

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002477.D
 Acq On : 24 Apr 2020 10:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 25 05:49:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	334981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	492380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	442496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	234664	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	127823	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
35) Dibromofluoromethane	7.75	113	127670	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	
50) Toluene-d8	10.20	98	481985	43.18	ug/l	0.00
Spiked Amount			Recovery	=	86.36%	
62) 4-Bromofluorobenzene	12.50	95	164673	43.97	ug/l	0.00
Spiked Amount			Recovery	=	87.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	116612	47.534	ug/l	99
3) Chloromethane	2.13	50	139593	44.722	ug/l	99
4) Vinyl Chloride	2.27	62	104880	46.773	ug/l	99
5) Bromomethane	2.67	94	80341	63.839	ug/l	91
6) Chloroethane	2.82	64	70296	59.102	ug/l	100
7) Trichlorofluoromethane	3.15	101	173109	42.575	ug/l	100
8) Diethyl Ether	3.55	74	71665	42.760	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.93	101	145066	51.830	ug/l	100
10) Methyl Iodide	4.12	142	220582	51.087	ug/l	99
11) Tert butyl alcohol	4.99	59	72731	263.932	ug/l	97
12) 1,1-Dichloroethene	3.90	96	146342	51.033	ug/l	95
13) Acrolein	3.76	56	60225	273.015	ug/l	99
14) Allyl chloride	4.51	41	209888	49.805	ug/l	97
15) Acrylonitrile	5.20	53	205531	256.307	ug/l	99
16) Acetone	3.97	43	185222	302.714	ug/l	96
17) Carbon Disulfide	4.22	76	437012	48.874	ug/l	99
18) Methyl Acetate	4.51	43	97068	49.300	ug/l	99
19) Methyl tert-butyl Ether	5.25	73	397711	51.397	ug/l	99
20) Methylene Chloride	4.75	84	155500	44.513	ug/l	99
21) trans-1,2-Dichloroethene	5.26	96	158847	49.202	ug/l	96
22) Diisopropyl ether	6.15	45	410042	49.211	ug/l	97
23) Vinyl Acetate	6.10	43	1363788	257.580	ug/l	99
24) 1,1-Dichloroethane	6.05	63	249812	49.520	ug/l	99
25) 2-Butanone	7.02	43	245685	262.094	ug/l	97
26) 2,2-Dichloropropane	7.02	77	241211	49.997	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	174669	49.742	ug/l	100
28) Bromochloromethane	7.37	49	87395	44.406	ug/l	99
29) Tetrahydrofuran	7.38	42	160781	258.702	ug/l	99
30) Chloroform	7.53	83	263602	49.076	ug/l	97
31) Cyclohexane	7.82	56	230631	45.719	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	250458	49.348	ug/l	100
36) 1,1-Dichloropropene	7.94	75	206728	48.965	ug/l	99
37) Ethyl Acetate	7.11	43	109938	51.833	ug/l	99
38) Carbon Tetrachloride	7.93	117	236372	48.686	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.20	83	268280	48.712	ug/l	98
40) Benzene	8.19	78	601857	49.322	ug/l	99
41) Methacrylonitrile	7.38	41	149476	114.387	ug/l #	41
42) 1,2-Dichloroethane	8.26	62	175142	49.408	ug/l	100
43) Isopropyl Acetate	8.30	43	202993	51.170	ug/l	99
44) Trichloroethene	8.96	130	185810	48.697	ug/l	98
45) 1,2-Dichloropropane	9.24	63	139003	49.425	ug/l	97
46) Dibromomethane	9.33	93	83639	50.831	ug/l	98
47) Bromodichloromethane	9.52	83	208288	50.619	ug/l	99
48) Methyl methacrylate	9.32	41	93443	51.598	ug/l	97
49) 1,4-Dioxane	9.32	88	21074	1004.976	ug/l	99
51) 4-Methyl-2-Pentanone	10.09	43	530001	257.215	ug/l	99
52) Toluene	10.26	92	385593	49.089	ug/l	100
53) t-1,3-Dichloropropene	10.49	75	222698	51.535	ug/l	97
54) cis-1,3-Dichloropropene	9.95	75	248618	50.266	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	122001	50.147	ug/l	97
56) Ethyl methacrylate	10.53	69	170360	51.248	ug/l	99
57) 1,3-Dichloropropane	10.81	76	203808	49.620	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	378175	235.251	ug/l	99
59) 2-Hexanone	10.85	43	369001	256.917	ug/l	99
60) Dibromochloromethane	11.00	129	161503	50.662	ug/l	99
61) 1,2-Dibromoethane	11.11	107	120401	49.908	ug/l	99
64) Tetrachloroethene	10.74	164	199618	49.222	ug/l	99
65) Chlorobenzene	11.53	112	428217	50.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	164103	51.269	ug/l	99
67) Ethyl Benzene	11.61	91	758432	49.885	ug/l	99
68) m/p-Xylenes	11.72	106	584352	99.842	ug/l	98
69) o-Xylene	12.05	106	274850	50.711	ug/l	99
70) Styrene	12.06	104	479065	50.763	ug/l	99
71) Bromoform	12.22	173	105861	52.500	ug/l #	99
73) Isopropylbenzene	12.35	105	758156	48.326	ug/l	99
74) N-amyl acetate	12.16	43	187598	50.462	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	119633	49.651	ug/l	100
76) 1,2,3-Trichloropropane	12.65	75	189875	95.467	ug/l #	100
77) Bromobenzene	12.63	156	189685	48.209	ug/l	98
78) n-propylbenzene	12.69	91	872964	47.924	ug/l	100
79) 2-Chlorotoluene	12.77	91	481469	48.304	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	638291	47.937	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	54510	50.716	ug/l #	77
82) 4-Chlorotoluene	12.87	91	502283	48.757	ug/l	100
83) tert-Butylbenzene	13.09	119	551428	47.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.14	105	641671	50.229	ug/l	100
85) sec-Butylbenzene	13.27	105	762275	49.234	ug/l	100
86) p-Isopropyltoluene	13.38	119	718528	48.664	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	362044	49.749	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	359931	49.739	ug/l	100
89) n-Butylbenzene	13.71	91	658654	48.356	ug/l	99
90) Hexachloroethane	13.98	117	131391	49.233	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	328436	52.406	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.38	75	24092	50.364	ug/l	99

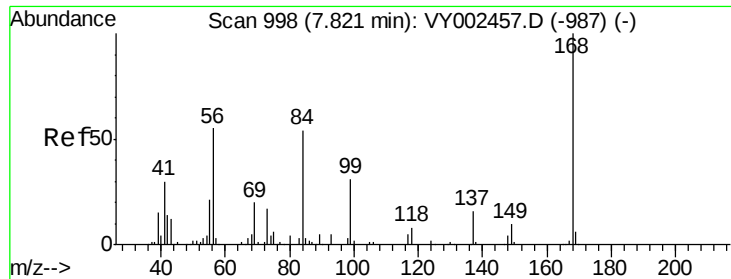
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	245662	49.666	ug/l	99
94) Hexachlorobutadiene	15.13	225	144637	48.452	ug/l	99
95) Naphthalene	15.25	128	467947	51.010	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	208110	49.603	ug/l	99

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

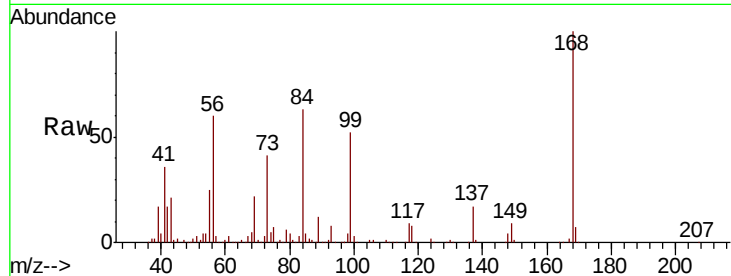


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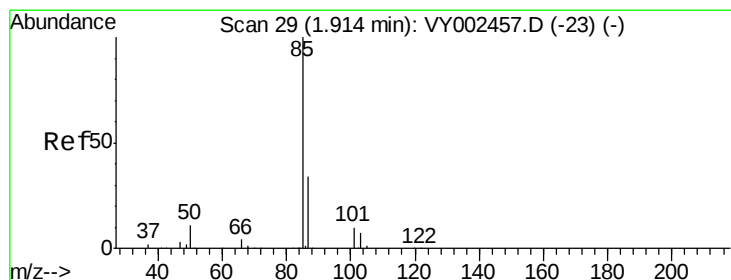
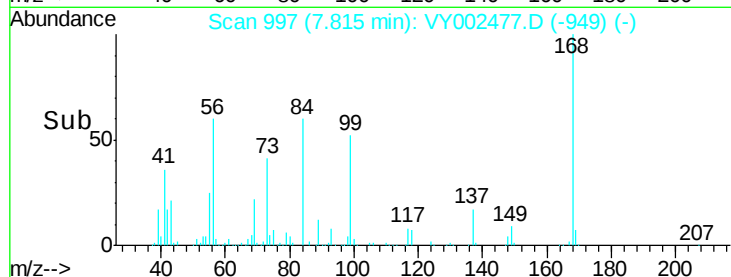
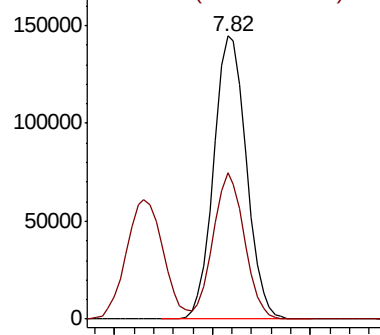
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 334981
 Ion Ratio Lower Upper
 168 100
 99 51.8 39.7 59.5



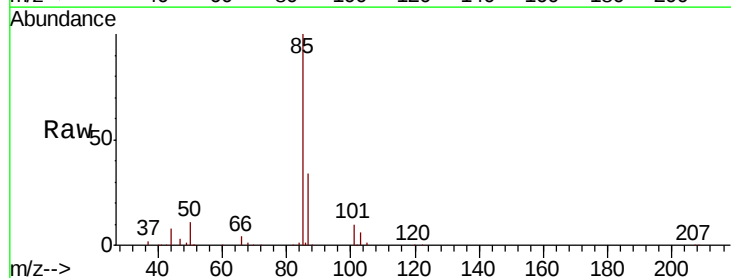
Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)
 Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)



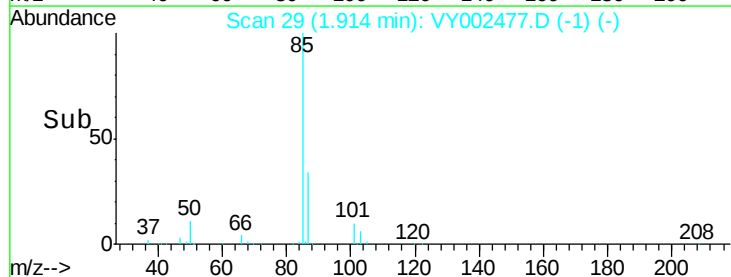
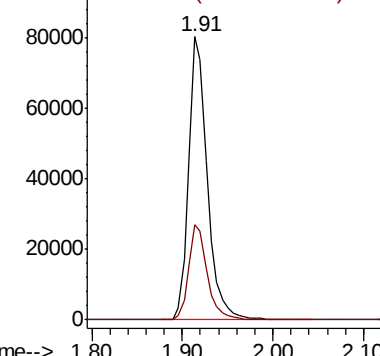
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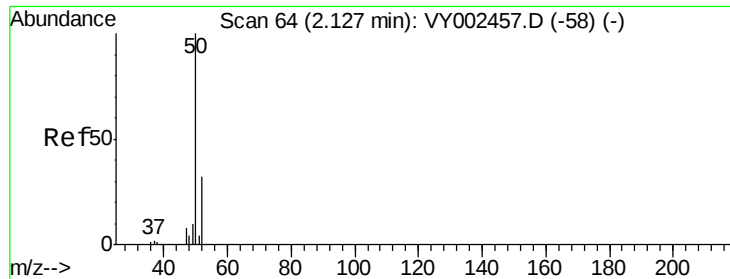
Dichlorodifluoromethane
 Concen: 47.534 ug/l
 RT: 1.91 min Scan# 29
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion: 85 Resp: 116612
 Ion Ratio Lower Upper
 85 100
 87 33.5 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002457.D (-23) (-)
 Ion 86.90 (86.60 to 87.60): VY002457.D (-23) (-)





#3

Chloromethane

Concen: 44.722 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

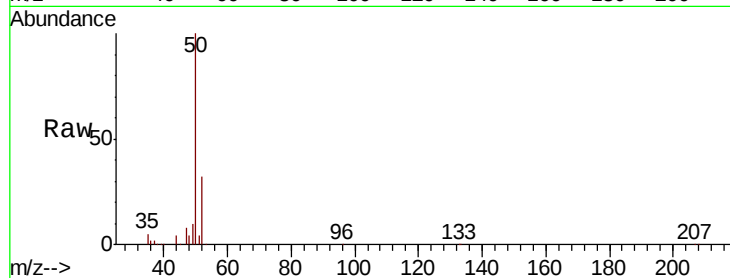
ClientSampleId :

Tot Ion: 50 Resp: 139593

Ion Ratio Lower Upper

50 100

52 32.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.13

100000

80000

60000

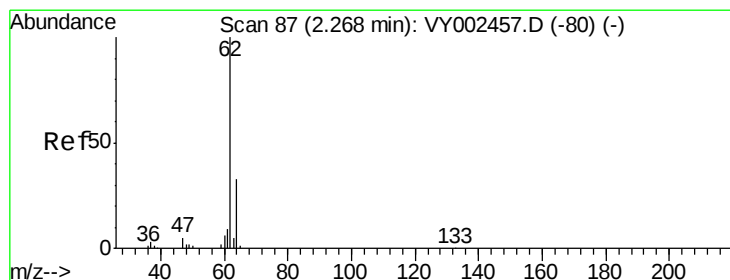
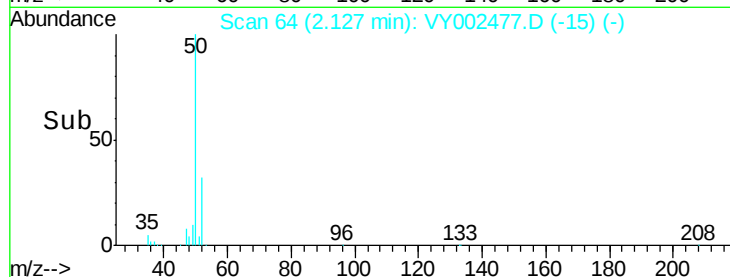
40000

20000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 46.773 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002477.D

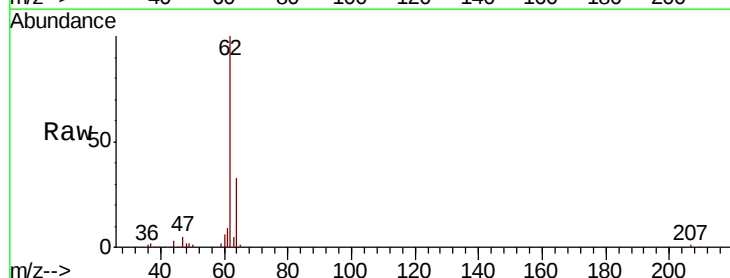
Acq: 24 Apr 2020 10:19

Tgt Ion: 62 Resp: 104880

Ion Ratio Lower Upper

62 100

64 32.6 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.27

60000

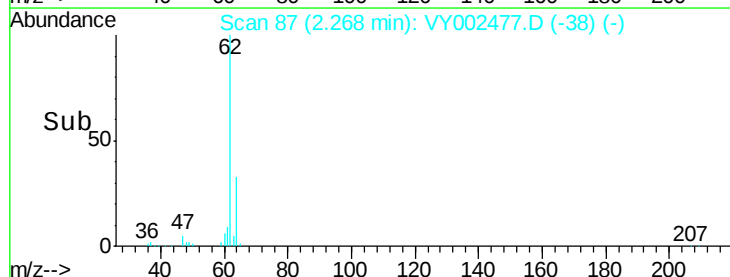
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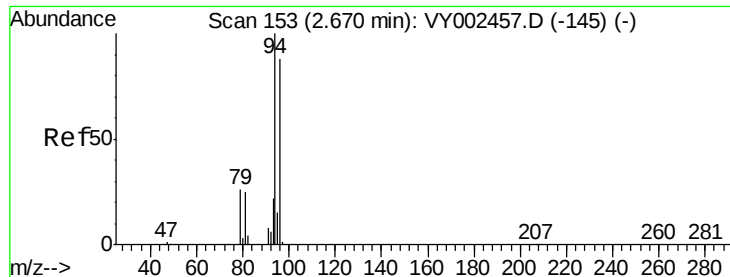
20000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 63.839 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

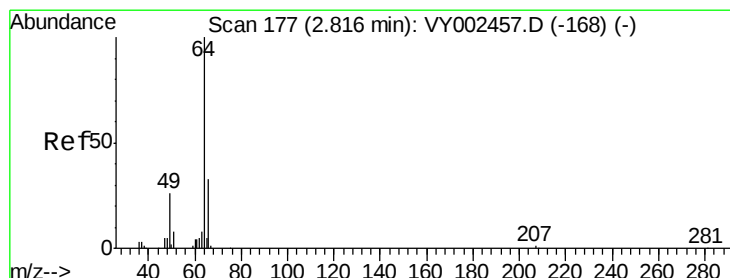
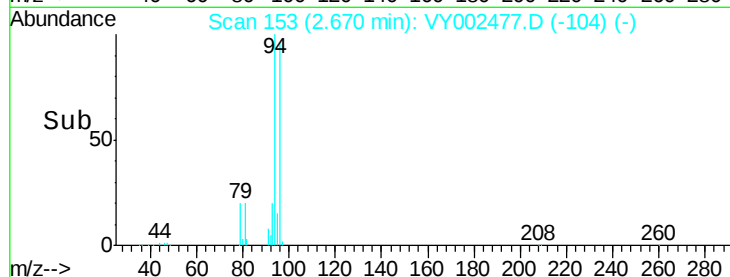
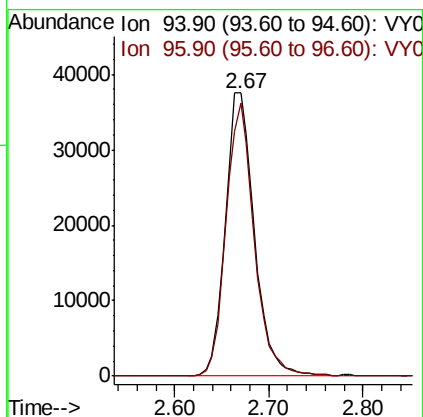
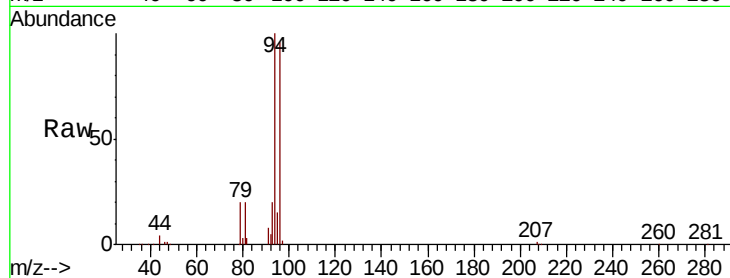
ClientSampleId :

Tot Ion: 94 Resp: 80341

Ion Ratio Lower Upper

94 100

96 96.5 70.2 105.4



#6

Chloroethane

Concen: 59.102 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.00 min

Lab File: VY002477.D

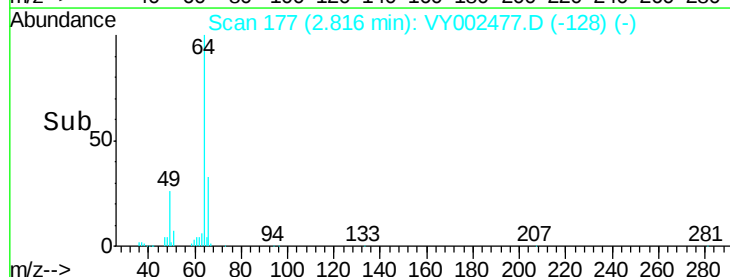
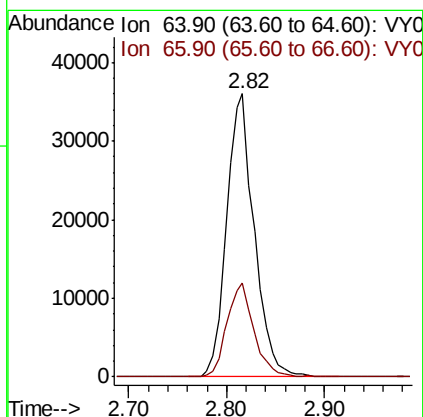
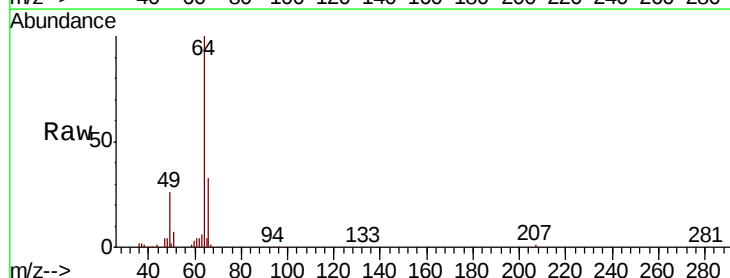
Acq: 24 Apr 2020 10:19

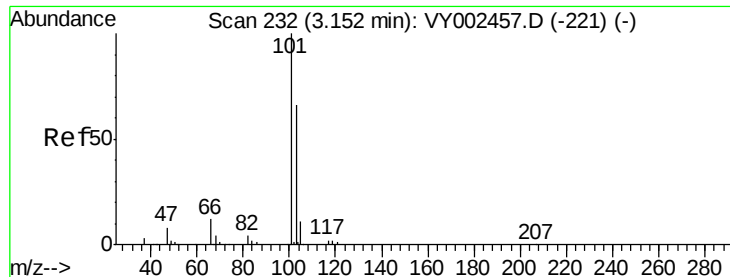
Tgt Ion: 64 Resp: 70296

Ion Ratio Lower Upper

64 100

66 33.1 26.6 40.0



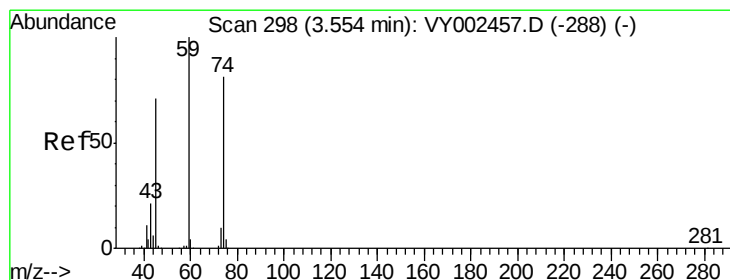
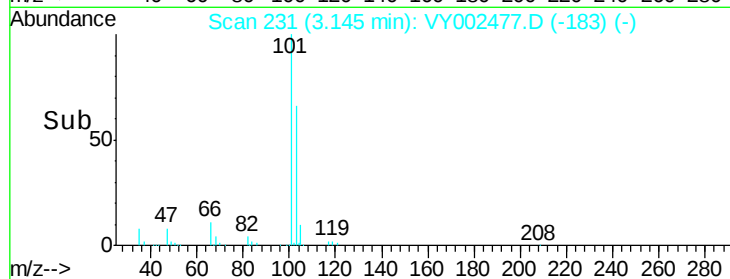
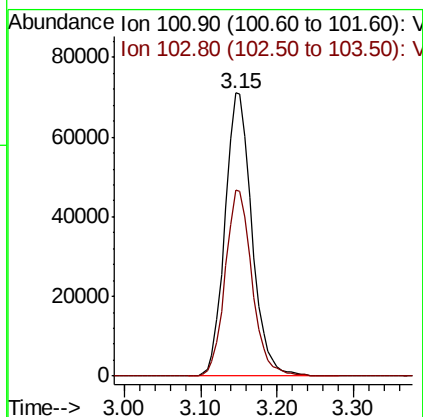
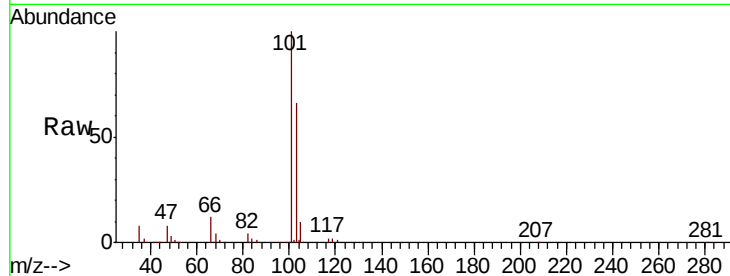


#7

Trichlorofluoromethane
Concen: 42.575 ug/l
RT: 3.15 min Scan# 231
Delta R.T. -0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Instrument :
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ClientSampleId :

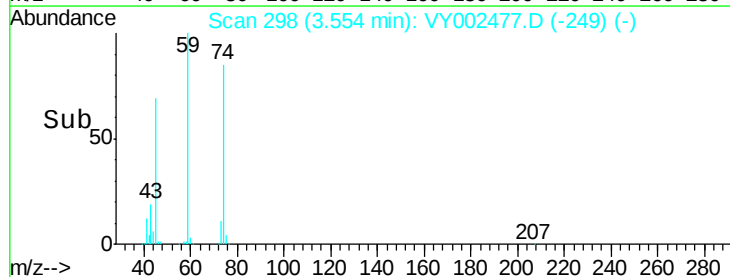
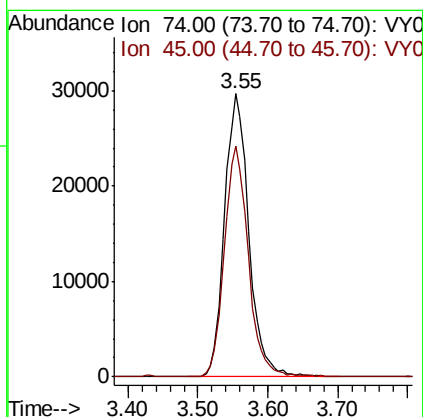
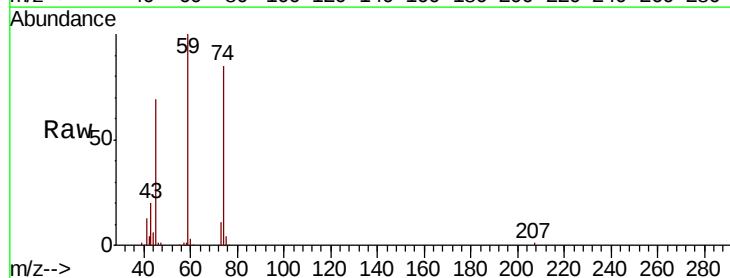
Tot Ion:101 Resp: 173109
Ion Ratio Lower Upper
101 100
103 65.7 52.5 78.7

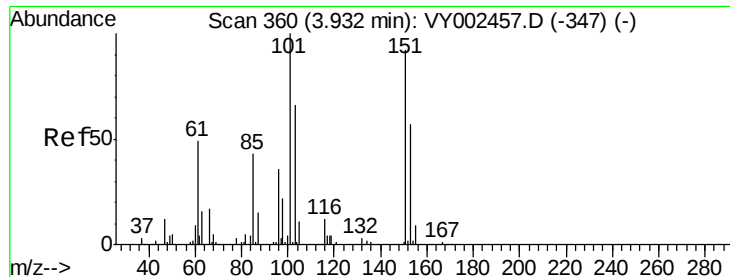


#8

Diethyl Ether
Concen: 42.760 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 74 Resp: 71665
Ion Ratio Lower Upper
74 100
45 80.4 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.830 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

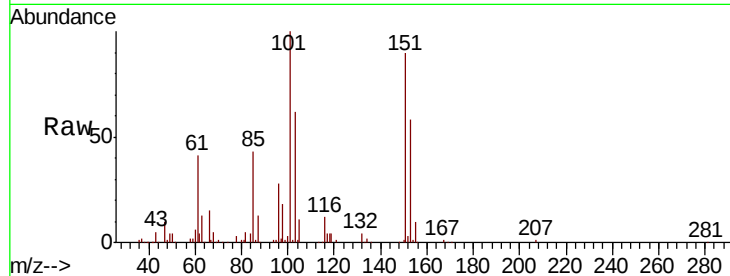
Tot Ion:101 Resp: 145066

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

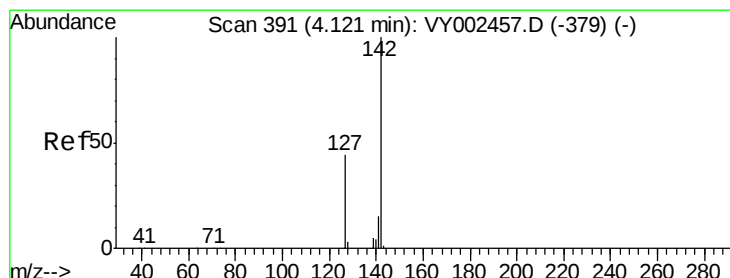
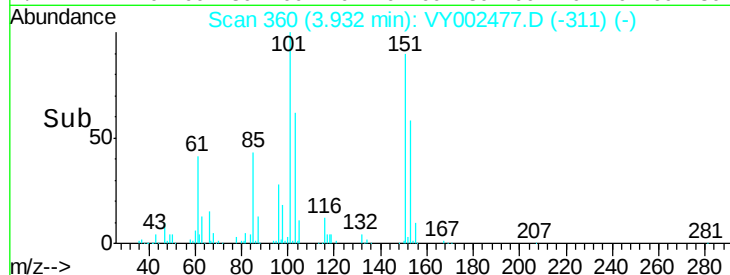
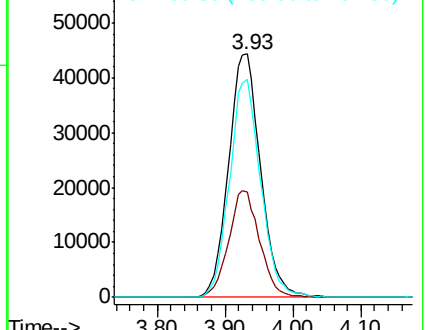
151 87.3 70.3 105.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.087 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

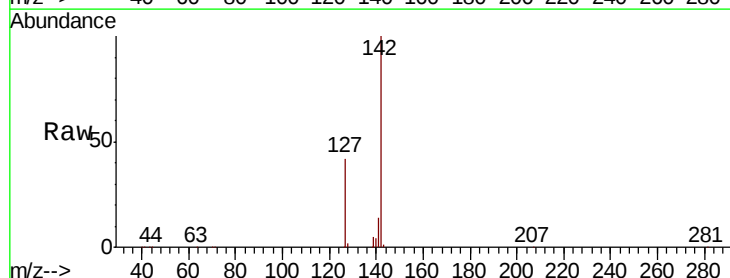
Tgt Ion:142 Resp: 220582

Ion Ratio Lower Upper

142 100

127 43.8 35.8 53.8

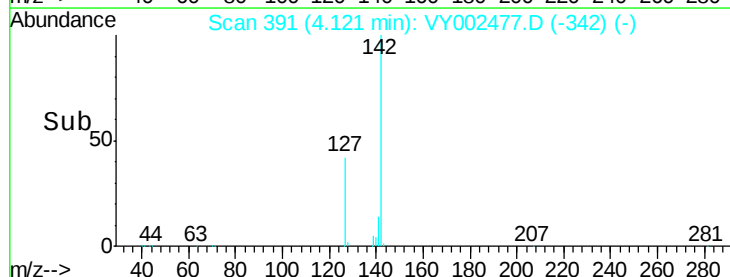
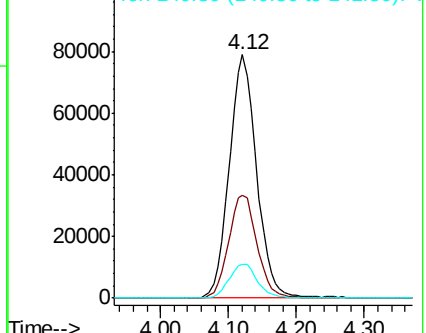
141 14.5 11.6 17.4

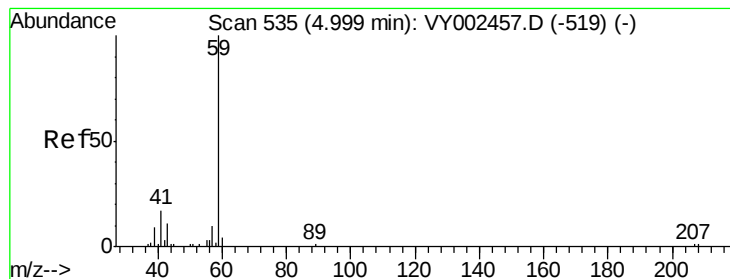


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



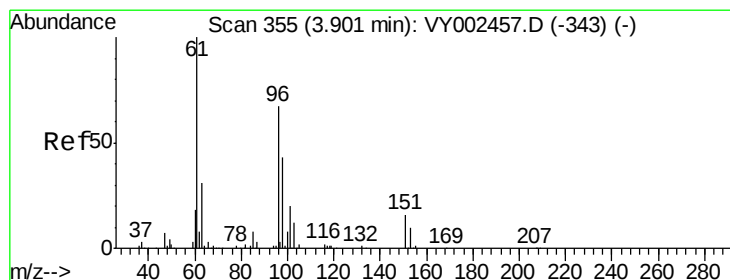
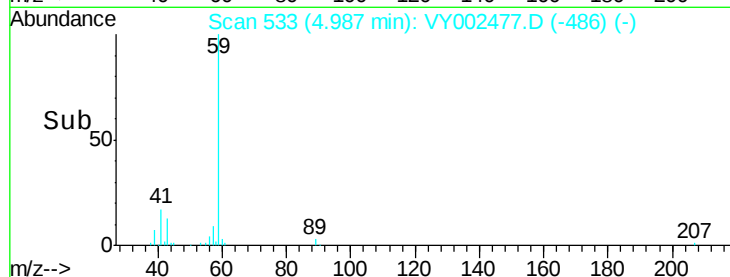
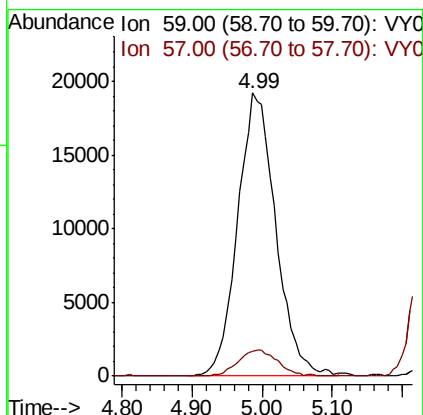
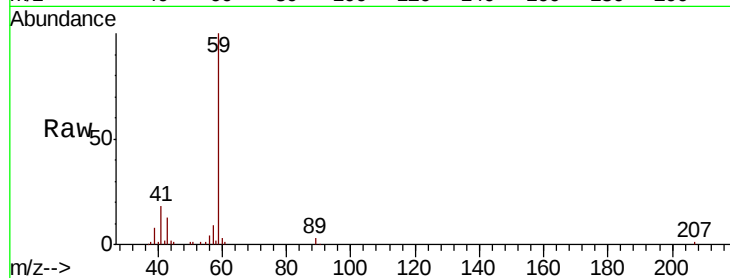


#11

Tert butyl alcohol
 Concen: 263.932 ug/l
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Instrument :
 MSVOA_Y
 ClientSampleId :

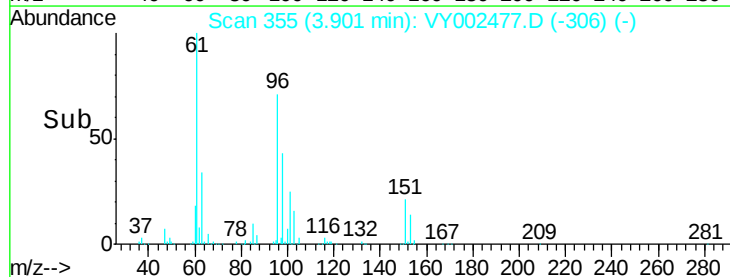
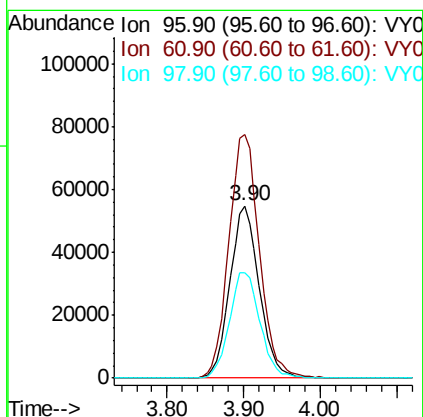
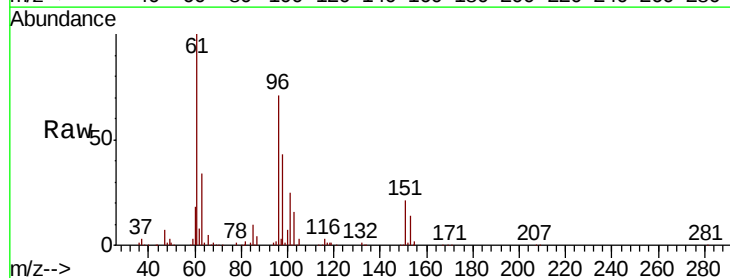
Tot Ion: 59 Resp: 72731
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.4 12.6

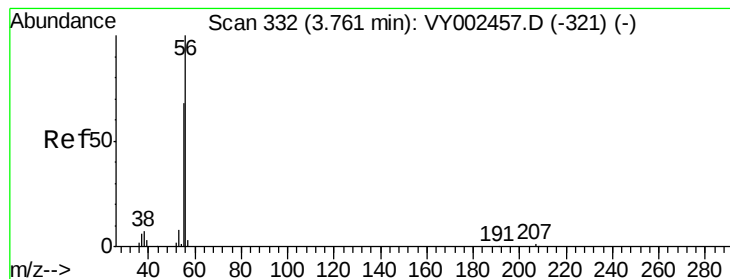


#12

1,1-Dichloroethene
 Concen: 51.033 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion: 96 Resp: 146342
 Ion Ratio Lower Upper
 96 100
 61 141.4 119.0 178.6
 98 61.4 51.4 77.2





#13

Acrolein

Concen: 273.015 ug/l

RT: 3.76 min Scan# 331

Delta R.T. -0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

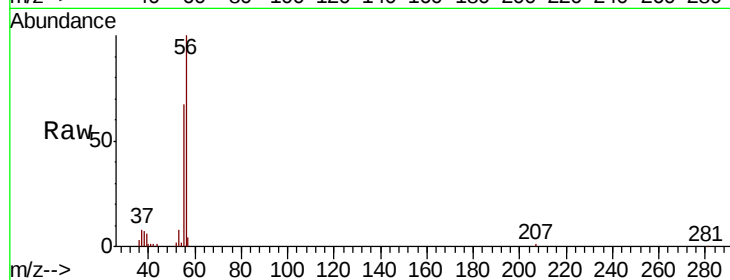
ClientSampleId :

Tot Ion: 56 Resp: 60225

Ion Ratio Lower Upper

56 100

55 70.4 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

10000

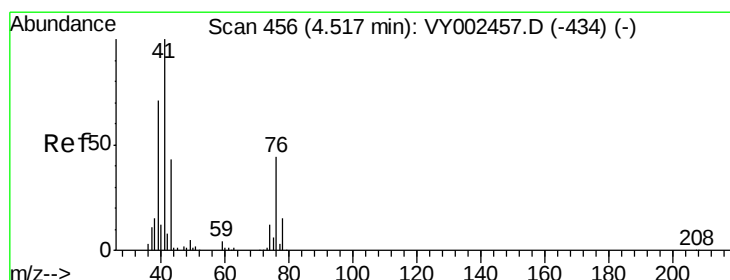
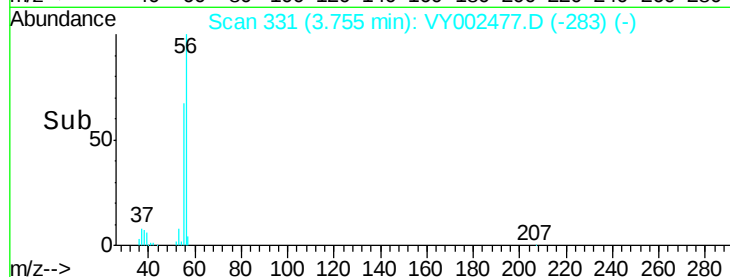
5000

0

3.76

3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 49.805 ug/l

RT: 4.51 min Scan# 455

Delta R.T. -0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

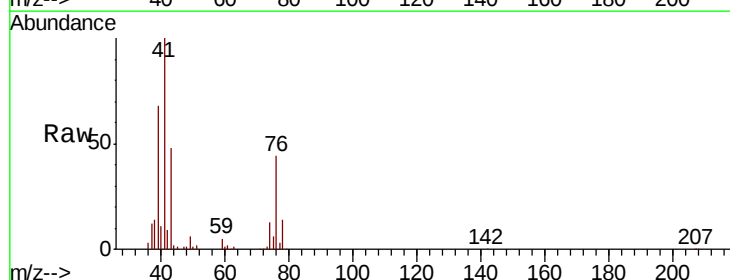
Tgt Ion: 41 Resp: 209888

Ion Ratio Lower Upper

41 100

39 66.1 55.1 82.7

76 41.6 34.3 51.5



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

200000

150000

100000

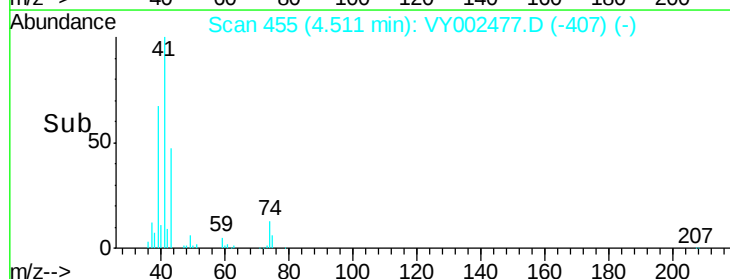
50000

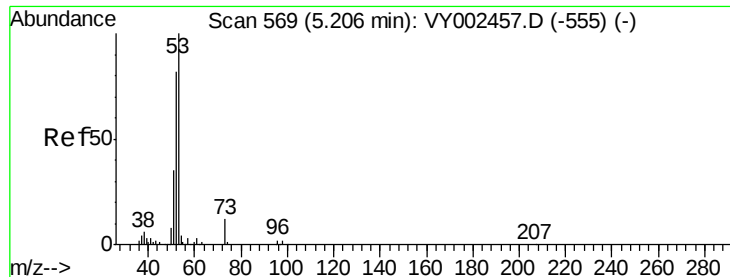
0

4.51

4.40 4.60

Time-->





#15

Acrylonitrile

Concen: 256.307 ug/l

RT: 5.20 min Scan# 568

Delta R.T. -0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

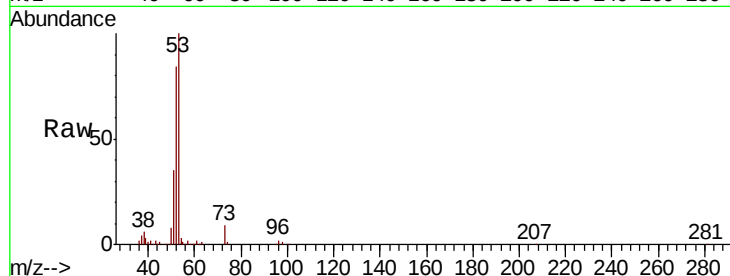
Tot Ion: 53 Resp: 205531

Ion Ratio Lower Upper

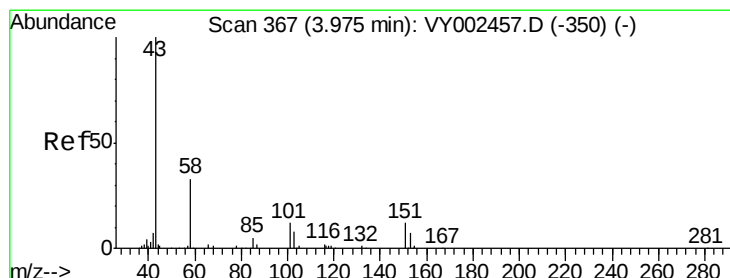
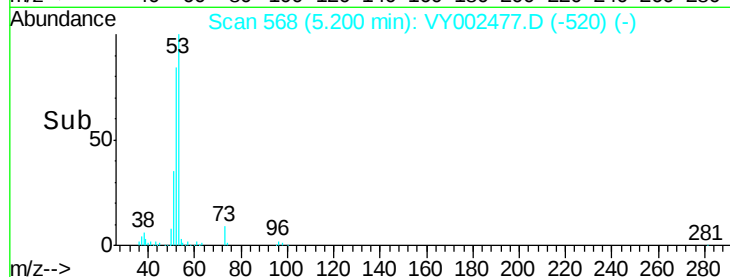
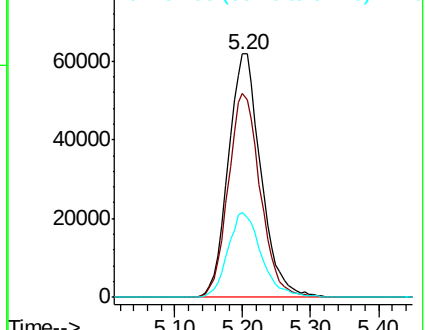
53 100

52 82.4 65.4 98.2

51 36.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 302.714 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY002477.D

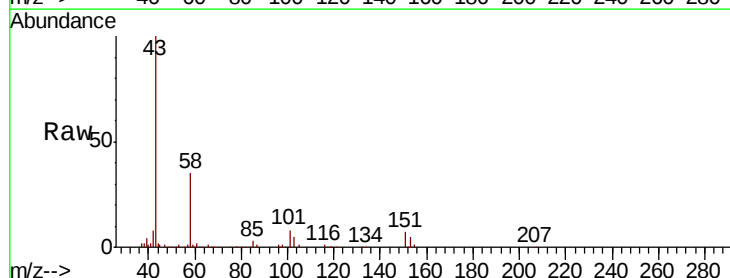
Acq: 24 Apr 2020 10:19

Tgt Ion: 43 Resp: 185222

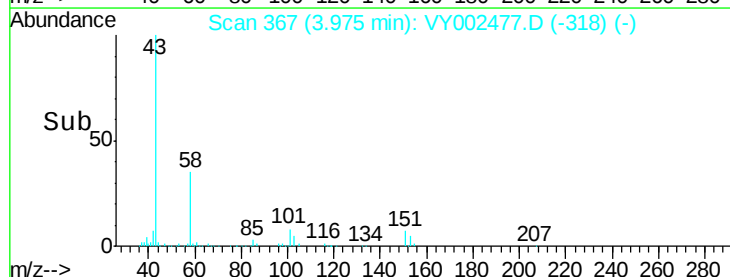
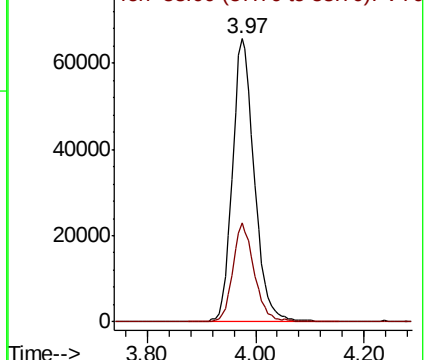
Ion Ratio Lower Upper

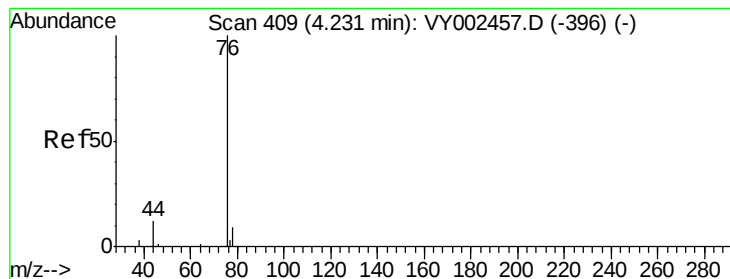
43 100

58 35.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 48.874 ug/l

RT: 4.22 min Scan# 408

Delta R.T. -0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

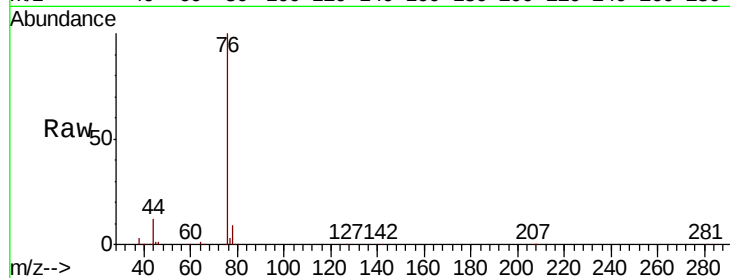
ClientSampleId :

Tot Ion: 76 Resp: 437012

Ion Ratio Lower Upper

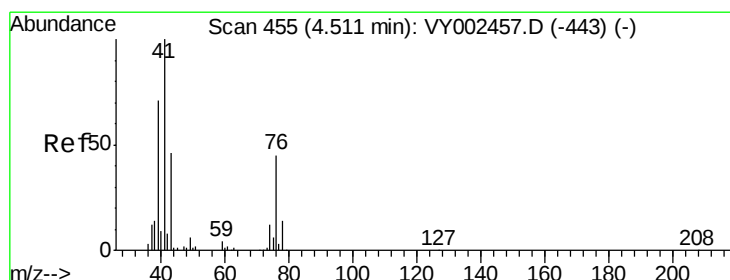
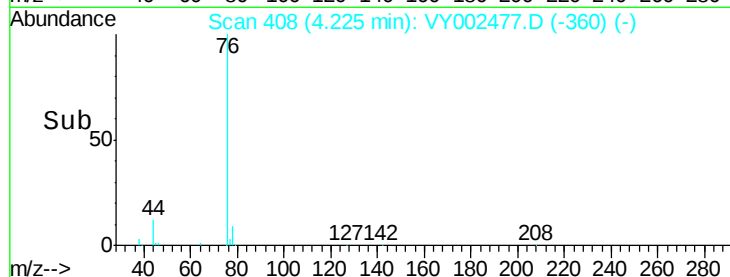
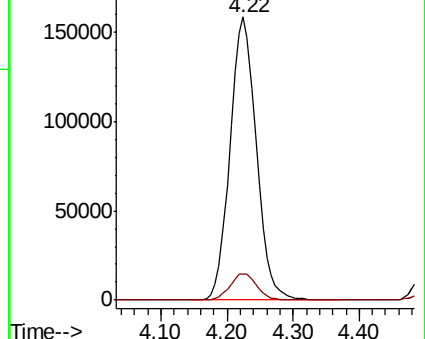
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 49.300 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002477.D

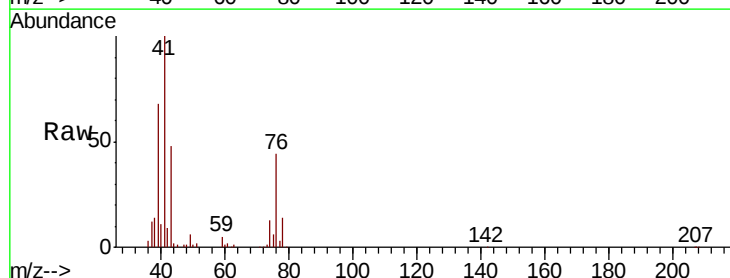
Acq: 24 Apr 2020 10:19

Tgt Ion: 43 Resp: 97068

Ion Ratio Lower Upper

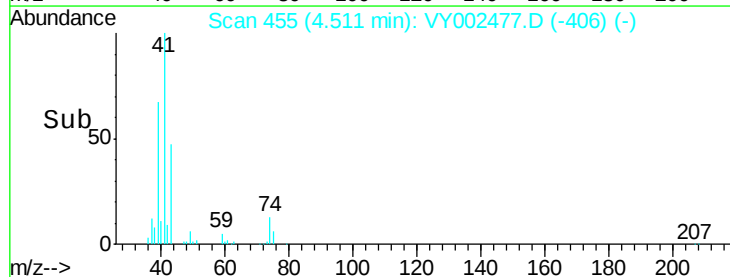
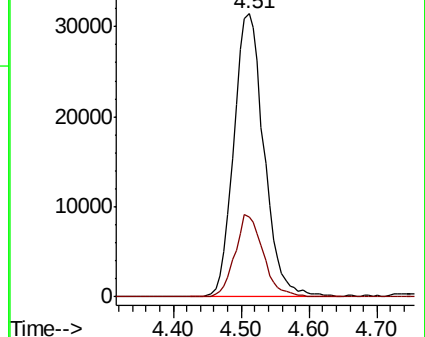
43 100

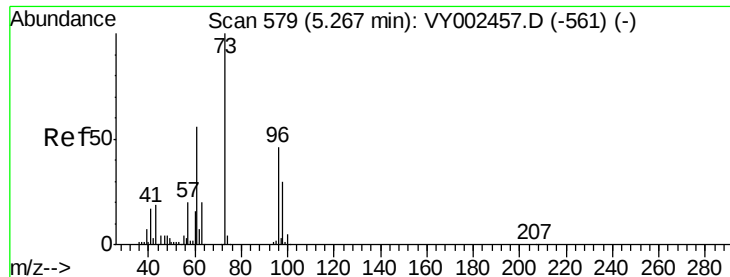
74 27.1 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

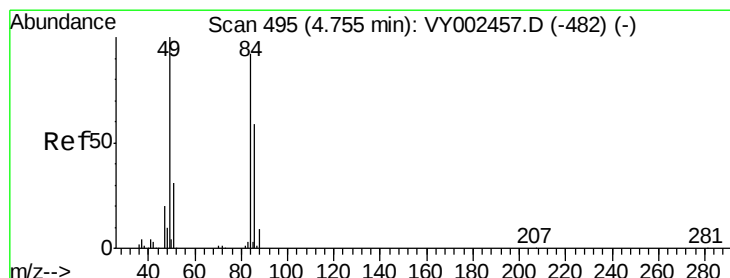
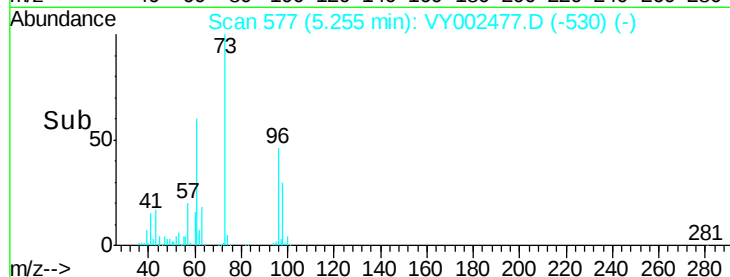
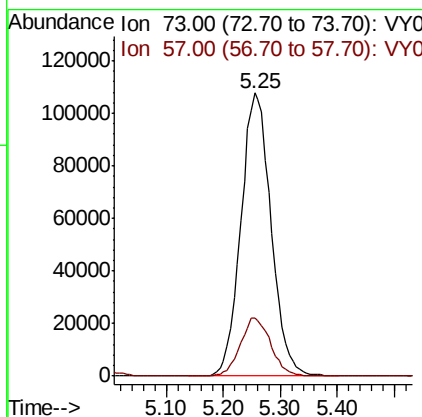
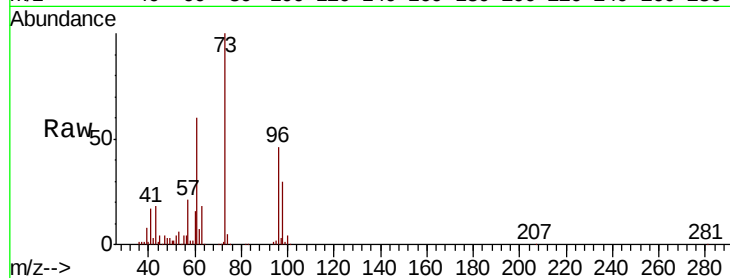




#19
Methvl tert-butvl Ether
Concen: 51.397 ug/l
RT: 5.25 min Scan# 577
Delta R.T. -0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

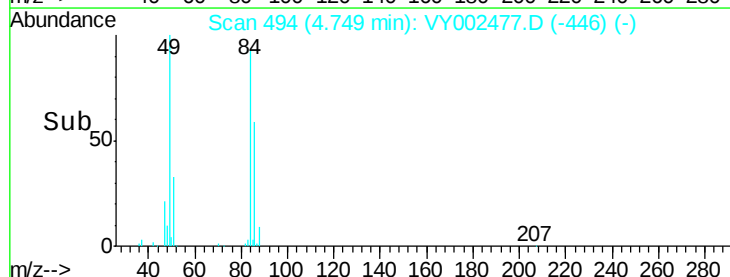
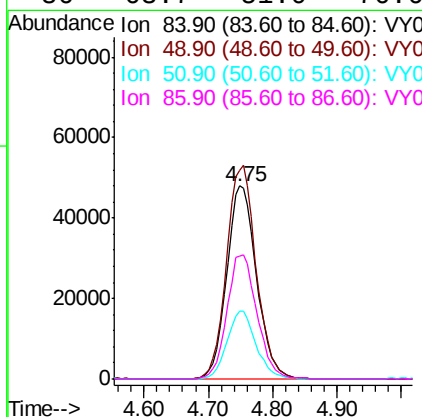
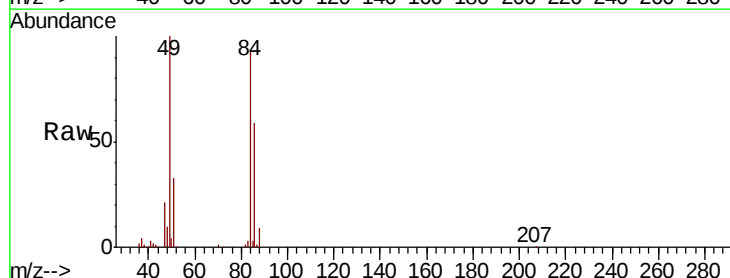
Instrument :
MSVOA_Y
ClientSampleId :

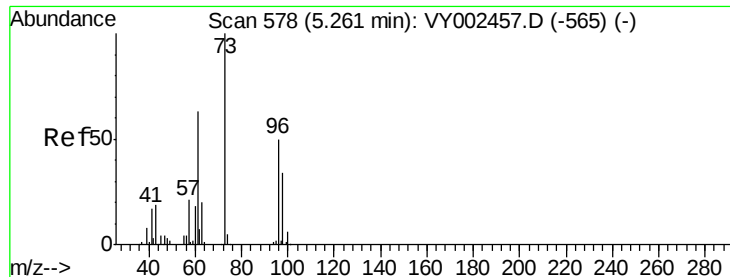
Tot Ion: 73 Resp: 397711
Ion Ratio Lower Upper
73 100
57 20.7 16.0 24.0



#20
Methylene Chloride
Concen: 44.513 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 84 Resp: 155500
Ion Ratio Lower Upper
84 100
49 107.9 86.9 130.3
51 35.3 27.3 40.9
86 63.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 49.202 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

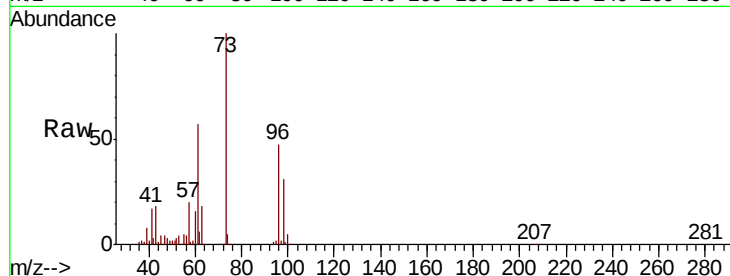
Tot Ion: 96 Resp: 158847

Ion Ratio Lower Upper

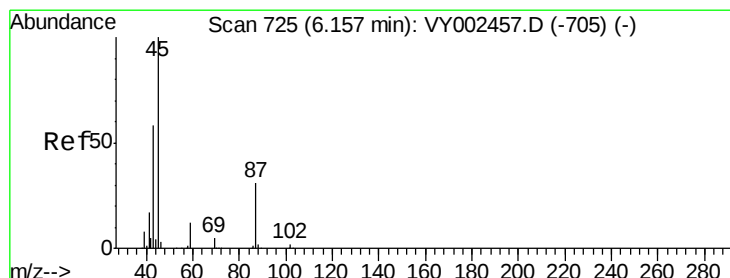
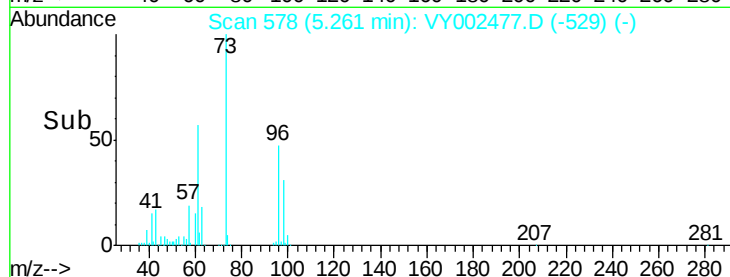
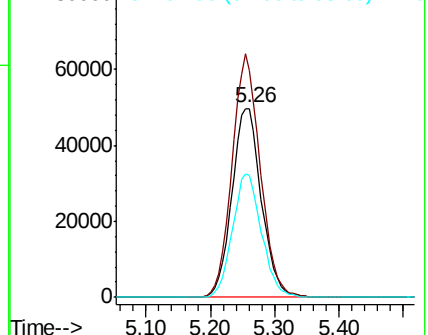
96 100

61 120.4 101.4 152.0

98 65.0 53.6 80.4



Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 49.211 ug/l

RT: 6.15 min Scan# 724

Delta R.T. -0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Tgt Ion: 45 Resp: 410042

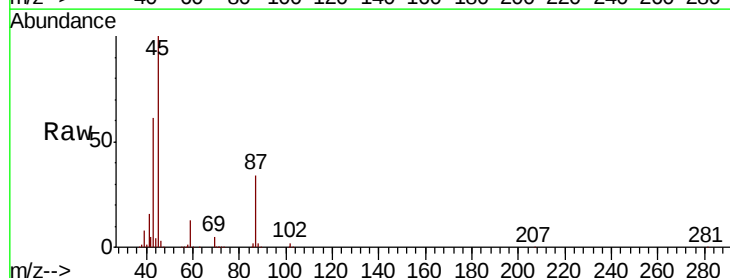
Ion Ratio Lower Upper

45 100

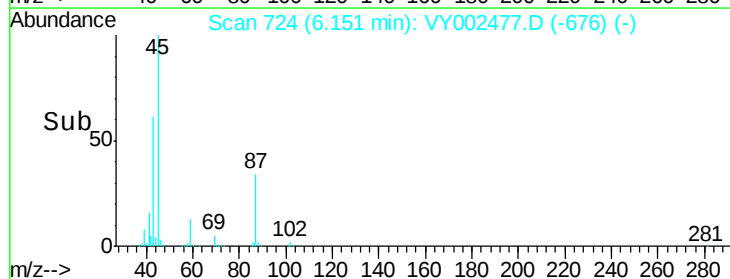
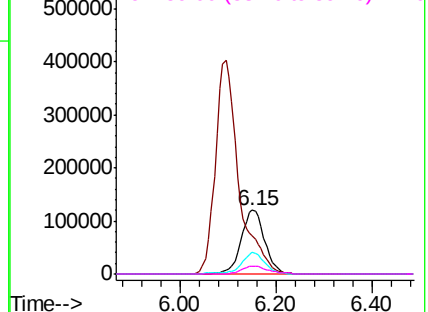
43 61.0 47.1 70.7

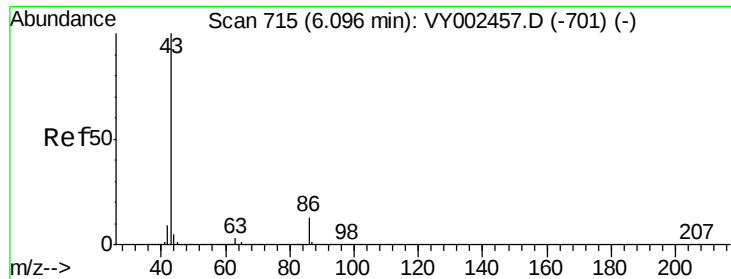
87 33.5 25.0 37.6

59 12.6 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0

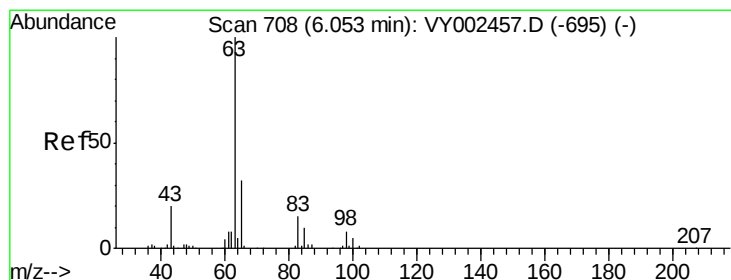
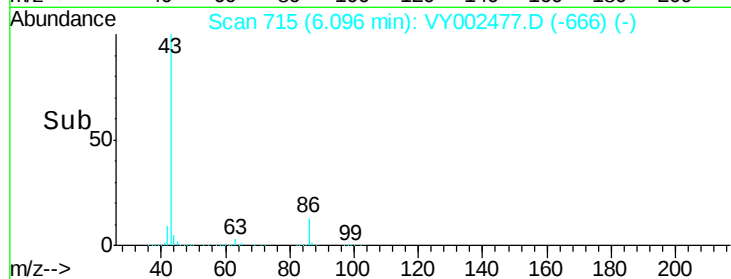
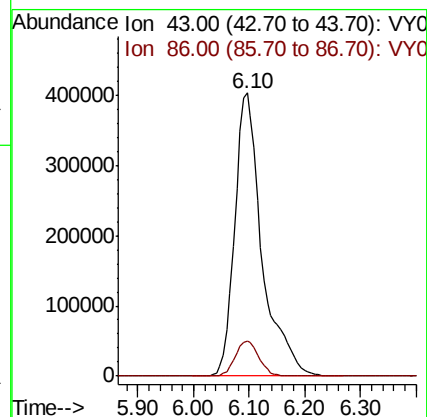
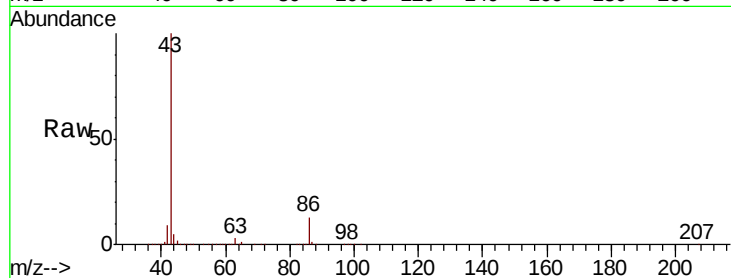




#23
 Vinyl Acetate
 Concen: 257.580 ug/l
 RT: 6.10 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

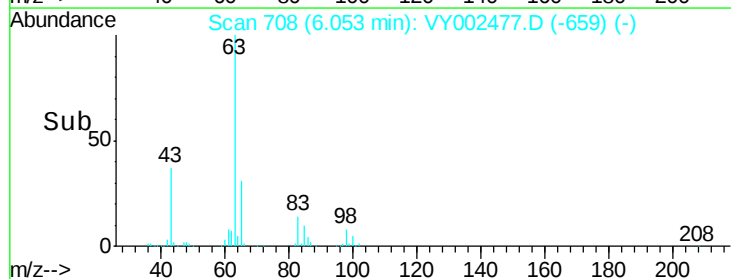
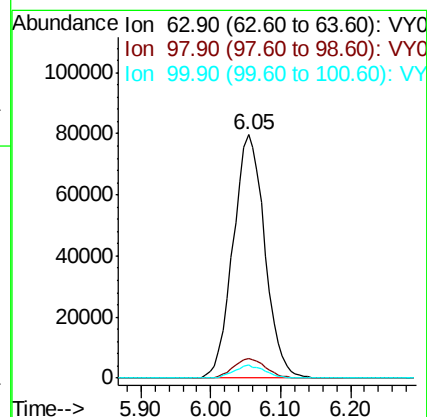
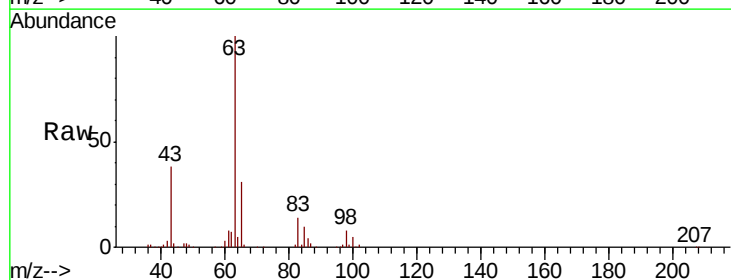
Instrument :
 MSVOA_Y
 ClientSampleId :

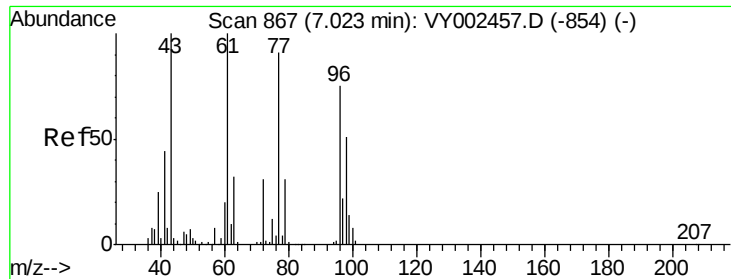
Tot Ion: 43 Resp: 1363788
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.2 15.4



#24
 1,1-Dichloroethane
 Concen: 49.520 ug/l
 RT: 6.05 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion: 63 Resp: 249812
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.1 12.3
 100 5.3 2.5 7.4

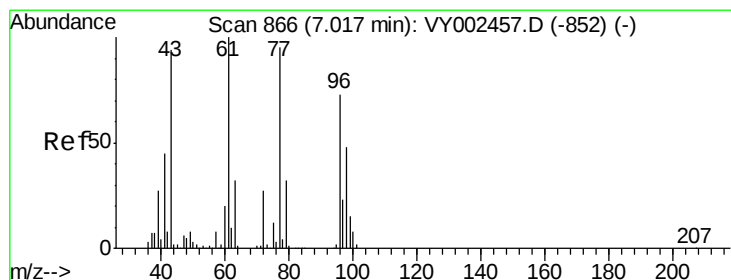
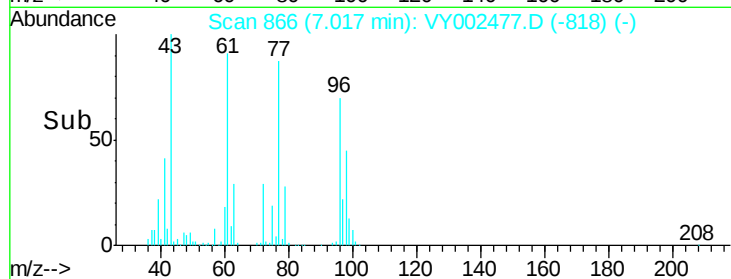
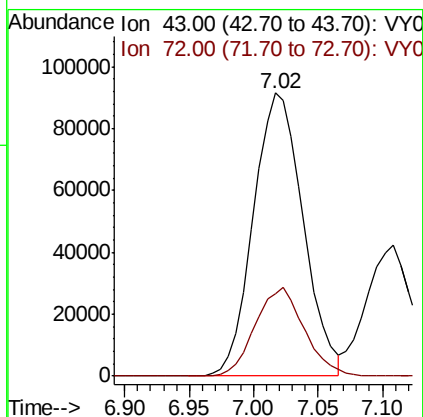
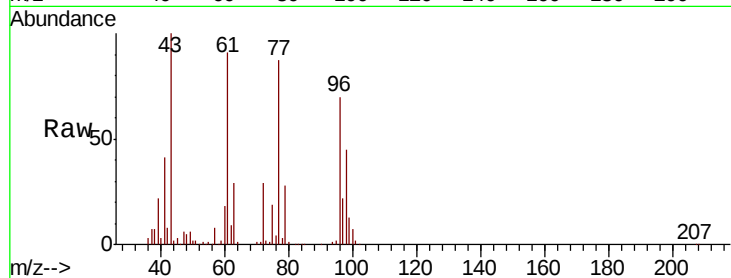




#25
2-Butanone
Concen: 262.094 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

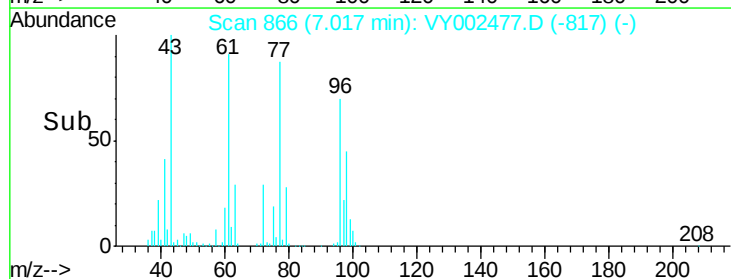
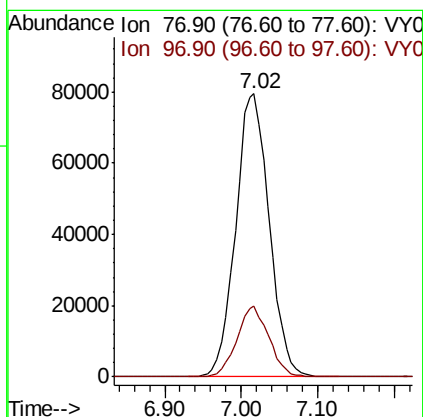
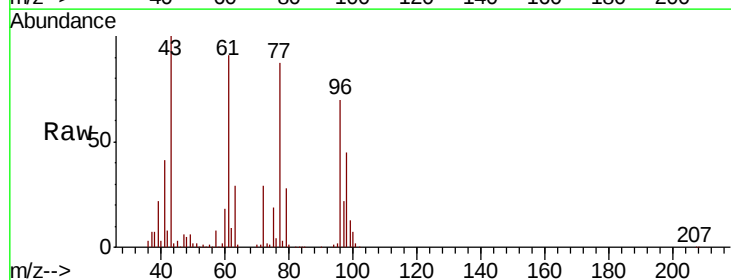
Instrument :
MSVOA_Y
ClientSampled :

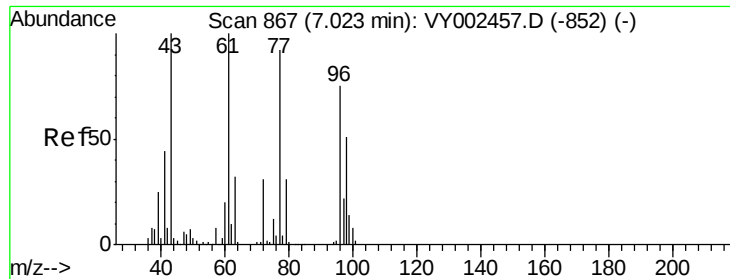
Tot Ion: 43 Resp: 245685
Ion Ratio Lower Upper
43 100
72 29.3 24.8 37.2



#26
2,2-Dichloropropane
Concen: 49.997 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 77 Resp: 241211
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.0



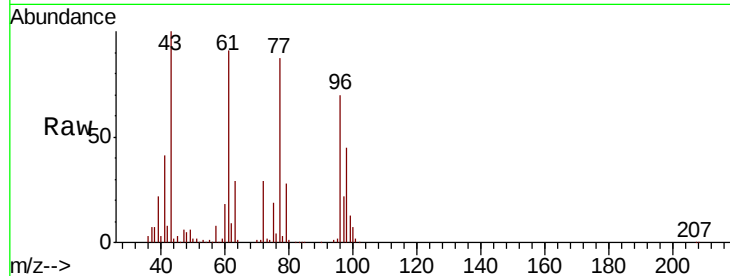


#27

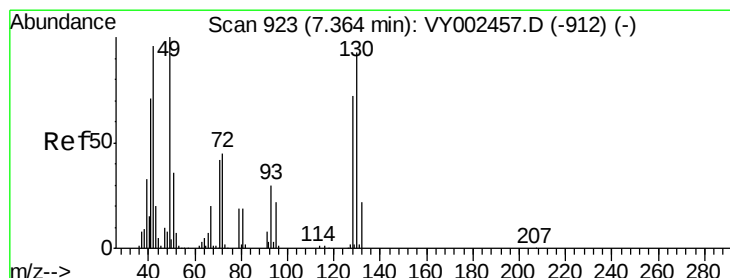
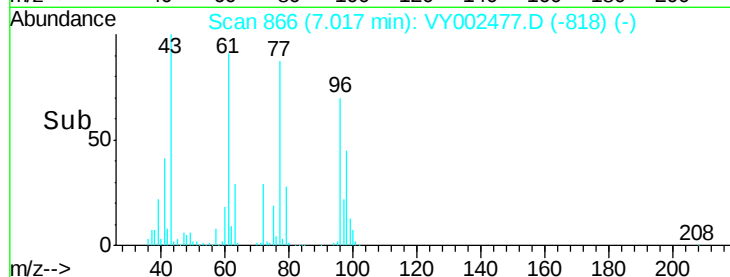
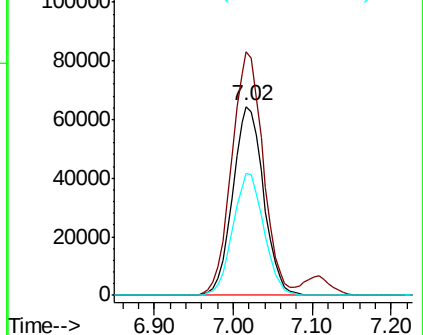
cis-1,2-Dichloroethene
Concen: 49.742 ug/l
RT: 7.02 min Scan# 866
Delta R.T. -0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 174669
Ion Ratio Lower Upper
96 100
61 131.8 0.0 262.6
98 65.0 0.0 131.0



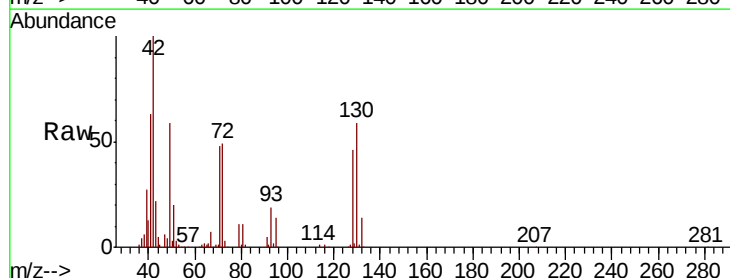
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



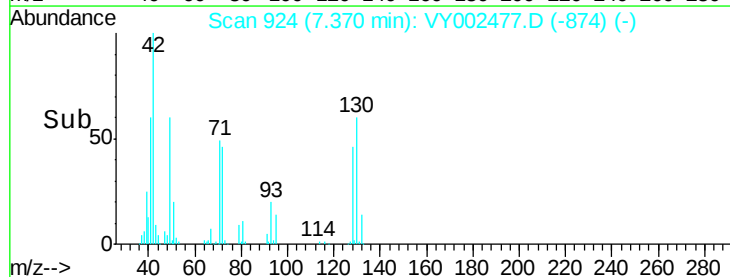
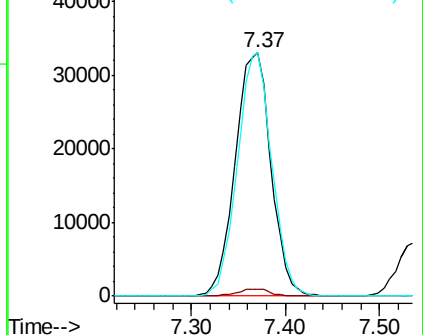
#28

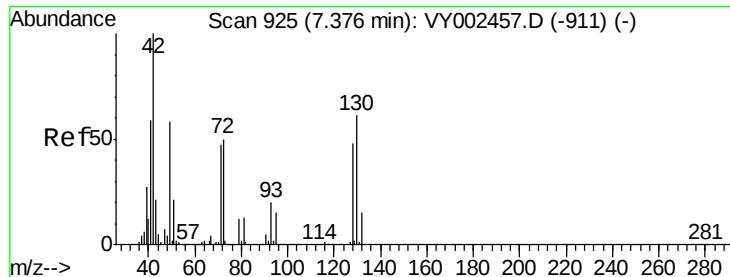
Bromochloromethane
Concen: 44.406 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 49 Resp: 87395
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 96.5 76.3 114.5



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): VY0
Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 258.702 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

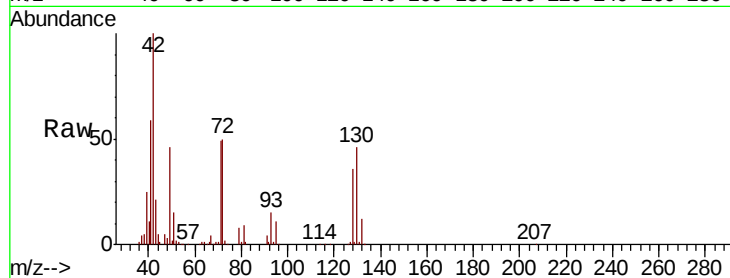
Tot Ion: 42 Resp: 160781

Ion Ratio Lower Upper

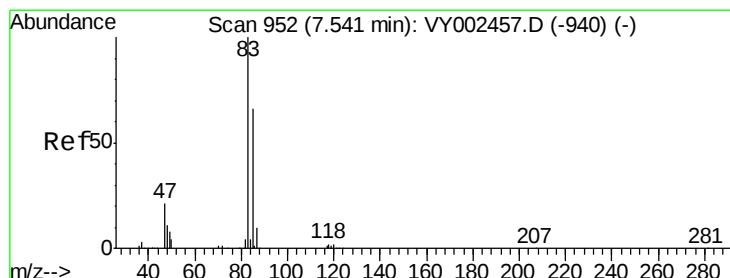
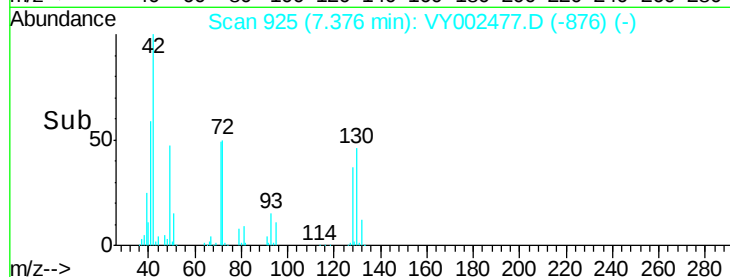
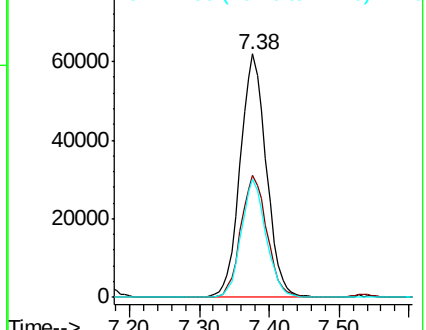
42 100

72 50.1 39.5 59.3

71 46.1 37.6 56.4



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 49.076 ug/l

RT: 7.53 min Scan# 951

Delta R.T. -0.01 min

Lab File: VY002477.D

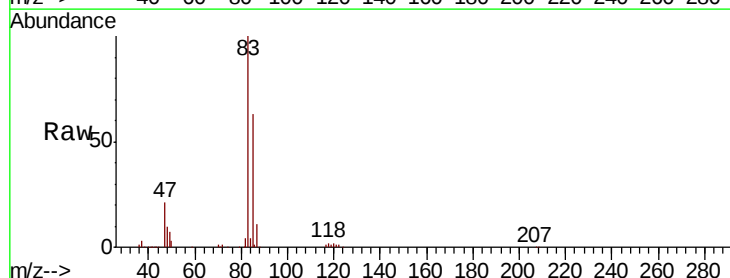
Acq: 24 Apr 2020 10:19

Tgt Ion: 83 Resp: 263602

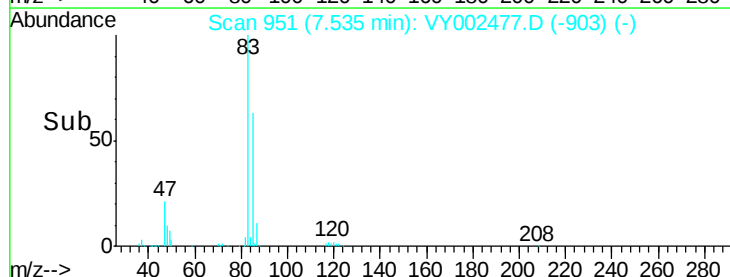
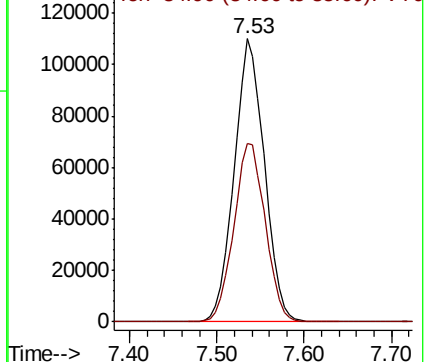
Ion Ratio Lower Upper

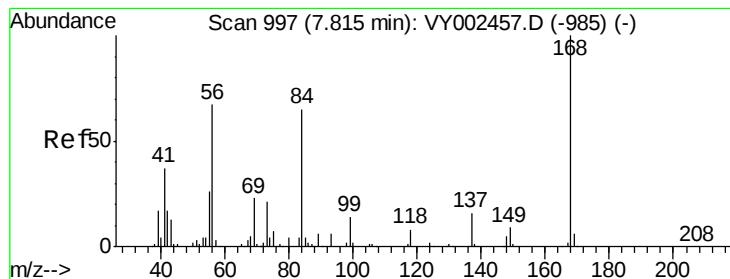
83 100

85 63.1 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.719 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

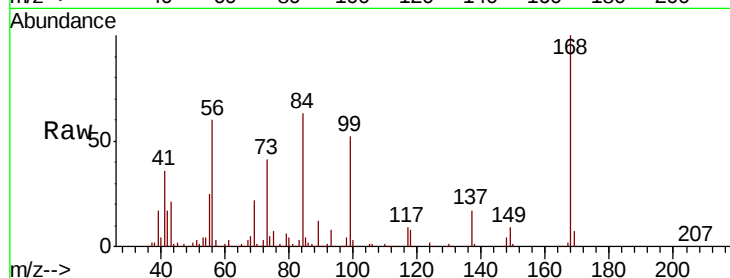
Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 230631

Ion	Ratio	Lower	Upper
56	100		
69	35.9	27.0	40.6
84	102.1	77.4	116.2

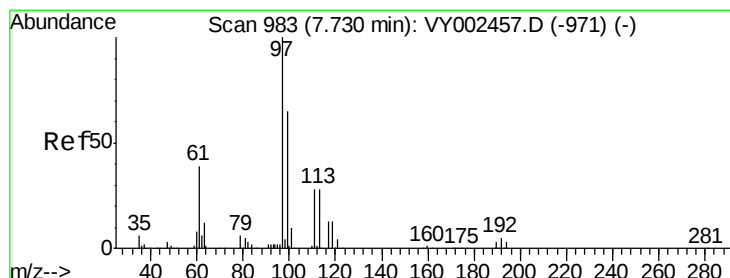
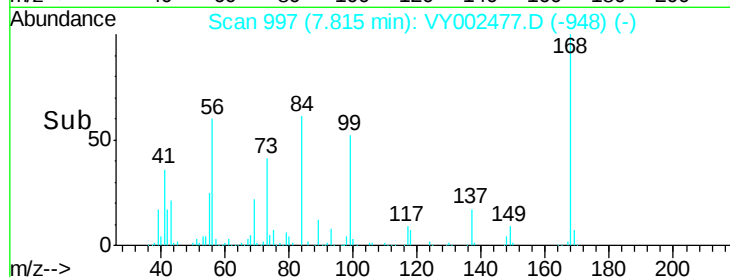
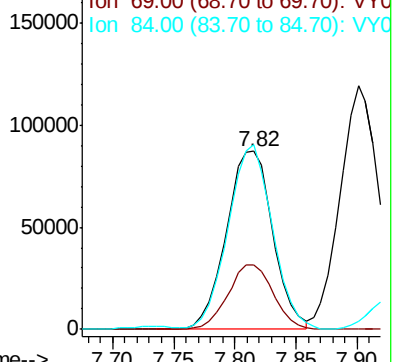


Abundance

Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 49.348 ug/l

RT: 7.73 min Scan# 983

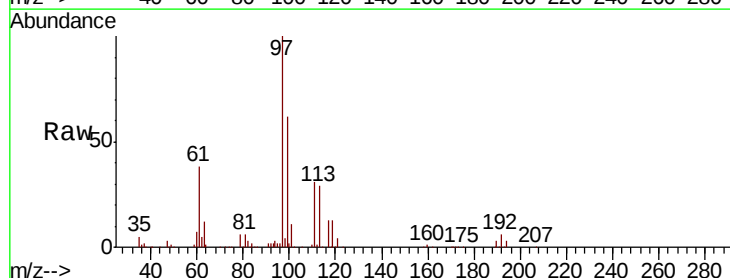
Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Tgt Ion: 97 Resp: 250458

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.6	77.4
61	38.0	30.6	45.8

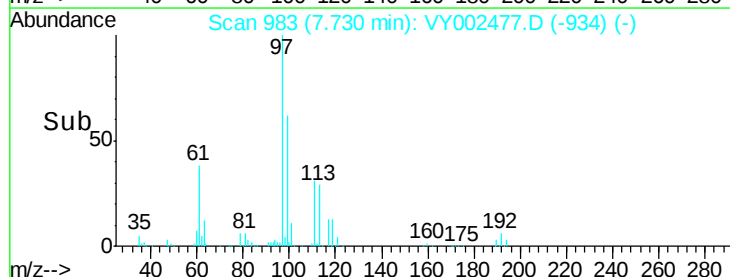
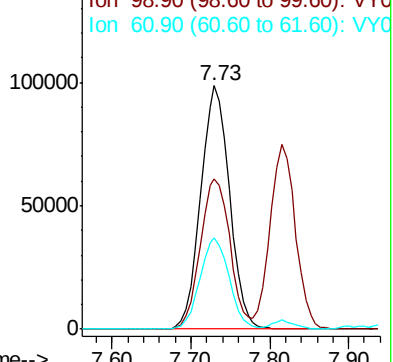


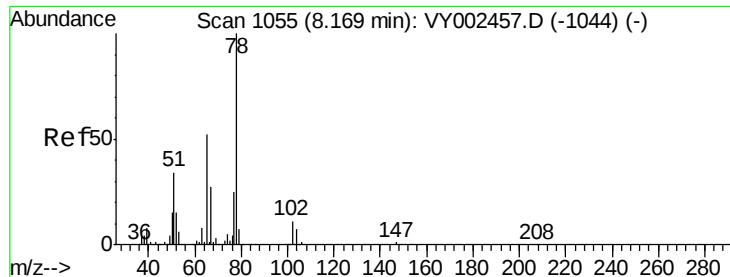
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

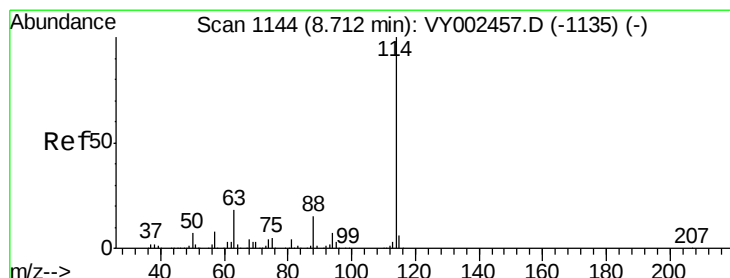
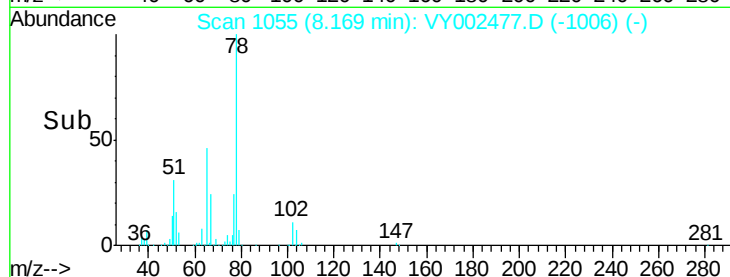
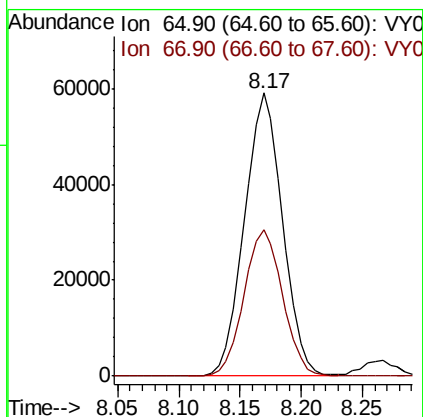
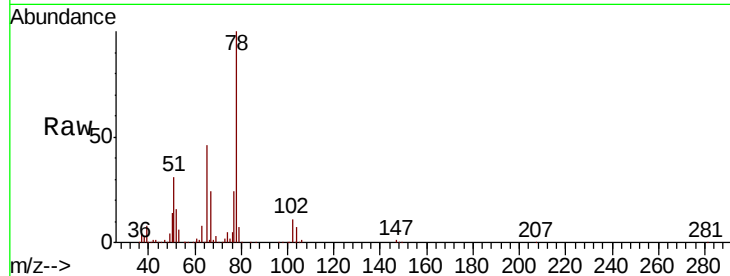




#33
 1,2-Dichloroethane-d4
 Concen: 43.658 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

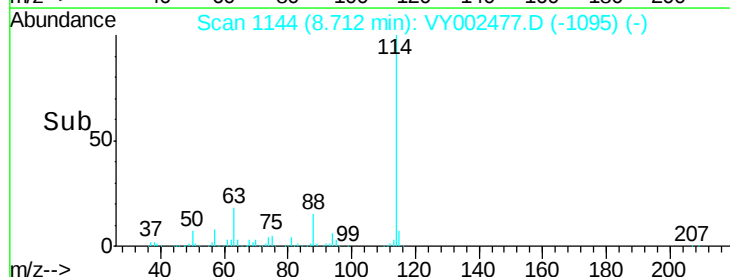
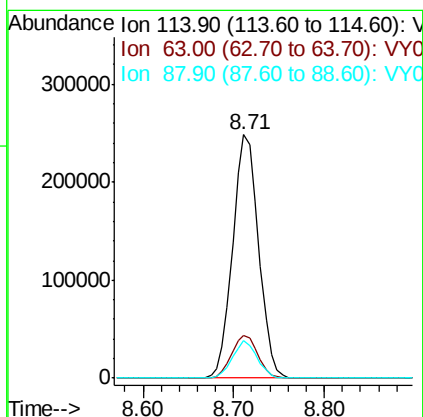
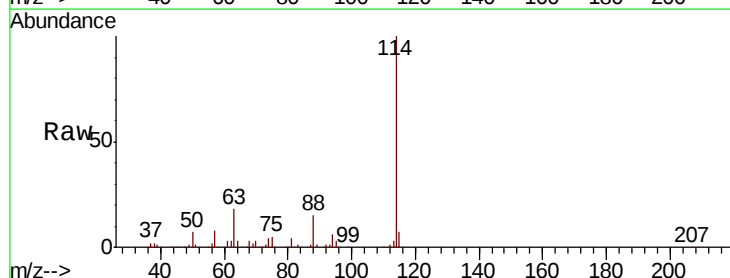
Instrument :
 MSVOA_Y
 ClientSampleId :

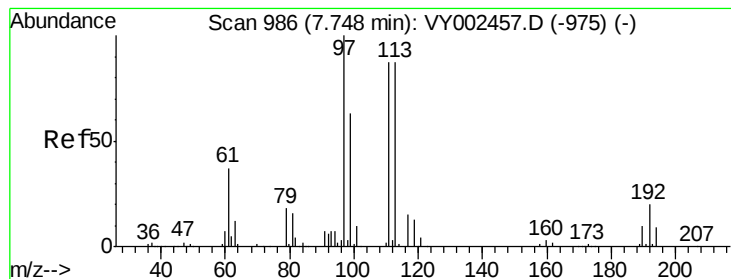
Tot Ion: 65 Resp: 127823
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion: 114 Resp: 492380
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.6
 88 15.3 0.0 29.4





#35

Dibromofluoromethane

Concen: 45.969 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

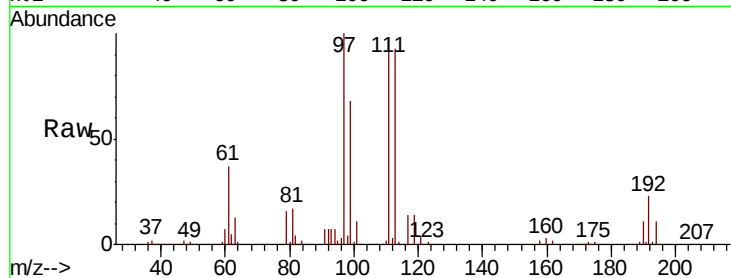
Tot Ion:113 Resp: 127670

Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.4

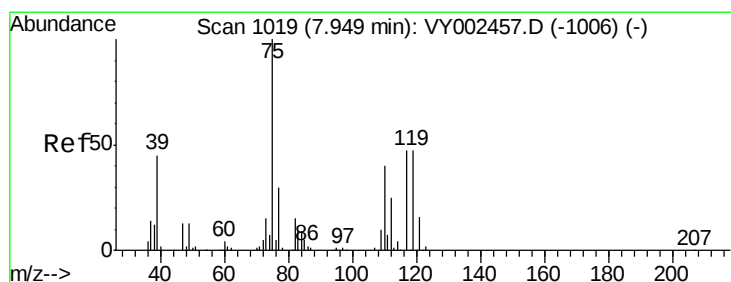
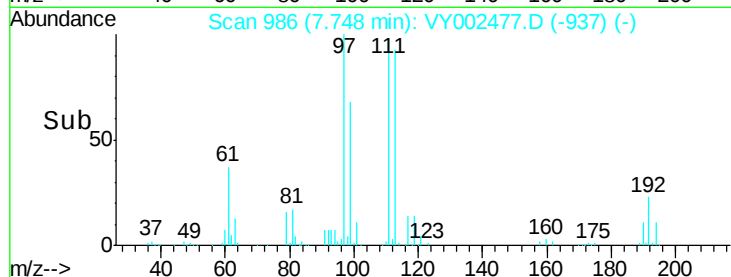
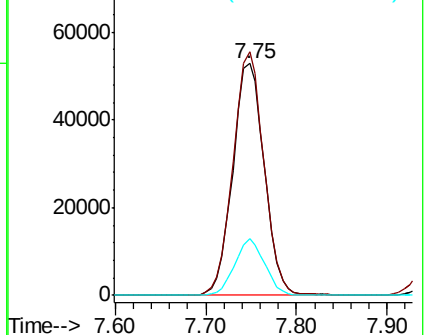
192 23.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.965 ug/l

RT: 7.94 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

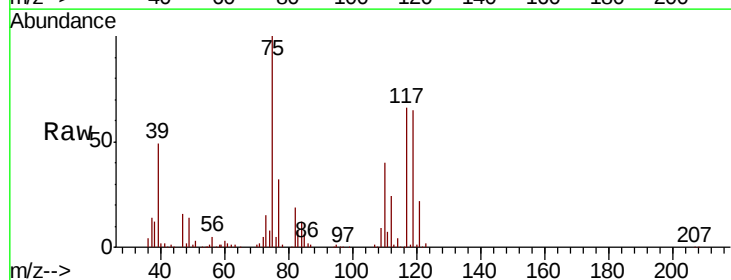
Tgt Ion: 75 Resp: 206728

Ion Ratio Lower Upper

75 100

110 38.5 19.4 58.4

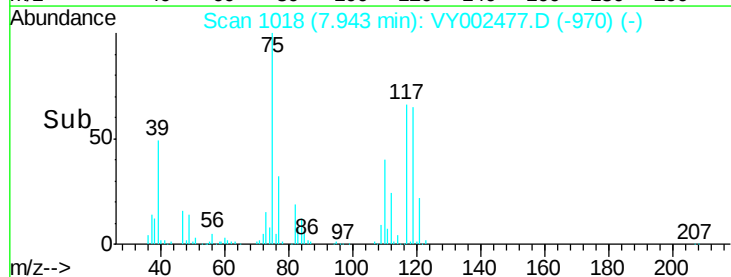
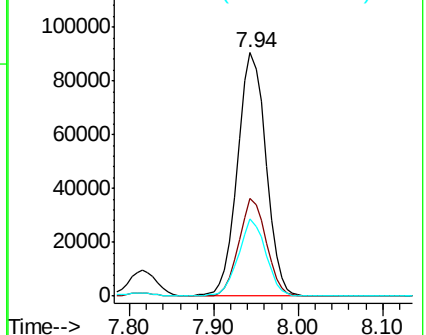
77 30.5 24.7 37.1

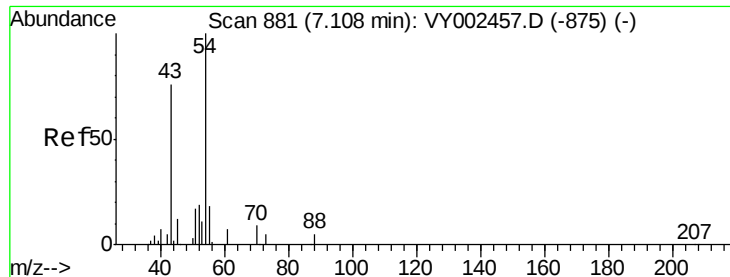


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

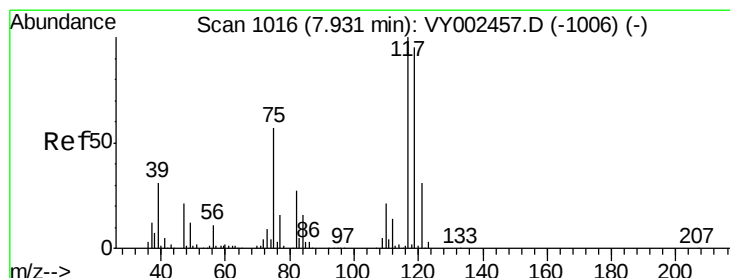
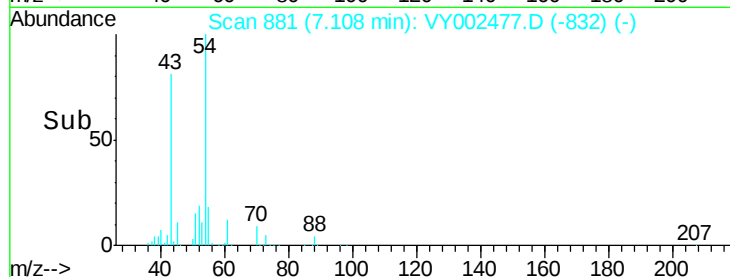
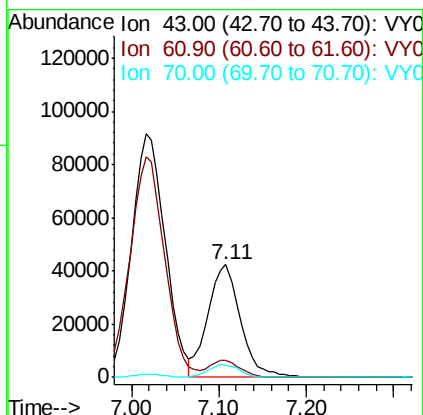
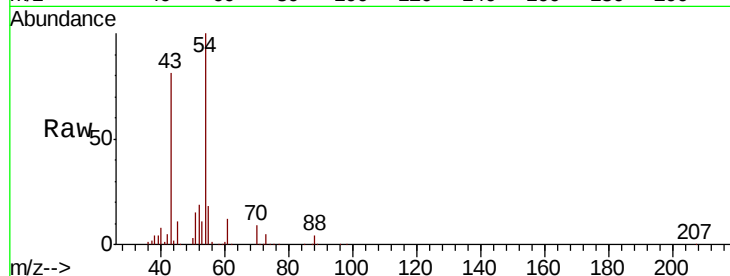




#37
Ethyl Acetate
Concen: 51.833 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

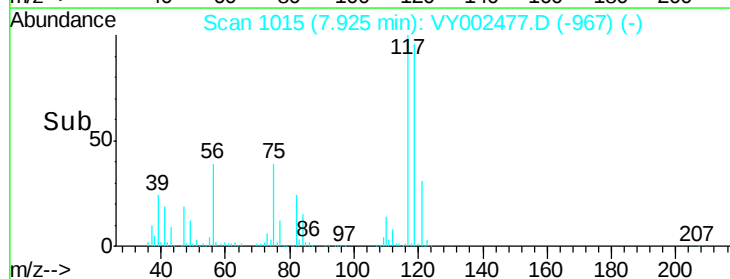
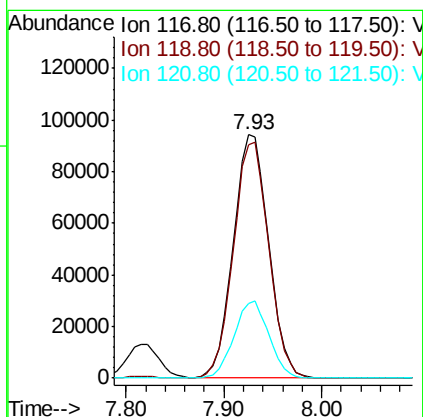
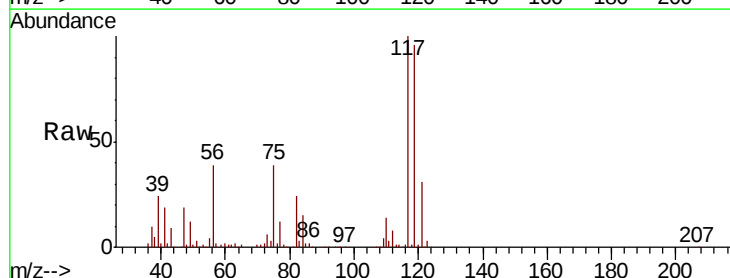
Instrument :
MSVOA_Y
ClientSampled :

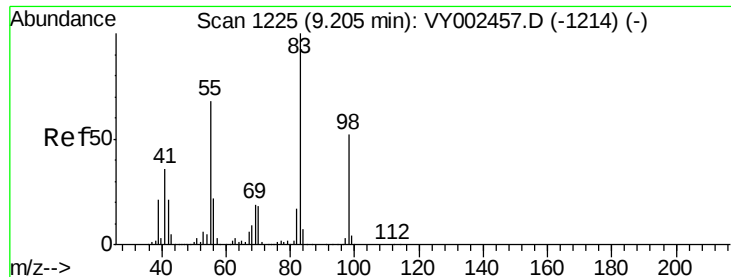
Tot Ion: 43 Resp: 109938
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.8
70 11.1 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.686 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 117 Resp: 236372
Ion Ratio Lower Upper
117 100
119 95.6 75.9 113.9
121 30.8 24.5 36.7

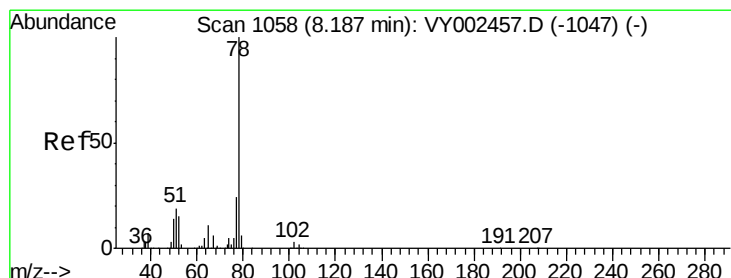
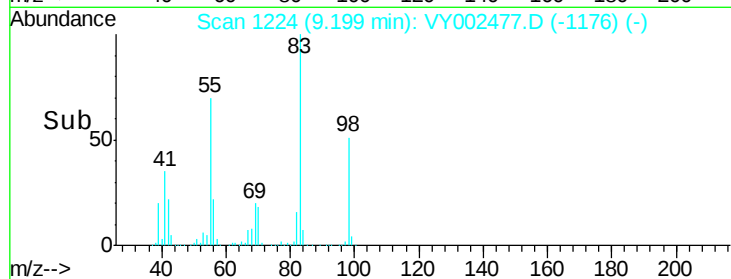
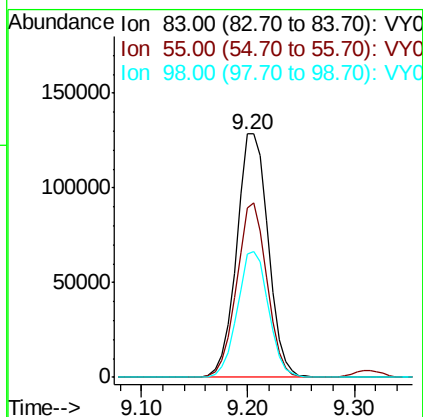
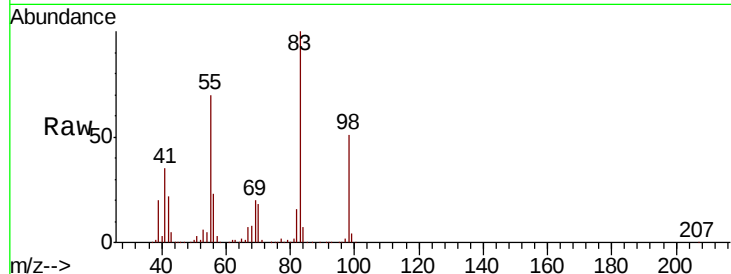




#39
Methvlcvclohexane
Concen: 48.712 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

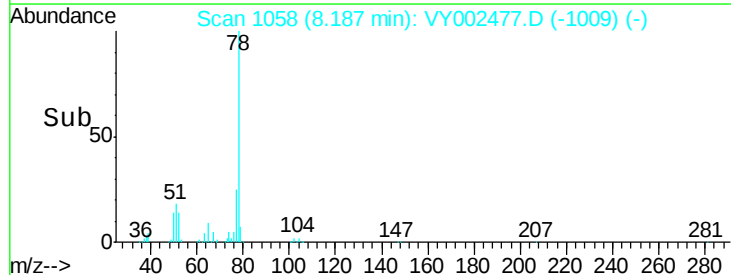
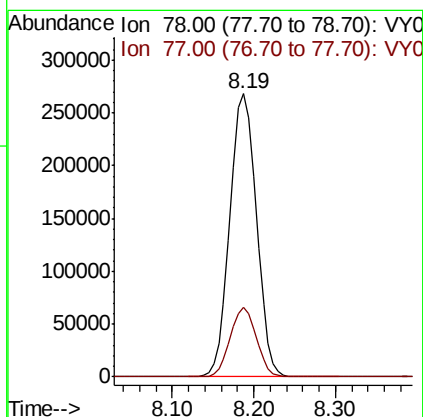
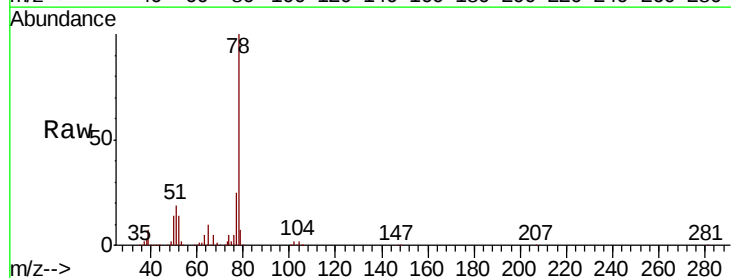
Instrument :
MSVOA_Y
ClientSampleId :

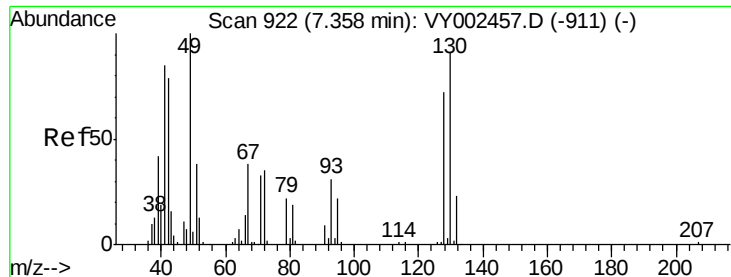
Tot Ion: 83 Resp: 268280
Ion Ratio Lower Upper
83 100
55 69.7 54.2 81.2
98 50.8 41.9 62.9



#40
Benzene
Concen: 49.322 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 78 Resp: 601857
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#41

Methacrylonitrile

Concen: 114.387 ug/l

RT: 7.38 min Scan# 925

Delta R.T. 0.02 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 41 Resp: 149476

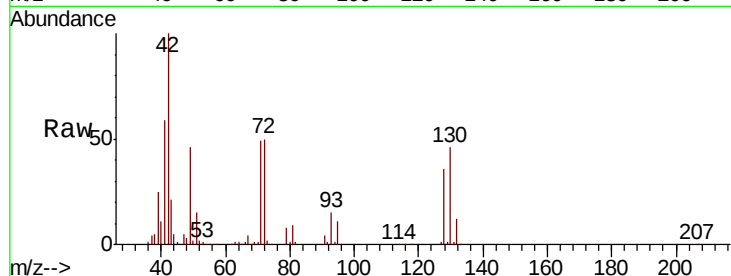
Ion Ratio Lower Upper

41 100

39 46.2 85.7 128.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

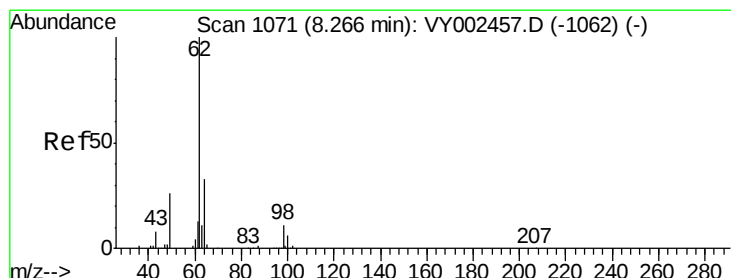
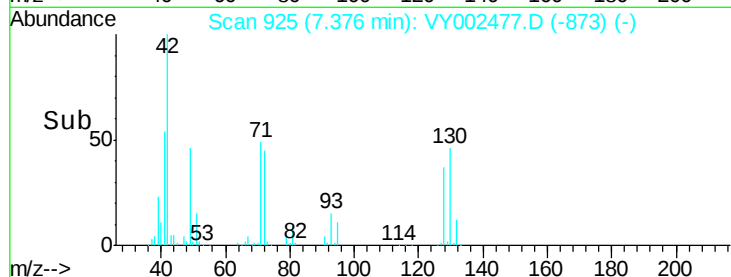
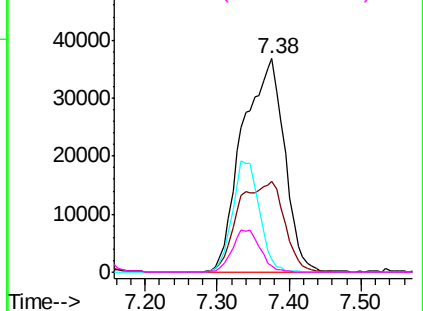


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.408 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VY002477.D

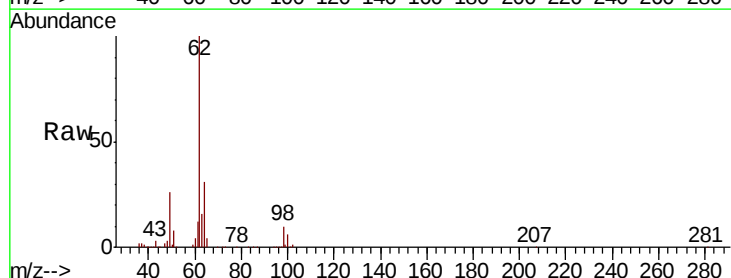
Acq: 24 Apr 2020 10:19

Tgt Ion: 62 Resp: 175142

Ion Ratio Lower Upper

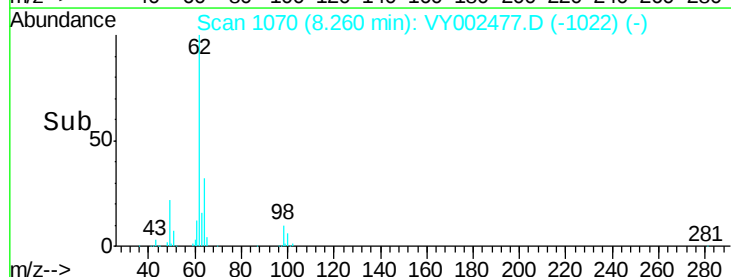
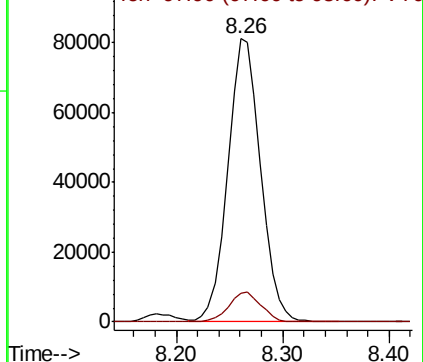
62 100

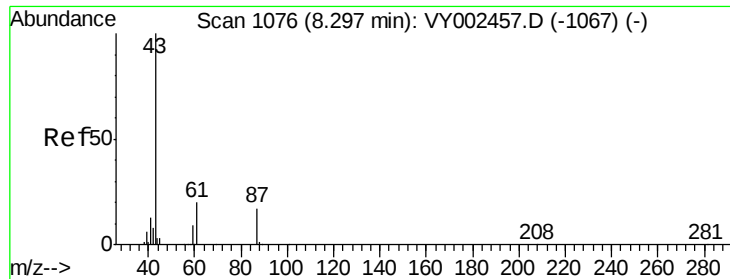
98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

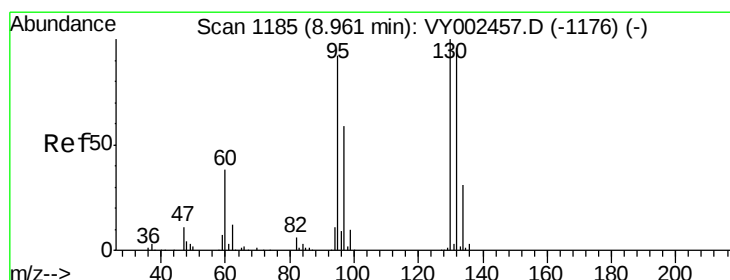
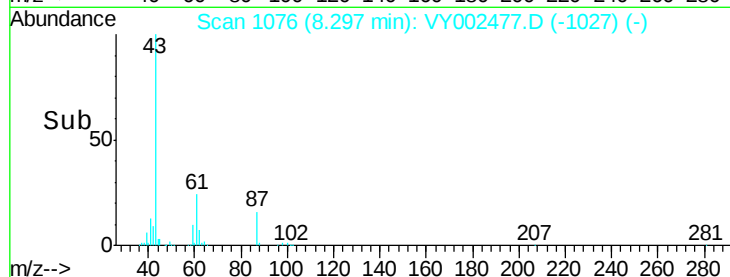
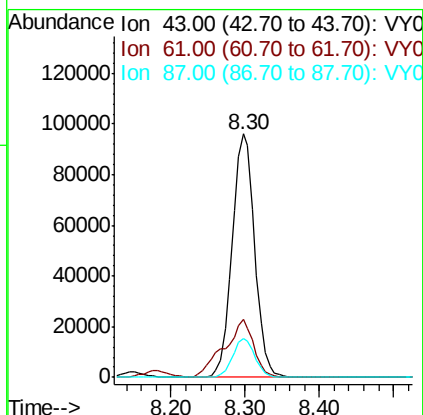
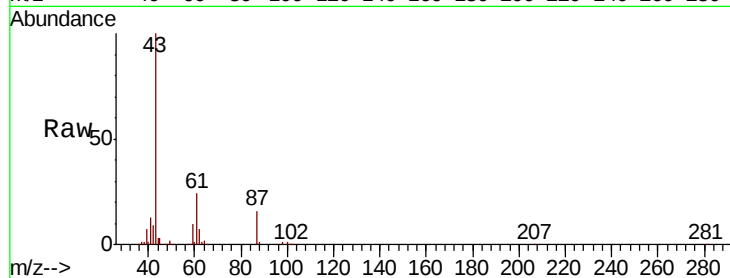




#43
Isopropyl Acetate
Concen: 51.170 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

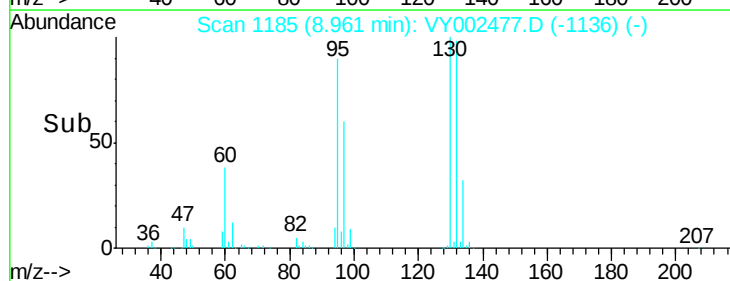
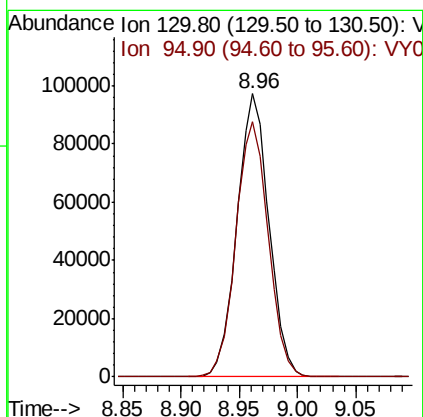
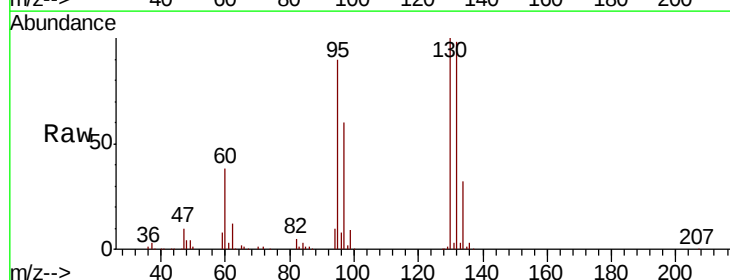
Instrument :
MSVOA_Y
ClientSampleId :

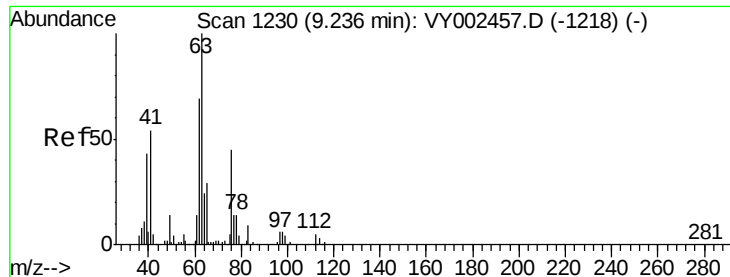
Tot Ion: 43 Resp: 202993
Ion Ratio Lower Upper
43 100
61 31.0 25.0 37.4
87 15.6 13.0 19.4



#44
Trichloroethene
Concen: 48.697 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion:130 Resp: 185810
Ion Ratio Lower Upper
130 100
95 90.3 0.0 184.2

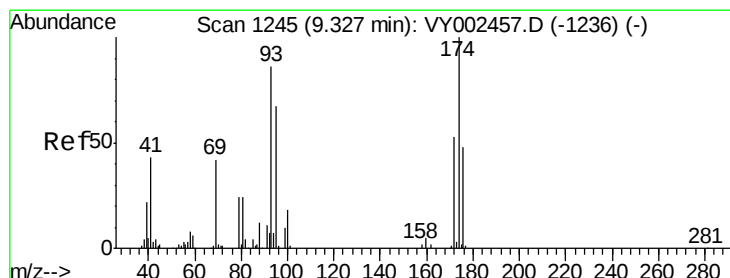
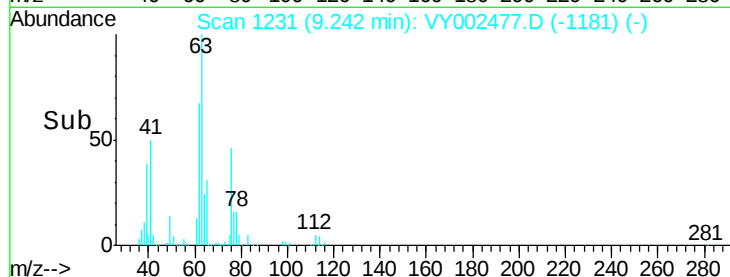
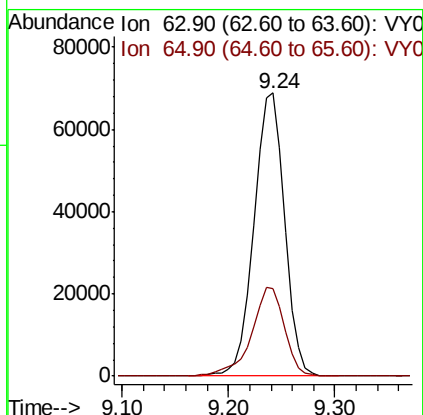
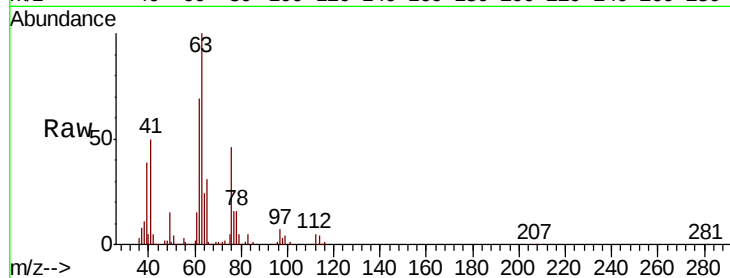




#45
 1,2-Dichloropropane
 Concen: 49.425 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

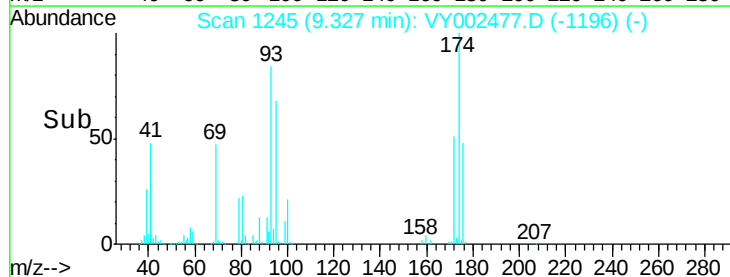
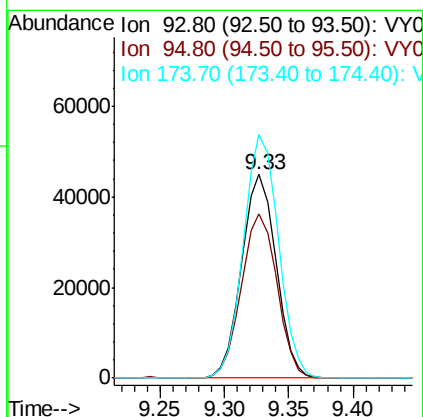
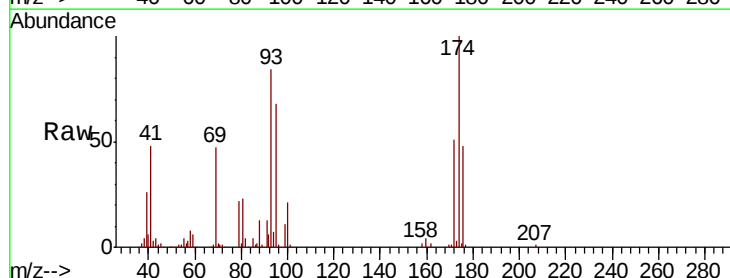
Instrument :
 MSVOA_Y
 ClientSampleId :

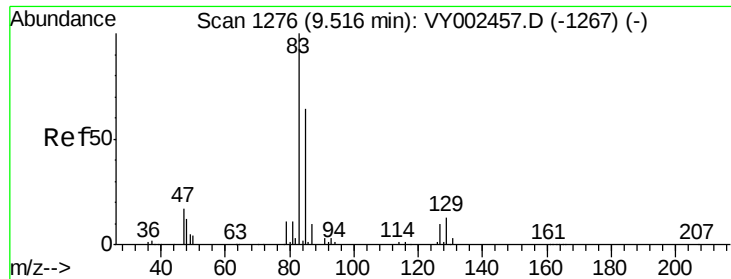
Tot Ion: 63 Resp: 139003
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.4 35.0



#46
 Dibromomethane
 Concen: 50.831 ug/l
 RT: 9.33 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion: 93 Resp: 83639
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.4 98.0
 174 121.0 94.8 142.2





#47

Bromodichloromethane

Concen: 50.619 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampled :

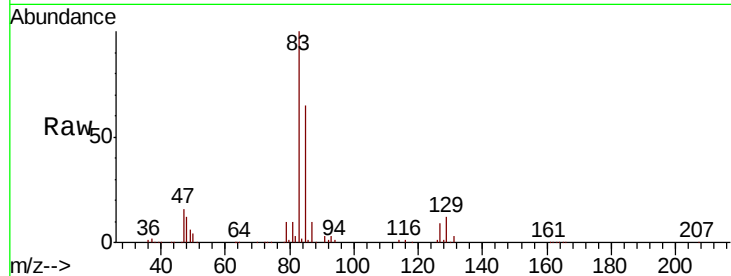
Tot Ion: 83 Resp: 208288

Ion Ratio Lower Upper

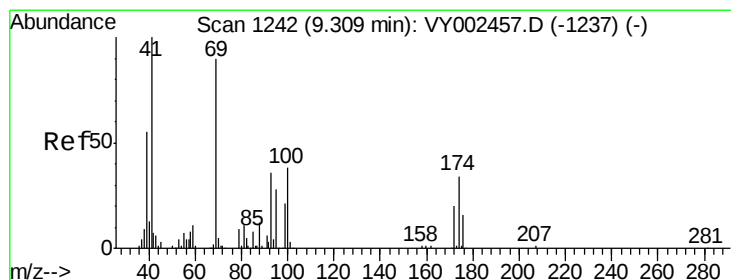
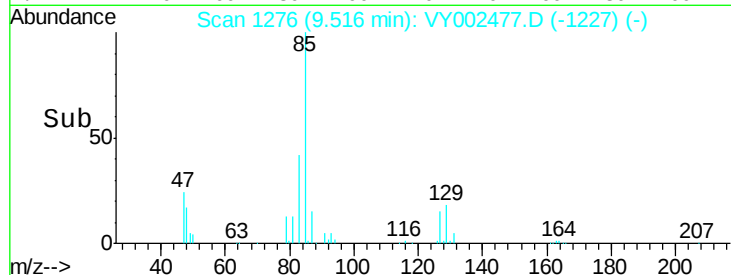
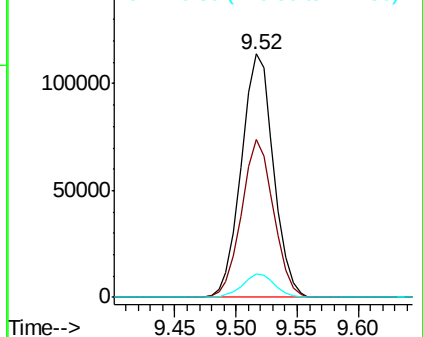
83 100

85 64.9 51.2 76.8

127 9.5 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.598 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

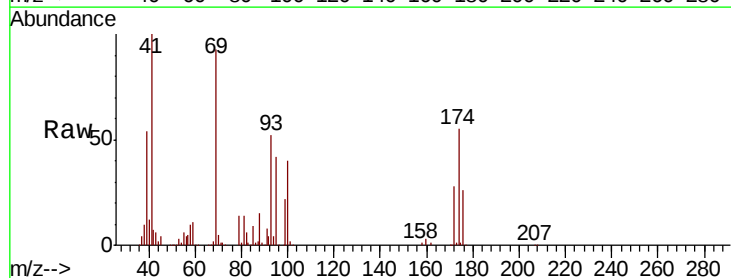
Tgt Ion: 41 Resp: 93443

Ion Ratio Lower Upper

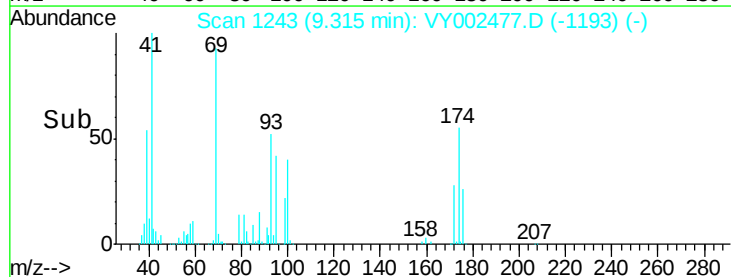
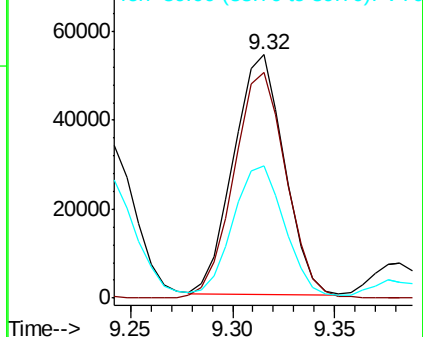
41 100

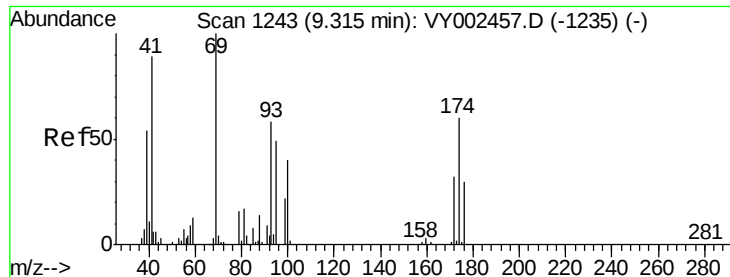
69 96.9 77.9 116.9

39 54.5 47.9 71.9



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

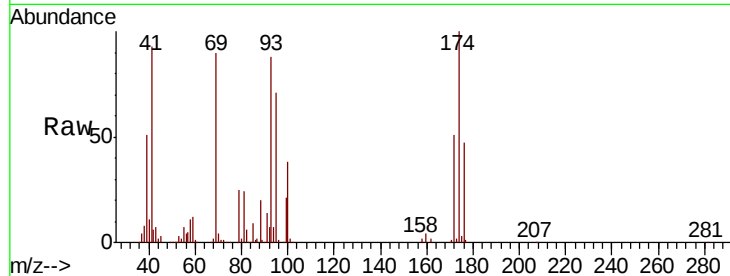




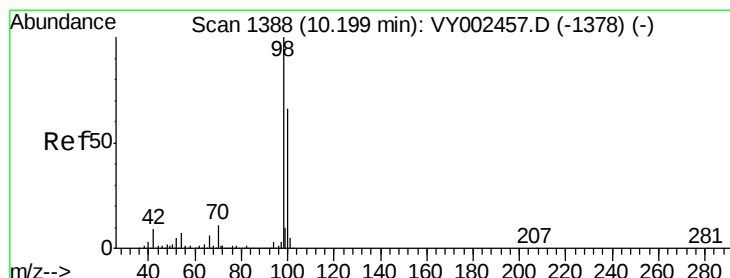
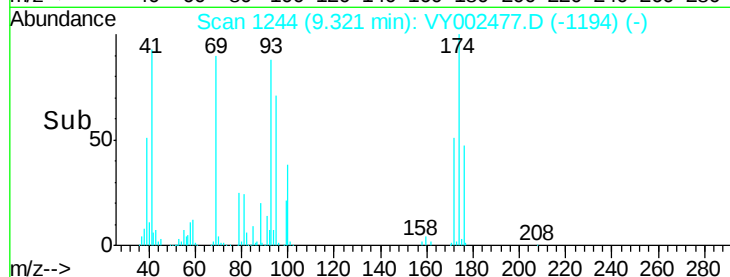
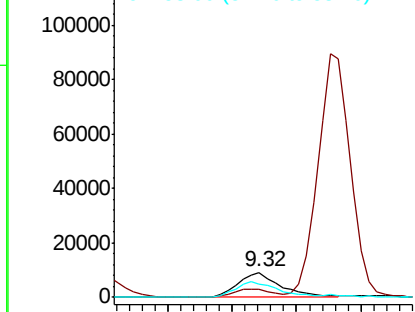
#49
1,4-Dioxane
Concen: 1004.976 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 21074
Ion Ratio Lower Upper
88 100
43 28.8 22.9 34.3
58 62.8 49.5 74.3

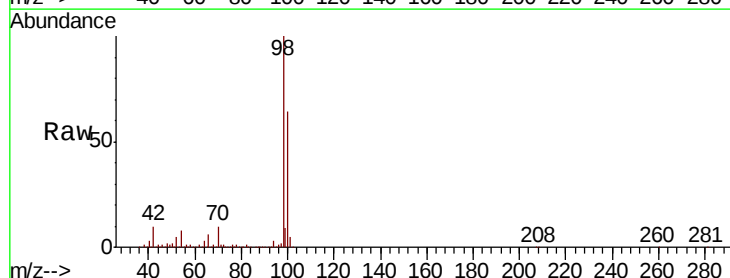


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

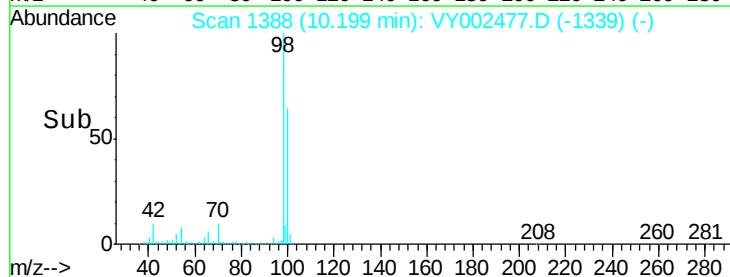
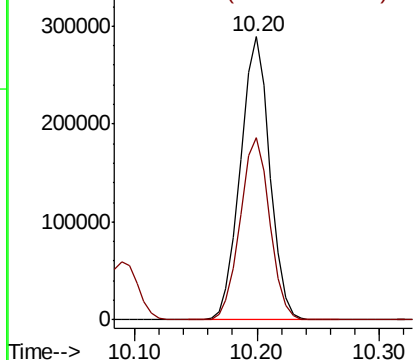


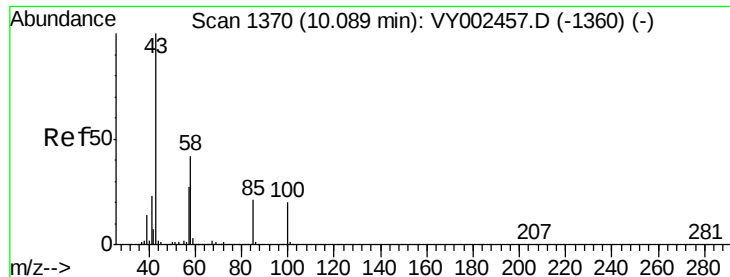
#50
Toluene-d8
Concen: 43.179 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 98 Resp: 481985
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

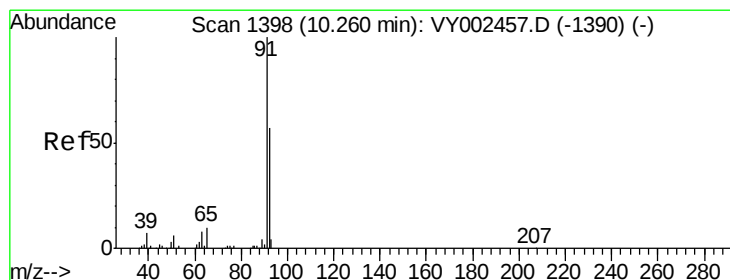
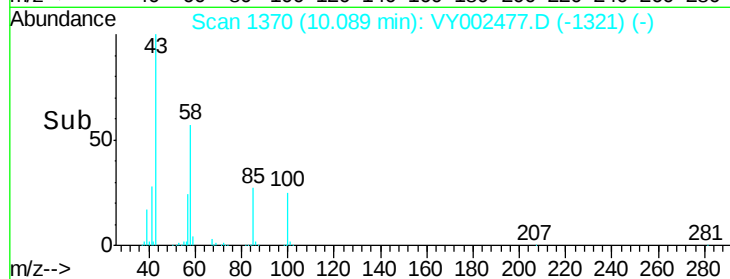
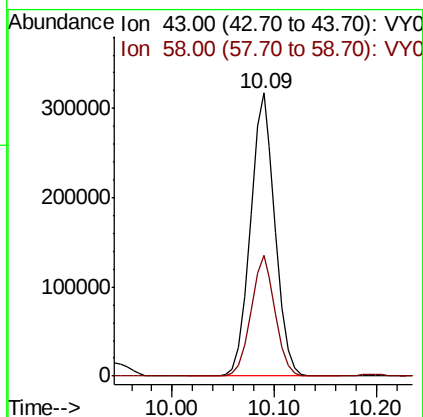
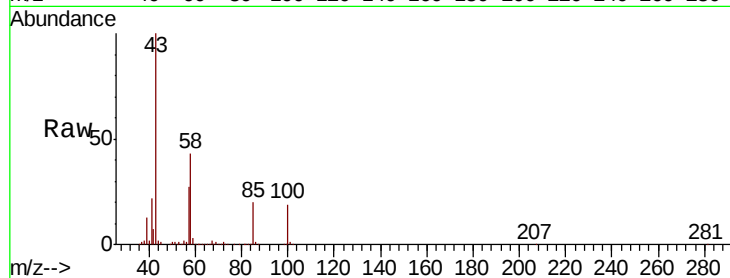




#51
4-Methyl-2-Pentanone
Concen: 257.215 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

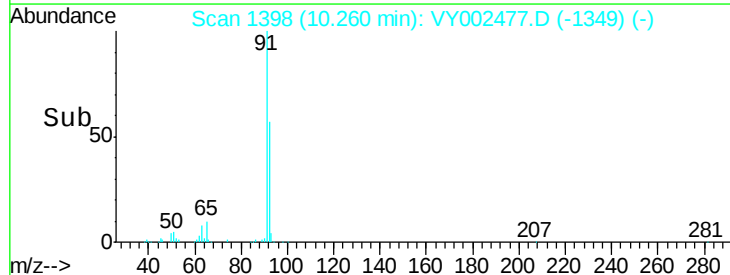
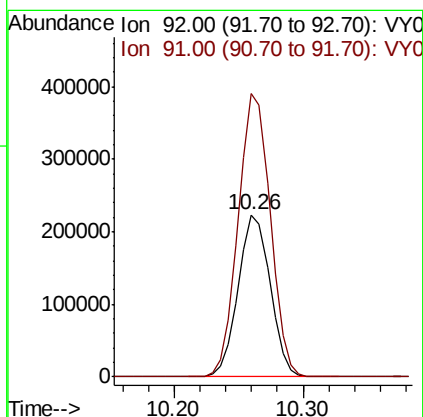
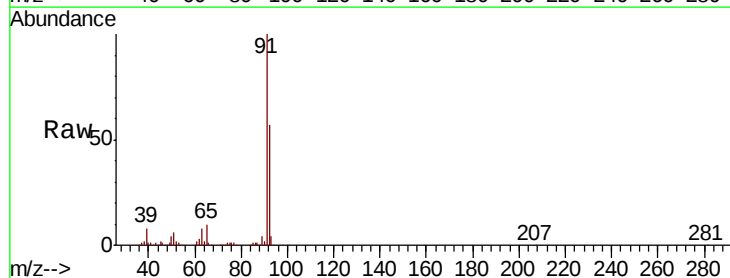
Instrument :
MSVOA_Y
ClientSampled :

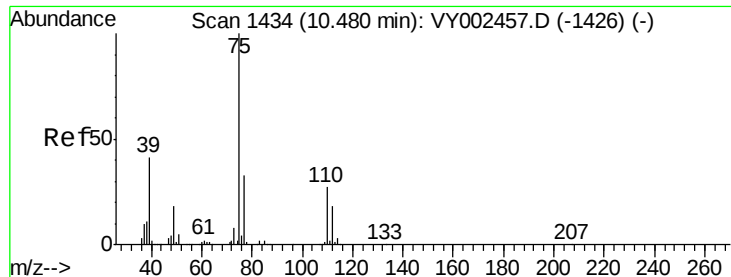
Tot Ion: 43 Resp: 530001
Ion Ratio Lower Upper
43 100
58 42.0 33.2 49.8



#52
Toluene
Concen: 49.089 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 92 Resp: 385593
Ion Ratio Lower Upper
92 100
91 175.0 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 51.535 ug/l

RT: 10.49 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

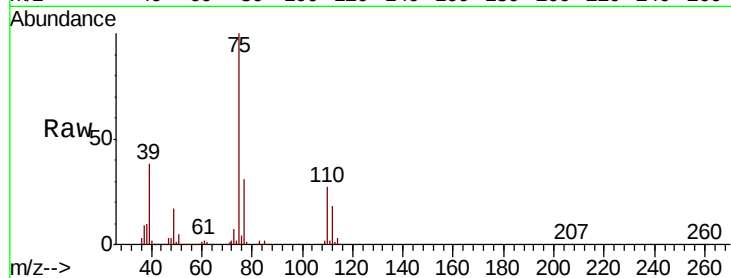
ClientSampled :

Tot Ion: 75 Resp: 222698

Ion Ratio Lower Upper

75 100

77 31.4 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.49

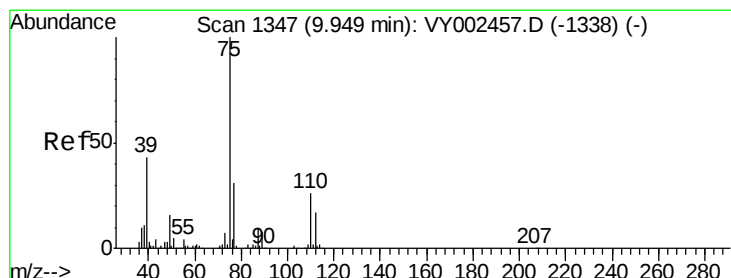
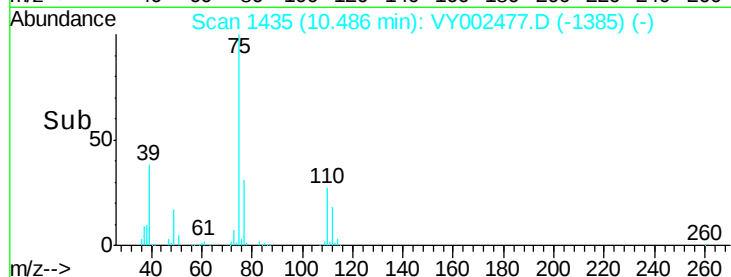
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.266 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

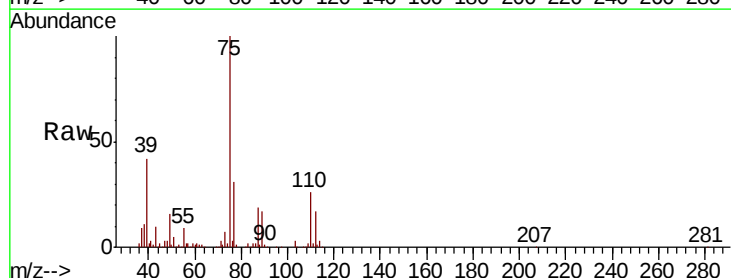
Tgt Ion: 75 Resp: 248618

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 42.0 34.2 51.2



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

200000

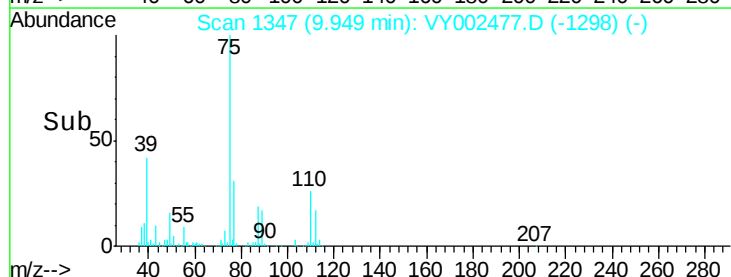
150000

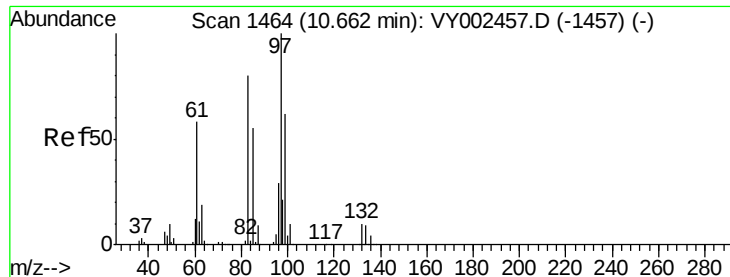
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.147 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion: 97 Resp: 122001

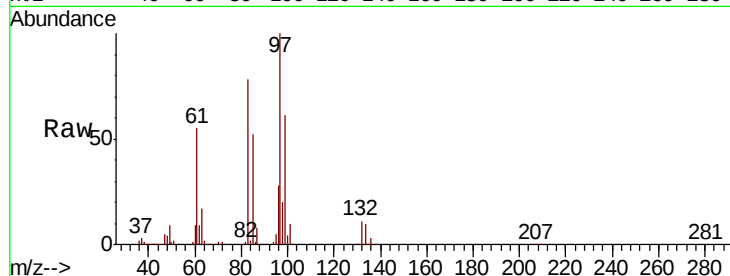
Ion Ratio Lower Upper

97 100

83 78.2 63.8 95.8

85 52.0 43.9 65.9

99 60.6 49.8 74.6

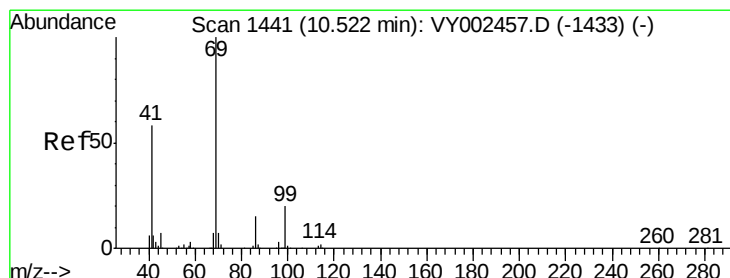
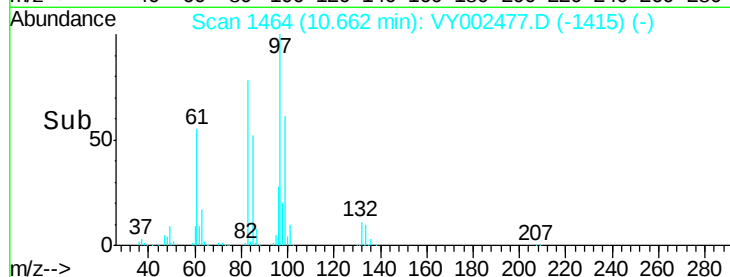
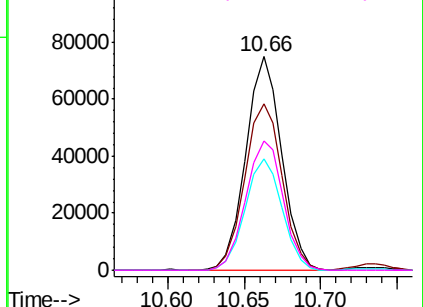


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 51.248 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

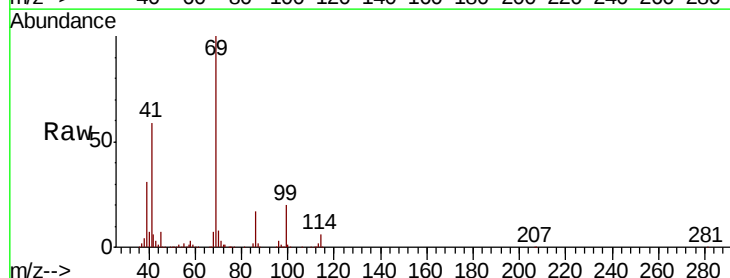
Tgt Ion: 69 Resp: 170360

Ion Ratio Lower Upper

69 100

41 58.8 47.5 71.3

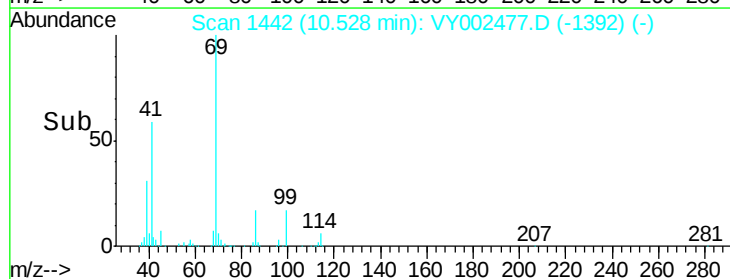
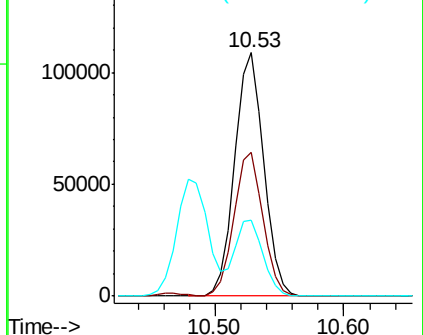
39 31.1 25.7 38.5

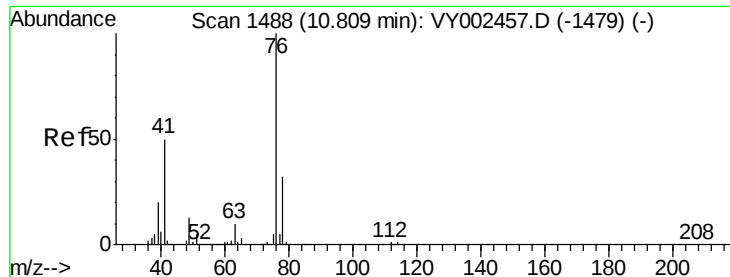


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 49.620 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

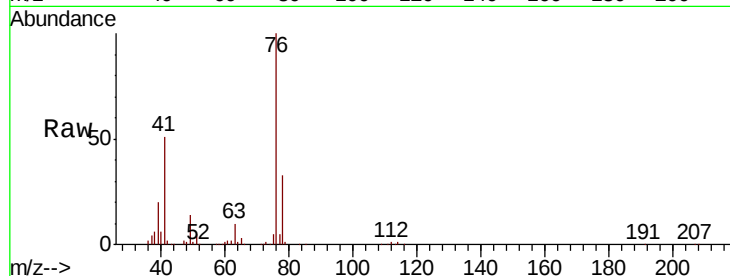
ClientSampled :

Tot Ion: 76 Resp: 203808

Ion Ratio Lower Upper

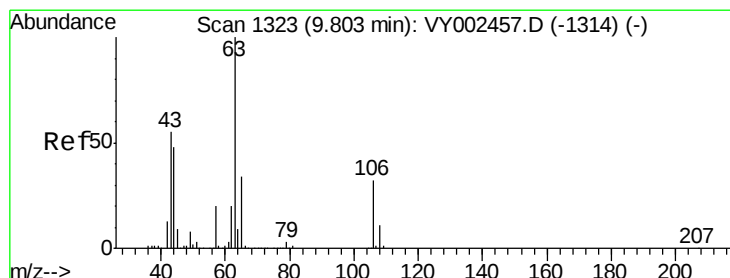
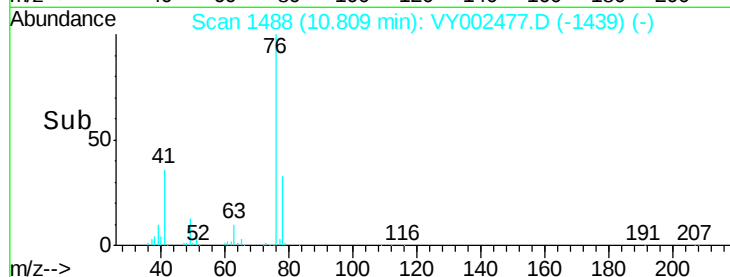
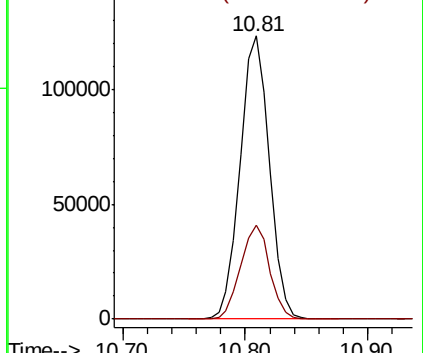
76 100

78 33.0 26.2 39.4



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: 235.251 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VY002477.D

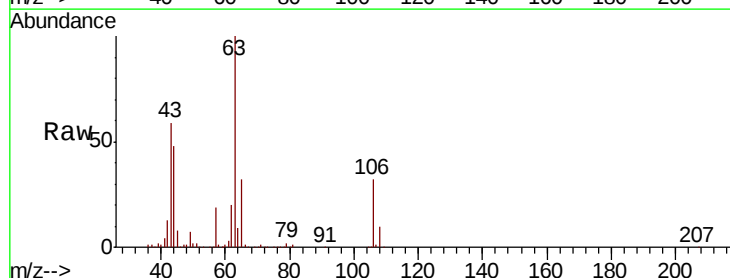
Acq: 24 Apr 2020 10:19

Tgt Ion: 63 Resp: 378175

Ion Ratio Lower Upper

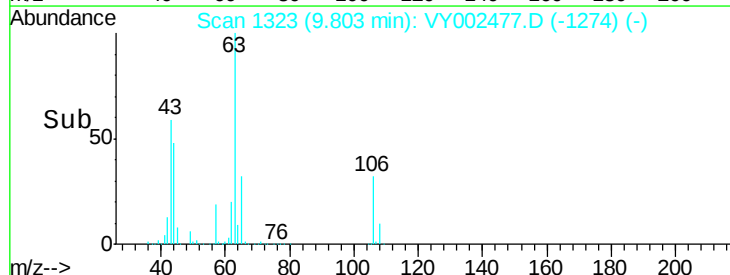
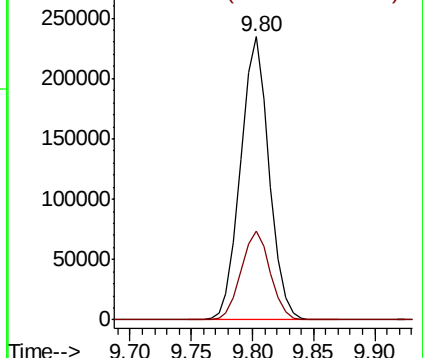
63 100

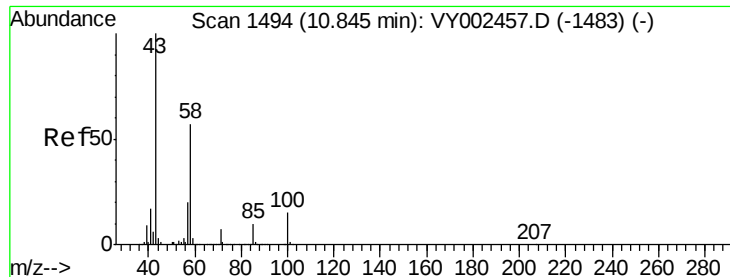
106 32.1 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 256.917 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

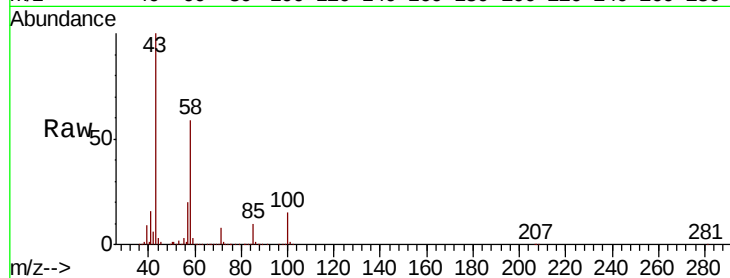
ClientSampled :

Tot Ion: 43 Resp: 369001

Ion Ratio Lower Upper

43 100

58 58.5 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-1483) (-)

10.85

250000

200000

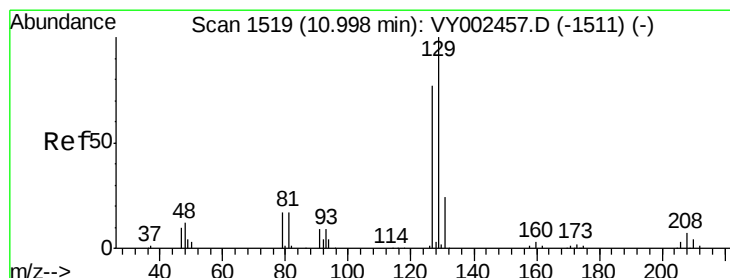
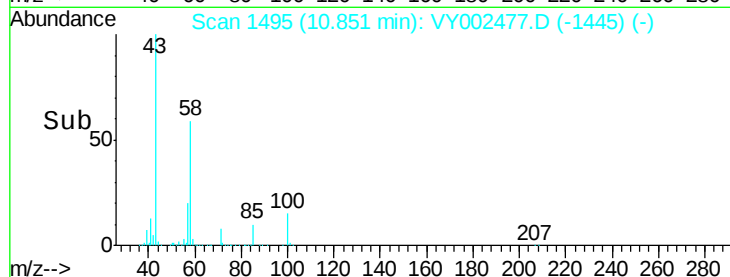
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 50.662 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VY002477.D

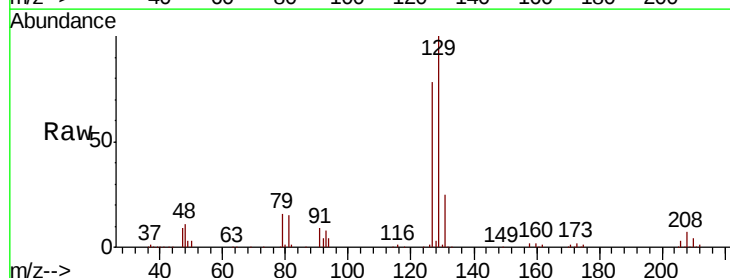
Acq: 24 Apr 2020 10:19

Tgt Ion: 129 Resp: 161503

Ion Ratio Lower Upper

129 100

127 77.8 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): VY002457.D (-1511) (-)

Ion 126.80 (126.50 to 127.50): VY002457.D (-1511) (-)

11.00

100000

80000

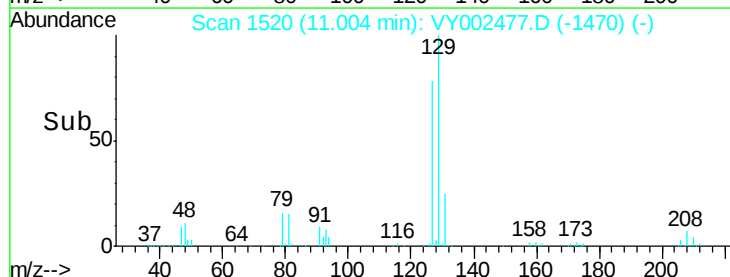
60000

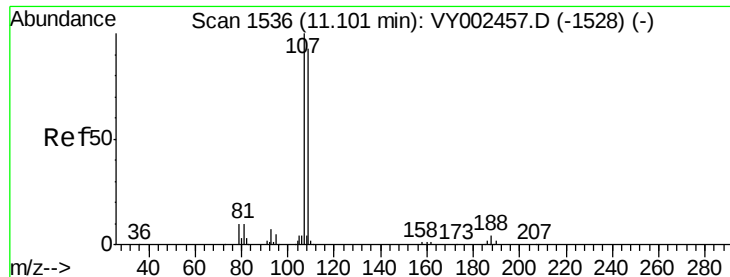
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 49.908 ug/l

RT: 11.11 min Scan# 1537

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

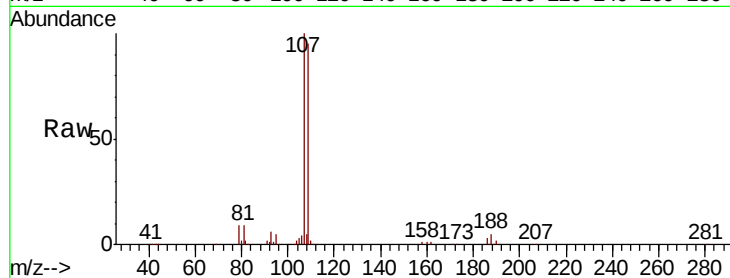
ClientSampleId :

Tot Ion: 107 Resp: 120401

Ion Ratio Lower Upper

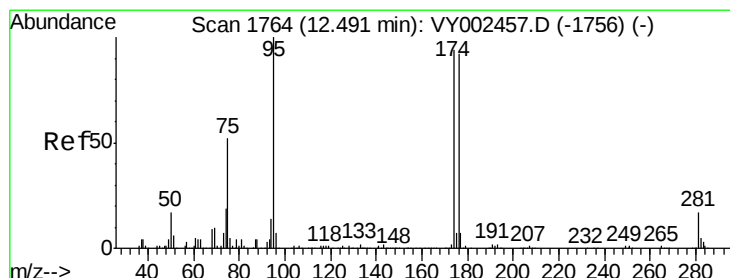
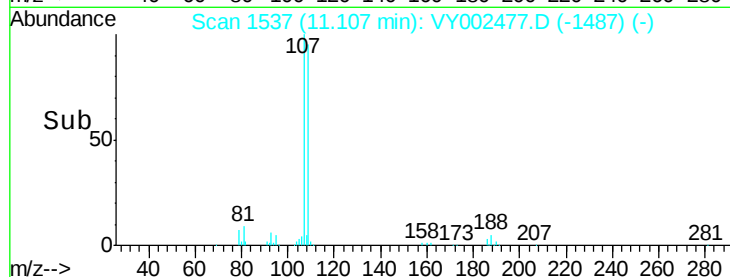
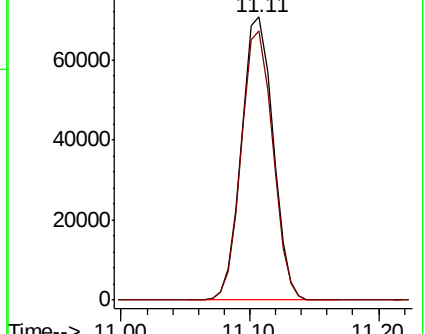
107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.966 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

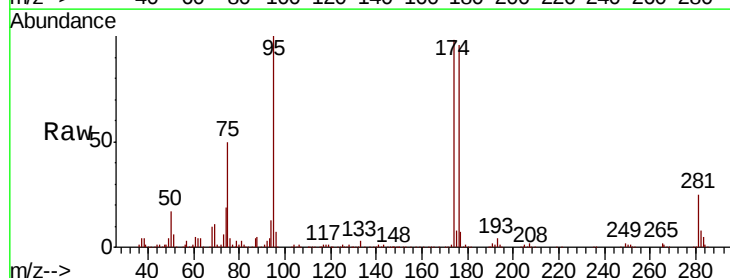
Tgt Ion: 95 Resp: 164673

Ion Ratio Lower Upper

95 100

174 97.4 0.0 193.0

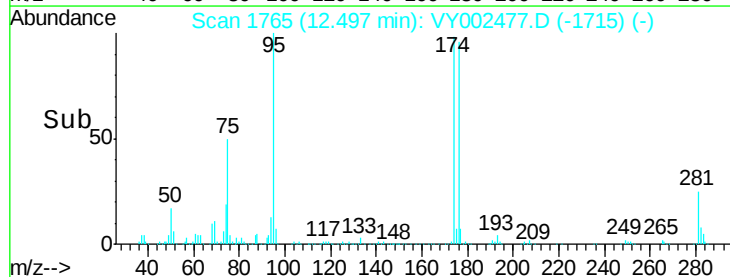
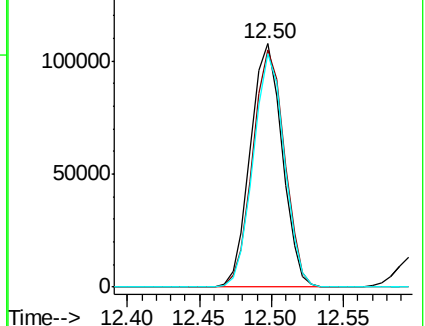
176 93.2 0.0 190.4

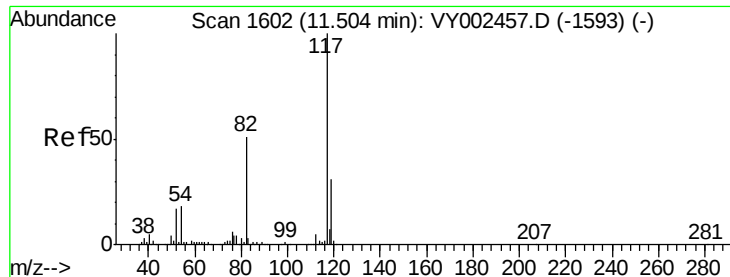


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

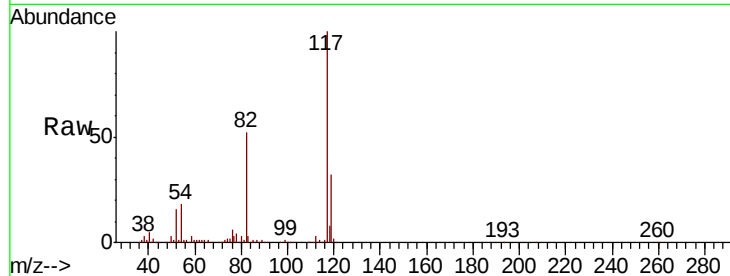




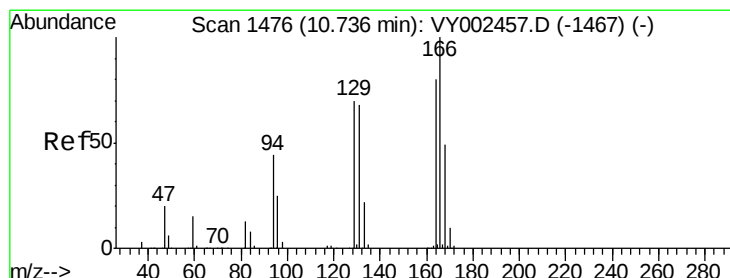
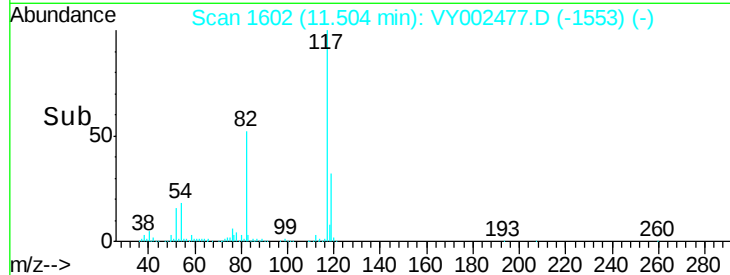
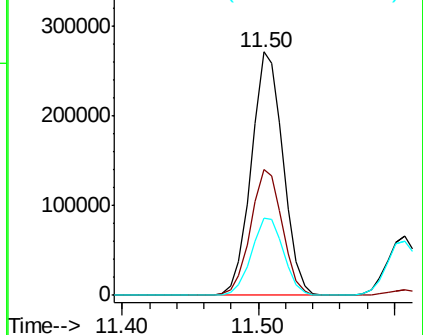
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 442496
Ion Ratio Lower Upper
117 100
82 51.7 40.8 61.2
119 31.6 25.2 37.8

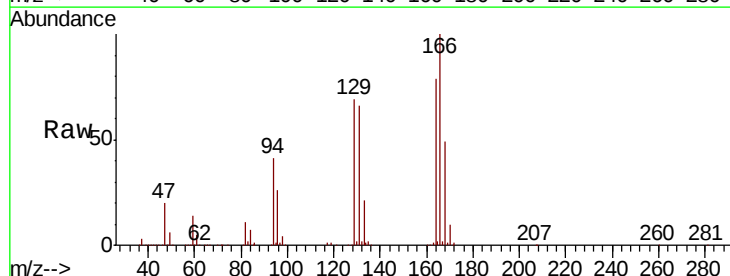


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

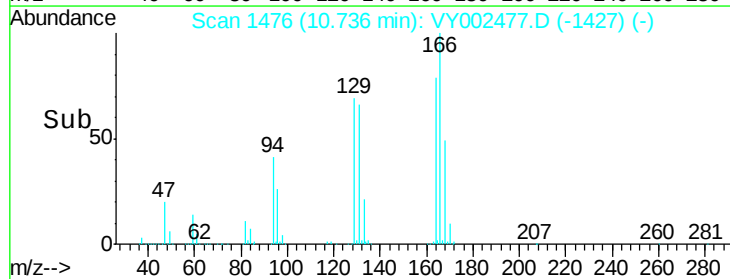
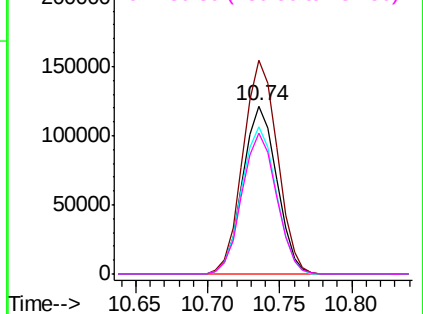


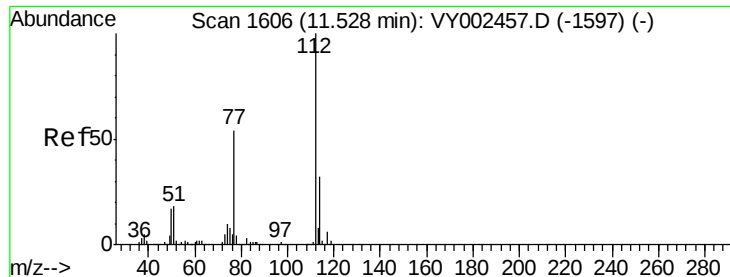
#64
Tetrachloroethene
Concen: 49.222 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion:164 Resp: 199618
Ion Ratio Lower Upper
164 100
166 127.3 100.0 150.0
129 88.0 69.8 104.8
131 84.0 67.9 101.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.197 ug/l

RT: 11.53 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

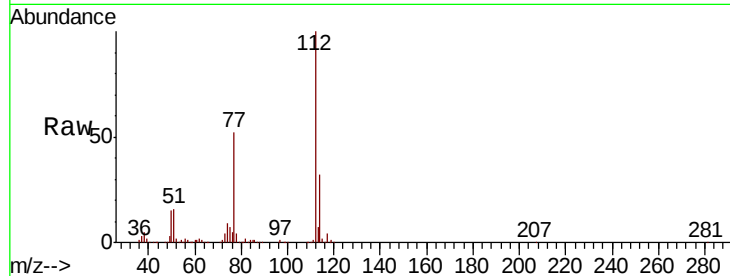
ClientSampleId :

Tot Ion:112 Resp: 428217

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.53

250000

200000

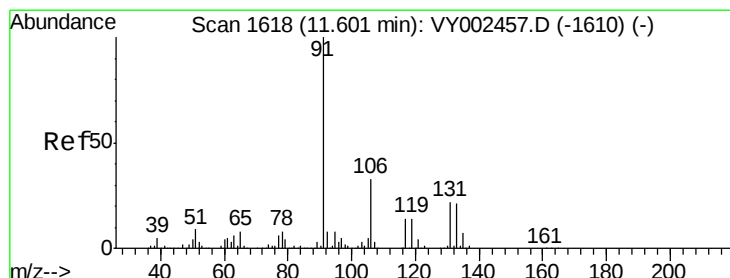
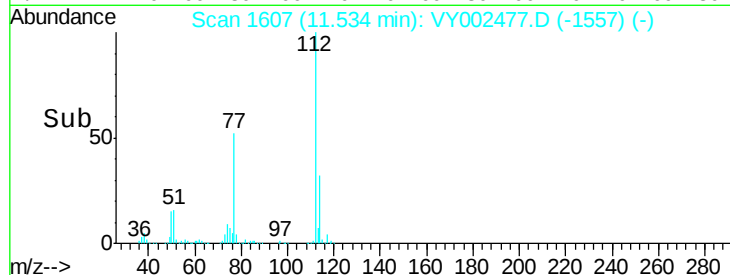
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.269 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

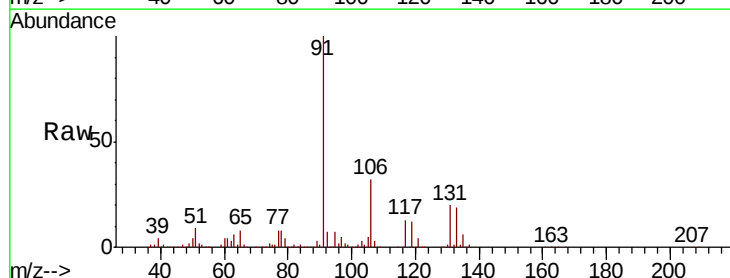
Tgt Ion:131 Resp: 164103

Ion Ratio Lower Upper

131 100

133 95.8 47.8 143.4

119 60.8 31.1 93.3



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

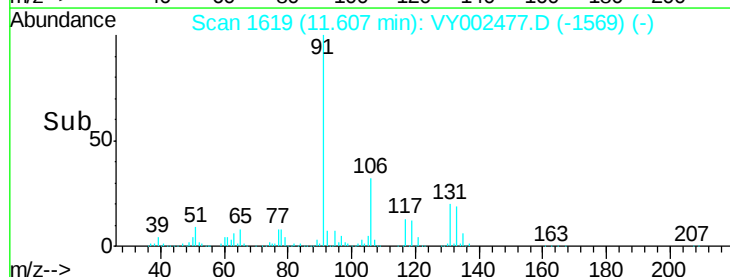
11.61

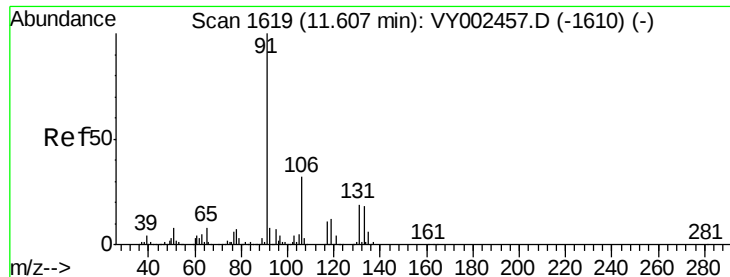
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 49.885 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

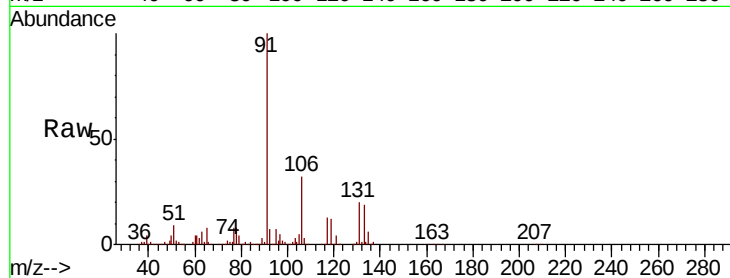
ClientSampled :

Tot Ion: 91 Resp: 758432

Ion Ratio Lower Upper

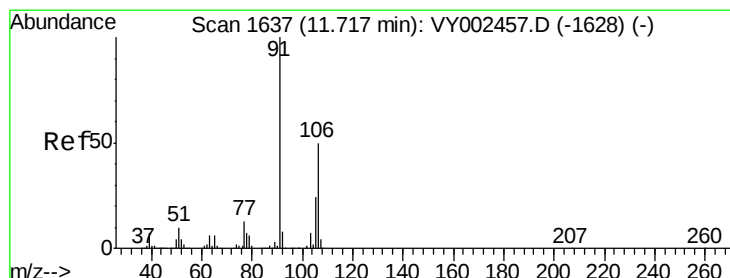
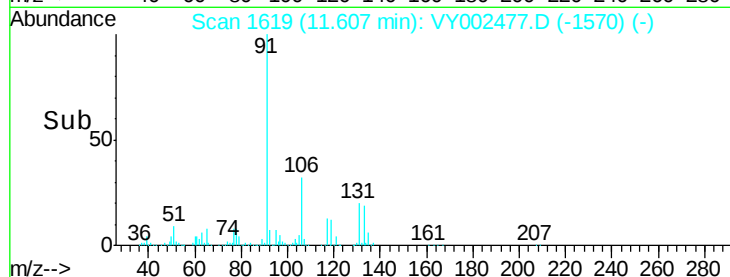
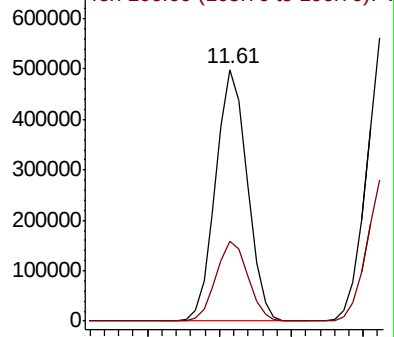
91 100

106 31.8 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 99.842 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VY002477.D

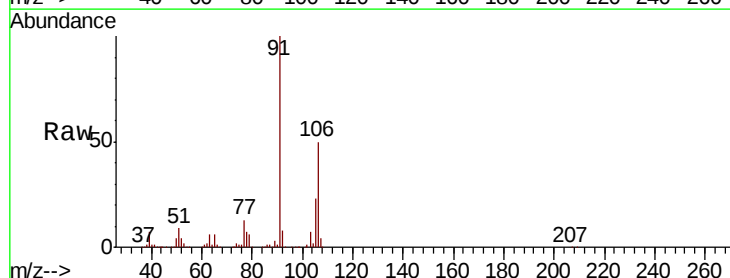
Acq: 24 Apr 2020 10:19

Tgt Ion:106 Resp: 584352

Ion Ratio Lower Upper

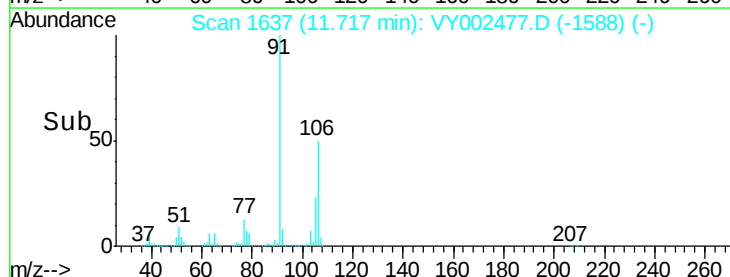
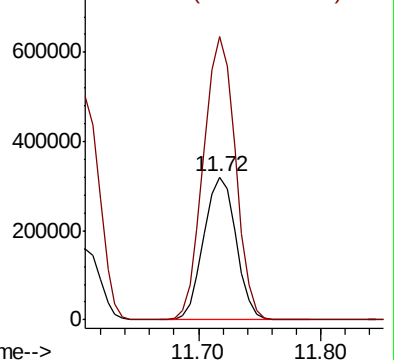
106 100

91 196.5 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

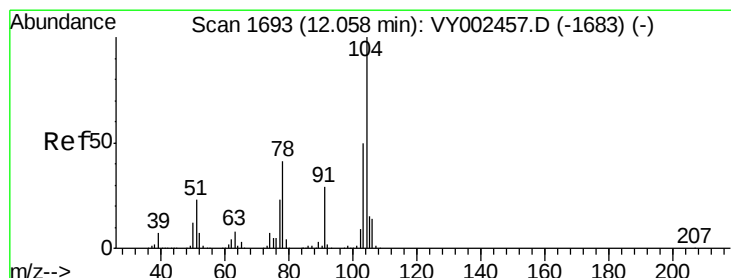
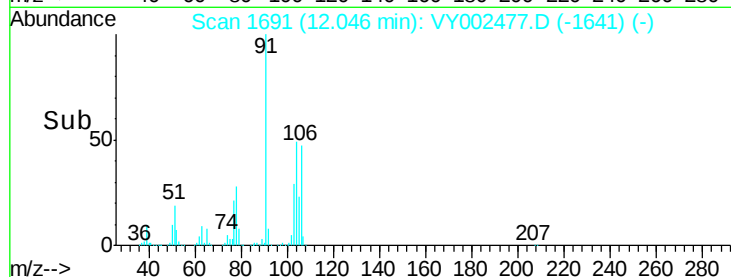
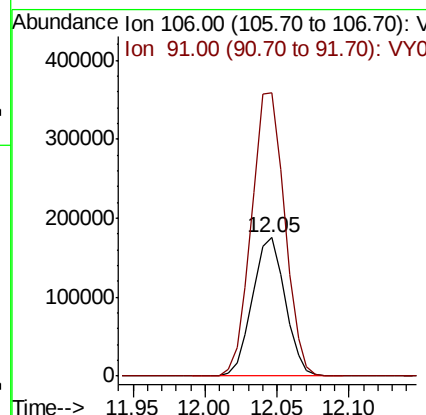
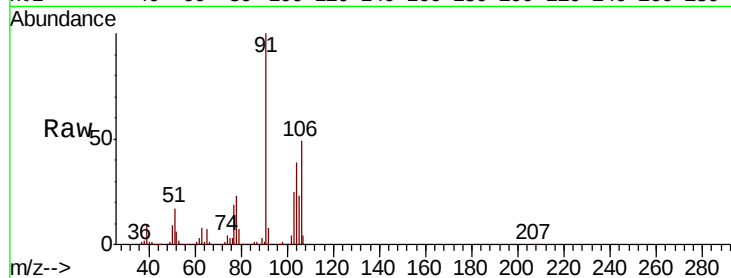




#69
o-Xylene
Concen: 50.711 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

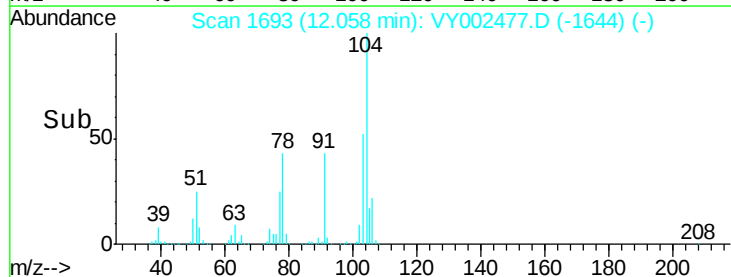
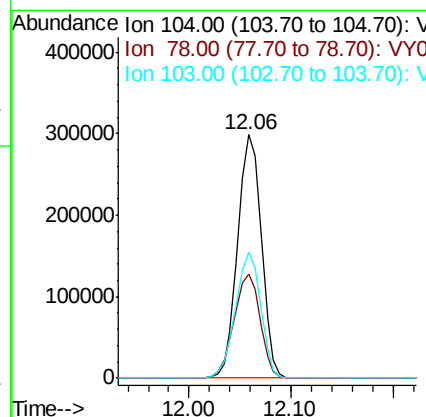
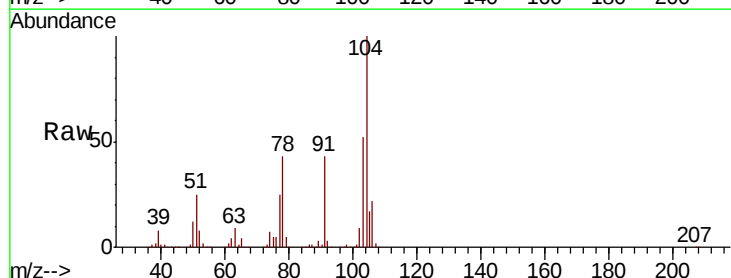
Instrument :
MSVOA_Y
ClientSampled :

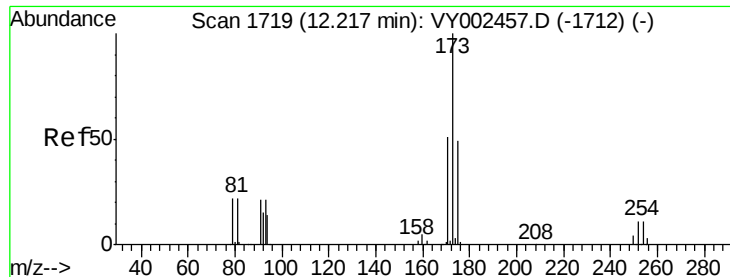
Tot Ion:106 Resp: 274850
Ion Ratio Lower Upper
106 100
91 207.8 104.5 313.3



#70
Styrene
Concen: 50.763 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion:104 Resp: 479065
Ion Ratio Lower Upper
104 100
78 47.0 38.0 57.0
103 54.9 44.4 66.6

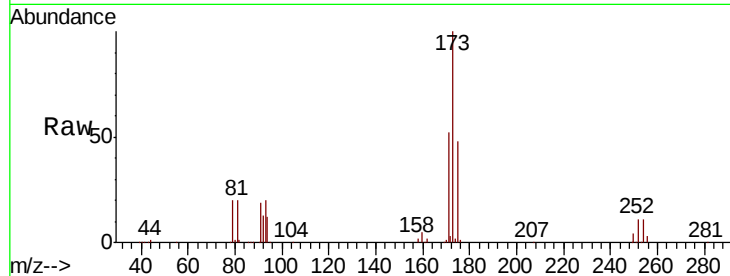




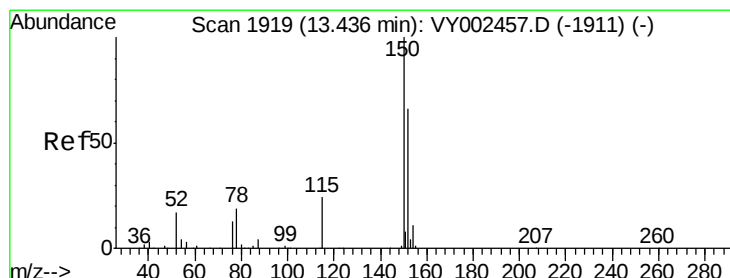
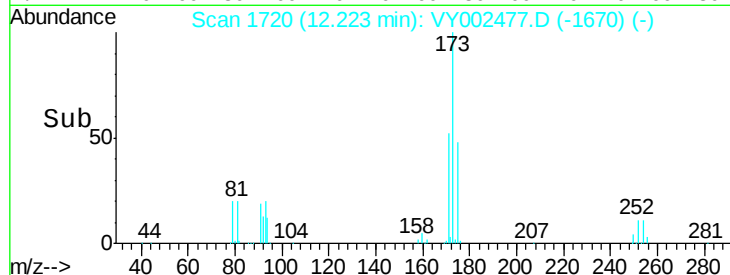
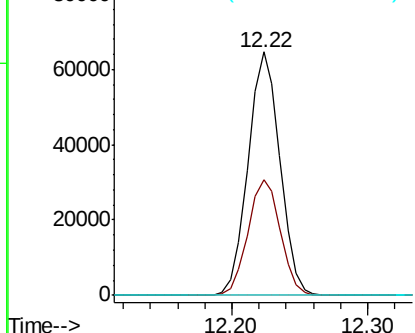
#71
Bromoform
Concen: 52.500 ug/l
RT: 12.22 min Scan# 1720
Delta R.T. 0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:173 Resp: 105861
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.1 0.1#

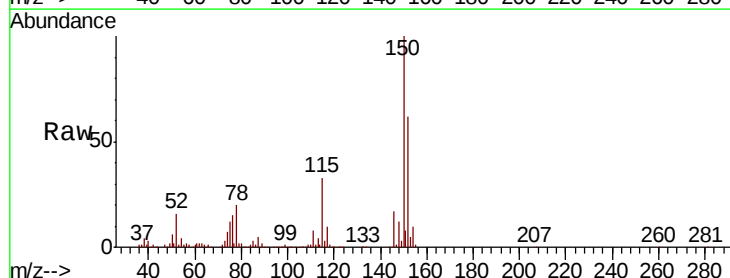


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

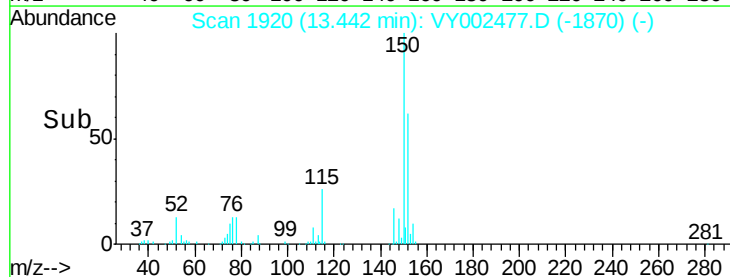
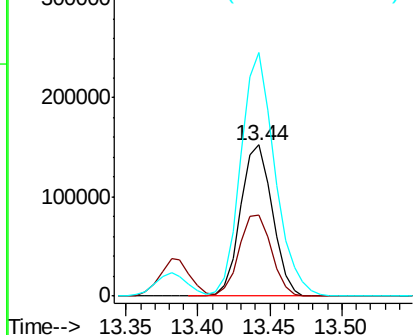


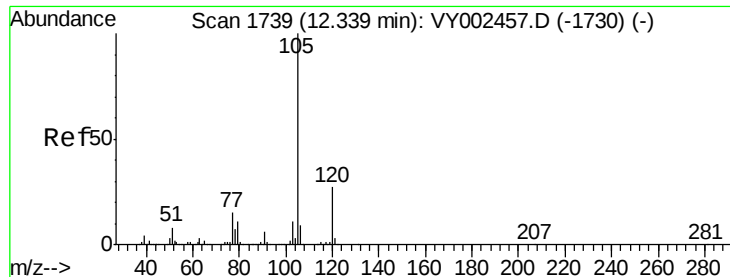
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion:152 Resp: 234664
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.8
150 172.4 0.0 346.8



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

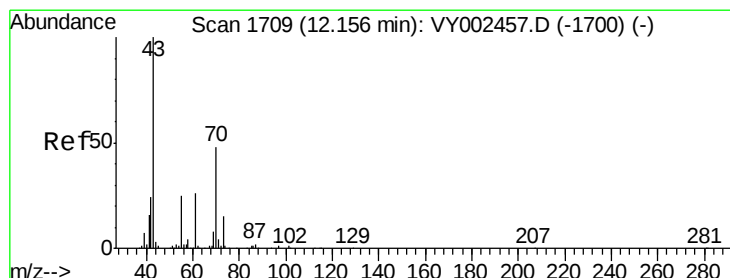
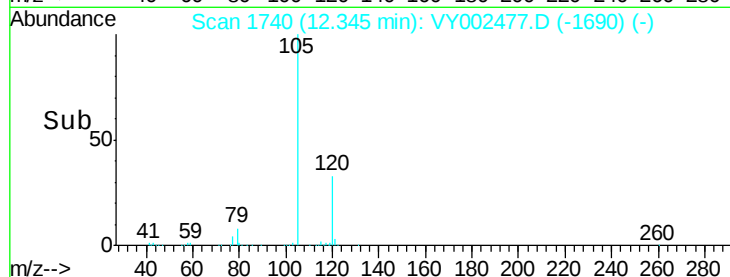
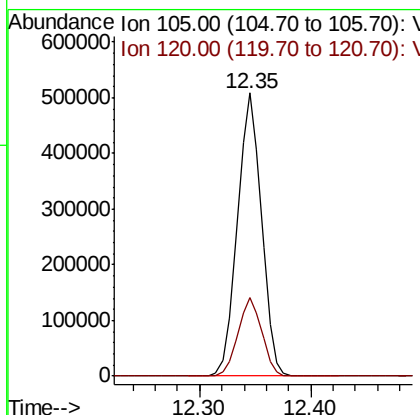
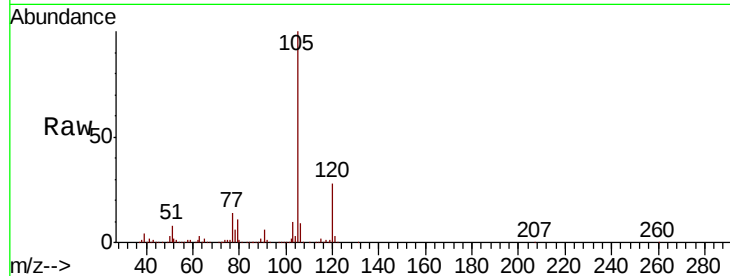




#73
Isopropylbenzene
Concen: 48.326 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

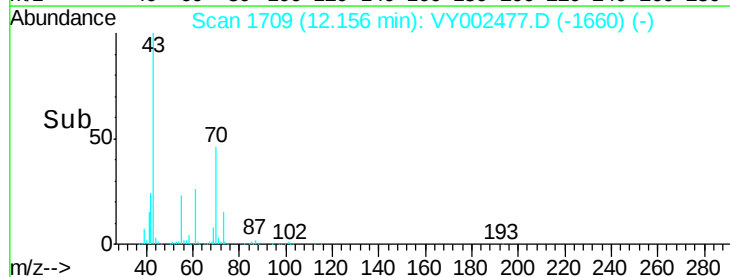
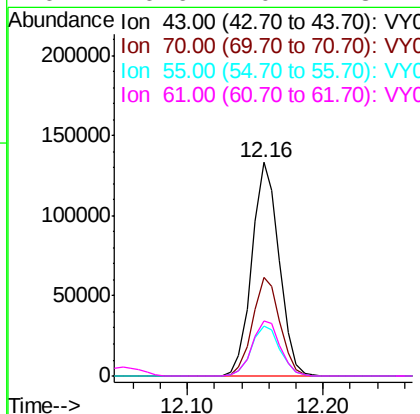
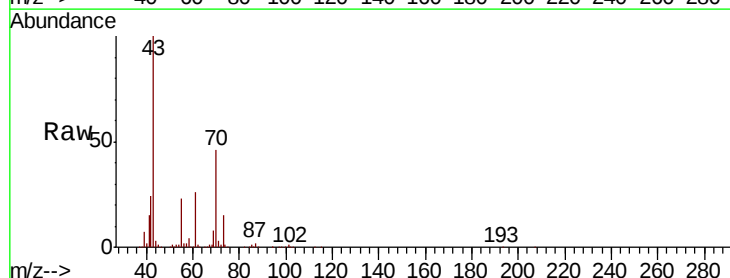
Instrument :
MSVOA_Y
ClientSampleId :

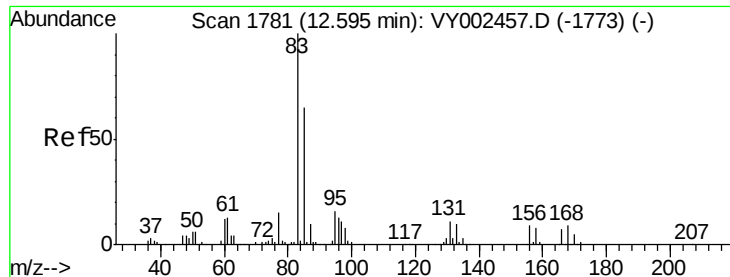
Tot Ion:105 Resp: 758156
Ion Ratio Lower Upper
105 100
120 27.5 13.6 40.7



#74
N-ethyl acetate
Concen: 50.462 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VY002477.D
Acq: 24 Apr 2020 10:19

Tgt Ion: 43 Resp: 187598
Ion Ratio Lower Upper
43 100
70 46.6 37.2 55.8
55 24.5 19.6 29.4
61 26.6 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.651 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

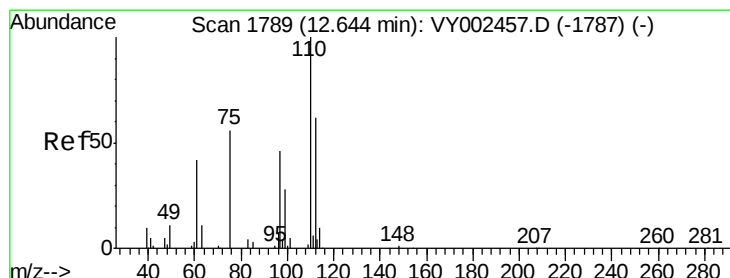
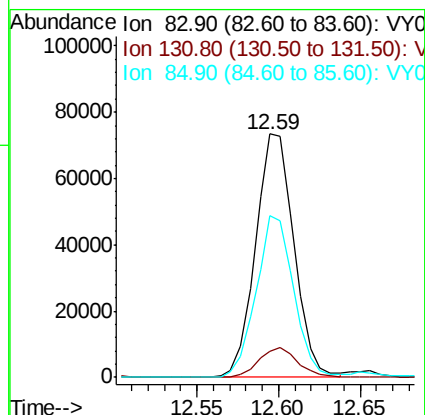
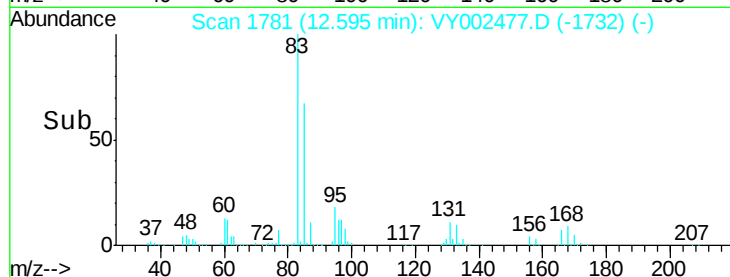
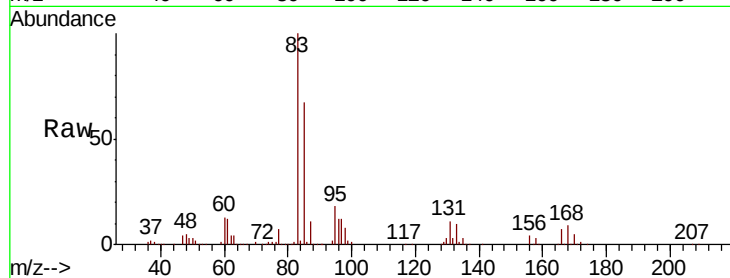
Tot Ion: 83 Resp: 119633

Ion Ratio Lower Upper

83 100

131 12.6 6.2 18.6

85 65.1 32.5 97.5



#76

1,2,3-Trichloropropane

Concen: 95.467 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY002477.D

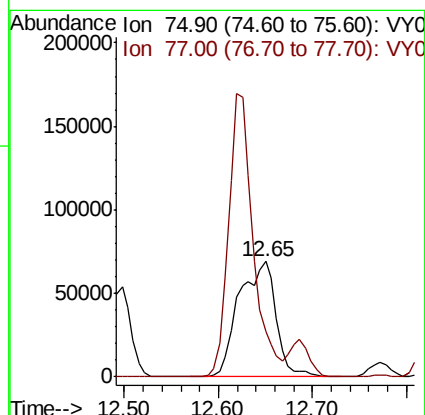
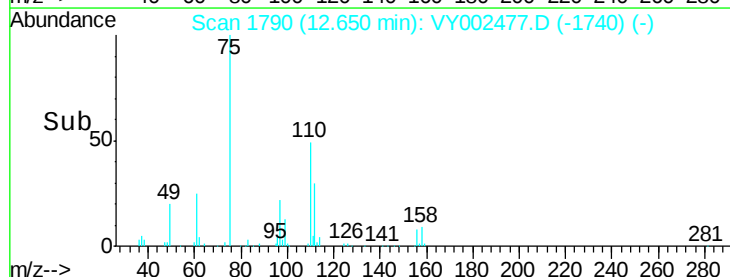
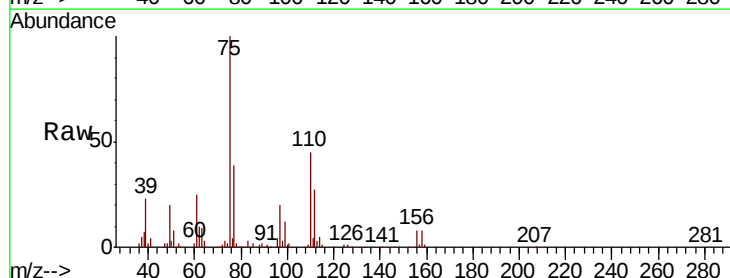
Acq: 24 Apr 2020 10:19

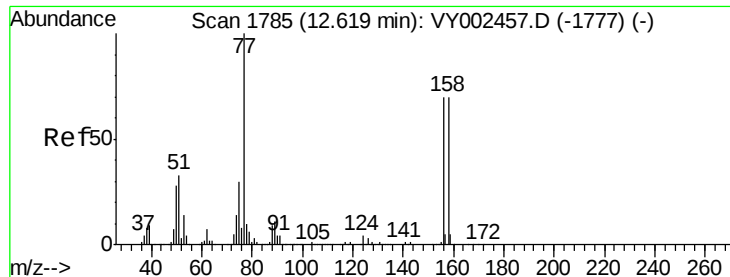
Tgt Ion: 75 Resp: 189875

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.209 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

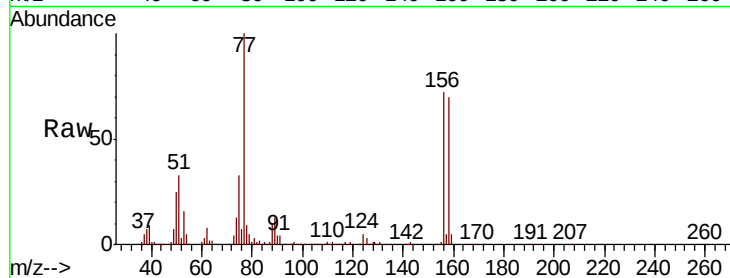
Tot Ion:156 Resp: 189685

Ion Ratio Lower Upper

156 100

77 161.8 78.5 235.7

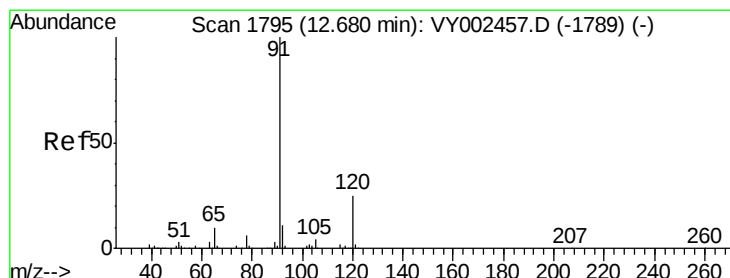
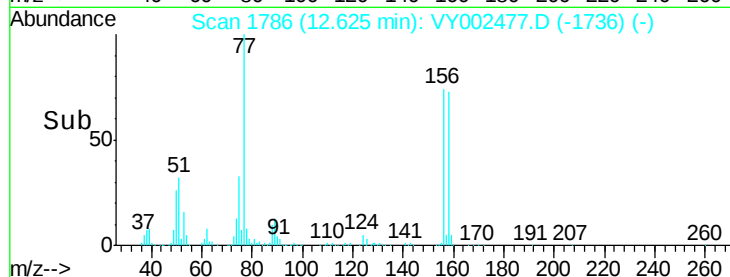
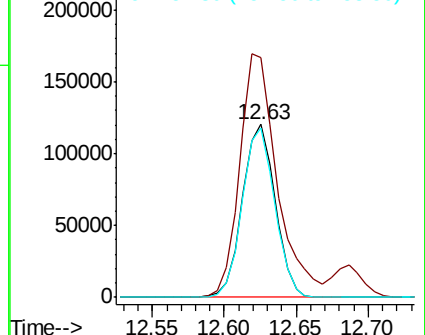
158 97.2 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.924 ug/l

RT: 12.69 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VY002477.D

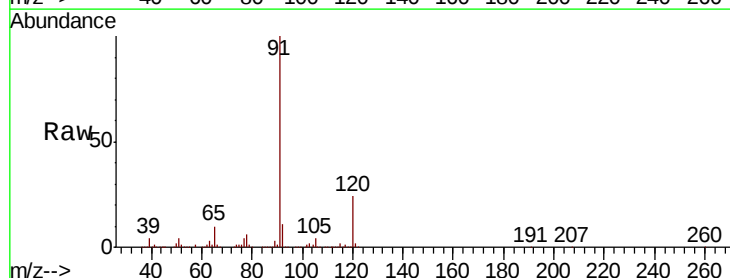
Acq: 24 Apr 2020 10:19

Tgt Ion: 91 Resp: 872964

Ion Ratio Lower Upper

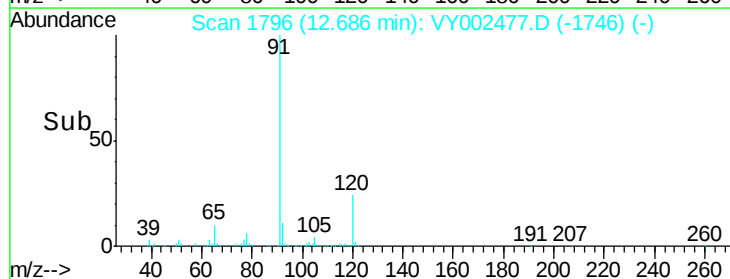
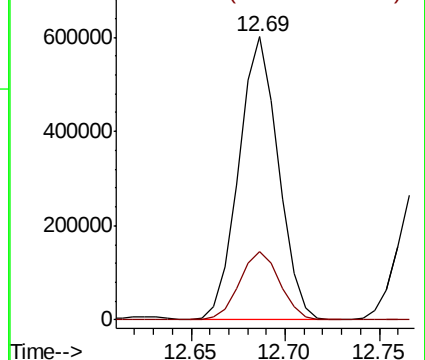
91 100

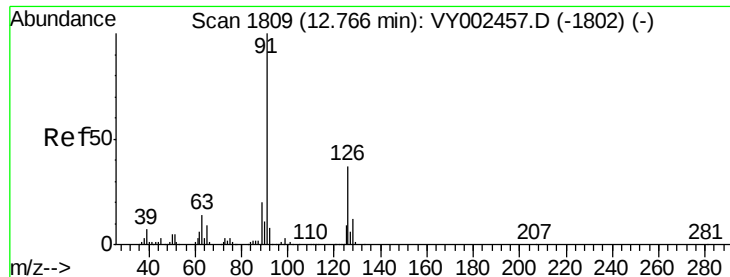
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

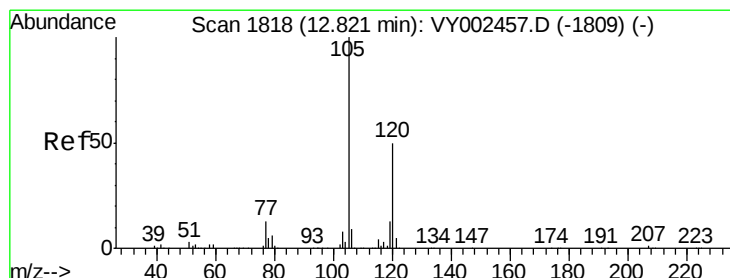
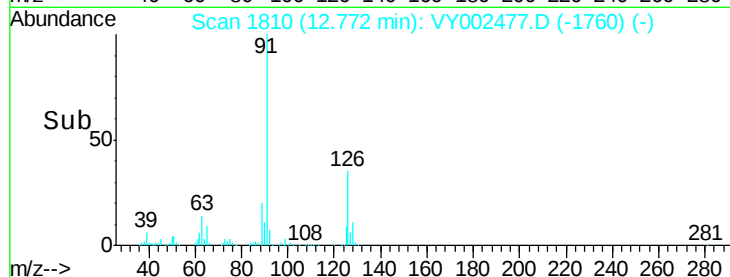
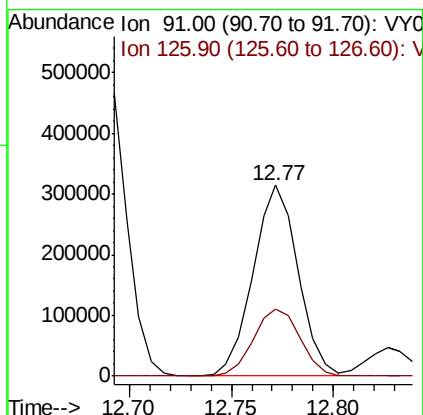
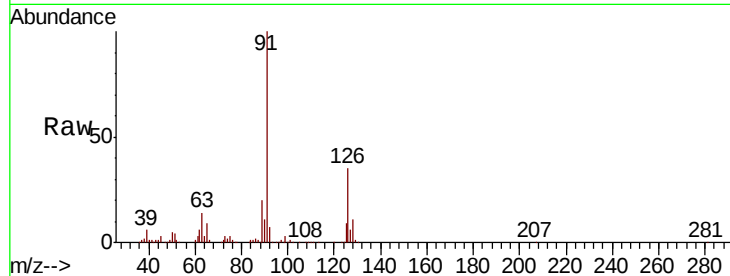




#79
 2-Chlorotoluene
 Concen: 48.304 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

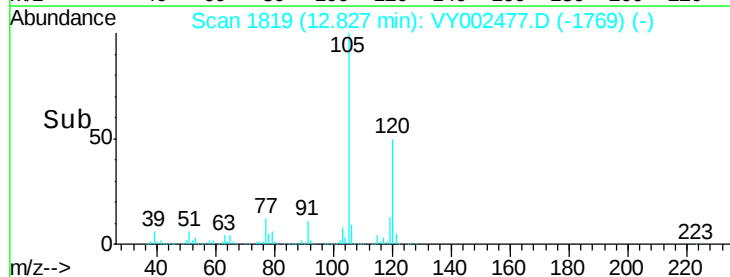
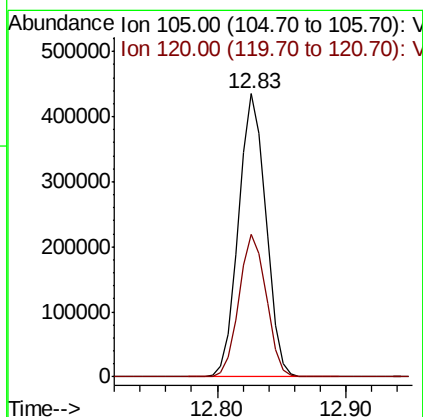
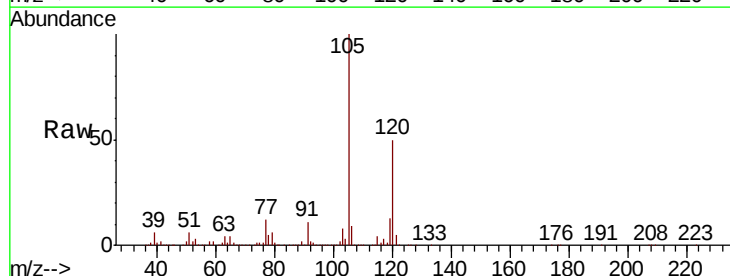
Instrument :
 MSVOA_Y
 ClientSampleId :

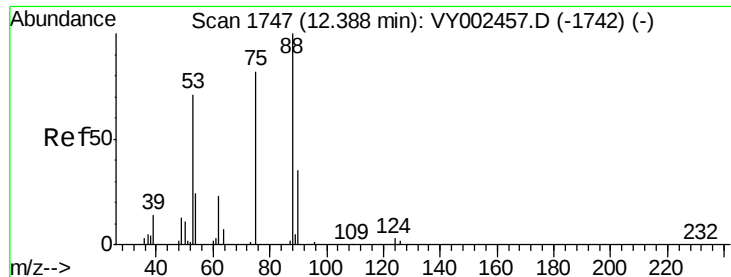
Tot Ion: 91 Resp: 481469
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 47.937 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion: 105 Resp: 638291
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.716 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

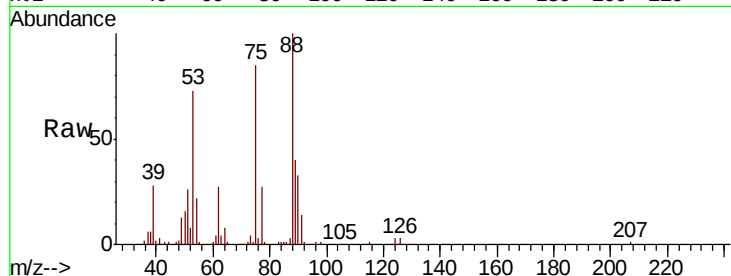
Tot Ion: 75 Resp: 54510

Ion Ratio Lower Upper

75 100

53 87.3 70.0 105.0

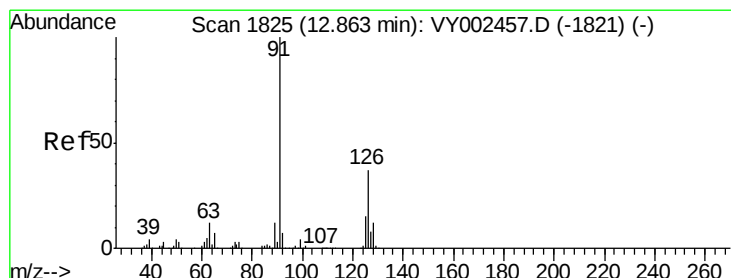
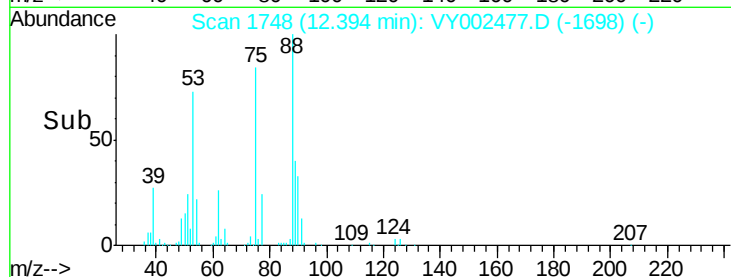
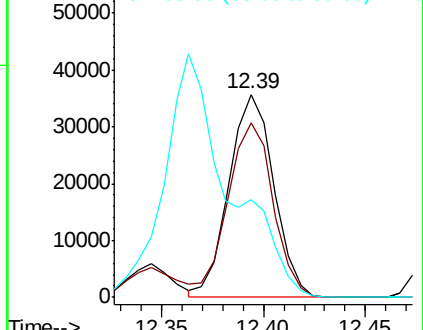
89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 48.757 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002477.D

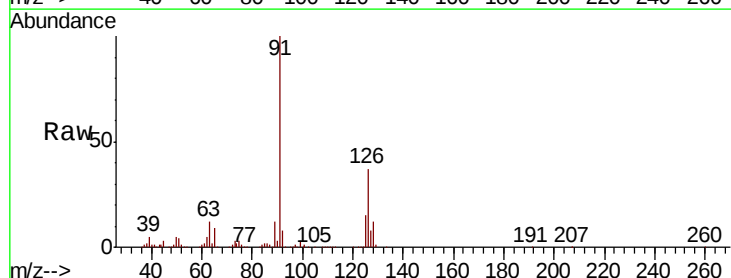
Acq: 24 Apr 2020 10:19

Tgt Ion: 91 Resp: 502283

Ion Ratio Lower Upper

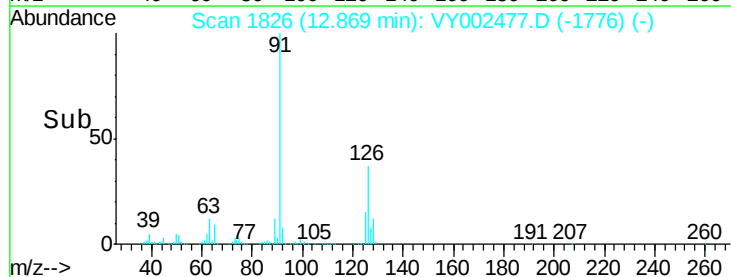
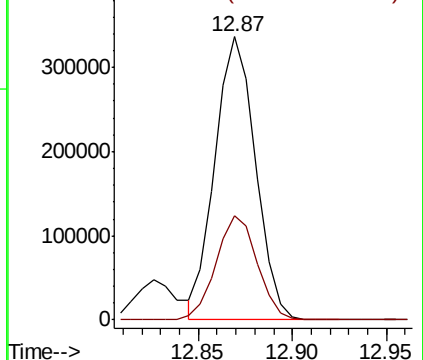
91 100

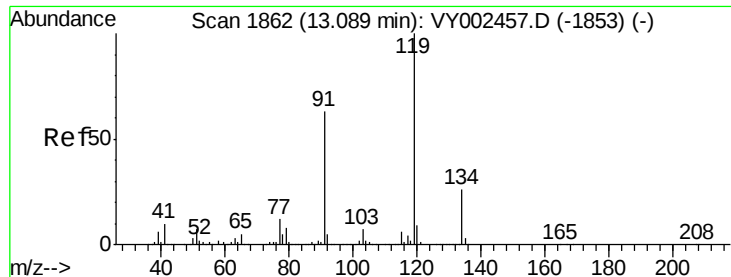
126 37.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

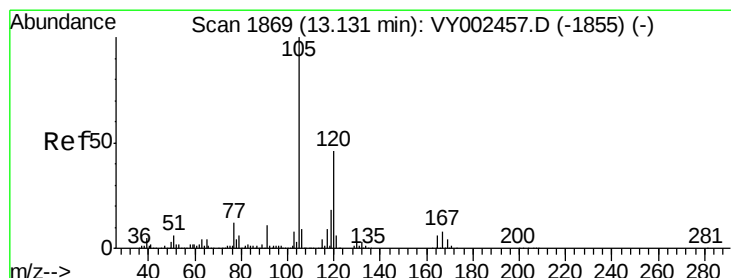
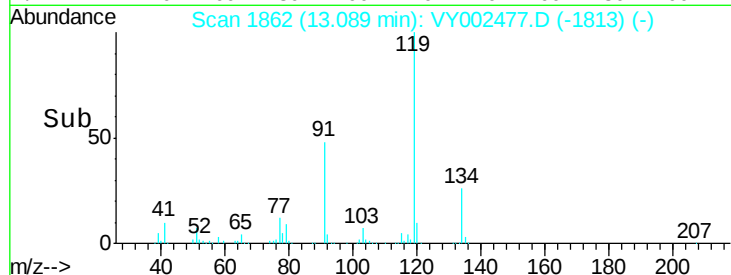
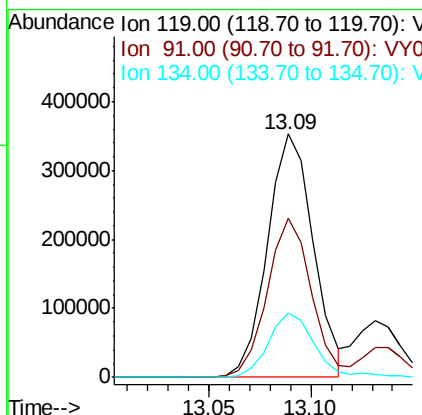
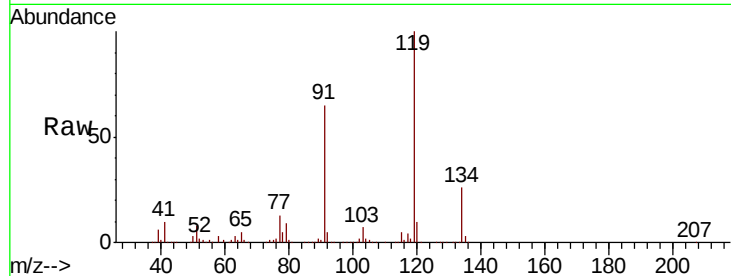




#83
 tert-Butylbenzene
 Concen: 47.690 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

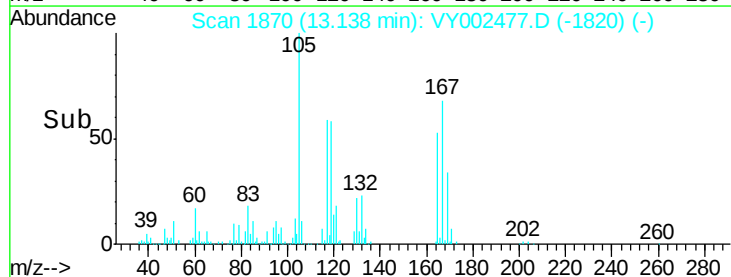
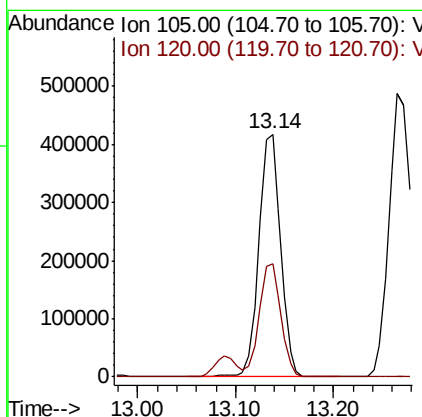
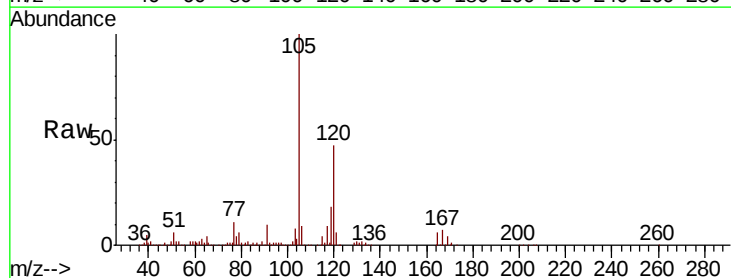
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 551428
 Ion Ratio Lower Upper
 119 100
 91 63.5 30.8 92.3
 134 27.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.229 ug/l
 RT: 13.14 min Scan# 1870
 Delta R.T. 0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion:105 Resp: 641671
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.234 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

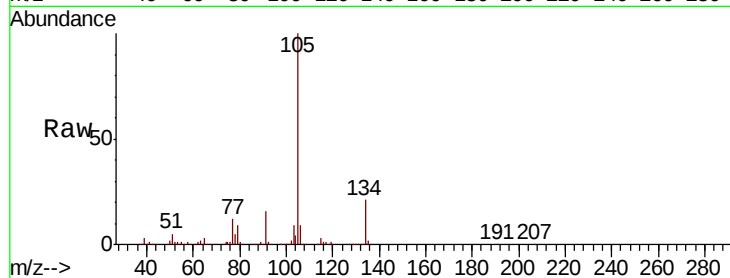
ClientSampled :

Tot Ion:105 Resp: 762275

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

500000

400000

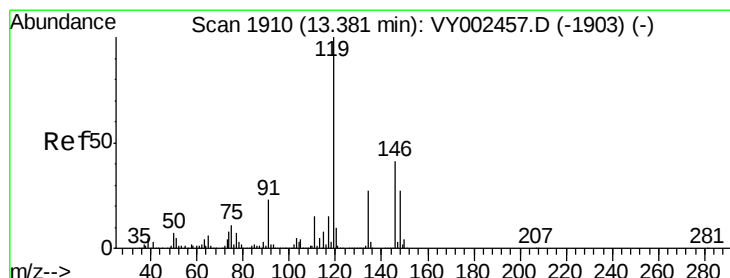
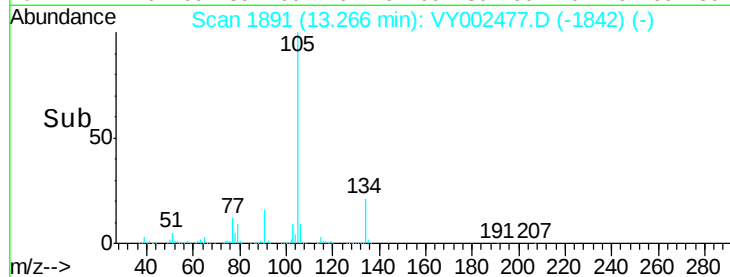
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 48.664 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

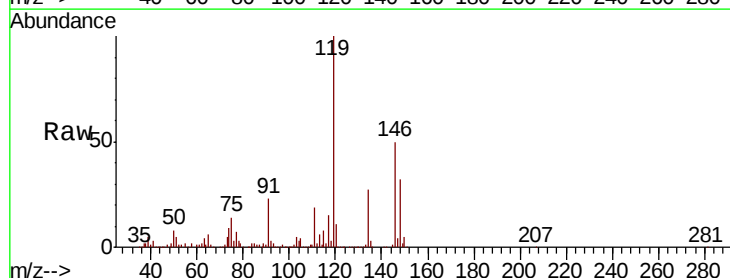
Tgt Ion:119 Resp: 718528

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 22.3 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

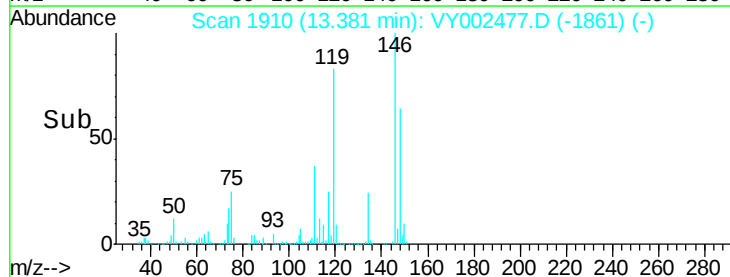
300000

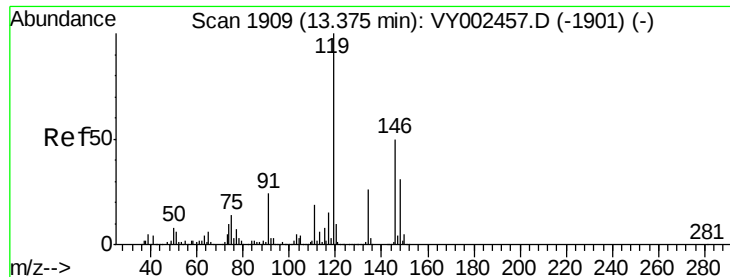
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.749 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

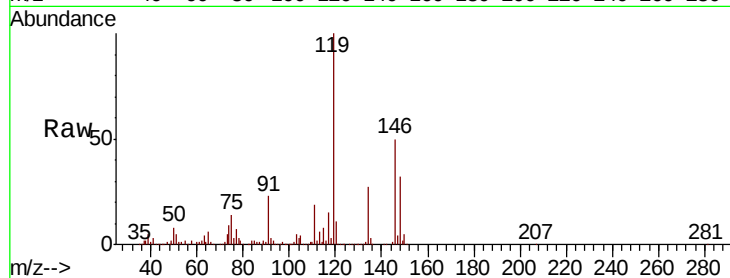
Tot Ion:146 Resp: 362044

Ion Ratio Lower Upper

146 100

111 37.0 18.8 56.3

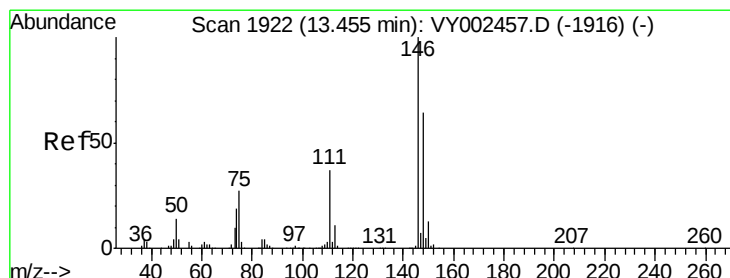
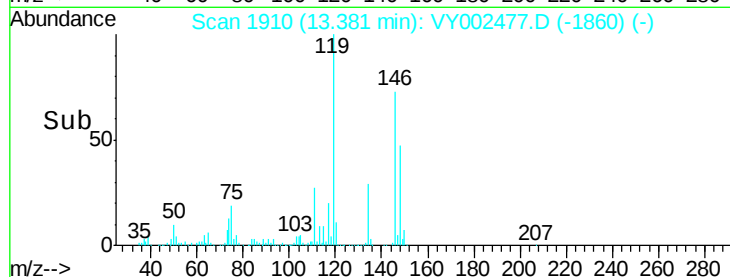
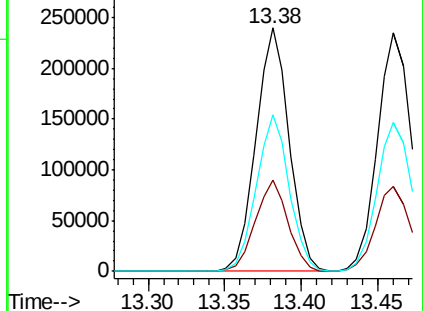
148 63.5 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 49.739 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

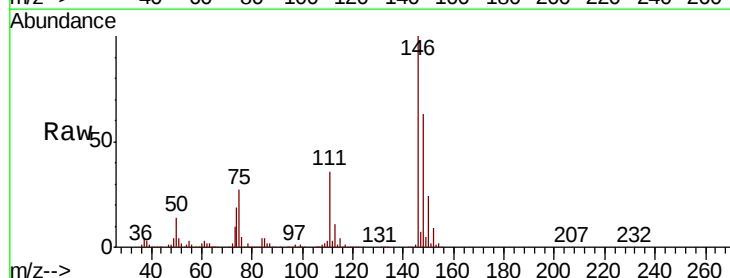
Tgt Ion:146 Resp: 359931

Ion Ratio Lower Upper

146 100

111 36.1 18.1 54.1

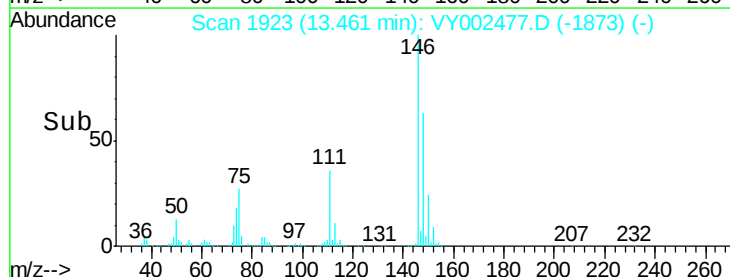
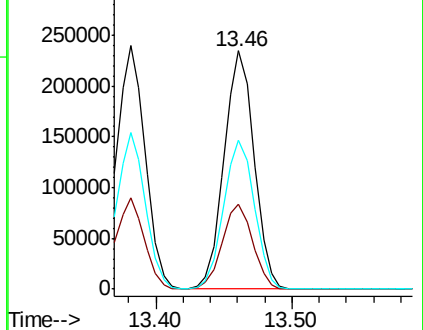
148 63.9 32.1 96.5

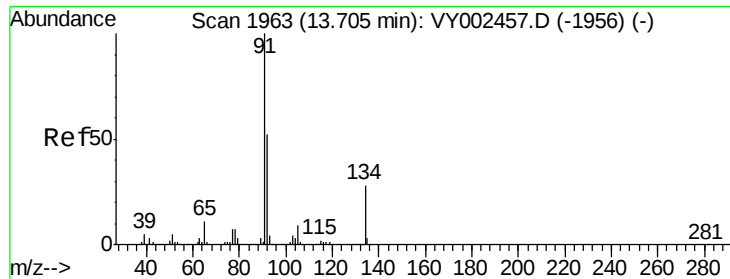


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.356 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampled :

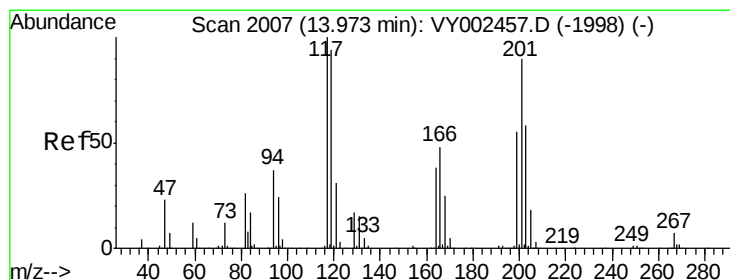
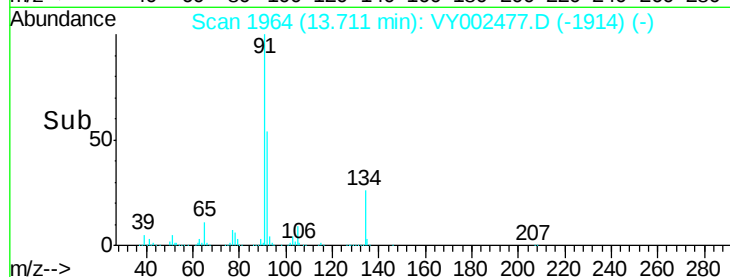
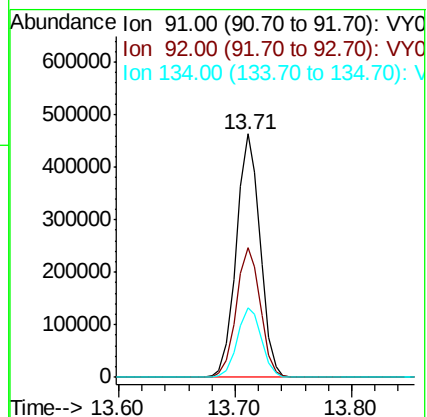
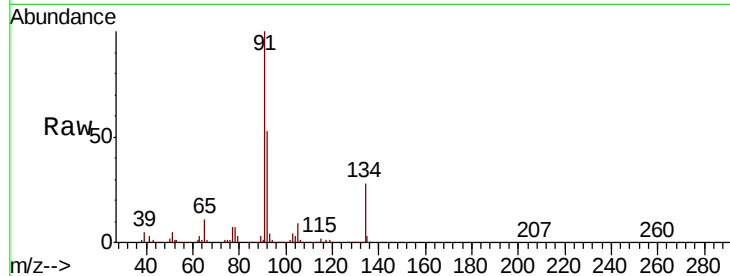
Tot Ion: 91 Resp: 658654

Ion Ratio Lower Upper

91 100

92 53.9 26.5 79.4

134 29.1 14.3 42.9



#90

Hexachloroethane

Concen: 49.233 ug/l

RT: 13.98 min Scan# 2008

Delta R.T. 0.01 min

Lab File: VY002477.D

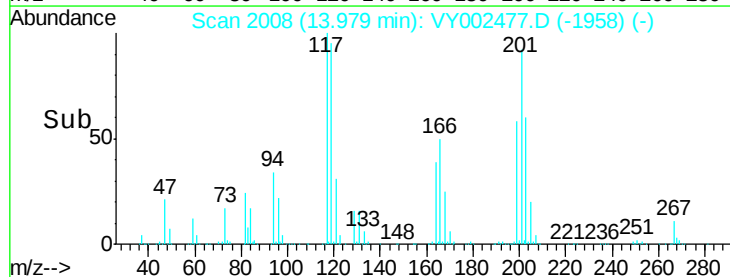
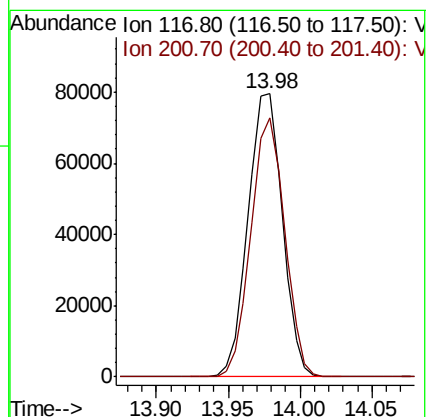
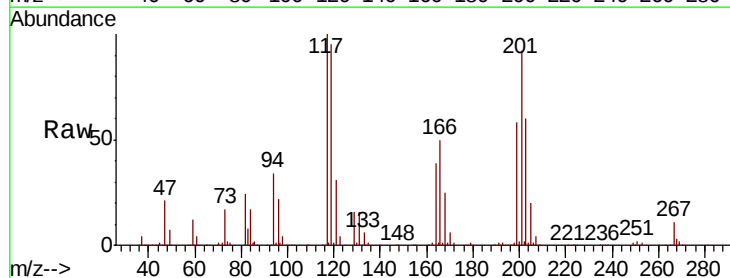
Acq: 24 Apr 2020 10:19

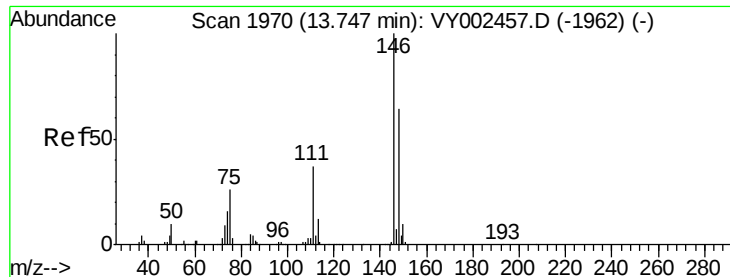
Tgt Ion: 117 Resp: 131391

Ion Ratio Lower Upper

117 100

201 89.8 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 52.406 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Instrument :

MSVOA_Y

ClientSampleId :

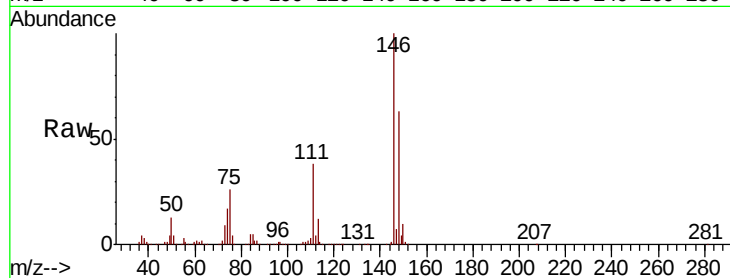
Tot Ion:146 Resp: 328436

Ion Ratio Lower Upper

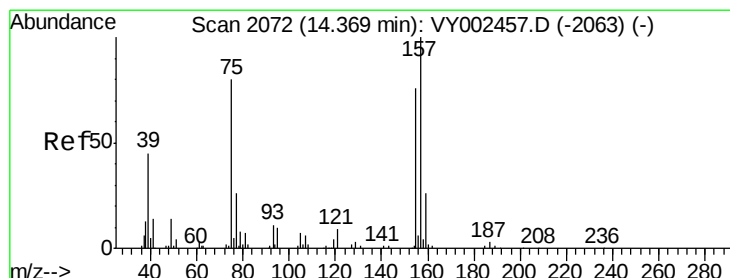
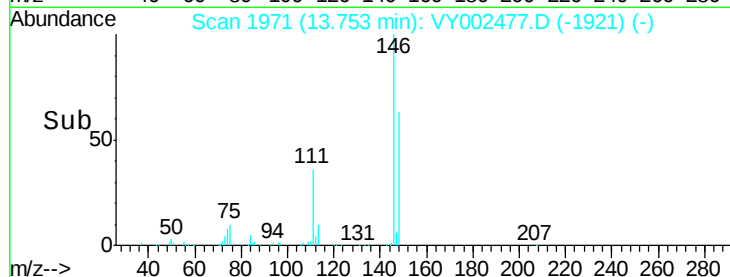
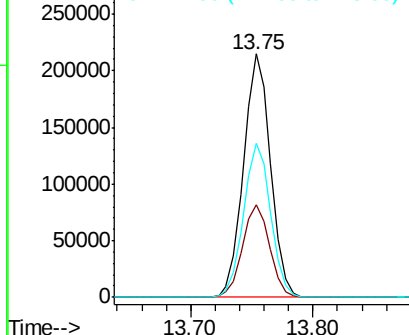
146 100

111 38.2 18.9 56.9

148 63.4 31.6 94.7



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: 50.364 ug/l

RT: 14.38 min Scan# 2073

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

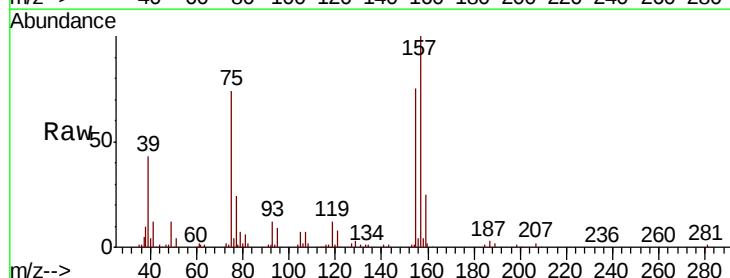
Tgt Ion: 75 Resp: 24092

Ion Ratio Lower Upper

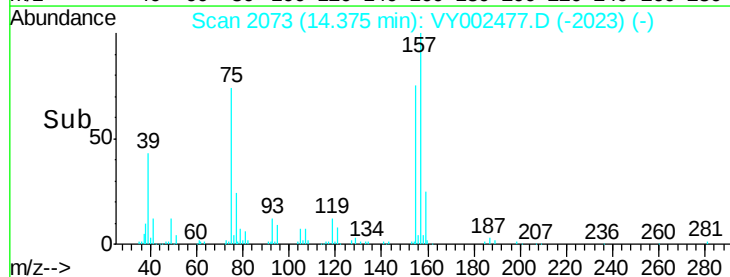
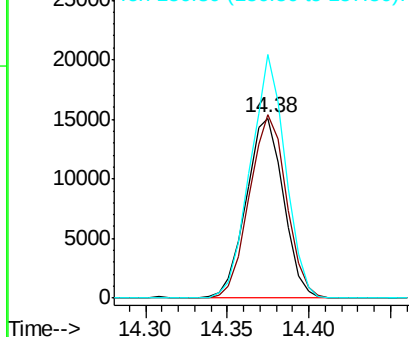
75 100

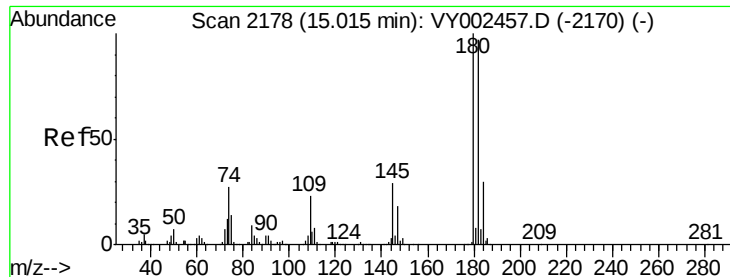
155 100.4 49.6 149.0

157 126.6 62.6 187.9



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

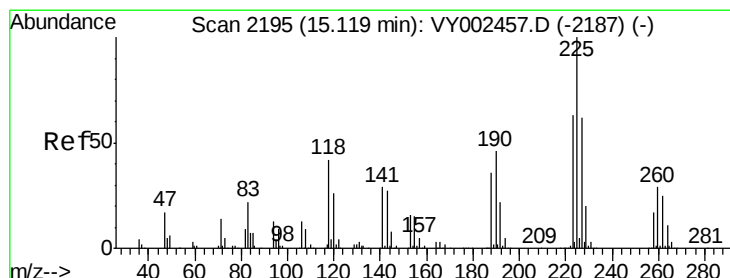
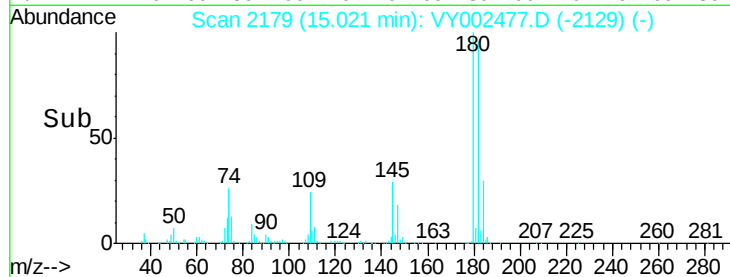
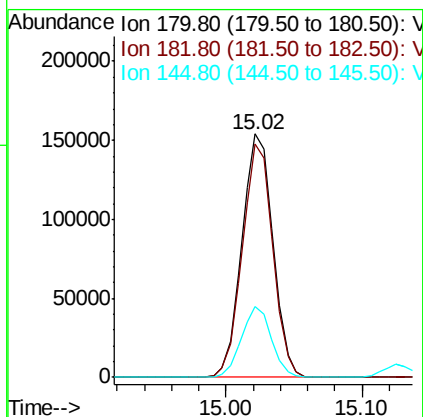
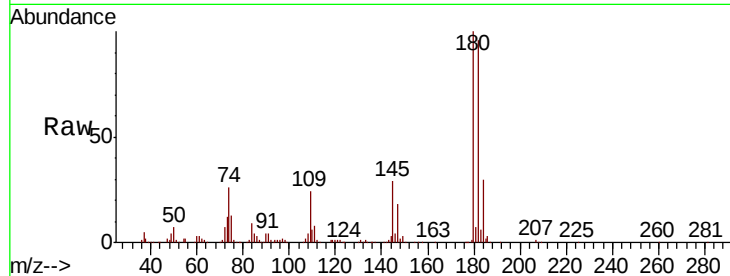




#93
 1,2,4-Trichlorobenzene
 Concen: 49.666 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

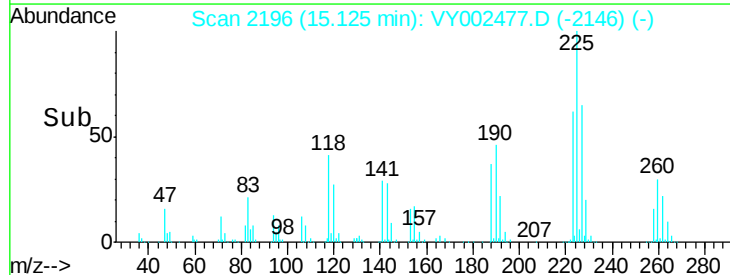
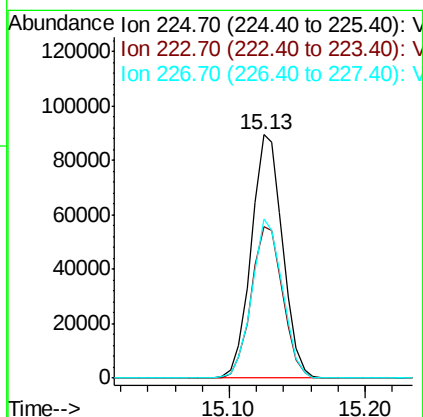
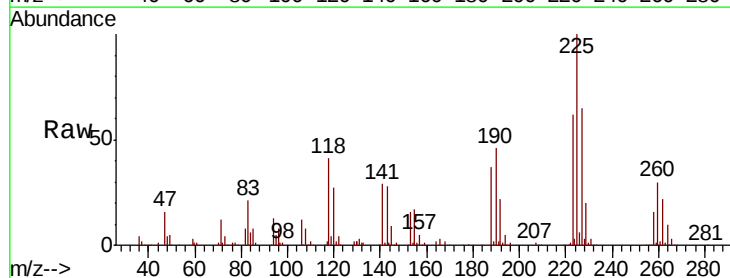
Instrument :
 MSVOA_Y
 ClientSampleId :

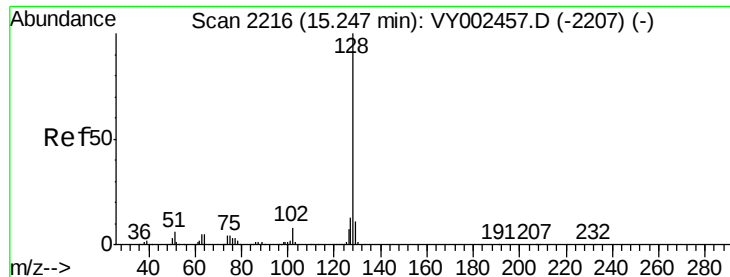
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.7
145	28.1	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 48.452 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002477.D
 Acq: 24 Apr 2020 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.3
227	64.1	31.5	94.5





#95

Naphthalene

Concen: 51.010 ug/l

RT: 15.25 min Scan# 2217

Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

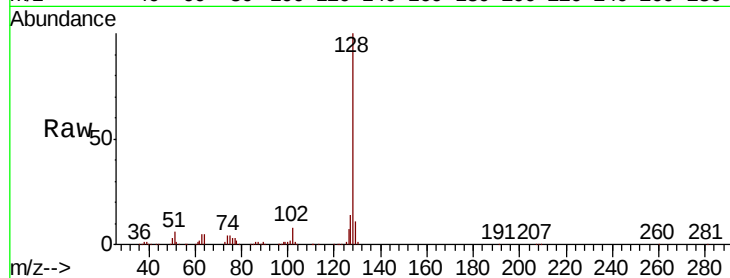
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:128 Resp: 467947

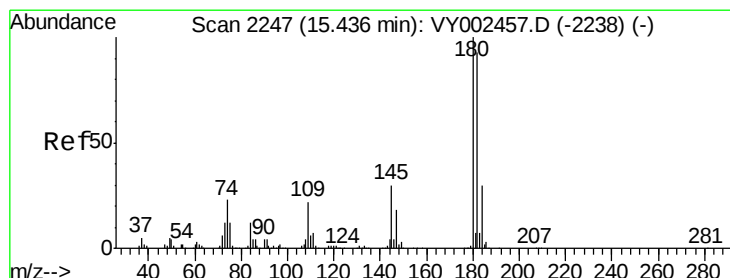
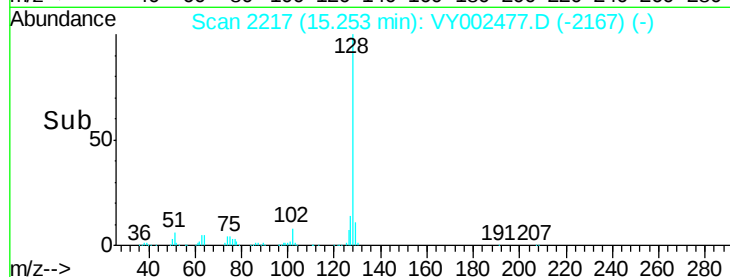
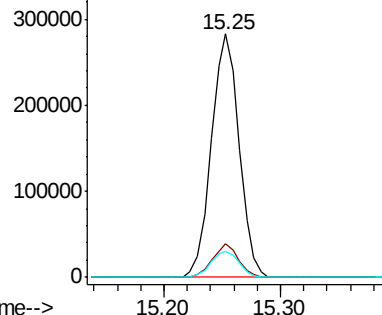
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.8	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.603 ug/l

RT: 15.44 min Scan# 2248

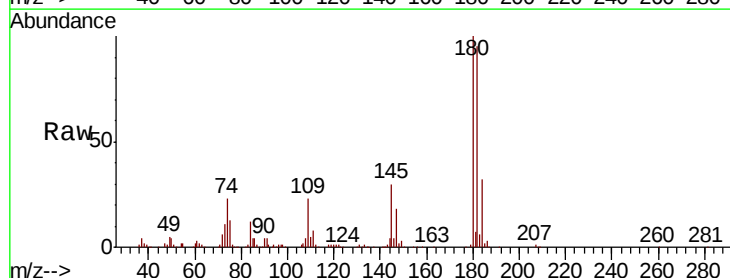
Delta R.T. 0.01 min

Lab File: VY002477.D

Acq: 24 Apr 2020 10:19

Tgt Ion:180 Resp: 208110

Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	30.9	15.3	45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

