

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003119.D
 Acq On : 07 Jul 2020 12:03
 Operator : SY/MD
 Sample : VY0707SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:20:35 PM

Quant Time: Jul 08 04:00:38 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	428505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	618963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	556441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	297900	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	206600	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	7.72	113	205041	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
50) Toluene-d8	10.18	98	764742	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.48	95	266264	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	55403	17.072	ug/l	95
3) Chloromethane	2.12	50	81477	17.145	ug/l	99
4) Vinyl Chloride	2.26	62	88335	19.056	ug/l	97
5) Bromomethane	2.65	94	68527	21.773	ug/l	98
6) Chloroethane	2.79	64	58956	19.993	ug/l	95
7) Trichlorofluoromethane	3.13	101	132513	20.254	ug/l	94
8) Diethyl Ether	3.53	74	43286	19.299	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	81589	20.885	ug/l	98
10) Methyl Iodide	4.10	142	94929	19.597	ug/l	99
11) Tert butyl alcohol	4.96	59	39360	90.748	ug/l	100
12) 1,1-Dichloroethene	3.88	96	74497	20.042	ug/l	93
13) Acrolein	3.74	56	31072	79.764	ug/l	97
14) Allyl chloride	4.49	41	113737	17.526	ug/l	97
15) Acrylonitrile	5.18	53	101000	87.373	ug/l	99
16) Acetone	3.95	43	79111	78.816	ug/l	95
17) Carbon Disulfide	4.20	76	223429	18.814	ug/l	98
18) Methyl Acetate	4.48	43	47302	17.492	ug/l	94
19) Methyl tert-butyl Ether	5.22	73	208975	19.288	ug/l	98
20) Methylene Chloride	4.72	84	96432	16.917	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	85749	20.395	ug/l	92
22) Diisopropyl ether	6.13	45	251693	18.095	ug/l	96
23) Vinyl Acetate	6.07	43	805110	86.577	ug/l	96
24) 1,1-Dichloroethane	6.03	63	147434	19.404	ug/l	100
25) 2-Butanone	7.00	43	133052	83.446	ug/l	100
26) 2,2-Dichloropropane	6.99	77	134614	19.500	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	95128	20.172	ug/l	95
28) Bromochloromethane	7.34	49	56428	16.691	ug/l	86
29) Tetrahydrofuran	7.35	42	88921	83.862	ug/l	92
30) Chloroform	7.51	83	151364	20.109	ug/l	98
31) Cyclohexane	7.79	56	135699	18.129	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	136464	19.861	ug/l	100
36) 1,1-Dichloropropene	7.93	75	118421	19.862	ug/l	98
37) Ethyl Acetate	7.08	43	62780	17.513	ug/l	98
38) Carbon Tetrachloride	7.91	117	123974	19.986	ug/l	100

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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)
39) Methylcyclohexane	9.18	83	148479	20.086	ug/l	97
40) Benzene	8.16	78	332298	20.358	ug/l	100
41) Methacrylonitrile	7.33	41	31913m	16.666	ug/l	
42) 1,2-Dichloroethane	8.24	62	99738	19.315	ug/l	100
43) Isopropyl Acetate	8.28	43	118509	17.390	ug/l	95
44) Trichloroethene	8.94	130	101399	21.373	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84849	19.322	ug/l	98
46) Dibromomethane	9.31	93	49252	20.081	ug/l	97
47) Bromodichloromethane	9.50	83	121754	20.273	ug/l	99
48) Methyl methacrylate	9.30	41	53637	17.292	ug/l	94
49) 1,4-Dioxane	9.30	88	11613	387.881	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	310663	88.200	ug/l	99
52) Toluene	10.24	92	211395	20.573	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	120625	19.157	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	138965	19.298	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	70200	20.597	ug/l	99
56) Ethyl methacrylate	10.51	69	92341	18.717	ug/l	94
57) 1,3-Dichloropropane	10.79	76	118579	19.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	224960	88.907	ug/l	97
59) 2-Hexanone	10.83	43	213893	86.880	ug/l	99
60) Dibromochloromethane	10.99	129	87657	20.098	ug/l	100
61) 1,2-Dibromoethane	11.09	107	67733	20.159	ug/l	100
64) Tetrachloroethene	10.72	164	107157	22.754	ug/l	95
65) Chlorobenzene	11.52	112	234863	21.406	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	90057	21.023	ug/l	98
67) Ethyl Benzene	11.59	91	412091	20.530	ug/l	100
68) m/p-Xylenes	11.70	106	311798	41.737	ug/l	99
69) o-Xylene	12.03	106	149323	21.211	ug/l	95
70) Styrene	12.04	104	253747	21.099	ug/l	98
71) Bromoform	12.20	173	58458	20.466	ug/l #	100
73) Isopropylbenzene	12.33	105	411066	21.084	ug/l	99
74) N-amyl acetate	12.14	43	112733	17.762	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	76510	19.446	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	56406m	19.132	ug/l	
77) Bromobenzene	12.61	156	103784	20.762	ug/l	96
78) n-propylbenzene	12.67	91	490442	20.917	ug/l	99
79) 2-Chlorotoluene	12.75	91	269905	20.623	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	340762	20.829	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	27054	17.853	ug/l	98
82) 4-Chlorotoluene	12.85	91	280058	20.553	ug/l	99
83) tert-Butylbenzene	13.08	119	302714	21.072	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	346615	21.026	ug/l	100
85) sec-Butylbenzene	13.25	105	419661	21.194	ug/l	100
86) p-Isopropyltoluene	13.37	119	391007	21.311	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	197310	21.142	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	196766	21.381	ug/l	99
89) n-Butylbenzene	13.69	91	372615	21.226	ug/l	99
90) Hexachloroethane	13.96	117	72076	19.783	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	174798	20.875	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13167	18.905	ug/l	94

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	128986	20.731	ug/l	100
94) Hexachlorobutadiene	15.11	225	87472	22.288	ug/l	98
95) Naphthalene	15.23	128	218690	19.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	107389	19.877	ug/l	99

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

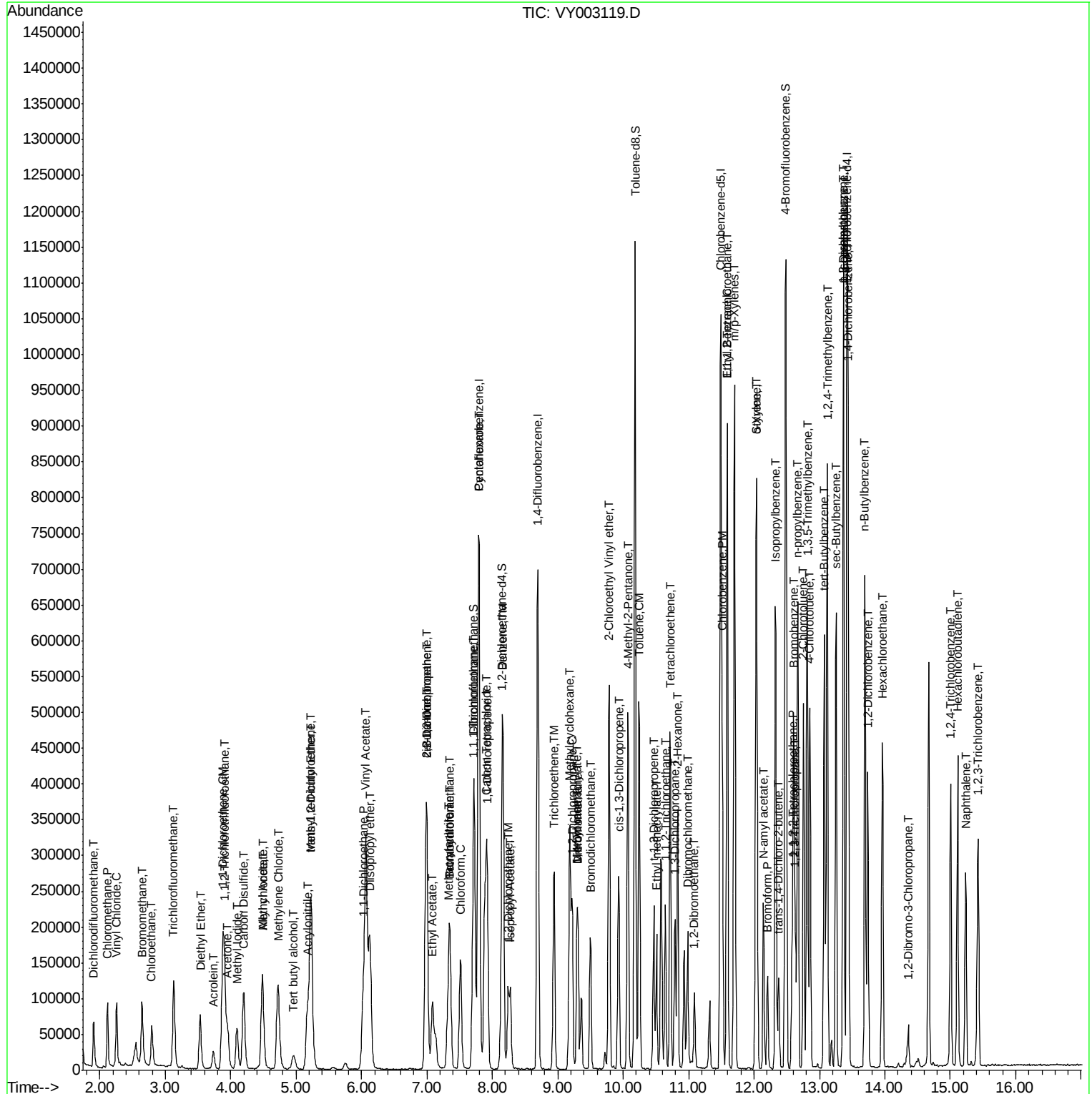
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
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Operator : SY/MD
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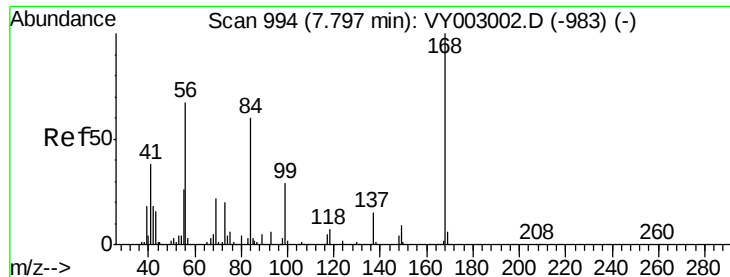
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion:168 Resp: 428505

Ion Ratio Lower Upper

168 100

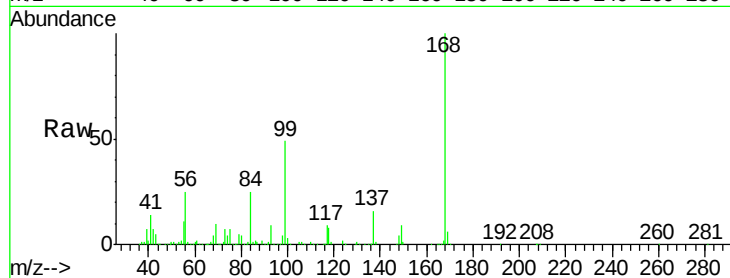
99 49.0 39.2 58.8

Manual Integrations

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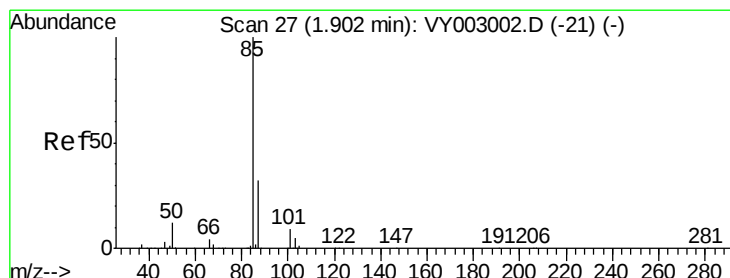
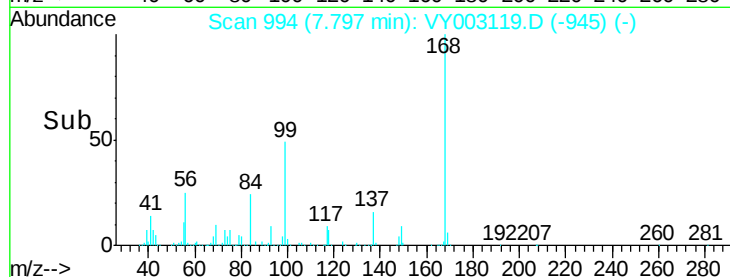
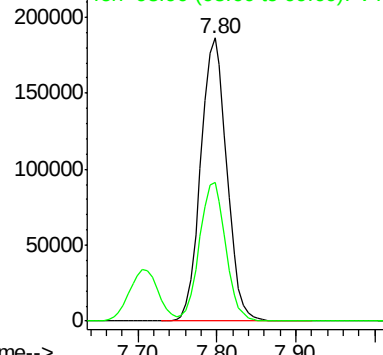
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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 17.072 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003119.D

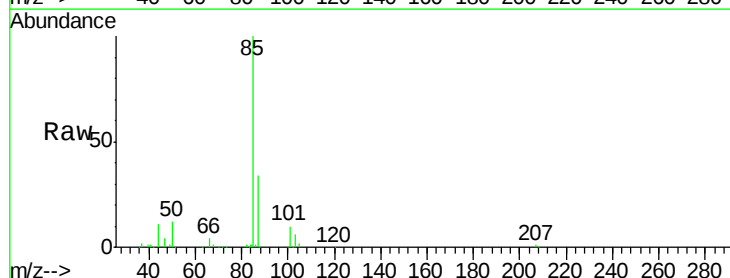
Acq: 07 Jul 2020 12:03

Tgt Ion: 85 Resp: 55403

Ion Ratio Lower Upper

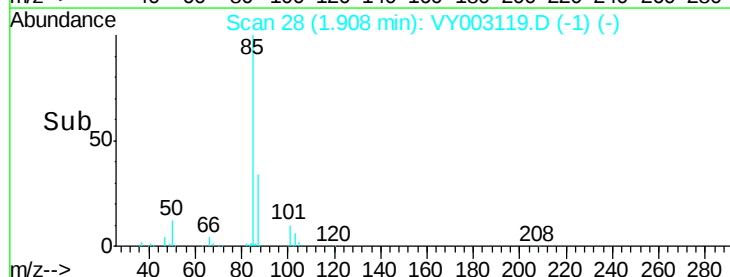
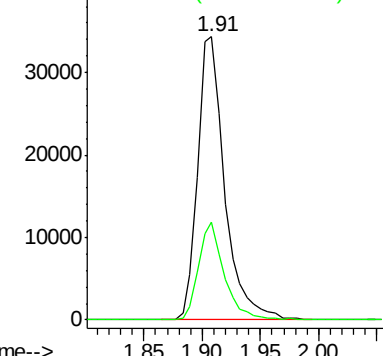
85 100

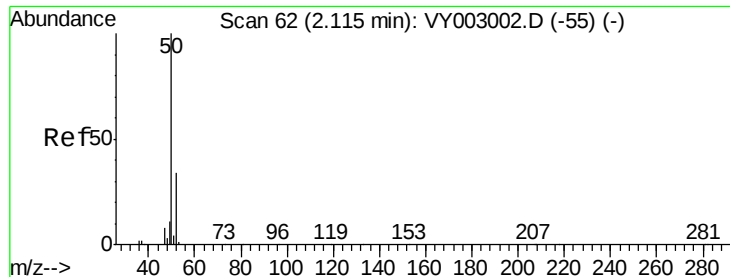
87 34.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0





#3

Chloromethane

Concen: 17.145 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 50 Resp: 81477

Ion Ratio Lower Upper

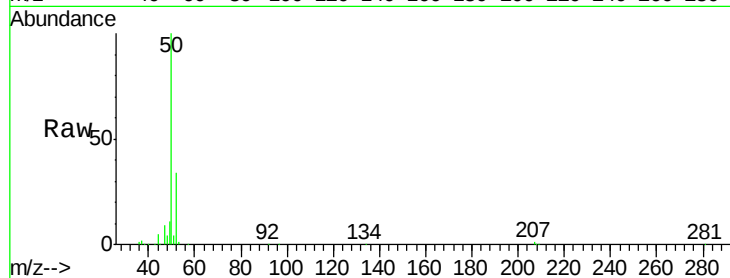
50 100

52 34.4 26.9 40.3

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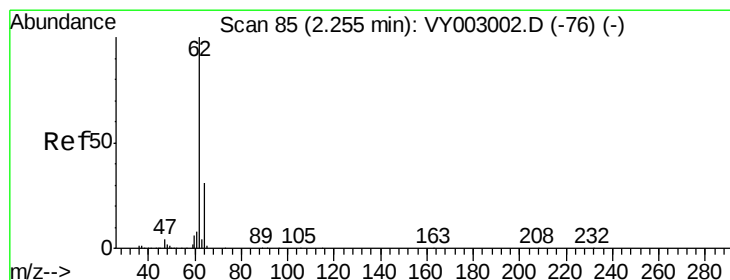
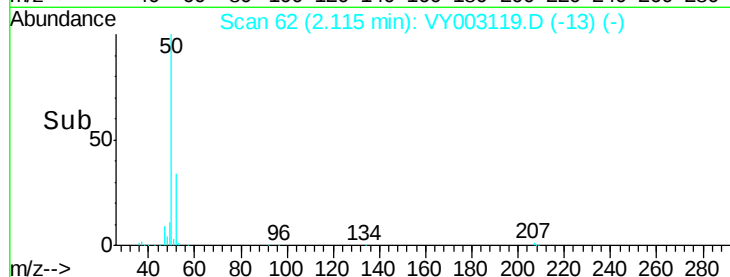
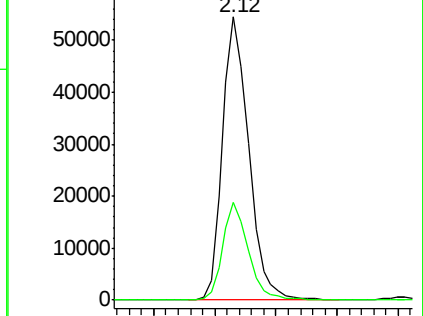
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.056 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY003119.D

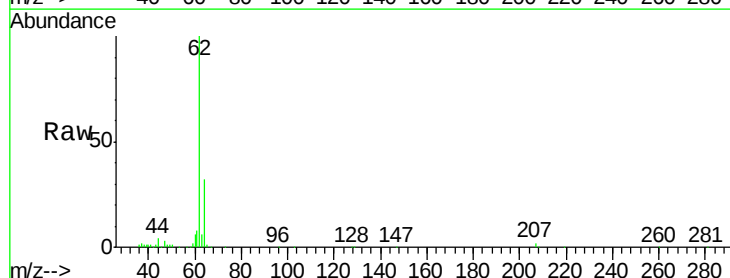
Acq: 07 Jul 2020 12:03

Tgt Ion: 62 Resp: 88335

Ion Ratio Lower Upper

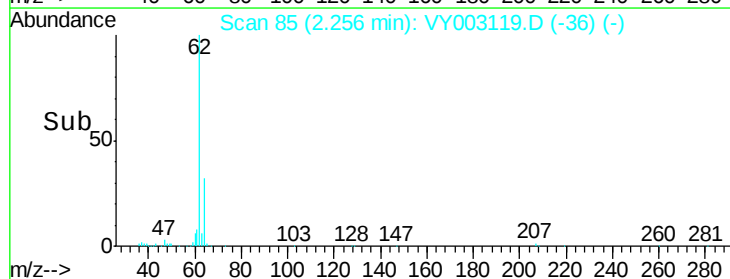
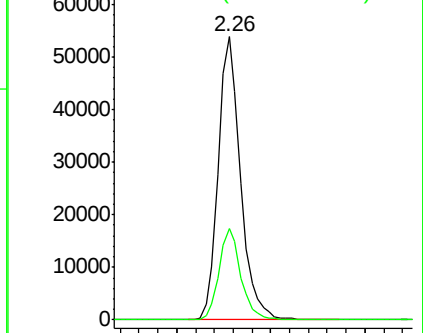
62 100

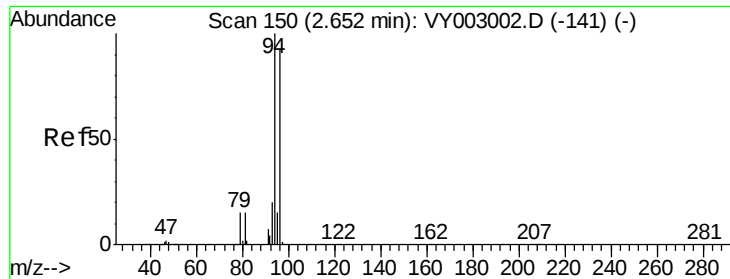
64 32.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.773 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

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VY0707SBS01

Tot Ion: 94 Resp: 68527

Ion Ratio Lower Upper

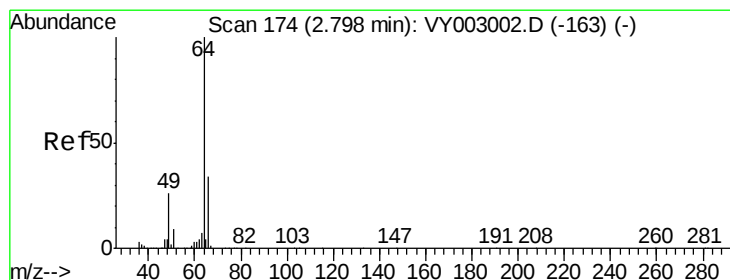
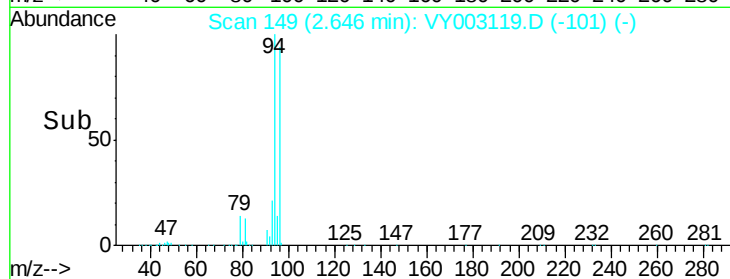
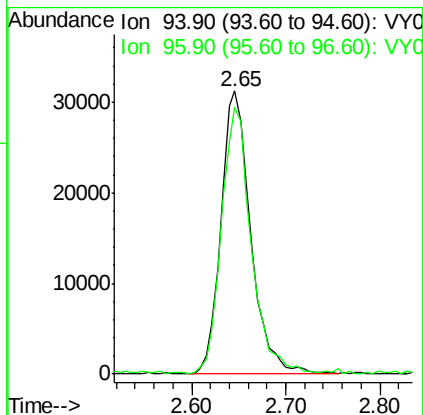
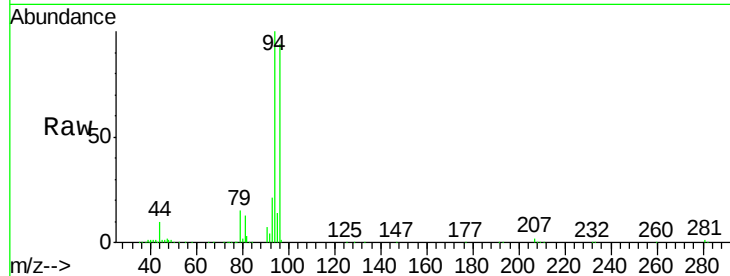
94 100

96 93.8 73.4 110.2

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7/8/2020 12:20:35 PM



#6

Chloroethane

Concen: 19.993 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003119.D

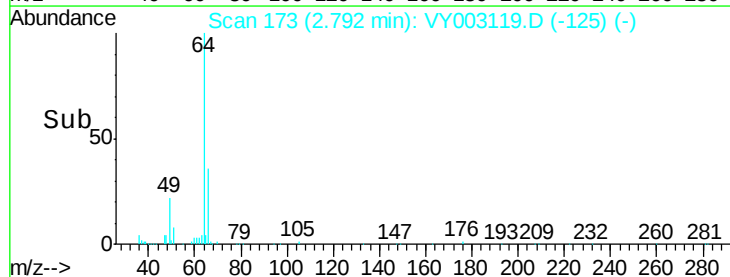
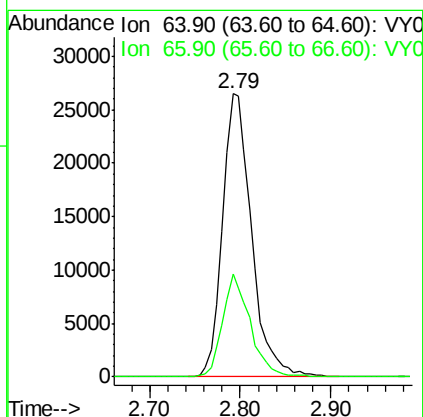
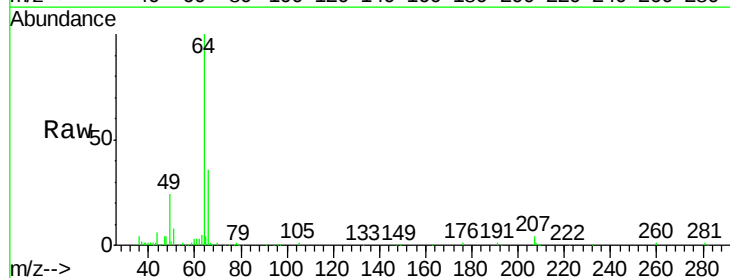
Acq: 07 Jul 2020 12:03

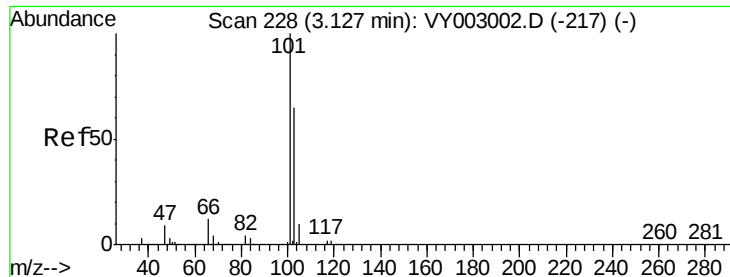
Tgt Ion: 64 Resp: 58956

Ion Ratio Lower Upper

64 100

66 36.3 27.0 40.4





#7

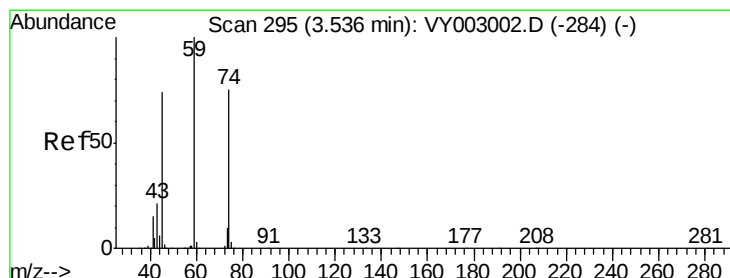
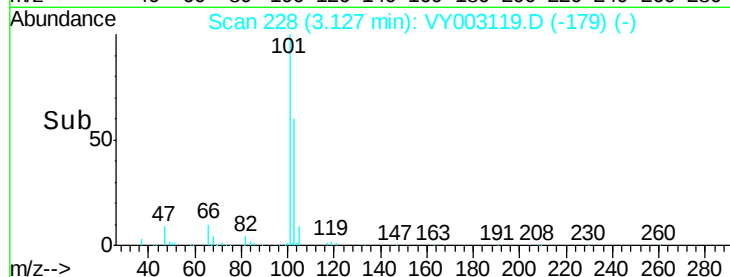
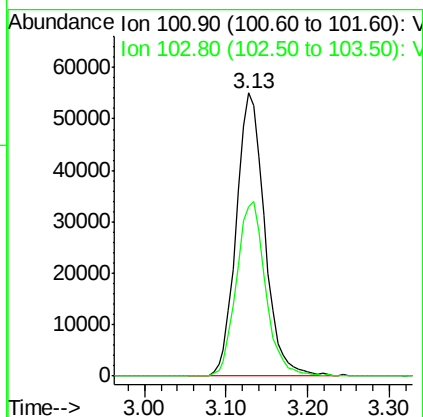
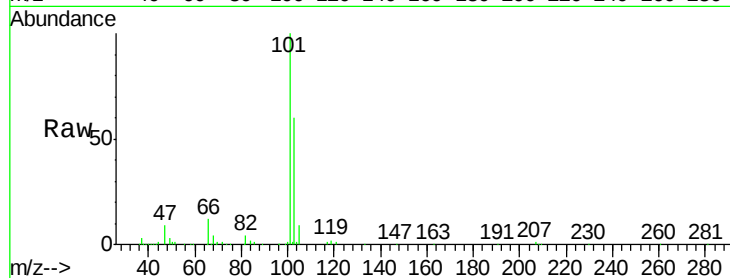
Trichlorofluoromethane
Concen: 20.254 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	132513		
103	60.1	51.6	77.4	

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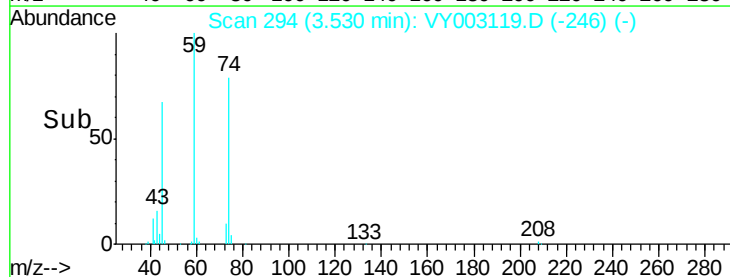
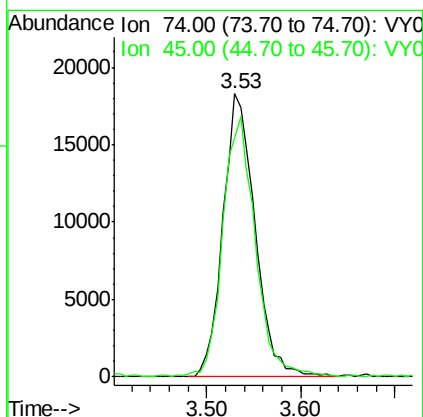
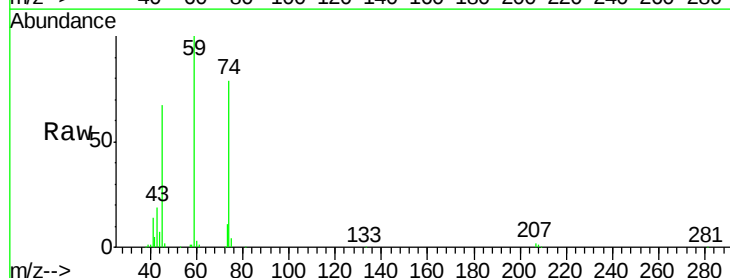
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7/8/2020 12:20:35 PM

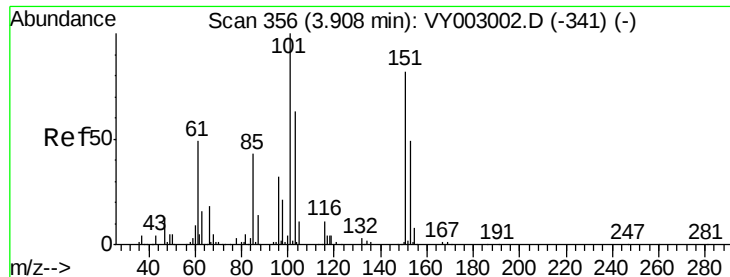


#8

Diethyl Ether
Concen: 19.299 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43286		
45	92.1	49.3	147.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.885 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

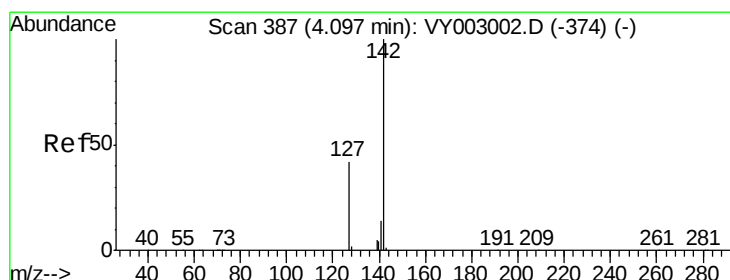
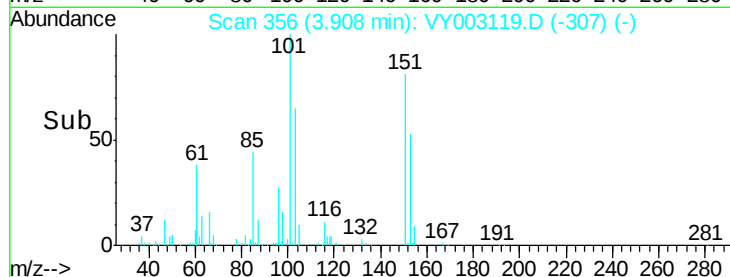
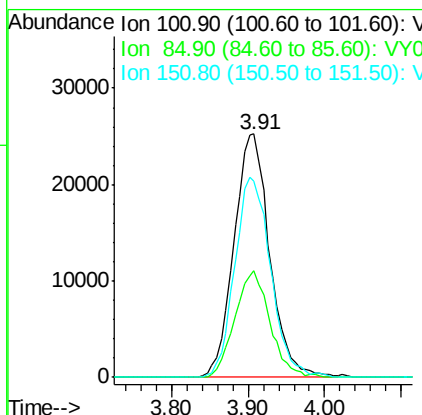
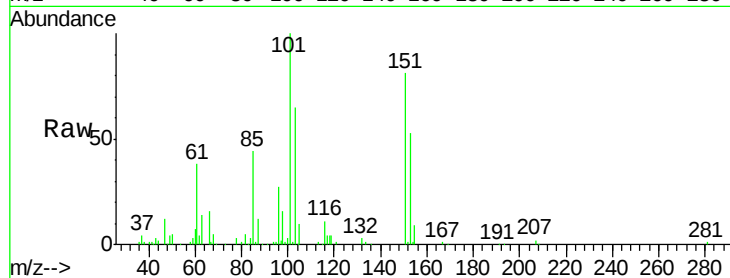
ClientSampleId :

VY0707SBS01

Tot Ion:	101	Resp:	81589
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.5	53.3
151	83.4	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.597 ug/l

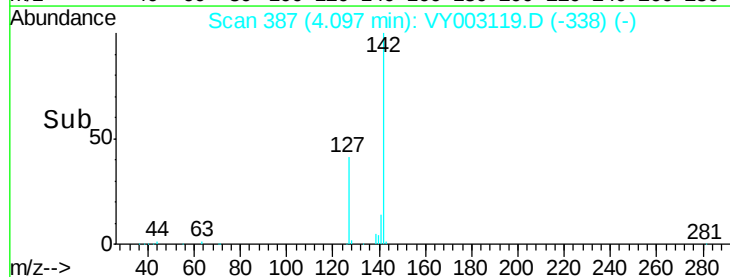
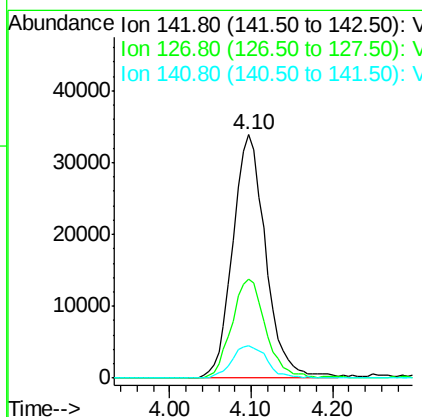
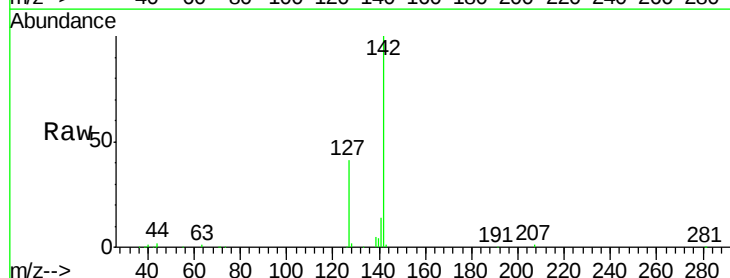
RT: 4.10 min Scan# 387

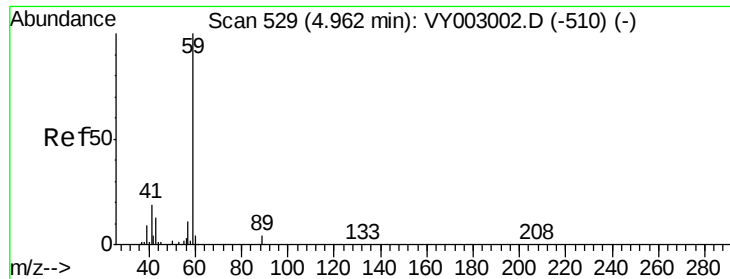
Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion:	142	Resp:	94929
Ion Ratio	Lower	Upper	
142	100		
127	41.6	34.2	51.2
141	14.4	11.7	17.5





#11

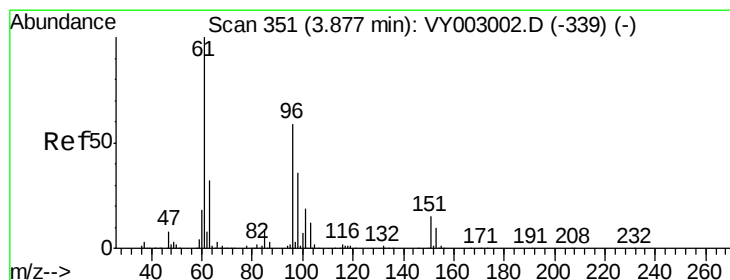
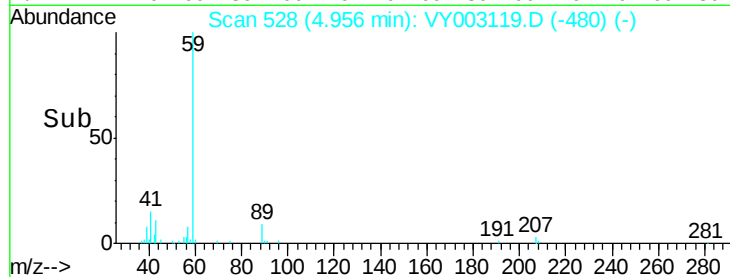
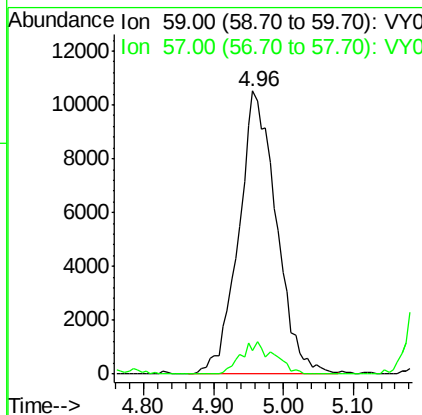
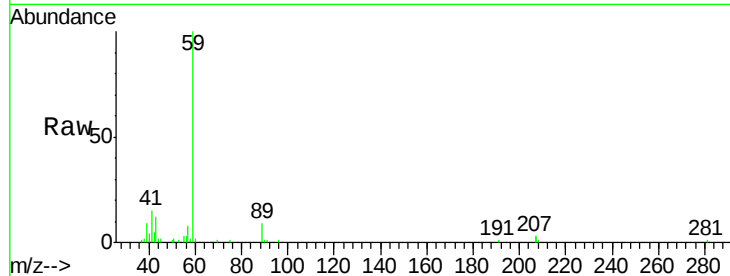
Tert butyl alcohol
 Concen: 90.748 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

Manual Integrations
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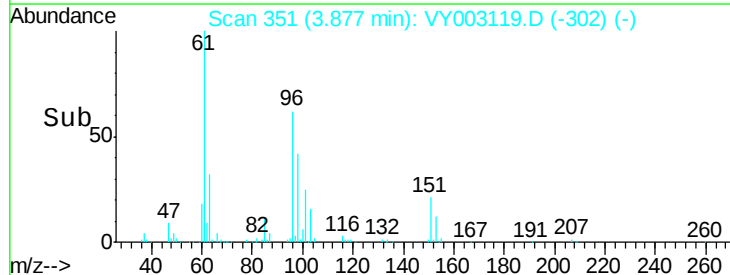
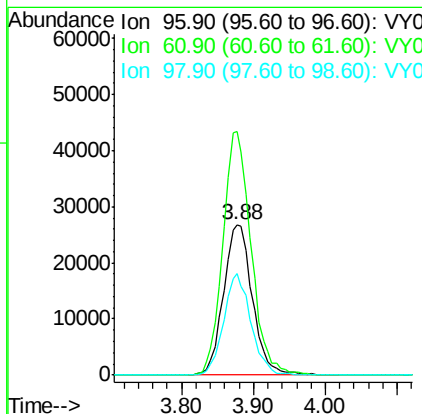
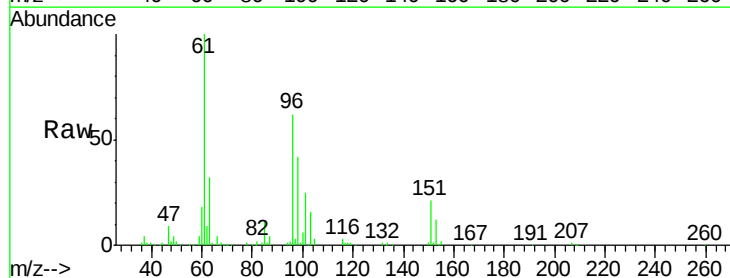
MMDadoda
 7/8/2020 12:20:35 PM

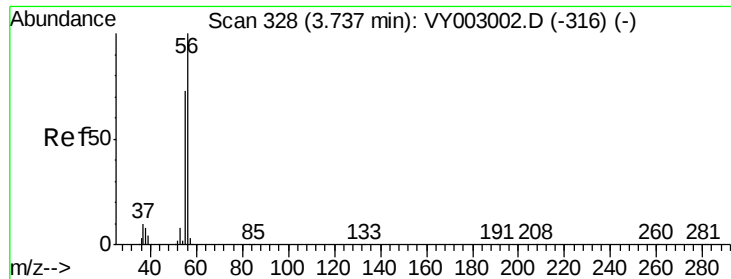


#12

1,1-Dichloroethene
 Concen: 20.042 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	136.7	205.1
98	67.7	49.7	74.5





#13

Acrolein

Concen: 79.764 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 56 Resp: 31072

Ion Ratio Lower Upper

56 100

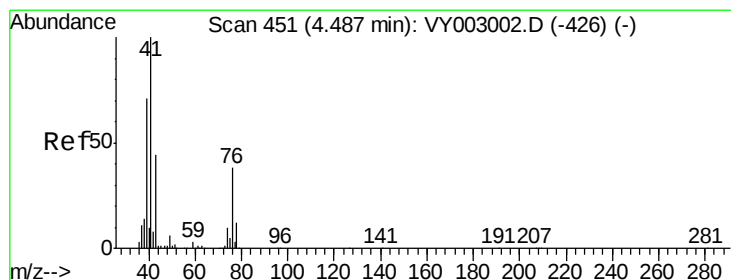
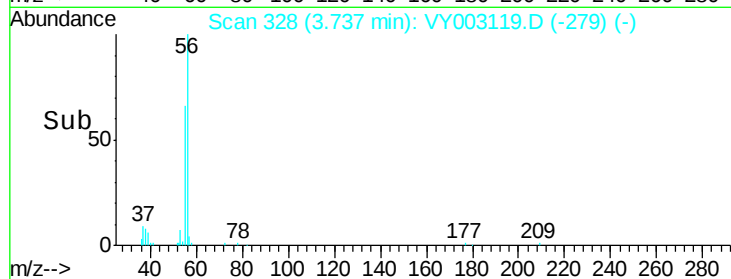
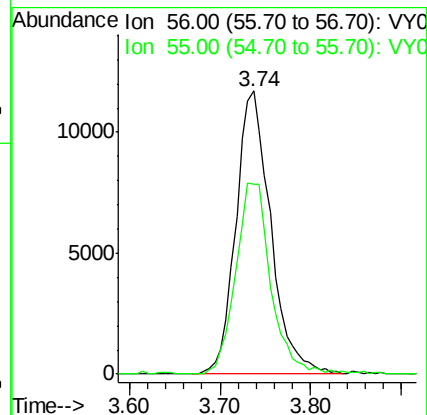
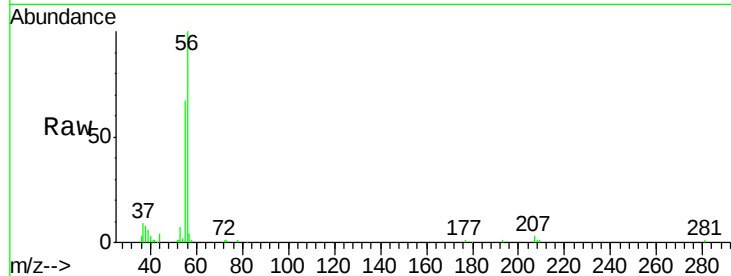
55 68.1 56.4 84.6

Manual Integrations

APPROVED

MMDadoda

7/8/2020 12:20:35 PM



#14

Allyl chloride

Concen: 17.526 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

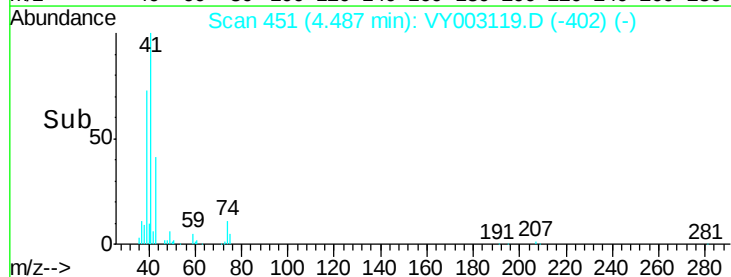
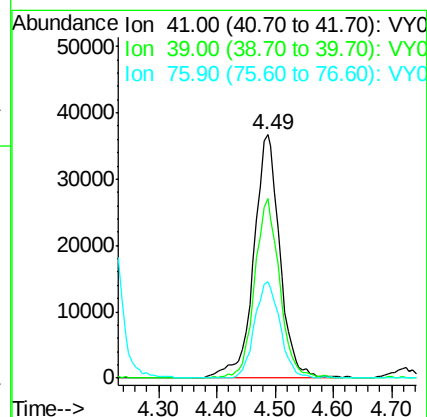
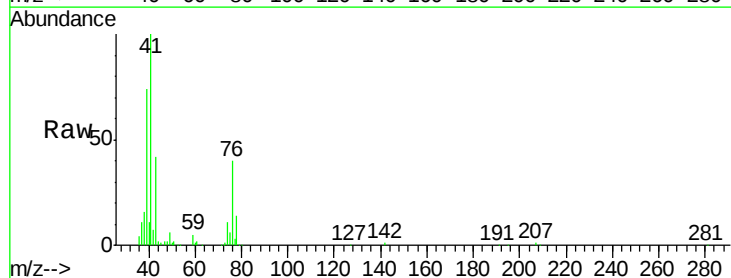
Tgt Ion: 41 Resp: 113737

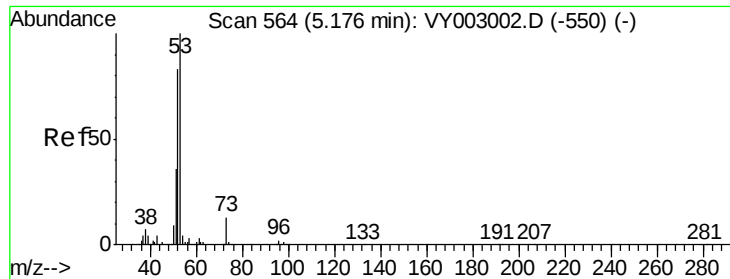
Ion Ratio Lower Upper

41 100

39 70.5 55.6 83.4

76 38.8 28.6 43.0





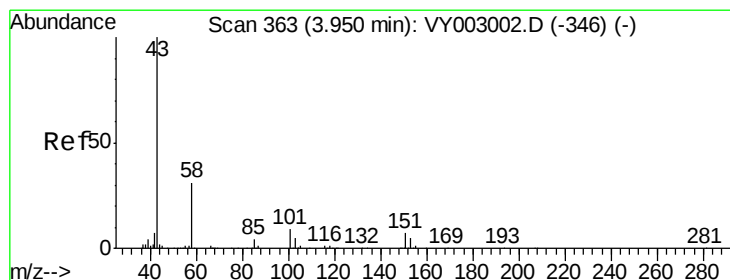
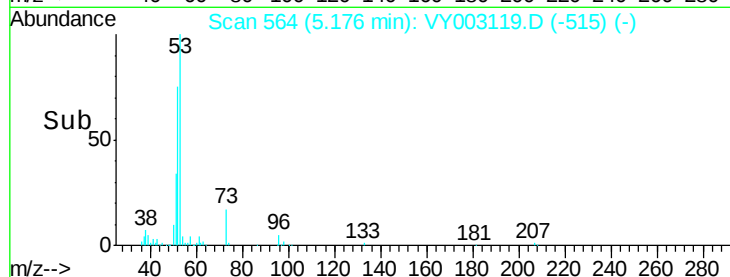
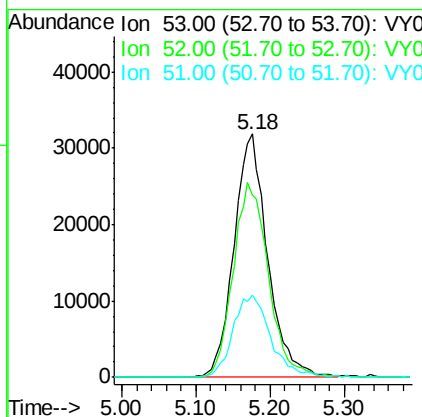
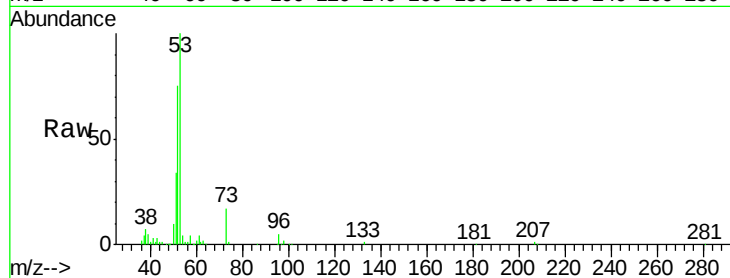
#15
 Acrylonitrile
 Concen: 87.373 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	37.9	29.5	44.3

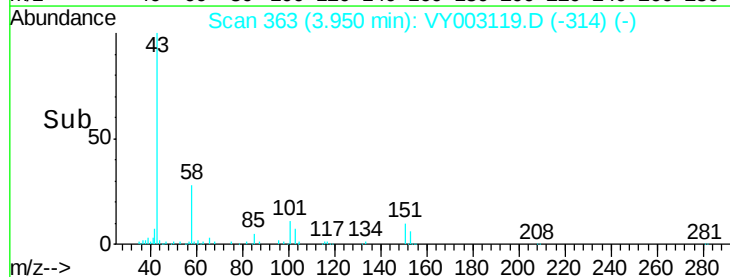
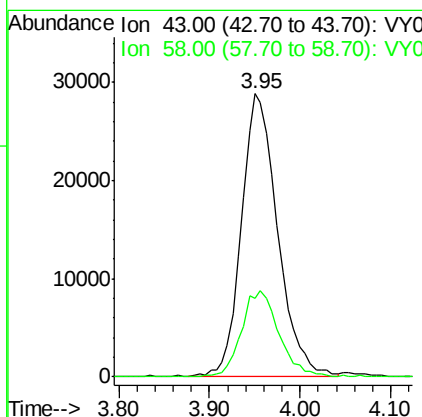
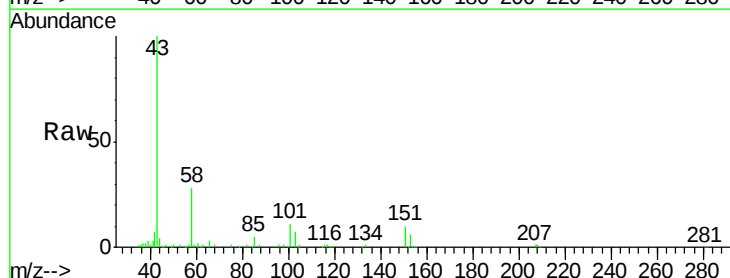
Manual Integrations
 APPROVED

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 7/8/2020 12:20:35 PM



#16
 Acetone
 Concen: 78.816 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.7	37.1





#17

Carbon Disulfide

Concen: 18.814 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 76 Resp: 223429

Ion Ratio Lower Upper

76 100

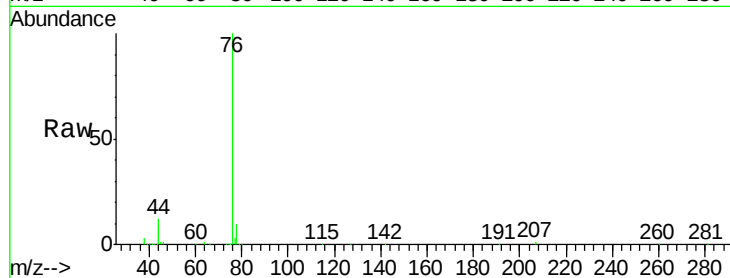
78 9.6 7.0 10.6

Manual Integrations

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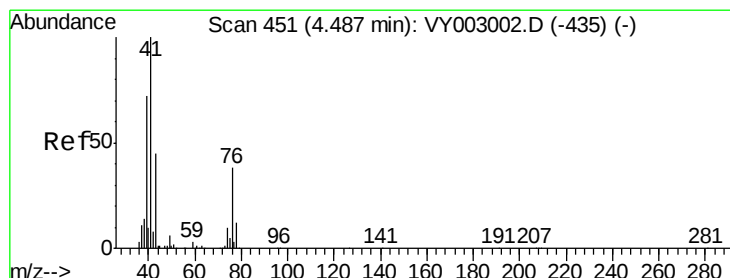
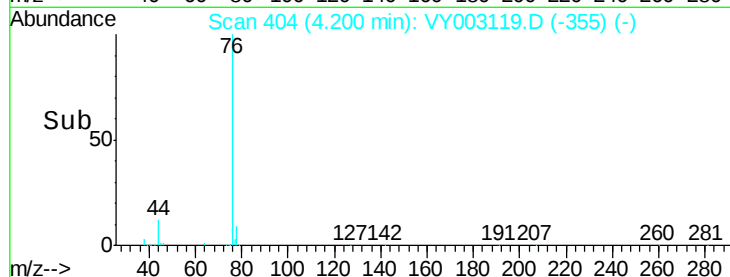
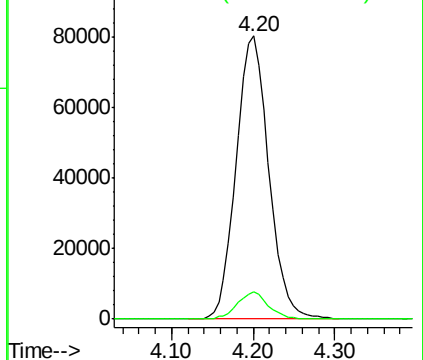
MMDadoda

7/8/2020 12:20:35 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 17.492 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003119.D

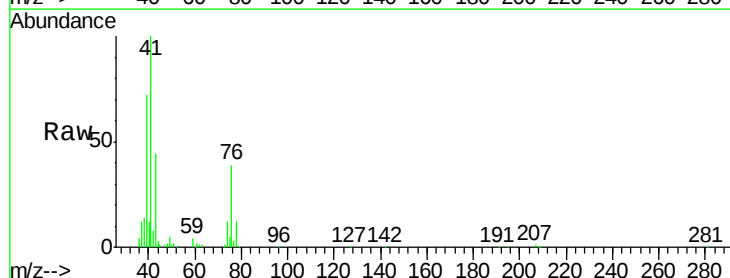
Acq: 07 Jul 2020 12:03

Tgt Ion: 43 Resp: 47302

Ion Ratio Lower Upper

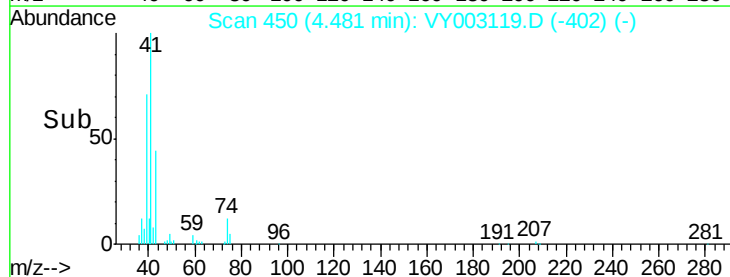
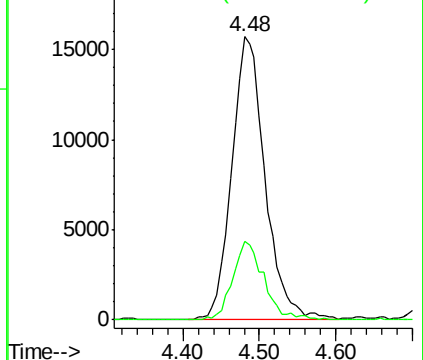
43 100

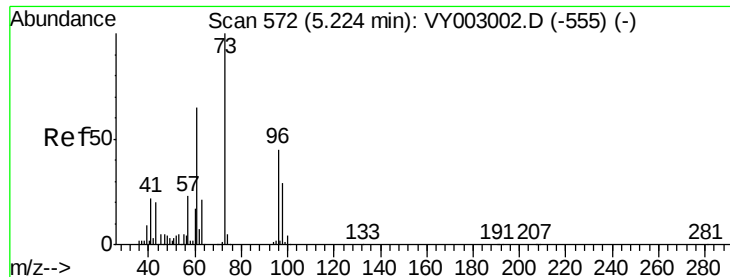
74 25.9 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





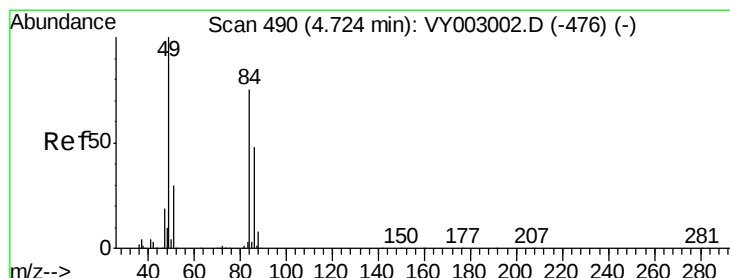
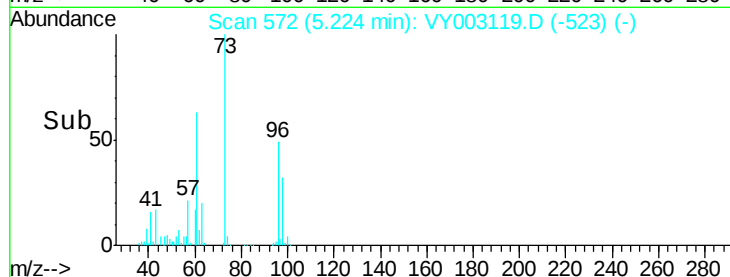
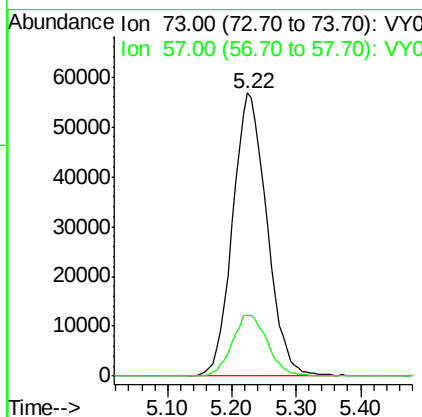
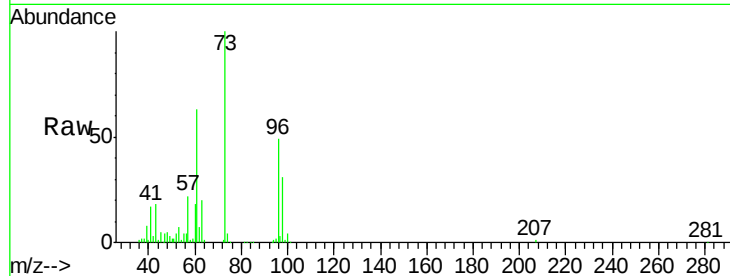
#19
Methvl tert-butvl Ether
Concen: 19.288 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	73	Resp	208975
Ion Ratio	73	100	
Lower	57	21.7	18.2
Upper			27.2

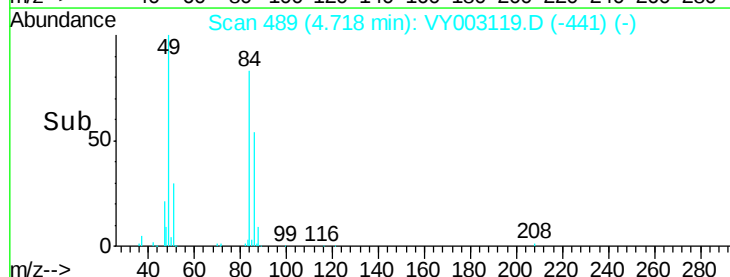
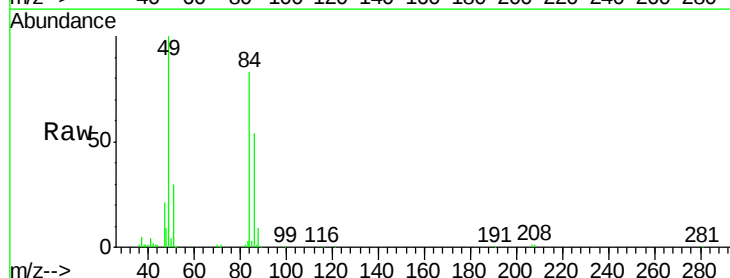
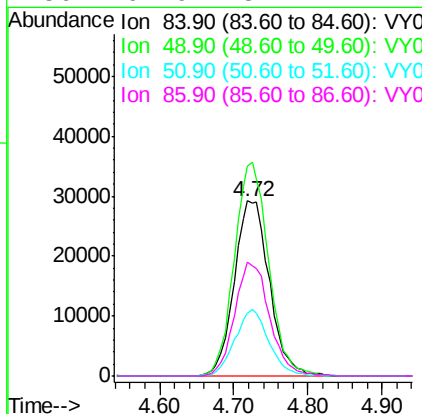
Manual Integrations
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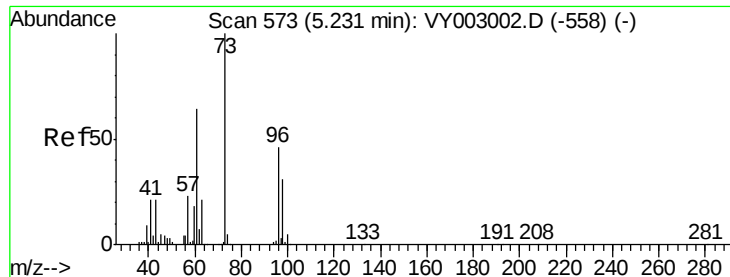
MMDadoda
7/8/2020 12:20:35 PM



#20
Methylene Chloride
Concen: 16.917 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	84	Resp	96432
Ion Ratio	84	100	
Lower	49	120.1	106.8
Upper	51	35.9	32.0
	86	64.9	51.4
			77.2





#21

trans-1,2-Dichloroethene

Concen: 20.395 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

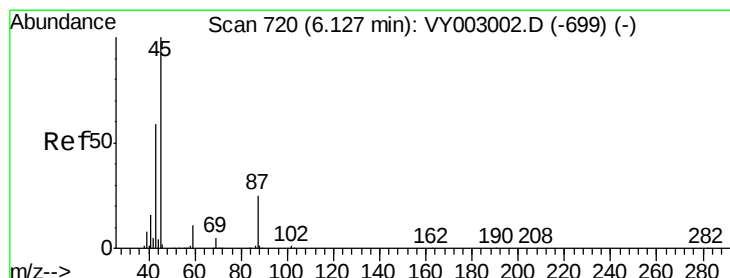
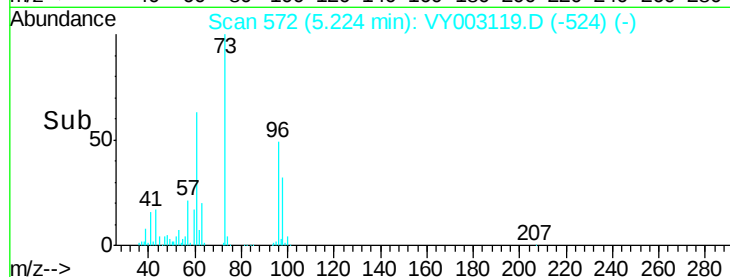
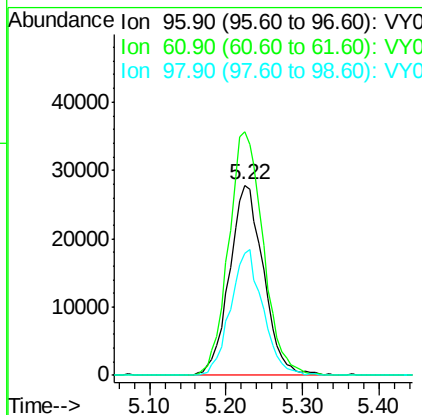
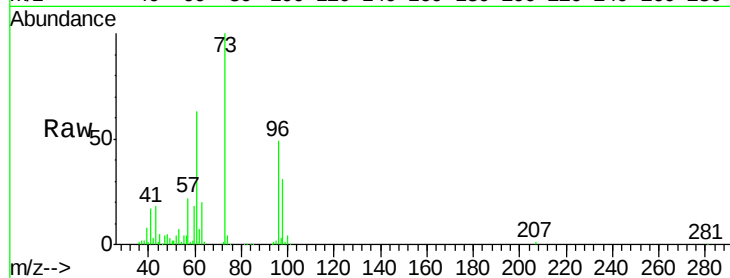
ClientSampleId :

VY0707SBS01

Tot Ion:	96	Resp:	85749
Ion	Ratio	Lower	Upper
96	100		
61	127.8	112.3	168.5
98	64.2	53.8	80.8

Manual Integrations
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MMDadoda
7/8/2020 12:20:35 PM



#22

Diisopropyl ether

Concen: 18.095 ug/l

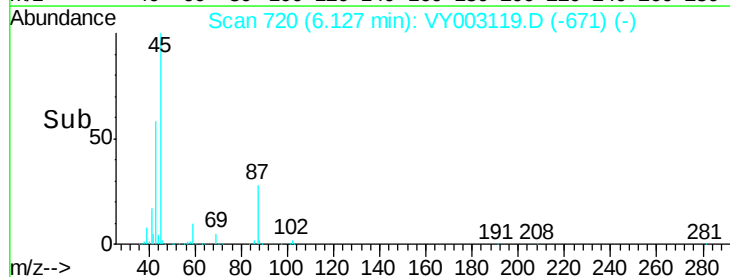
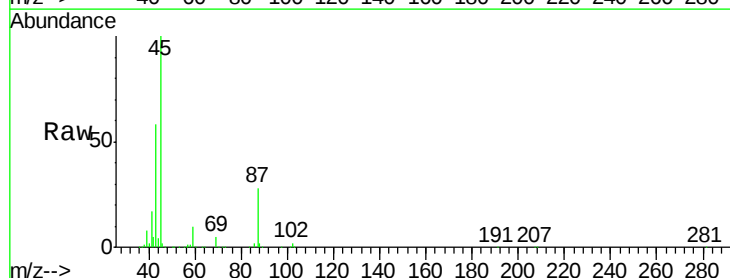
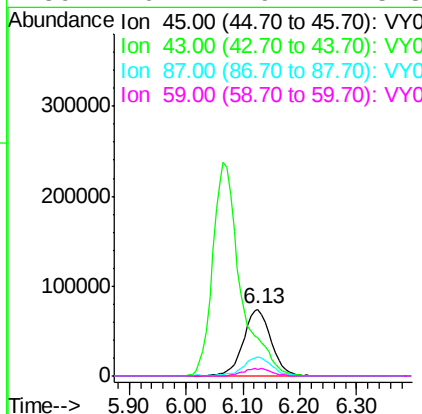
RT: 6.13 min Scan# 720

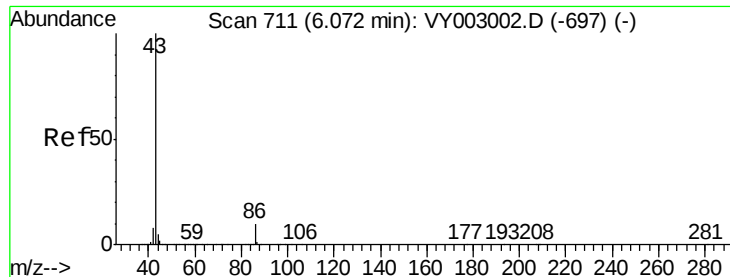
Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion:	45	Resp:	251693
Ion	Ratio	Lower	Upper
45	100		
43	57.3	47.4	71.2
87	28.3	20.2	30.2
59	10.4	9.2	13.8





#23

Vinyl Acetate

Concen: 86.577 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 43 Resp: 805110

Ion Ratio Lower Upper

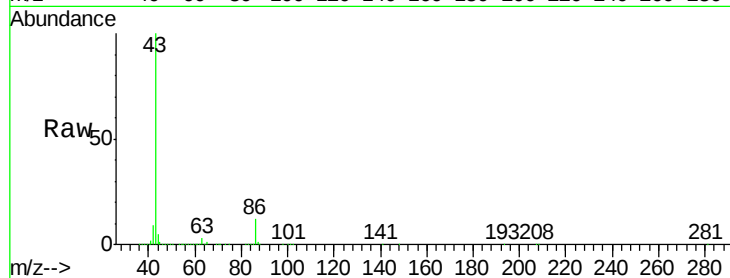
43 100

86 11.7 8.1 12.1

Manual Integrations
APPROVED

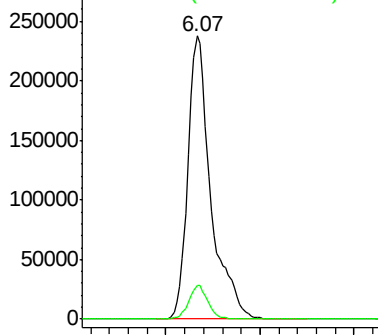
MMDadoda

7/8/2020 12:20:35 PM

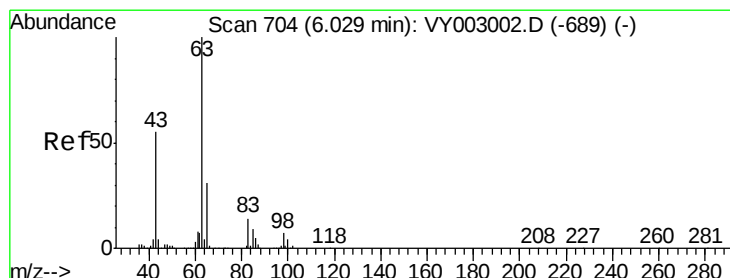
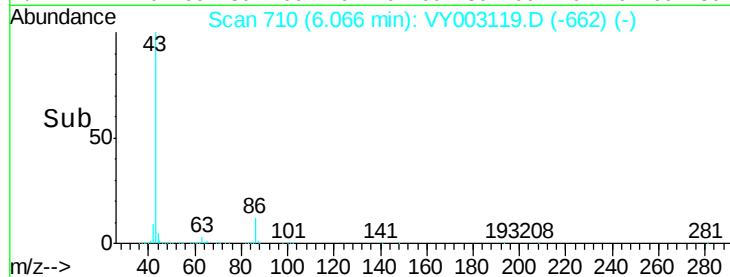


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 19.404 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

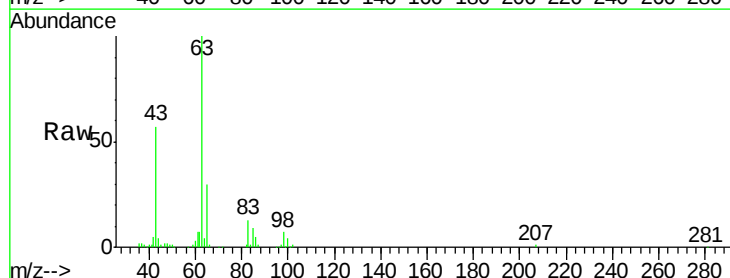
Tgt Ion: 63 Resp: 147434

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

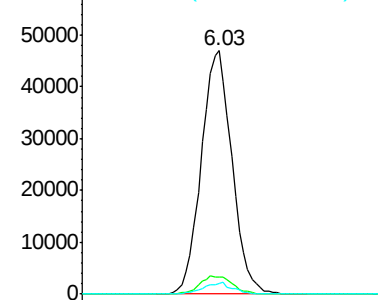
100 4.3 2.3 6.8



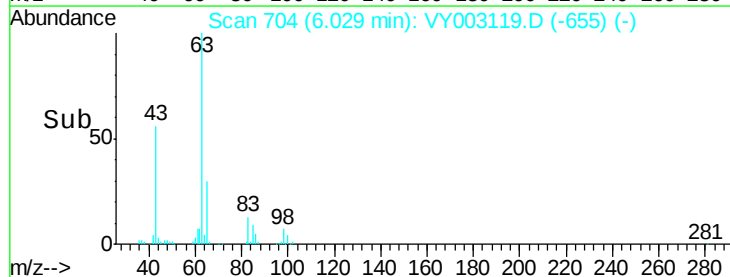
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





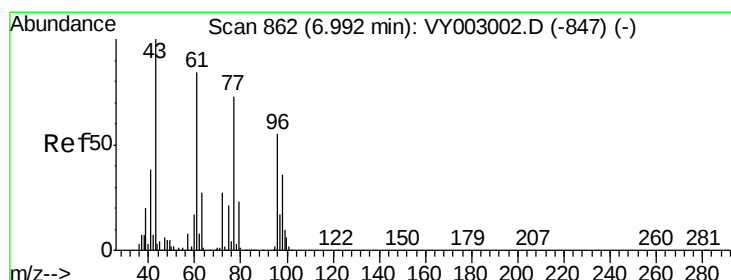
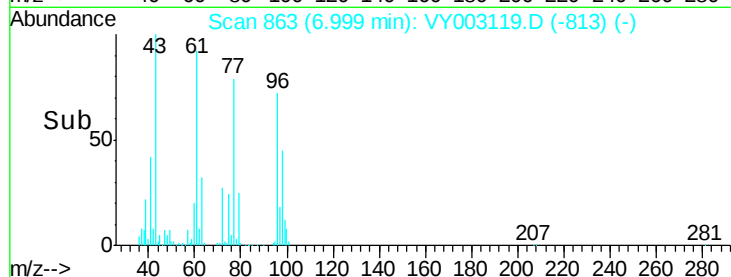
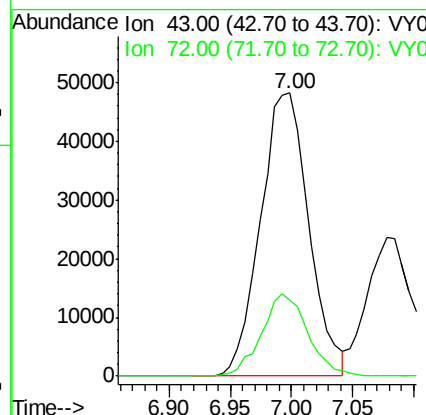
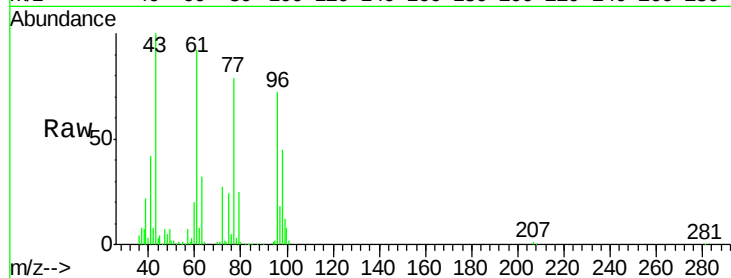
#25
2-Butanone
Concen: 83.446 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion: 43 Resp: 133052
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.0

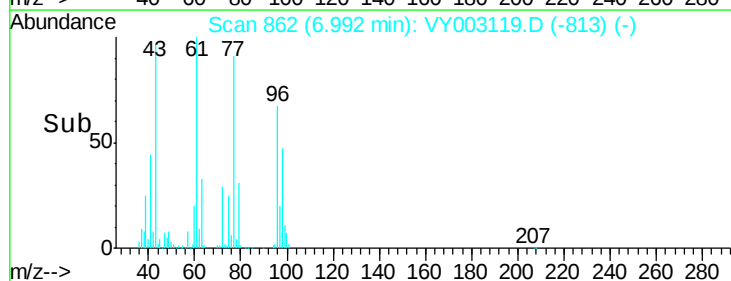
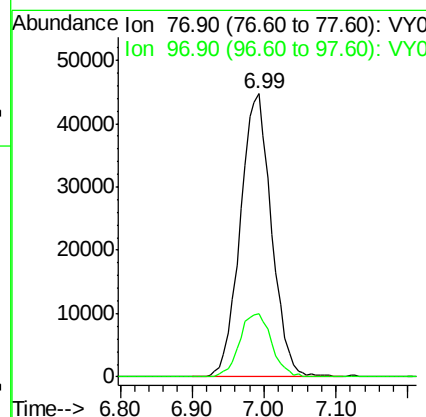
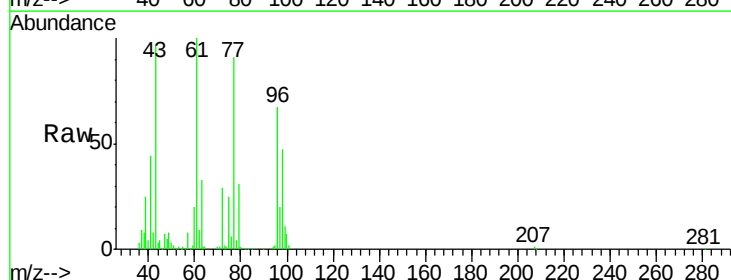
Manual Integrations
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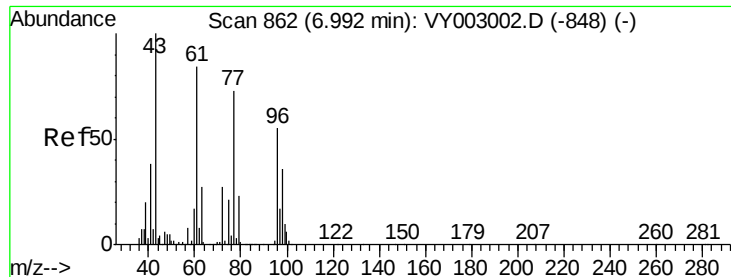
MMDadoda
7/8/2020 12:20:35 PM



#26
2,2-Dichloropropane
Concen: 19.500 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 77 Resp: 134614
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9





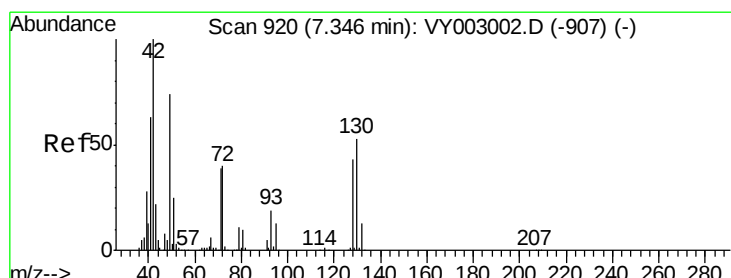
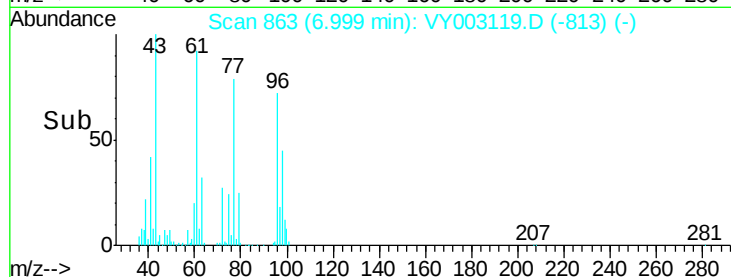
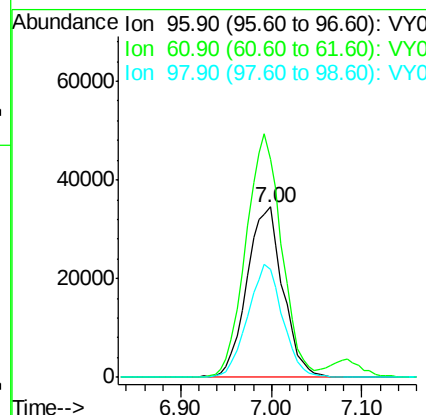
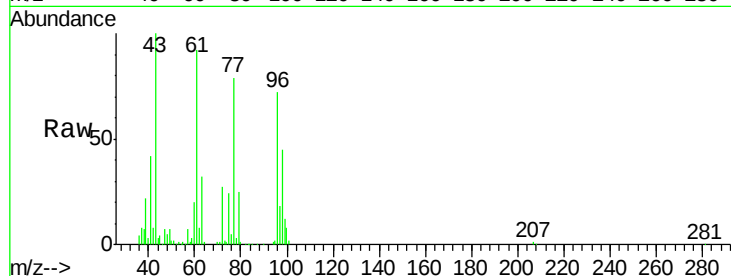
#27
 cis-1,2-Dichloroethene
 Concen: 20.172 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. 0.01 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	301.2
98	64.1	0.0	129.0

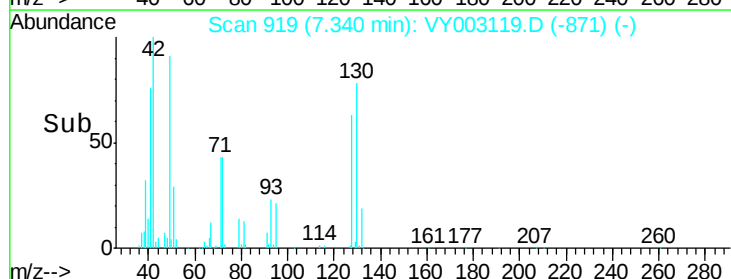
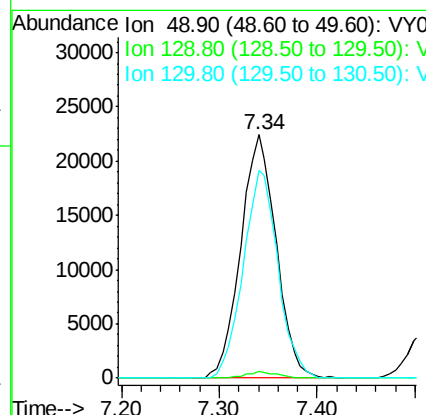
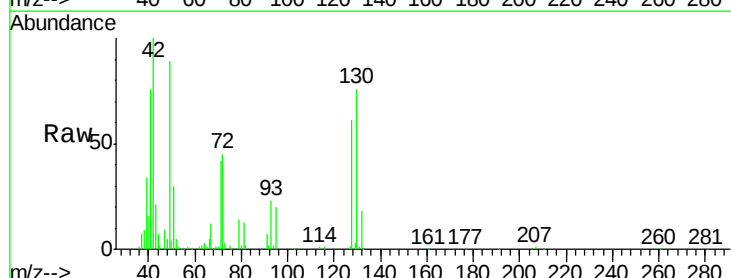
Manual Integrations
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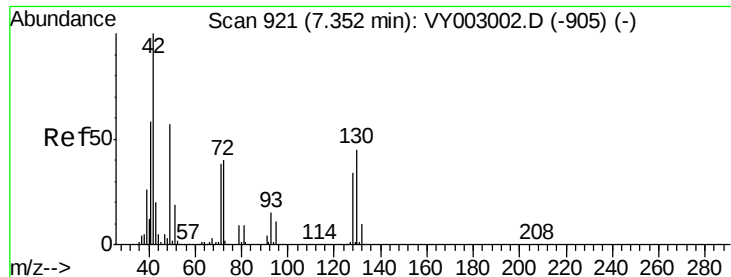
MMDadoda
 7/8/2020 12:20:35 PM



#28
 Bromochloromethane
 Concen: 16.691 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	83.6	57.0	85.6





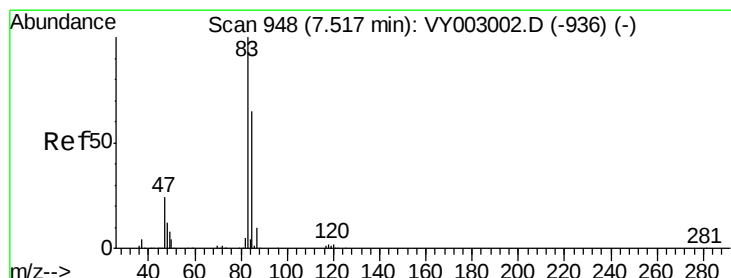
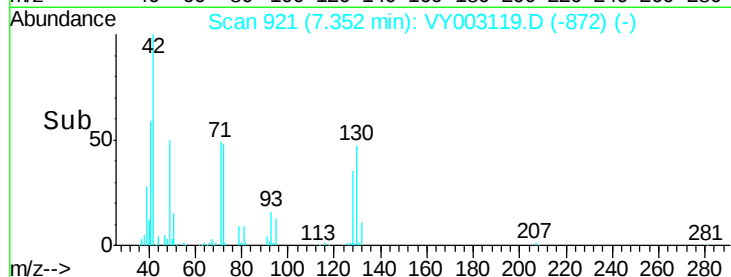
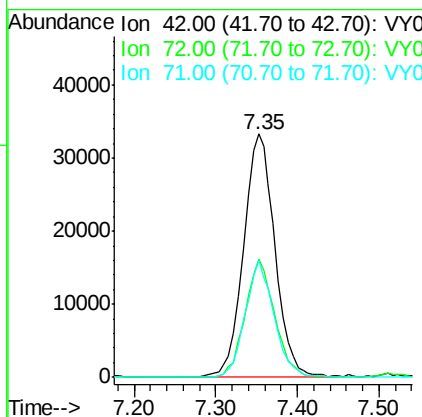
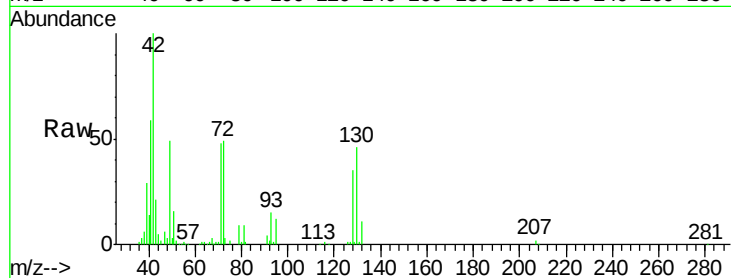
#29
Tetrahydrofuran
Concen: 83.862 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	32.9	49.3
71	44.2	31.2	46.8

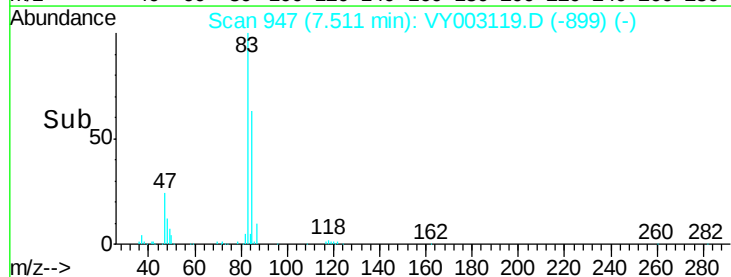
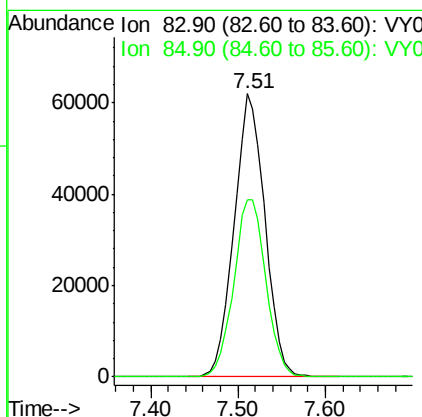
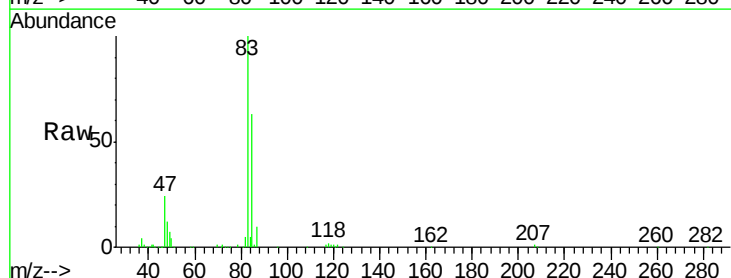
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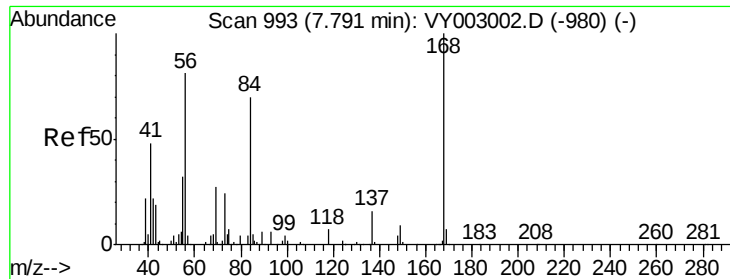
MMDadoda
7/8/2020 12:20:35 PM



#30
Chloroform
Concen: 20.109 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.7	77.5





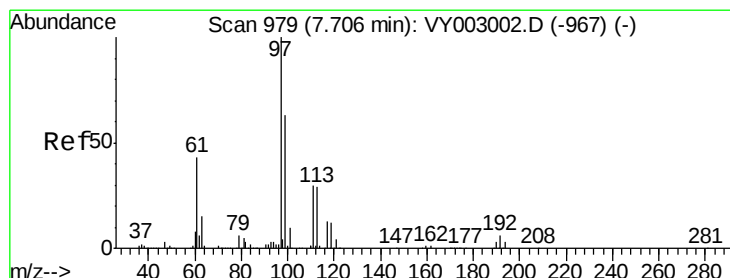
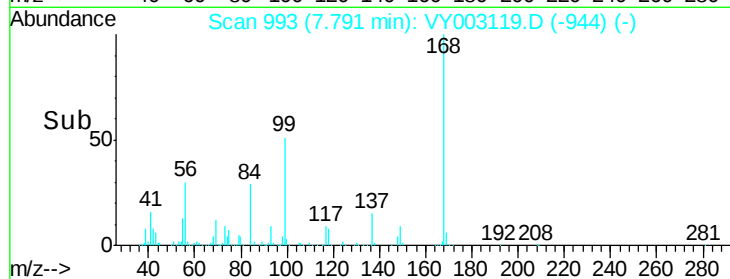
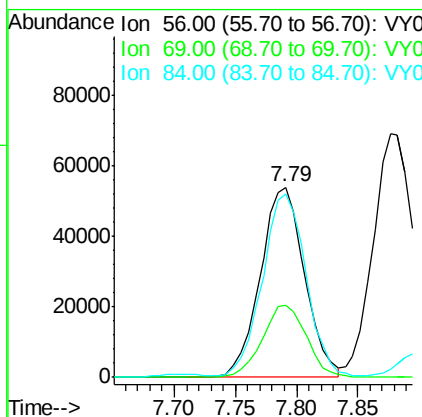
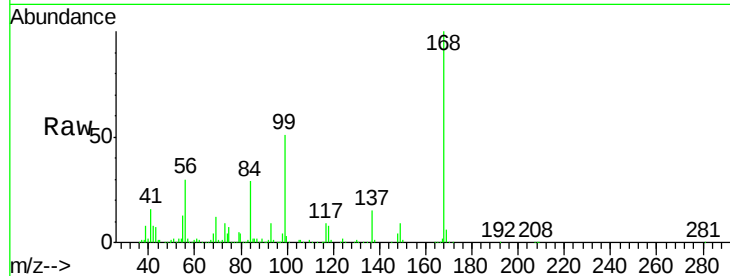
#31
Cyclohexane
Concen: 18.129 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.2	27.0	40.4
84	95.4	68.1	102.1

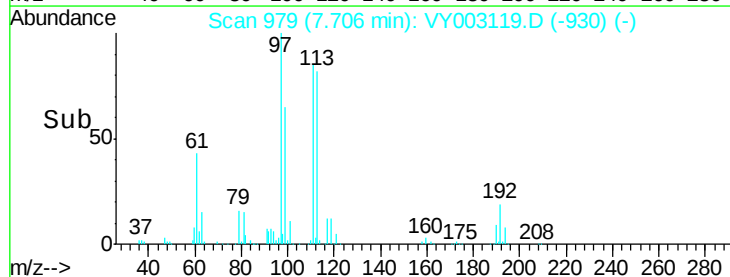
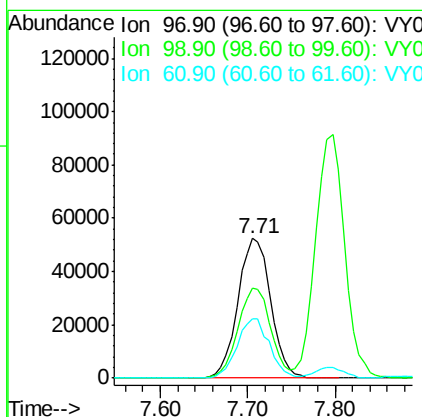
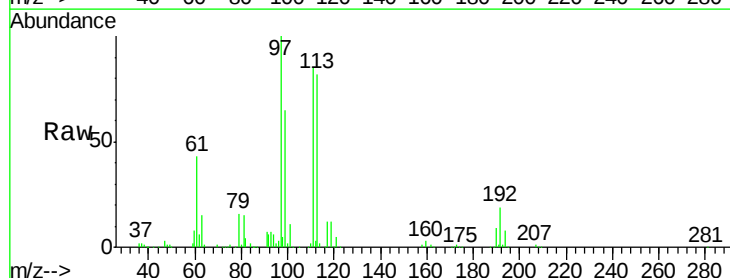
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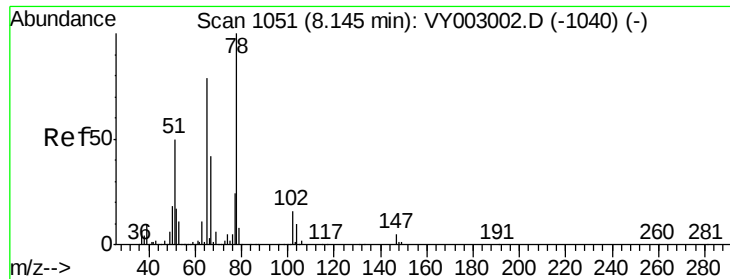
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.861 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	42.2	33.9	50.9





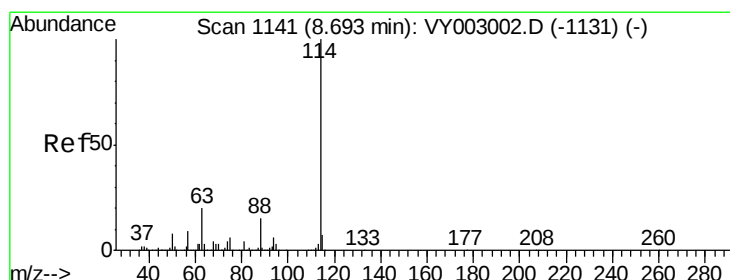
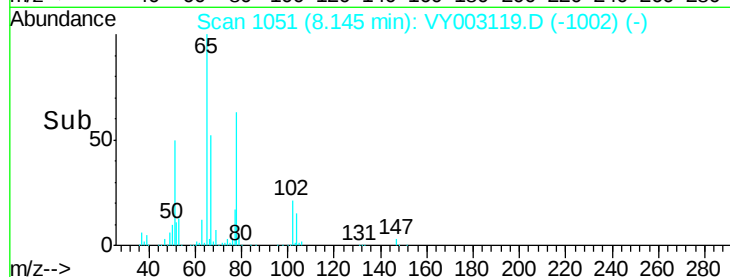
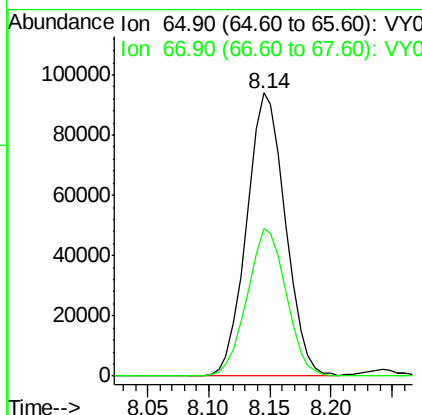
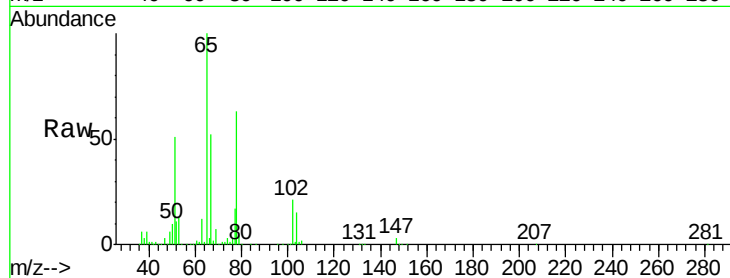
#33
 1,2-Dichloroethane-d4
 Concen: 48.544 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206600		
67	52.8	0.0	105.6	

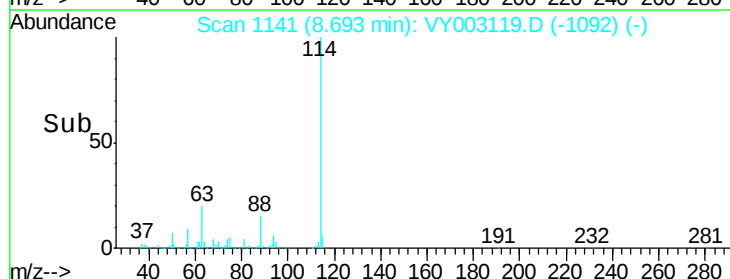
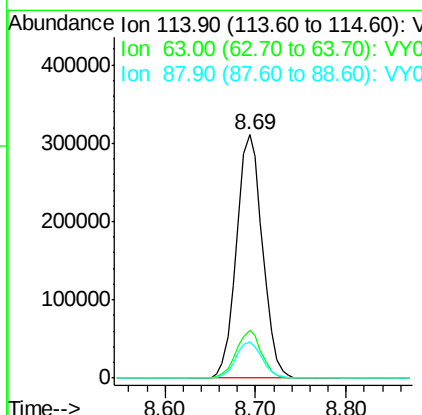
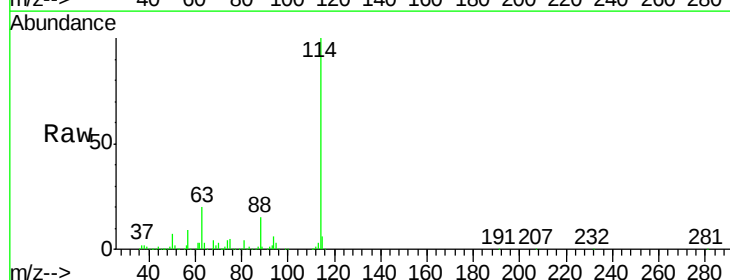
Manual Integrations
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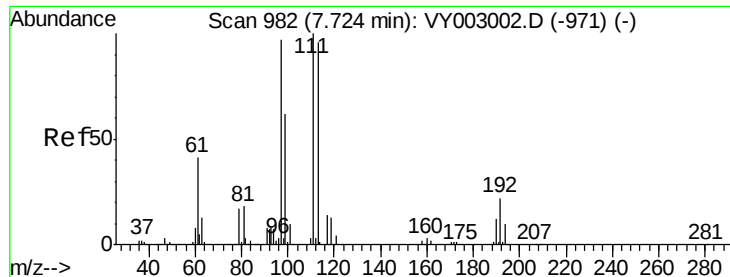
MMDadoda
 7/8/2020 12:20:35 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	618963		
63	19.7	0.0	40.6	
88	14.9	0.0	30.0	





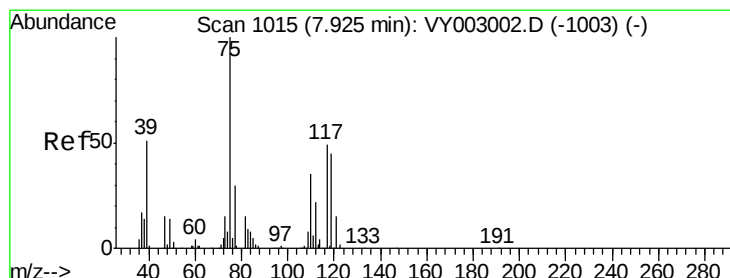
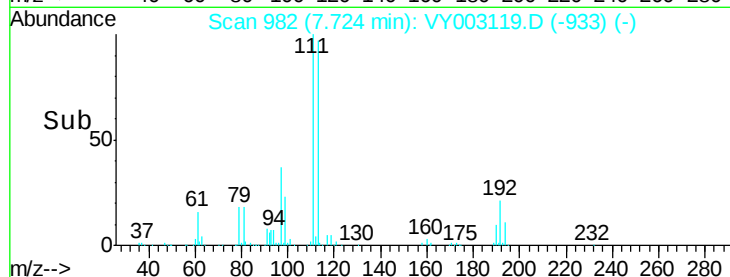
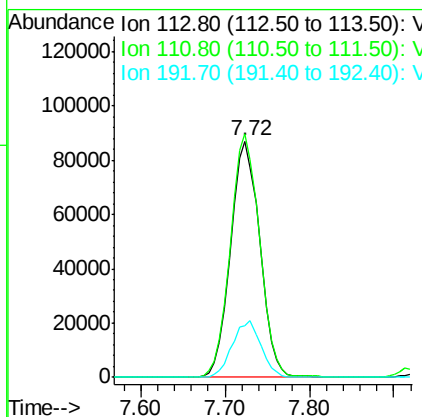
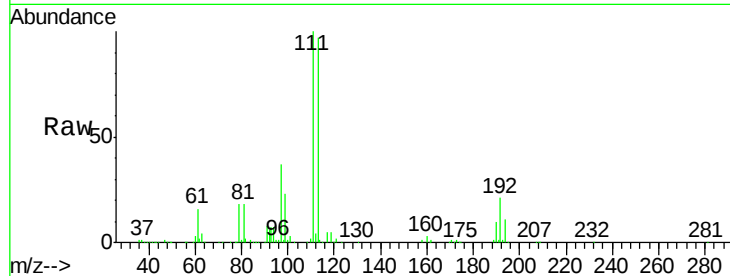
#35
Dibromofluoromethane
Concen: 53.103 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	205041		
111	102.4		82.6	123.8
192	23.6		18.1	27.1

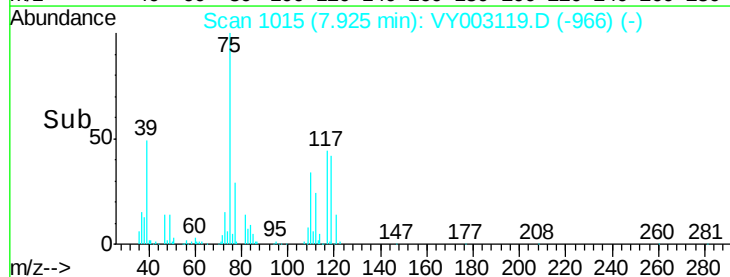
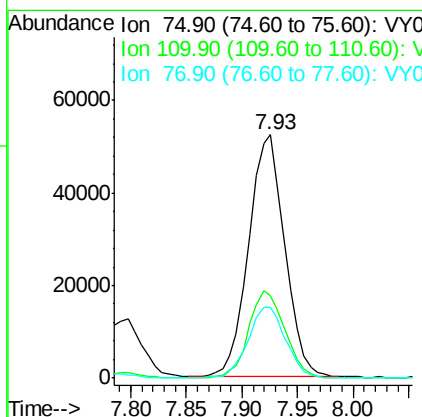
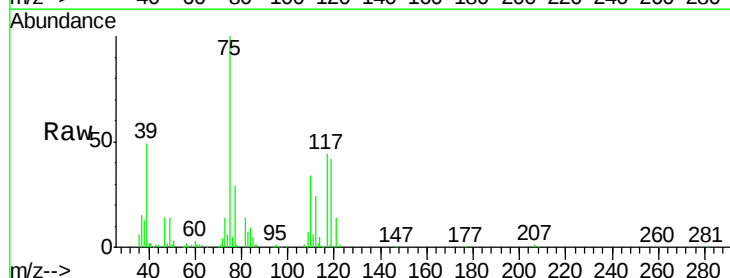
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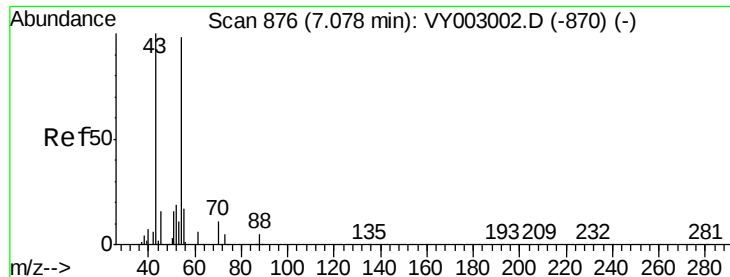
MMDadoda
7/8/2020 12:20:35 PM



#36
1,1-Dichloropropene
Concen: 19.862 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	118421		
110	35.9		17.1	51.2
77	30.9		24.9	37.3





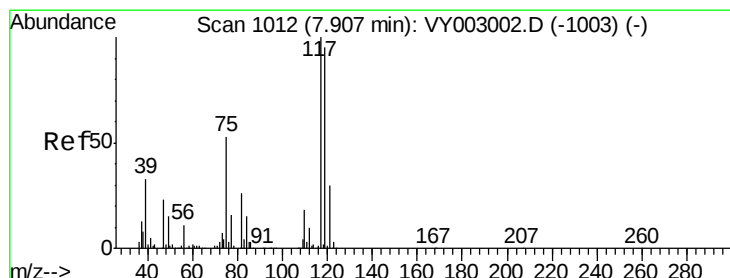
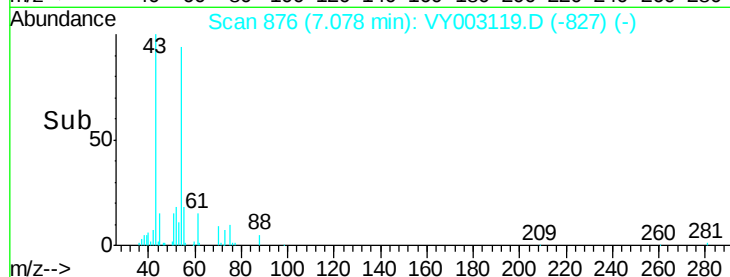
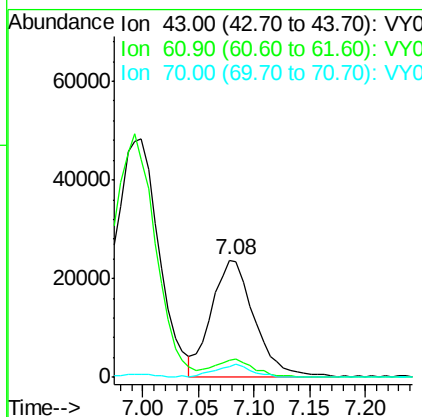
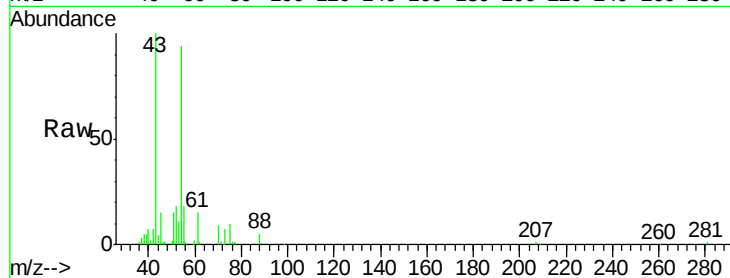
#37
Ethyl Acetate
Concen: 17.513 ug/l
RT: 7.08 min Scan# 876
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	9.8	7.7	11.5

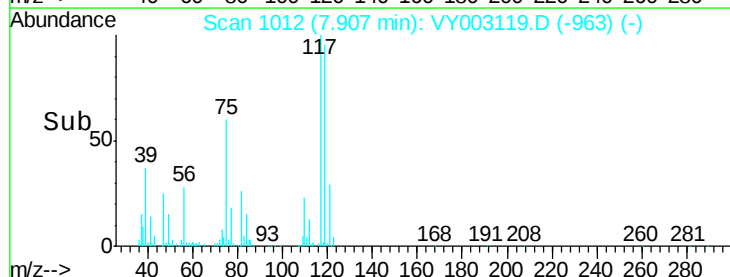
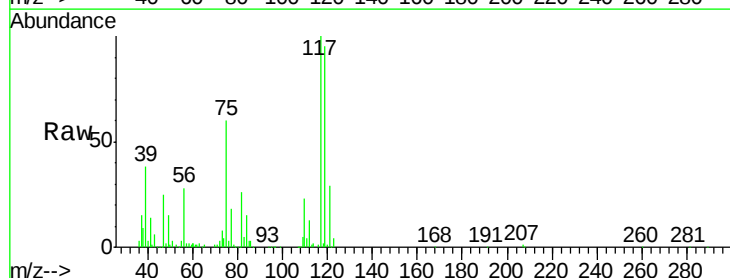
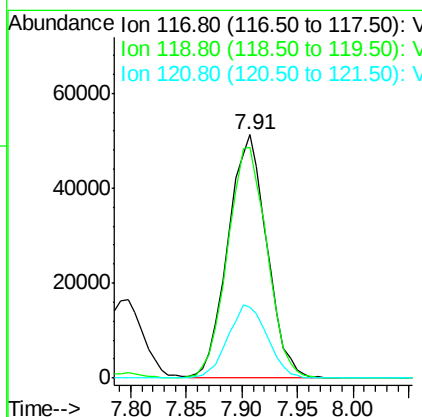
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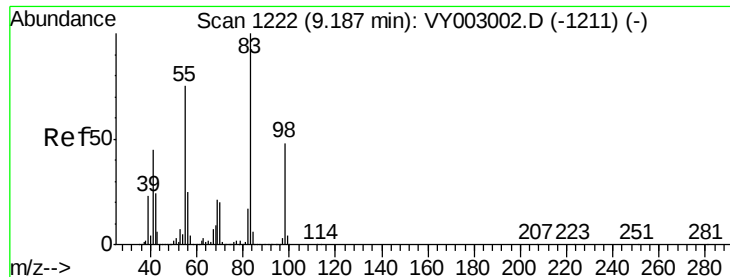
MMDadoda
7/8/2020 12:20:35 PM



#38
Carbon Tetrachloride
Concen: 19.986 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.7	113.5
121	28.9	23.9	35.9





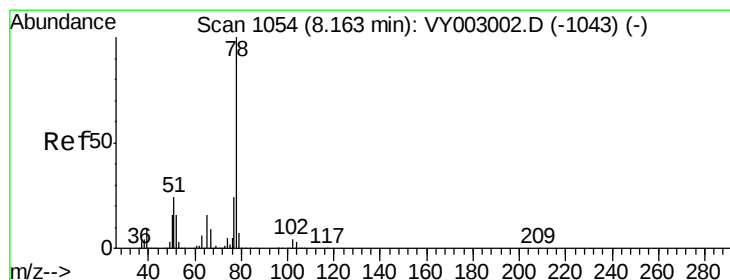
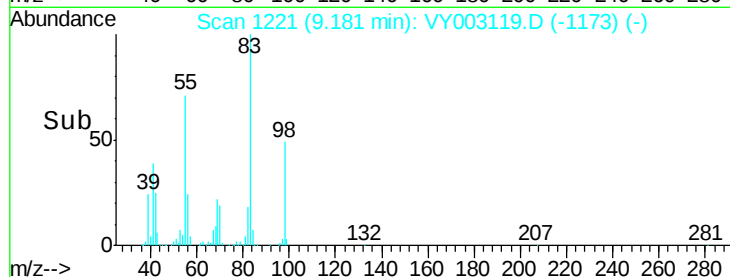
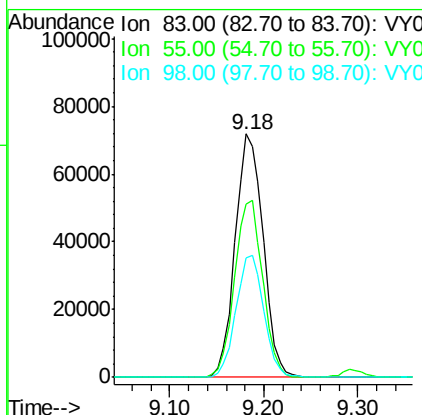
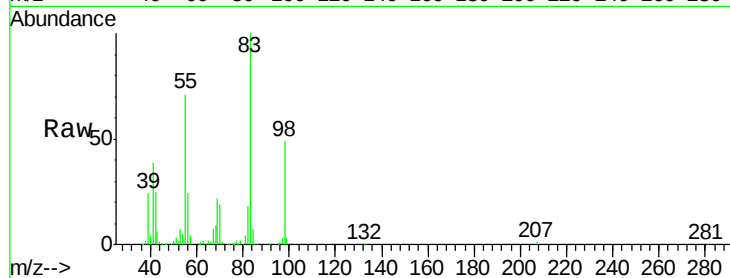
#39
Methvlcvclohexane
Concen: 20.086 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	148479		
55	71.3	59.9	89.9	
98	48.9	38.7	58.1	

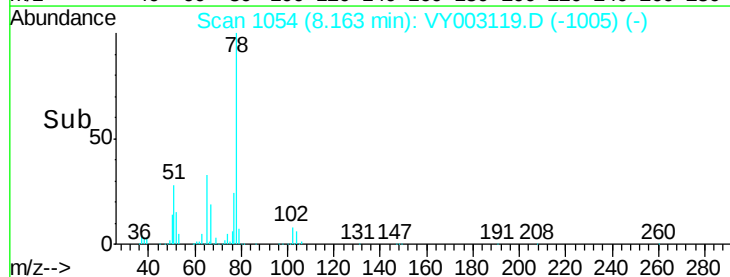
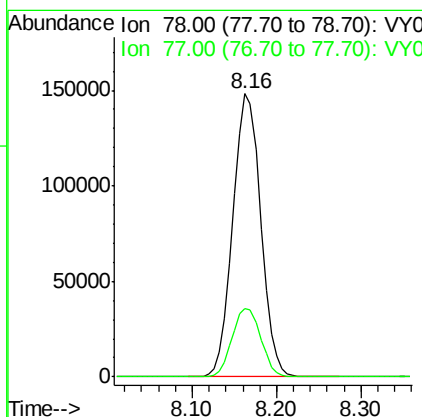
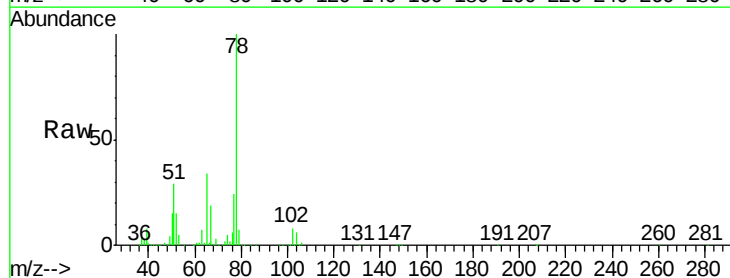
Manual Integrations
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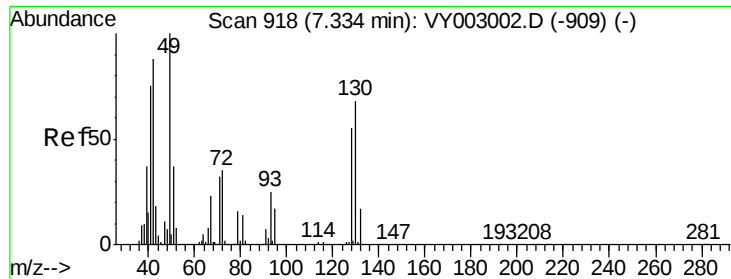
MMDadoda
7/8/2020 12:20:35 PM



#40
Benzene
Concen: 20.358 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	332298		
77	24.2	19.2	28.8	





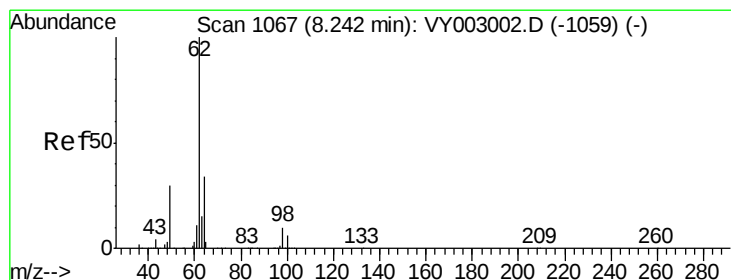
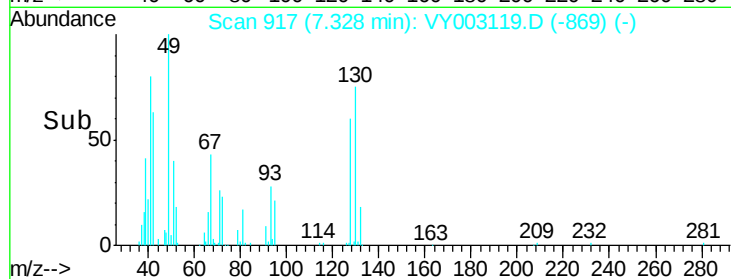
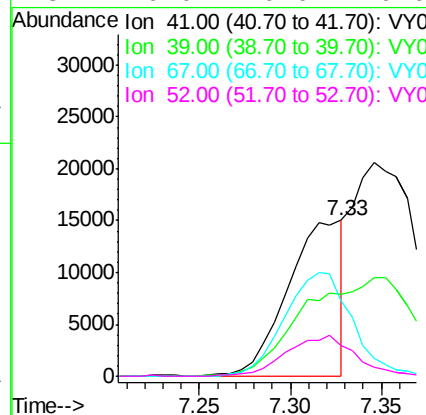
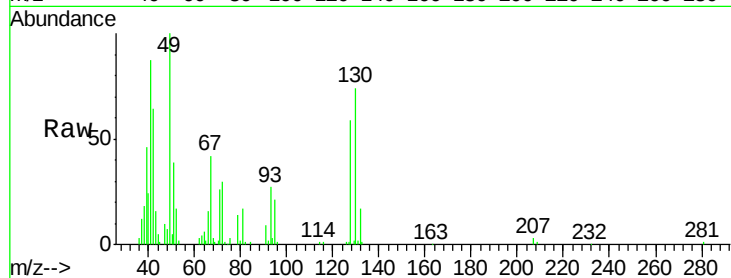
#41
Methacrylonitrile
Concen: 16.666 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion:	41	Resp:	31913
Ion	Ratio	Lower	Upper
41	100		
39	128.7	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

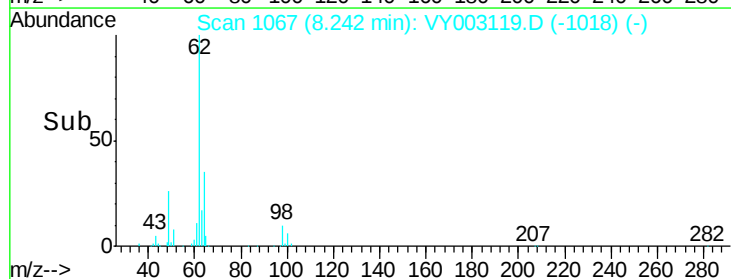
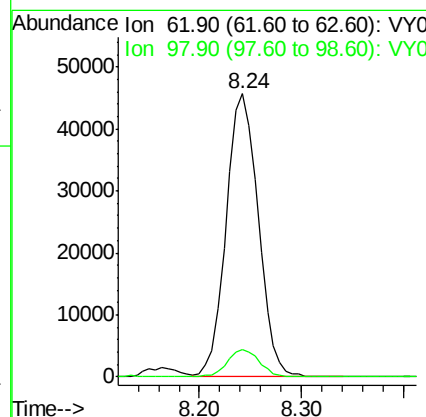
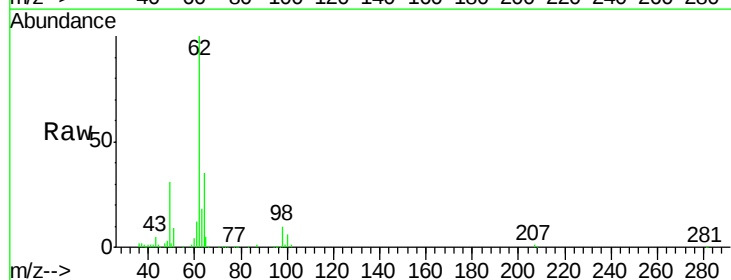
Manual Integrations
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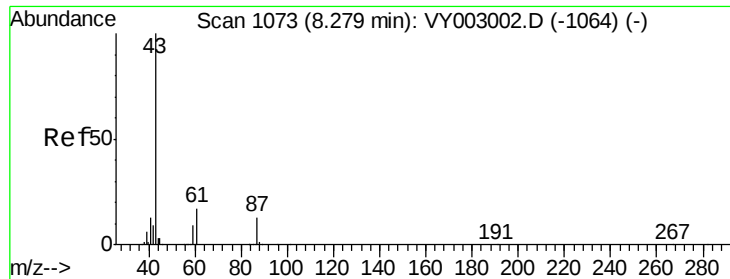
MMDadoda
7/8/2020 12:20:35 PM



#42
1,2-Dichloroethane
Concen: 19.315 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion:	62	Resp:	99738
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43

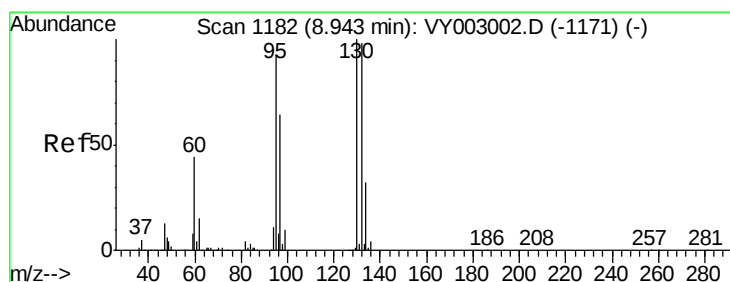
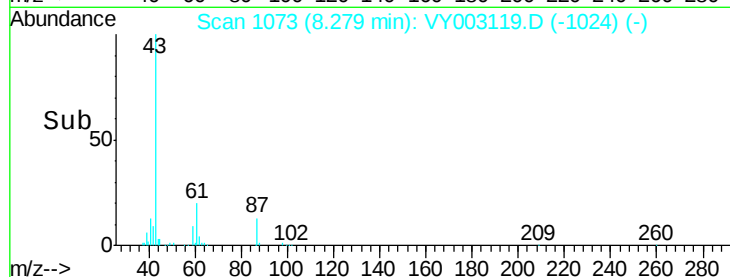
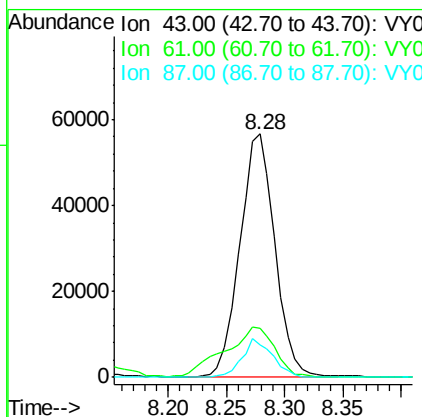
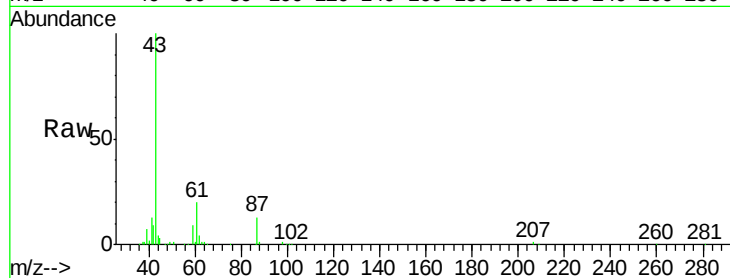
Isopropyl Acetate
 Concen: 17.390 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	21.8	32.6
87	14.0	10.1	15.1

Manual Integrations
 APPROVED

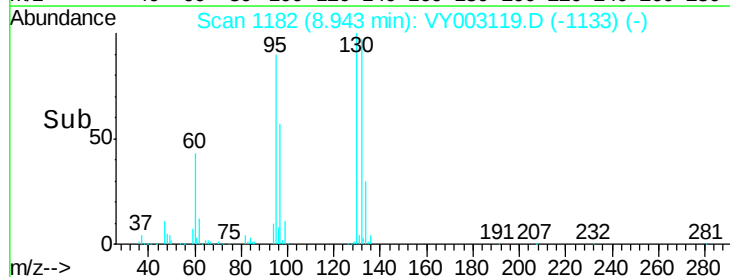
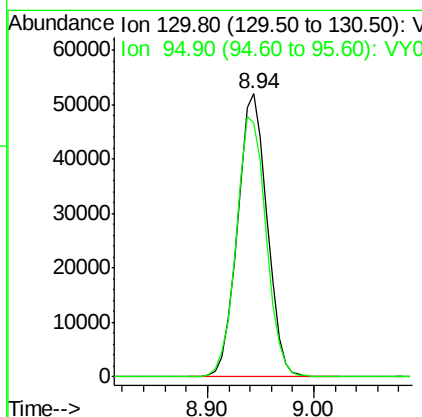
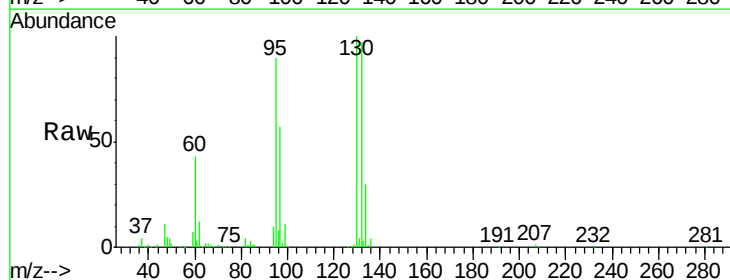
MMDadoda
 7/8/2020 12:20:35 PM

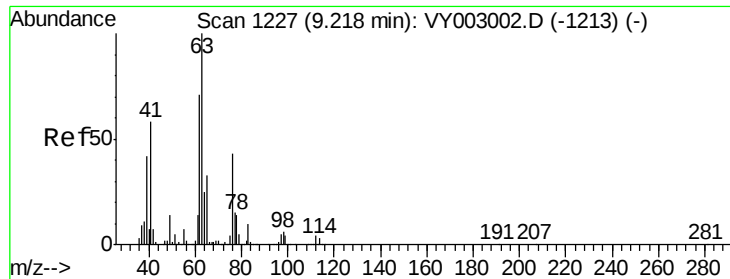


#44

Trichloroethene
 Concen: 21.373 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.9	0.0	186.4





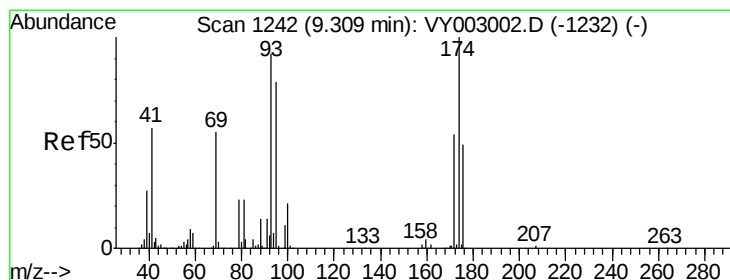
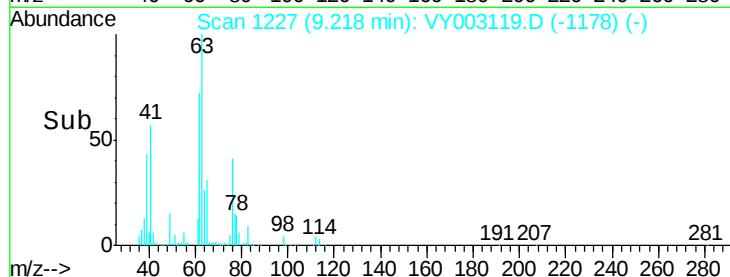
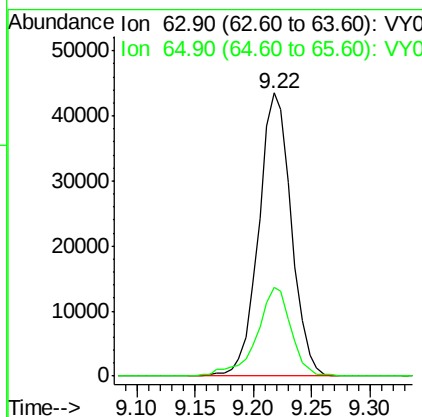
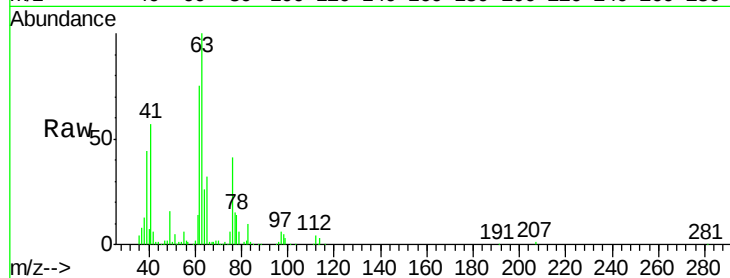
#45
 1,2-Dichloropropane
 Concen: 19.322 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	26.2	39.4

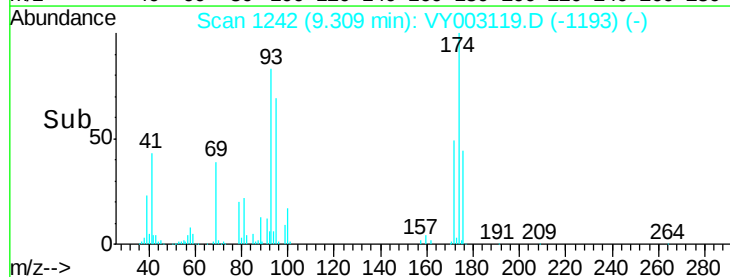
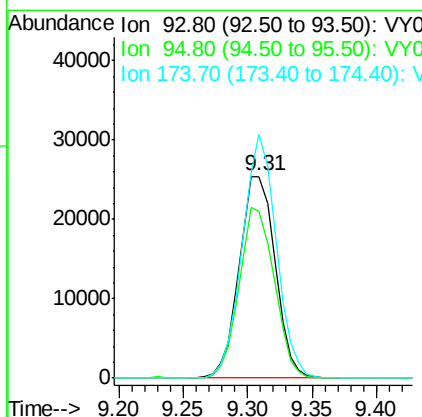
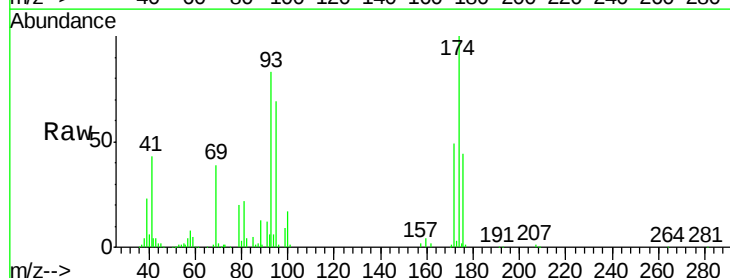
Manual Integrations
 APPROVED

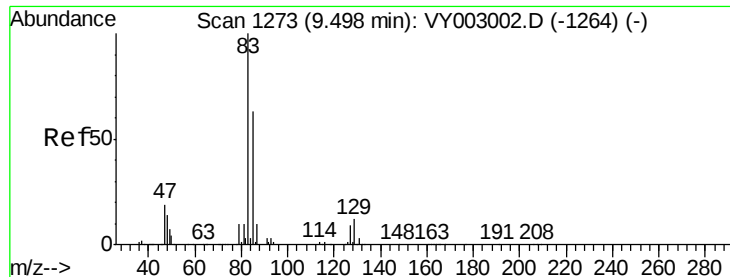
MMDadoda
 7/8/2020 12:20:35 PM



#46
 Dibromomethane
 Concen: 20.081 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	67.6	101.4
174	113.6	88.3	132.5





#47

Bromodichloromethane

Concen: 20.273 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

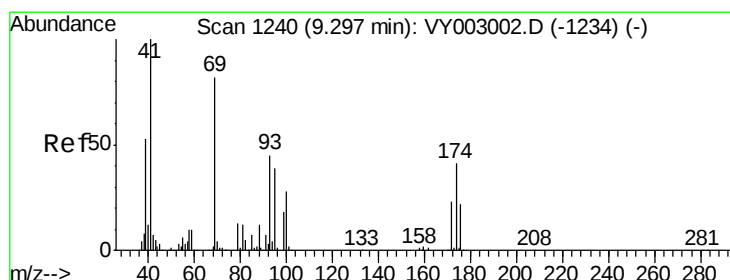
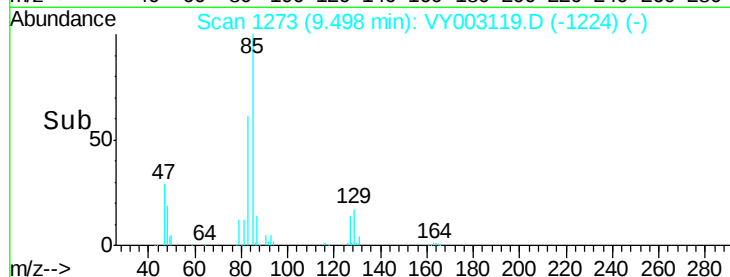
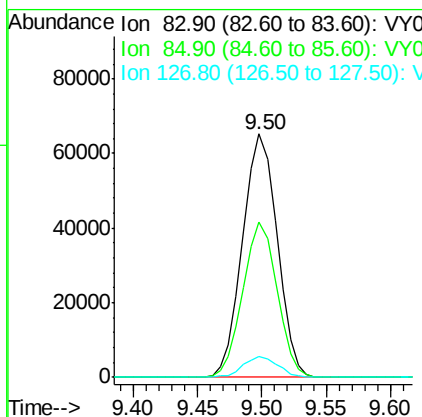
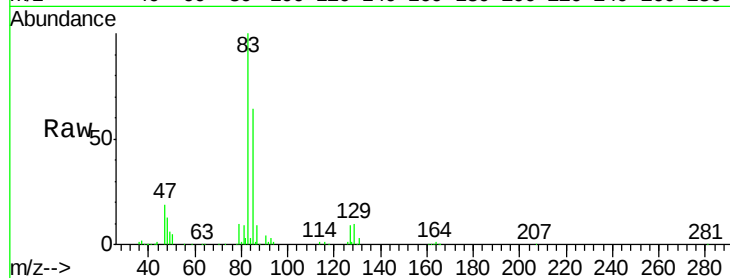
ClientSampleId :

VY0707SBS01

Tot Ion:	83	Resp:	121754
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.5	75.7
127	8.8	7.0	10.4

Manual Integrations
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MMDadoda
7/8/2020 12:20:35 PM



#48

Methyl methacrylate

Concen: 17.292 ug/l

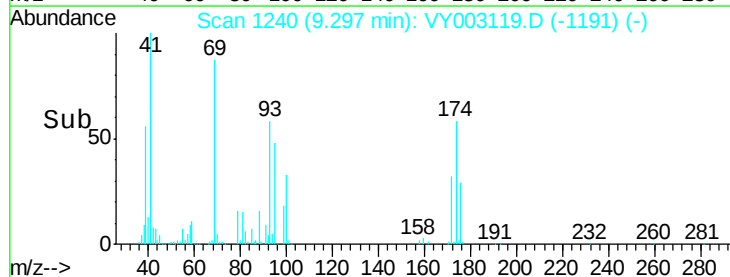
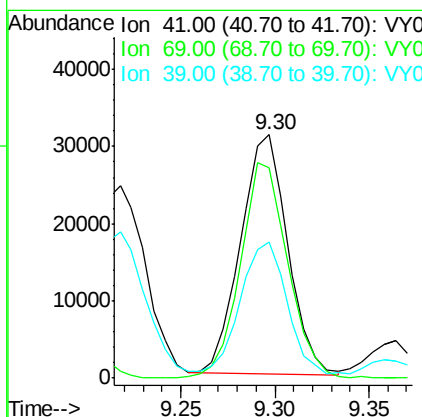
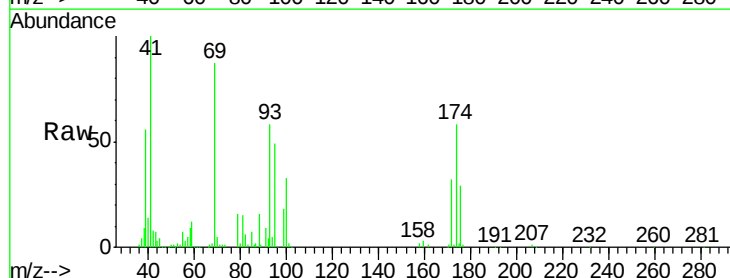
RT: 9.30 min Scan# 1240

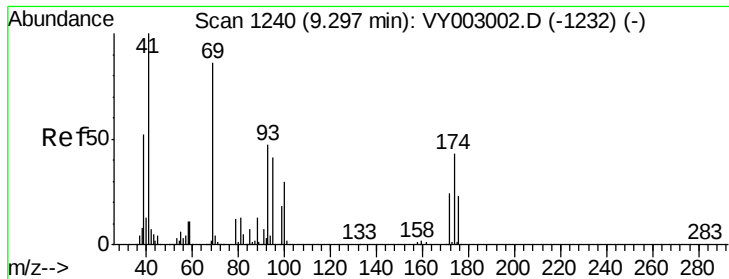
Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion:	41	Resp:	53637
Ion	Ratio	Lower	Upper
41	100		
69	91.0	67.7	101.5
39	59.8	45.0	67.4





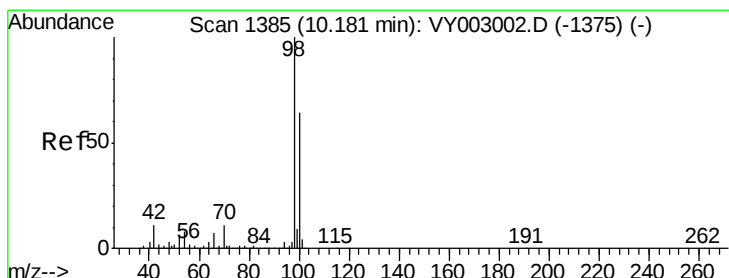
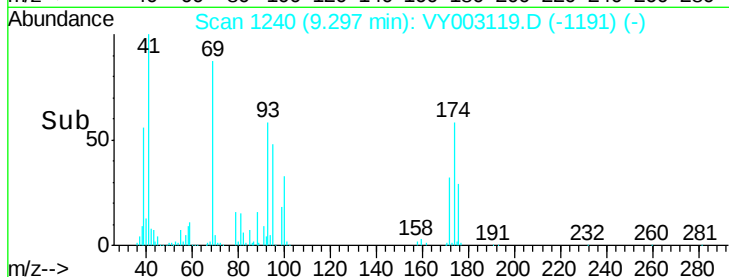
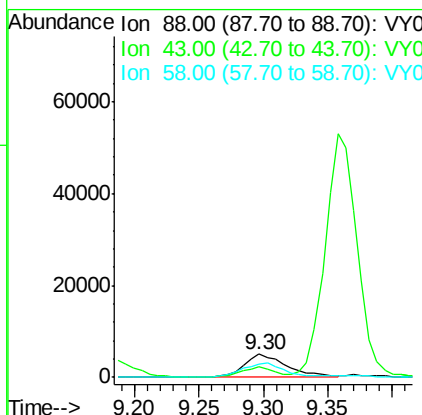
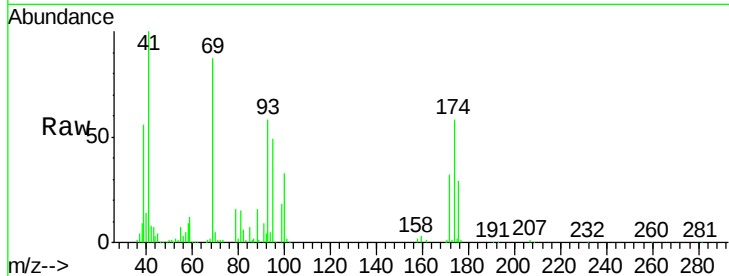
#49
1,4-Dioxane
Concen: 387.881 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.6	42.8
58	60.3	56.7	85.1

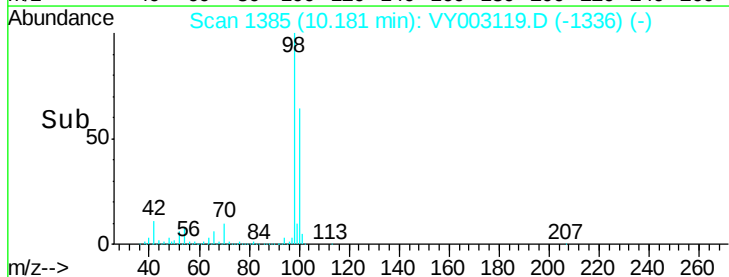
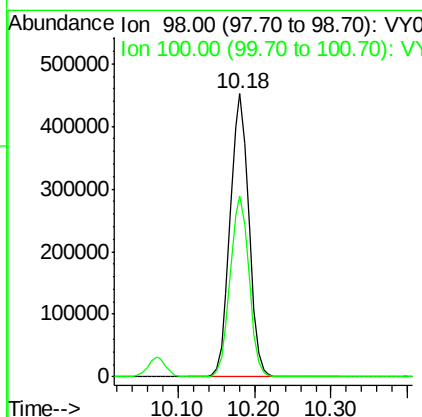
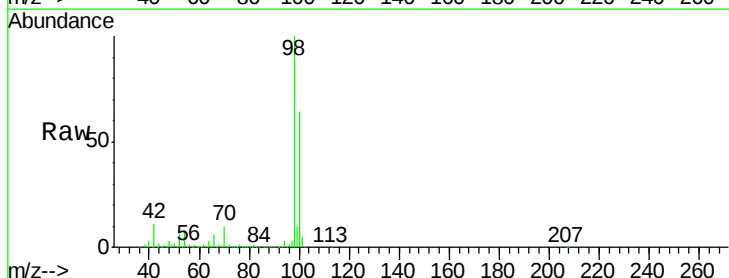
Manual Integrations
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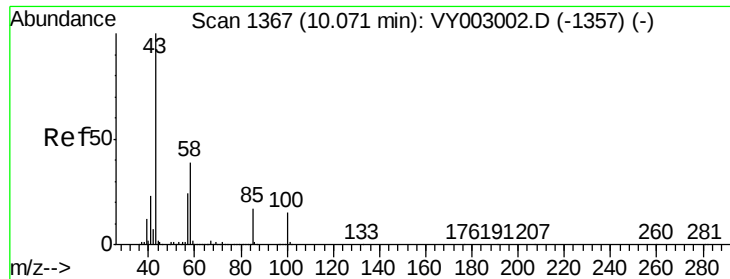
MMDadoda
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#50
Toluene-d8
Concen: 53.164 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 88.200 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 43 Resp: 310663

Ion Ratio Lower Upper

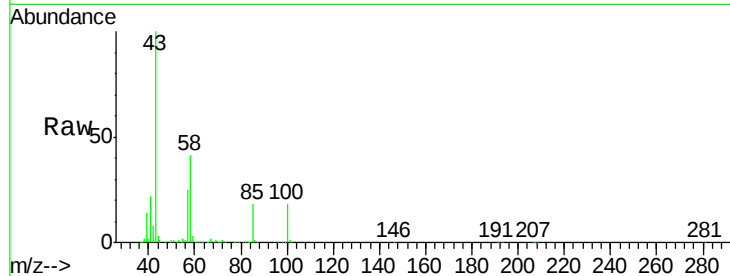
43 100

58 39.7 31.1 46.7

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

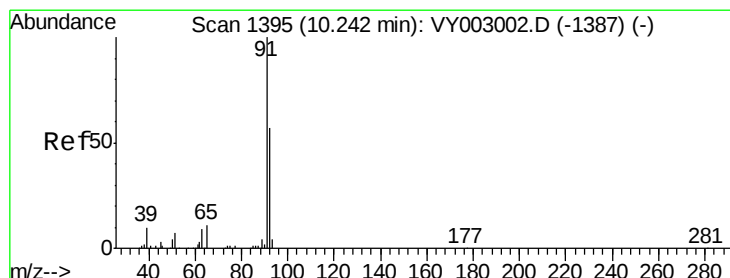
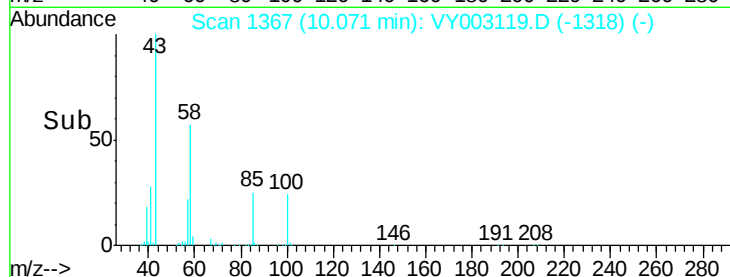
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.573 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003119.D

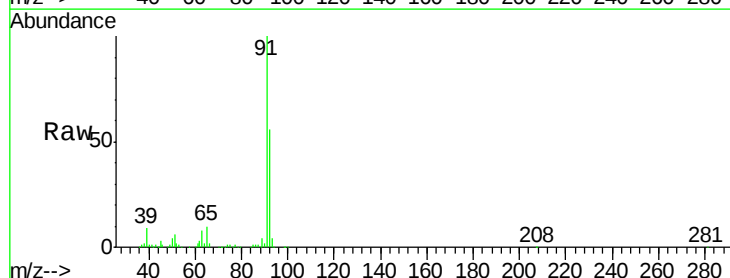
Acq: 07 Jul 2020 12:03

Tgt Ion: 92 Resp: 211395

Ion Ratio Lower Upper

92 100

91 175.2 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

250000

200000

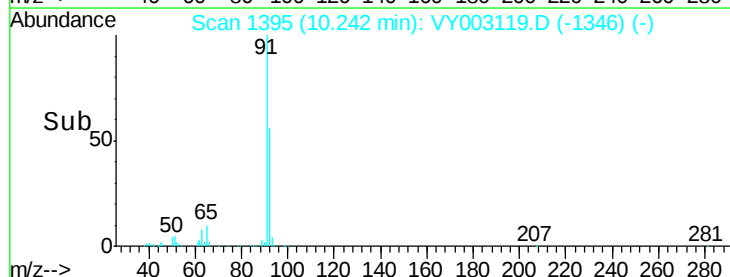
150000

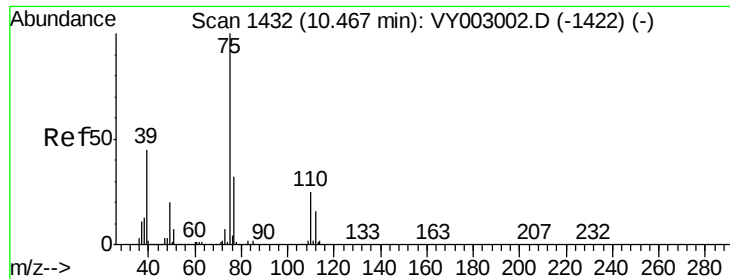
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.157 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 75 Resp: 120625

Ion Ratio Lower Upper

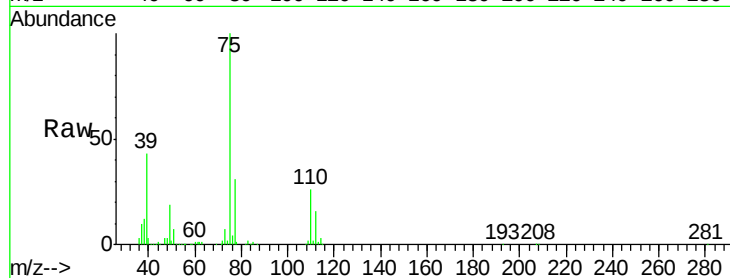
75 100

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

80000

60000

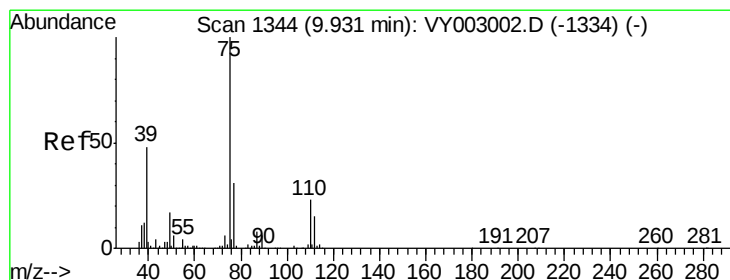
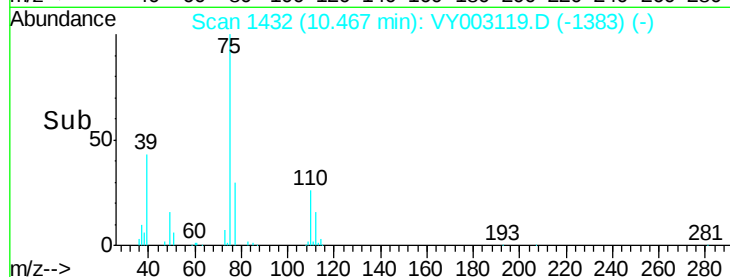
40000

20000

0

10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.298 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

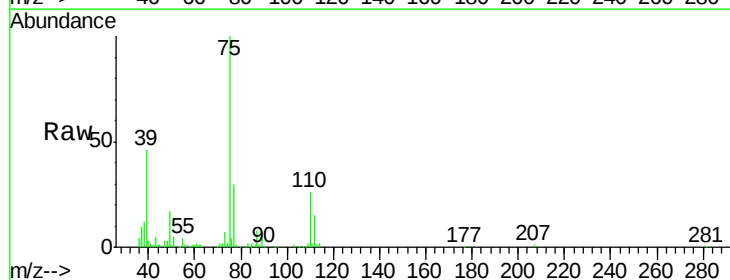
Tgt Ion: 75 Resp: 138965

Ion Ratio Lower Upper

75 100

77 30.3 24.6 37.0

39 45.6 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

100000

80000

60000

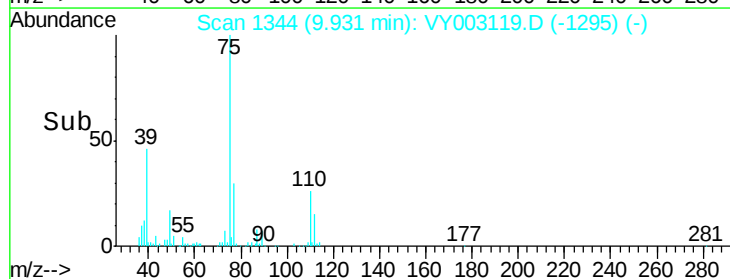
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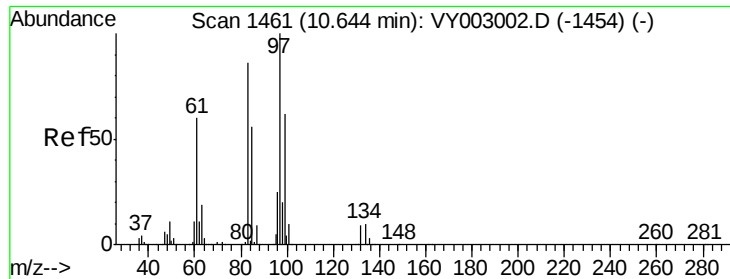
20000

0

9.90 10.00

Time-->





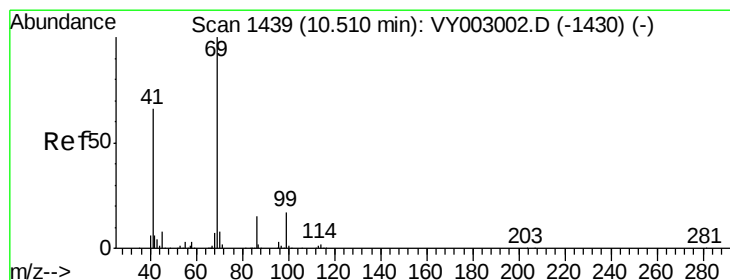
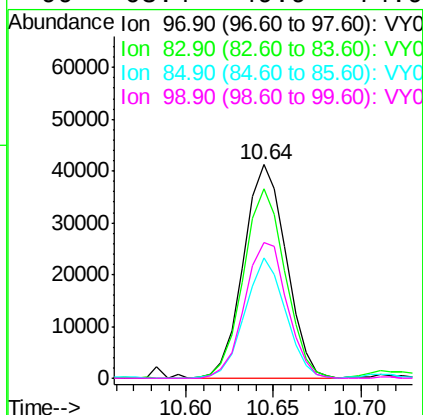
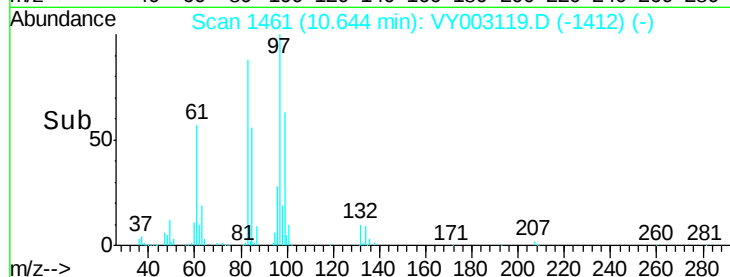
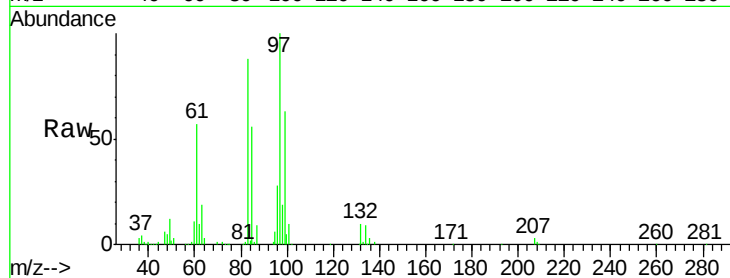
#55
 1,1,2-Trichloroethane
 Concen: 20.597 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion:	97	Resp:	70200
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.0	103.6
85	56.2	44.8	67.2
99	63.4	49.9	74.9

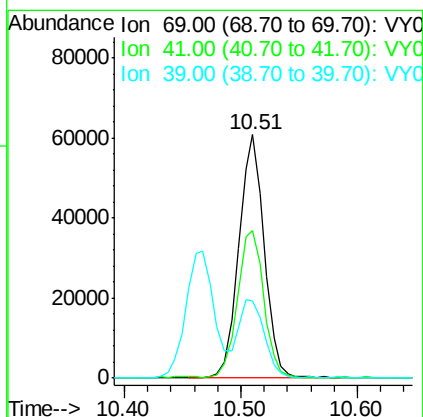
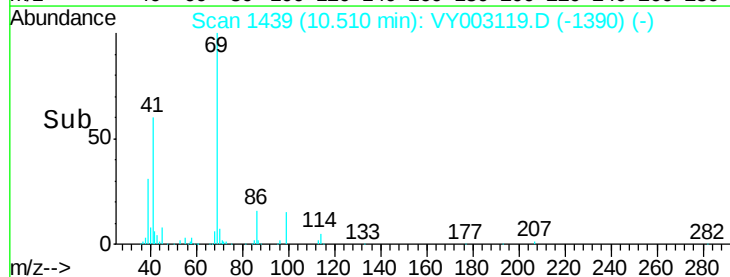
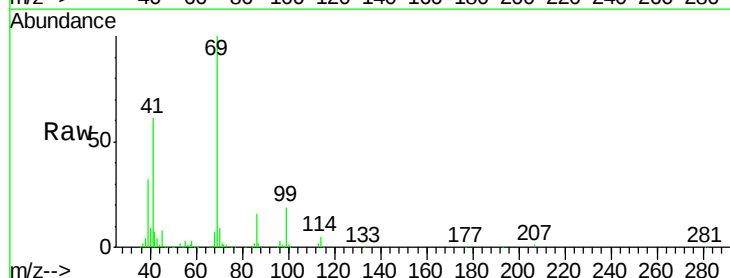
Manual Integrations
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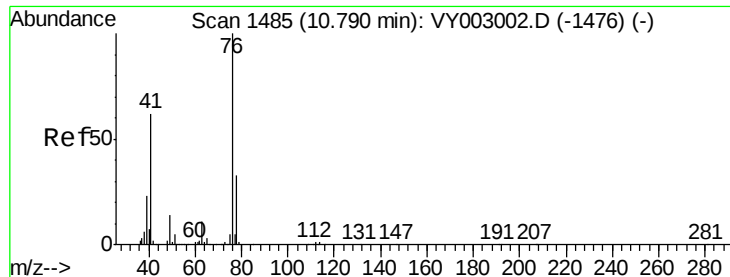
MMDadoda
 7/8/2020 12:20:35 PM



#56
 Ethyl methacrylate
 Concen: 18.717 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion:	69	Resp:	92341
Ion	Ratio	Lower	Upper
69	100		
41	62.3	53.7	80.5
39	31.8	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.819 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 76 Resp: 118579

Ion Ratio Lower Upper

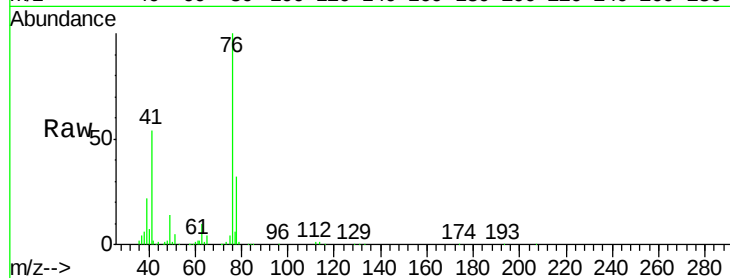
76 100

78 32.3 26.0 39.0

Manual Integrations
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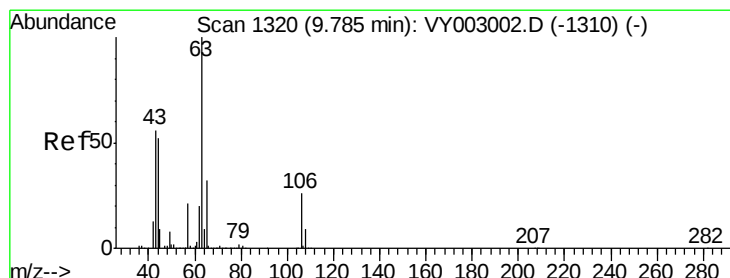
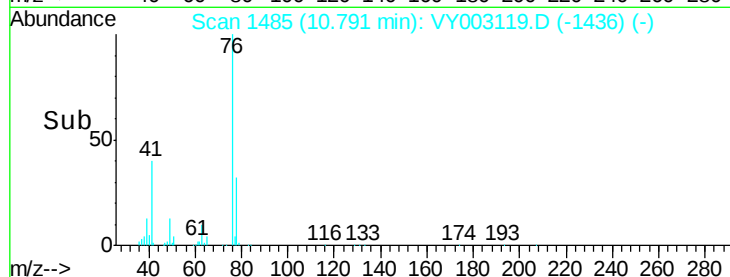
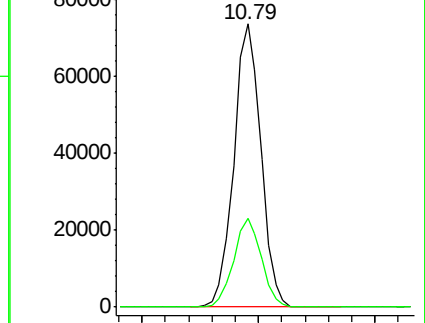
MMDadoda

7/8/2020 12:20:35 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 88.907 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003119.D

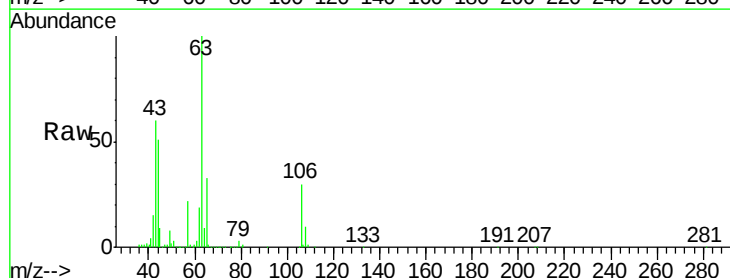
Acq: 07 Jul 2020 12:03

Tgt Ion: 63 Resp: 224960

Ion Ratio Lower Upper

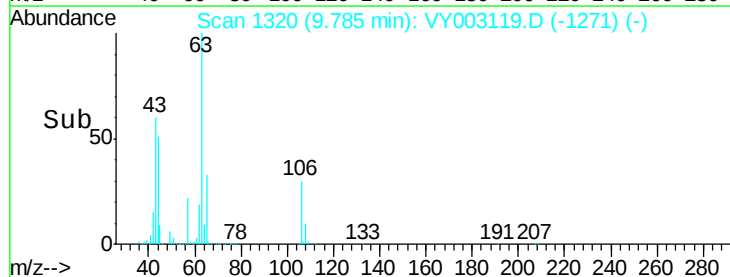
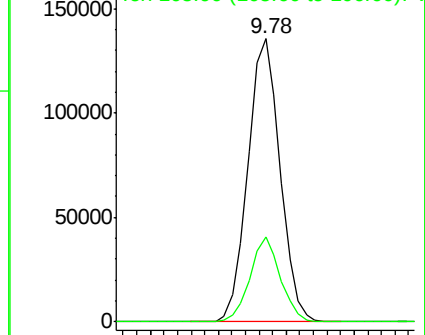
63 100

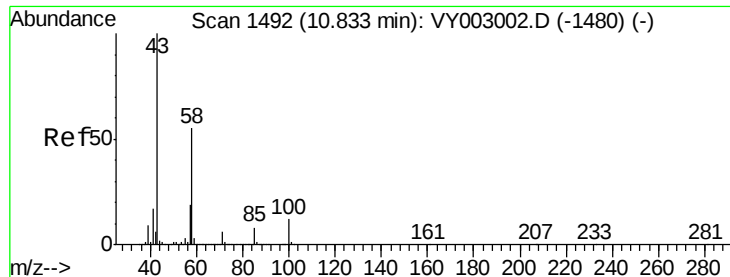
106 28.3 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





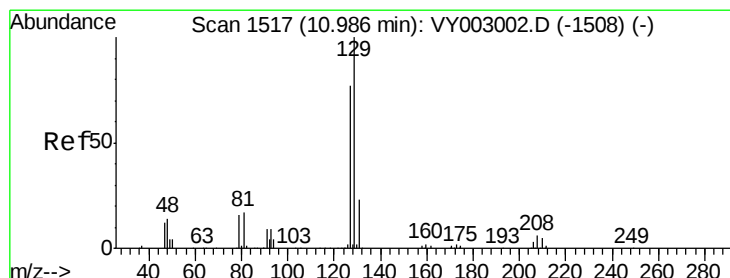
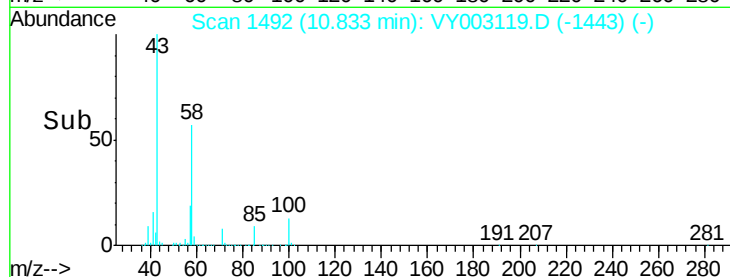
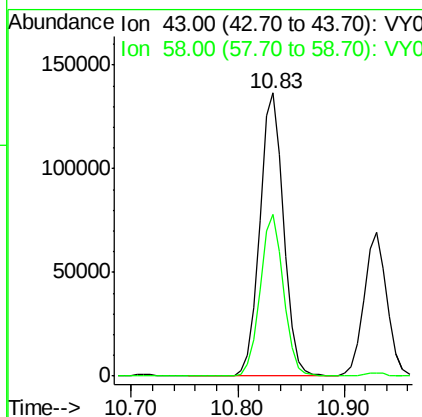
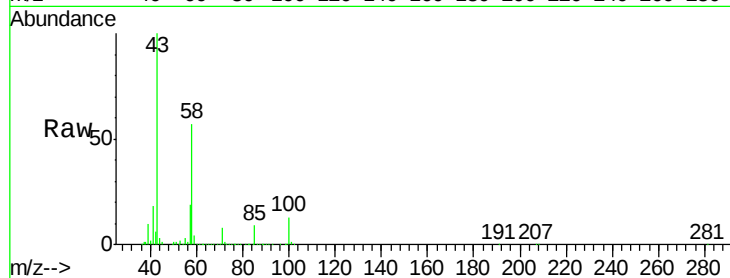
#59
2-Hexanone
Concen: 86.880 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion: 43 Resp: 213893
Ion Ratio Lower Upper
43 100
58 55.9 27.5 82.4

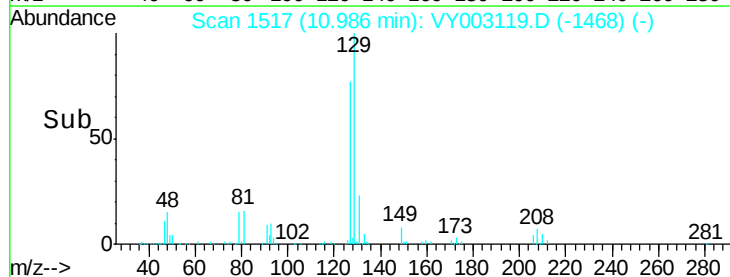
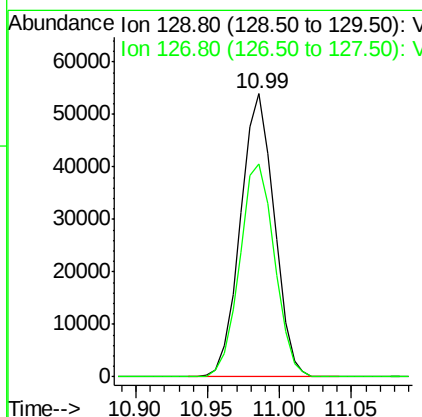
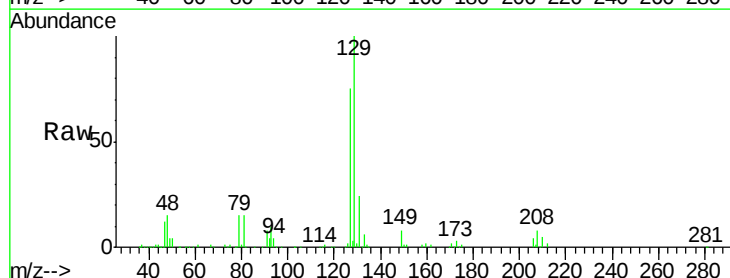
Manual Integrations
APPROVED

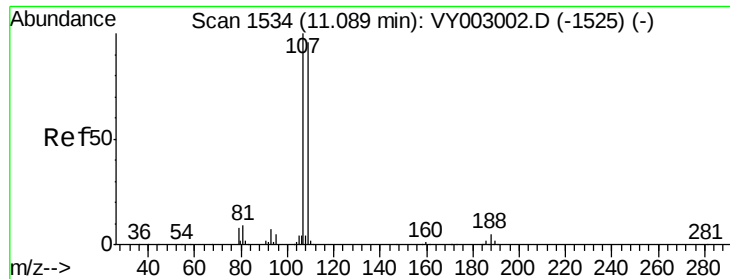
MMDadoda
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#60
Dibromochloromethane
Concen: 20.098 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion: 129 Resp: 87657
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





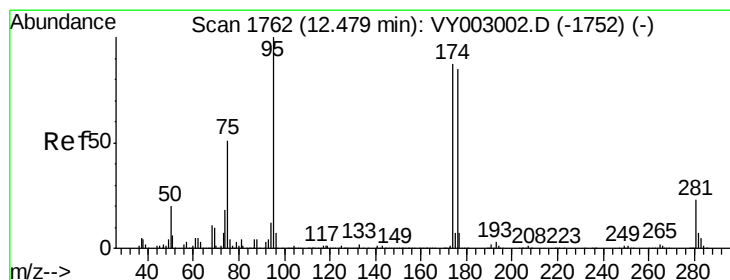
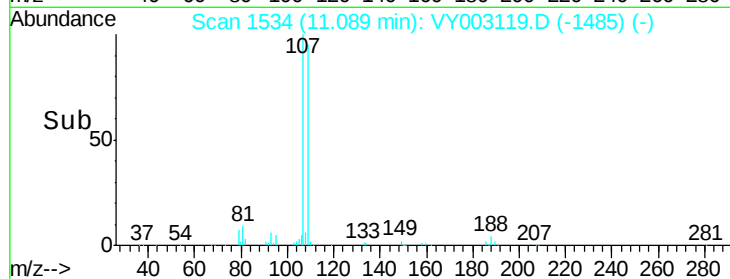
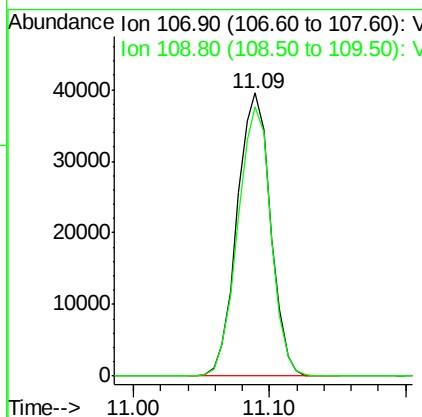
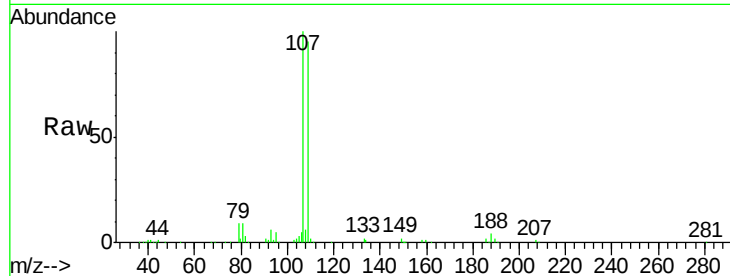
#61
 1,2-Dibromoethane
 Concen: 20.159 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.8	113.8

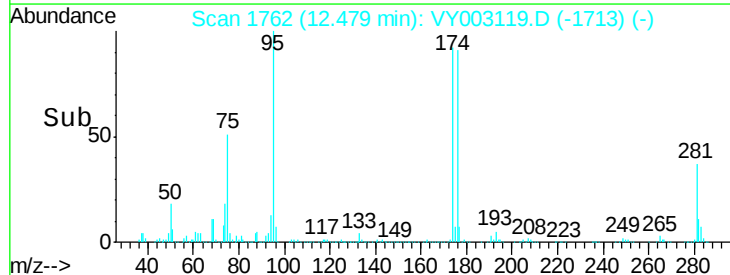
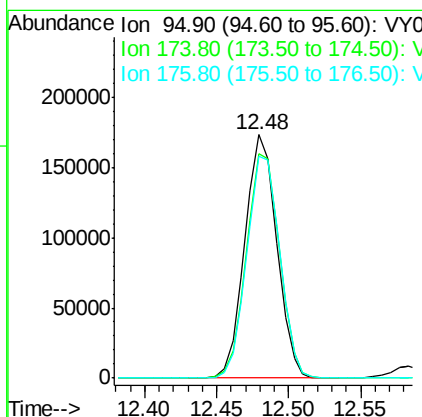
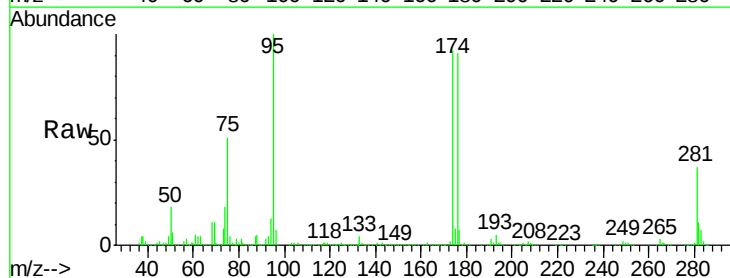
Manual Integrations
 APPROVED

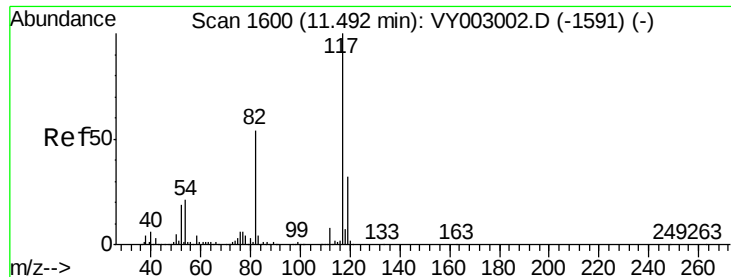
MMDadoda
 7/8/2020 12:20:35 PM



#62
 4-Bromofluorobenzene
 Concen: 52.586 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	184.8
176	94.0	0.0	183.0





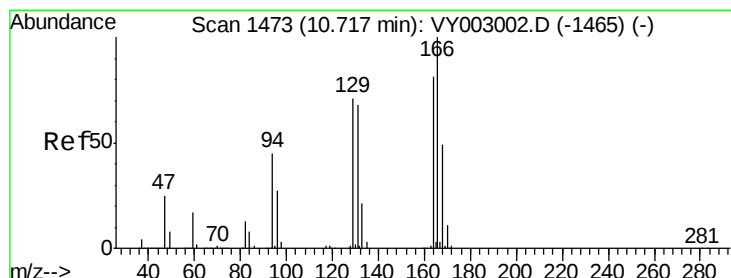
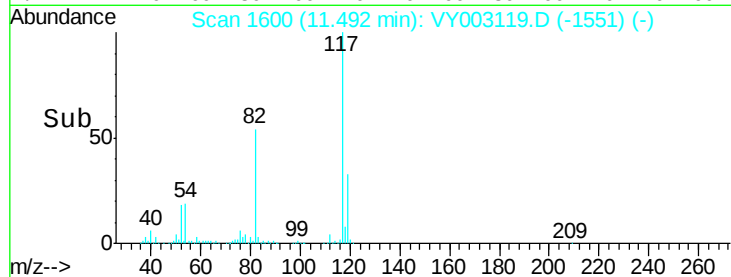
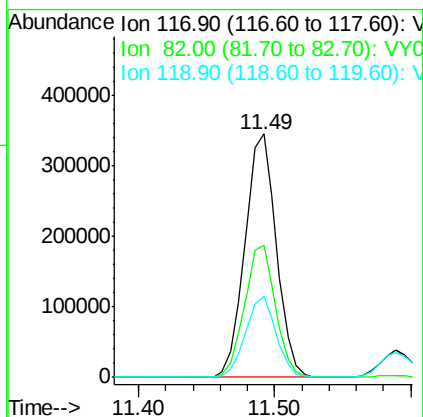
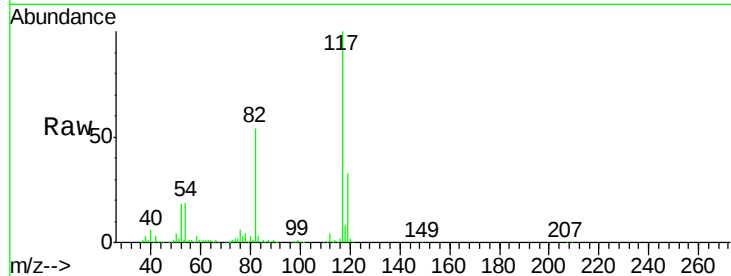
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	556441		
82	54.5		43.0	64.6
119	33.4		25.8	38.8

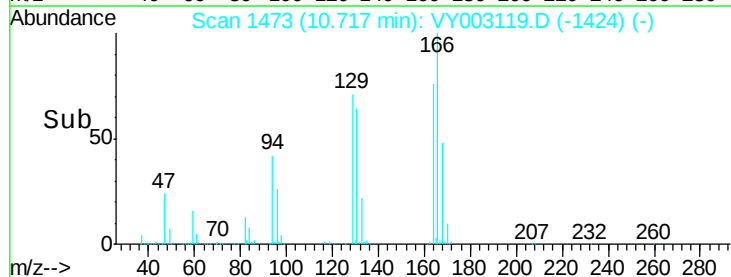
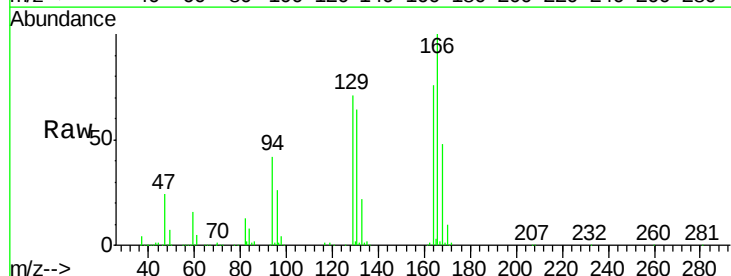
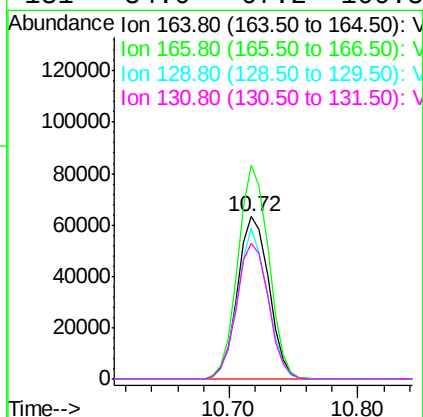
Manual Integrations
APPROVED

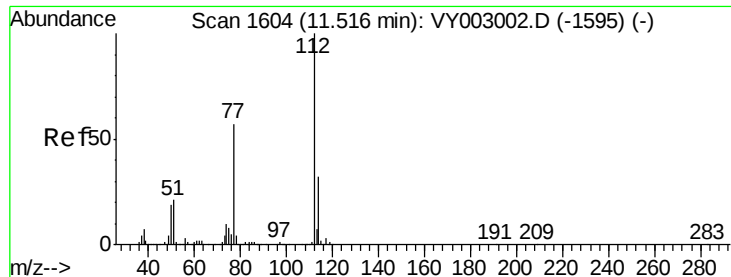
MMDadoda
7/8/2020 12:20:35 PM



#64
Tetrachloroethene
Concen: 22.754 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107157		
166	131.7		98.5	147.7
129	93.1		69.7	104.5
131	84.0		67.2	100.8





#65

Chlorobenzene

Concen: 21.406 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion:112 Resp: 234863

Ion Ratio Lower Upper

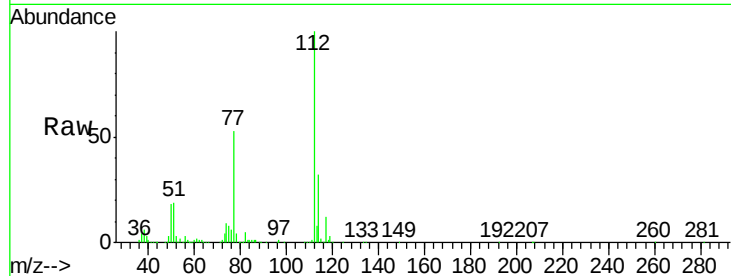
112 100

114 31.8 25.7 38.5

Manual Integrations
APPROVED

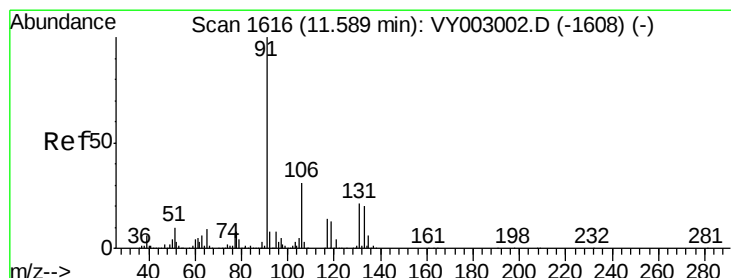
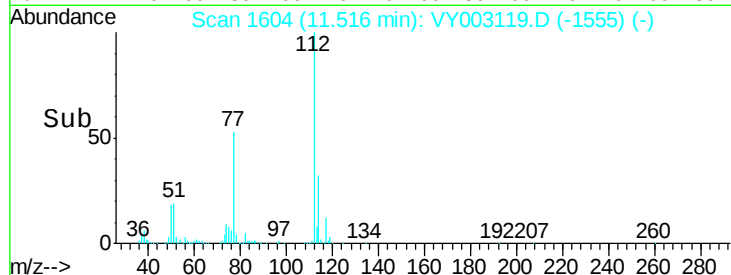
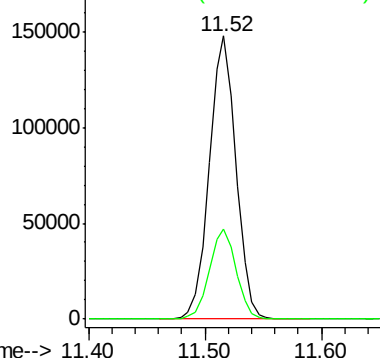
MMDadoda

7/8/2020 12:20:35 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.023 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

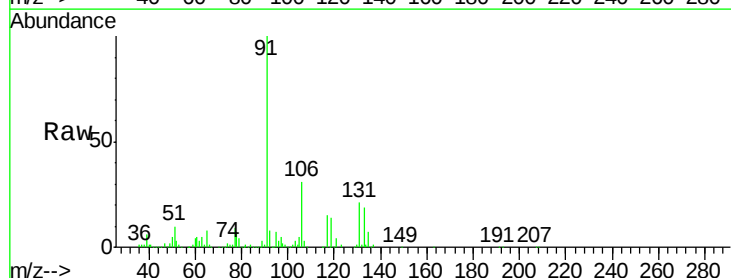
Tgt Ion:131 Resp: 90057

Ion Ratio Lower Upper

131 100

133 92.5 47.9 143.8

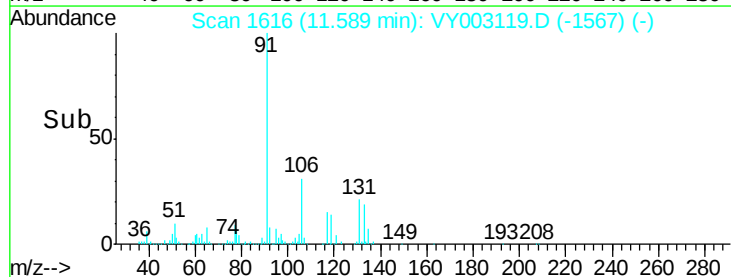
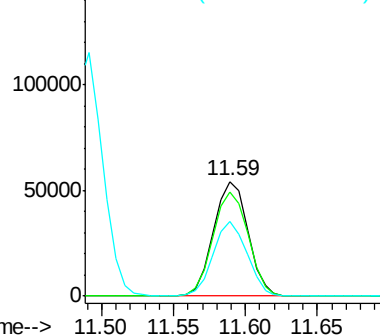
119 64.1 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.530 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 91 Resp: 412091

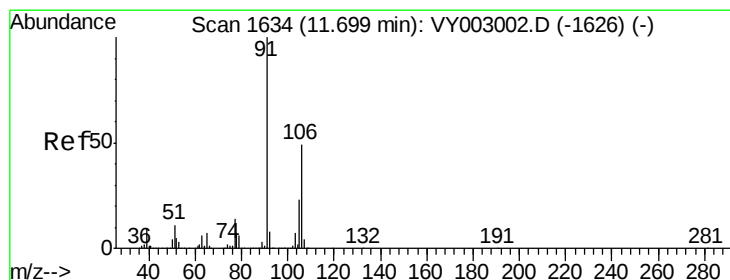
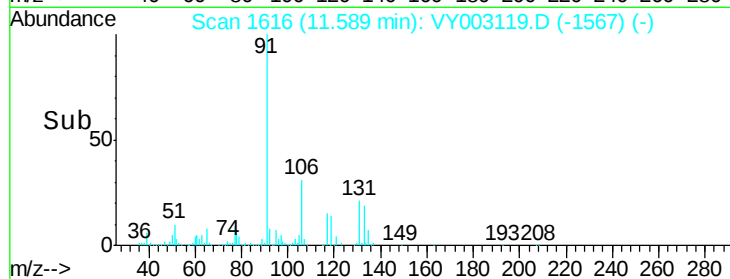
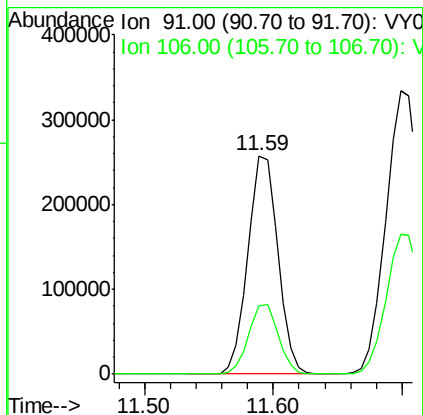
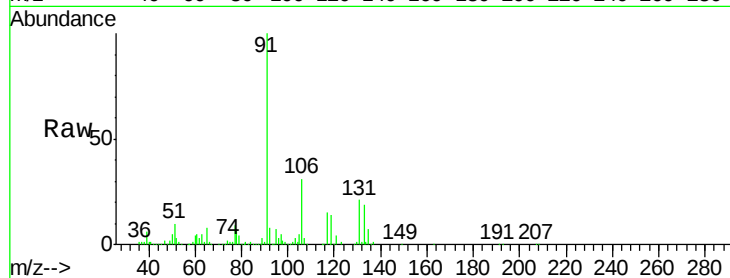
Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 41.737 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003119.D

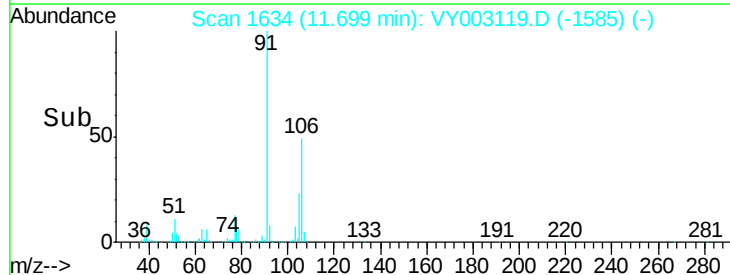
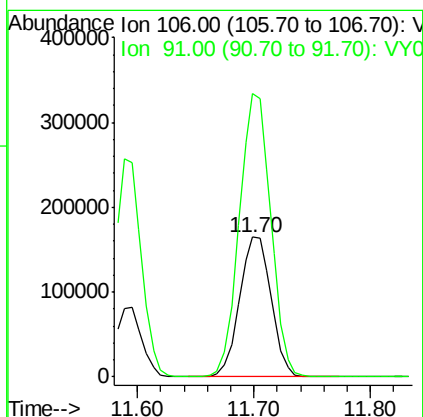
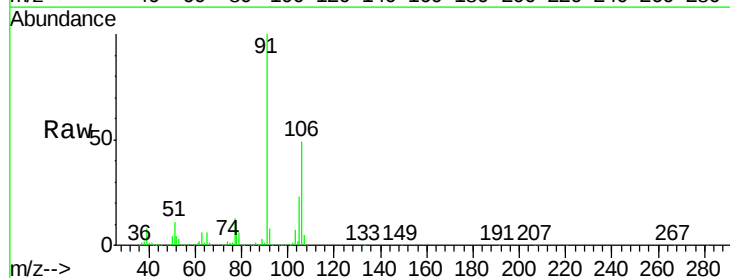
Acq: 07 Jul 2020 12:03

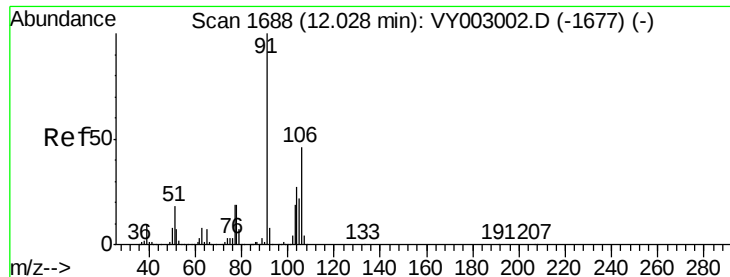
Tgt Ion: 106 Resp: 311798

Ion Ratio Lower Upper

106 100

91 201.5 161.9 242.9





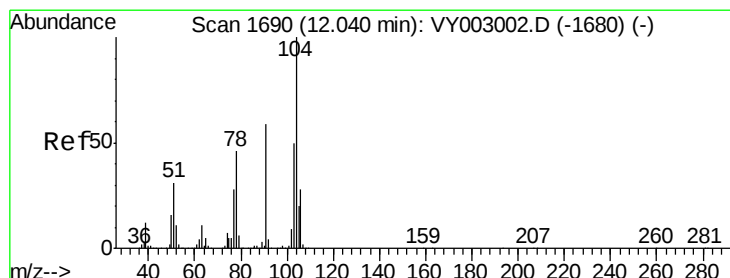
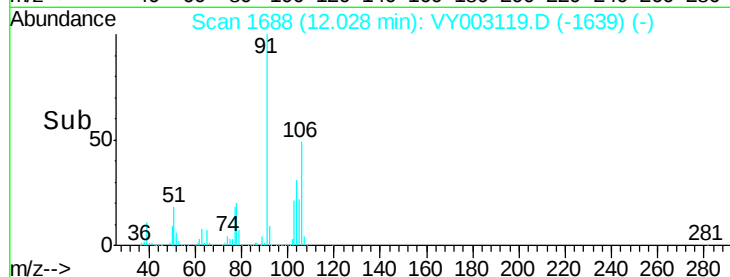
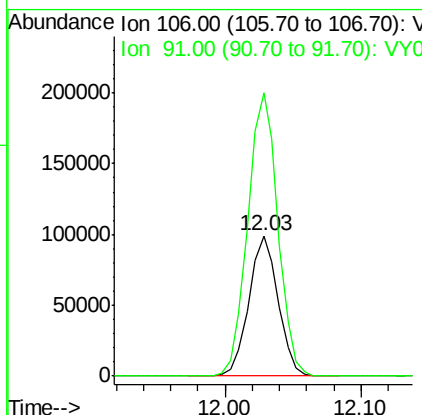
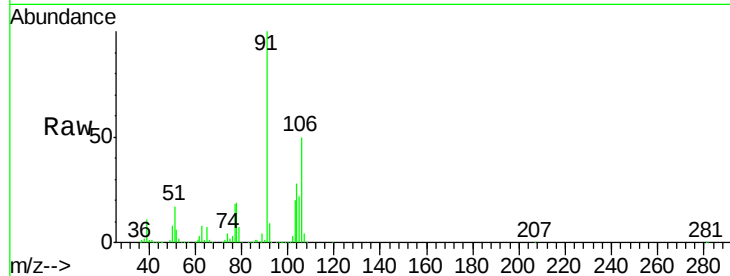
#69
o-Xylene
Concen: 21.211 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampled :
VY0707SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	207.7	107.9	323.8	

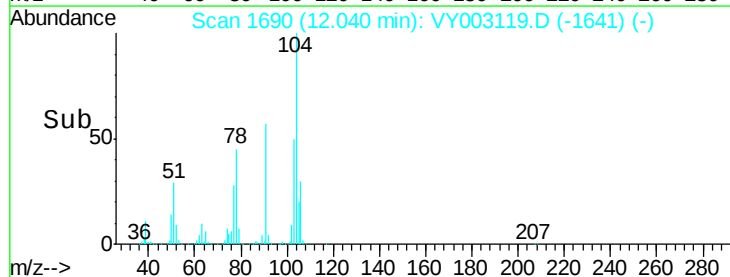
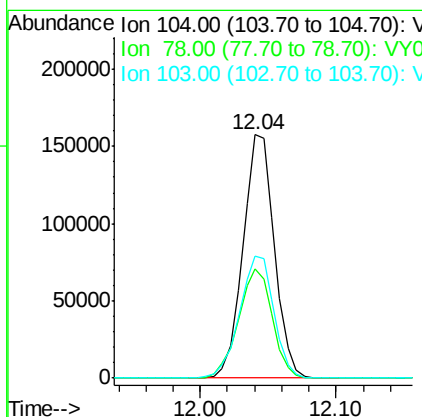
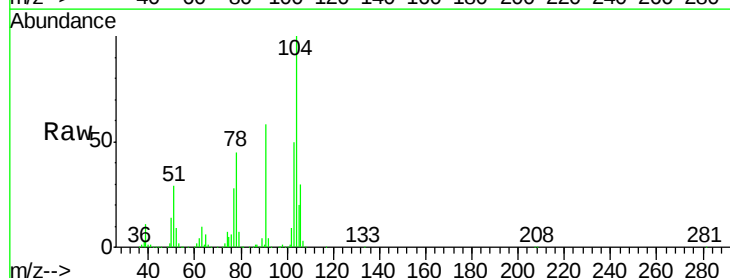
Manual Integrations
APPROVED

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#70
Styrene
Concen: 21.099 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	48.2	40.4	60.6	
103	54.8	44.1	66.1	





#71

Bromoform

Concen: 20.466 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion:173 Resp: 58458

Ion Ratio Lower Upper

173 100

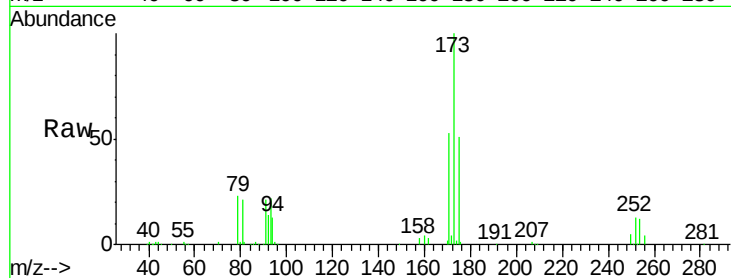
175 48.8 24.6 73.6

254 0.0 0.2 0.2#

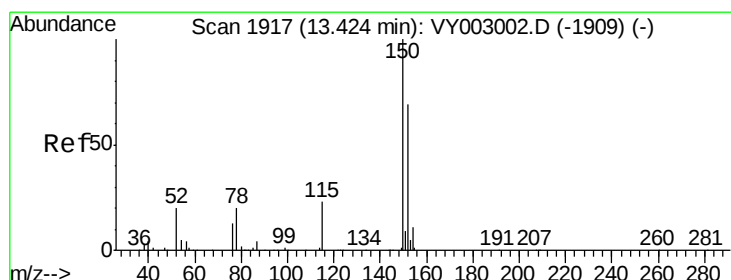
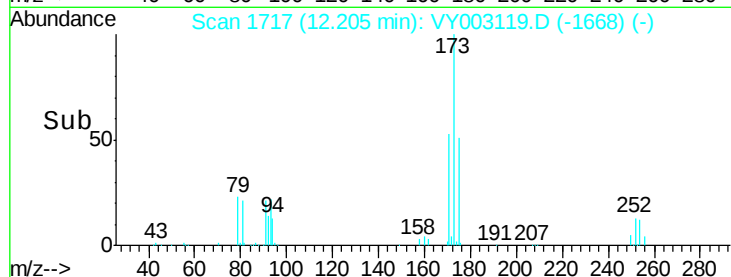
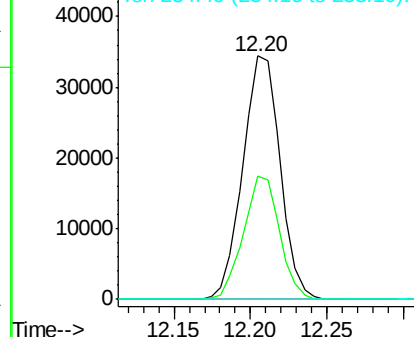
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

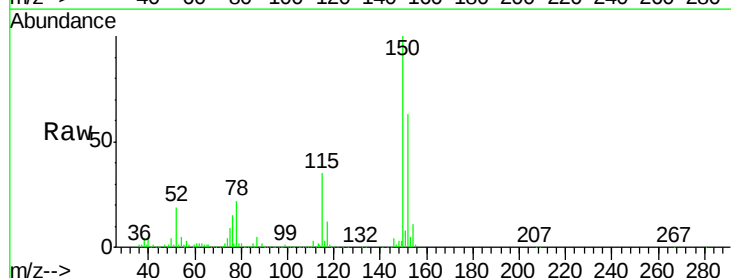
Tgt Ion:152 Resp: 297900

Ion Ratio Lower Upper

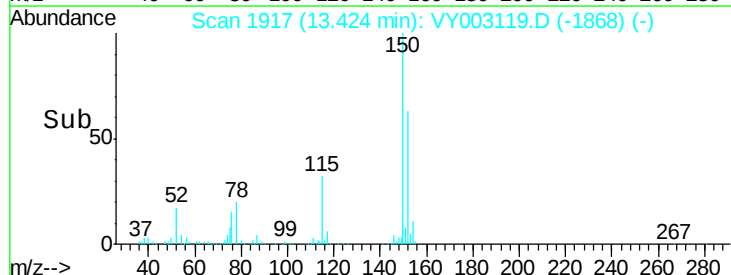
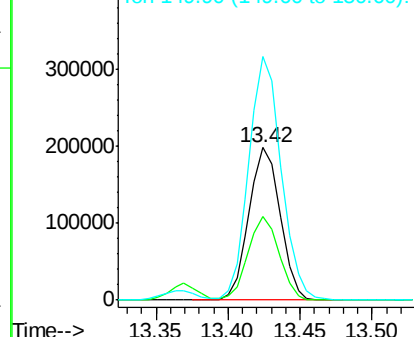
152 100

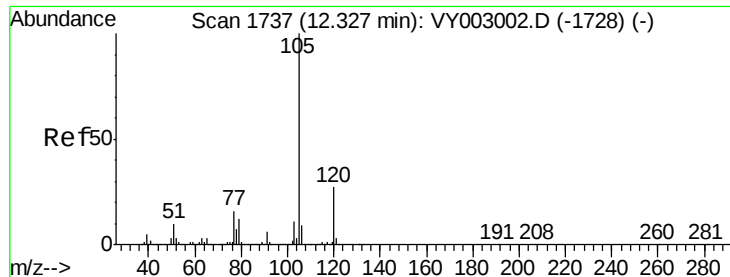
115 54.3 27.3 81.9

150 165.2 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.084 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 105 Resp: 411066

Ion Ratio Lower Upper

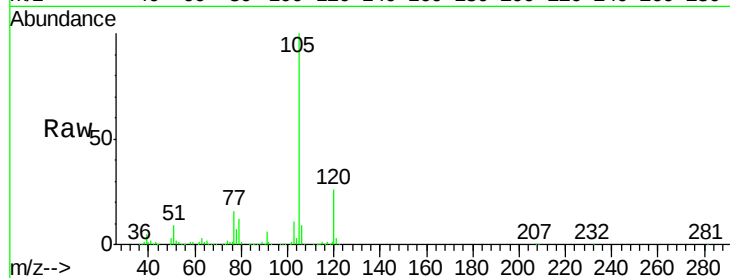
105 100

120 27.1 13.4 40.1

Manual Integrations
APPROVED

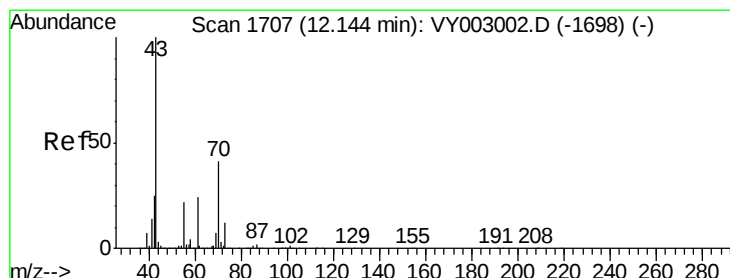
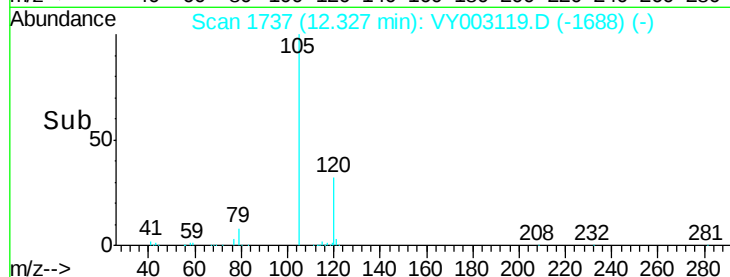
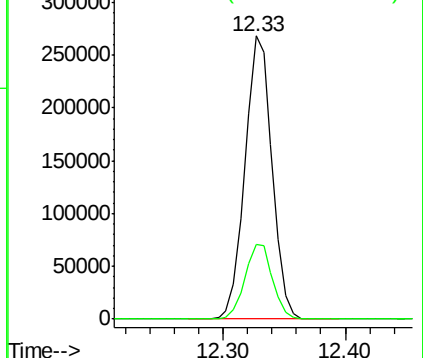
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.762 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion: 43 Resp: 112733

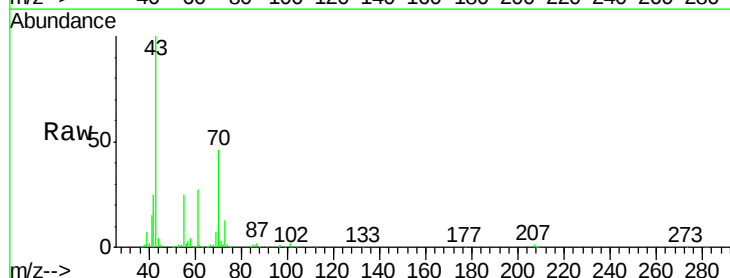
Ion Ratio Lower Upper

43 100

70 44.1 33.0 49.4

55 24.7 18.2 27.2

61 25.4 19.4 29.2

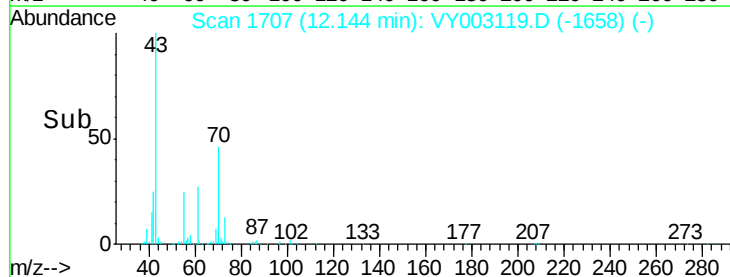
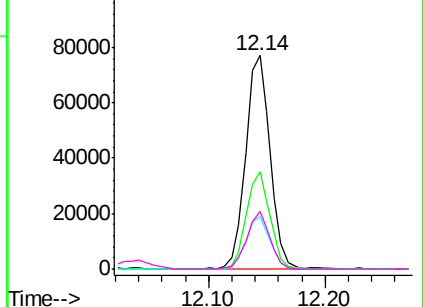


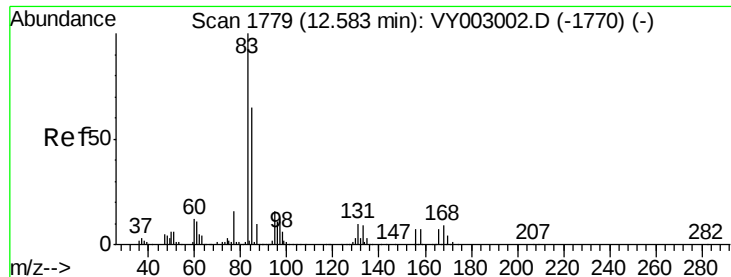
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.446 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

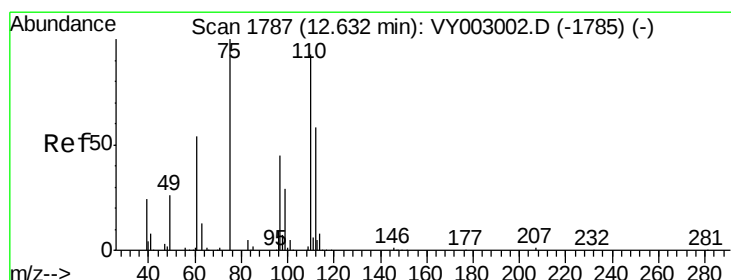
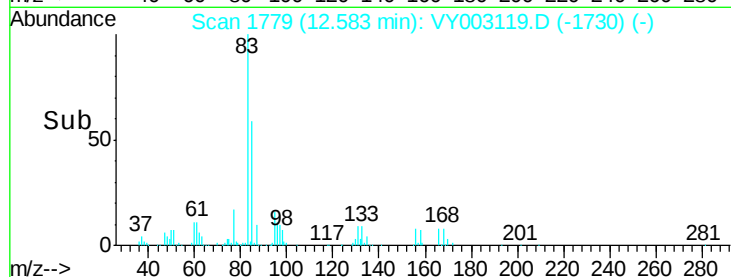
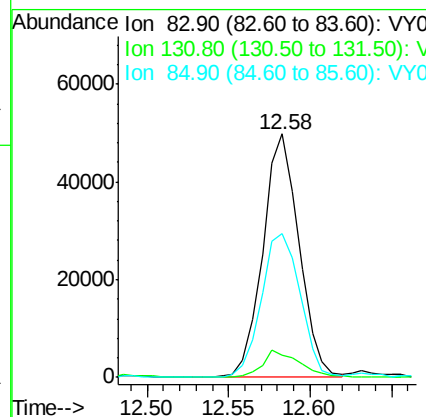
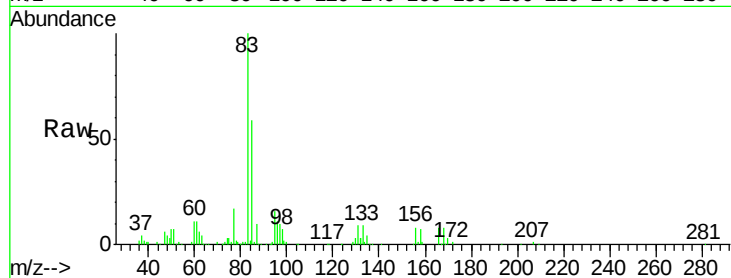
ClientSampleId :

VY0707SBS01

Tot Ion:	83	Resp:	76510
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	63.8	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.132 ug/l m

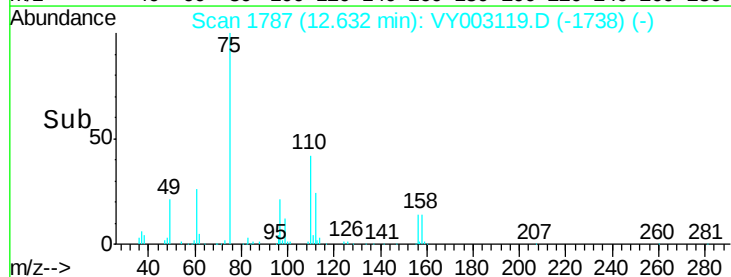
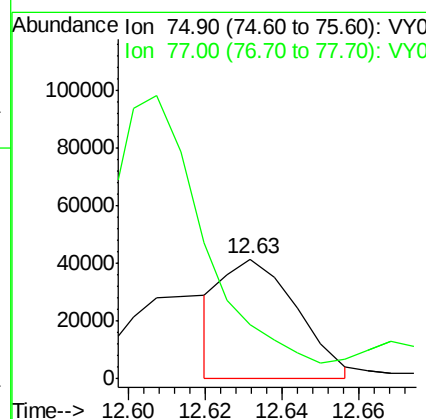
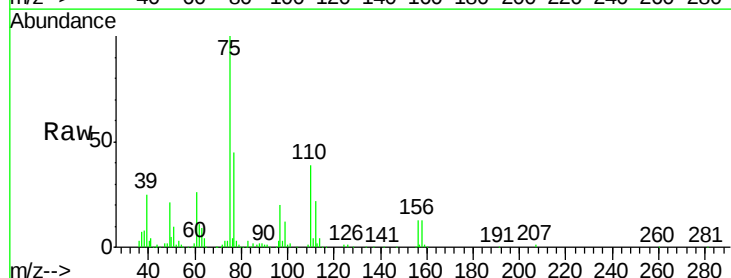
RT: 12.63 min Scan# 1787

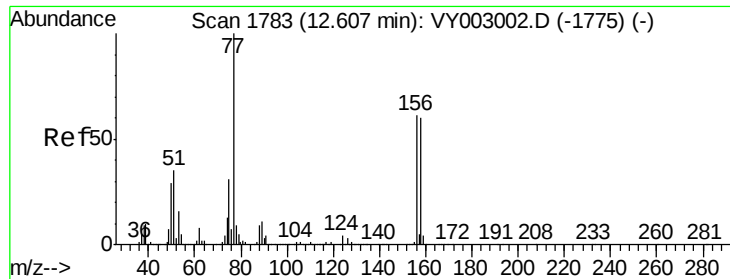
Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion:	75	Resp:	56406
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.762 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

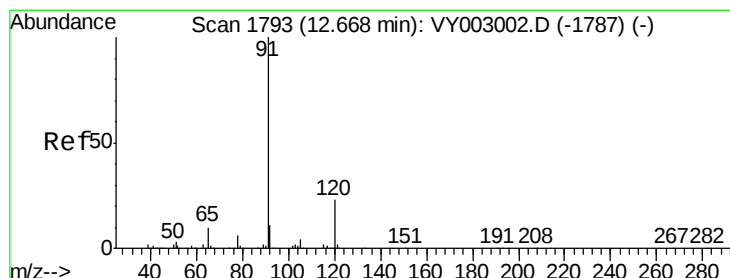
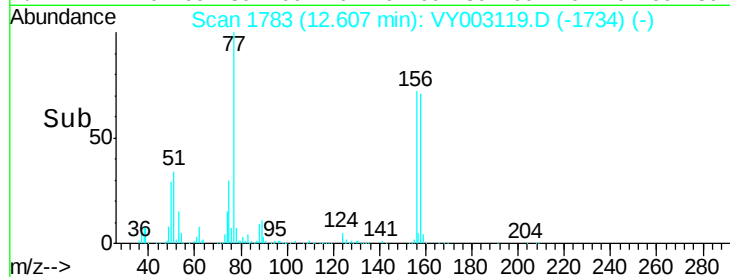
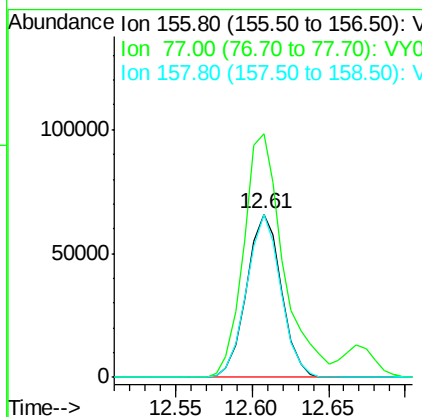
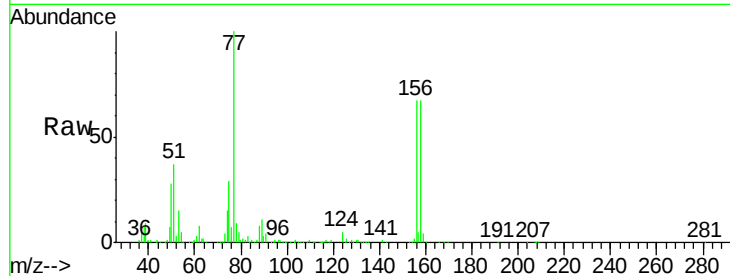
ClientSampleId :

VY0707SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	171.3	90.0	270.0
158	98.1	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 20.917 ug/l

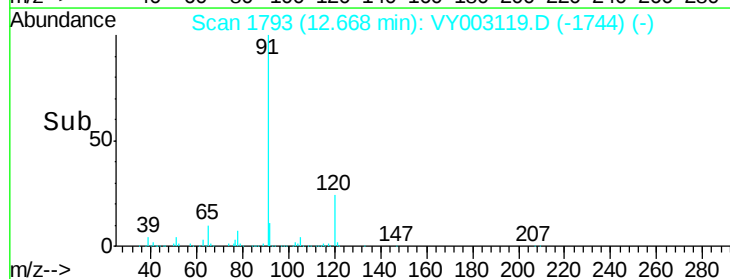
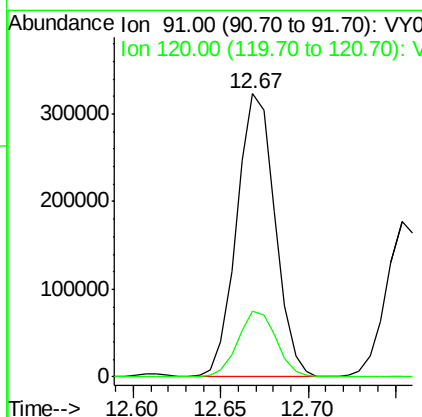
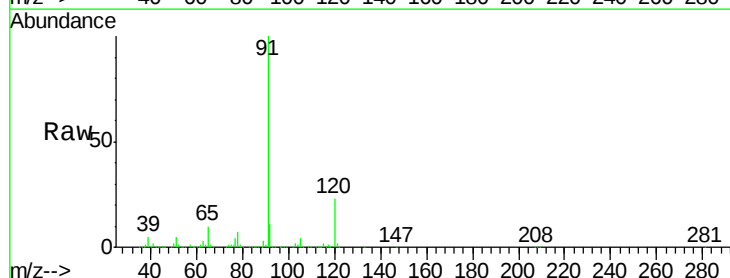
RT: 12.67 min Scan# 1793

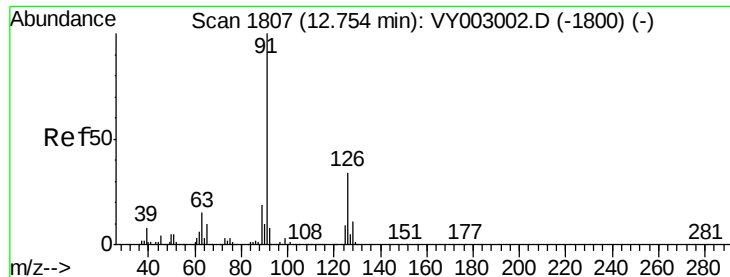
Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.623 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBS01

Tot Ion: 91 Resp: 269905

Ion Ratio Lower Upper

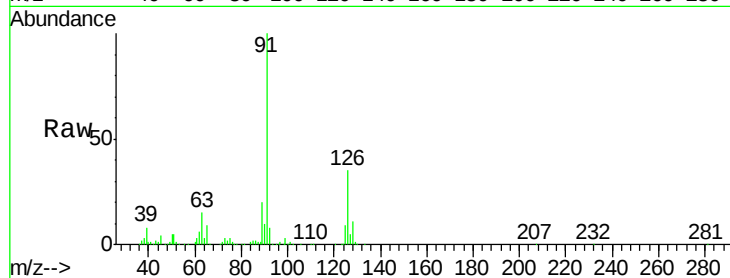
91 100

126 35.8 17.1 51.3

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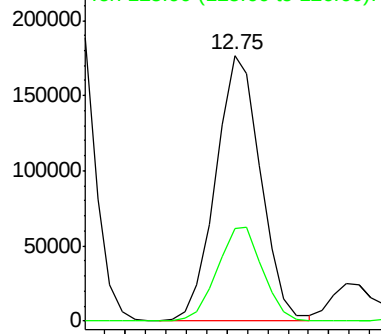
MMDadoda

7/8/2020 12:20:35 PM

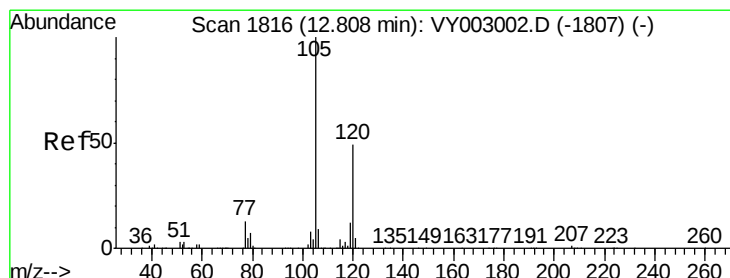
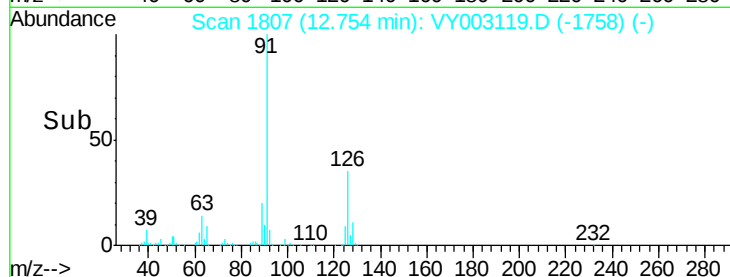


Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.829 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003119.D

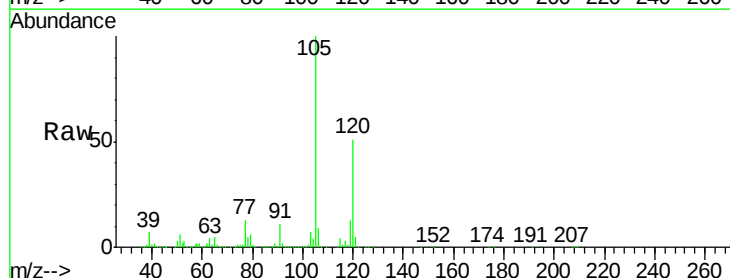
Acq: 07 Jul 2020 12:03

Tgt Ion: 105 Resp: 340762

Ion Ratio Lower Upper

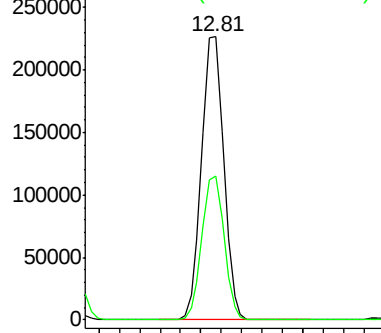
105 100

120 50.8 24.6 73.6

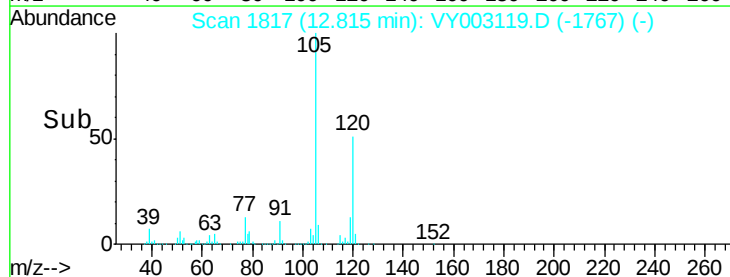


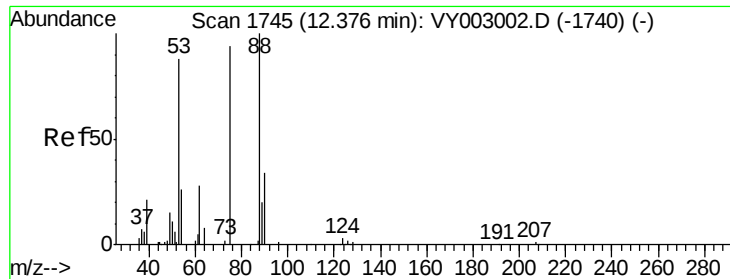
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.853 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

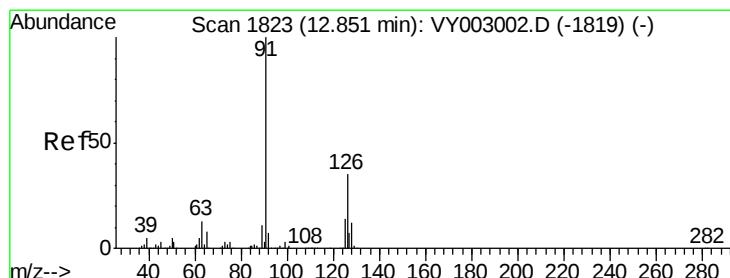
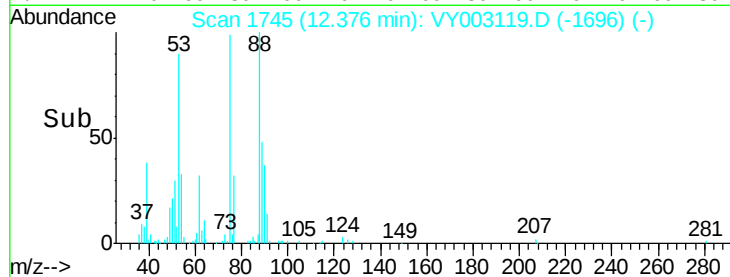
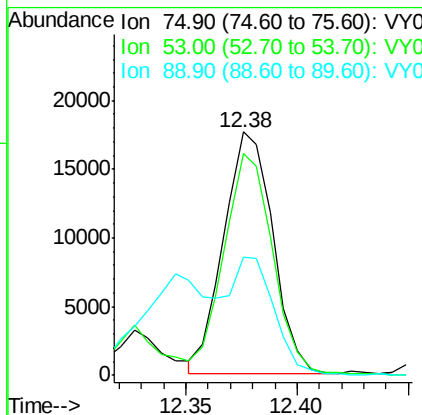
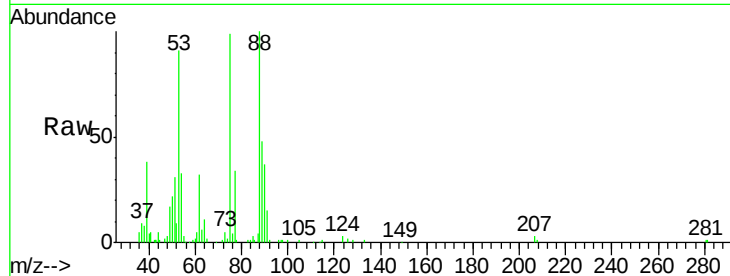
ClientSampleId :

VY0707SBS01

Tot Ion:	75	Resp:	27054
Ion	Ratio	Lower	Upper
75	100		
53	91.9	73.9	110.9
89	44.6	37.5	56.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.553 ug/l

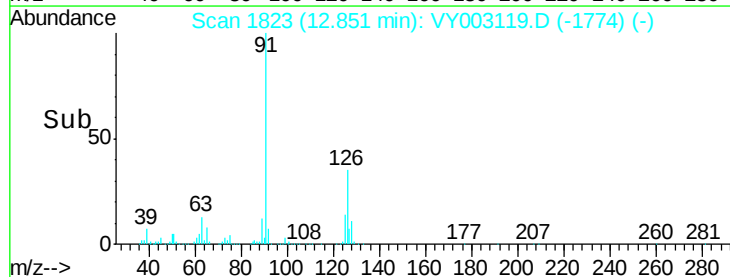
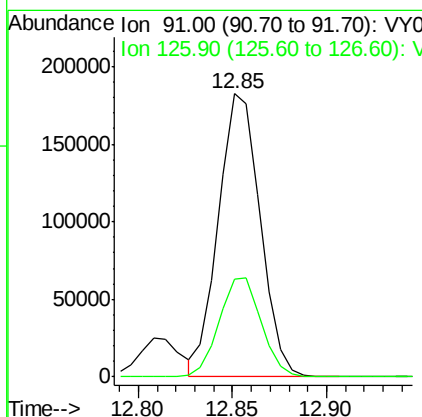
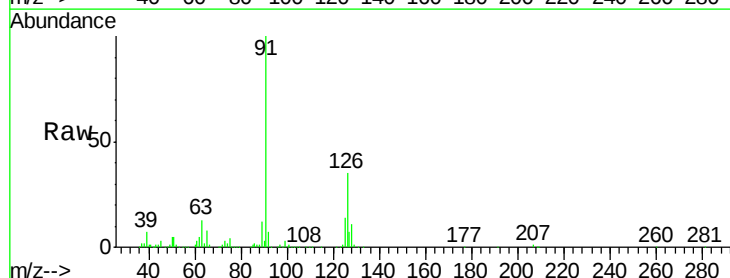
RT: 12.85 min Scan# 1823

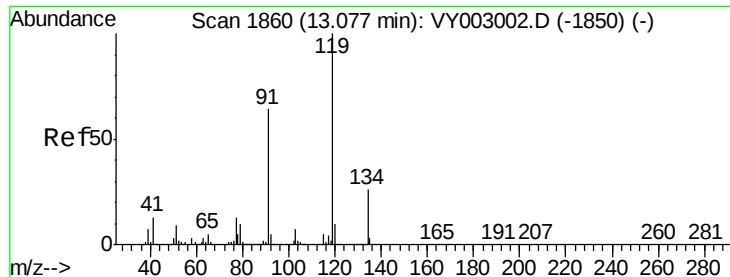
Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion:	91	Resp:	280058
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.4	52.3





#83

tert-Butylbenzene

Concen: 21.072 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

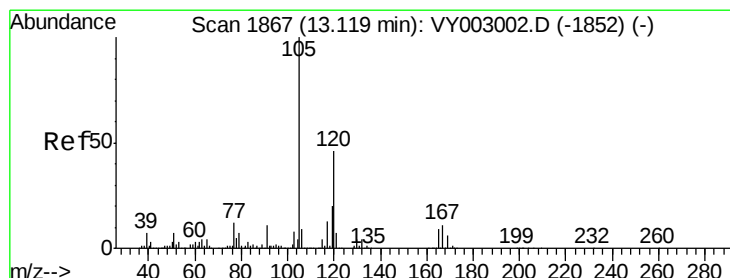
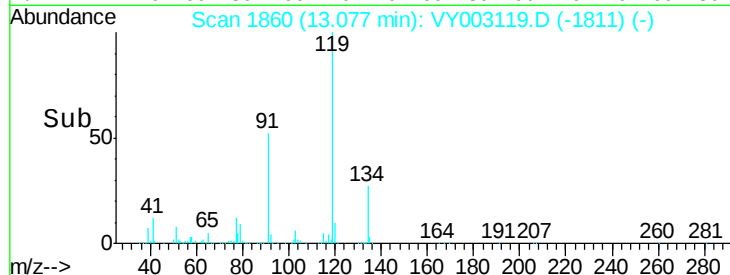
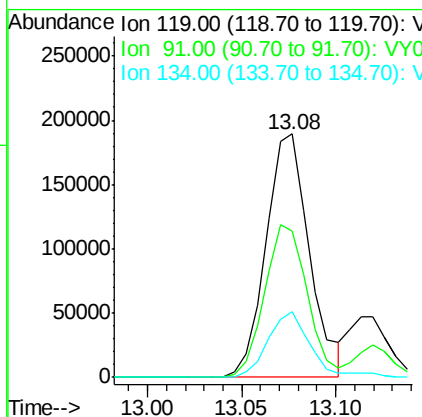
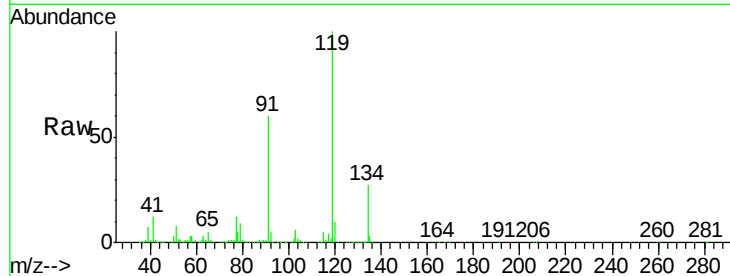
ClientSampleId :

VY0707SBS01

Tot Ion:	119	Resp:	302714
Ion Ratio	Lower	Upper	
119	100		
91	61.5	31.6	95.0
134	26.7	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.026 ug/l

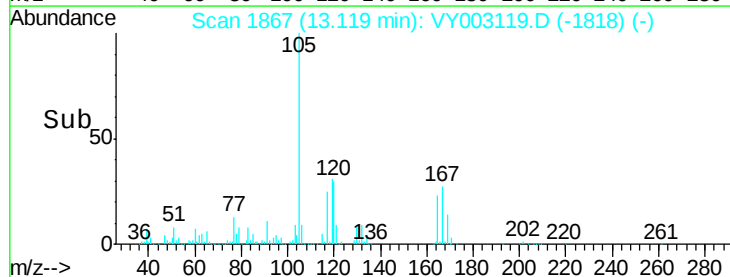
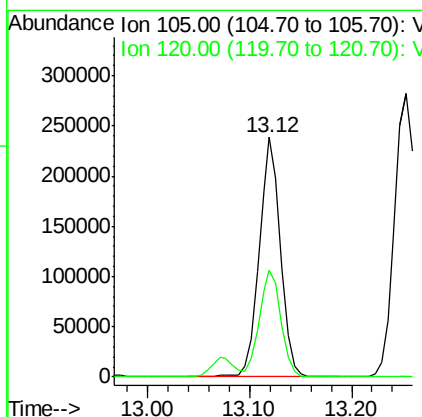
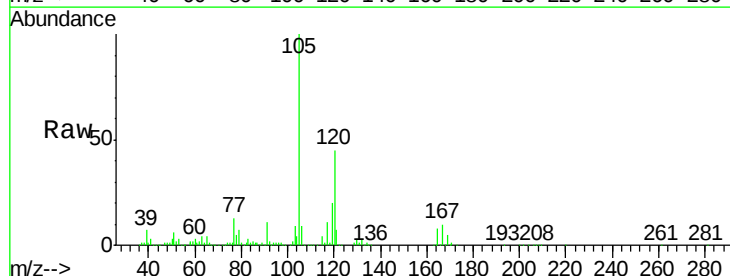
RT: 13.12 min Scan# 1867

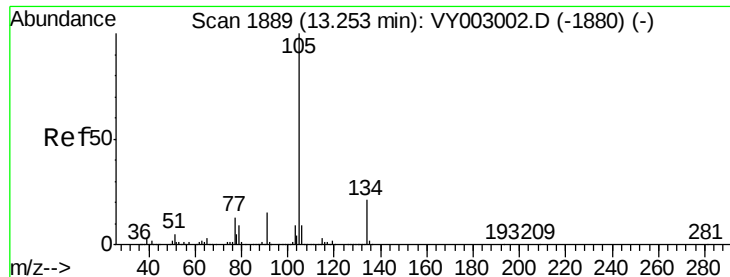
Delta R.T. 0.00 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Tgt Ion:	105	Resp:	346615
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.6	67.8





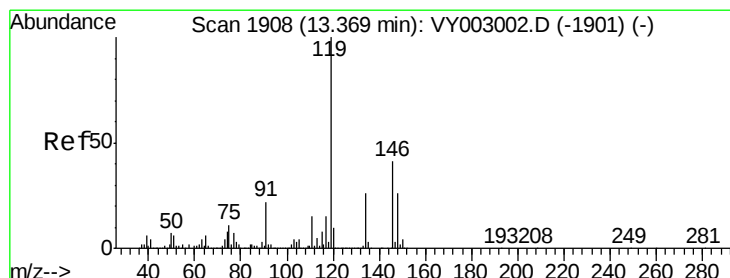
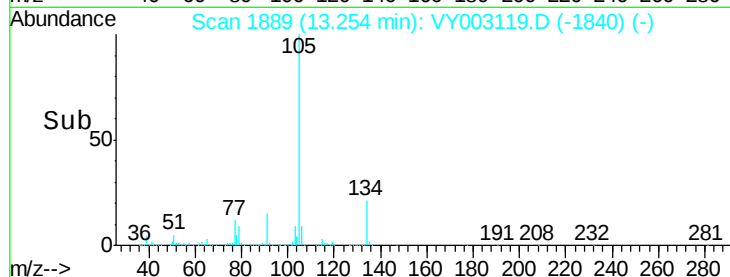
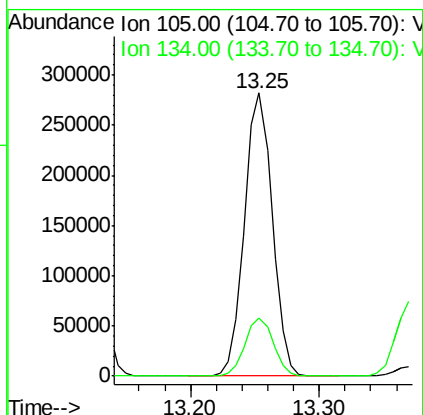
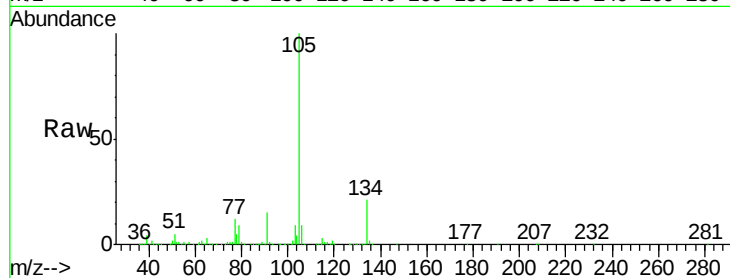
#85
 sec-Butylbenzene
 Concen: 21.194 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.4	31.2

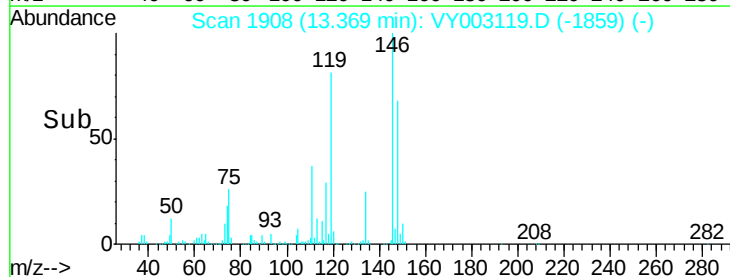
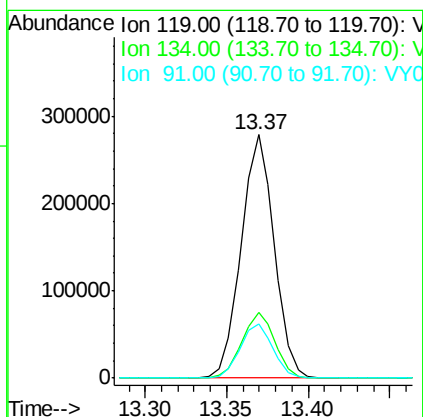
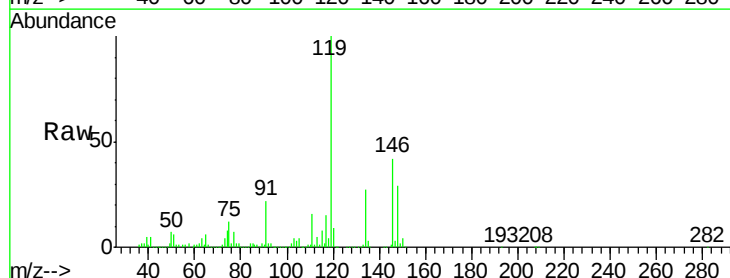
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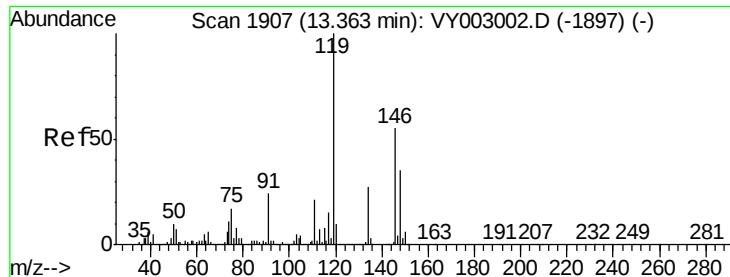
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#86
 p-Isopropyltoluene
 Concen: 21.311 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	22.4	11.5	34.5





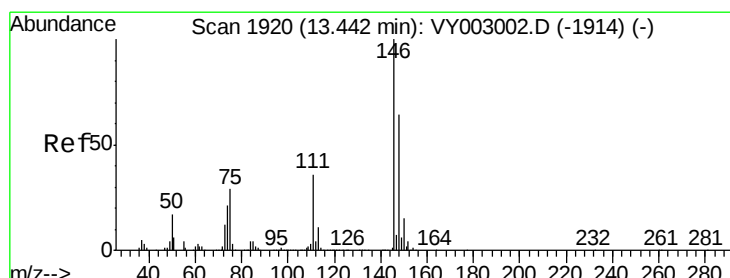
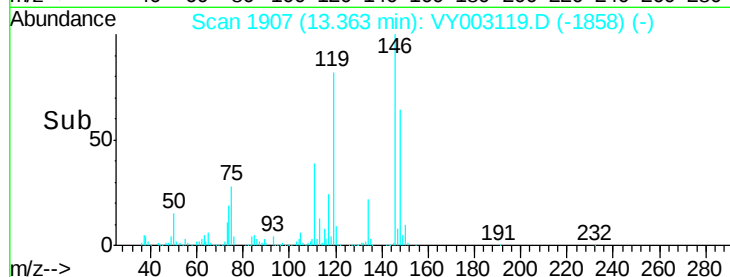
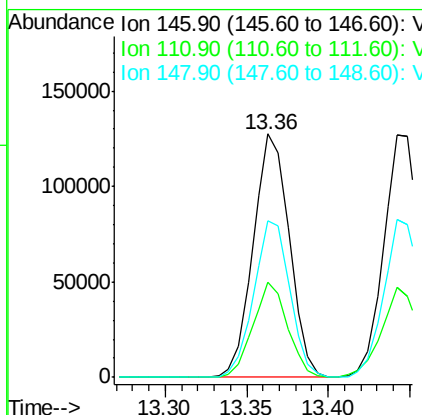
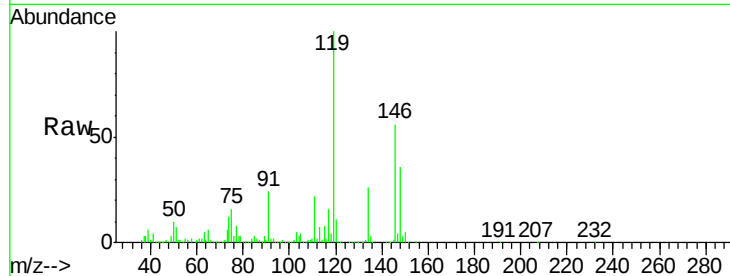
#87
 1,3-Dichlorobenzene
 Concen: 21.142 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	197310		
111	37.2	18.8	56.3	
148	64.3	31.8	95.3	

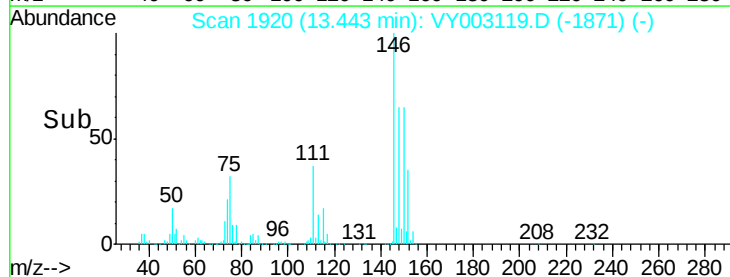
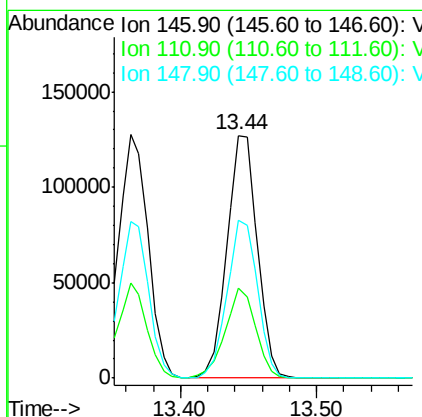
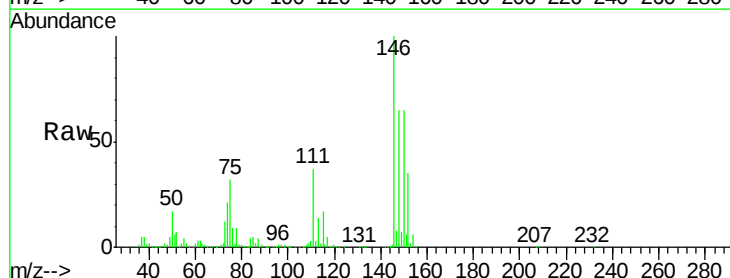
Manual Integrations
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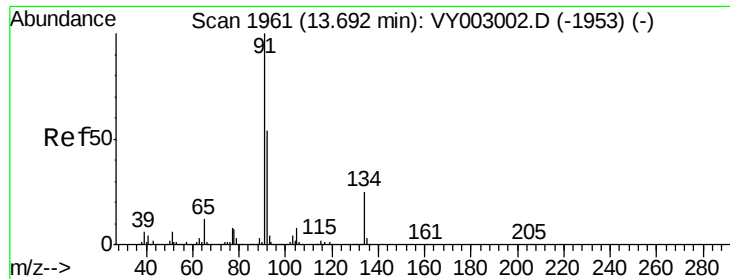
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#88
 1,4-Dichlorobenzene
 Concen: 21.381 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	196766		
111	37.4	18.4	55.4	
148	65.4	32.3	96.9	





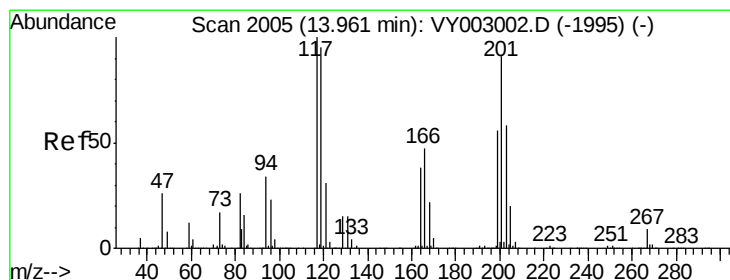
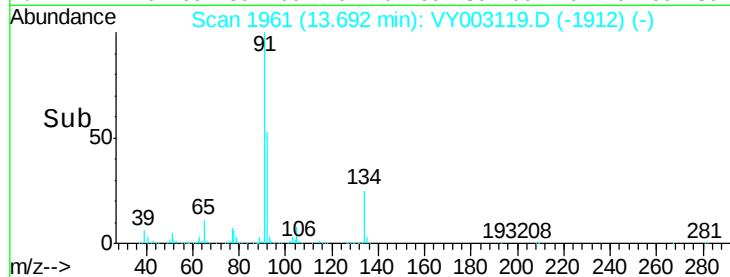
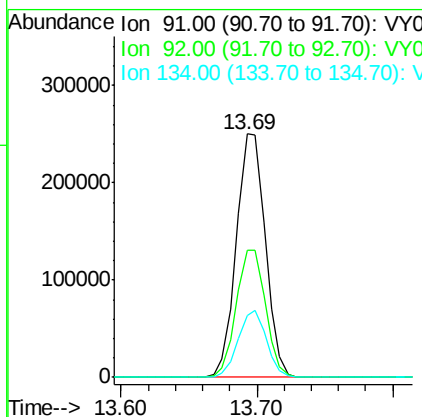
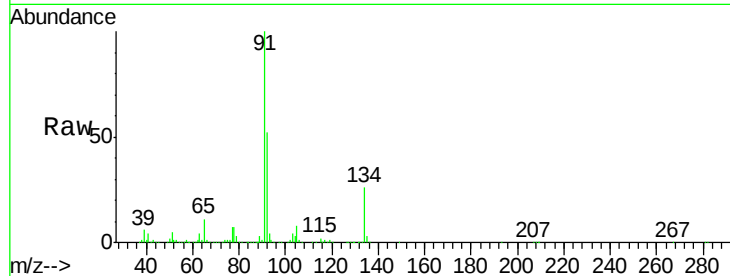
#89
n-Butylbenzene
Concen: 21.226 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.0	26.8	80.3	
134	26.7	13.1	39.1	

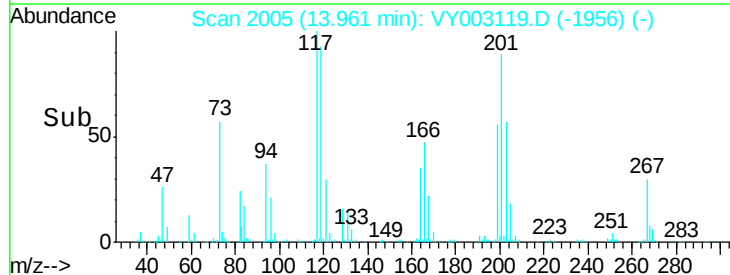
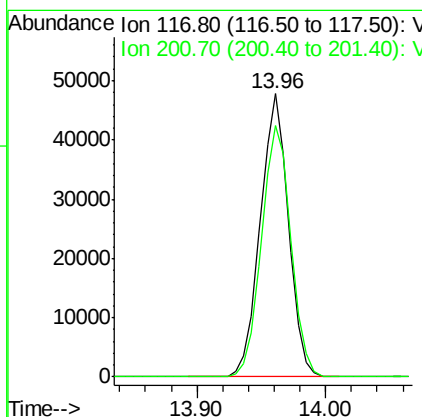
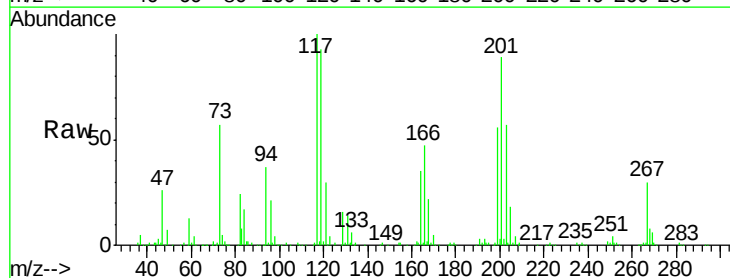
Manual Integrations
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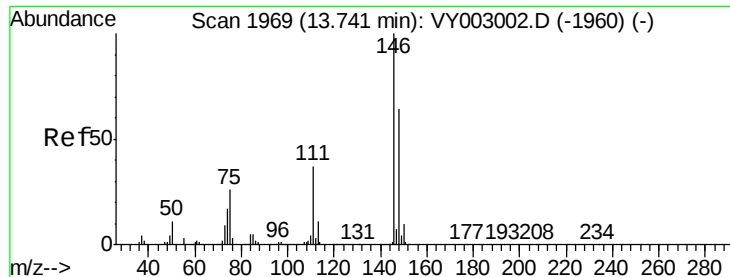
MMDadoda
7/8/2020 12:20:35 PM



#90
Hexachloroethane
Concen: 19.783 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	92.4	45.5	136.4	





#91

1,2-Dichlorobenzene

Concen: 20.875 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003119.D

Acq: 07 Jul 2020 12:03

Instrument :

MSVOA_Y

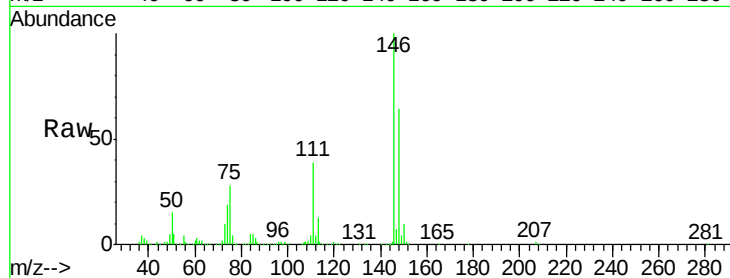
ClientSampleId :

VY0707SBS01

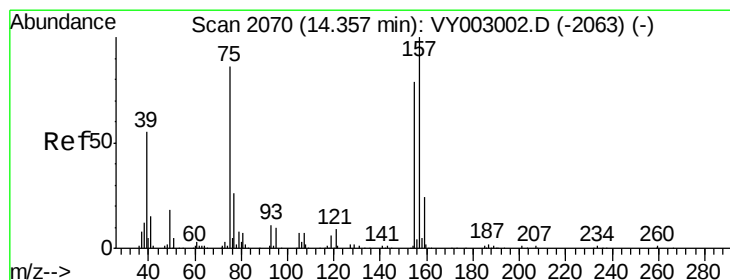
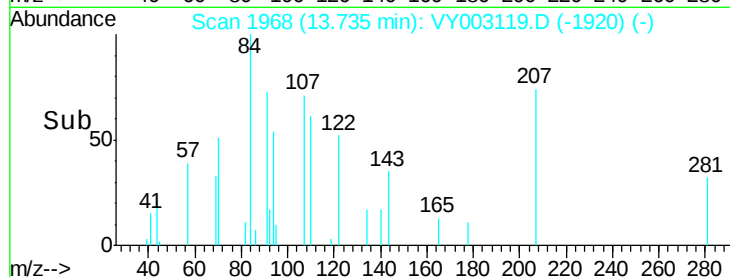
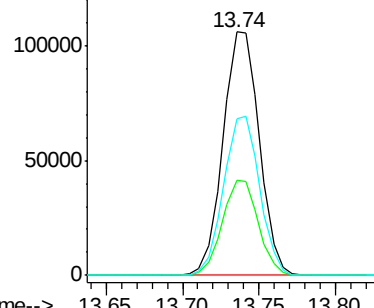
Tot Ion:	146	Resp:	174798
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.1	57.5
148	65.1	31.8	95.3

Manual Integrations
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7/8/2020 12:20:35 PM



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: 18.905 ug/l

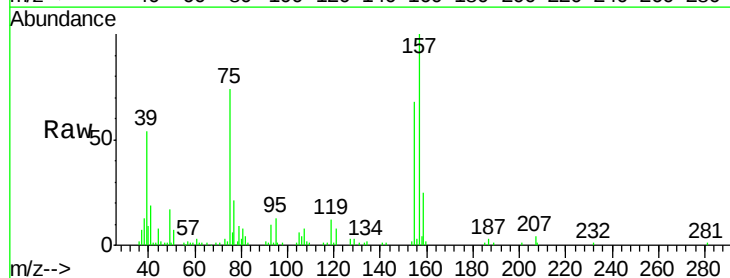
RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

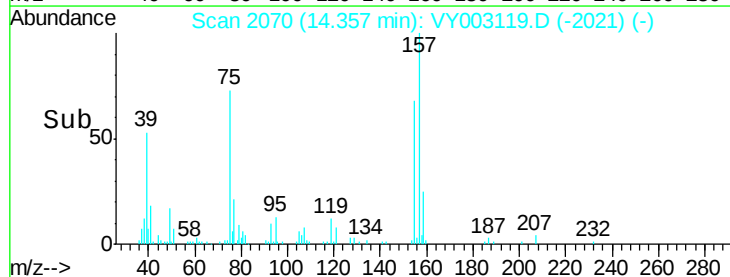
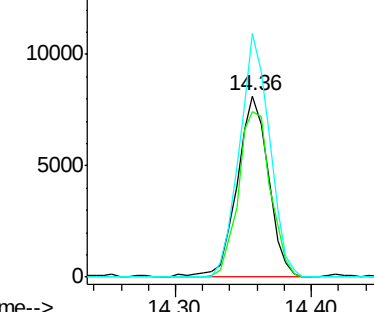
Lab File: VY003119.D

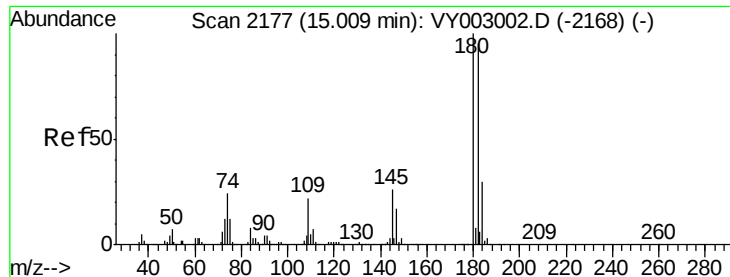
Acq: 07 Jul 2020 12:03

Tgt Ion:	75	Resp:	13167
Ion Ratio	Lower	Upper	
75	100		
155	93.9	46.5	139.3
157	129.2	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





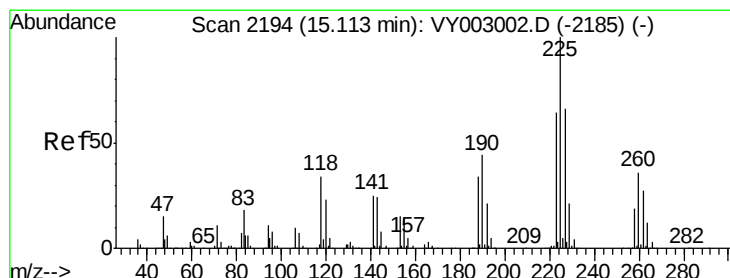
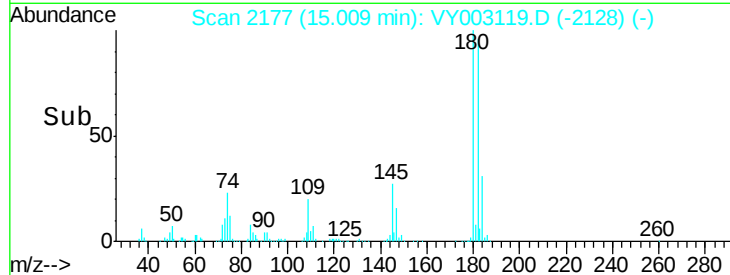
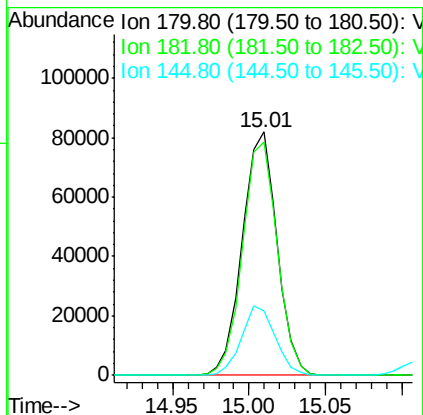
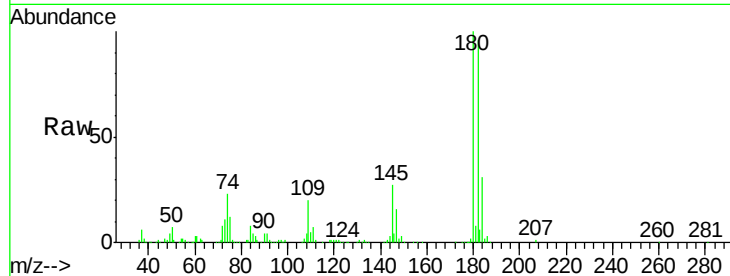
#93
 1,2,4-Trichlorobenzene
 Concen: 20.731 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128986		
182	96.2	48.1	144.3	
145	28.0	13.9	41.6	

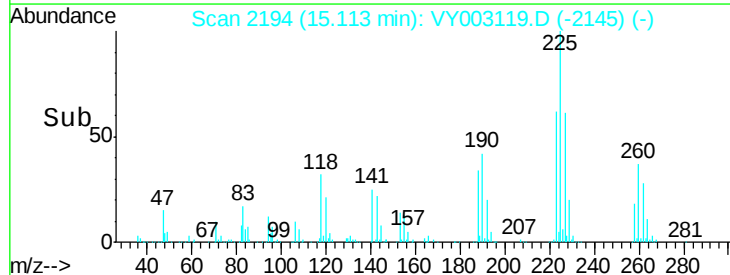
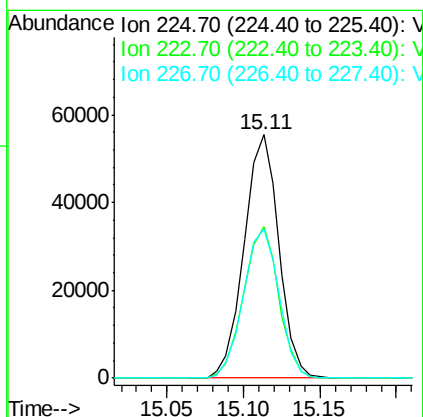
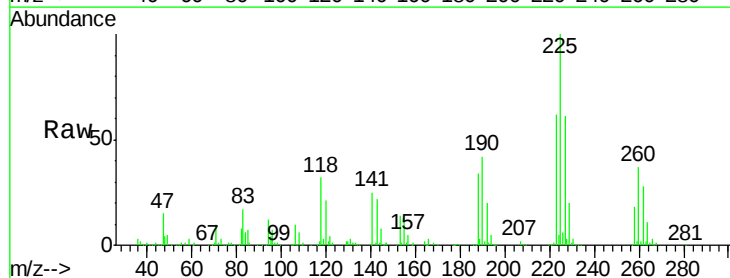
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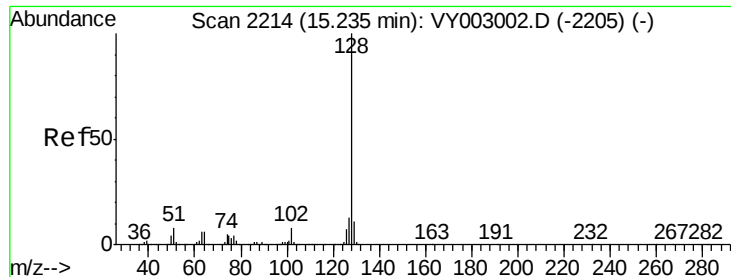
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#94
 Hexachlorobutadiene
 Concen: 22.288 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003119.D
 Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87472		
223	62.8	32.4	97.0	
227	63.2	32.4	97.2	





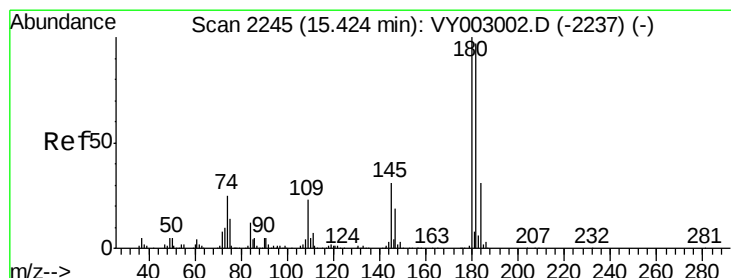
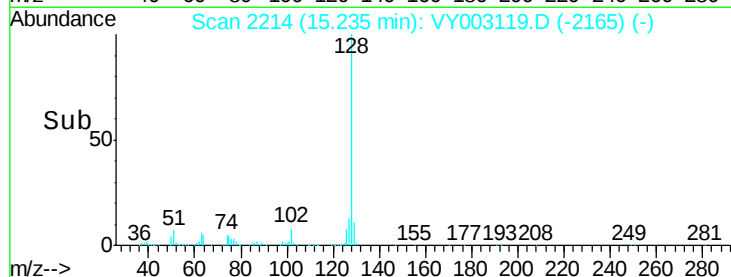
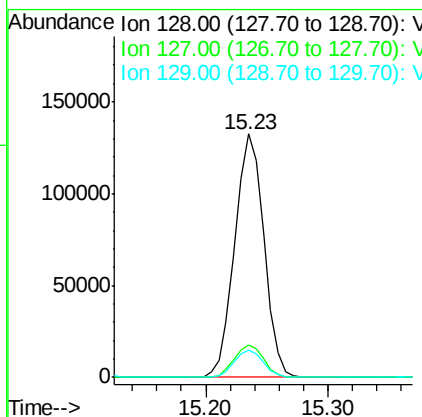
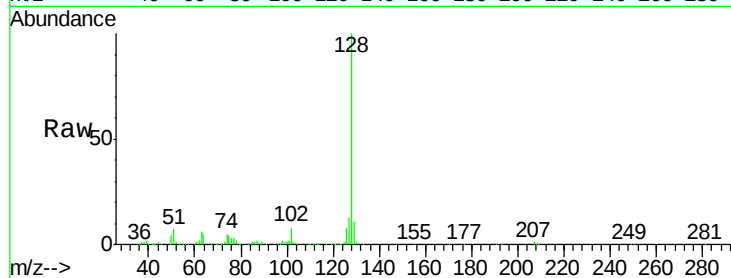
#95
Naphthalene
Concen: 19.243 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	218690		
127	13.5		10.8	16.2
129	11.1		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 19.877 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003119.D
Acq: 07 Jul 2020 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	107389		
182	96.7		47.8	143.3
145	29.6		14.7	44.1

