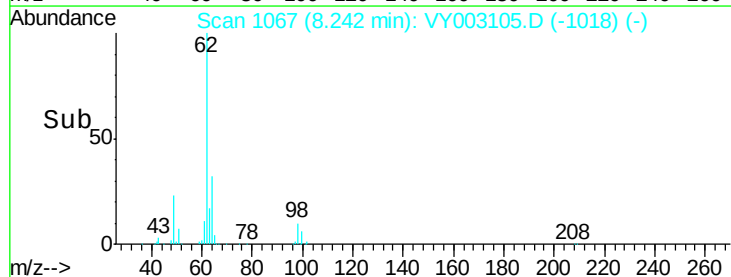
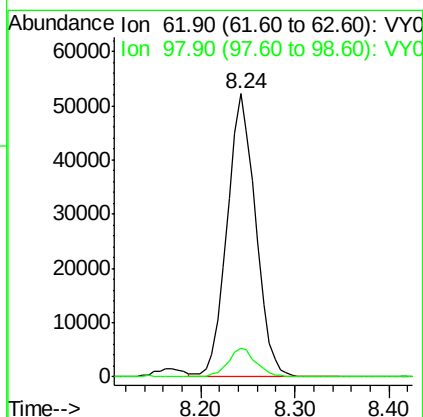
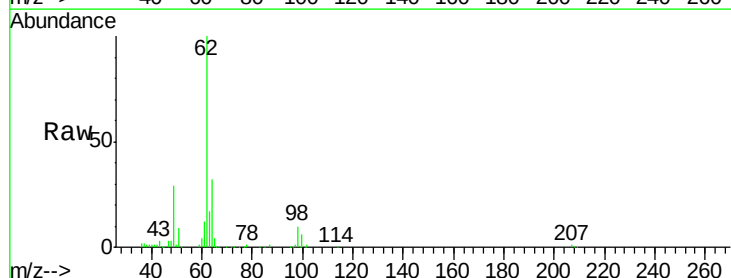
Manual Integrations
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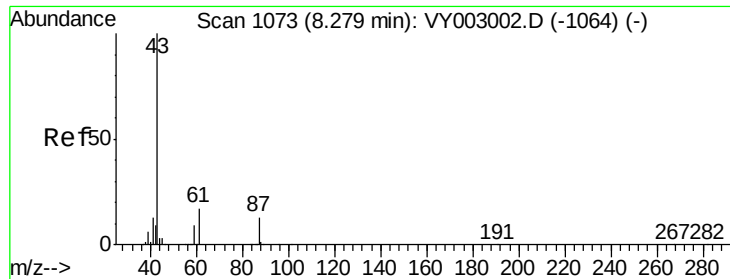
MMDadoda
7/7/2020 11:12:02 AM



#42
1,2-Dichloroethane
Concen: 20.791 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	62	Resp	109729
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.113 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

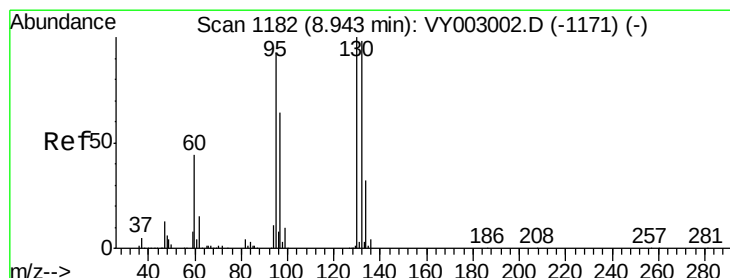
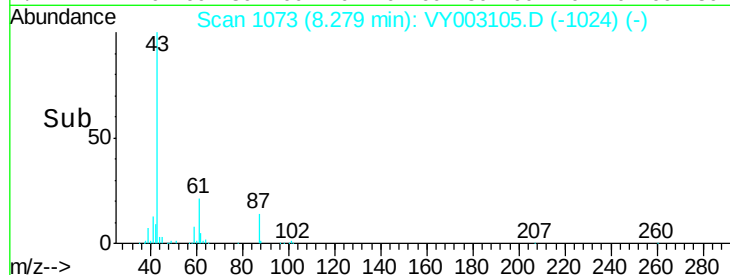
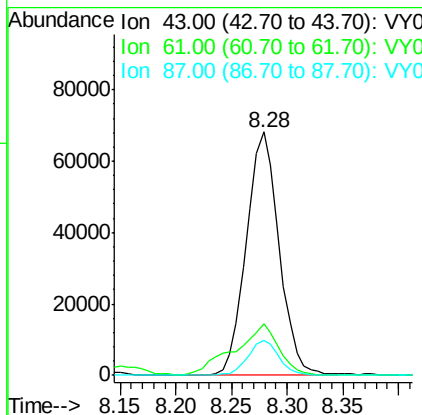
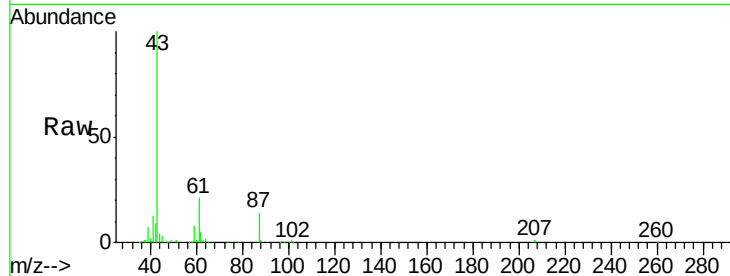
ClientSampleId :

VY0706SBSD01

Tot Ion:	43	Resp:	140092
Ion	Ratio	Lower	Upper
43	100		
61	28.5	21.8	32.6
87	13.7	10.1	15.1

Manual Integrations
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#44

Trichloroethene

Concen: 21.352 ug/l

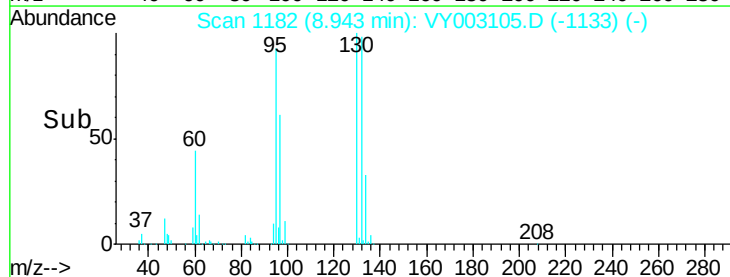
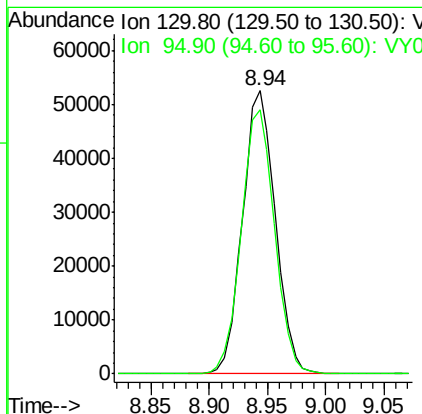
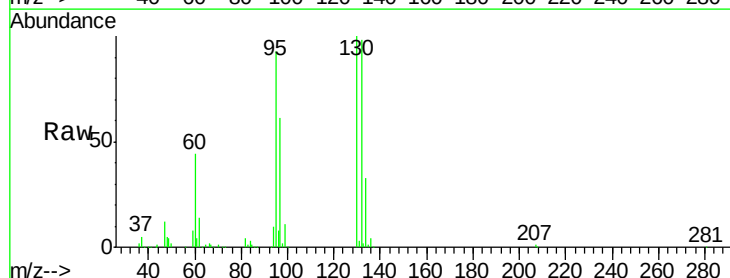
RT: 8.94 min Scan# 1182

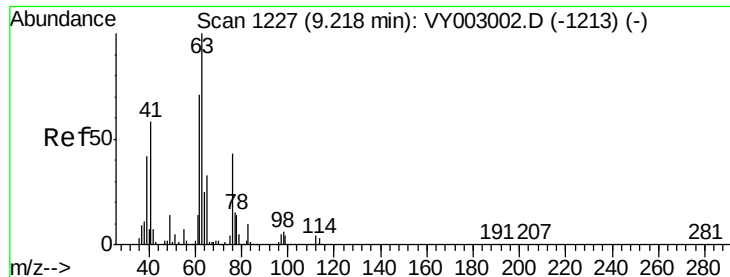
Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion:	130	Resp:	103534
Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	186.4





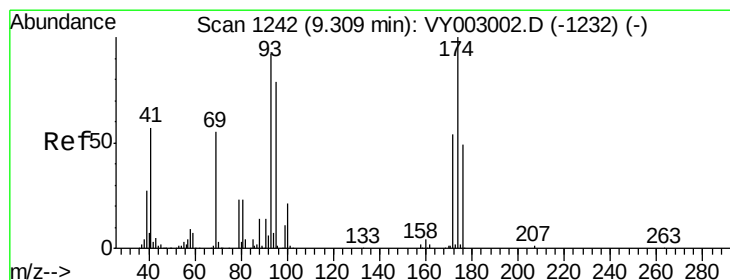
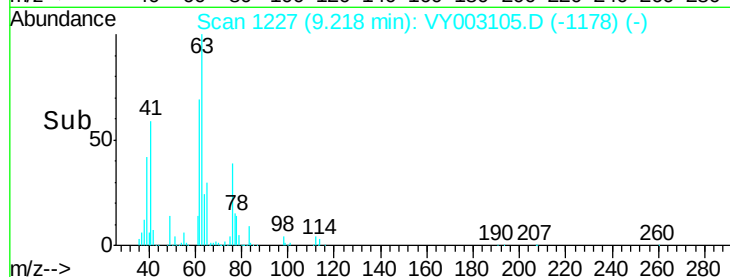
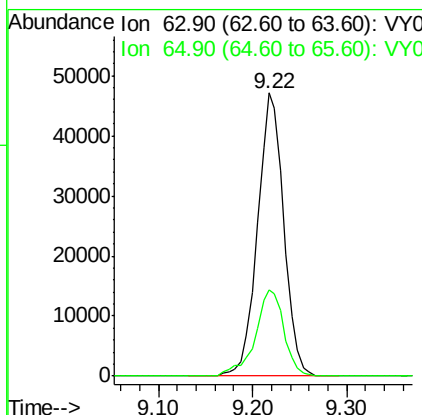
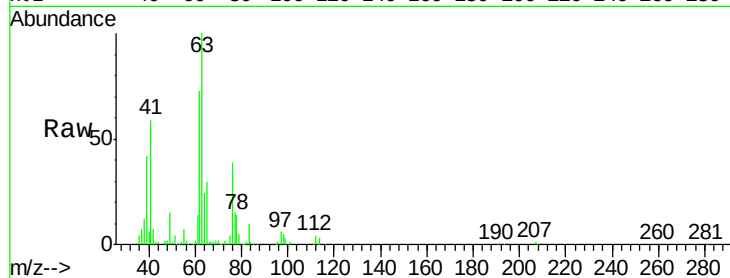
#45
 1,2-Dichloropropane
 Concen: 20.559 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	26.2	39.4

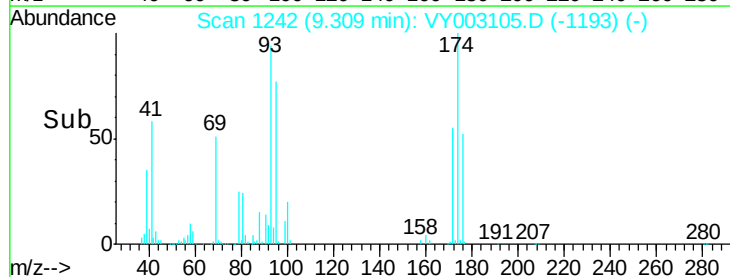
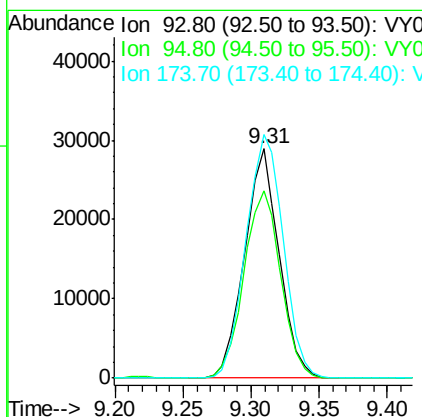
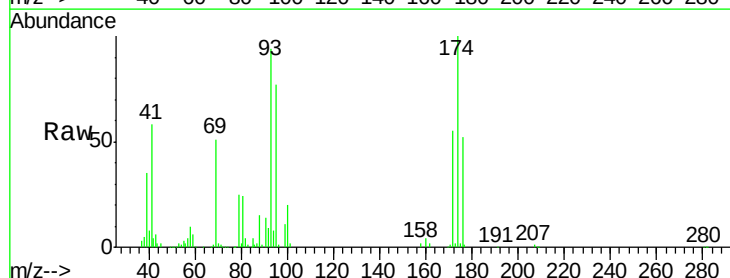
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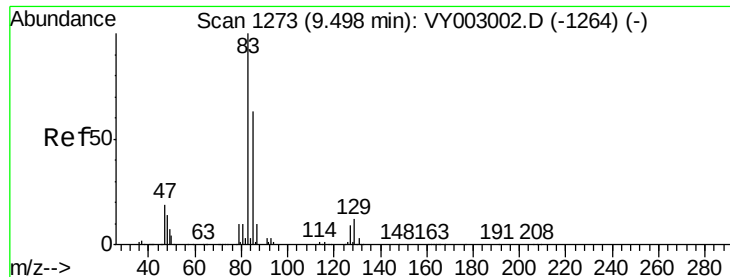
MMDadoda
 7/7/2020 11:12:02 AM



#46
 Dibromomethane
 Concen: 20.535 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	87.1	67.6	101.4
174	114.7	88.3	132.5





#47

Bromodichloromethane

Concen: 20.759 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

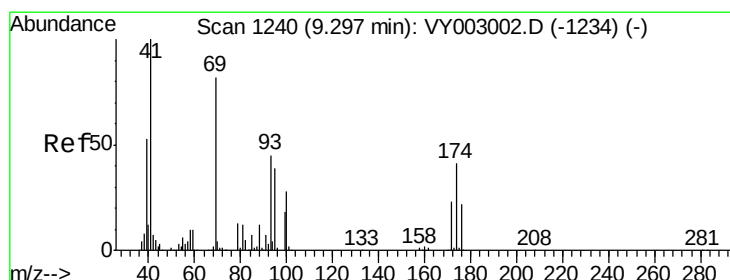
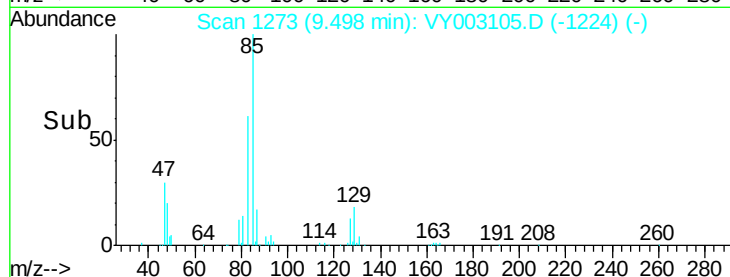
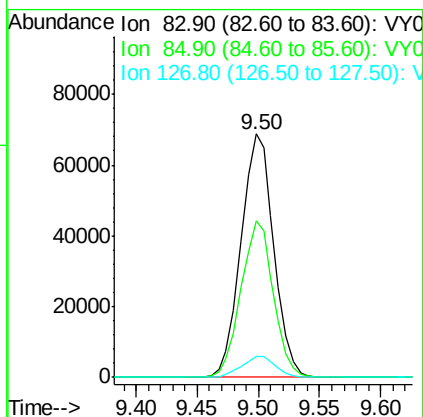
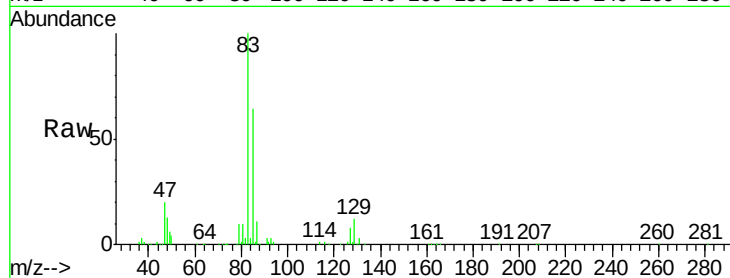
ClientSampleId :

VY0706SBSD01

Tot Ion:	83	Resp:	127424
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.5	75.7
127	8.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.384 ug/l

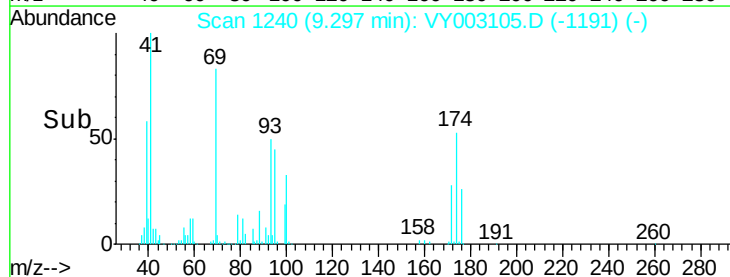
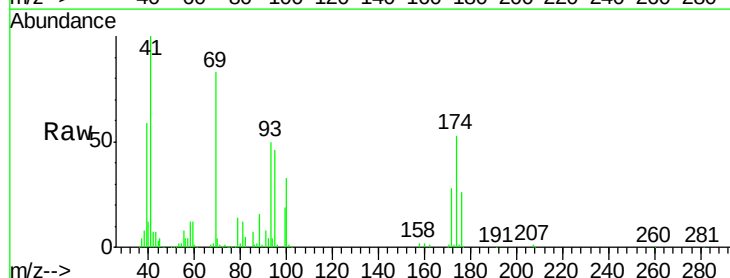
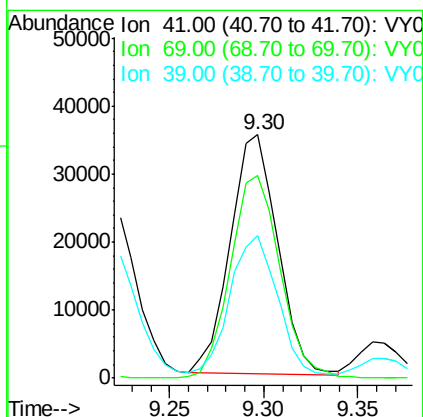
RT: 9.30 min Scan# 1240

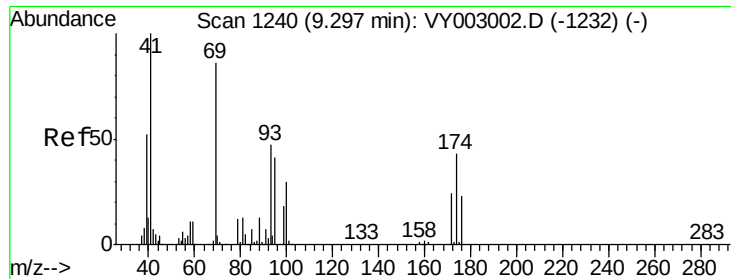
Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion:	41	Resp:	61455
Ion	Ratio	Lower	Upper
41	100		
69	88.6	67.7	101.5
39	61.2	45.0	67.4





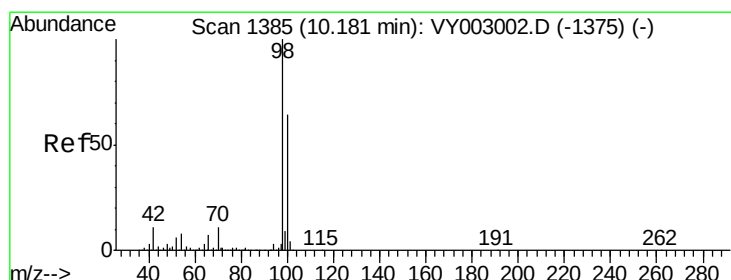
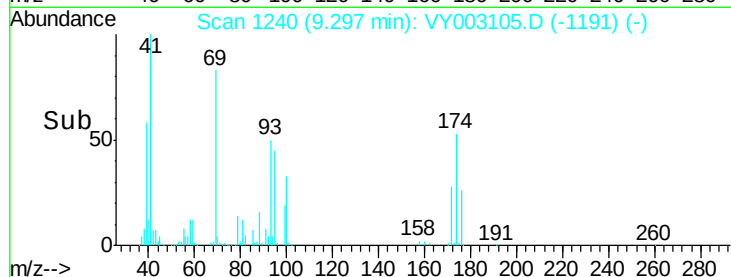
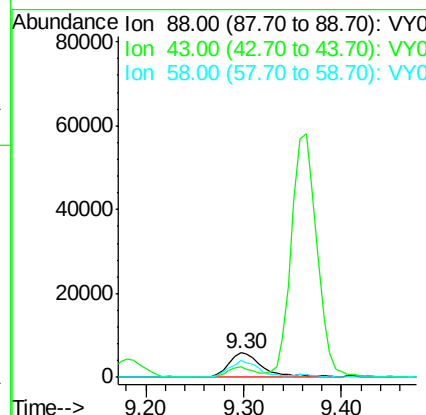
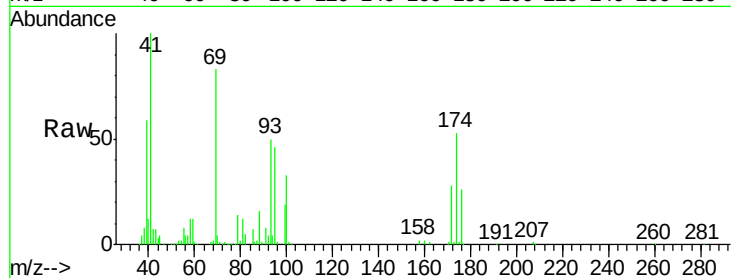
#49
1,4-Dioxane
Concen: 470.381 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	88	Resp	14394
Ion	Ratio	Lower	Upper
88	100		
43	28.7	28.6	42.8
58	59.2	56.7	85.1

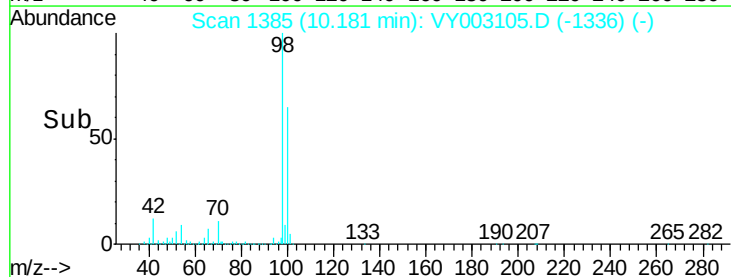
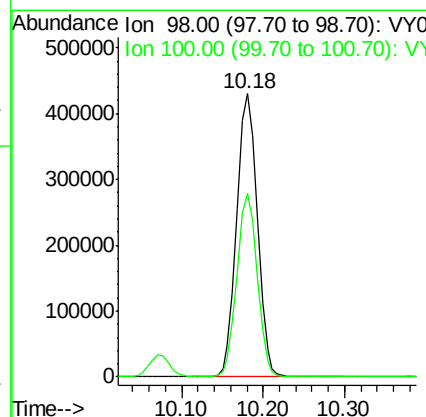
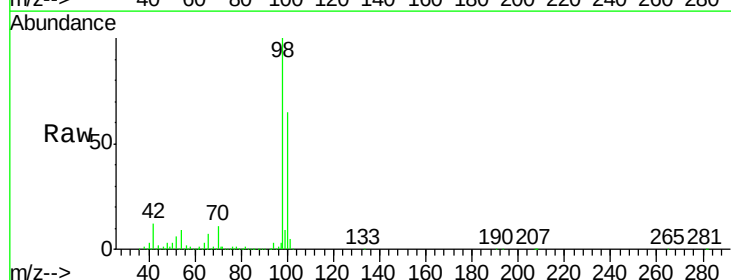
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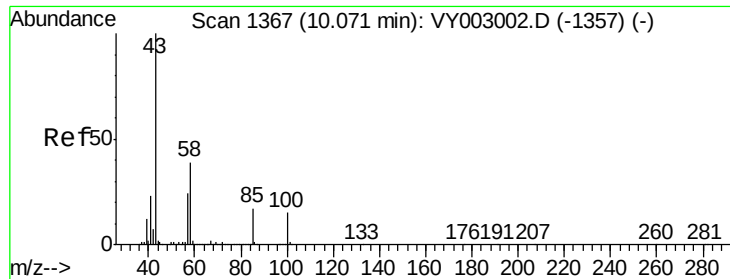
MMDadoda
7/7/2020 11:12:02 AM



#50
Toluene-d8
Concen: 50.852 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	98	Resp	747636
Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7





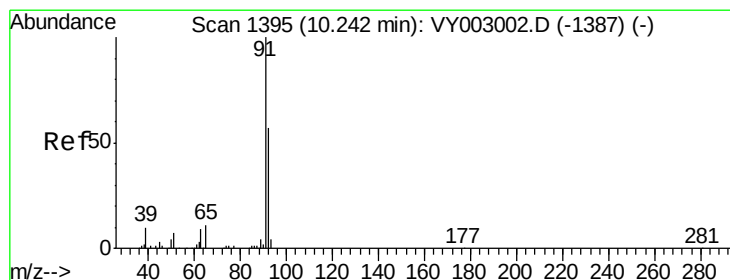
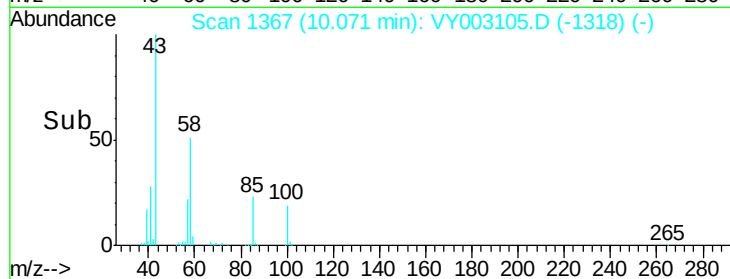
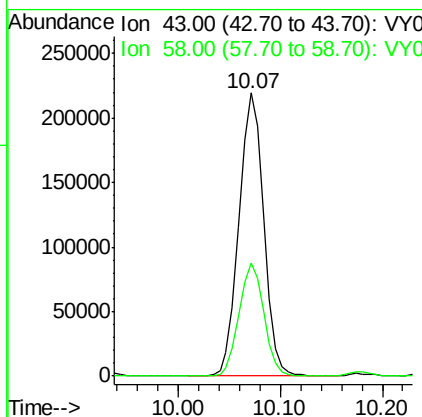
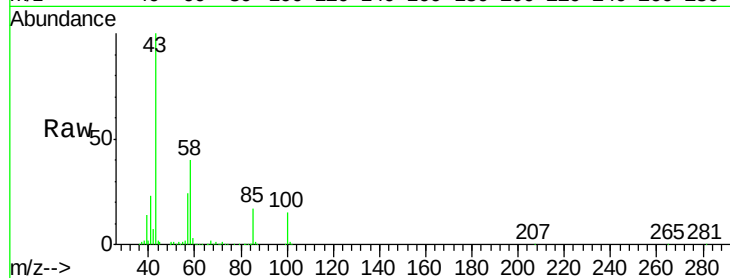
#51
4-Methyl-2-Pentanone
Concen: 102.030 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.1	46.7

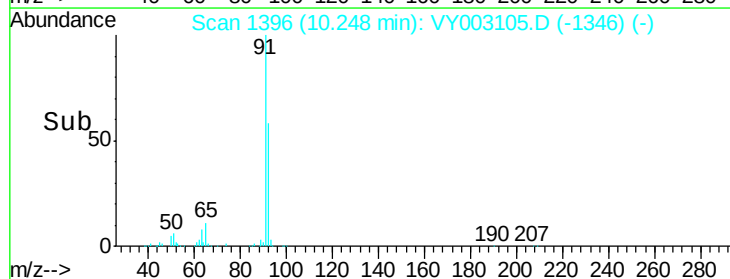
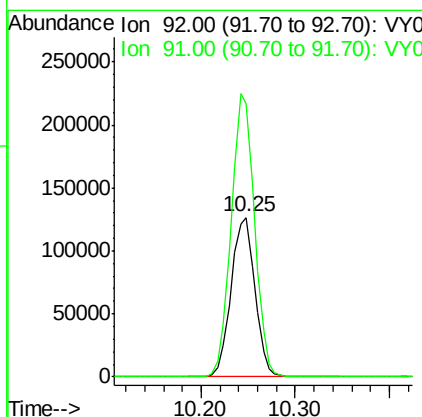
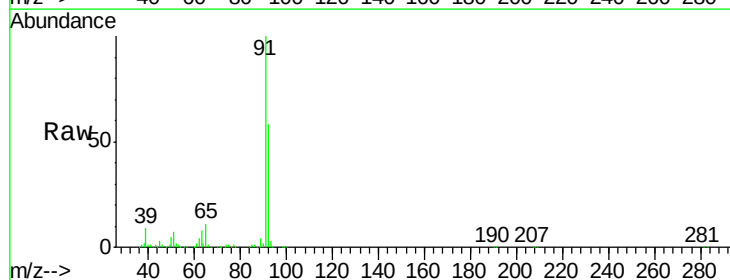
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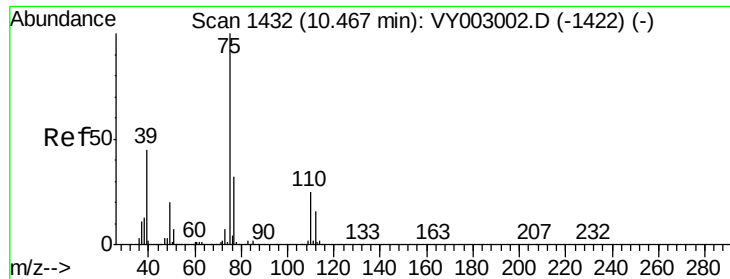
MMDadoda
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#52
Toluene
Concen: 21.144 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.9	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 20.686 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

Tot Ion: 75 Resp: 133124

Ion Ratio Lower Upper

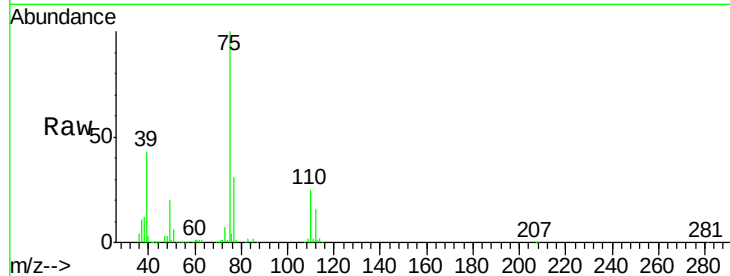
75 100

77 30.8 25.9 38.9

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

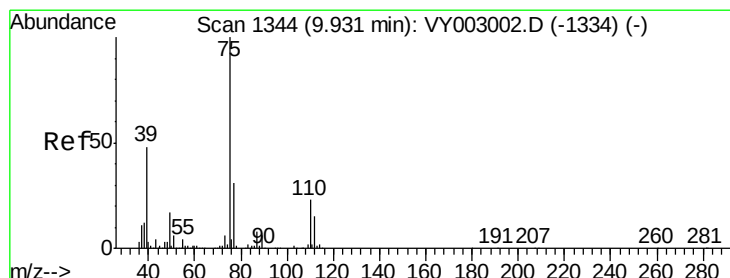
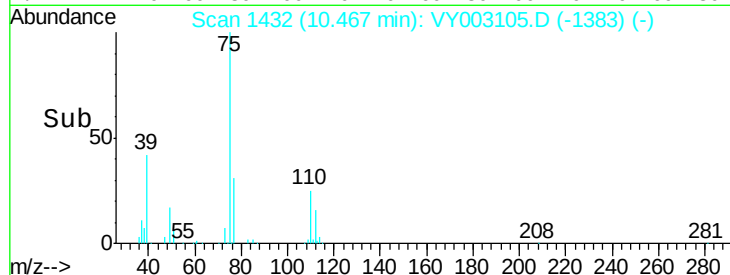
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.640 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

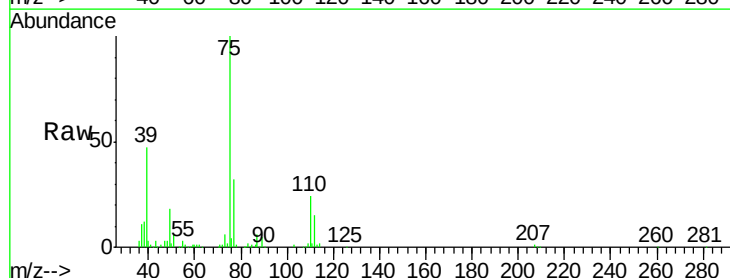
Tgt Ion: 75 Resp: 151911

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0

39 46.4 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

120000

100000

80000

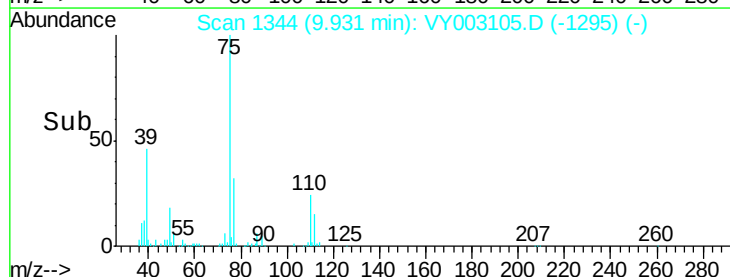
60000

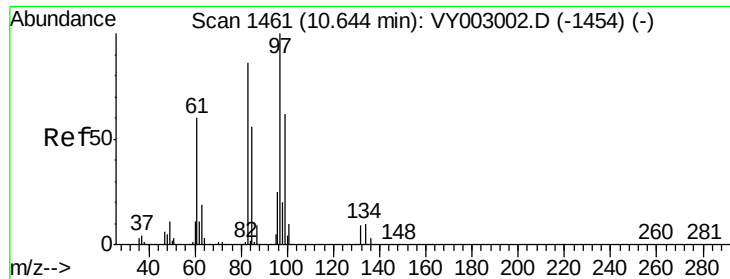
40000

20000

0

Time-->





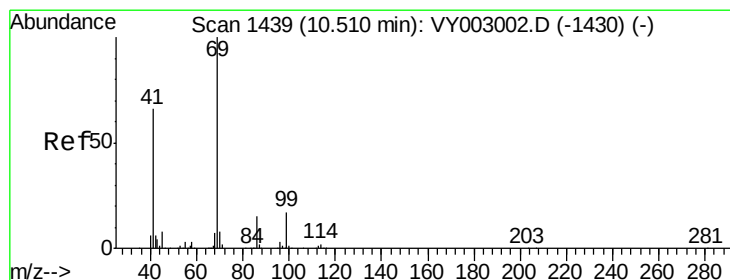
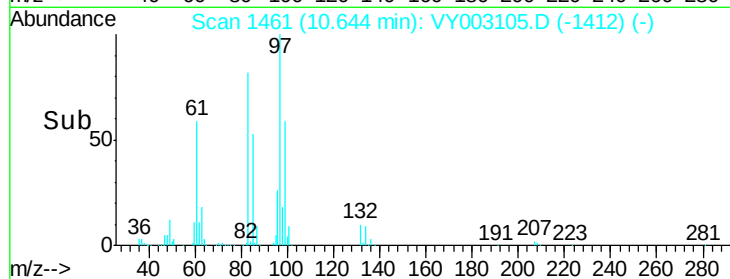
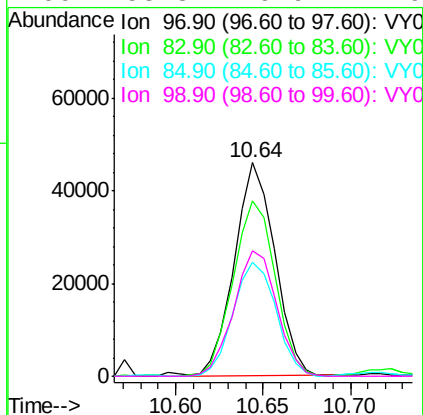
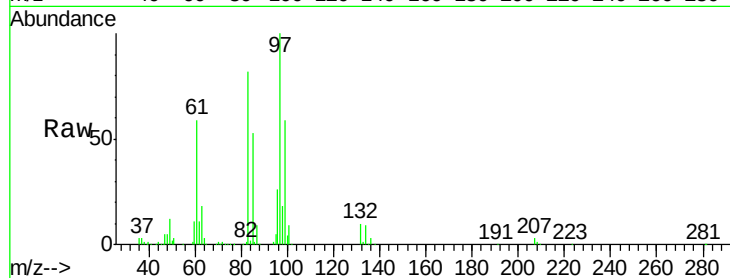
#55
 1,1,2-Trichloroethane
 Concen: 21.293 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion:	97	Resp:	74172
Ion	Ratio	Lower	Upper
97	100		
83	82.1	69.0	103.6
85	53.0	44.8	67.2
99	58.8	49.9	74.9

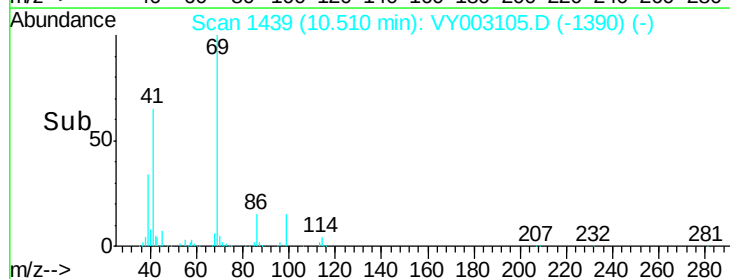
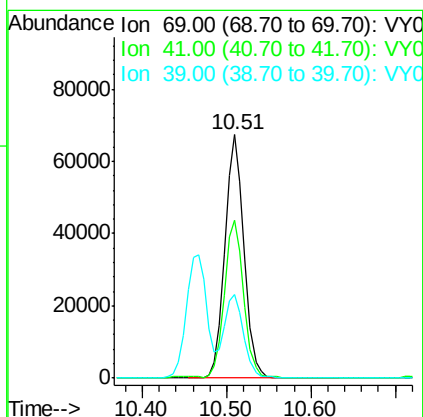
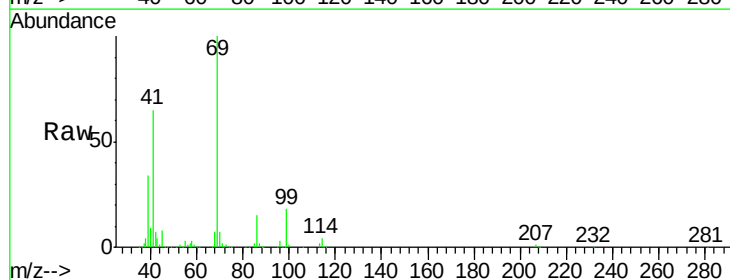
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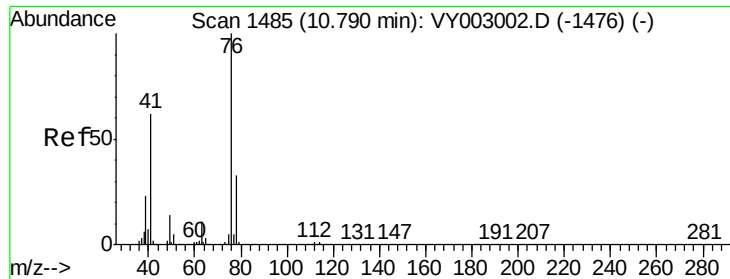
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 7/7/2020 11:12:02 AM



#56
 Ethyl methacrylate
 Concen: 20.862 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion:	69	Resp:	105195
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.7	80.5
39	35.3	28.3	42.5





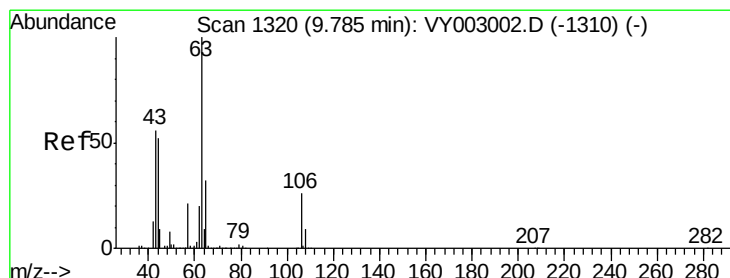
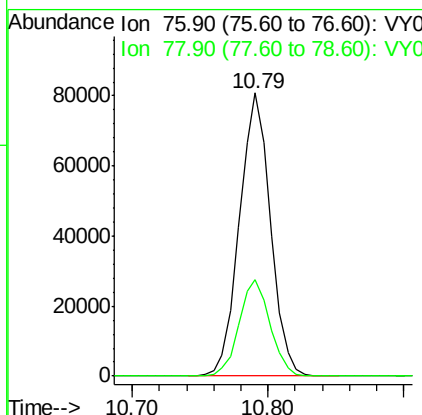
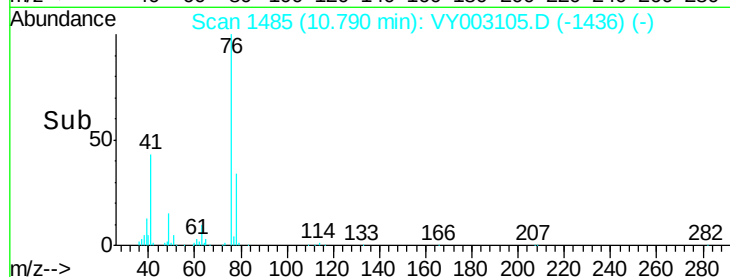
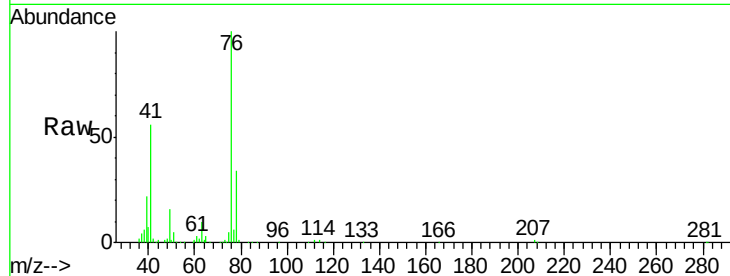
#57
 1,3-Dichloropropane
 Concen: 20.983 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.0	26.0	39.0

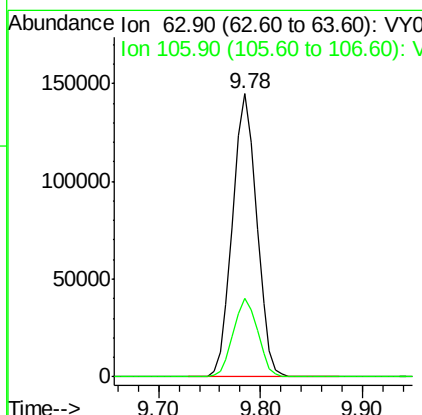
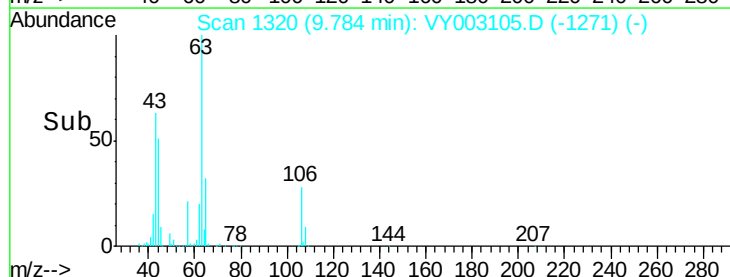
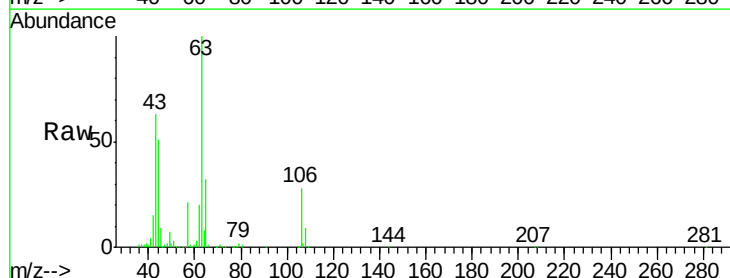
Manual Integrations
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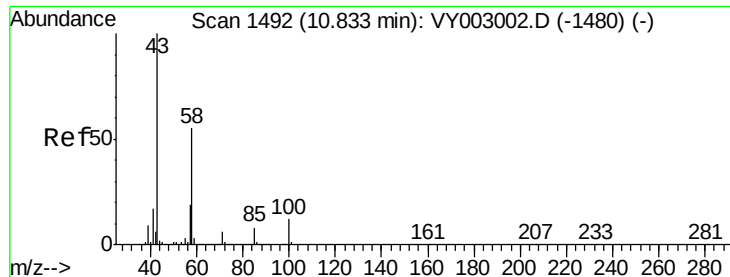
MMDadoda
 7/7/2020 11:12:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.137 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.5	32.3





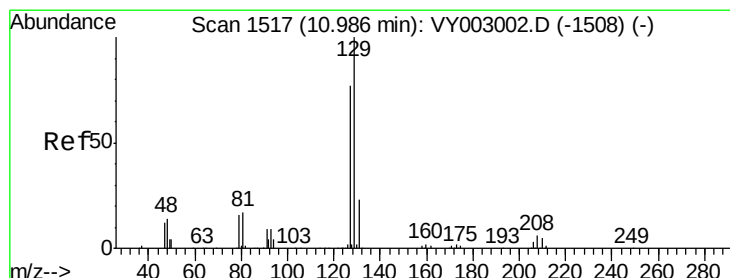
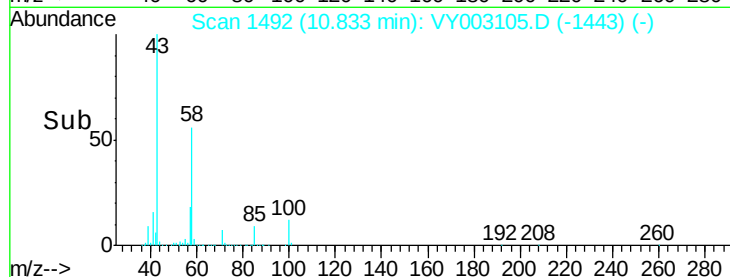
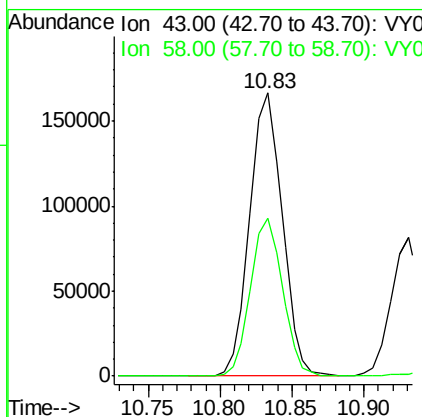
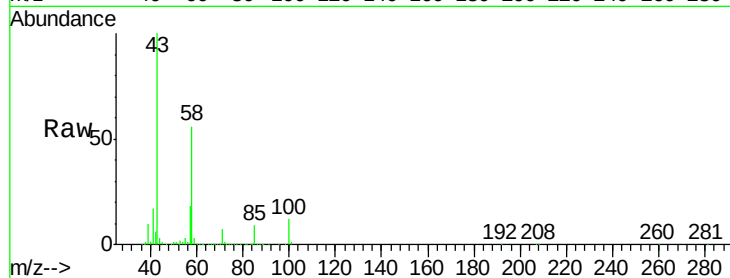
#59
2-Hexanone
Concen: 103.456 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.5	82.4

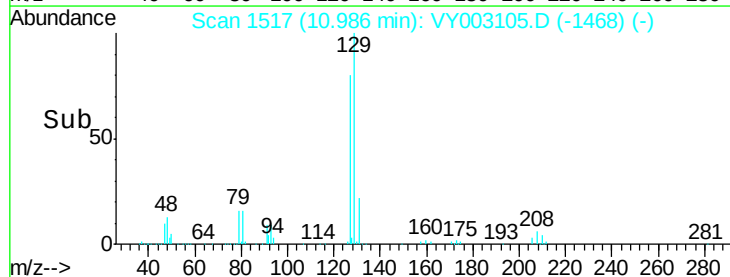
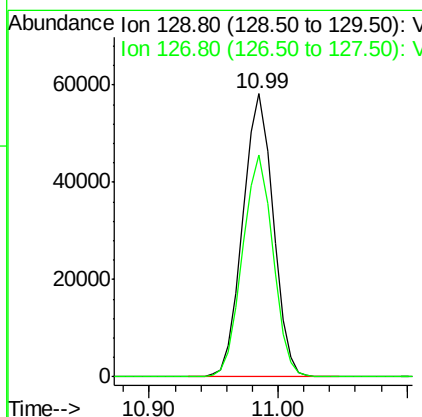
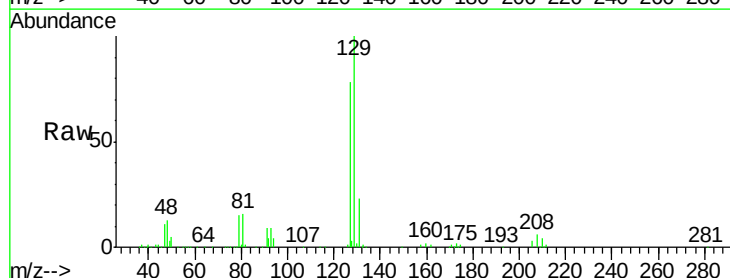
Manual Integrations
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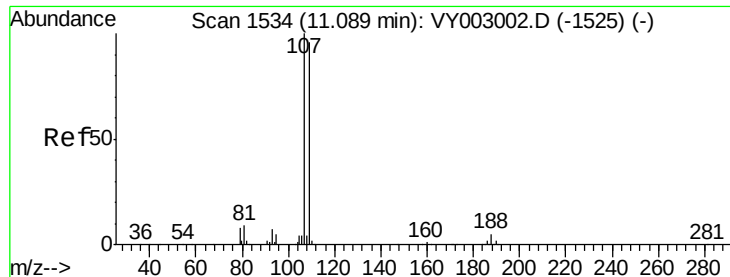
MMDadoda
7/7/2020 11:12:02 AM



#60
Dibromochloromethane
Concen: 21.292 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.3





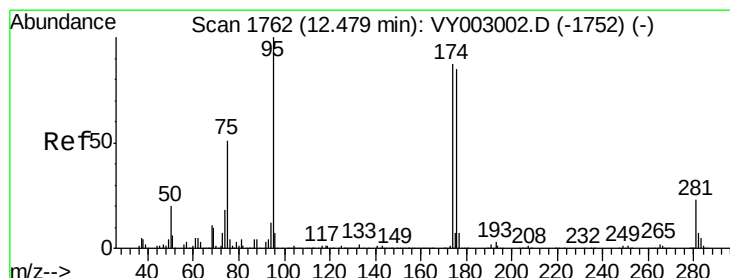
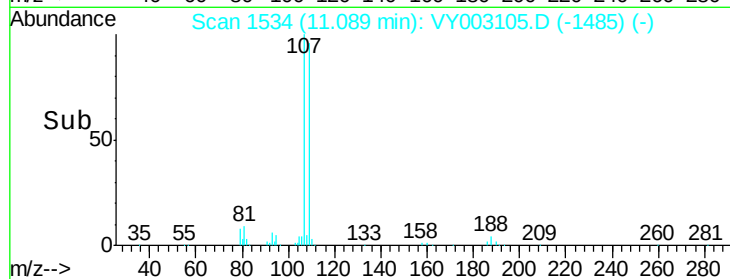
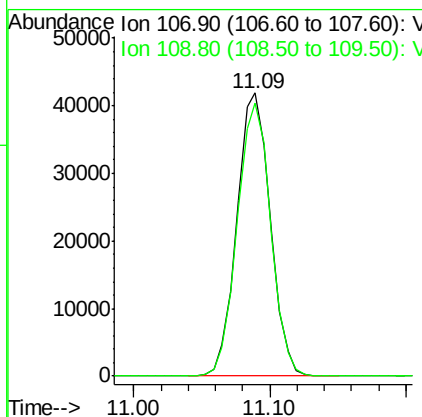
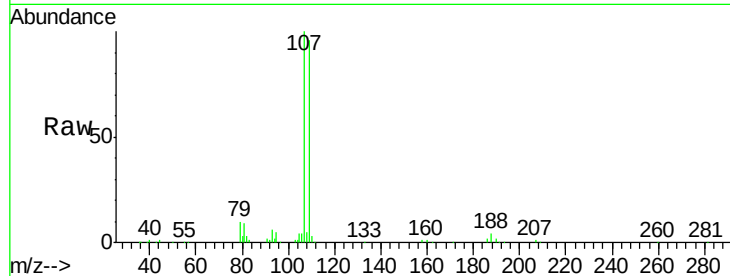
#61
 1,2-Dibromoethane
 Concen: 20.882 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.8	75.8	113.8

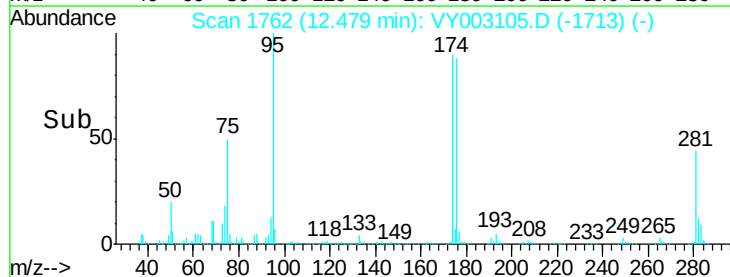
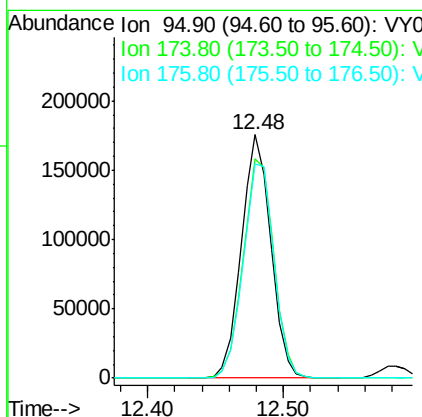
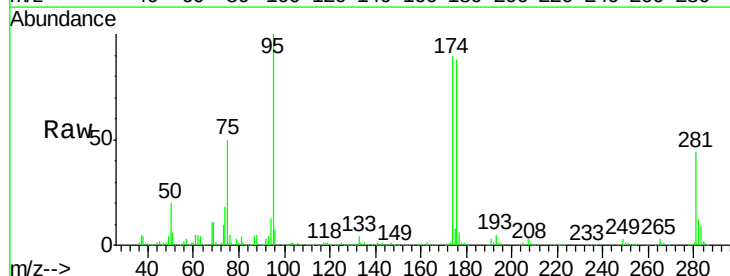
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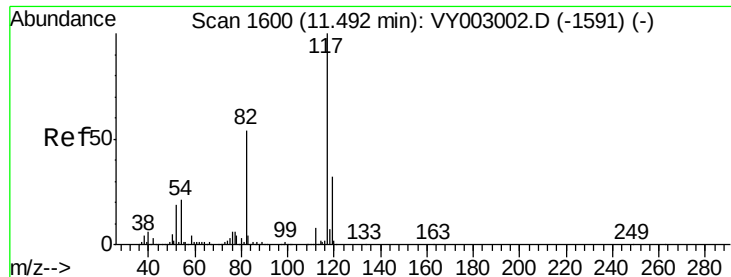
MMDadoda
 7/7/2020 11:12:02 AM



#62
 4-Bromofluorobenzene
 Concen: 51.283 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	184.8
176	92.1	0.0	183.0





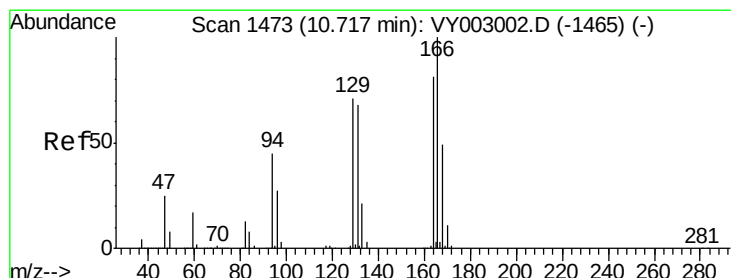
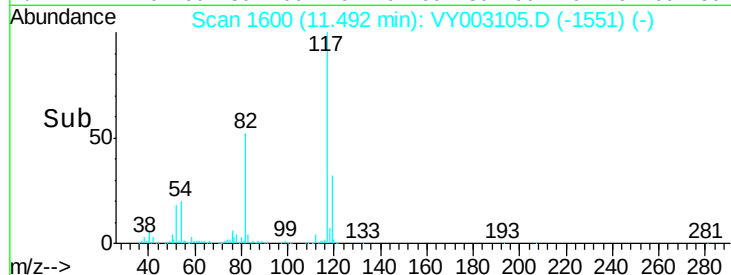
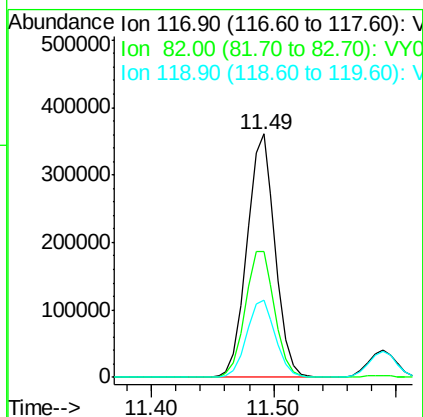
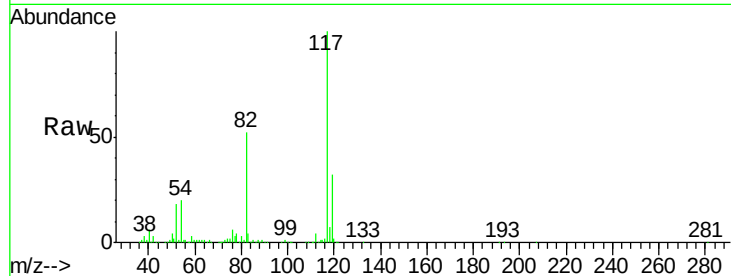
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	573531		
82	51.7	43.0	64.6	
119	31.6	25.8	38.8	

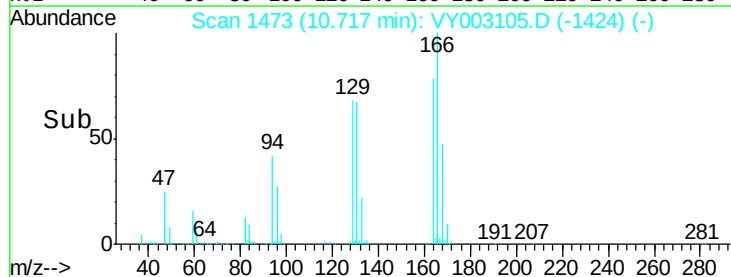
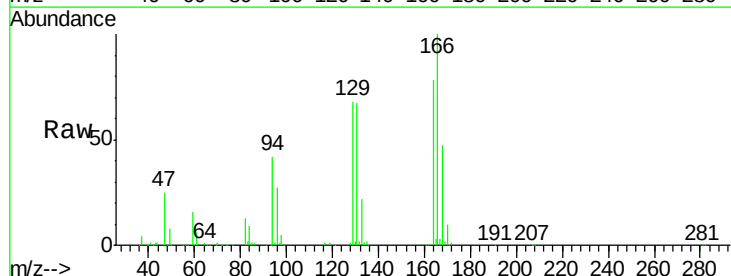
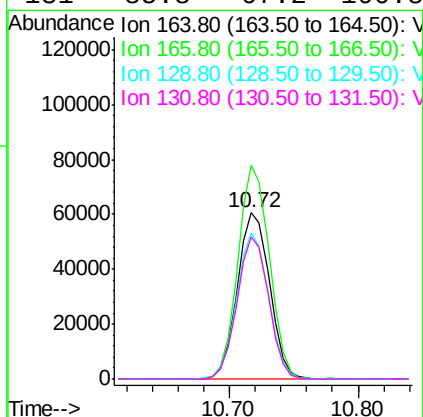
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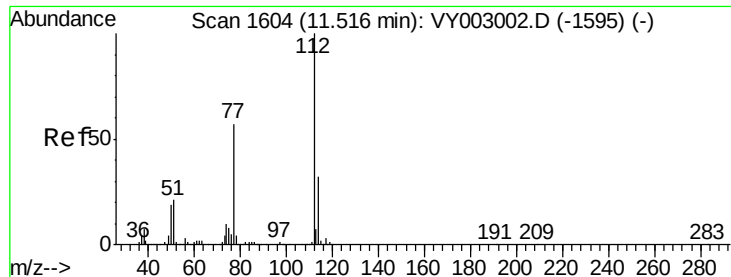
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#64
Tetrachloroethene
Concen: 21.549 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104599		
166	128.8	98.5	147.7	
129	87.8	69.7	104.5	
131	85.8	67.2	100.8	





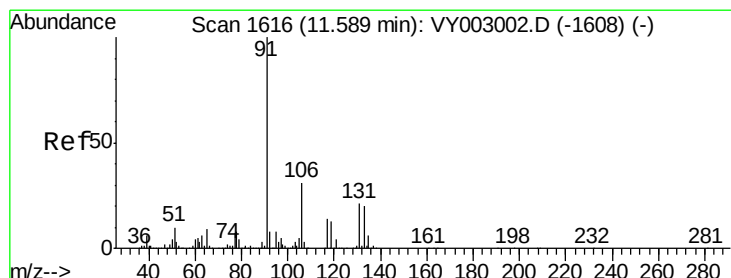
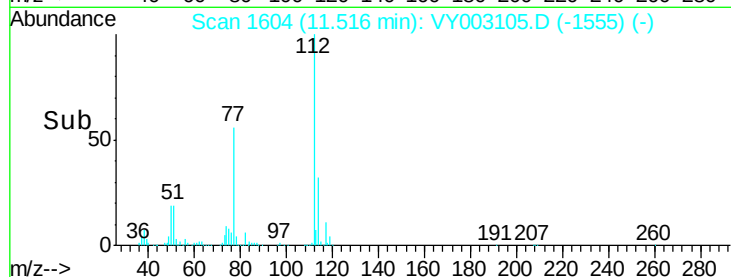
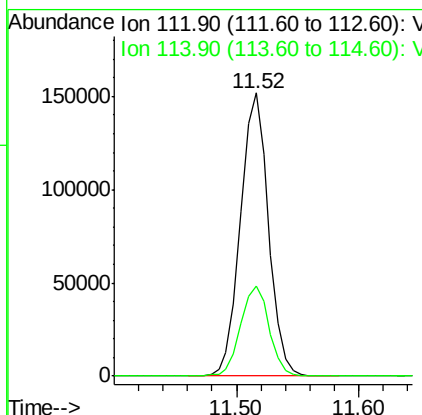
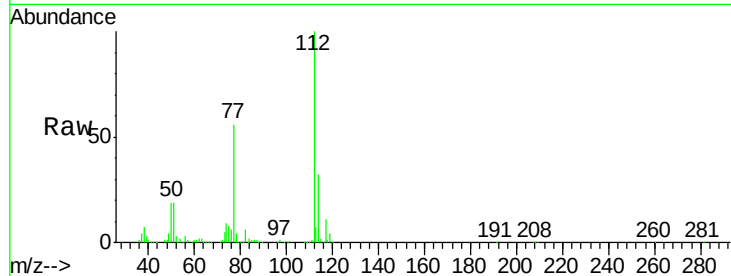
#65
Chlorobenzene
Concen: 21.263 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.7	38.5

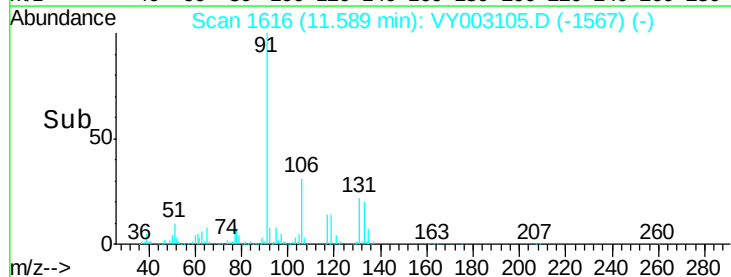
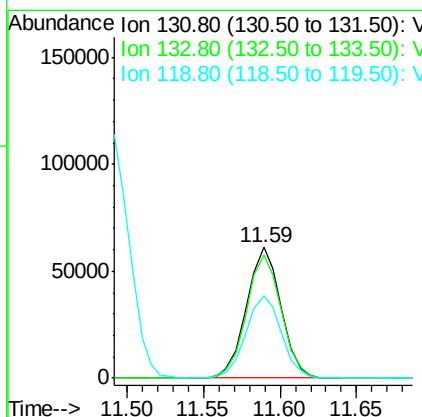
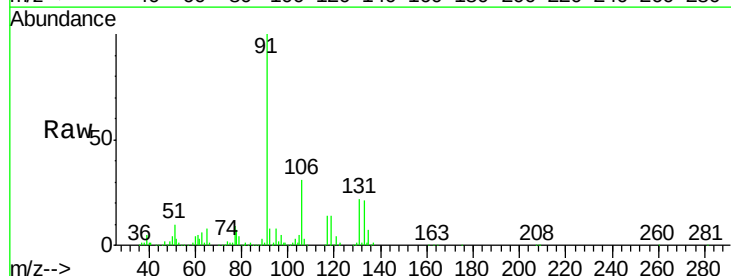
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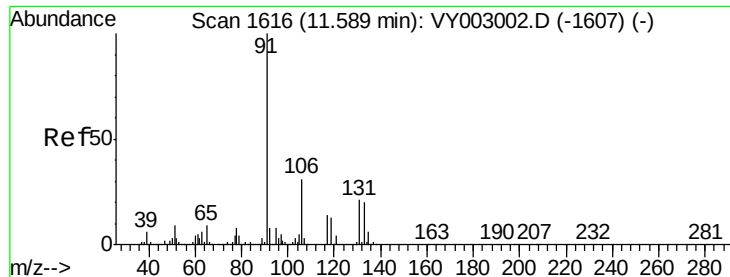
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.644 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.8
119	64.7	31.8	95.3





#67

Ethyl Benzene

Concen: 21.162 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBSD01

Tot Ion: 91 Resp: 437813

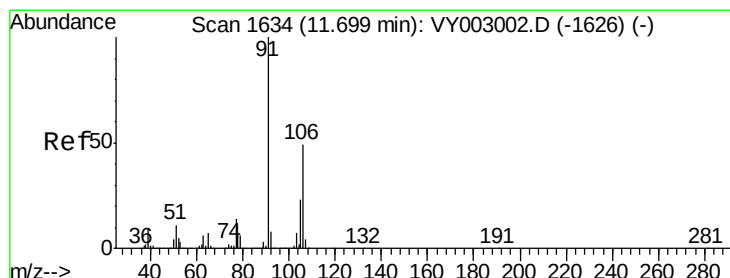
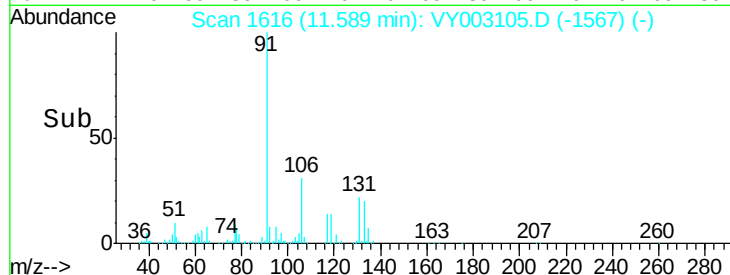
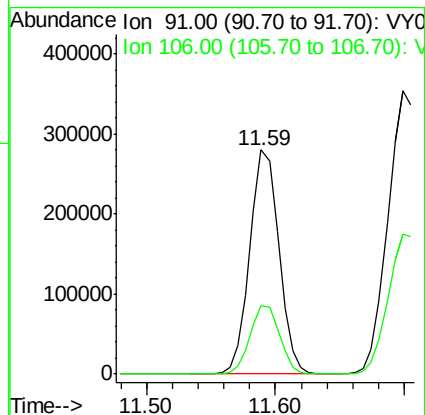
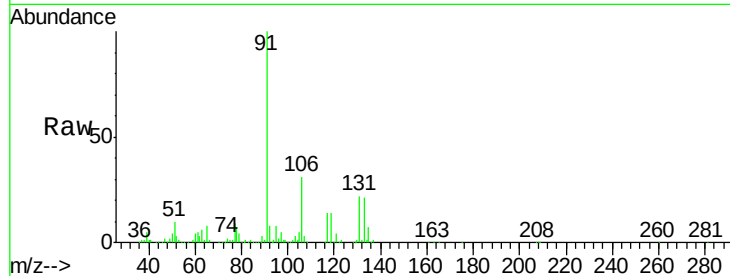
Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4

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#68

m/p-Xylenes

Concen: 42.548 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003105.D

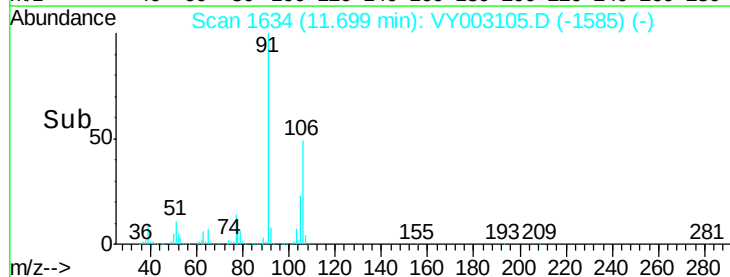
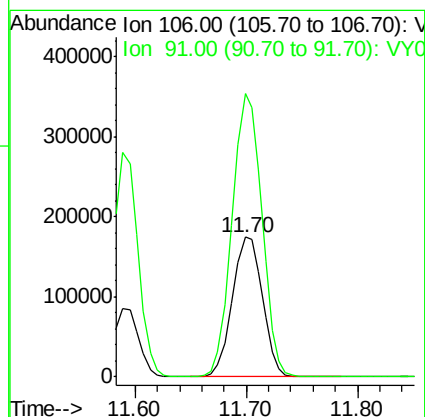
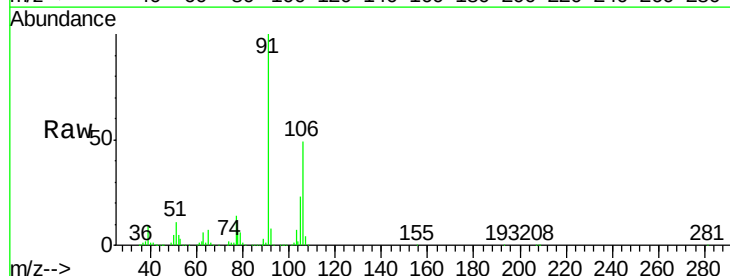
Acq: 06 Jul 2020 11:45

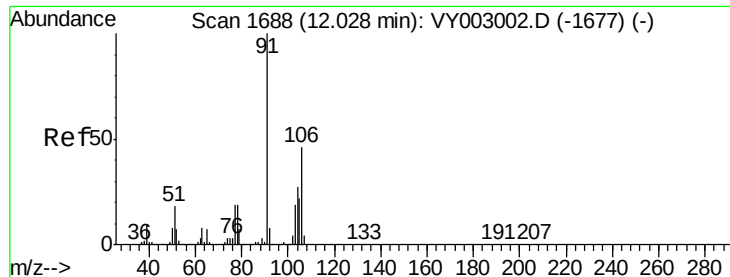
Tgt Ion: 106 Resp: 327624

Ion Ratio Lower Upper

106 100

91 200.1 161.9 242.9





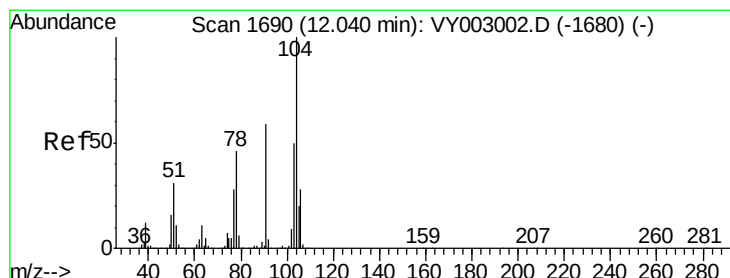
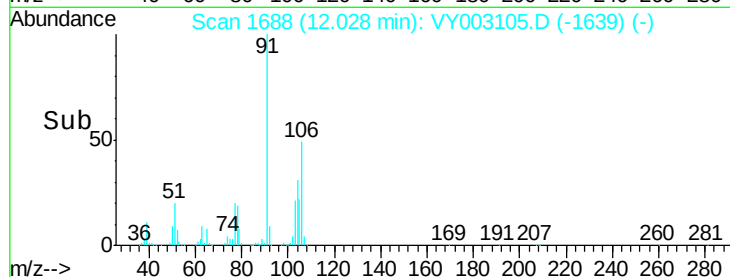
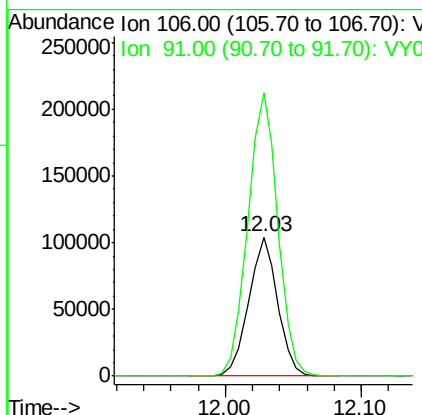
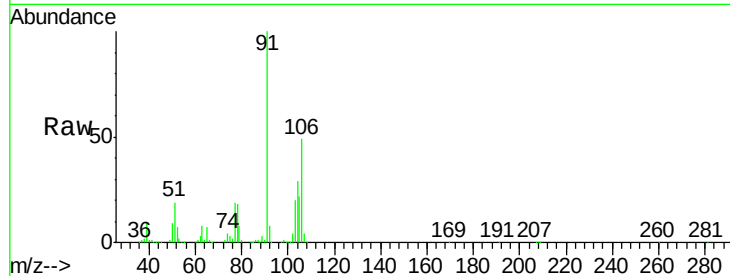
#69
o-Xylene
Concen: 21.338 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	211.4	107.9	323.8

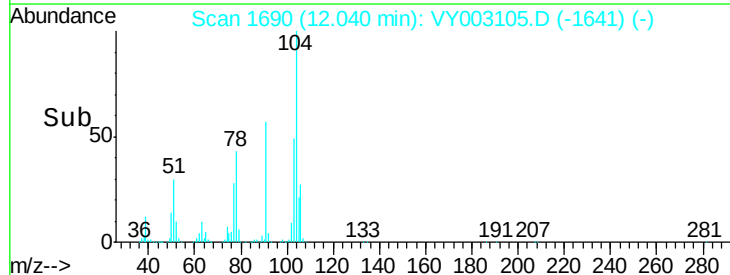
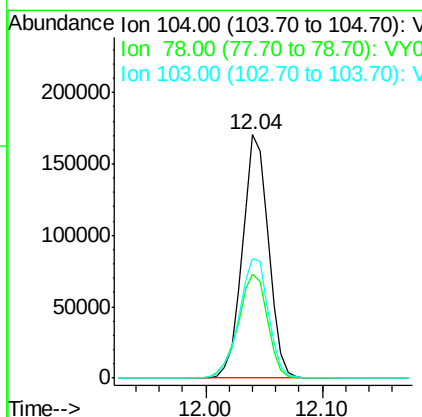
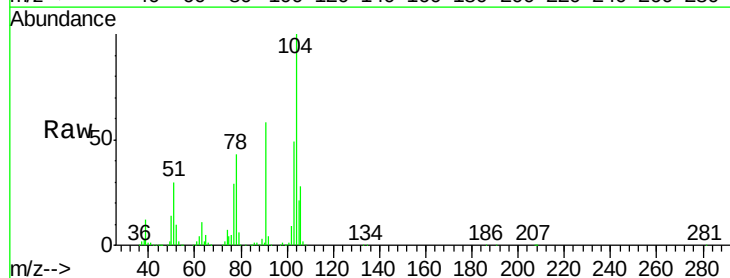
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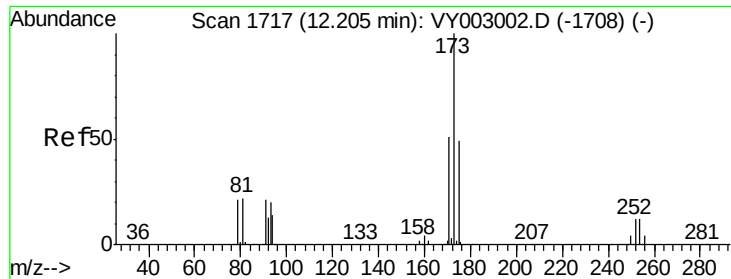
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#70
Styrene
Concen: 21.434 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	48.2	40.4	60.6
103	103	55.1	44.1	66.1





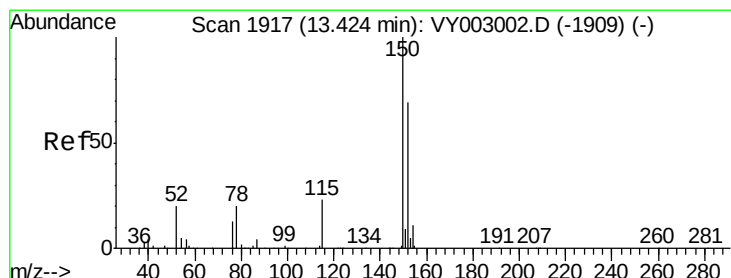
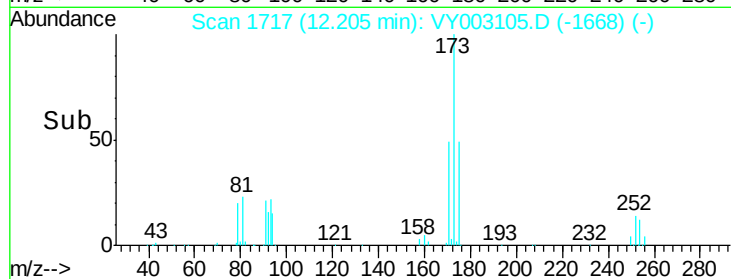
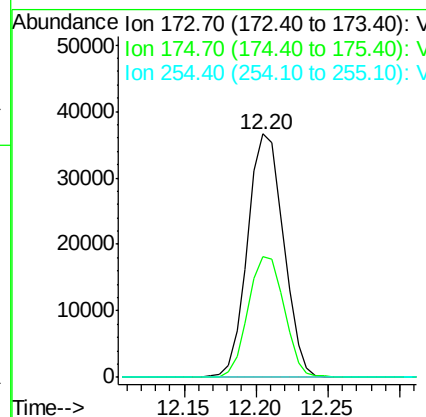
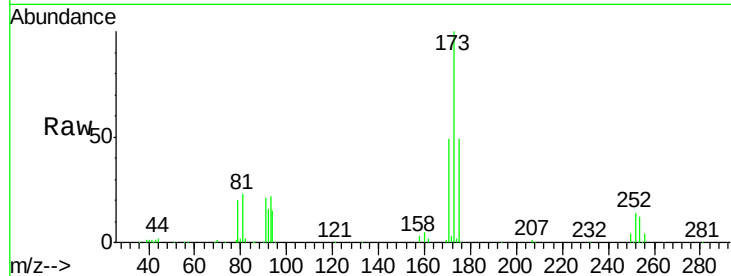
#71
Bromoform
Concen: 21.458 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.6	73.6
254	0.3	0.2	0.2#

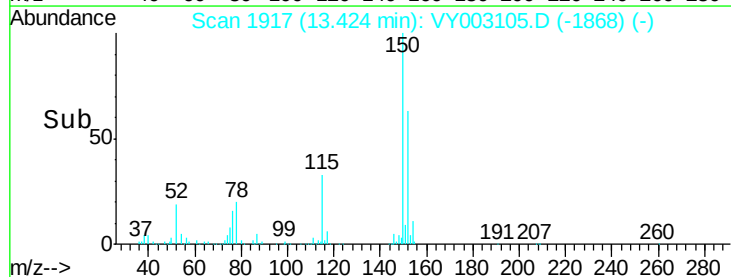
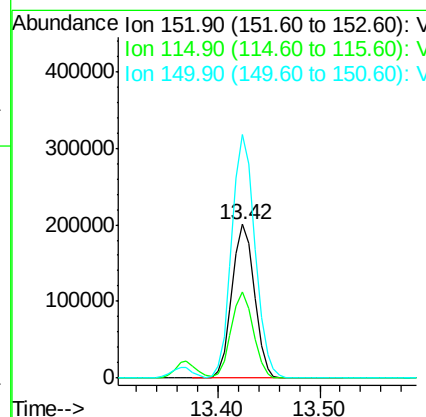
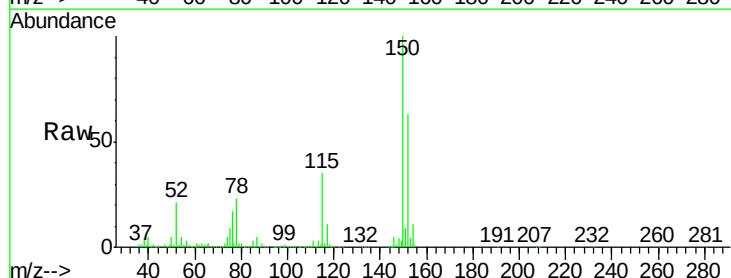
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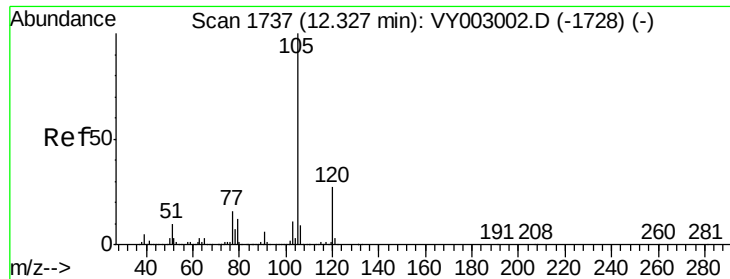
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.3	81.9
150	164.0	0.0	343.4





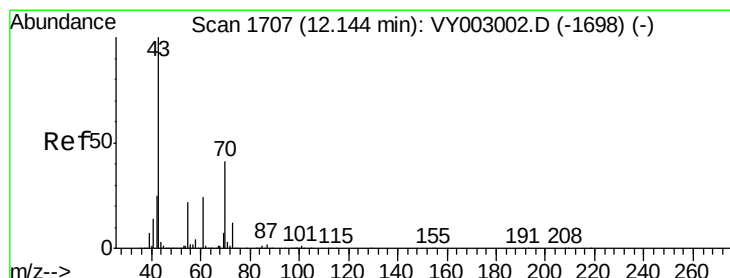
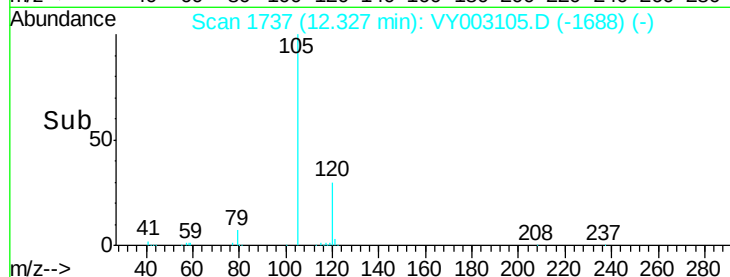
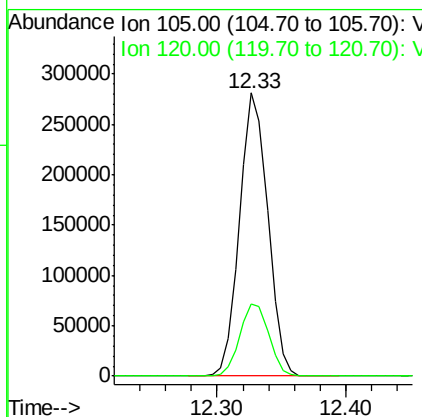
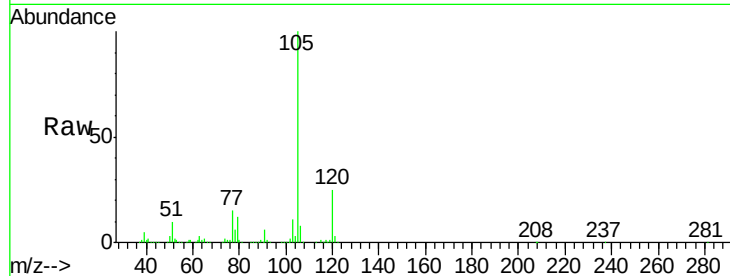
#73
Isopropylbenzene
Concen: 21.283 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.4	40.1

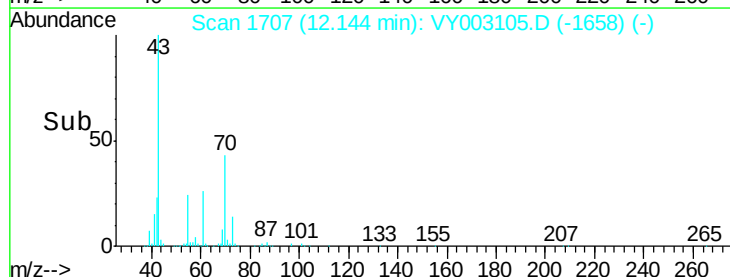
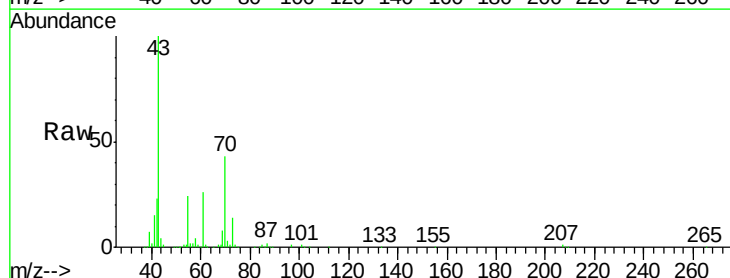
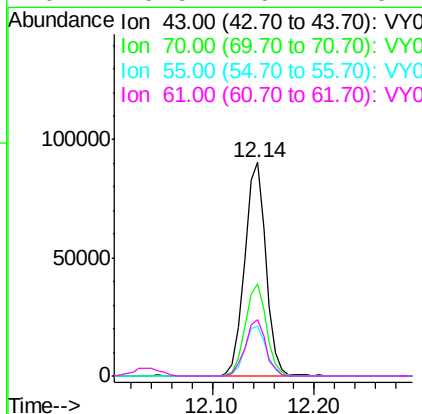
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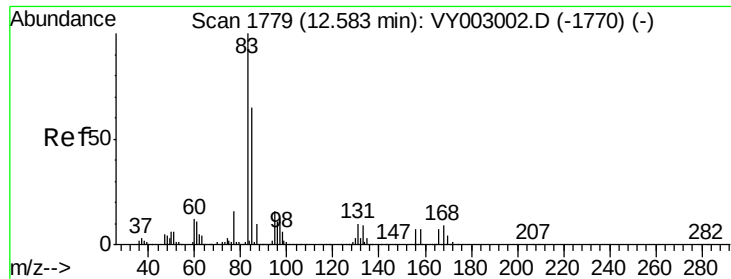
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#74
N-ethyl acetate
Concen: 20.010 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.2	33.0	49.4
55	23.8	18.2	27.2
61	25.5	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.706 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

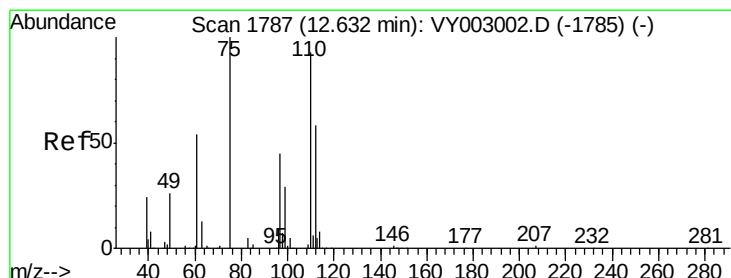
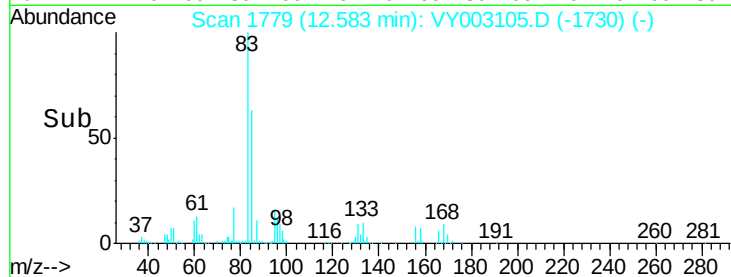
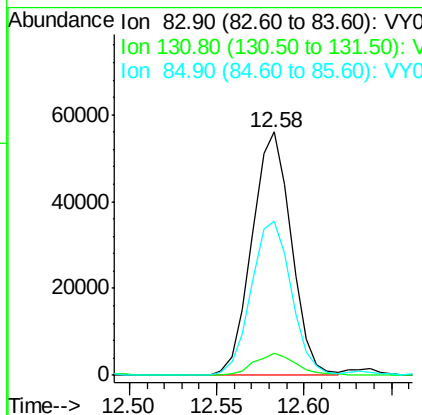
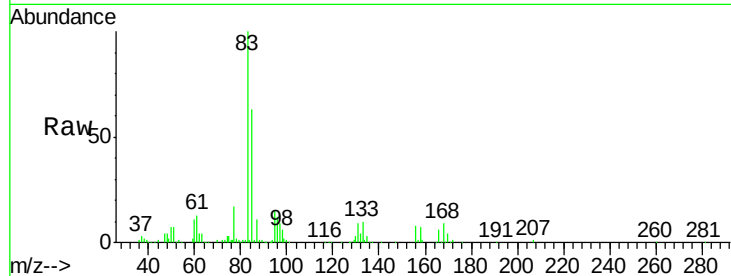
ClientSampleId :

VY0706SBSD01

Tot Ion:	83	Resp:	87734
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.3	16.1
85	64.7	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 20.873 ug/l m

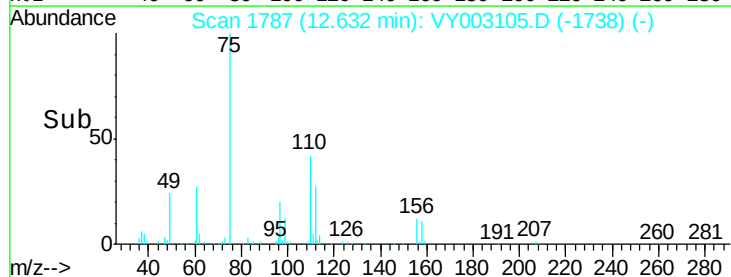
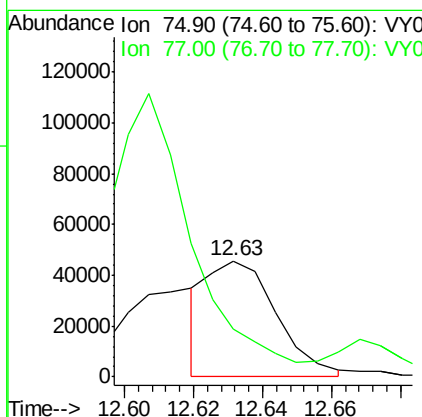
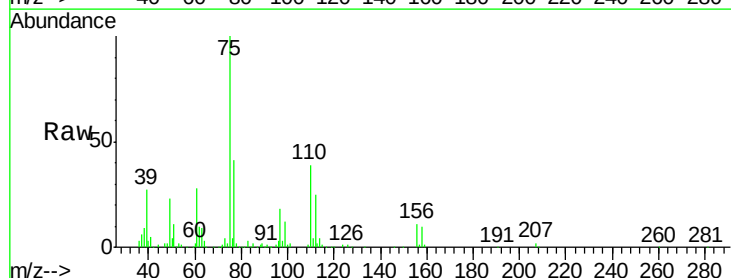
RT: 12.63 min Scan# 1787

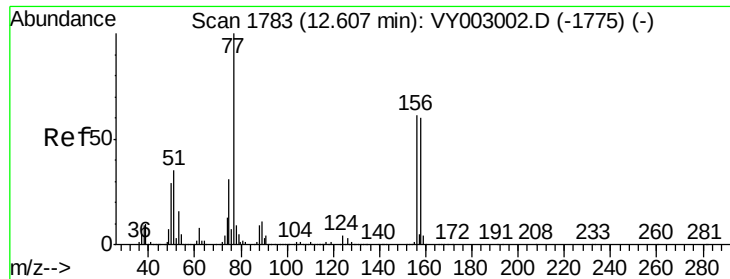
Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion:	75	Resp:	63223
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





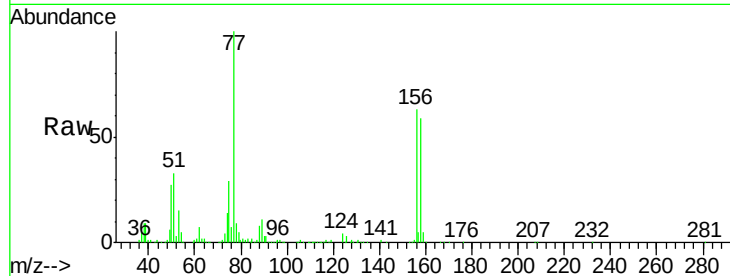
#77
Bromobenzene
Concen: 21.336 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

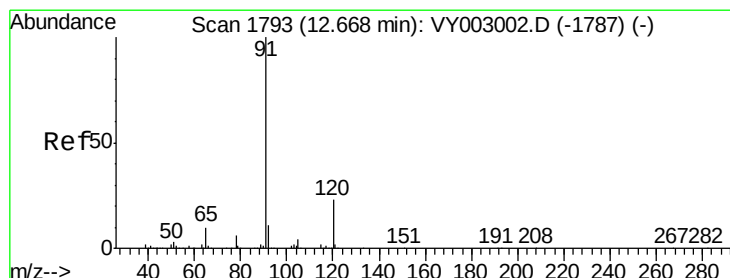
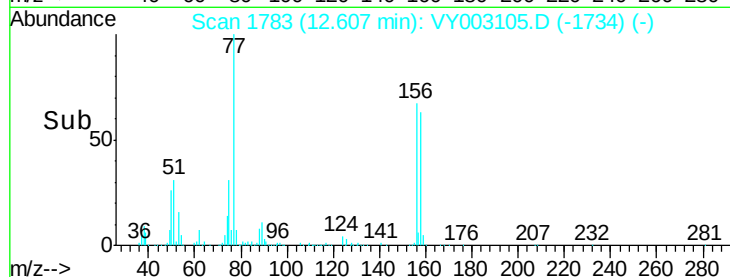
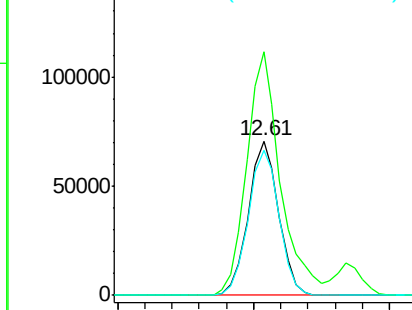
Tot Ion	Ratio	Lower	Upper
156	100		
77	176.6	90.0	270.0
158	95.9	48.5	145.5

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MMDadoda
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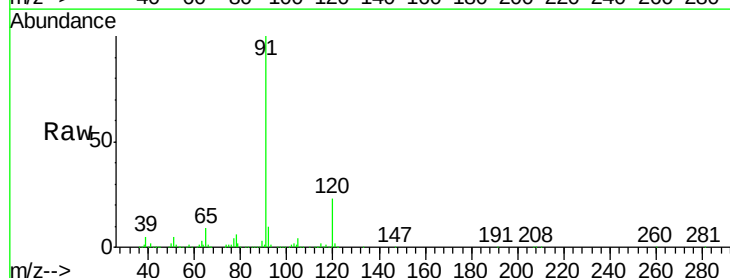


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

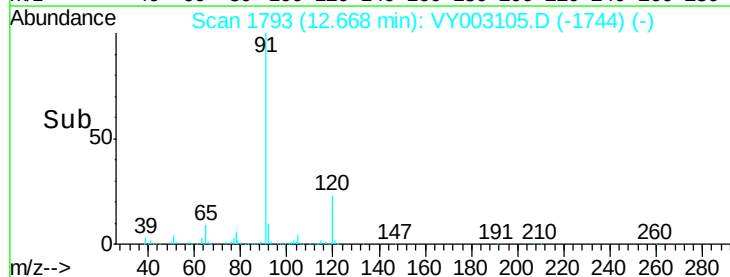
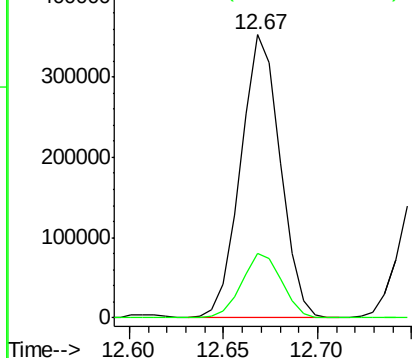


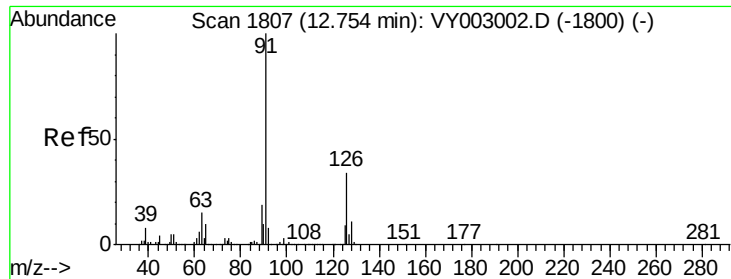
#78
n-propylbenzene
Concen: 21.271 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





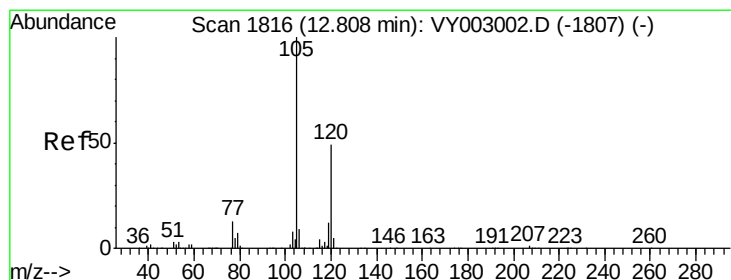
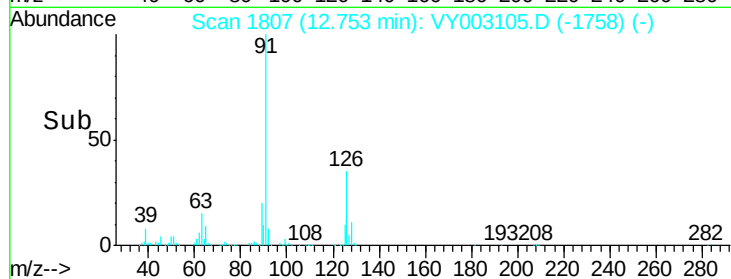
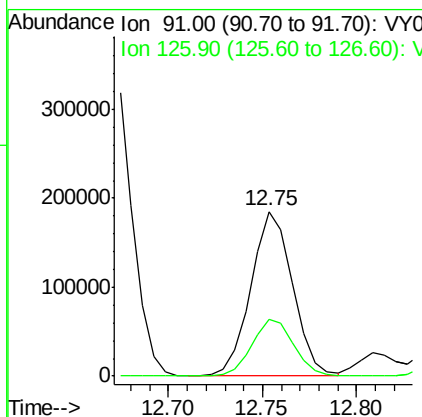
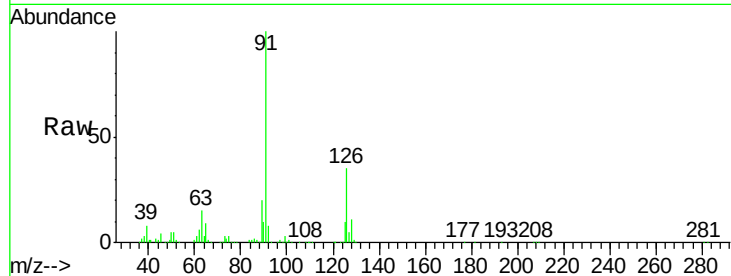
#79
 2-Chlorotoluene
 Concen: 21.062 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.1	51.3

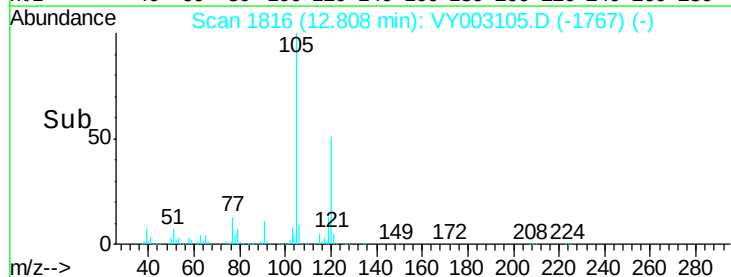
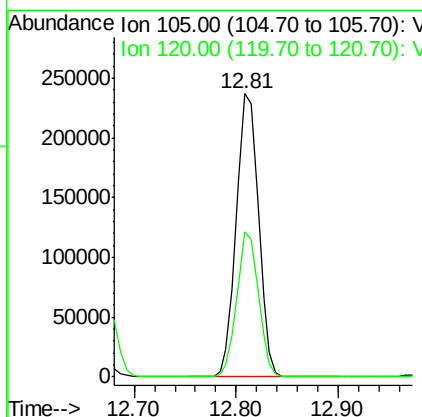
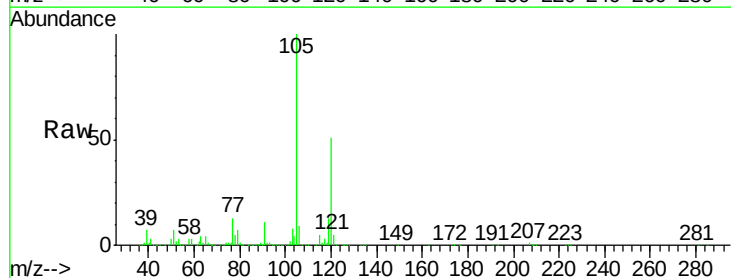
Manual Integrations
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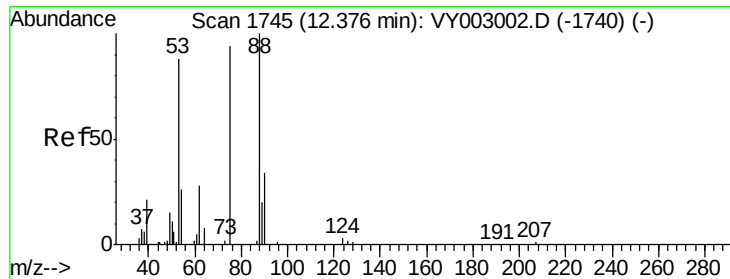
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.179 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.6	73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 20.446 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

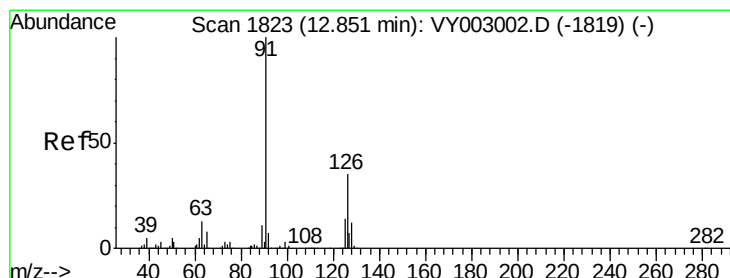
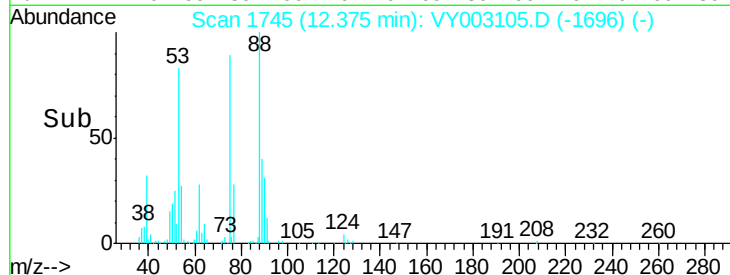
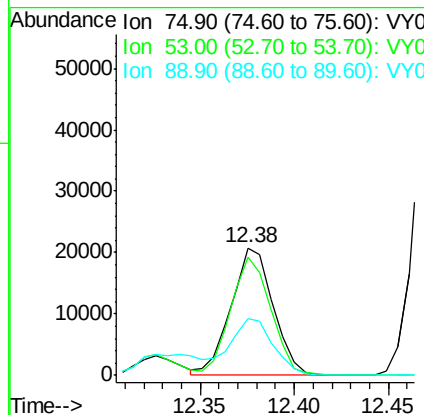
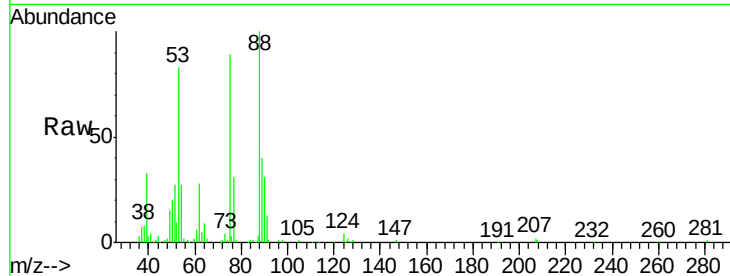
ClientSampleId :

VY0706SBSD01

Tot Ion:	75	Resp:	31830
Ion	Ratio	Lower	Upper
75	100		
53	89.4	73.9	110.9
89	47.2	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.002 ug/l

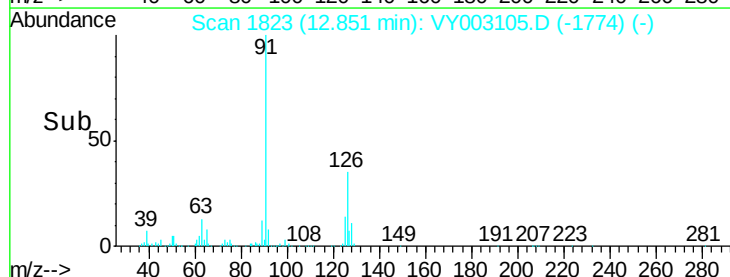
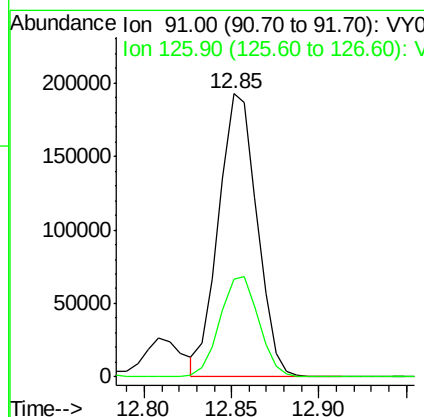
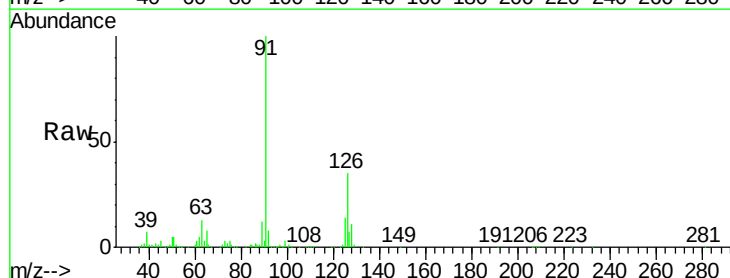
RT: 12.85 min Scan# 1823

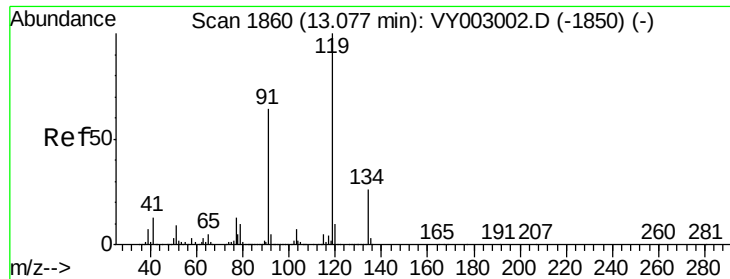
Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion:	91	Resp:	294000
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.4	52.3





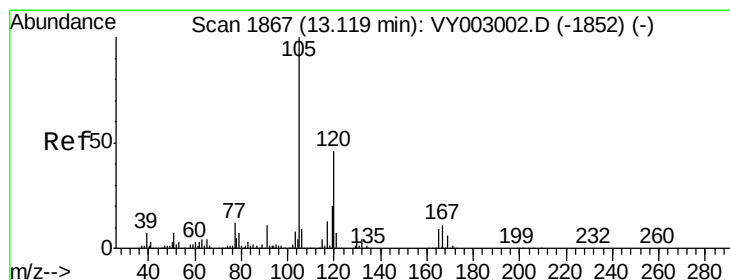
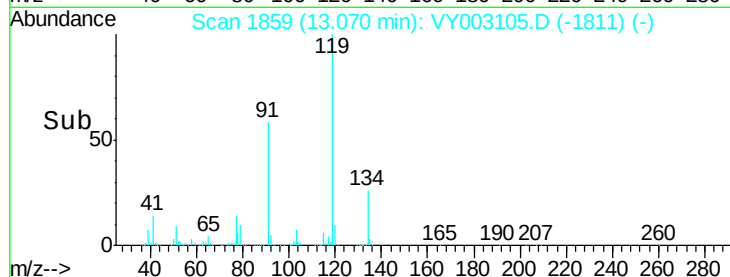
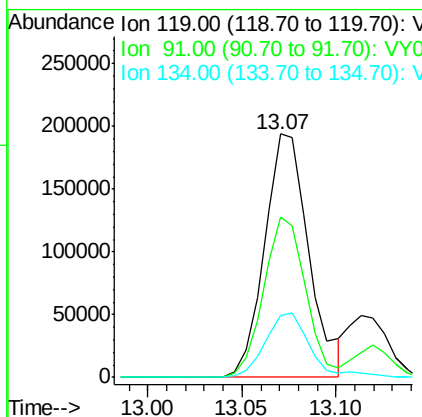
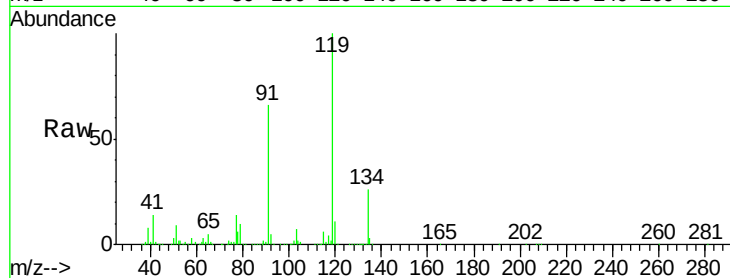
#83
tert-Butylbenzene
Concen: 21.423 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	31.6	95.0
134	26.7	13.2	39.5

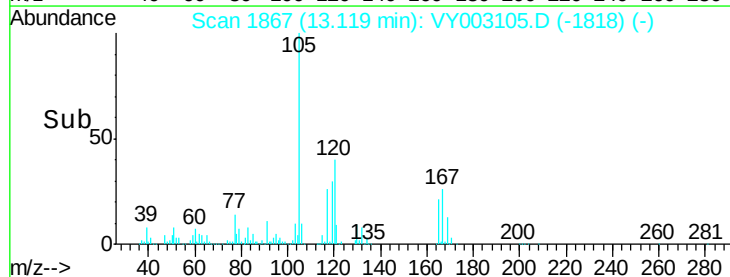
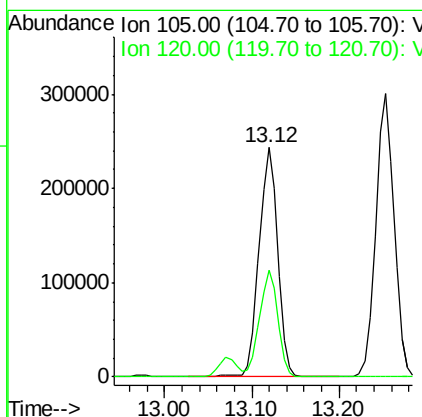
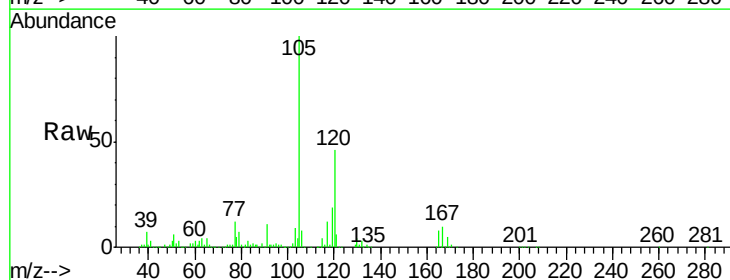
Manual Integrations
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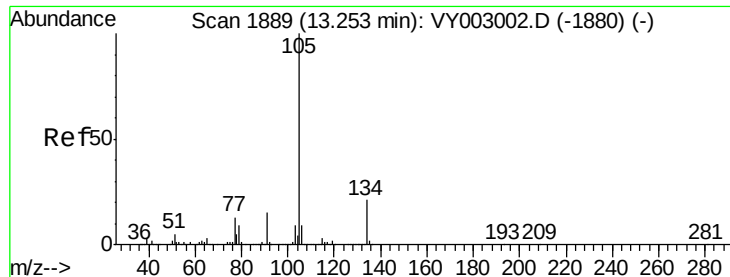
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#84
1,2,4-Trimethylbenzene
Concen: 21.361 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.439 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0706SBS01

Tot Ion:105 Resp: 436118

Ion Ratio Lower Upper

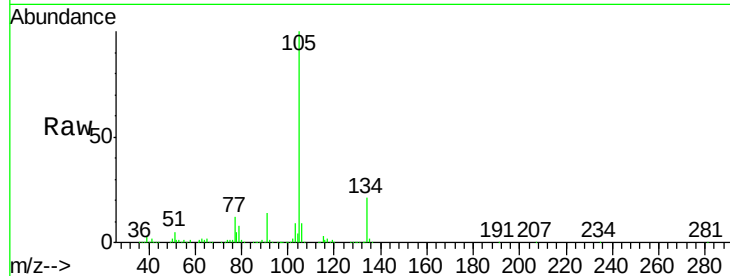
105 100

134 20.8 10.4 31.2

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

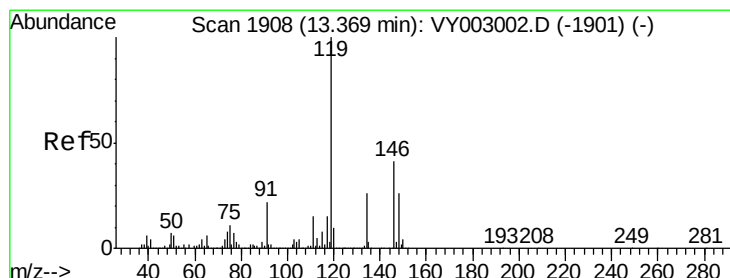
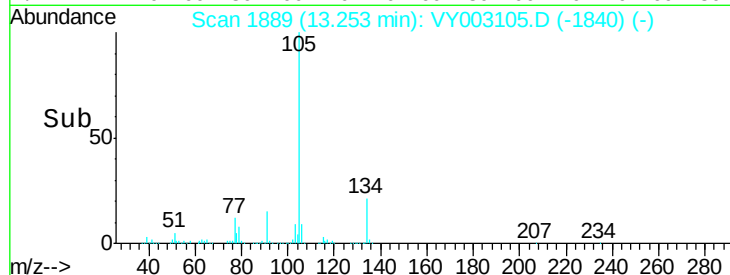
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.219 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

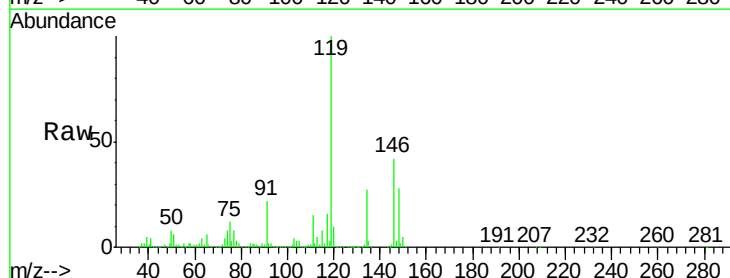
Tgt Ion:119 Resp: 399964

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.5 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

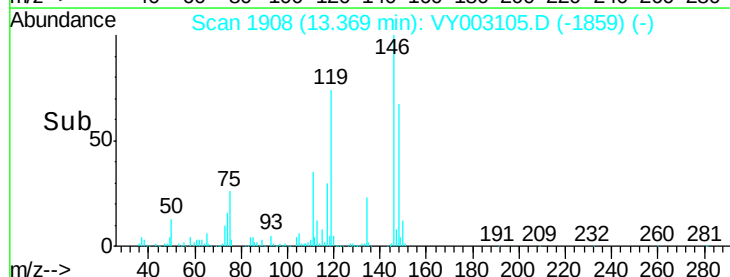
300000

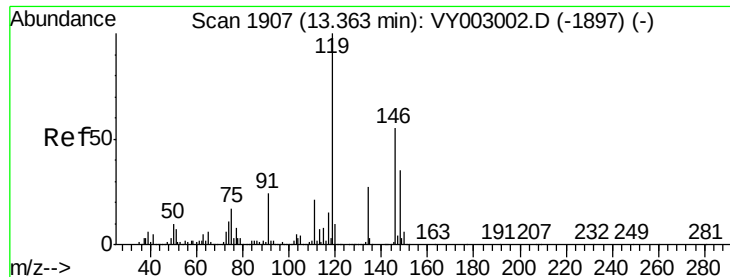
200000

100000

0

Time-->





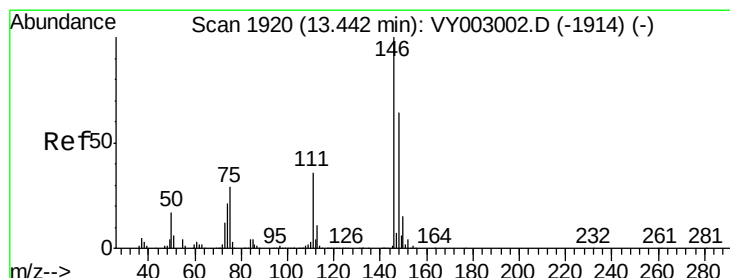
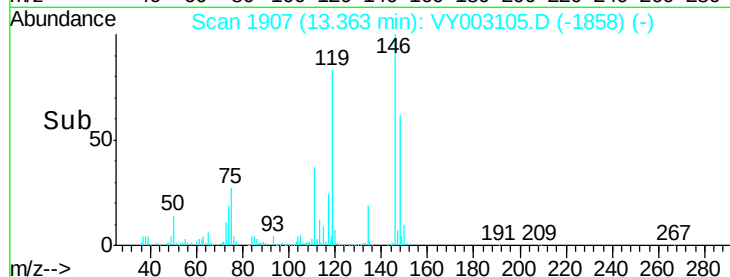
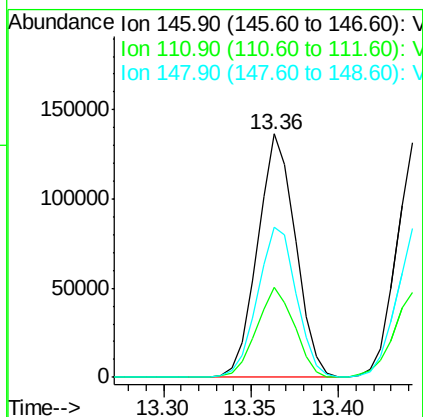
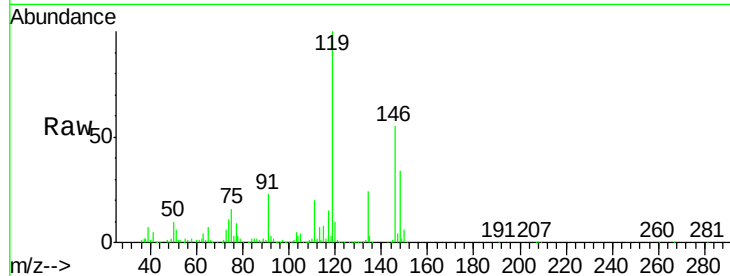
#87
 1,3-Dichlorobenzene
 Concen: 21.416 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	205333		
111	36.8		18.8	56.3
148	63.5		31.8	95.3

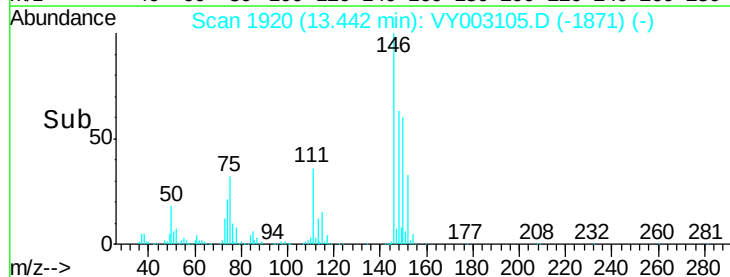
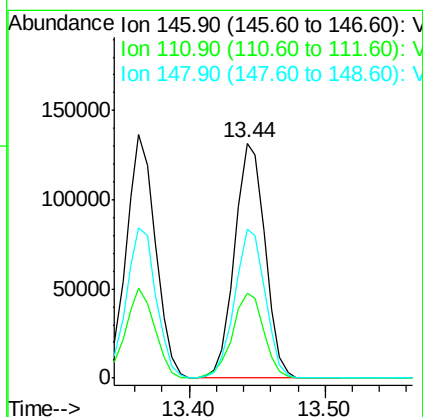
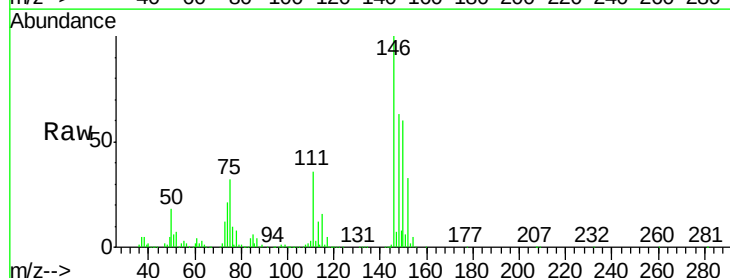
Manual Integrations
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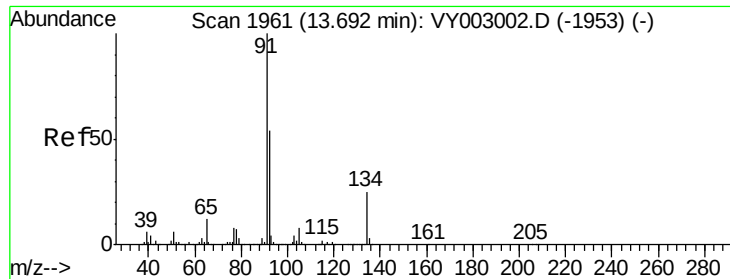
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#88
 1,4-Dichlorobenzene
 Concen: 21.715 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	205300		
111	37.5		18.4	55.4
148	63.1		32.3	96.9





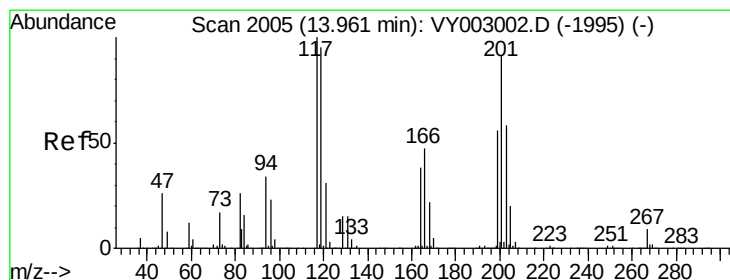
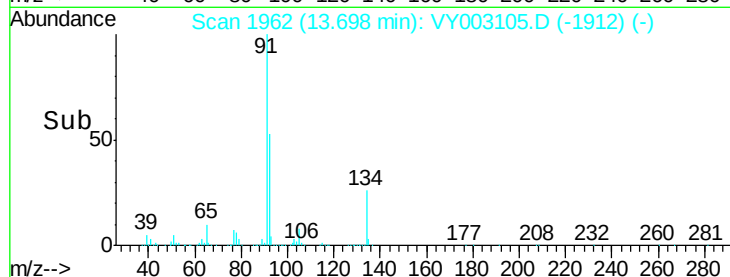
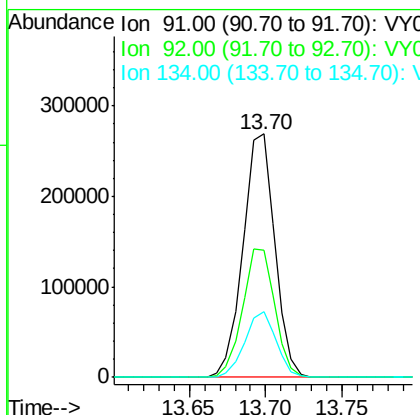
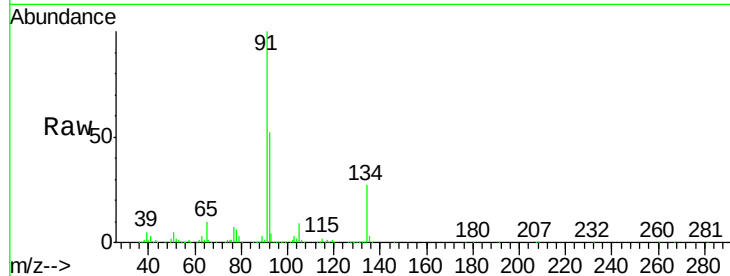
#89
n-Butylbenzene
Concen: 21.522 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.6	26.8	80.3	
134	26.6	13.1	39.1	

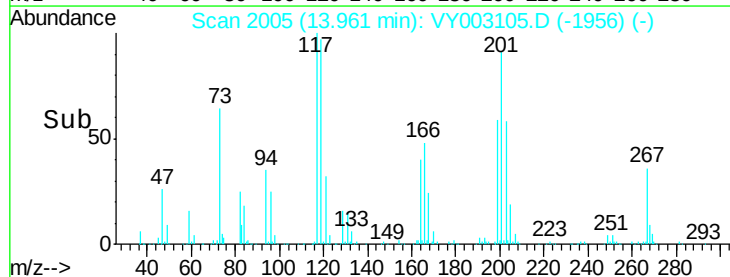
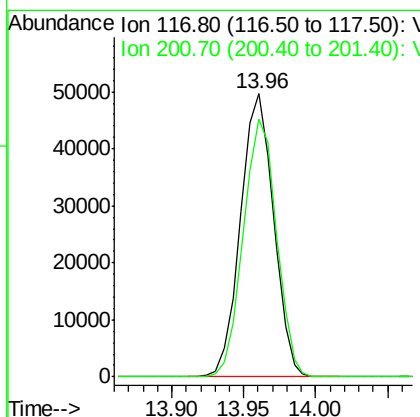
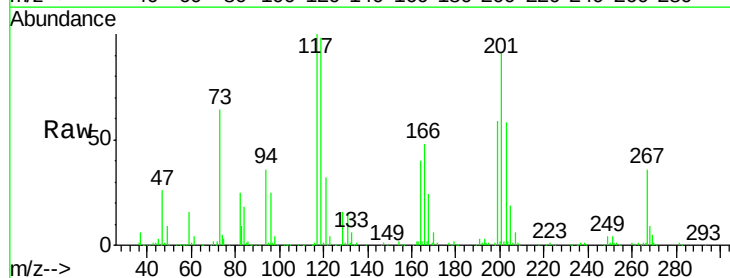
Manual Integrations
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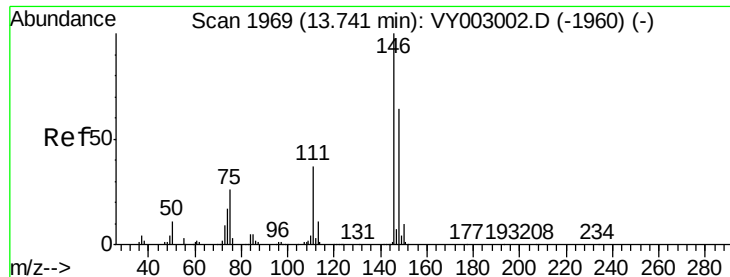
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#90
Hexachloroethane
Concen: 21.144 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.9	45.5	136.4	





#91

1,2-Dichlorobenzene

Concen: 21.727 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Instrument :

MSVOA_Y

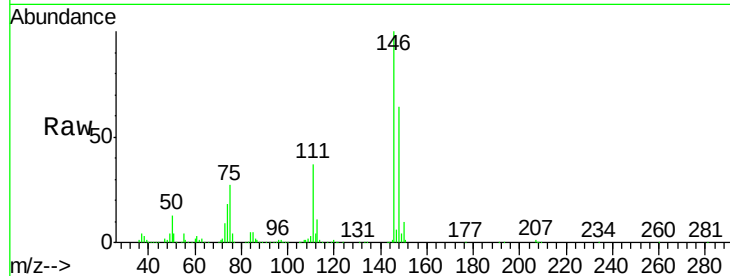
ClientSampleId :

VY0706SBS01

Tot Ion:	146	Resp:	186906
Ion Ratio		Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.4	31.8	95.3

Manual Integrations
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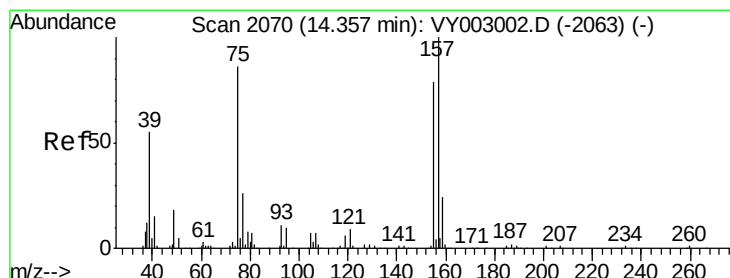
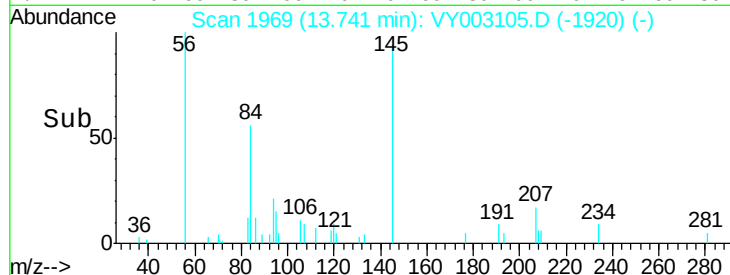
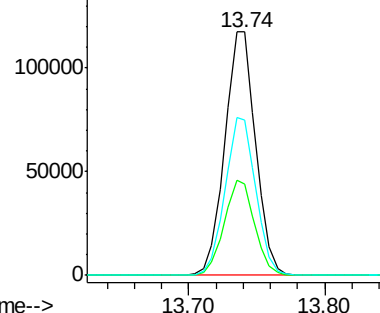


Abundance

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: 20.822 ug/l

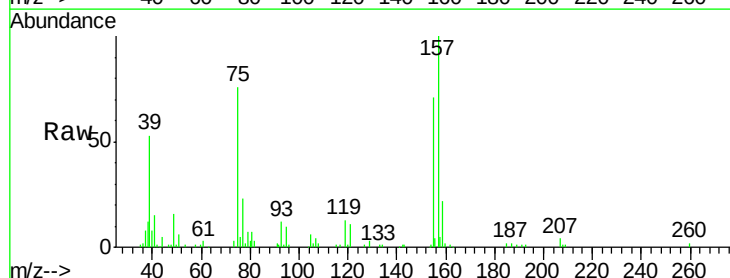
RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003105.D

Acq: 06 Jul 2020 11:45

Tgt Ion:	75	Resp:	14899
Ion Ratio		Lower	Upper
75	100		
155	97.9	46.5	139.3
157	128.2	59.2	177.5

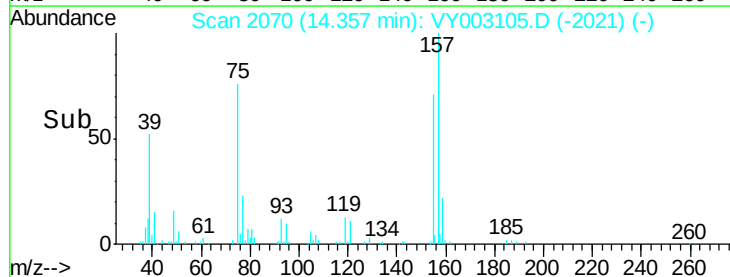
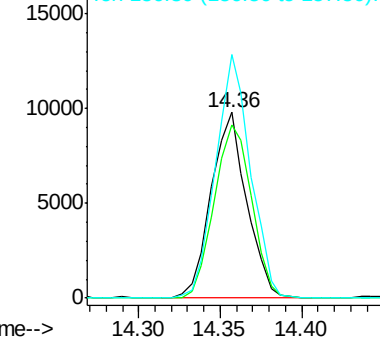


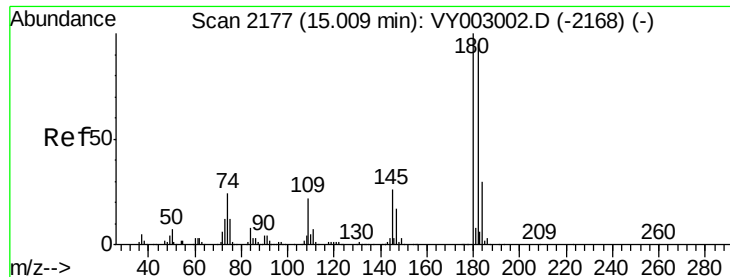
Abundance

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





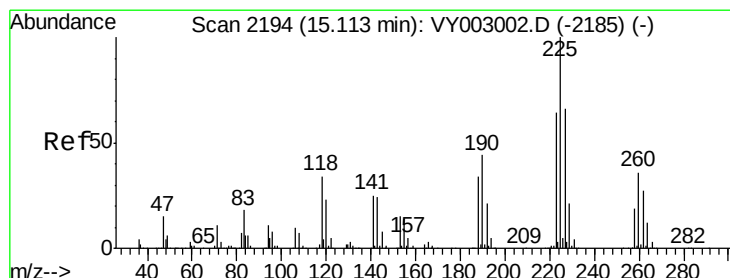
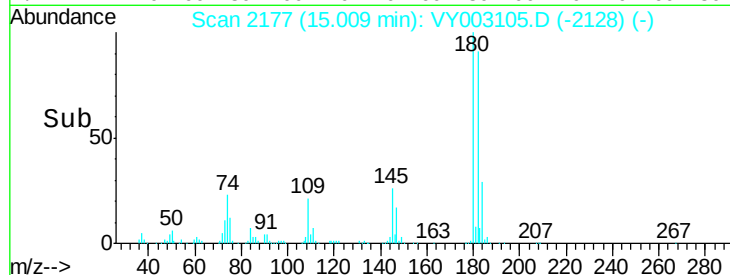
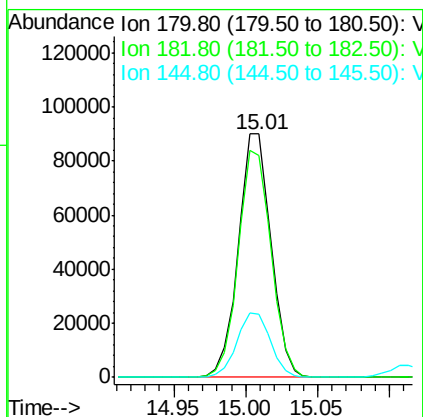
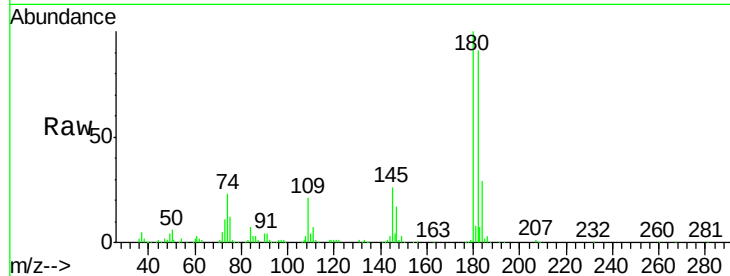
#93
 1,2,4-Trichlorobenzene
 Concen: 22.123 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0706SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141410		
182	93.8	48.1	144.3	
145	27.4	13.9	41.6	

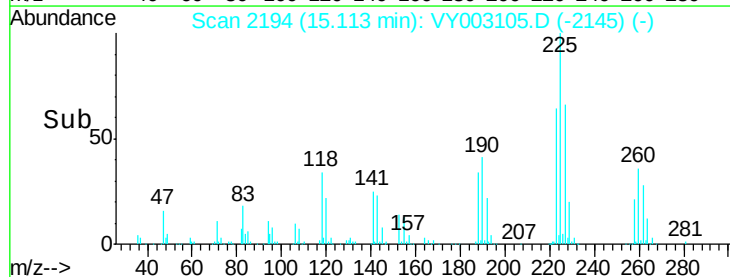
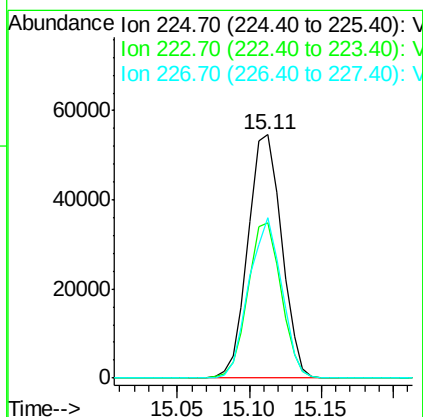
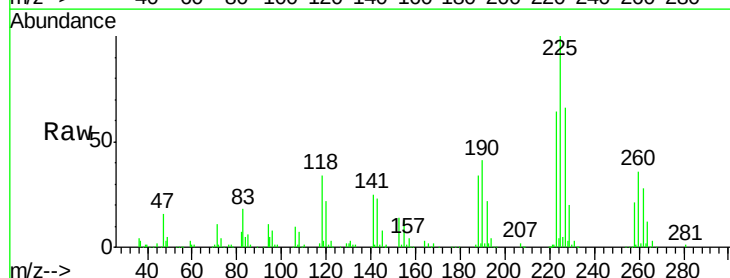
Manual Integrations
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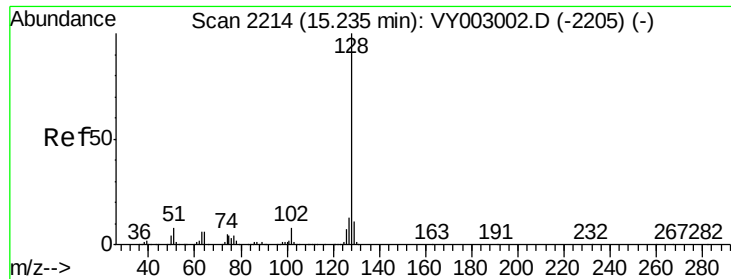
MMDadoda
 7/7/2020 11:12:02 AM



#94
 Hexachlorobutadiene
 Concen: 21.923 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003105.D
 Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88393		
223	63.0	32.4	97.0	
227	64.0	32.4	97.2	





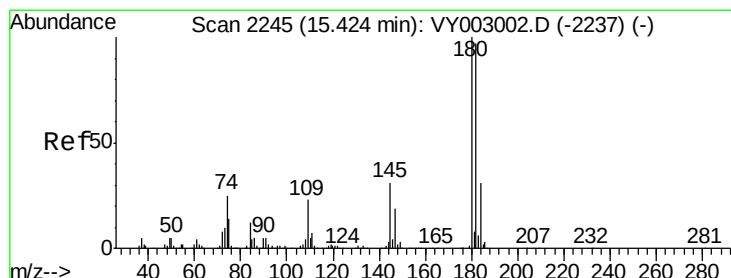
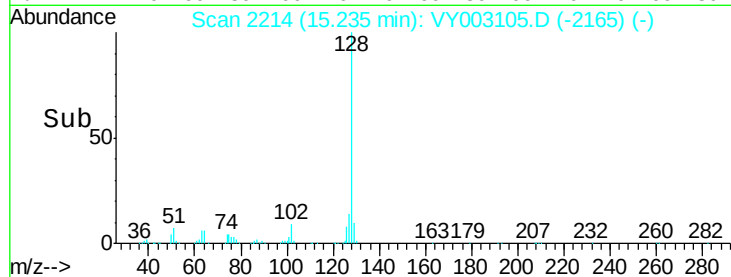
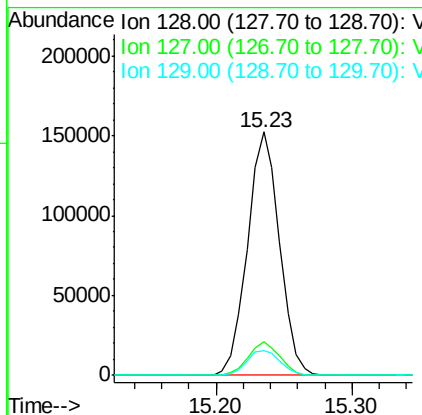
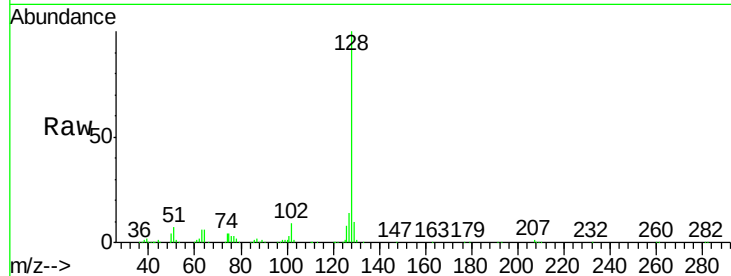
#95
Naphthalene
Concen: 21.479 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0706SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	250778		
127	13.5		10.8	16.2
129	10.8		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/7/2020 11:12:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.645 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003105.D
Acq: 06 Jul 2020 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120140		
182	95.2		47.8	143.3
145	28.9		14.7	44.1

