

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002457.D
 Acq On : 23 Apr 2020 12:25
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 12:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	287890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	419096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	381583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	198701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	115588	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.75	113	112859	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.20	98	439715	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
62) 4-Bromofluorobenzene	12.49	95	145078	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	103663	48.689	ug/l 100
3) Chloromethane	2.13	50	131387	48.299	ug/l 100
4) Vinyl Chloride	2.27	62	80585	42.411	ug/l 100
5) Bromomethane	2.67	94	49772	48.512	ug/l 100
6) Chloroethane	2.82	64	45989	46.090	ug/l 100
7) Trichlorofluoromethane	3.15	101	194745	56.509	ug/l 100
8) Diethyl Ether	3.55	74	73112	51.862	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	126931	53.310	ug/l 100
10) Methyl Iodide	4.12	142	191481	51.900	ug/l 100
11) Tert butyl alcohol	5.00	59	49910	212.863	ug/l 100
12) 1,1-Dichloroethene	3.90	96	127027	52.142	ug/l 100
13) Acrolein	3.76	56	48425	268.284	ug/l 100
14) Allyl chloride	4.52	41	178545	49.258	ug/l 100
15) Acrylonitrile	5.21	53	162727	239.080	ug/l 100
16) Acetone	3.97	43	127114	251.062	ug/l 100
17) Carbon Disulfide	4.23	76	389297	50.727	ug/l 100
18) Methyl Acetate	4.51	43	75903	45.053	ug/l 100
19) Methyl tert-butyl Ether	5.27	73	322428	48.930	ug/l 100
20) Methylene Chloride	4.75	84	132623	42.872	ug/l 100
21) trans-1,2-Dichloroethene	5.26	96	136144	48.820	ug/l 100
22) Diisopropyl ether	6.16	45	340954	47.341	ug/l 100
23) Vinyl Acetate	6.10	43	1093998	242.177	ug/l 100
24) 1,1-Dichloroethane	6.05	63	214906	49.216	ug/l 100
25) 2-Butanone	7.02	43	182527	230.701	ug/l 100
26) 2,2-Dichloropropane	7.02	77	205178	49.392	ug/l 100
27) cis-1,2-Dichloroethene	7.02	96	147913	48.790	ug/l 100
28) Bromochloromethane	7.36	49	81952	47.747	ug/l 100
29) Tetrahydrofuran	7.38	42	122053	231.648	ug/l 100
30) Chloroform	7.54	83	225616	48.627	ug/l 100
31) Cyclohexane	7.82	56	200265	45.281	ug/l 100
32) 1,1,1-Trichloroethane	7.73	97	218535	50.170	ug/l 100
36) 1,1-Dichloropropene	7.95	75	177537	49.359	ug/l 100
37) Ethyl Acetate	7.11	43	82734	46.639	ug/l 100
38) Carbon Tetrachloride	7.93	117	207141	50.380	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002457.D
 Acq On : 23 Apr 2020 12:25
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 12:54:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	236420	50.586	ug/l	100
40) Benzene	8.19	78	509935	49.129	ug/l	100
41) Methacrylonitrile	7.37	41	116599	54.598	ug/l #	43
42) 1,2-Dichloroethane	8.27	62	146851	48.879	ug/l	100
43) Isopropyl Acetate	8.30	43	157242	47.506	ug/l	100
44) Trichloroethene	8.96	130	160481	49.324	ug/l	100
45) 1,2-Dichloropropane	9.24	63	117311	48.977	ug/l	100
46) Dibromomethane	9.33	93	68812	49.508	ug/l	100
47) Bromodichloromethane	9.52	83	174053	49.960	ug/l	100
48) Methyl methacrylate	9.31	41	73079	48.459	ug/l	100
49) 1,4-Dioxane	9.32	88	17934	1025.628	ug/l	100
51) 4-Methyl-2-Pentanone	10.09	43	408287	238.024	ug/l	100
52) Toluene	10.26	92	330542	49.667	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	182131	50.266	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	208895	49.973	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	98039	47.629	ug/l	100
56) Ethyl methacrylate	10.52	69	135431	48.661	ug/l	100
57) 1,3-Dichloropropane	10.81	76	165894	47.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	319430	234.978	ug/l	100
59) 2-Hexanone	10.85	43	281774	237.425	ug/l	100
60) Dibromochloromethane	11.00	129	133218	49.665	ug/l	100
61) 1,2-Dibromoethane	11.10	107	97603	47.924	ug/l	100
64) Tetrachloroethene	10.74	164	172055	49.033	ug/l	100
65) Chlorobenzene	11.53	112	361835	49.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	138035	50.324	ug/l	100
67) Ethyl Benzene	11.61	91	653767	50.120	ug/l	100
68) m/p-Xylenes	11.72	106	498001	99.111	ug/l	100
69) o-Xylene	12.04	106	233490	49.614	ug/l	100
70) Styrene	12.06	104	407464	49.897	ug/l	100
71) Bromoform	12.22	173	84053	48.948	ug/l	100
73) Isopropylbenzene	12.34	105	651004	50.546	ug/l	100
74) N-amyl acetate	12.16	43	146920	48.922	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	91591	46.667	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	150253	54.766	ug/l #	100
77) Bromobenzene	12.62	156	158566	49.059	ug/l	100
78) n-propylbenzene	12.68	91	759621	50.661	ug/l	100
79) 2-Chlorotoluene	12.77	91	409337	50.033	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	553489	50.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	42545	48.722	ug/l	100
82) 4-Chlorotoluene	12.86	91	427966	49.577	ug/l	100
83) tert-Butylbenzene	13.09	119	489406	50.683	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	552415	50.529	ug/l	100
85) sec-Butylbenzene	13.27	105	664648	50.410	ug/l	100
86) p-Isopropyltoluene	13.38	119	634588	50.851	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	306309	49.638	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	303260	49.627	ug/l	100
89) n-Butylbenzene	13.70	91	577502	50.588	ug/l	100
90) Hexachloroethane	13.97	117	111454	49.978	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	274619	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18288	46.998	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
Data File : VY002457.D
Acq On : 23 Apr 2020 12:25
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 23 12:54:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 12:46:18 2020
Response via : Initial Calibration

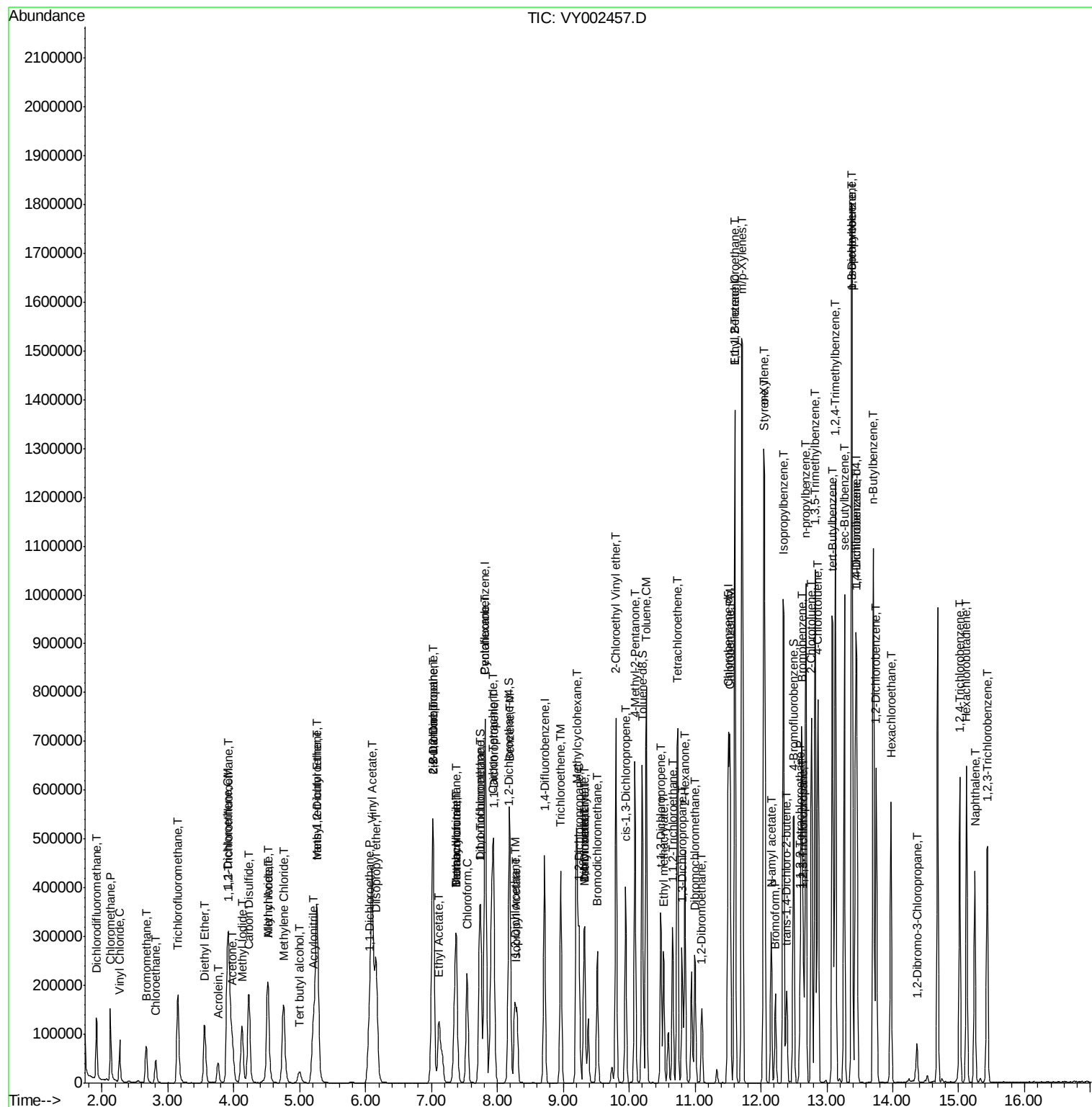
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	202474	49.508	ug/l	100
94) Hexachlorobutadiene	15.12	225	125371	50.425	ug/l	100
95) Naphthalene	15.25	128	366221	49.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	171389	49.745	ug/l	100

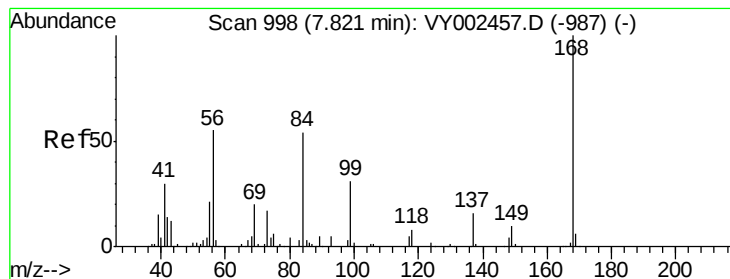
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
Data File : VY002457.D
Acq On : 23 Apr 2020 12:25
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 23 12:54:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 12:46:18 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

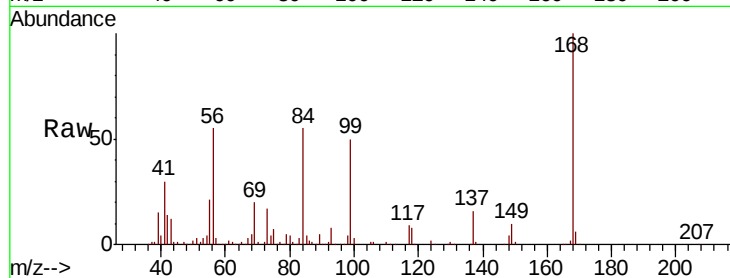
ClientSampleId :

Tot Ion:168 Resp: 287890

Ion Ratio Lower Upper

168 100

99 49.6 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) (-)

7.82

150000

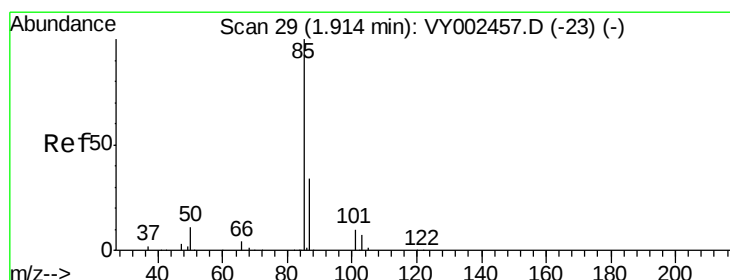
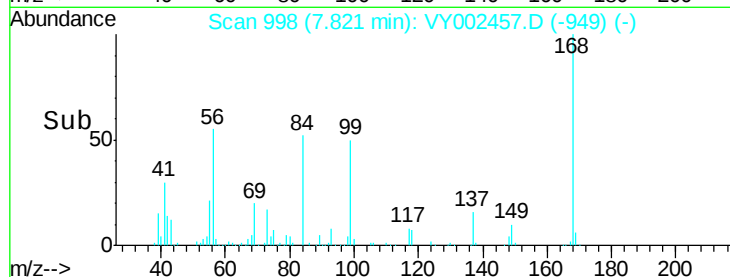
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.689 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002457.D

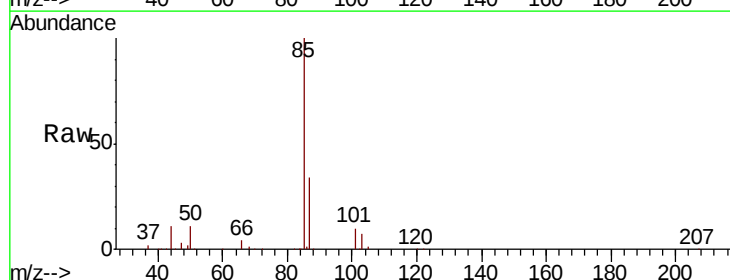
Acq: 23 Apr 2020 12:25

Tgt Ion: 85 Resp: 103663

Ion Ratio Lower Upper

85 100

87 34.2 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) (-)

1.91

80000

60000

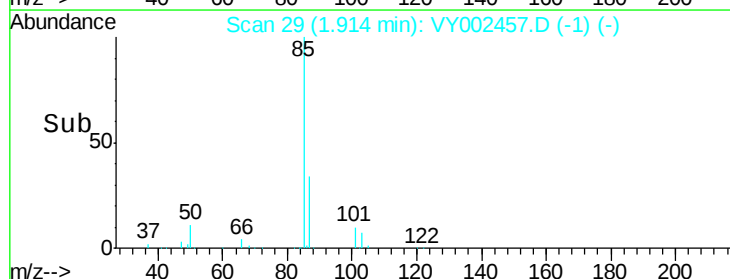
40000

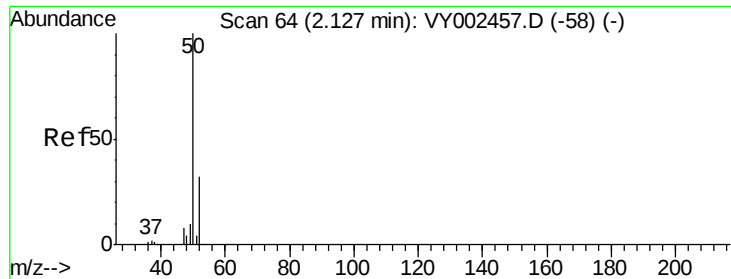
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.299 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

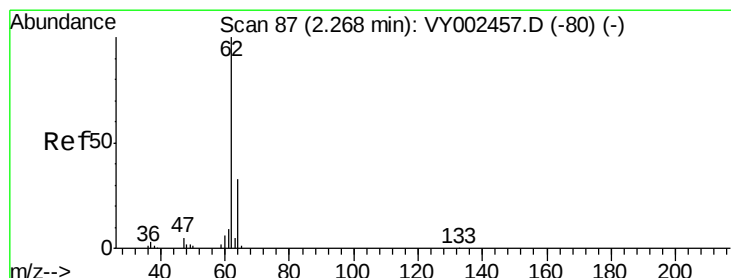
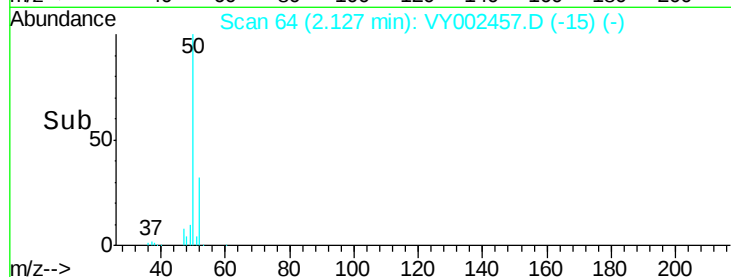
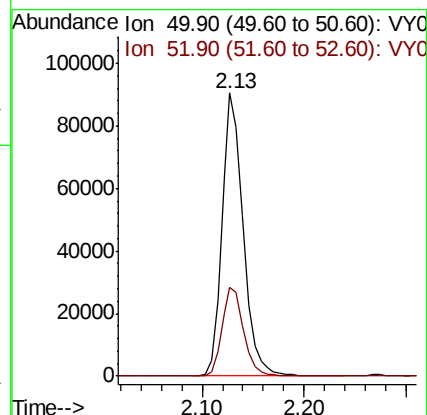
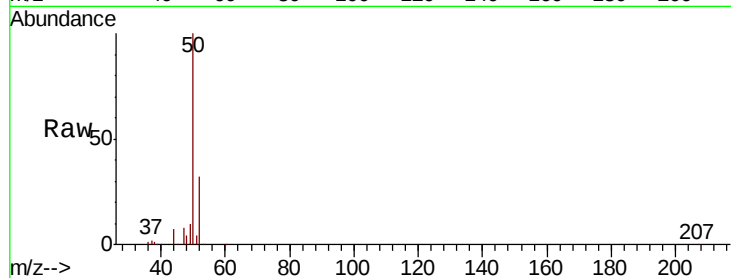
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 131387

Ion Ratio Lower Upper

50 100

52 31.5 25.2 37.8



#4

Vinyl Chloride

Concen: 42.411 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002457.D

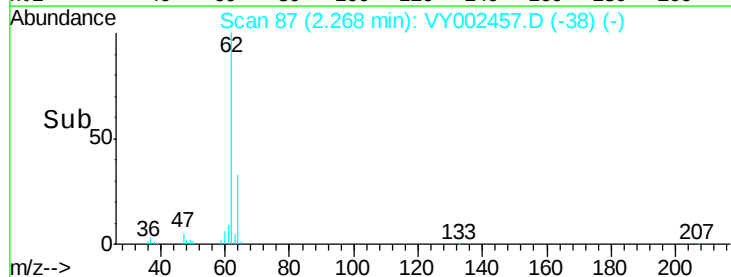
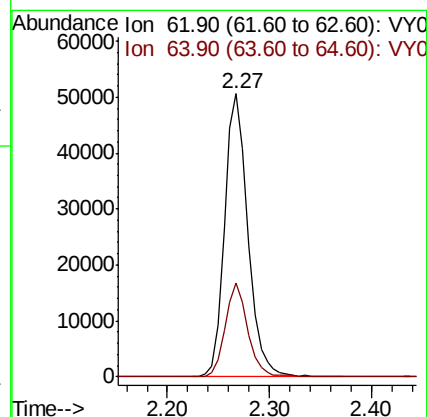
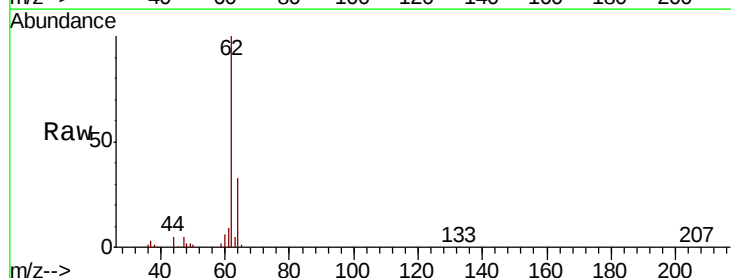
Acq: 23 Apr 2020 12:25

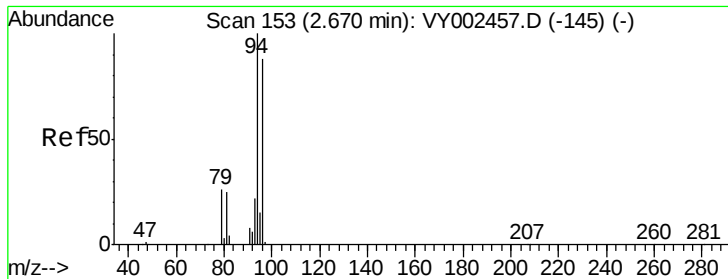
Tgt Ion: 62 Resp: 80585

Ion Ratio Lower Upper

62 100

64 33.2 26.6 39.8





#5

Bromomethane

Concen: 48.512 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

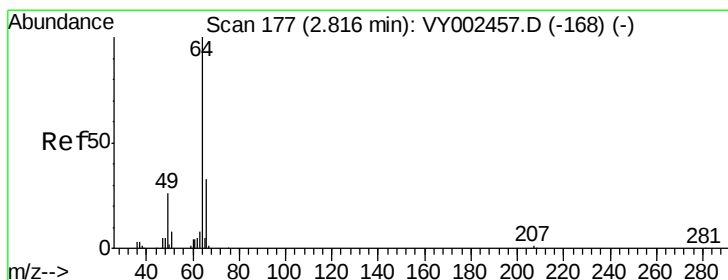
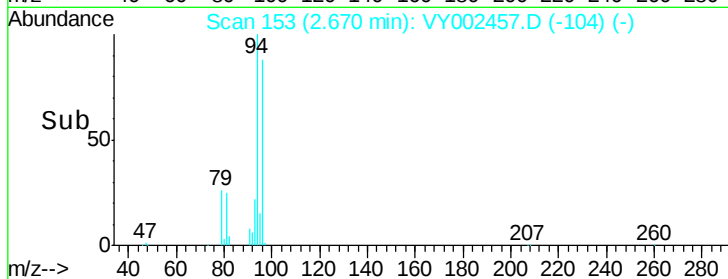
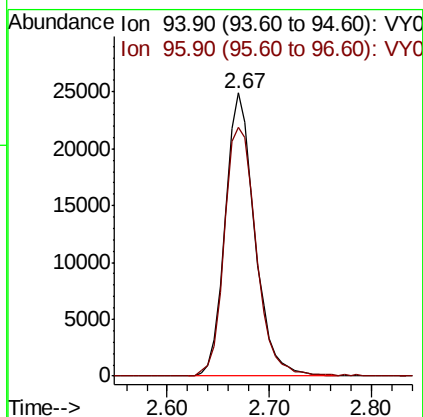
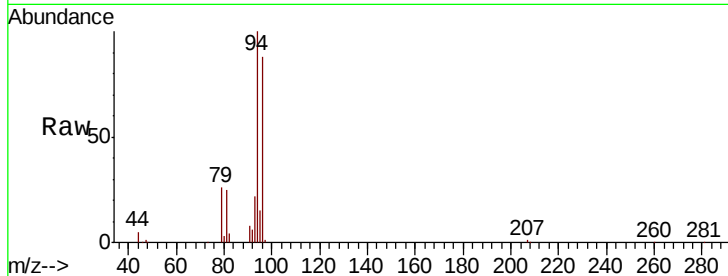
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 49772

Ion Ratio Lower Upper

94 100

96 87.8 70.2 105.4



#6

Chloroethane

Concen: 46.090 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.00 min

Lab File: VY002457.D

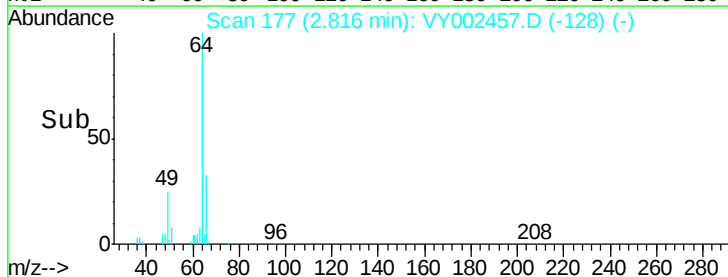
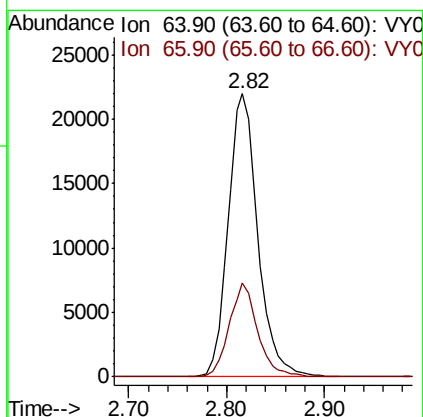
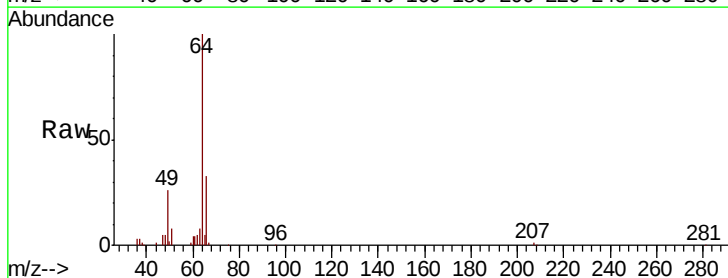
Acq: 23 Apr 2020 12:25

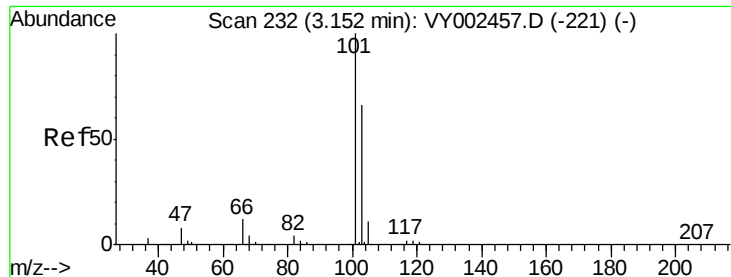
Tgt Ion: 64 Resp: 45989

Ion Ratio Lower Upper

64 100

66 33.3 26.6 40.0



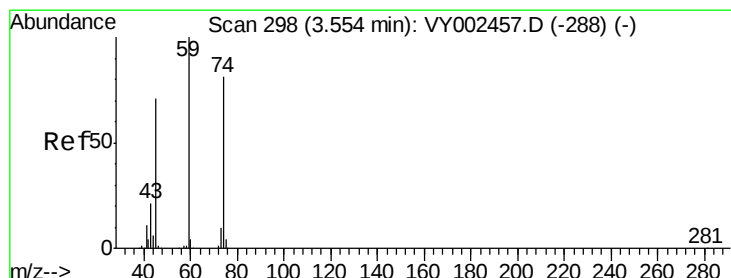
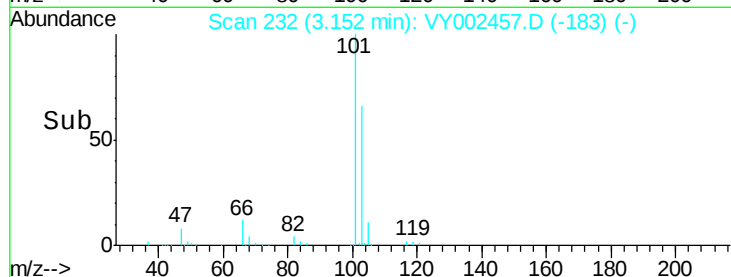
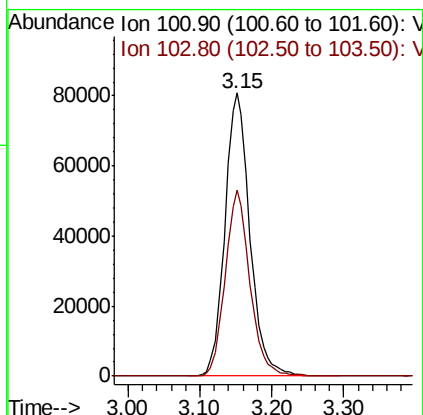
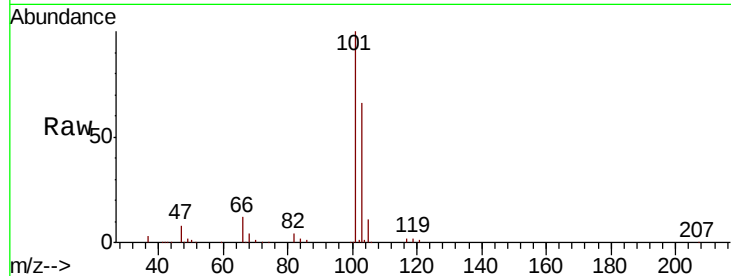


#7

Trichlorofluoromethane
 Concen: 56.509 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :

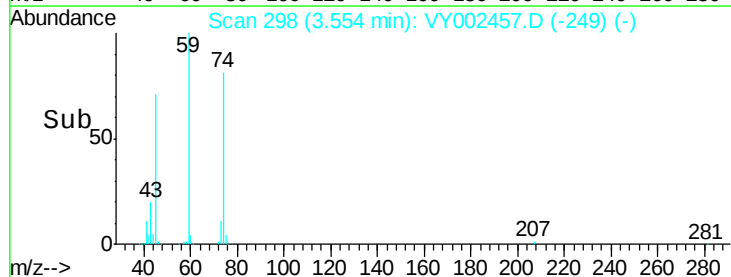
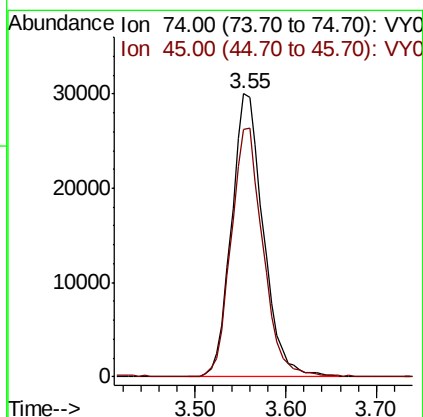
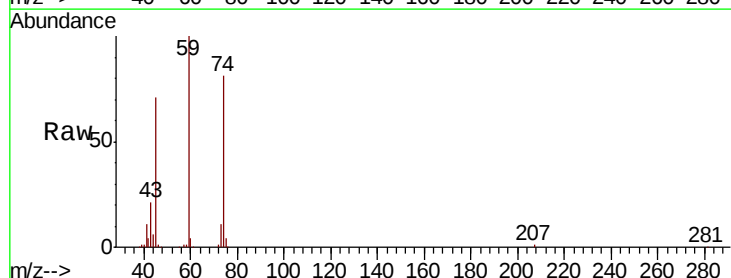
Tot Ion:101 Resp: 194745
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7

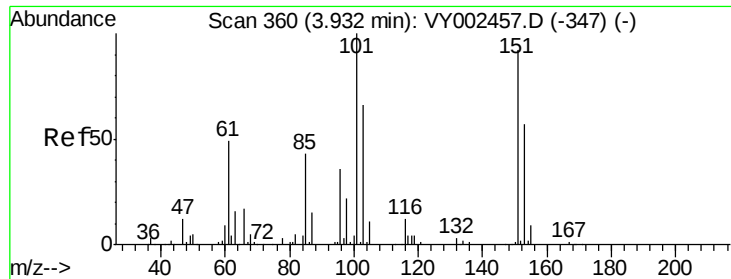


#8

Diethyl Ether
 Concen: 51.862 ug/l
 RT: 3.55 min Scan# 298
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion: 74 Resp: 73112
 Ion Ratio Lower Upper
 74 100
 45 88.0 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.310 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

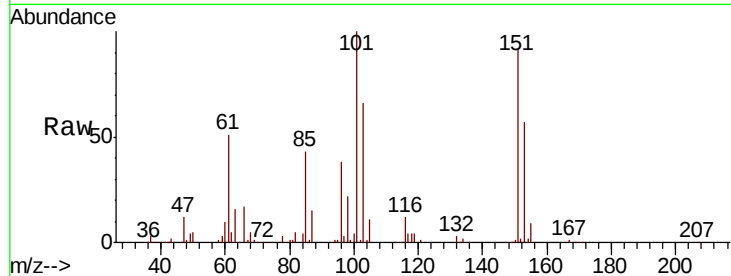
Tot Ion:101 Resp: 126931

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

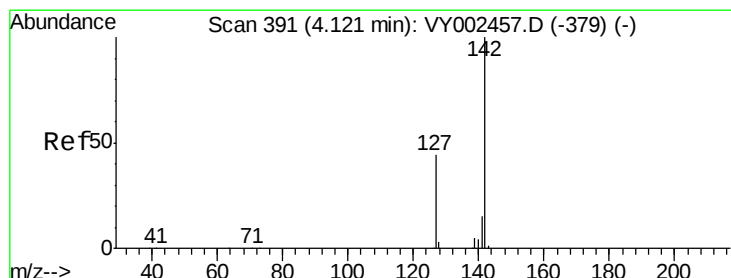
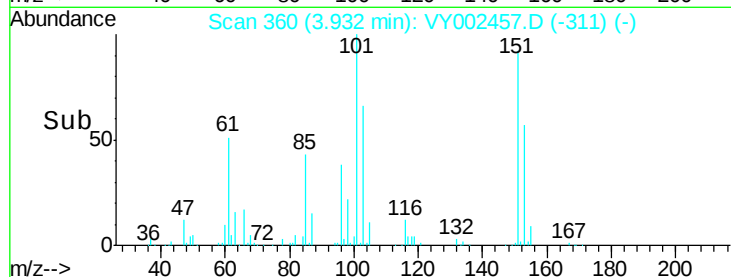
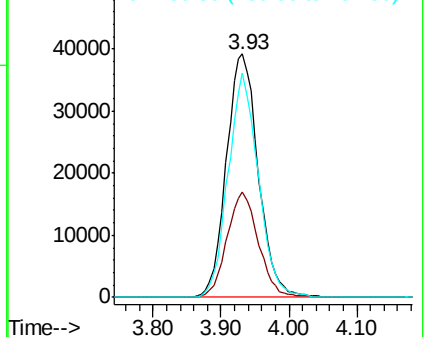
151 87.9 70.3 105.5



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: 51.900 ug/l

RT: 4.12 min Scan# 391

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

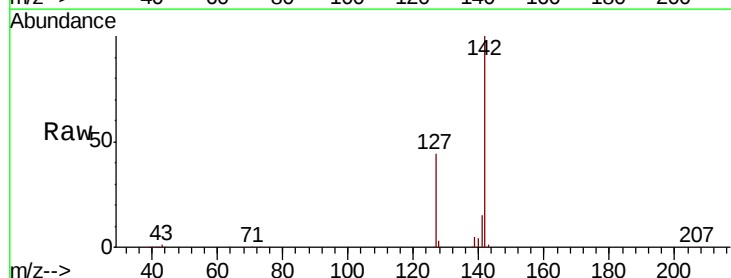
Tgt Ion:142 Resp: 191481

Ion Ratio Lower Upper

142 100

127 44.8 35.8 53.8

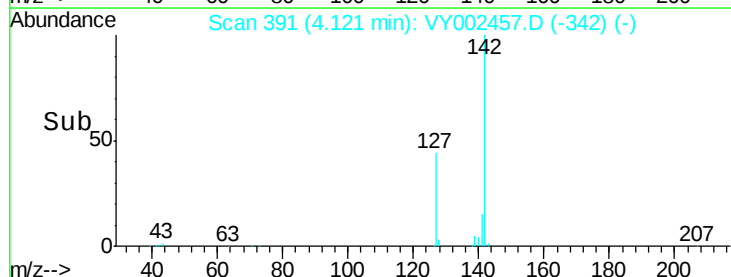
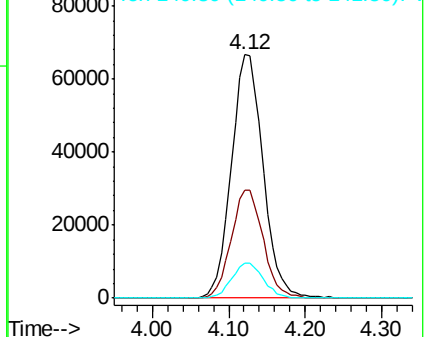
141 14.5 11.6 17.4

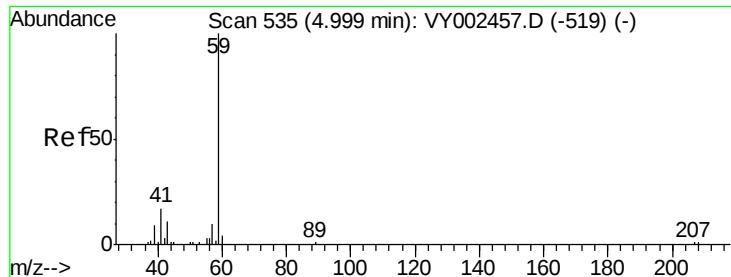


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

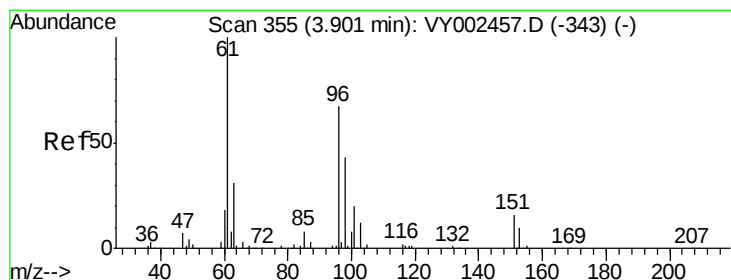
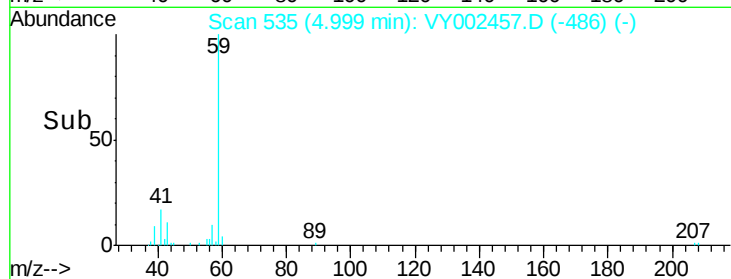
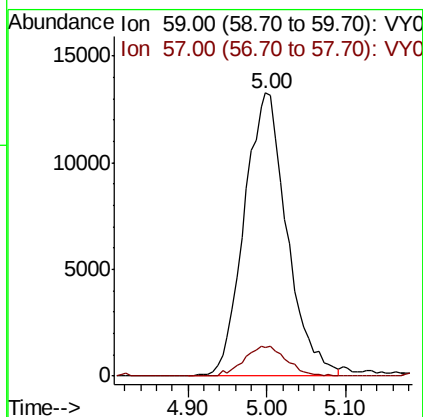
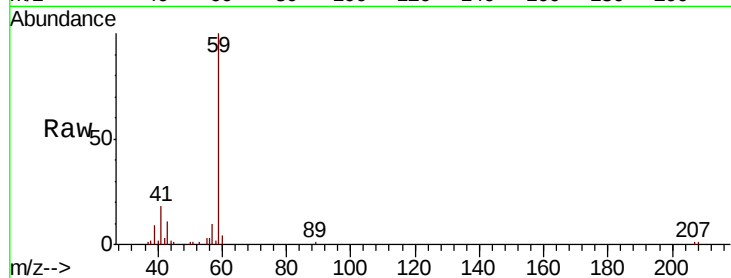




#11
Tert butyl alcohol
Concen: 212.863 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

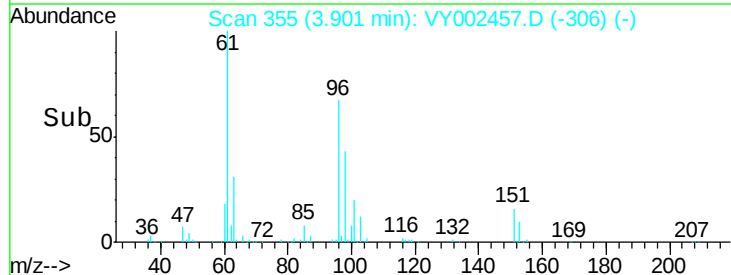
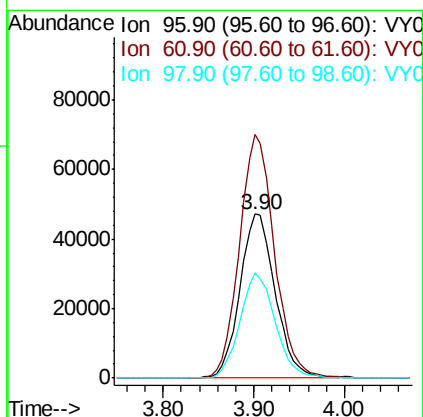
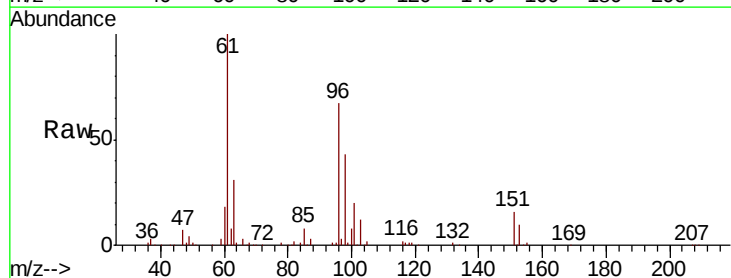
Instrument :
MSVOA_Y
ClientSampled :

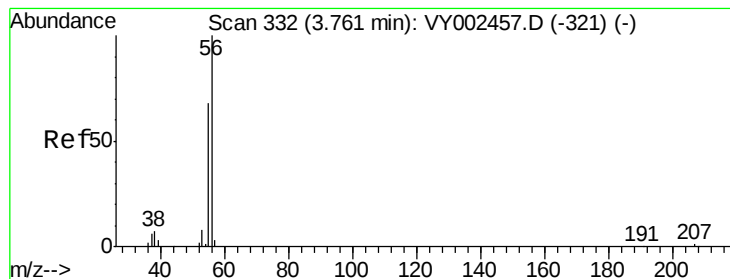
Tot Ion: 59 Resp: 49910
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 52.142 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 96 Resp: 127027
Ion Ratio Lower Upper
96 100
61 148.8 119.0 178.6
98 64.3 51.4 77.2





#13

Acrolein

Concen: 268.284 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

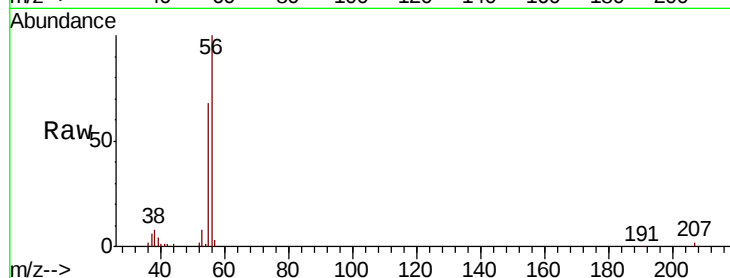
ClientSampleId :

Tot Ion: 56 Resp: 48425

Ion Ratio Lower Upper

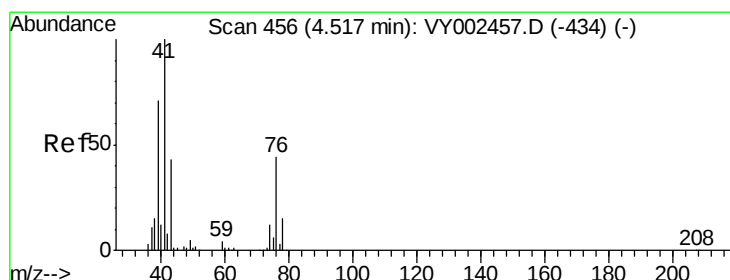
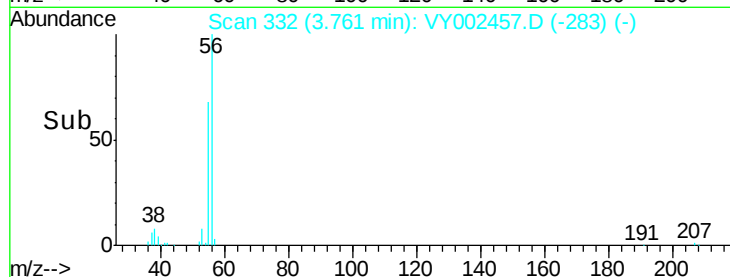
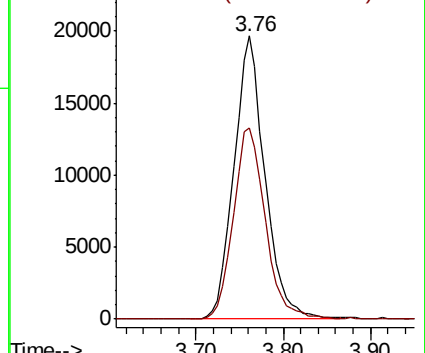
56 100

55 69.7 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.258 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

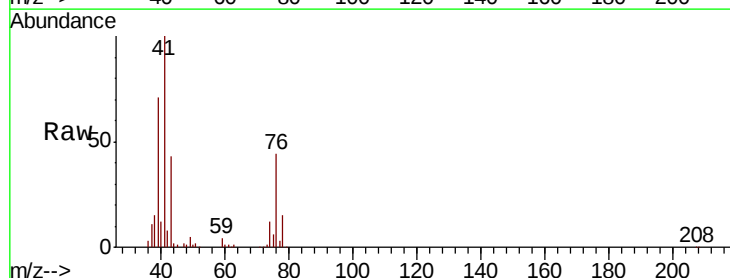
Tgt Ion: 41 Resp: 178545

Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

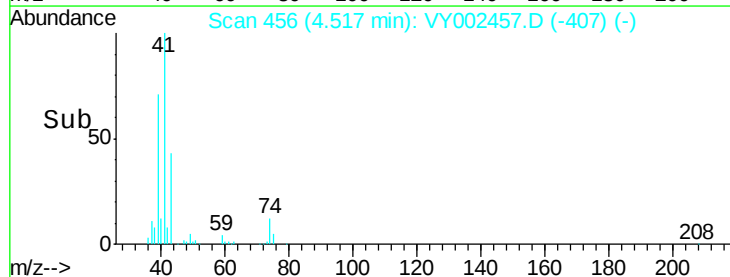
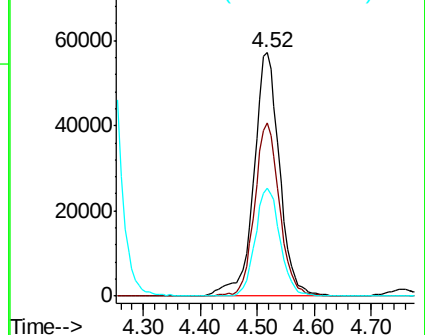
76 42.9 34.3 51.5

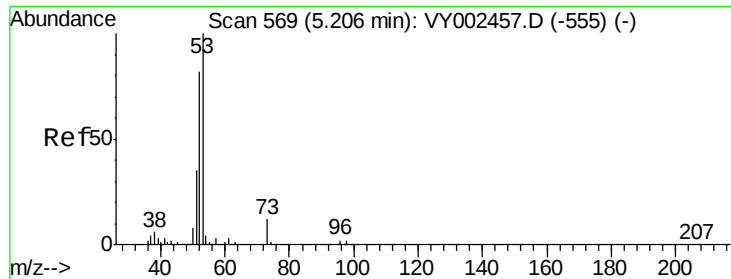


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 239.080 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

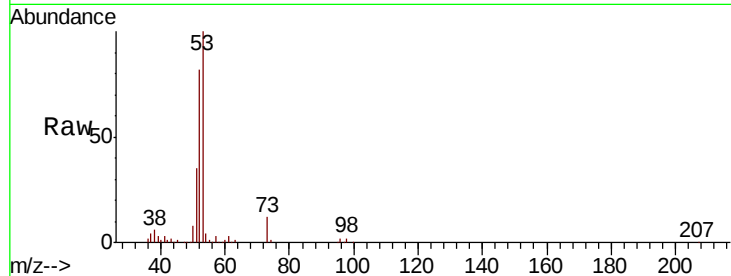
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 53 Resp: 162727

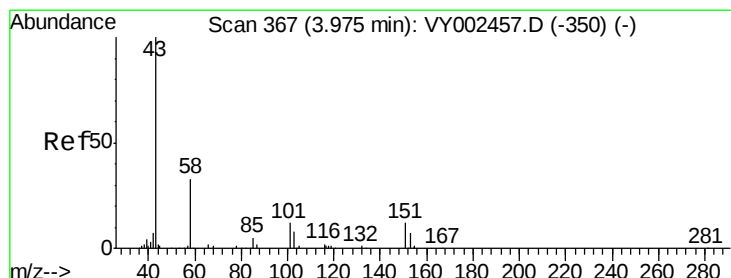
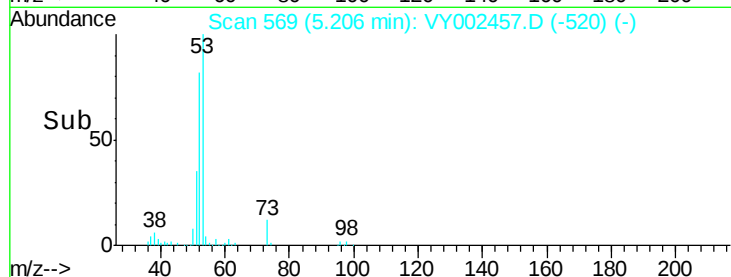
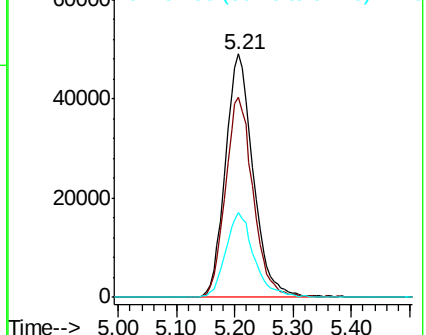
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.4	98.2
51	35.4	28.3	42.5



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: 251.062 ug/l

RT: 3.97 min Scan# 367

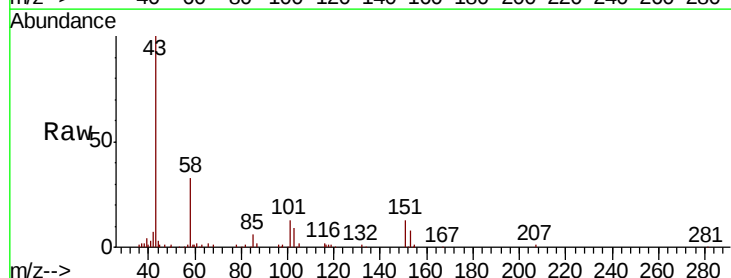
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

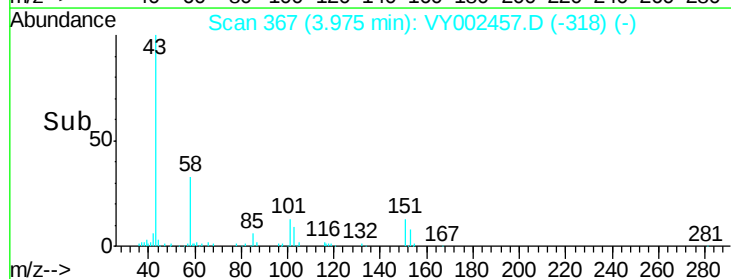
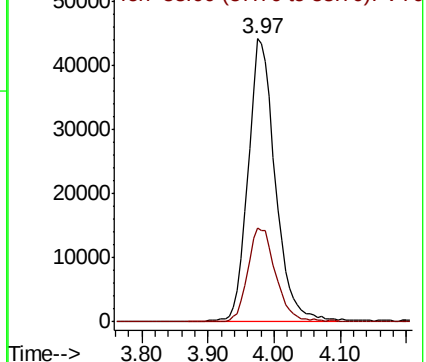
Tgt Ion: 43 Resp: 127114

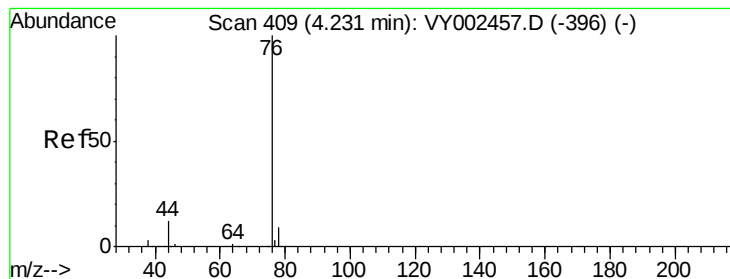
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.4	39.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 50.727 ug/l

RT: 4.23 min Scan# 409

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

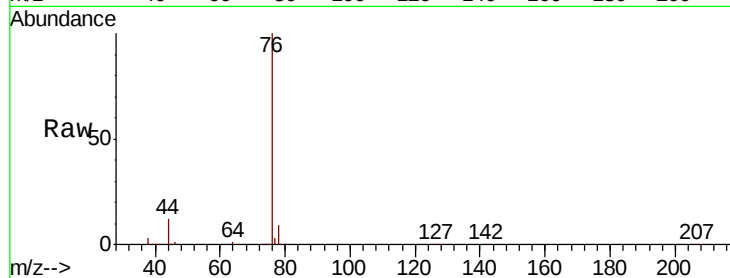
ClientSampled :

Tot Ion: 76 Resp: 389297

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.23

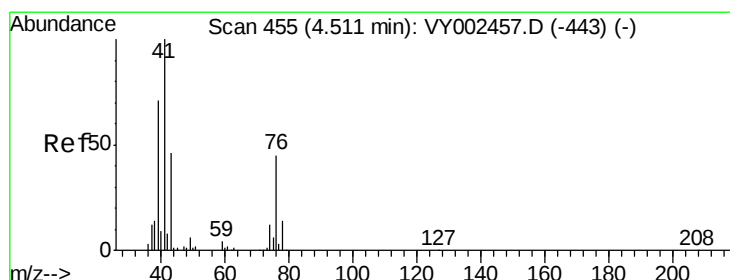
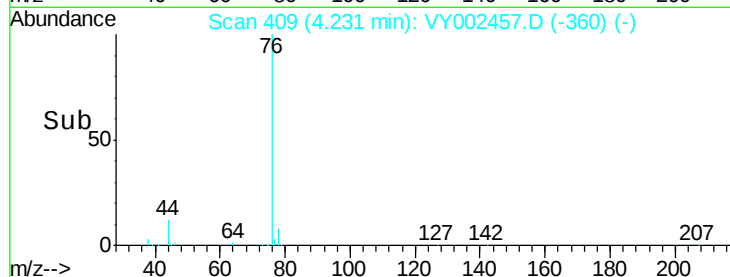
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 45.053 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.00 min

Lab File: VY002457.D

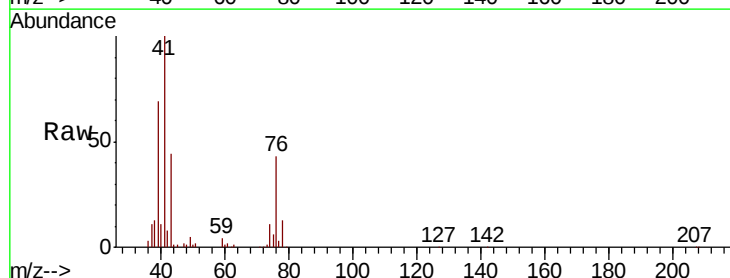
Acq: 23 Apr 2020 12:25

Tgt Ion: 43 Resp: 75903

Ion Ratio Lower Upper

43 100

74 27.5 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.51

25000

20000

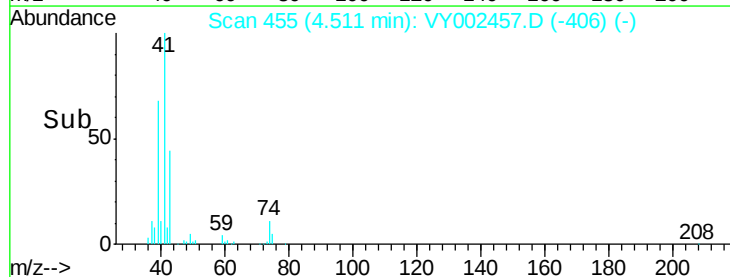
15000

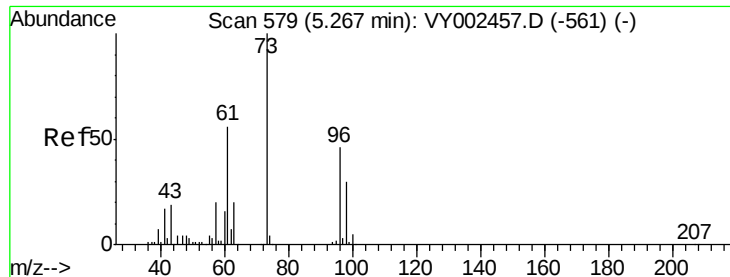
10000

5000

0

Time-->

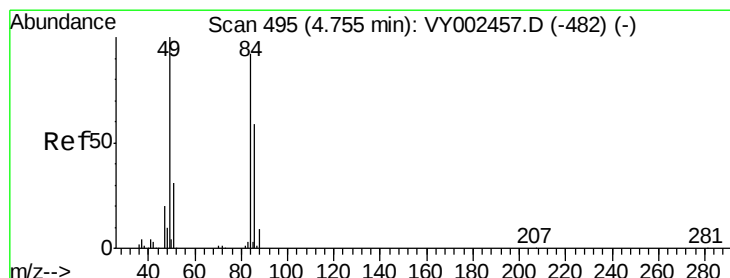
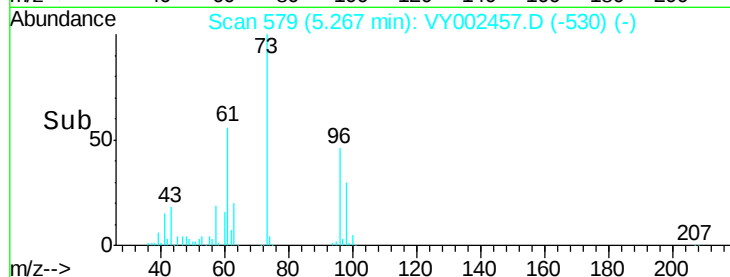
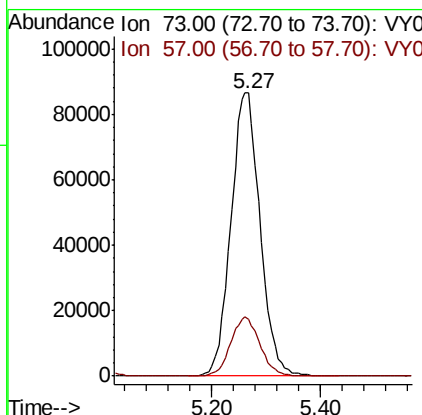
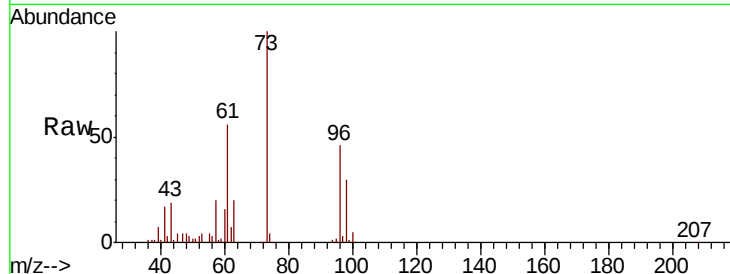




#19
Methvl tert-butvl Ether
Concen: 48.930 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

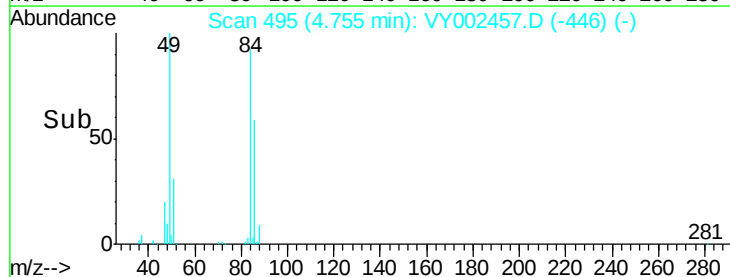
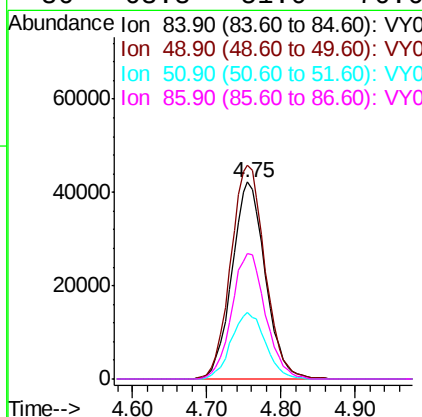
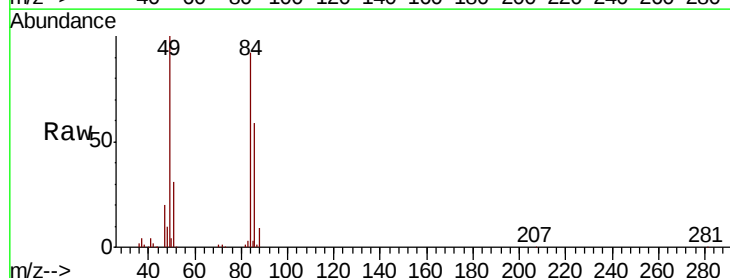
Instrument :
MSVOA_Y
ClientSampled :

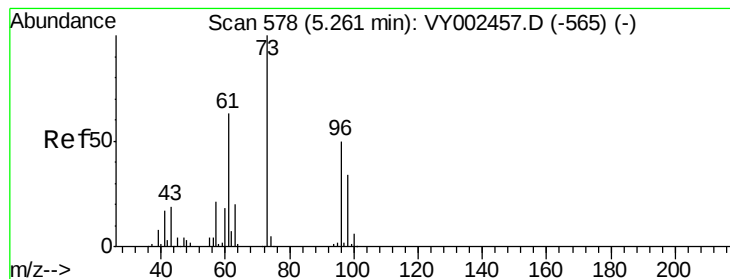
Tot Ion: 73 Resp: 322428
Ion Ratio Lower Upper
73 100
57 20.0 16.0 24.0



#20
Methylene Chloride
Concen: 42.872 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 84 Resp: 132623
Ion Ratio Lower Upper
84 100
49 108.6 86.9 130.3
51 34.1 27.3 40.9
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.820 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampled :

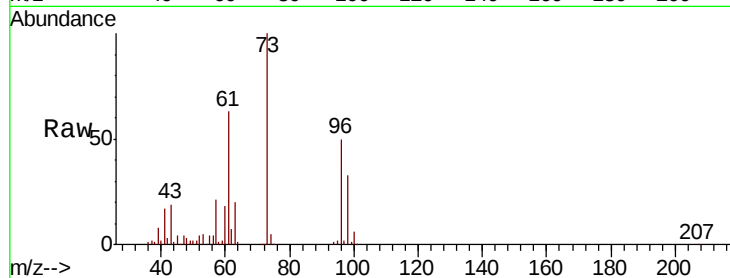
Tot Ion: 96 Resp: 136144

Ion Ratio Lower Upper

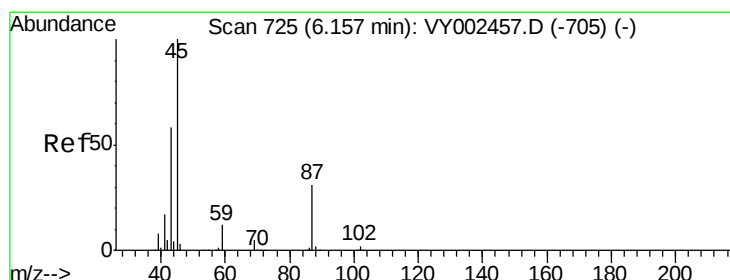
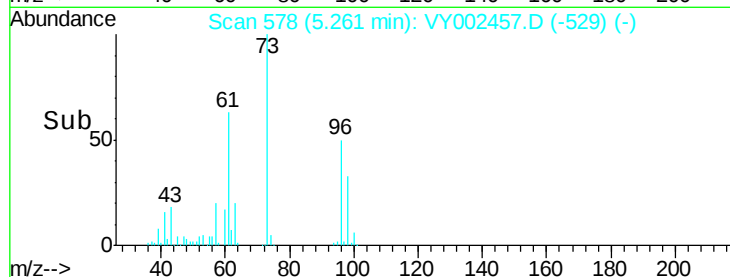
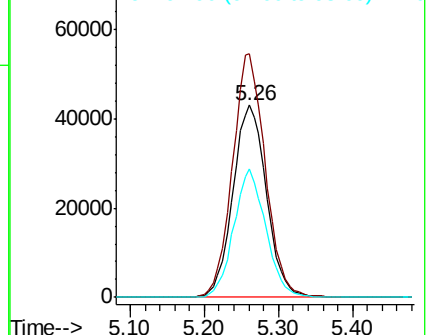
96 100

61 126.7 101.4 152.0

98 67.0 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: 47.341 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion: 45 Resp: 340954

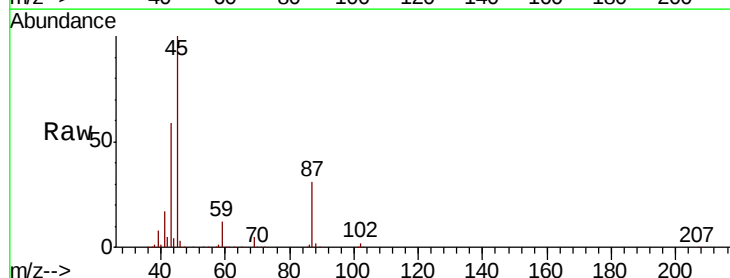
Ion Ratio Lower Upper

45 100

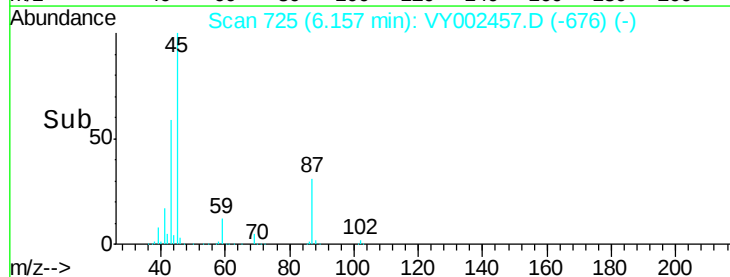
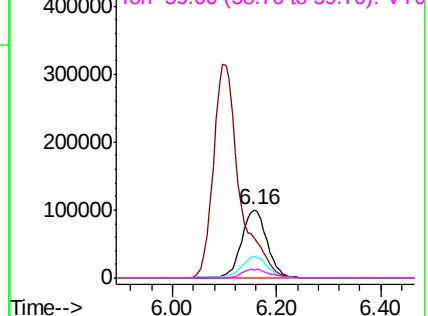
43 58.9 47.1 70.7

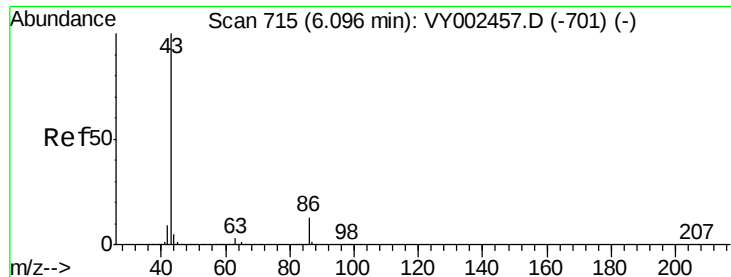
87 31.3 25.0 37.6

59 12.1 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: 242.177 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

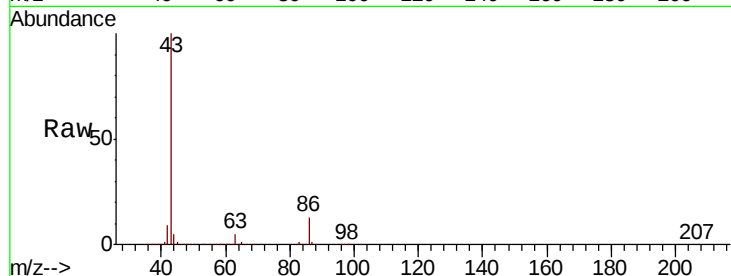
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1093998

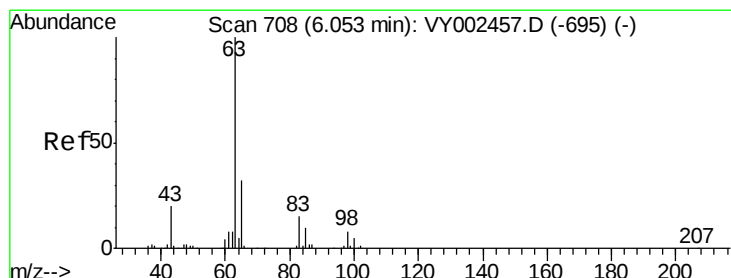
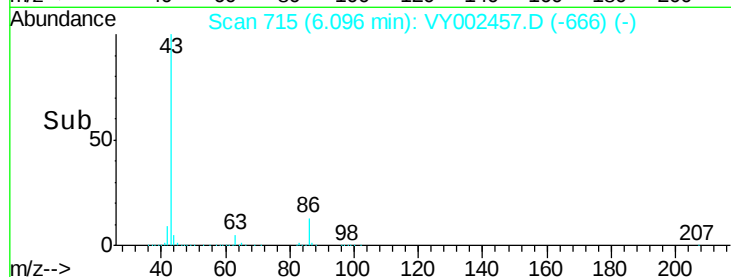
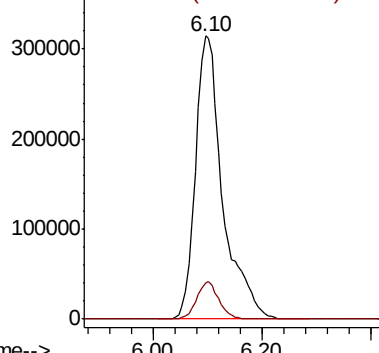
Ion Ratio Lower Upper

43 100

86 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 49.216 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

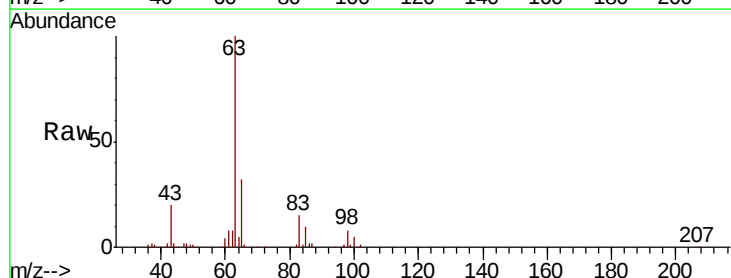
Tgt Ion: 63 Resp: 214906

Ion Ratio Lower Upper

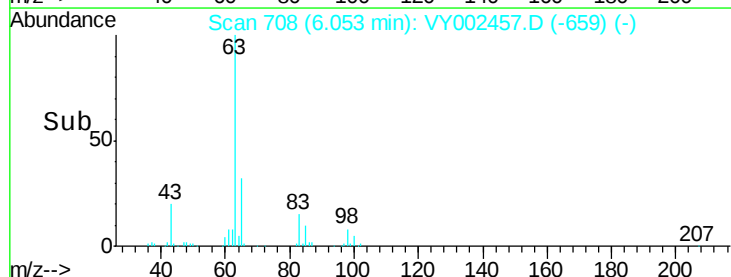
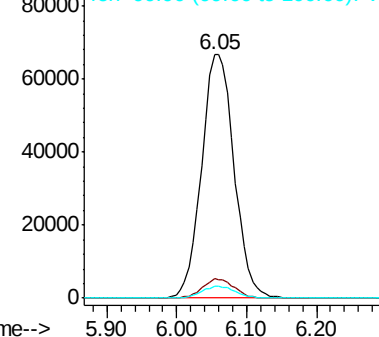
63 100

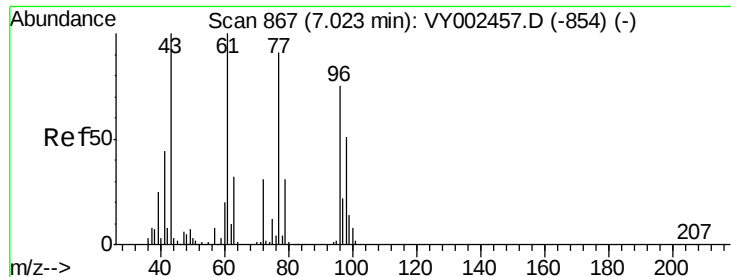
98 8.2 4.1 12.3

100 4.9 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 230.701 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

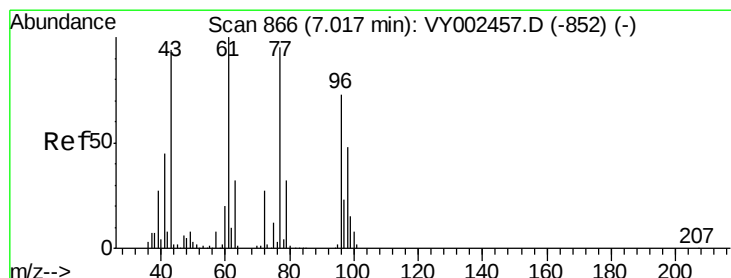
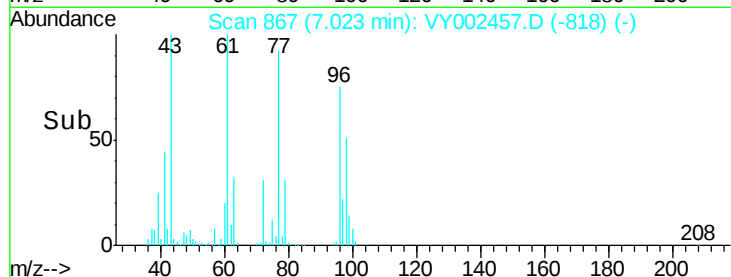
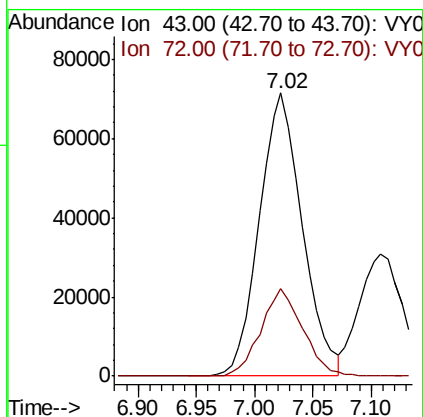
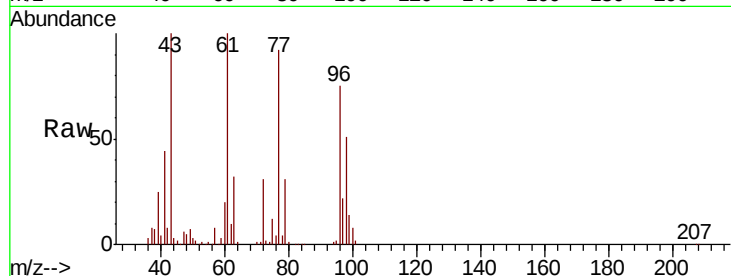
ClientSampled :

Tot Ion: 43 Resp: 182527

Ion Ratio Lower Upper

43 100

72 31.0 24.8 37.2



#26

2,2-Dichloropropane

Concen: 49.392 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002457.D

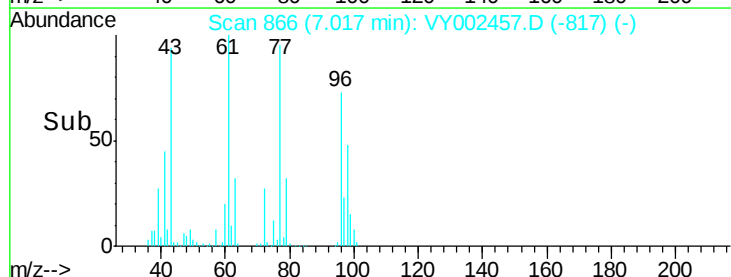
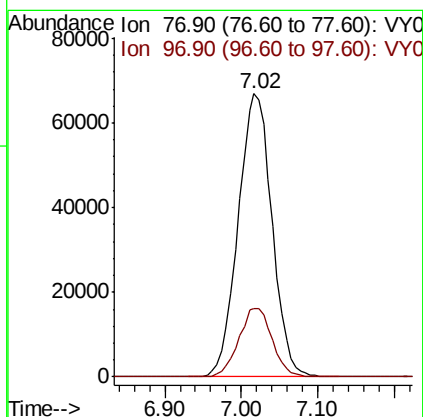
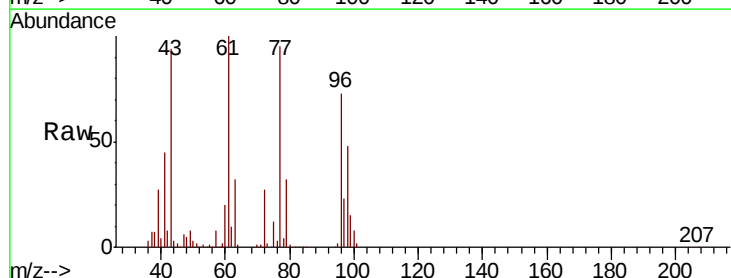
Acq: 23 Apr 2020 12:25

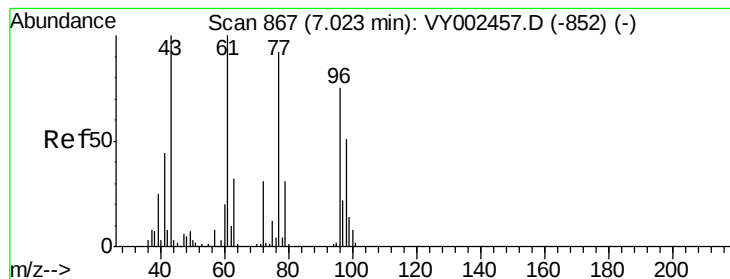
Tgt Ion: 77 Resp: 205178

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0



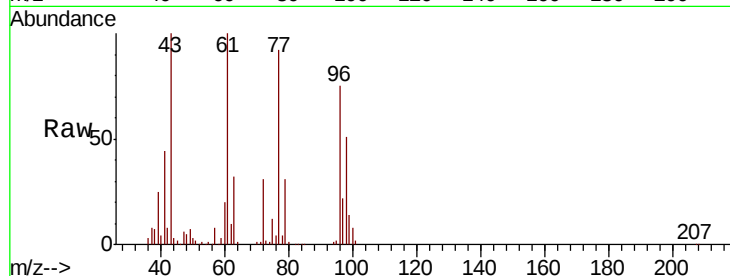


#27

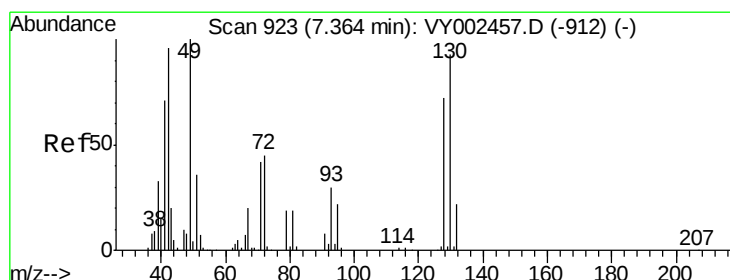
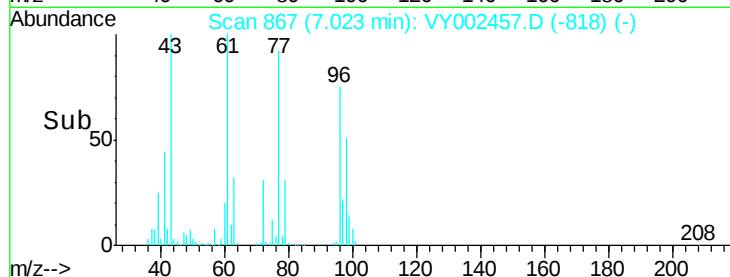
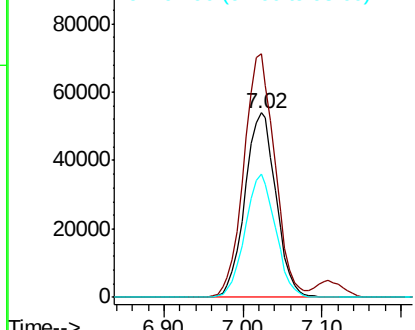
cis-1,2-Dichloroethene
Concen: 48.790 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	96	Resp	147913
Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	262.6
98	65.5	0.0	131.0



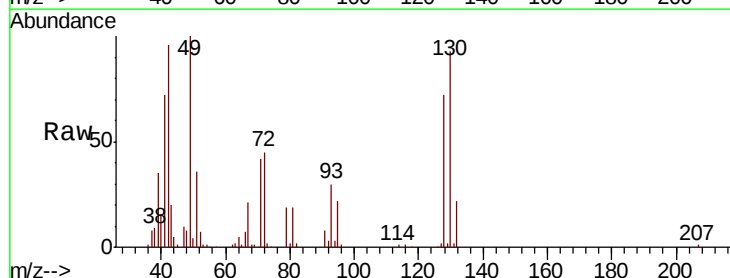
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



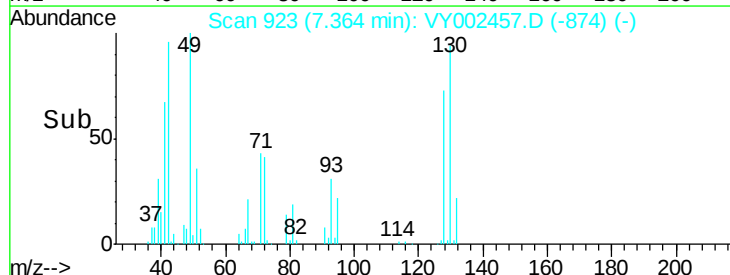
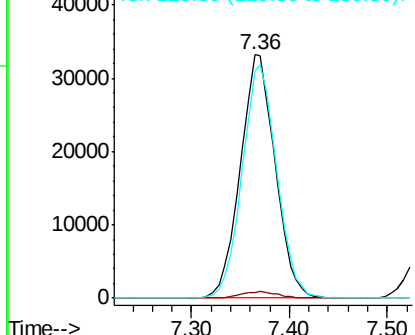
#28

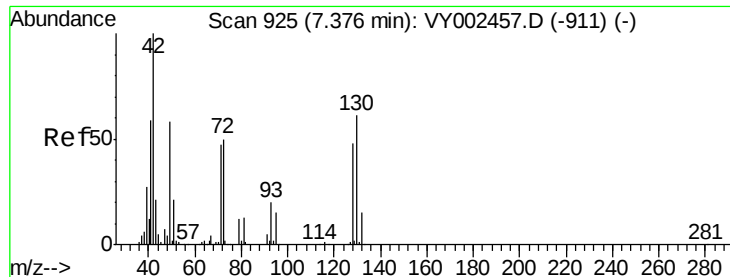
Bromochloromethane
Concen: 47.747 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	49	Resp	81952
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	95.4	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

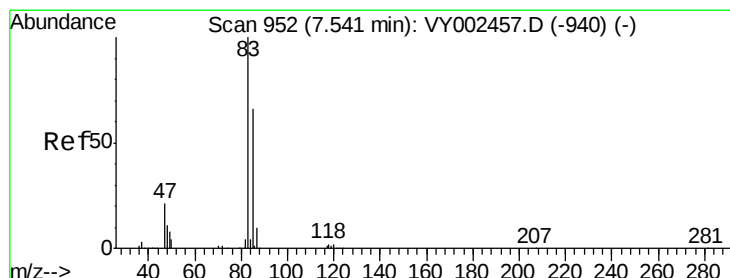
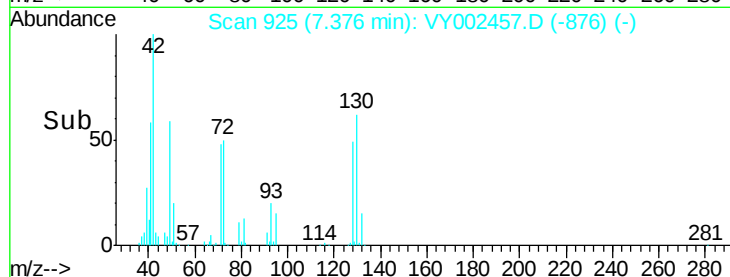
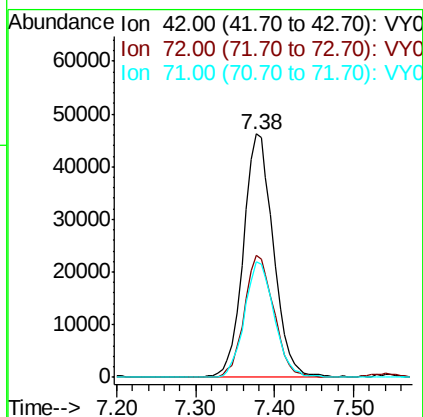
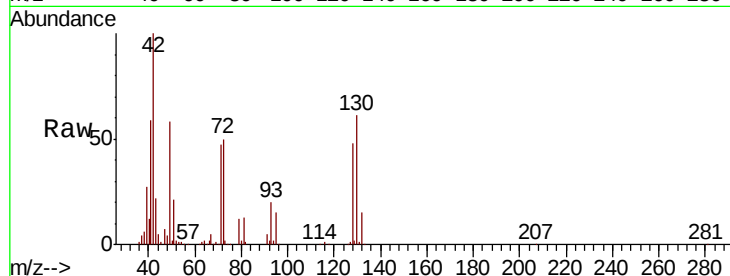




#29
Tetrahydrofuran
Concen: 231.648 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

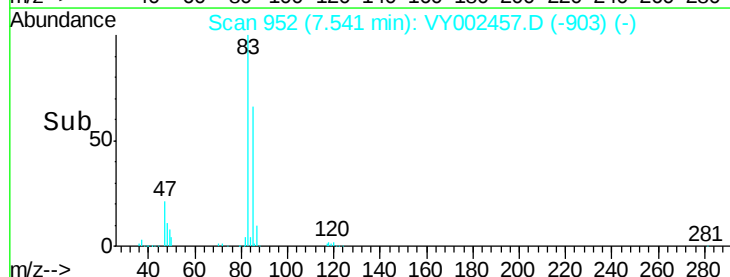
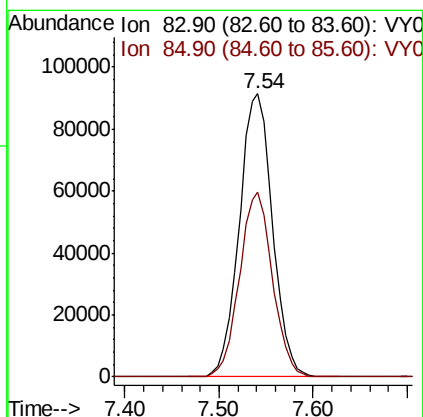
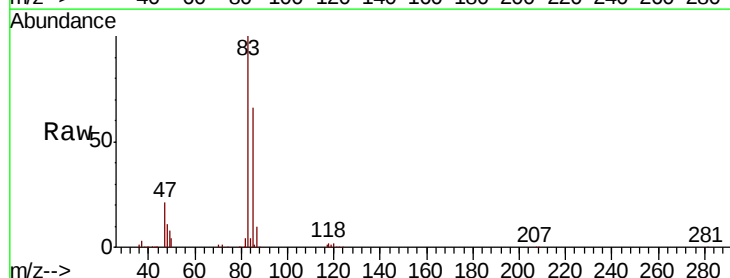
Instrument :
MSVOA_Y
ClientSampled :

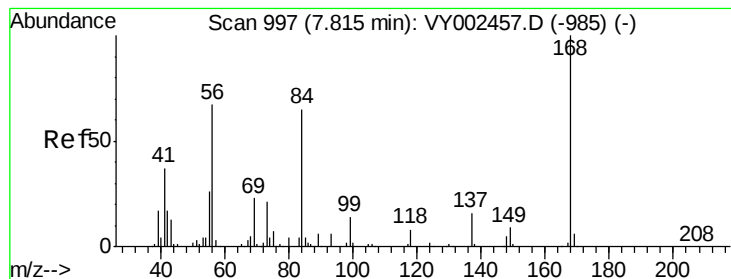
Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.5	59.3
71	47.0	37.6	56.4



#30
Chloroform
Concen: 48.627 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





#31

Cyclohexane

Concen: 45.281 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

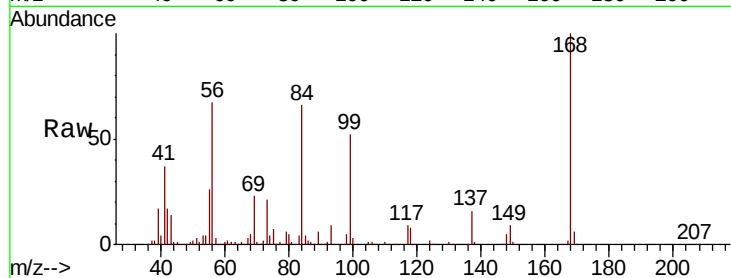
Tot Ion: 56 Resp: 200265

Ion Ratio Lower Upper

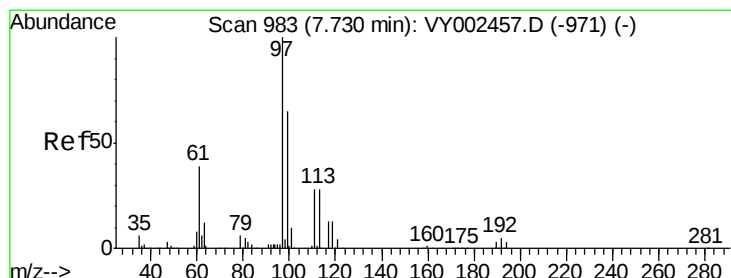
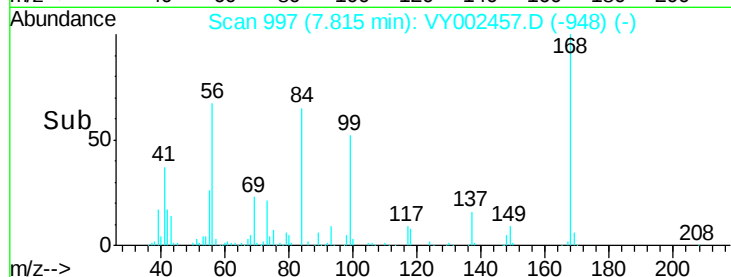
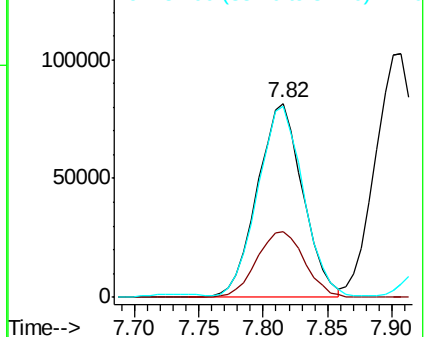
56 100

69 33.8 27.0 40.6

84 96.8 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: 50.170 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

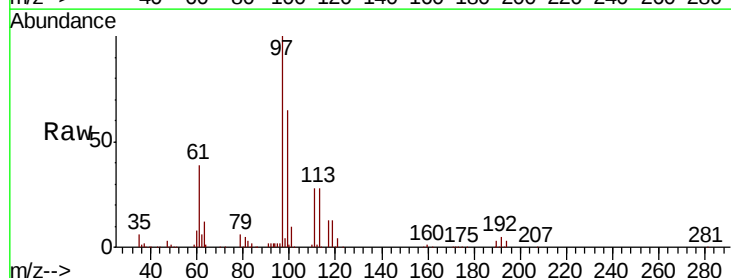
Tgt Ion: 97 Resp: 218535

Ion Ratio Lower Upper

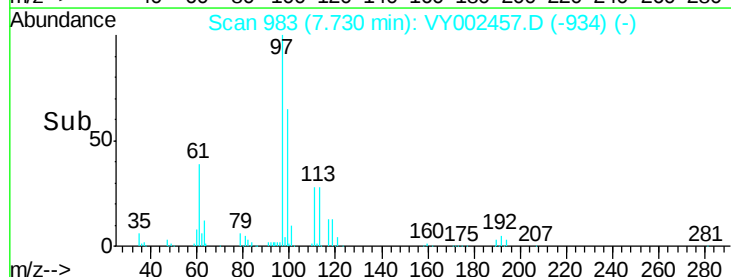
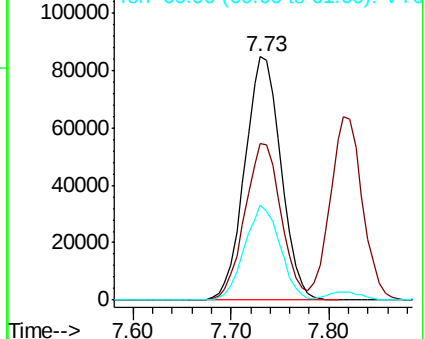
97 100

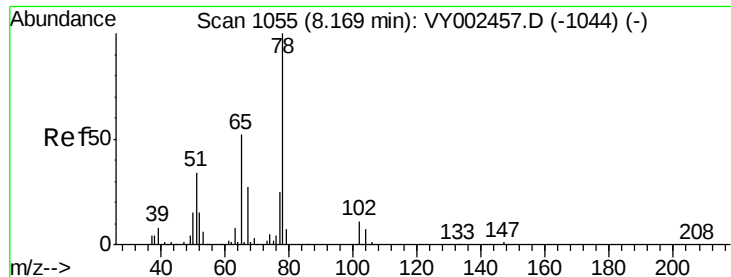
99 64.5 51.6 77.4

61 38.2 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: 45.835 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

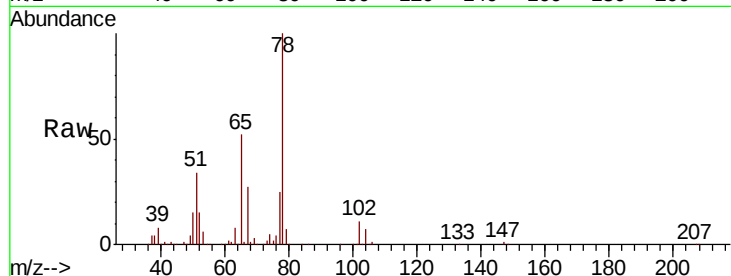
ClientSampleId :

Tot Ion: 65 Resp: 115588

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.17

60000

50000

40000

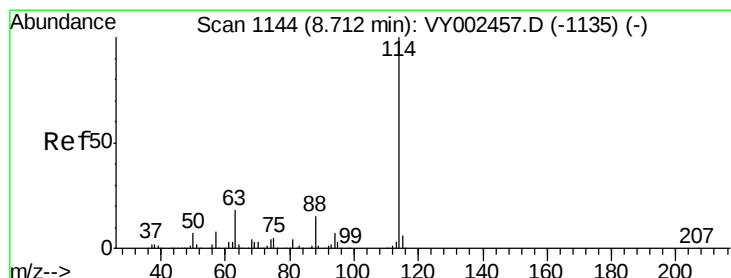
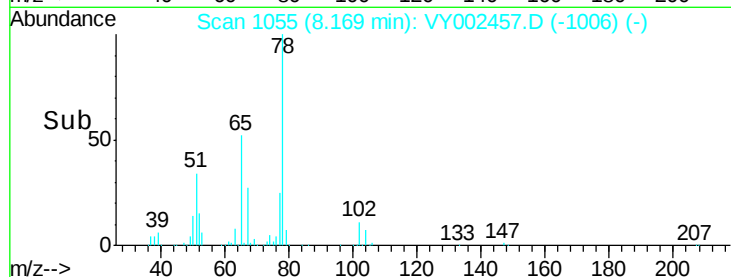
30000

20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

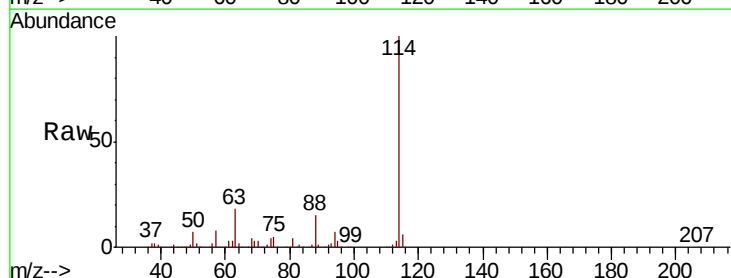
Tgt Ion: 114 Resp: 419096

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

88 14.7 0.0 29.4



Abundance Ion 113.90 (113.60 to 114.60): VY002457.D (-1135) (-)

Ion 63.00 (62.70 to 63.70): VY002457.D (-1135) (-)

Ion 87.90 (87.60 to 88.60): VY002457.D (-1135) (-)

8.71

250000

200000

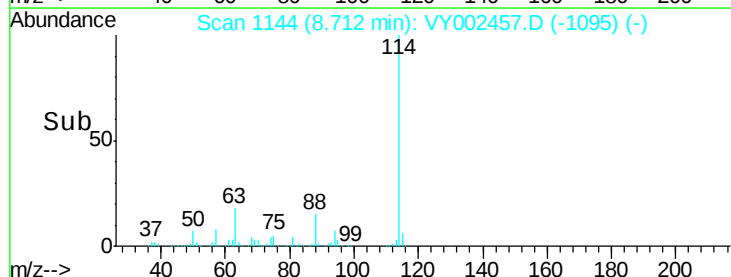
150000

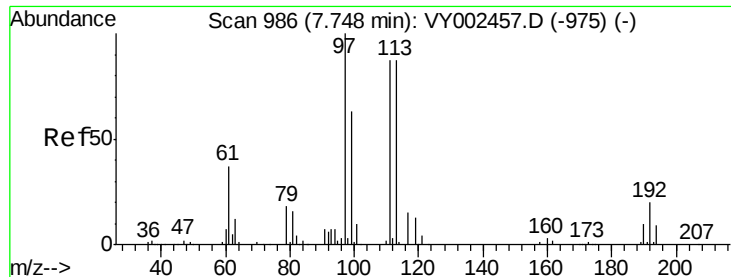
100000

50000

0

Time--> 8.60 8.70 8.80

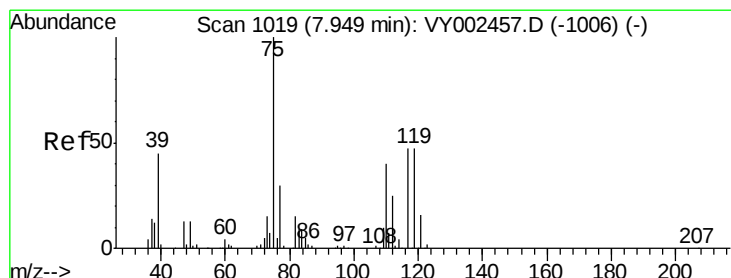
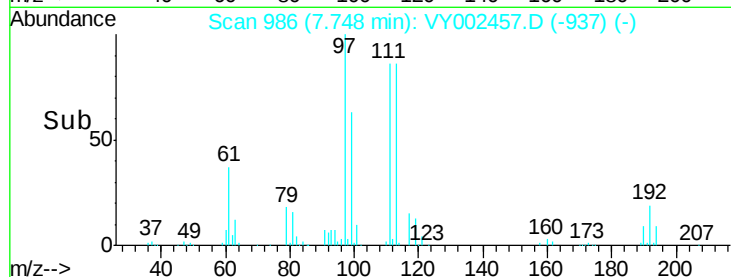
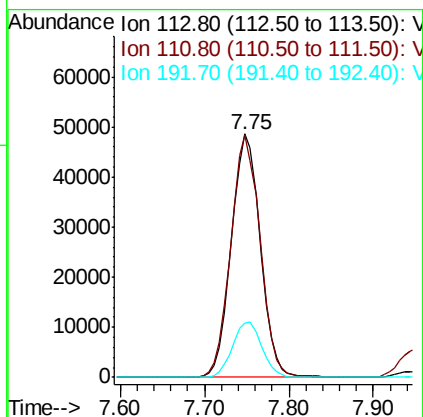
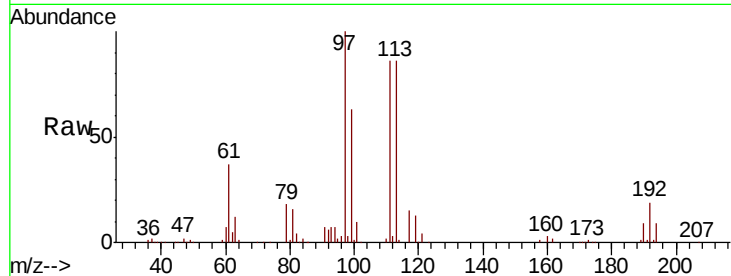




#35
 Dibromofluoromethane
 Concen: 47.579 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

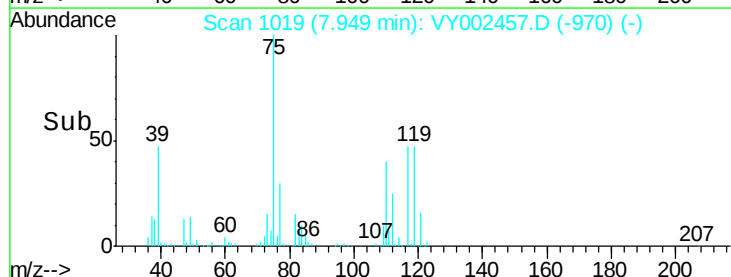
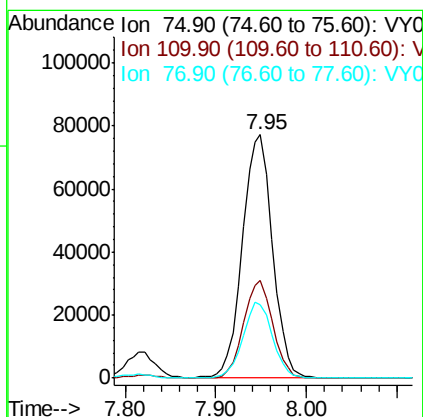
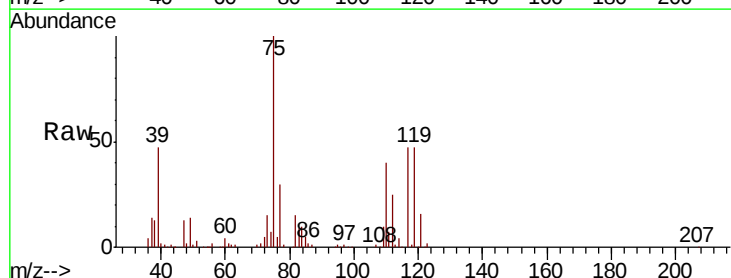
Instrument :
 MSVOA_Y
 ClientSampleId :

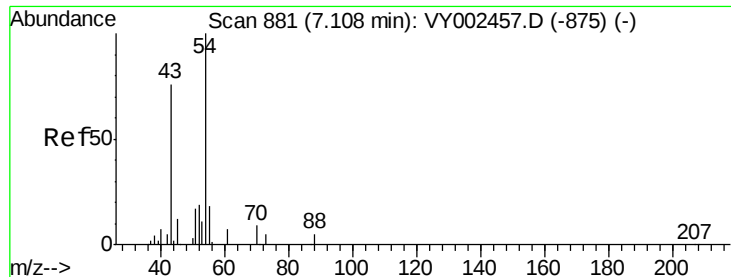
Tot Ion:113 Resp: 112859
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.0 121.4
 192 23.2 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 49.359 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion: 75 Resp: 177537
 Ion Ratio Lower Upper
 75 100
 110 38.9 19.4 58.4
 77 30.9 24.7 37.1

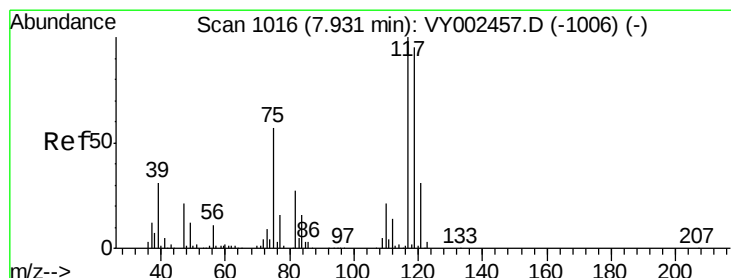
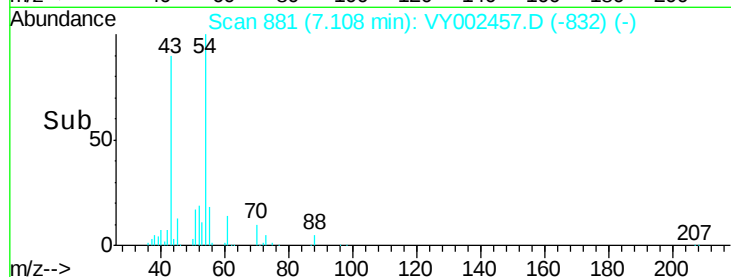
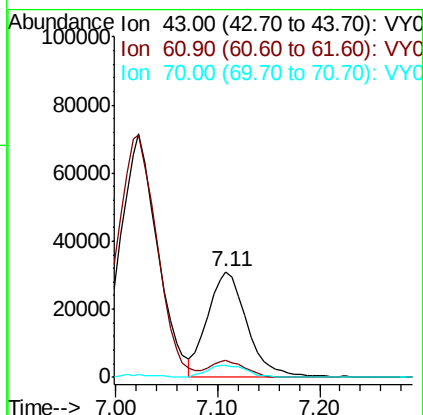
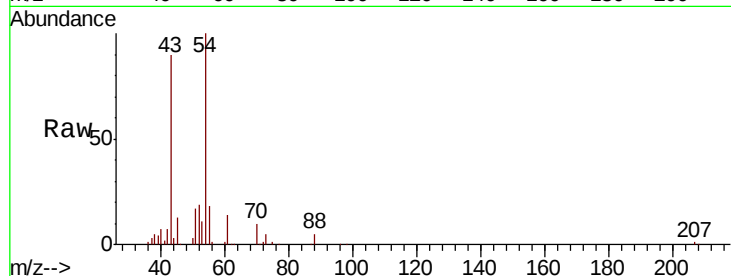




#37
Ethyl Acetate
Concen: 46.639 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

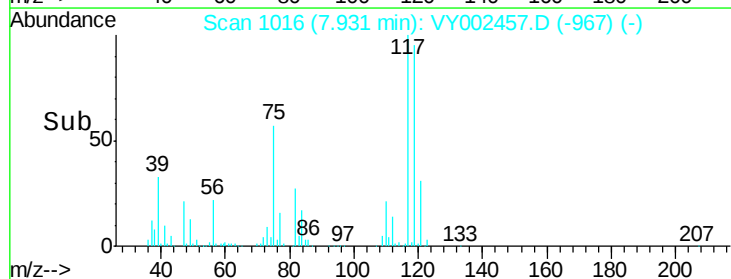
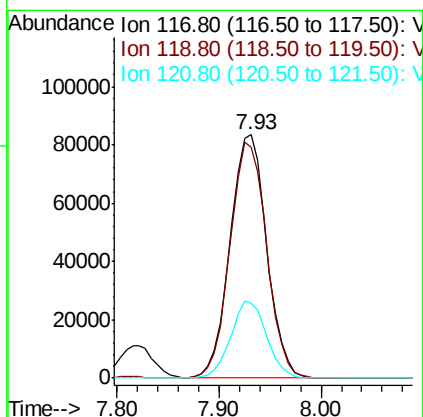
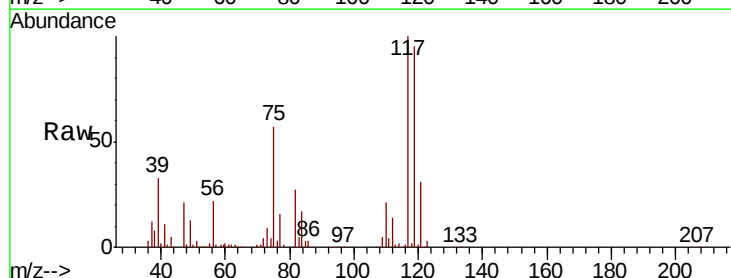
Instrument :
MSVOA_Y
ClientSampled :

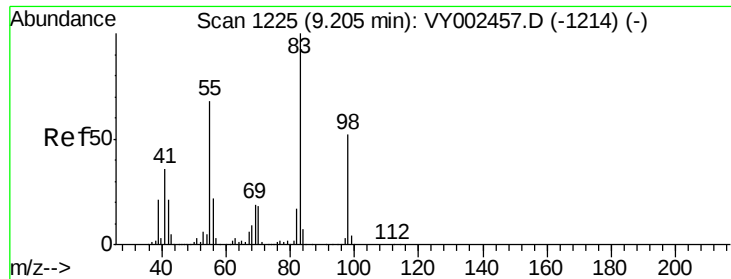
Tot Ion: 43 Resp: 82734
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 50.380 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 117 Resp: 207141
Ion Ratio Lower Upper
117 100
119 94.9 75.9 113.9
121 30.6 24.5 36.7

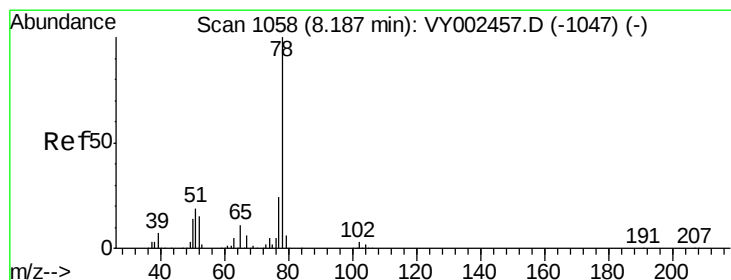
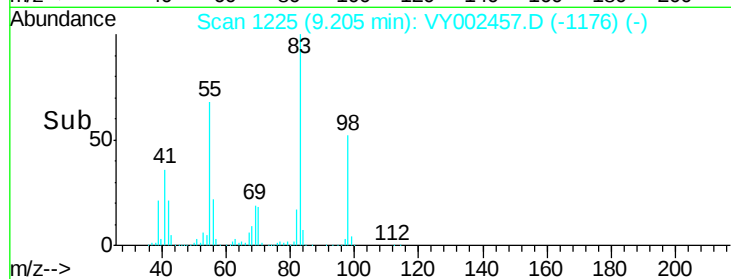
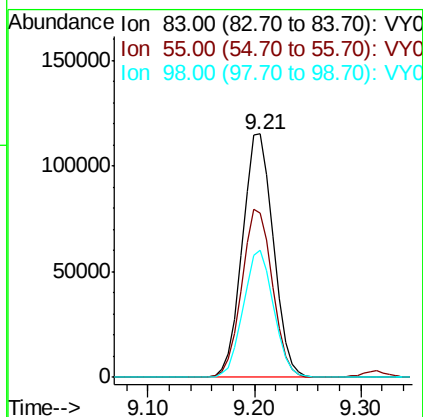
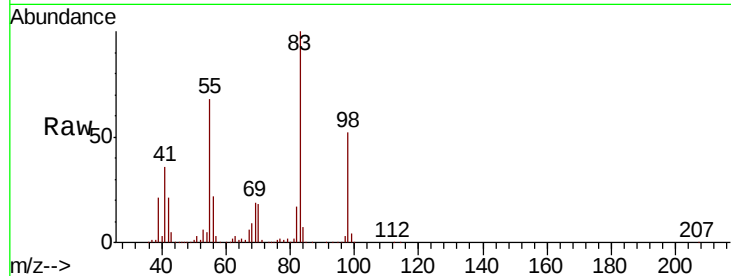




#39
Methvlcvclohexane
Concen: 50.586 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

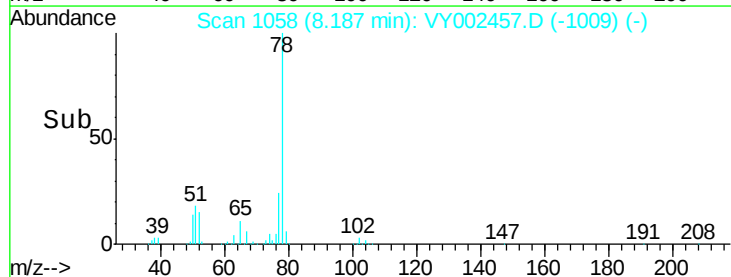
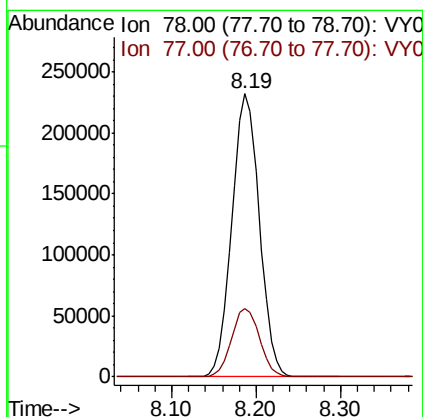
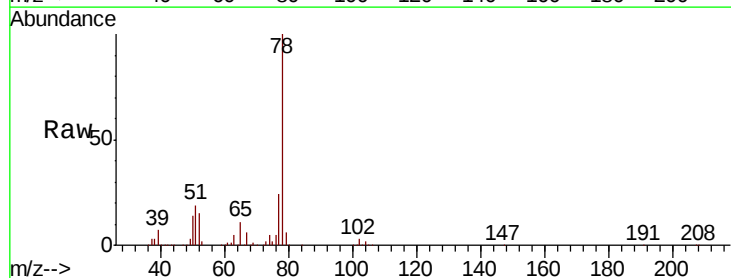
Instrument :
MSVOA_Y
ClientSampleId :

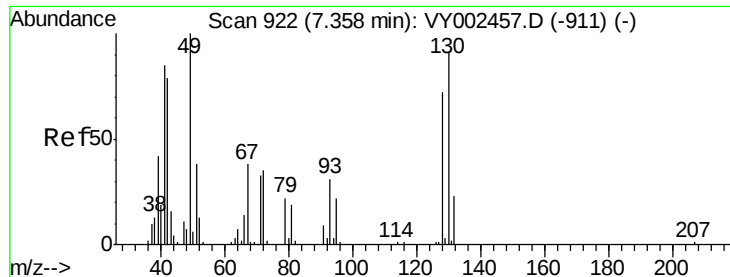
Tot Ion: 83 Resp: 236420
Ion Ratio Lower Upper
83 100
55 67.7 54.2 81.2
98 52.4 41.9 62.9



#40
Benzene
Concen: 49.129 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 78 Resp: 509935
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

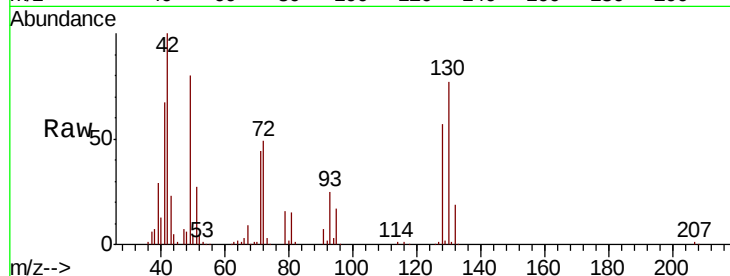




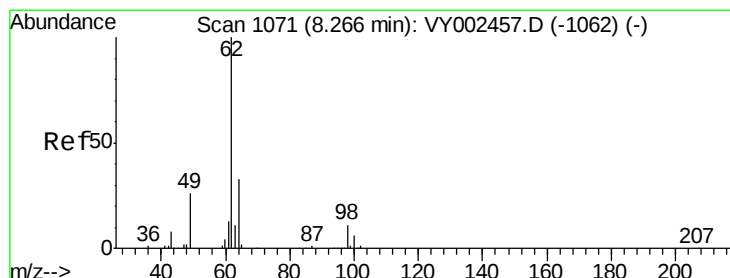
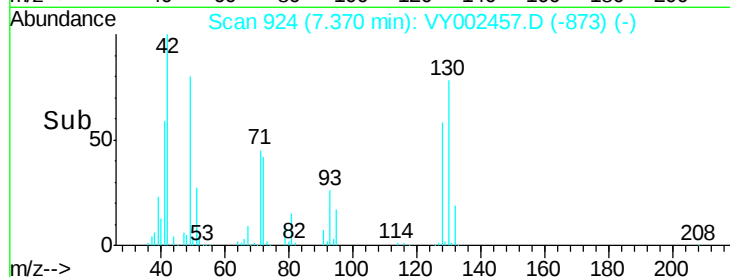
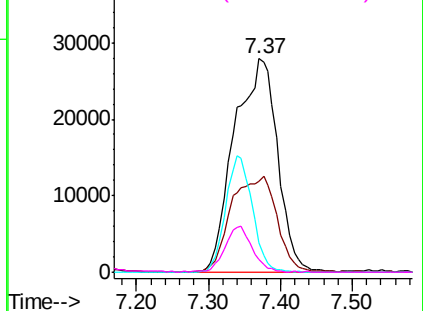
#41
Methacrylonitrile
Concen: 54.598 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 41 Resp: 116599
Ion Ratio Lower Upper
41 100
39 47.6 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

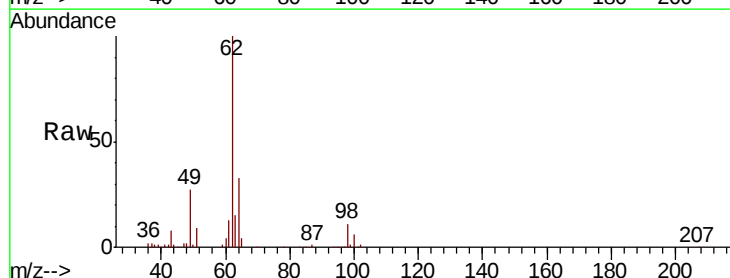


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

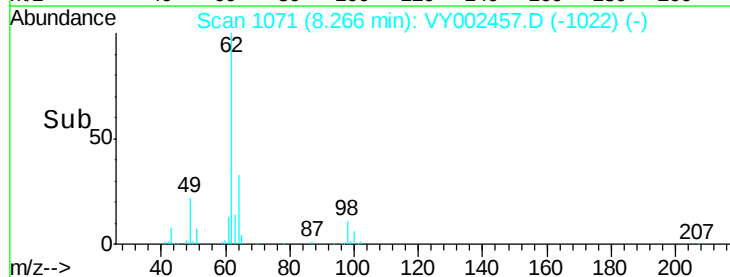
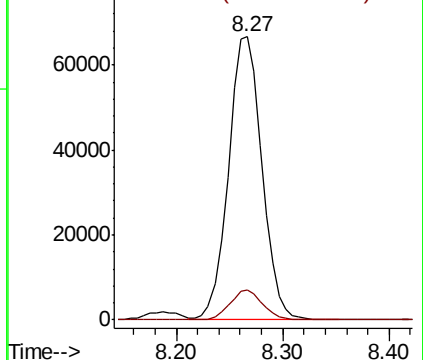


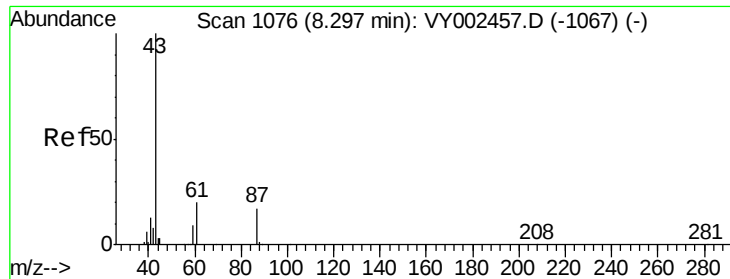
#42
1,2-Dichloroethane
Concen: 48.879 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 62 Resp: 146851
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: 47.506 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

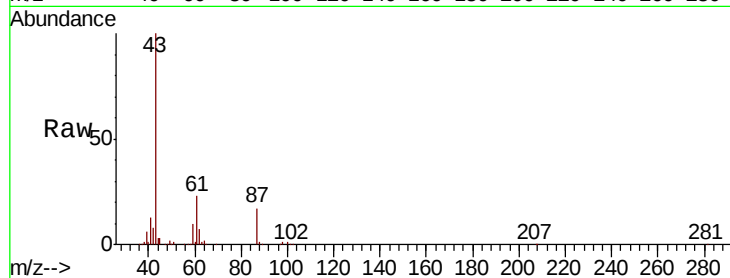
Tot Ion: 43 Resp: 157242

Ion Ratio Lower Upper

43 100

61 31.2 25.0 37.4

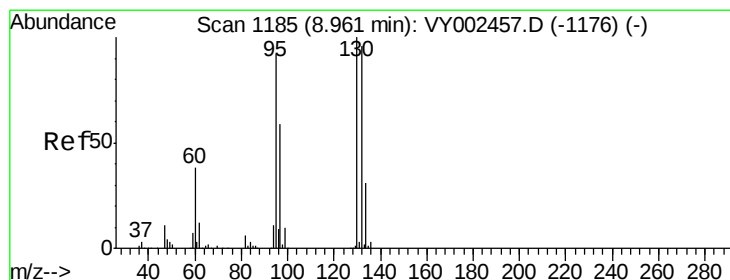
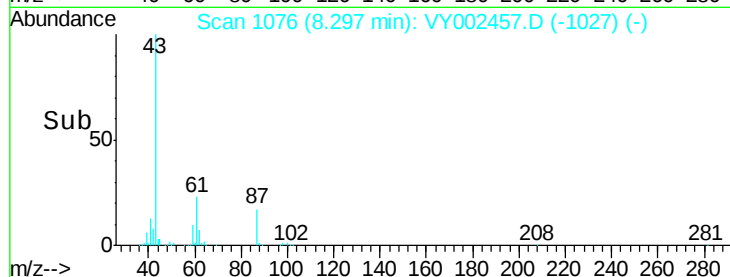
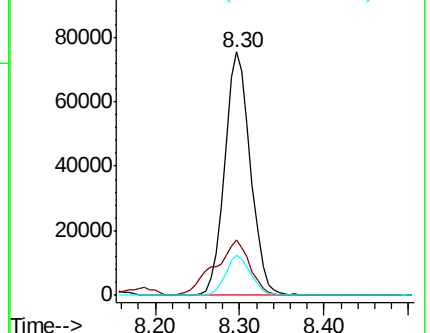
87 16.2 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-1067) (-)

Ion 61.00 (60.70 to 61.70): VY002457.D (-1067) (-)

Ion 87.00 (86.70 to 87.70): VY002457.D (-1067) (-)



#44

Trichloroethene

Concen: 49.324 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY002457.D

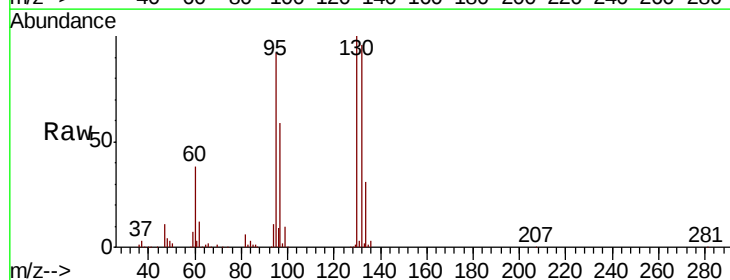
Acq: 23 Apr 2020 12:25

Tgt Ion:130 Resp: 160481

Ion Ratio Lower Upper

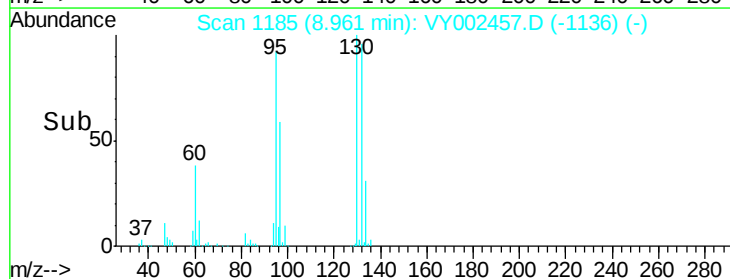
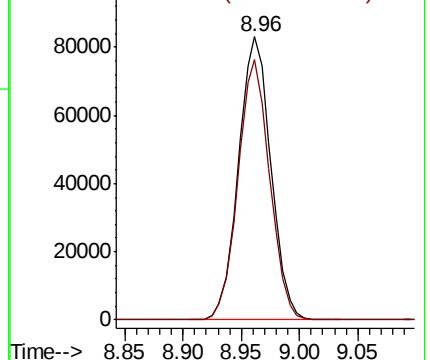
130 100

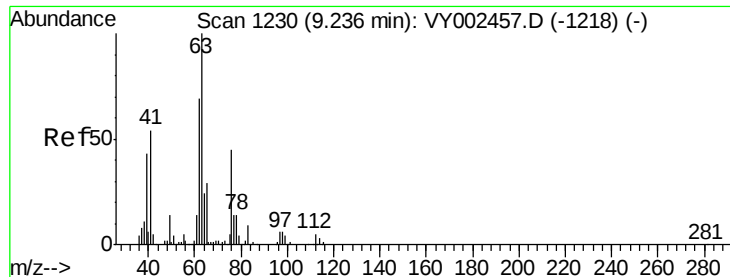
95 92.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VY002457.D (-1176) (-)

Ion 94.90 (94.60 to 95.60): VY002457.D (-1176) (-)





#45

1,2-Dichloropropane

Concen: 48.977 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

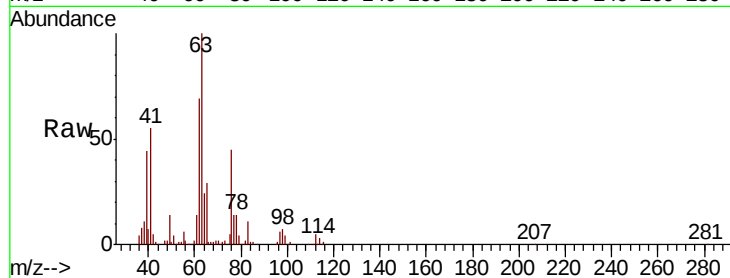
ClientSampleId :

Tot Ion: 63 Resp: 117311

Ion Ratio Lower Upper

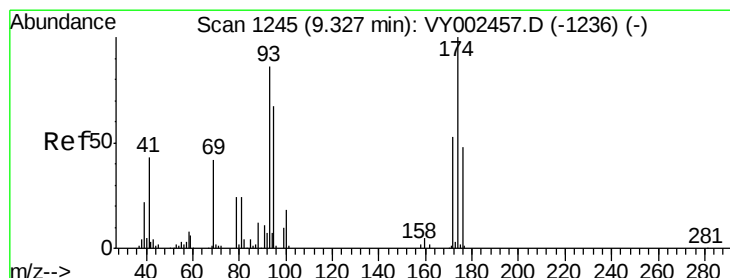
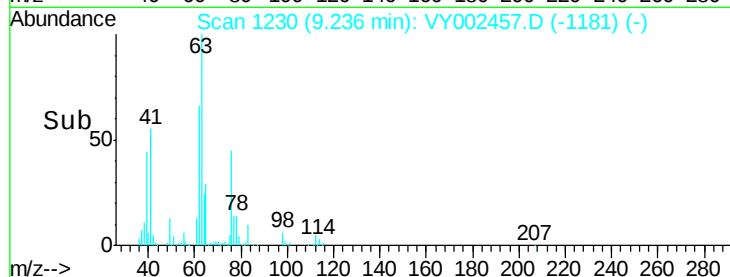
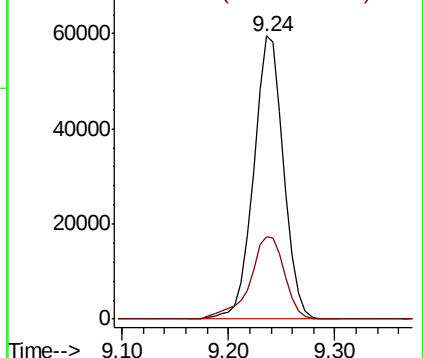
63 100

65 29.2 23.4 35.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.508 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

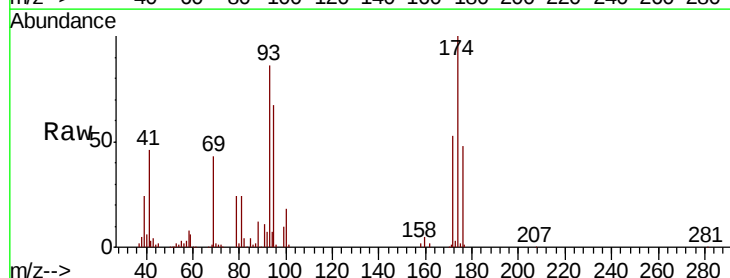
Tgt Ion: 93 Resp: 68812

Ion Ratio Lower Upper

93 100

95 81.7 65.4 98.0

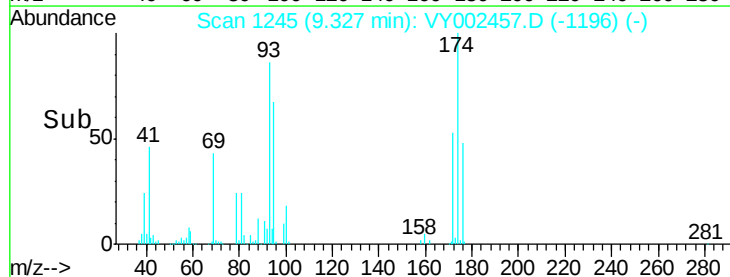
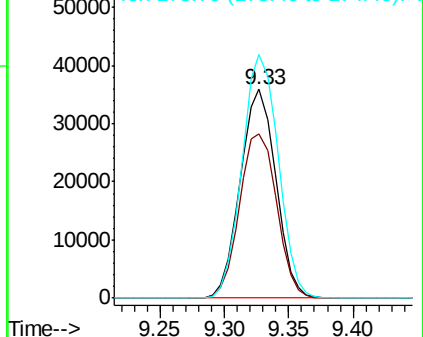
174 118.5 94.8 142.2

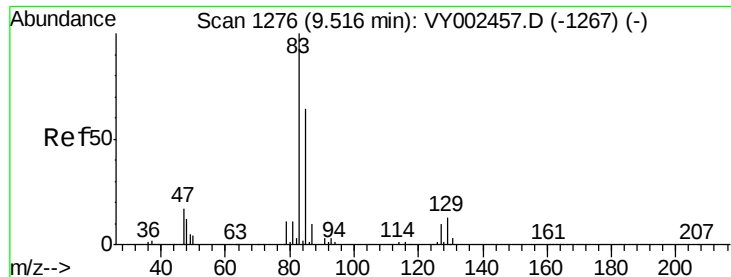


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): VY0





#47

Bromodichloromethane

Concen: 49.960 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

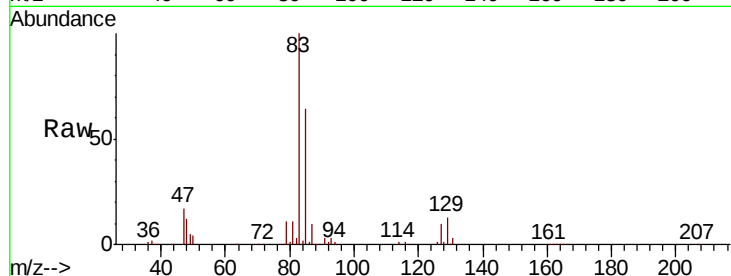
Tot Ion: 83 Resp: 174053

Ion Ratio Lower Upper

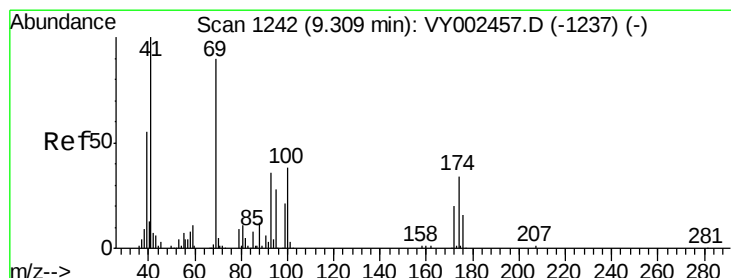
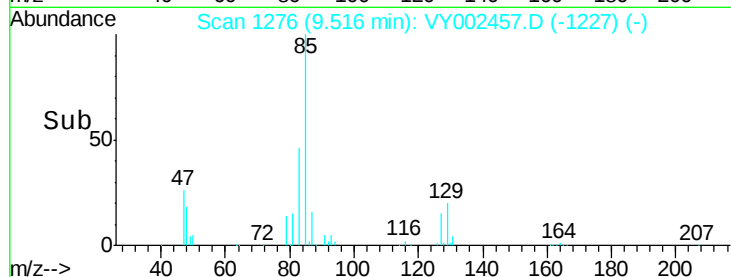
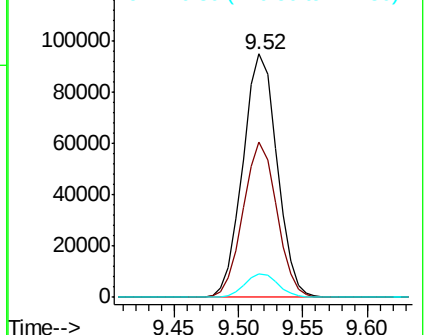
83 100

85 64.0 51.2 76.8

127 9.6 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: 48.459 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

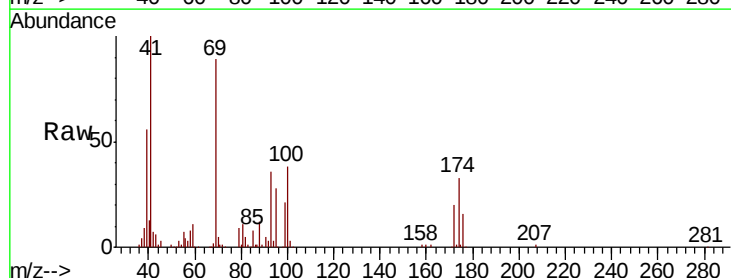
Tgt Ion: 41 Resp: 73079

Ion Ratio Lower Upper

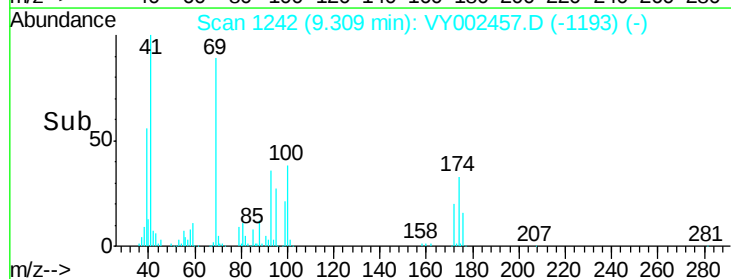
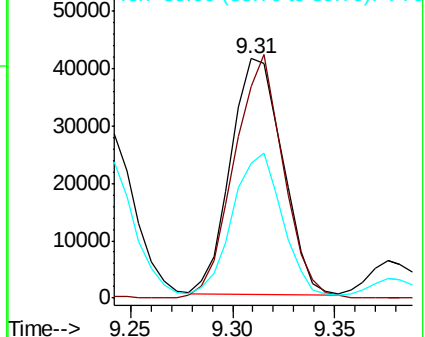
41 100

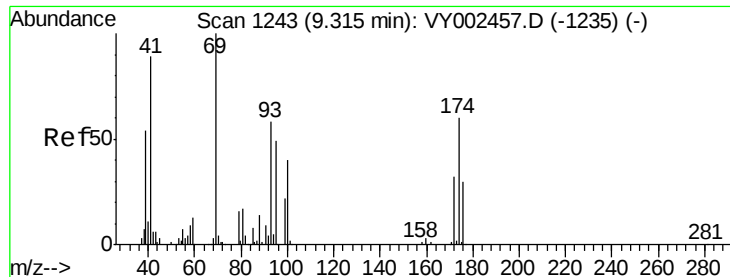
69 97.4 77.9 116.9

39 59.9 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: 1025.628 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :

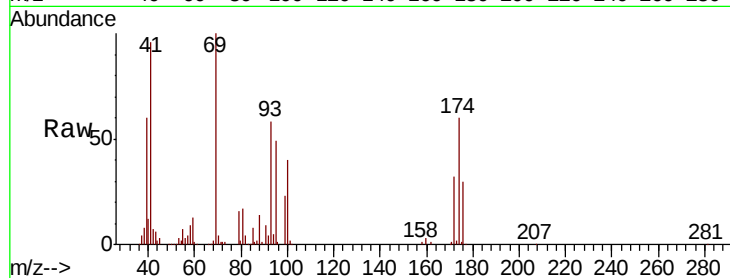
Tot Ion: 88 Resp: 17934

Ion Ratio Lower Upper

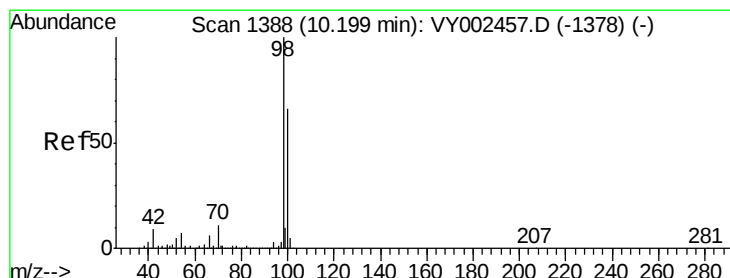
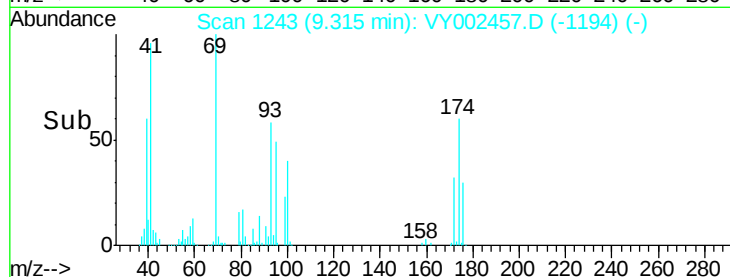
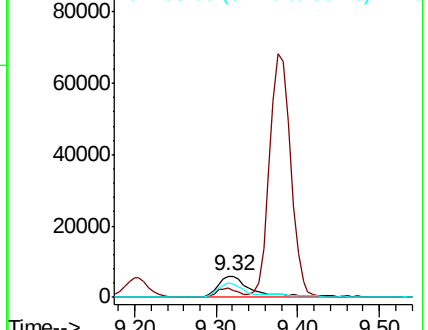
88 100

43 28.6 22.9 34.3

58 61.9 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: 46.003 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VY002457.D

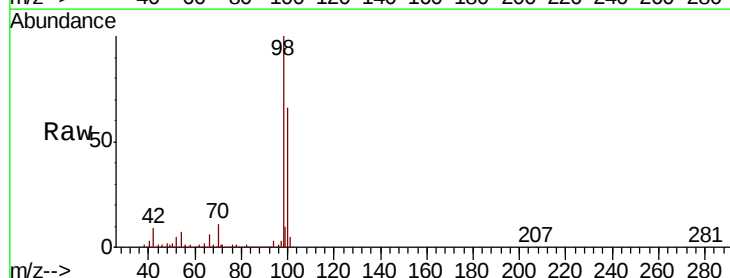
Acq: 23 Apr 2020 12:25

Tgt Ion: 98 Resp: 439715

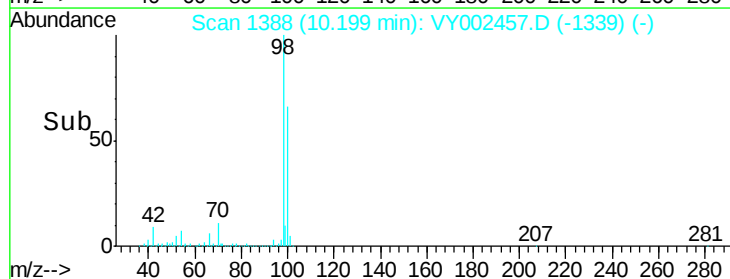
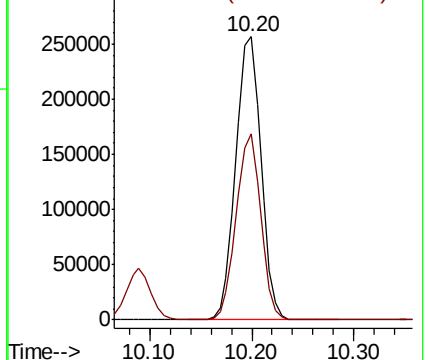
Ion Ratio Lower Upper

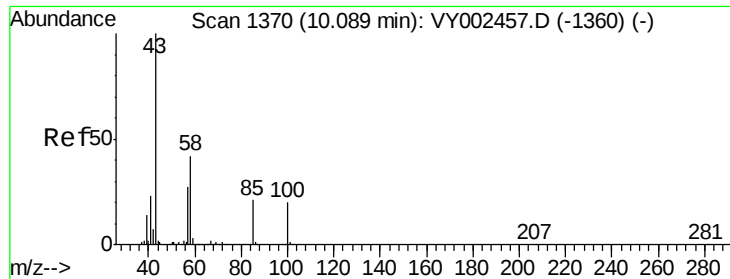
98 100

100 63.9 51.1 76.7



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

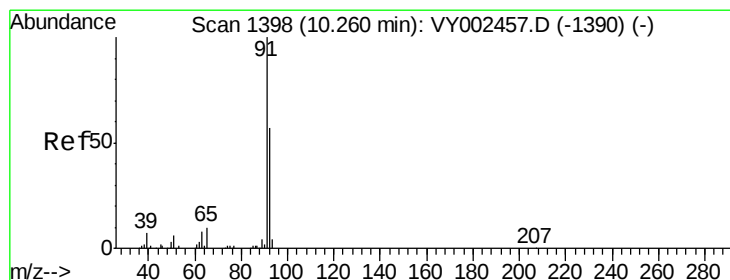
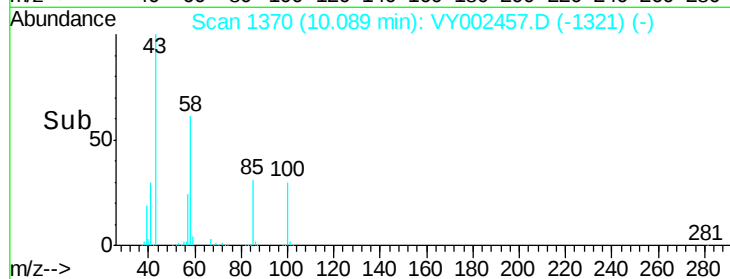
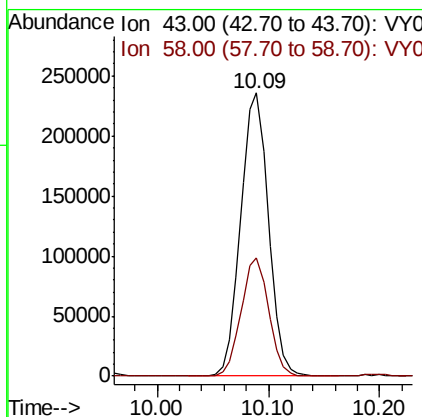
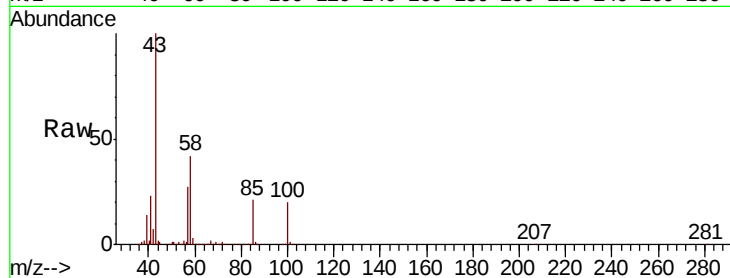




#51
4-Methyl-2-Pentanone
Concen: 238.024 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

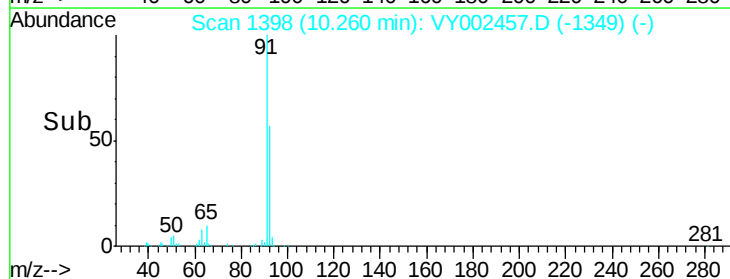
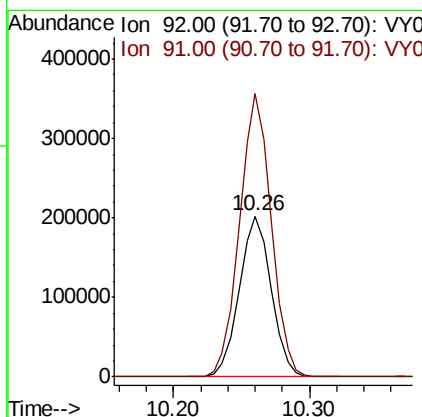
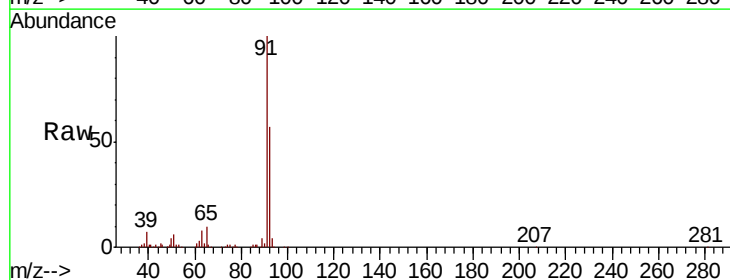
Instrument :
MSVOA_Y
ClientSampled :

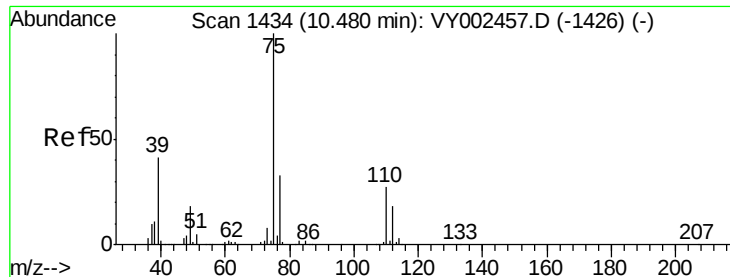
Tot Ion: 43 Resp: 408287
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8



#52
Toluene
Concen: 49.667 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 92 Resp: 330542
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.2

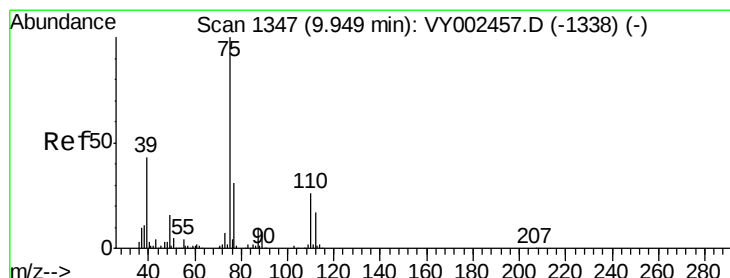
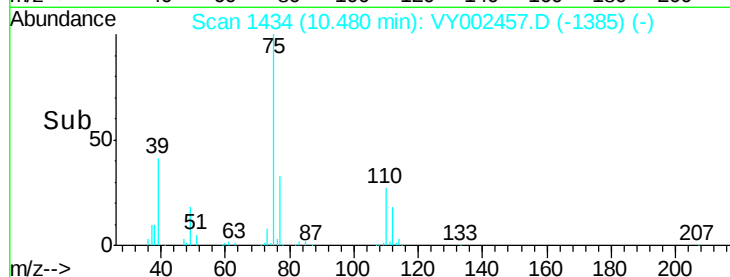
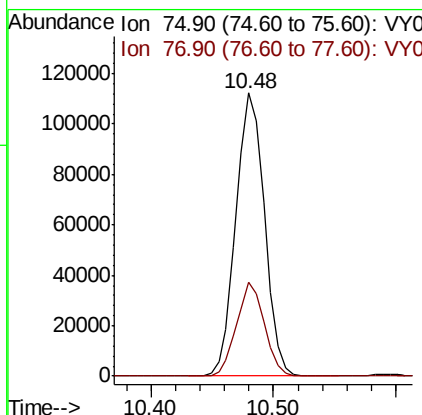
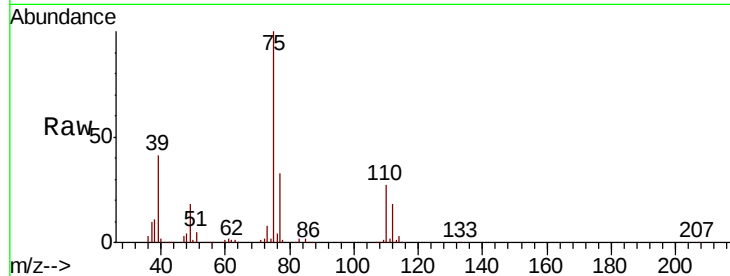




#53
 t-1,3-Dichloropropene
 Concen: 50.266 ug/l
 RT: 10.48 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

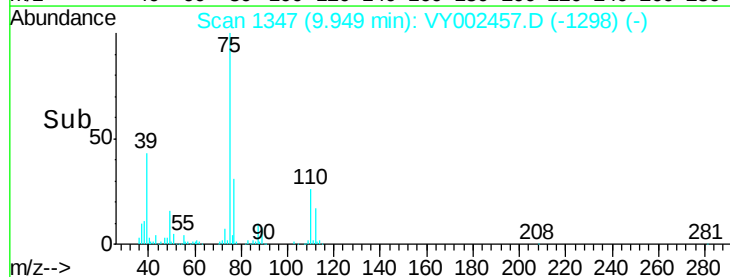
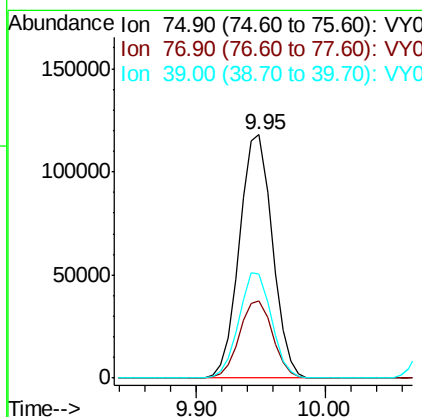
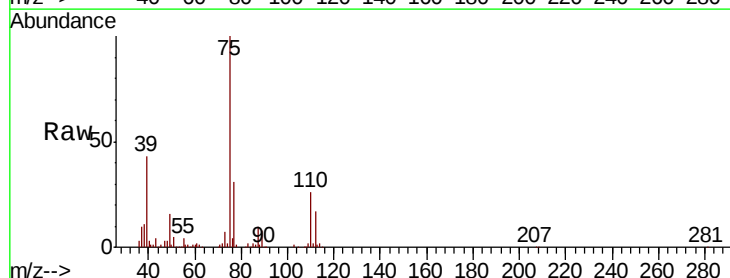
Instrument :
 MSVOA_Y
 ClientSampleId :

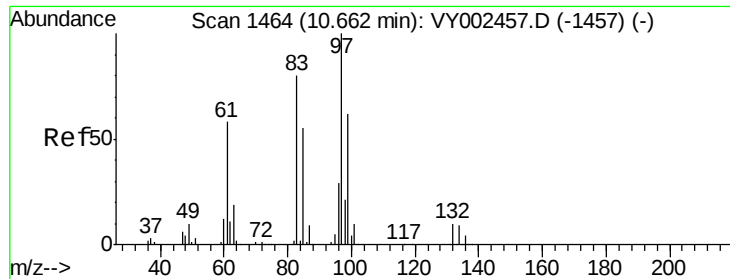
Tot Ion: 75 Resp: 182131
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.973 ug/l
 RT: 9.95 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion: 75 Resp: 208895
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 42.7 34.2 51.2





#55

1,1,2-Trichloroethane

Concen: 47.629 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 98039

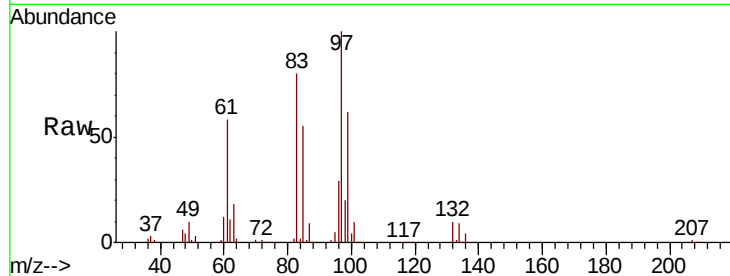
Ion Ratio Lower Upper

97 100

83 79.8 63.8 95.8

85 54.9 43.9 65.9

99 62.2 49.8 74.6

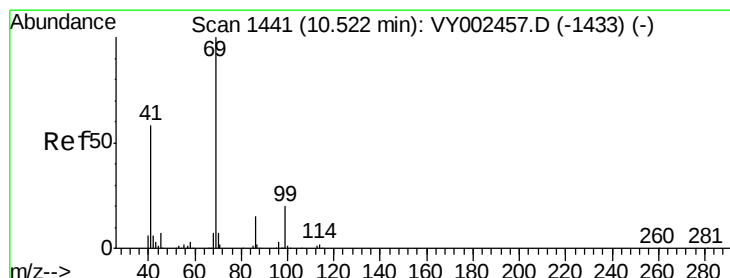
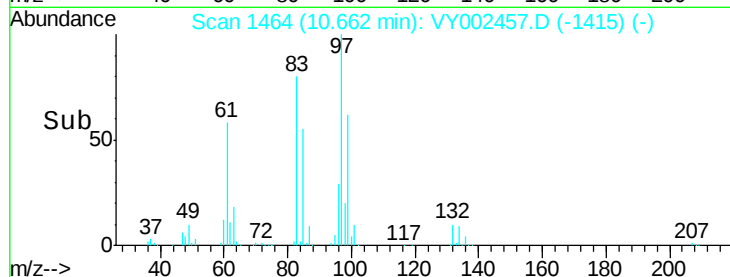
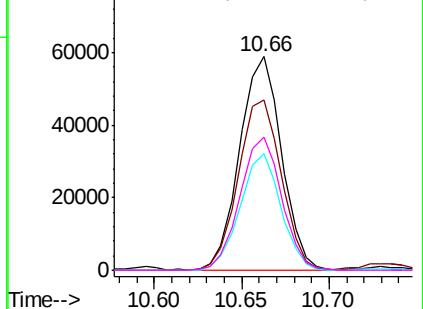


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 48.661 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

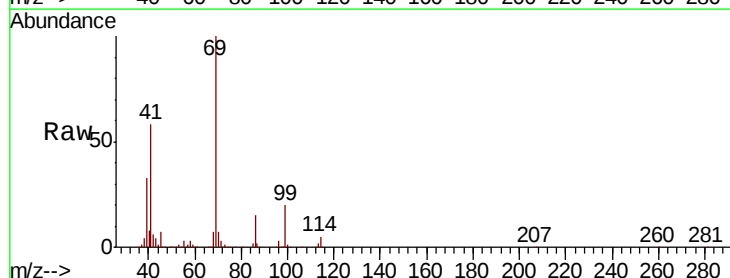
Tgt Ion: 69 Resp: 135431

Ion Ratio Lower Upper

69 100

41 59.4 47.5 71.3

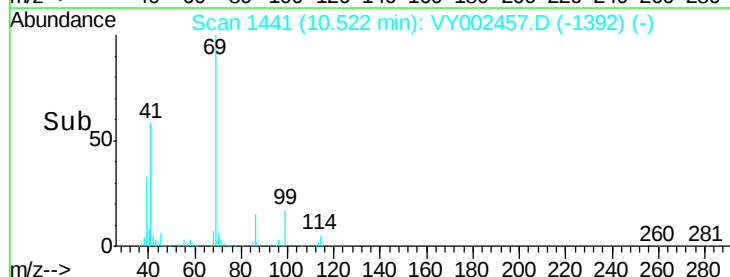
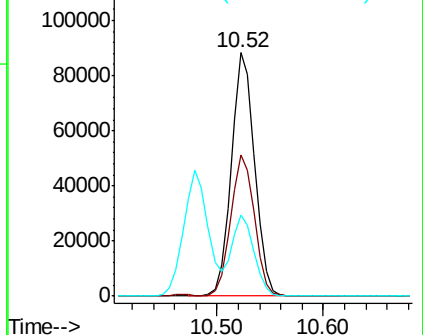
39 32.1 25.7 38.5

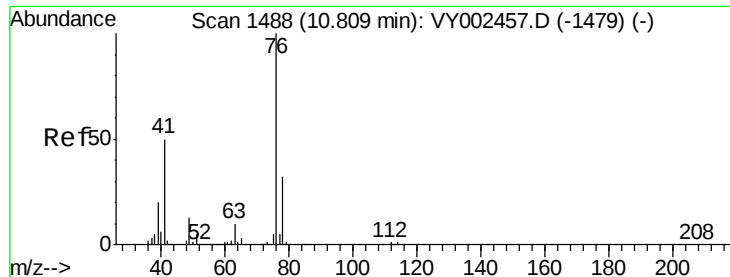


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 47.770 ug/l

RT: 10.81 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

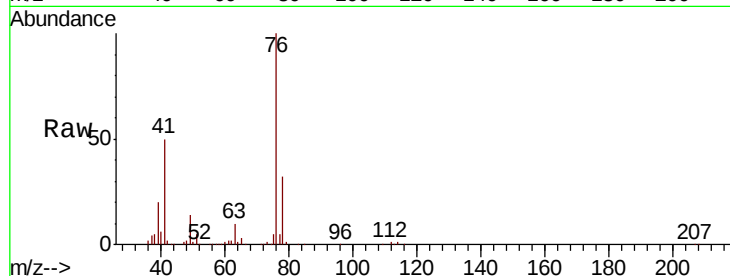
ClientSampled :

Tot Ion: 76 Resp: 165894

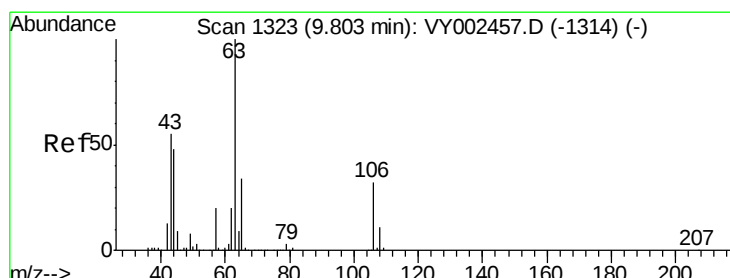
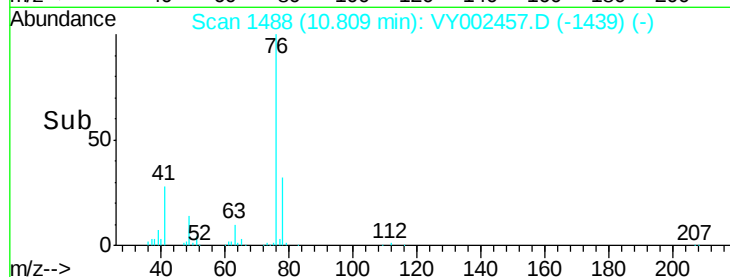
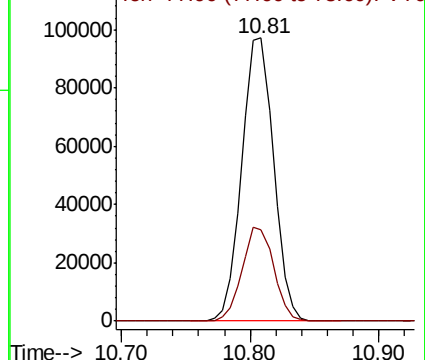
Ion Ratio Lower Upper

76 100

78 32.8 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: 234.978 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VY002457.D

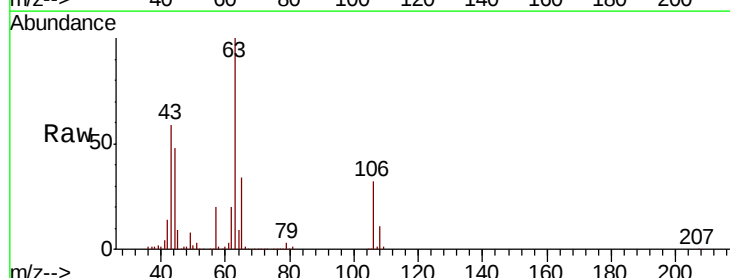
Acq: 23 Apr 2020 12:25

Tgt Ion: 63 Resp: 319430

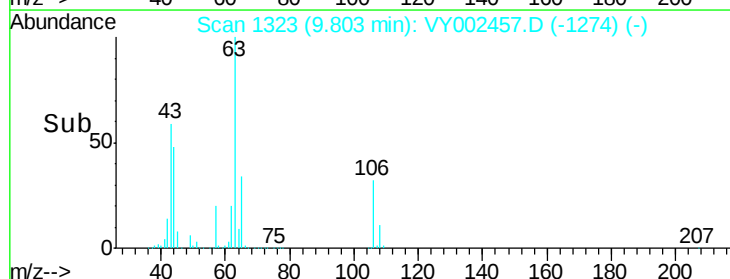
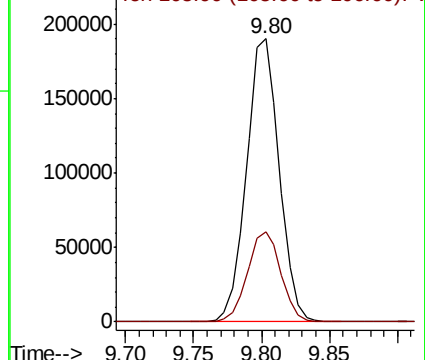
Ion Ratio Lower Upper

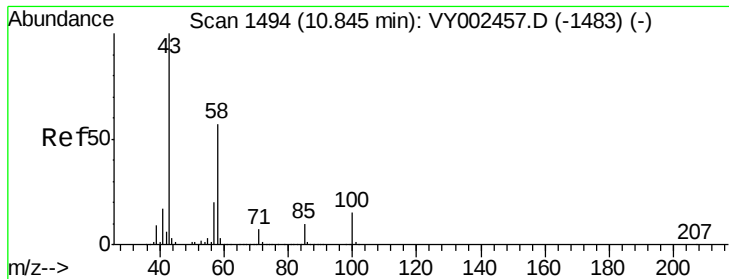
63 100

106 32.5 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 105.90 (105.60 to 106.60): V

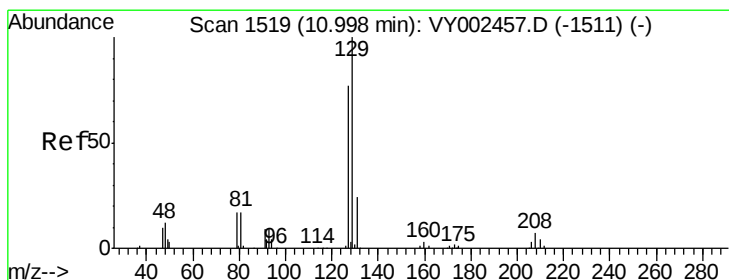
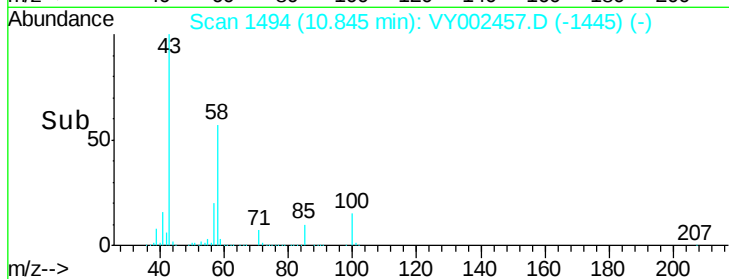
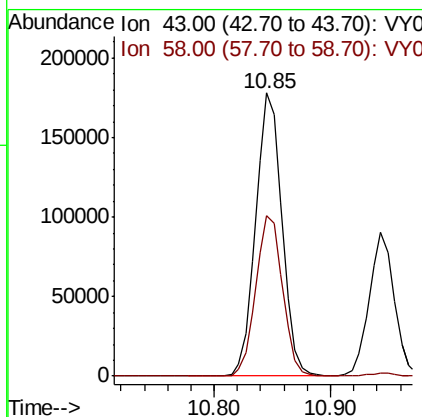
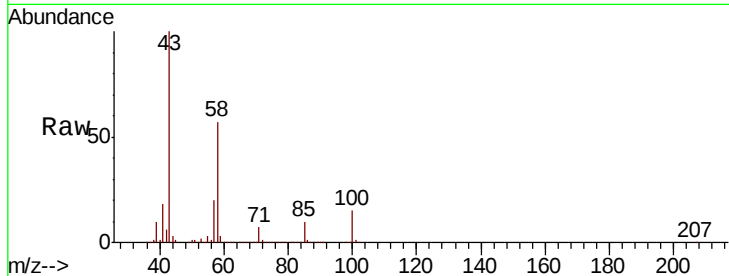




#59
2-Hexanone
Concen: 237.425 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

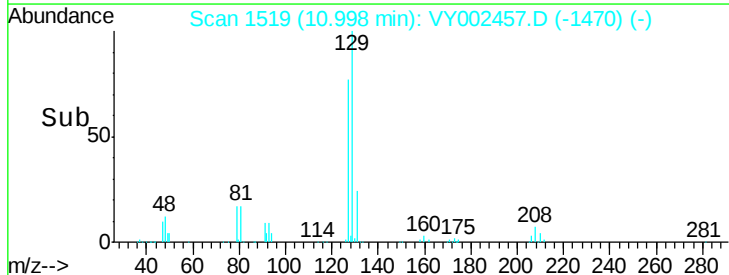
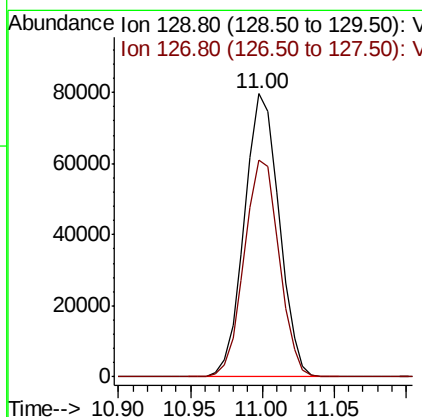
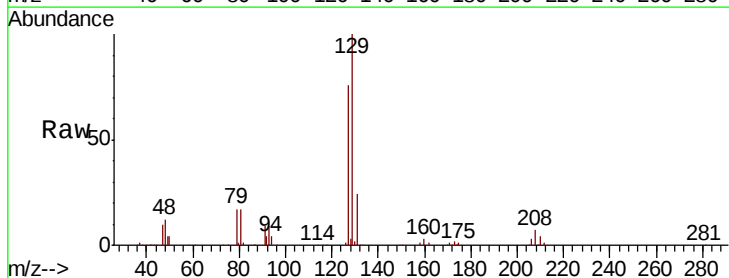
Instrument :
MSVOA_Y
ClientSampleId :

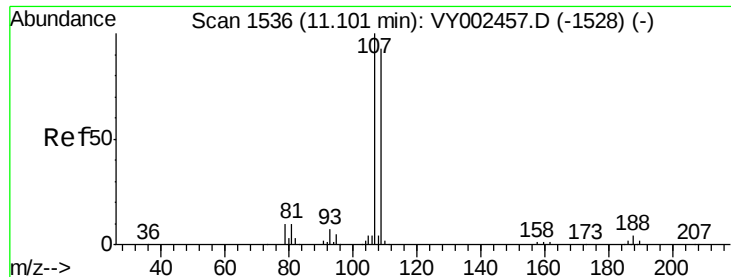
Tot Ion: 43 Resp: 281774
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4



#60
Dibromochloromethane
Concen: 49.665 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 129 Resp: 133218
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 47.924 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

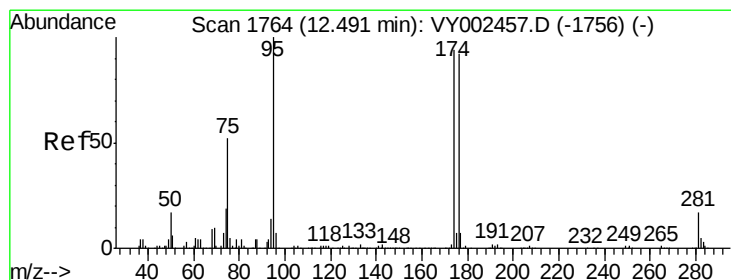
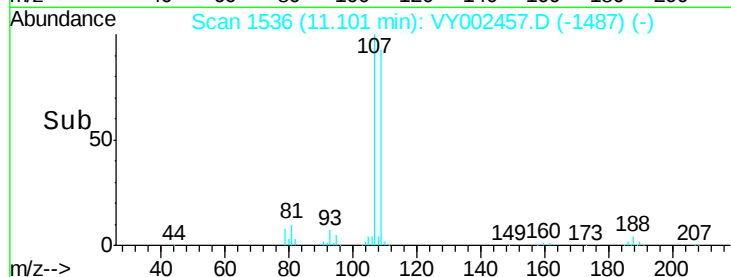
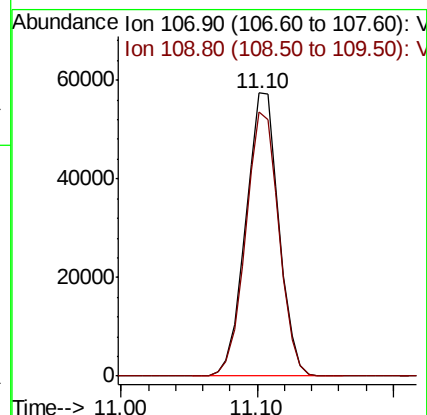
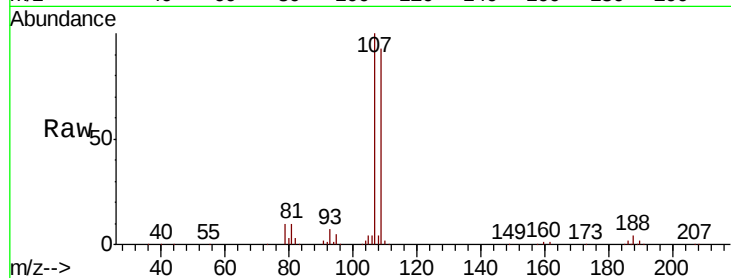
ClientSampleId :

Tot Ion:107 Resp: 97603

Ion Ratio Lower Upper

107 100

109 93.6 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 45.305 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

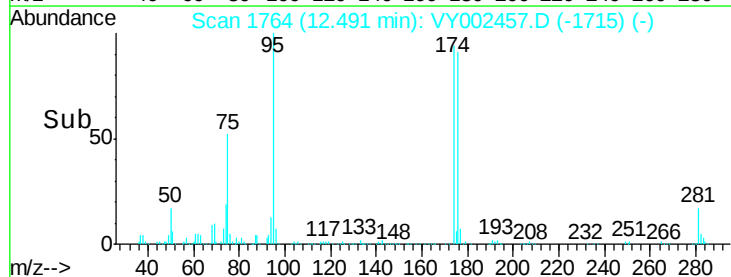
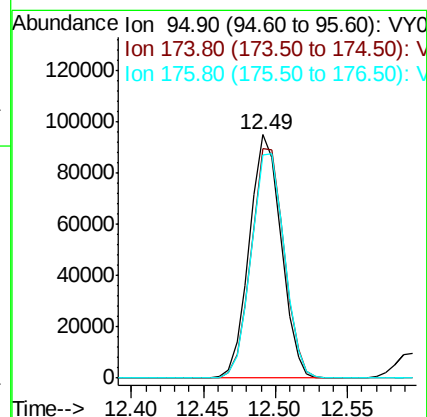
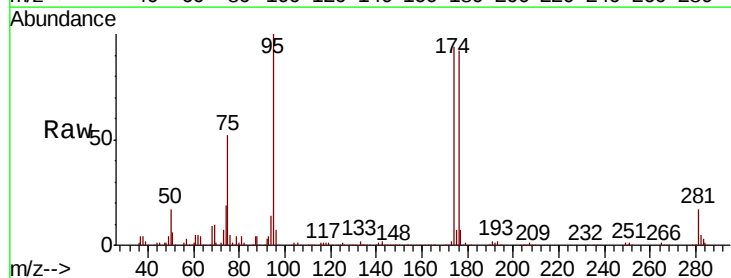
Tgt Ion: 95 Resp: 145078

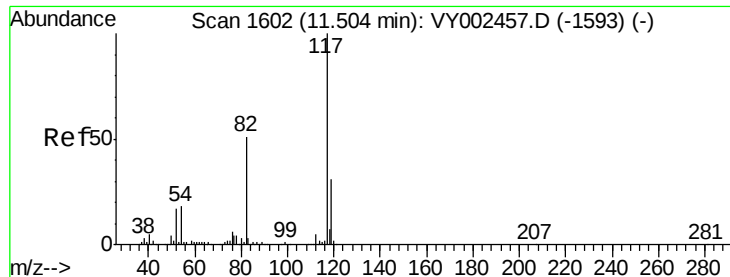
Ion Ratio Lower Upper

95 100

174 96.5 0.0 193.0

176 95.2 0.0 190.4

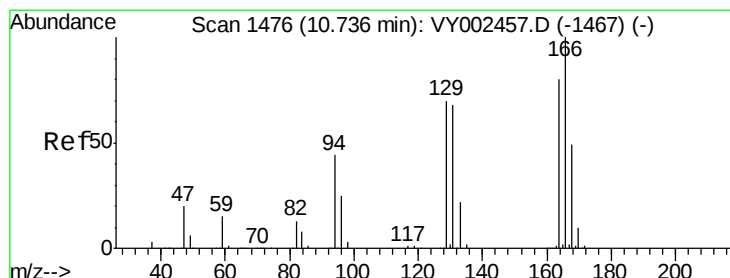
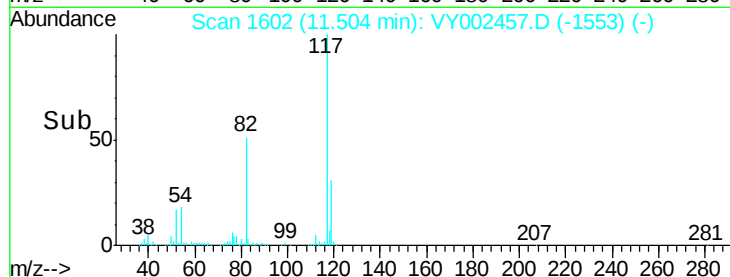
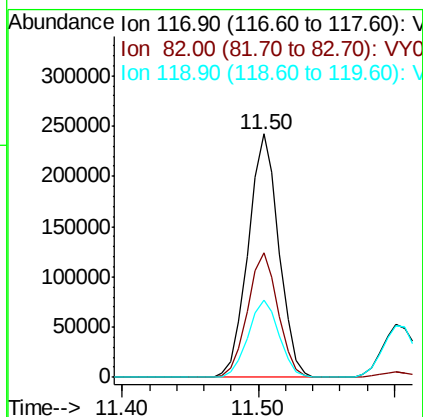
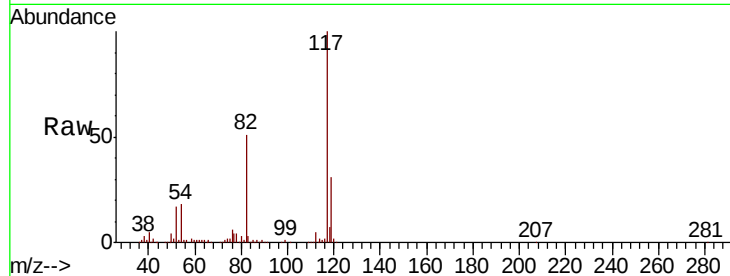




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

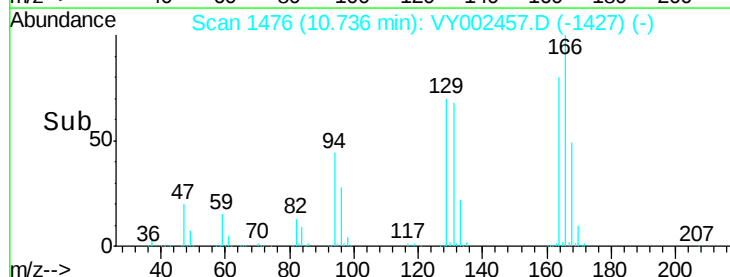
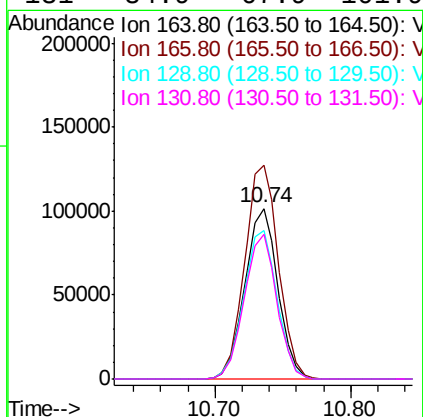
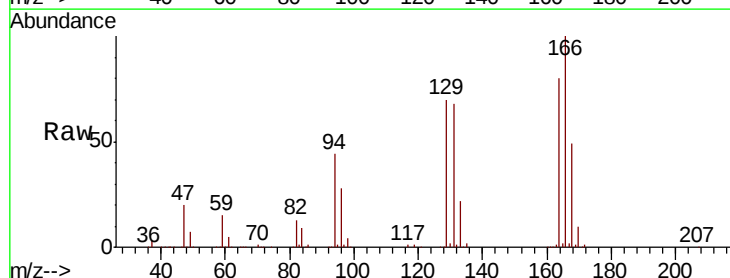
Instrument :
MSVOA_Y
ClientSampleId :

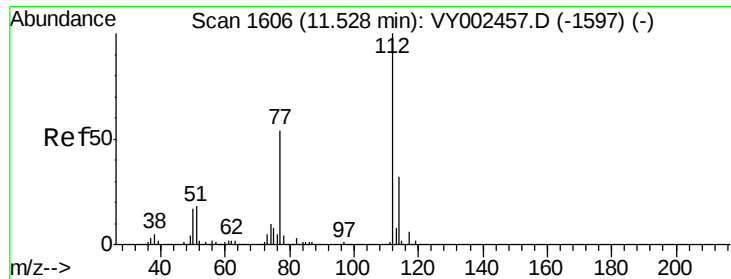
Tot Ion:117 Resp: 381583
Ion Ratio Lower Upper
117 100
82 51.0 40.8 61.2
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 49.033 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion:164 Resp: 172055
Ion Ratio Lower Upper
164 100
166 125.0 100.0 150.0
129 87.3 69.8 104.8
131 84.9 67.9 101.9

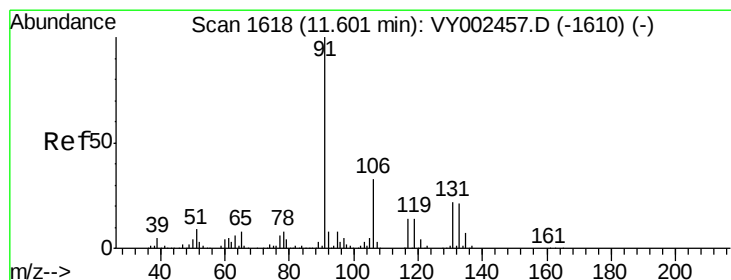
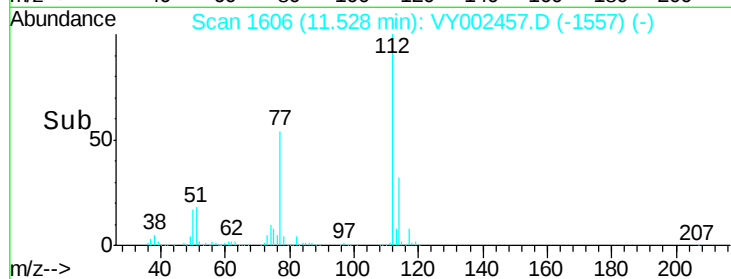
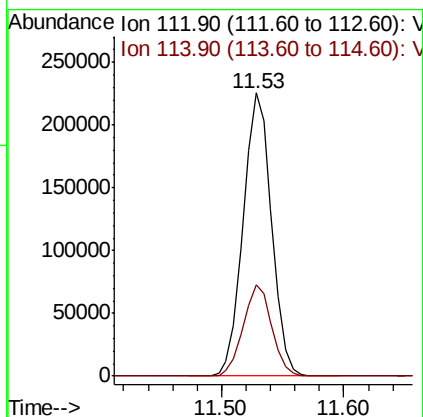
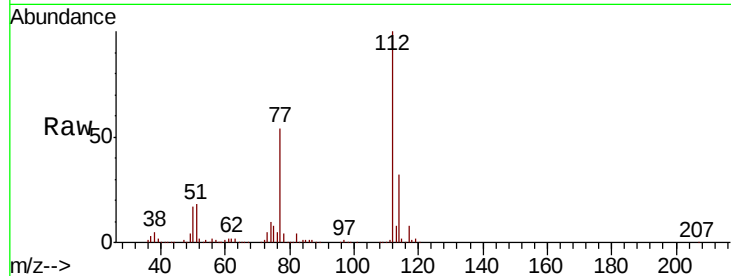




#65
Chlorobenzene
Concen: 49.216 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

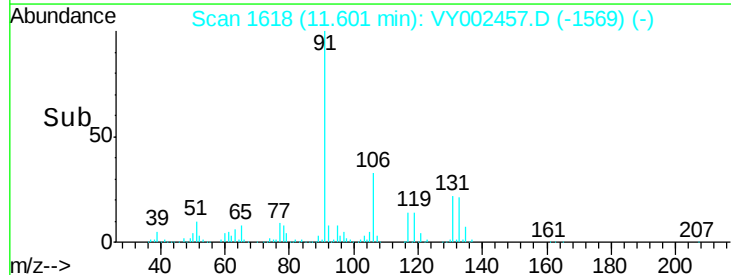
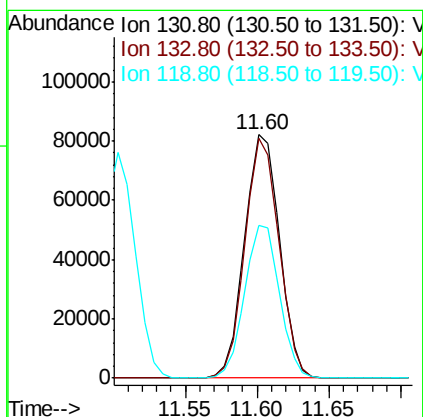
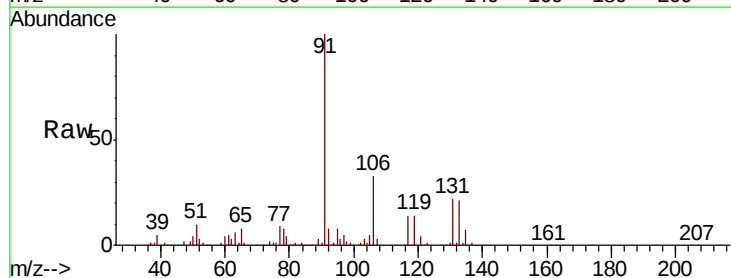
Instrument :
MSVOA_Y
ClientSampled :

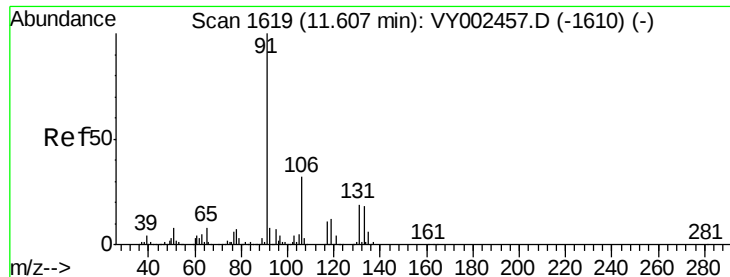
Tot Ion:112 Resp: 361835
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.324 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion:131 Resp: 138035
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 62.2 31.1 93.3

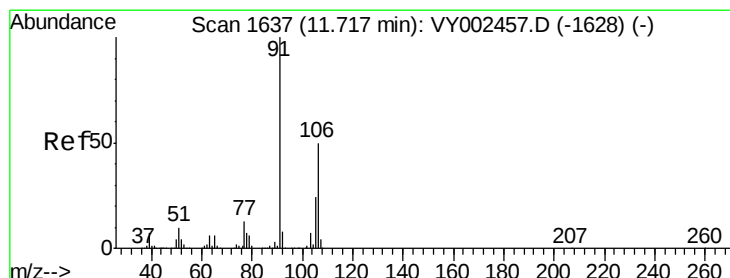
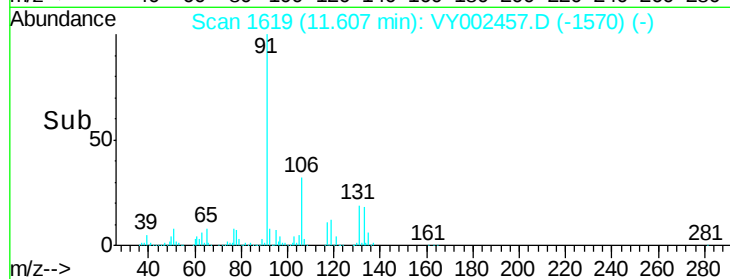
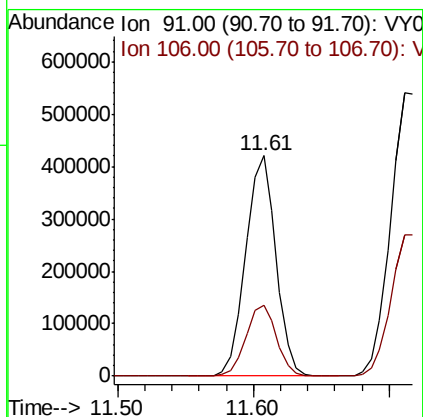
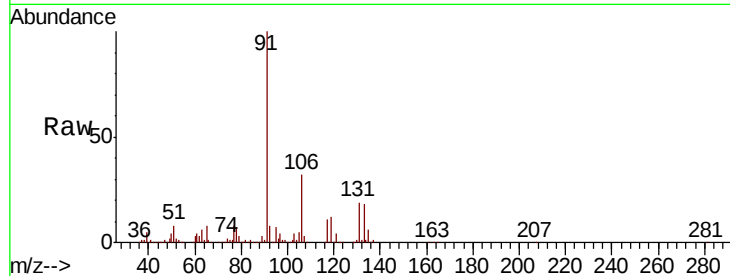




#67
Ethyl Benzene
Concen: 50.120 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

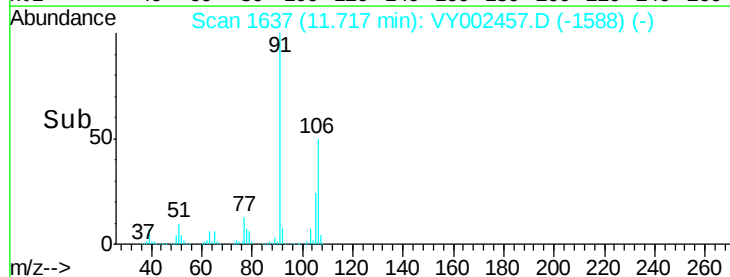
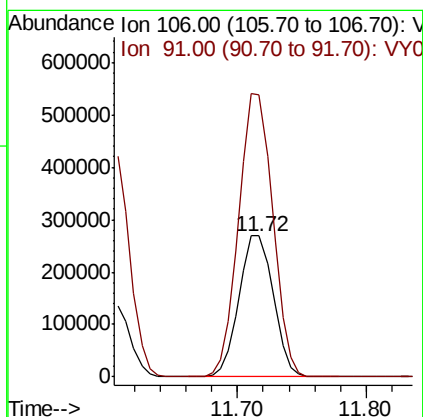
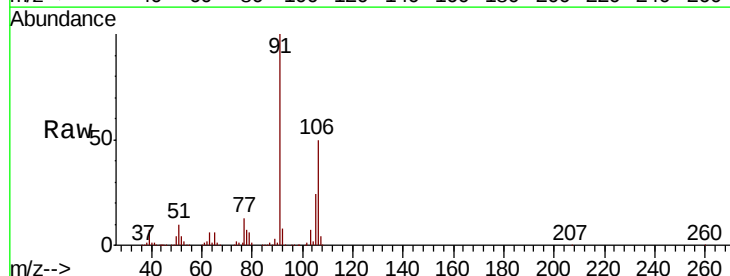
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 653767
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6



#68
m/p-Xylenes
Concen: 99.111 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 106 Resp: 498001
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.6

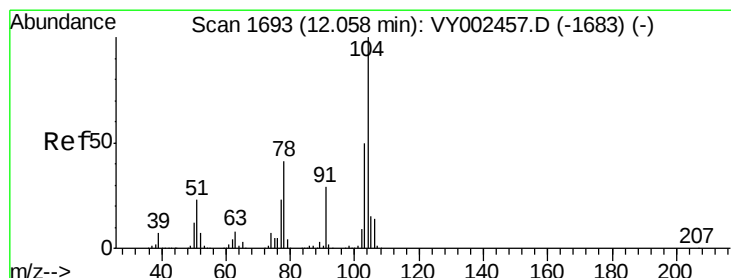
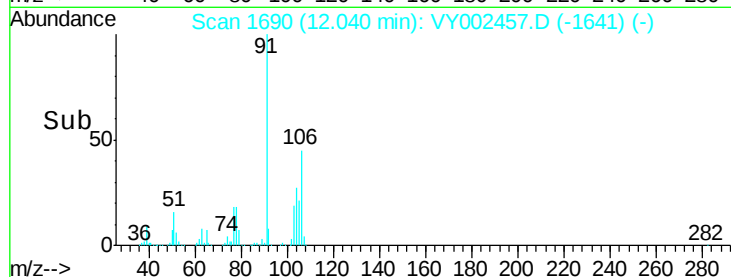
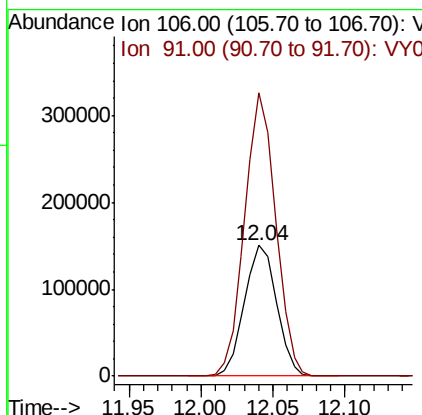
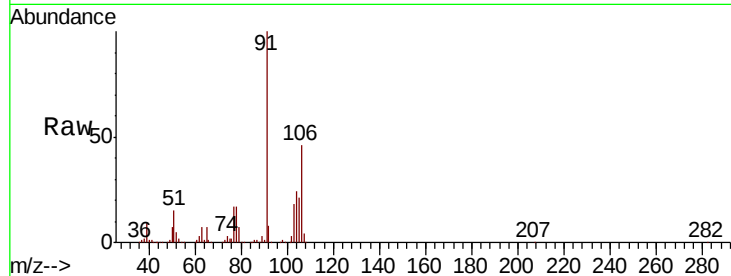




#69
o-Xylene
Concen: 49.614 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

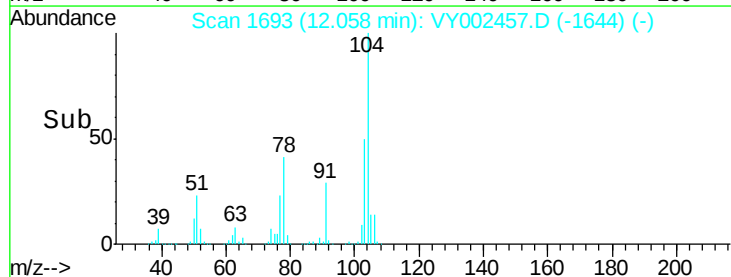
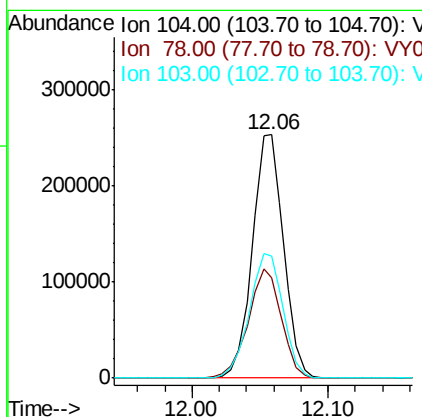
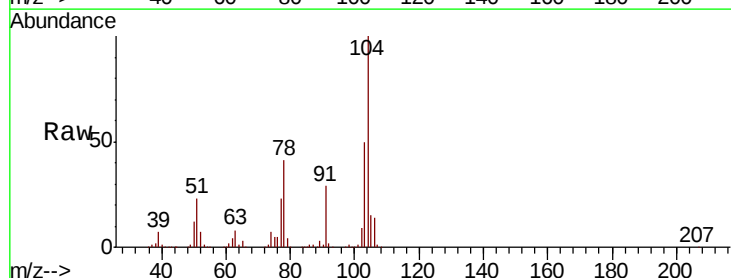
Instrument :
MSVOA_Y
ClientSampleId :

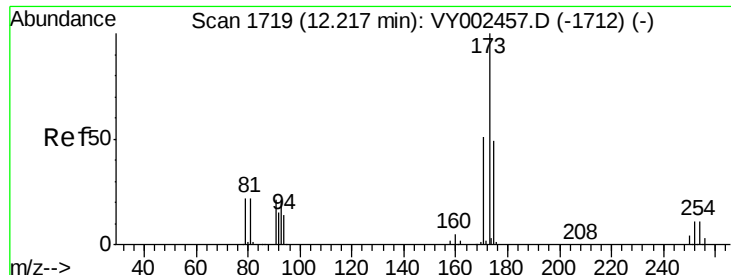
Tot Ion:106 Resp: 233490
Ion Ratio Lower Upper
106 100
91 208.9 104.5 313.3



#70
Styrene
Concen: 49.897 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion:104 Resp: 407464
Ion Ratio Lower Upper
104 100
78 47.5 38.0 57.0
103 55.5 44.4 66.6





#71

Bromoform

Concen: 48.948 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

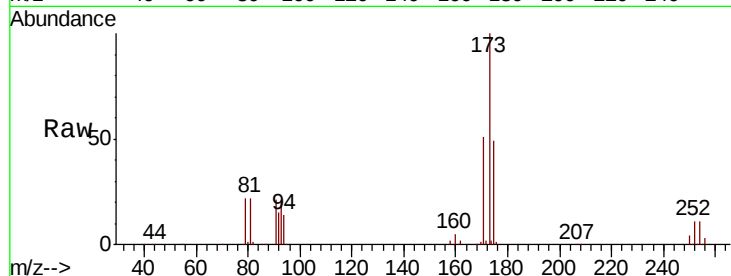
Tot Ion:173 Resp: 84053

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

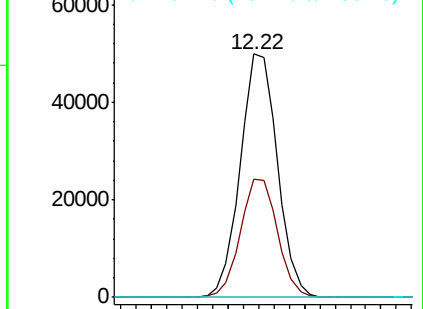
254 0.1 0.1 0.1



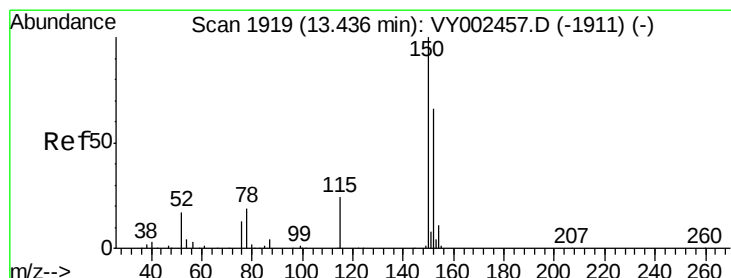
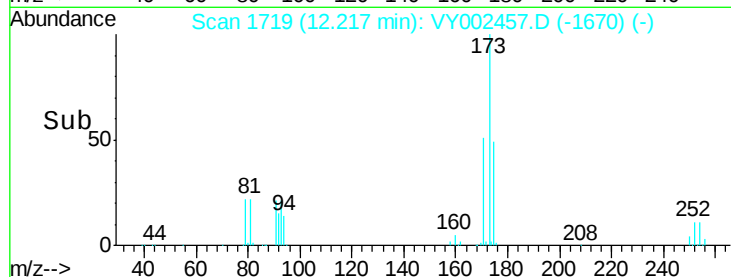
Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

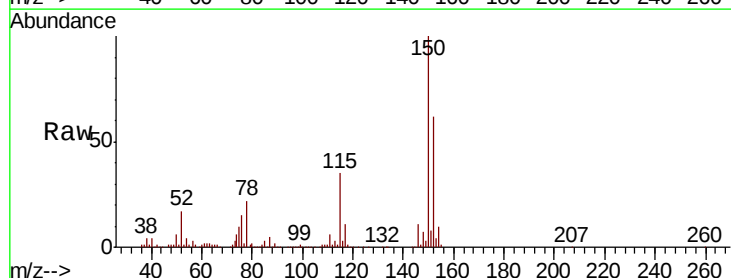
Tgt Ion:152 Resp: 198701

Ion Ratio Lower Upper

152 100

115 54.5 27.3 81.8

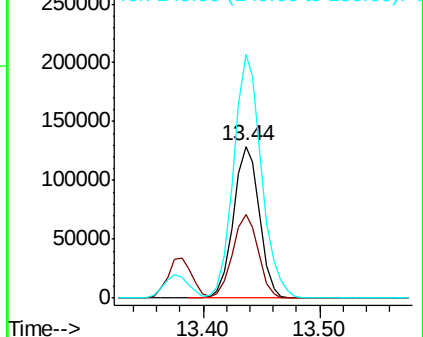
150 173.4 0.0 346.8



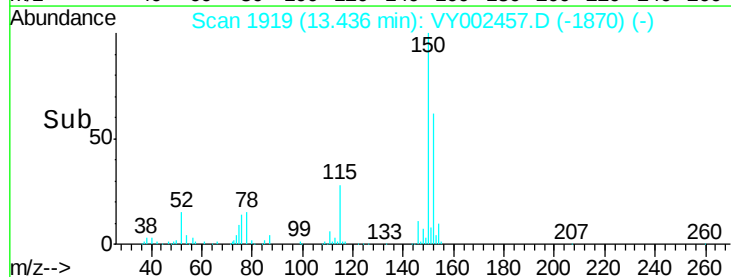
Abundance Ion 151.90 (151.60 to 152.60): V

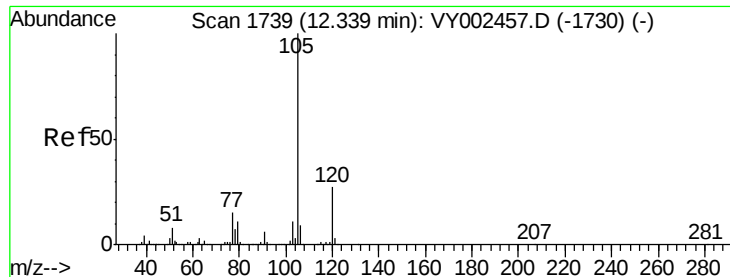
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->





#73

Isopropylbenzene

Concen: 50.546 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

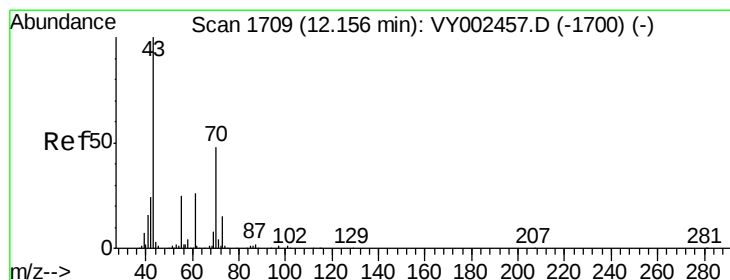
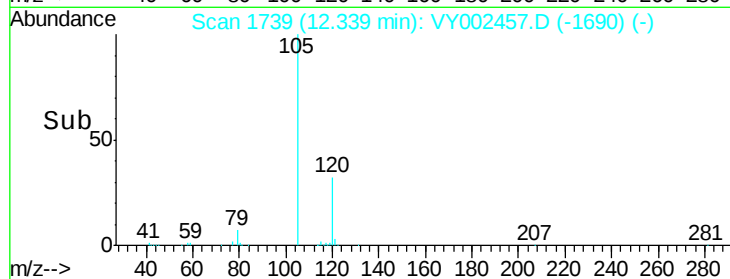
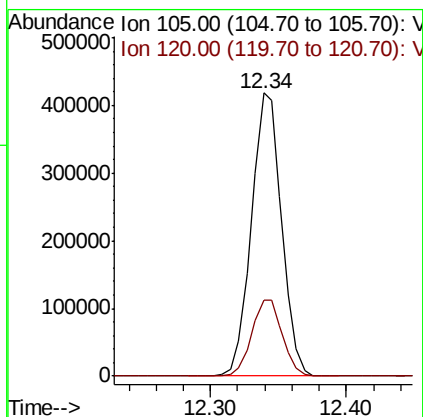
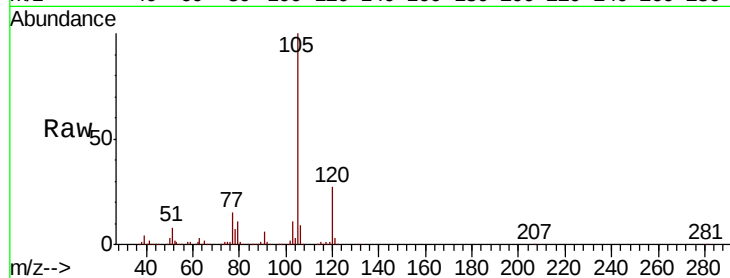
ClientSampleId :

Tot Ion:105 Resp: 651004

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 48.922 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion: 43 Resp: 146920

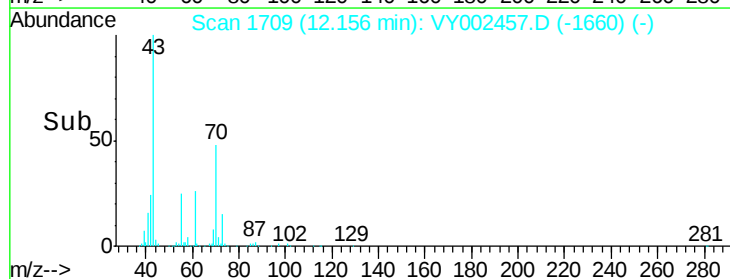
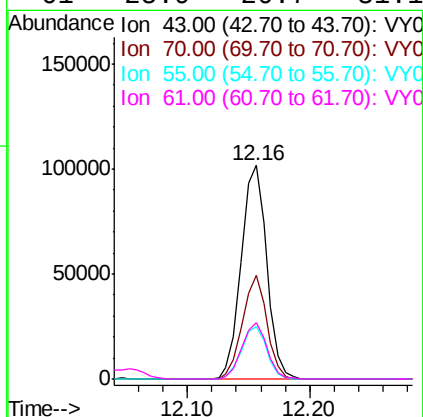
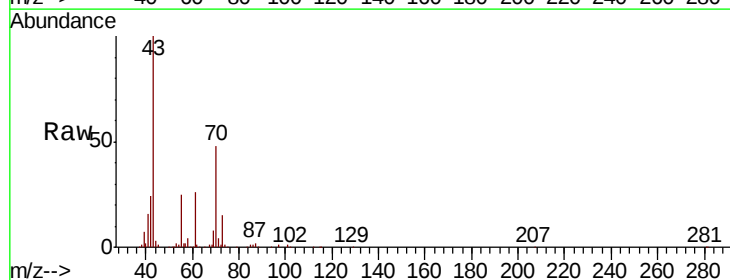
Ion Ratio Lower Upper

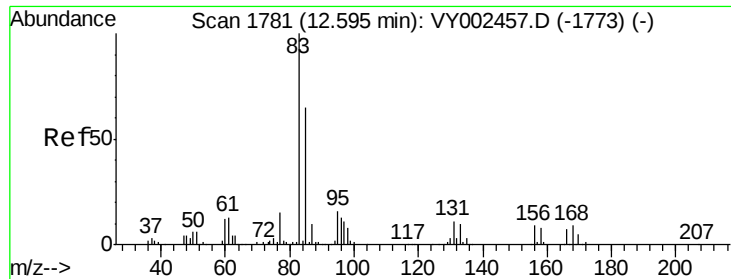
43 100

70 46.5 37.2 55.8

55 24.5 19.6 29.4

61 25.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.667 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

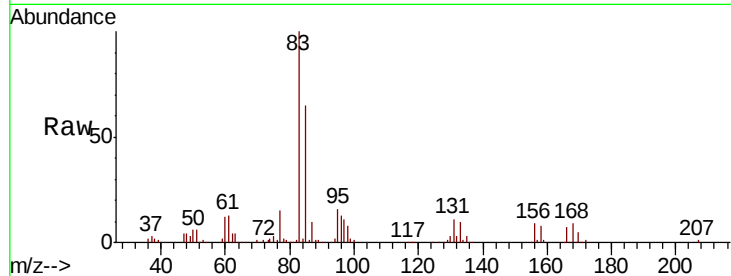
Tot Ion: 83 Resp: 91591

Ion Ratio Lower Upper

83 100

131 12.4 6.2 18.6

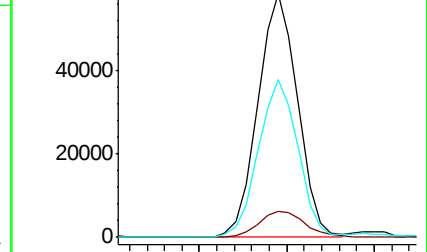
85 65.0 32.5 97.5



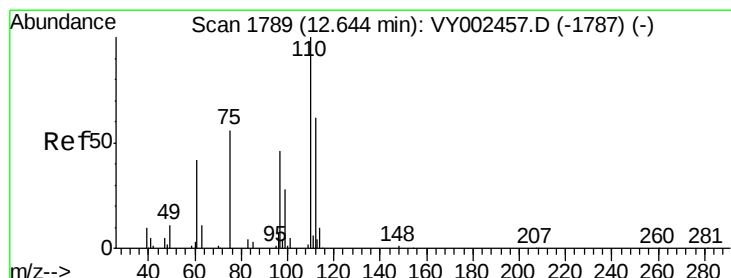
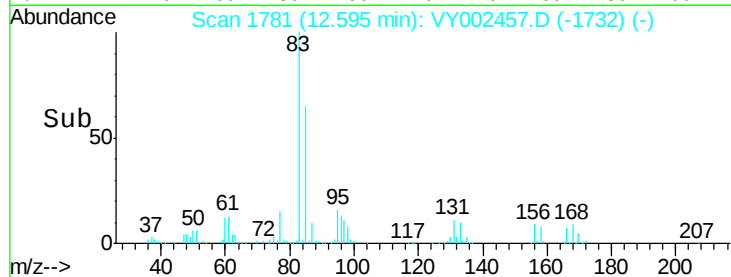
Abundance Ion 82.90 (82.60 to 83.60): VY002457.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY002457.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY002457.D (-1773) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 54.766 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002457.D

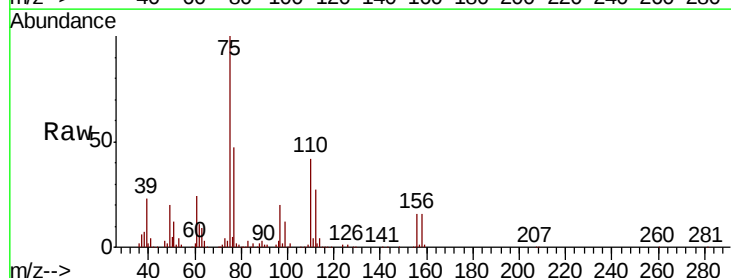
Acq: 23 Apr 2020 12:25

Tgt Ion: 75 Resp: 150253

Ion Ratio Lower Upper

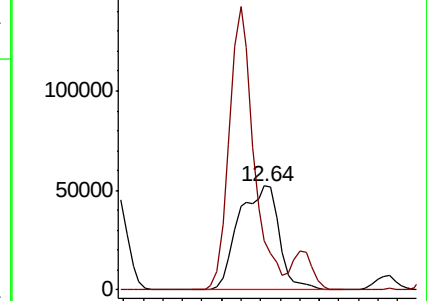
75 100

77 0.0 0.0 0.0

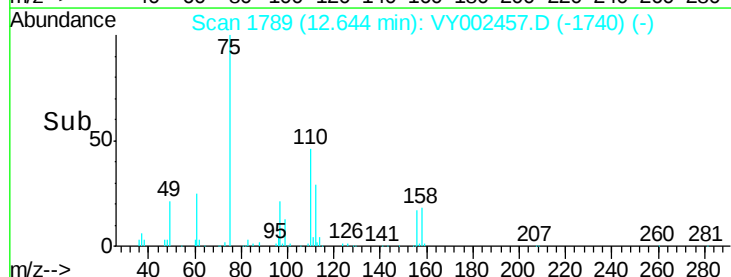


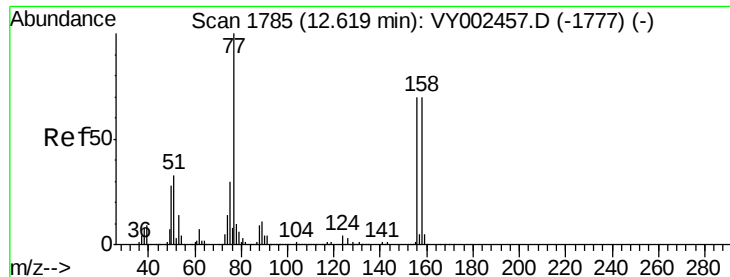
Abundance Ion 74.90 (74.60 to 75.60): VY002457.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY002457.D (-1787) (-)



Time-->





#77

Bromobenzene

Concen: 49.059 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

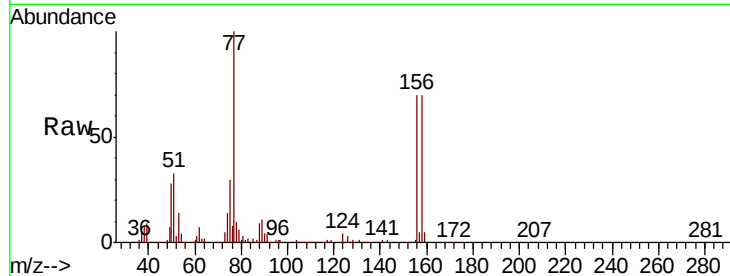
Tot Ion:156 Resp: 158566

Ion Ratio Lower Upper

156 100

77 157.1 78.5 235.7

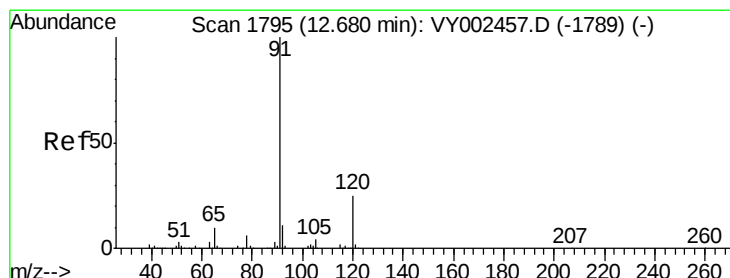
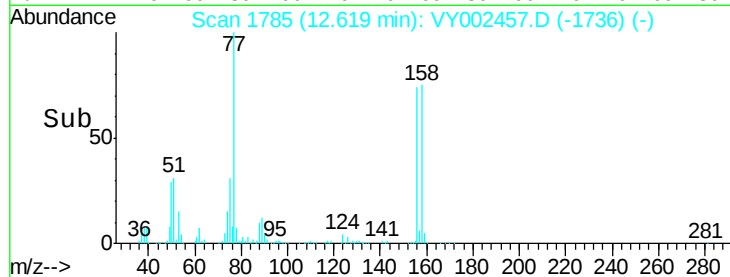
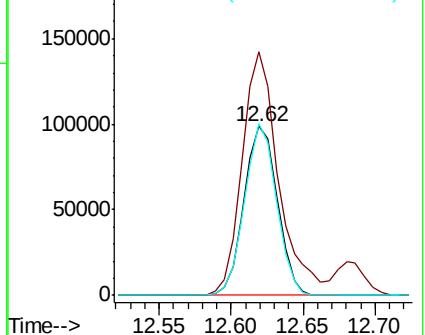
158 96.9 48.4 145.3



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: 50.661 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002457.D

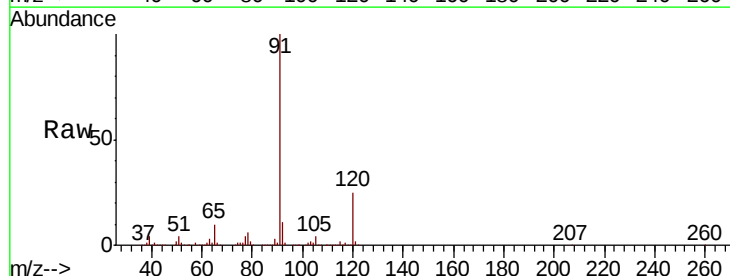
Acq: 23 Apr 2020 12:25

Tgt Ion: 91 Resp: 759621

Ion Ratio Lower Upper

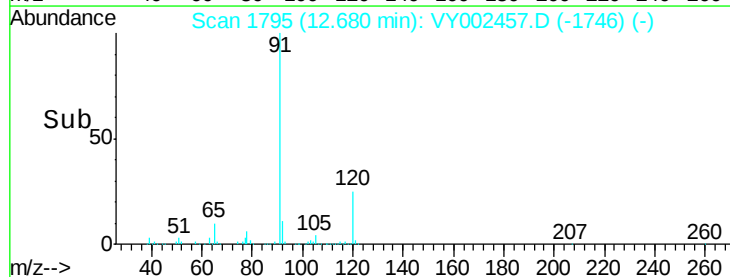
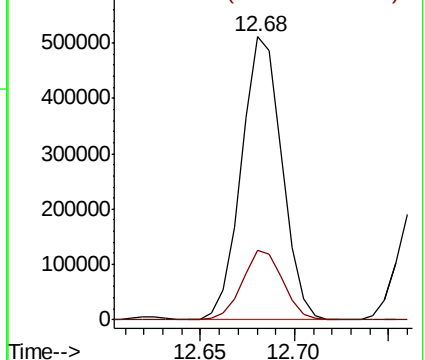
91 100

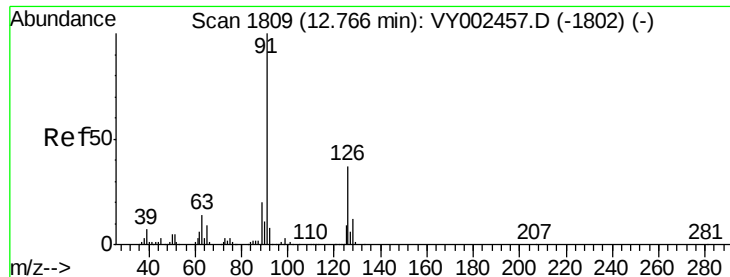
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

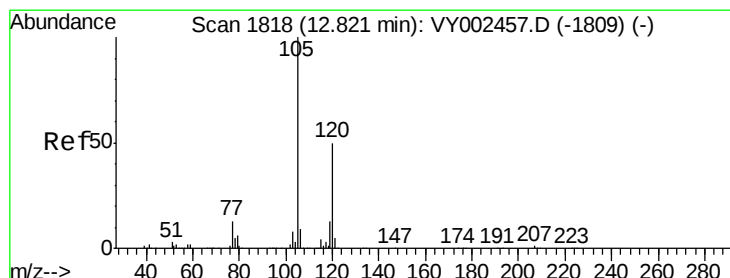
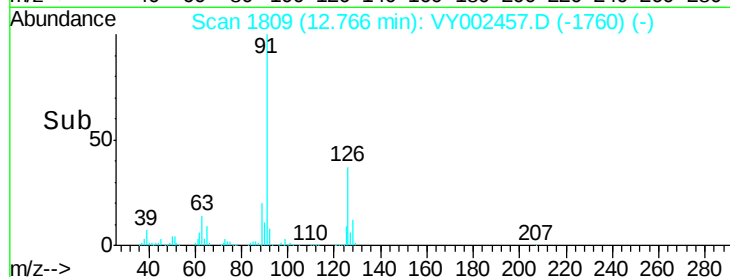
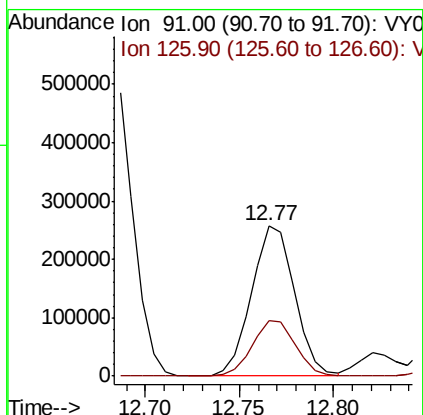
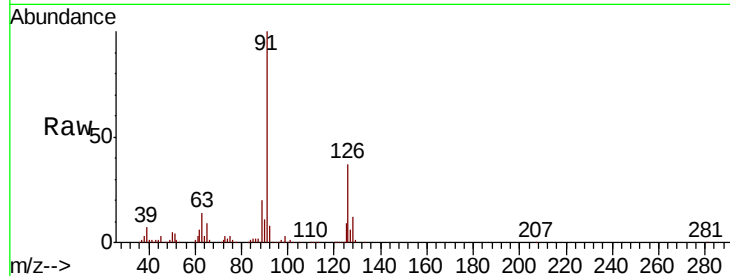




#79
 2-Chlorotoluene
 Concen: 50.033 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

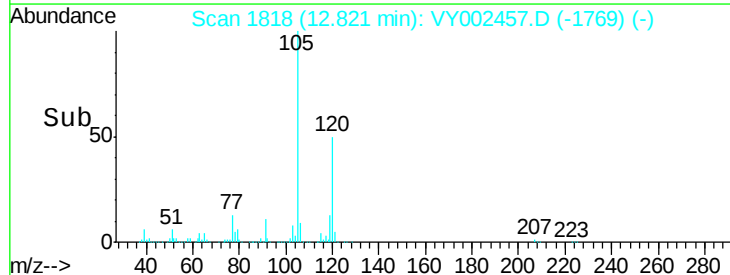
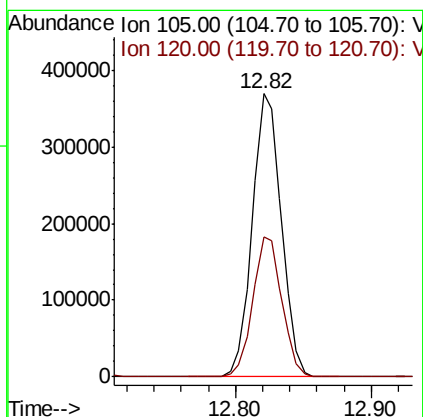
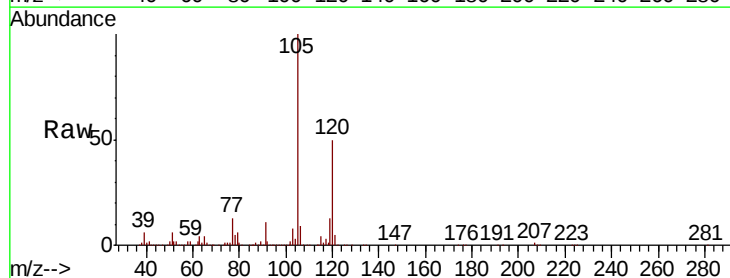
Instrument :
 MSVOA_Y
 ClientSampleId :

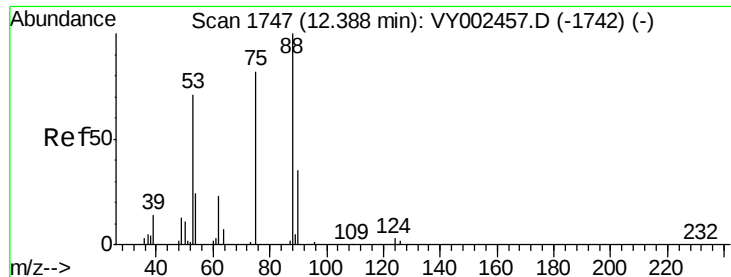
Tot Ion: 91 Resp: 409337
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 50.461 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion: 105 Resp: 553489
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.722 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

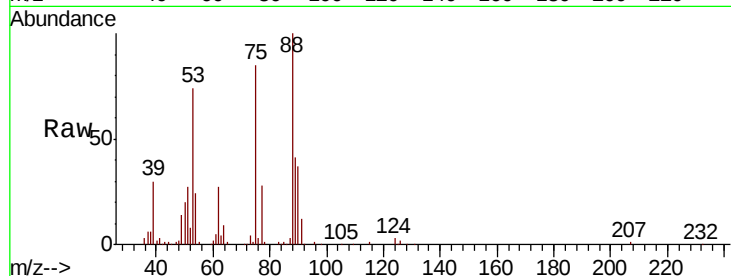
Tot Ion: 75 Resp: 42545

Ion Ratio Lower Upper

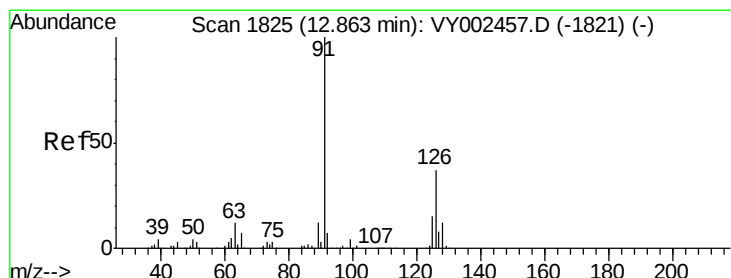
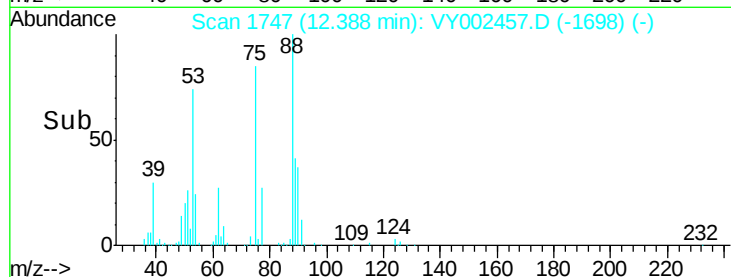
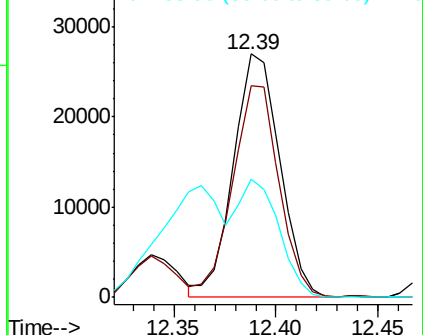
75 100

53 87.5 70.0 105.0

89 43.6 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: 49.577 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY002457.D

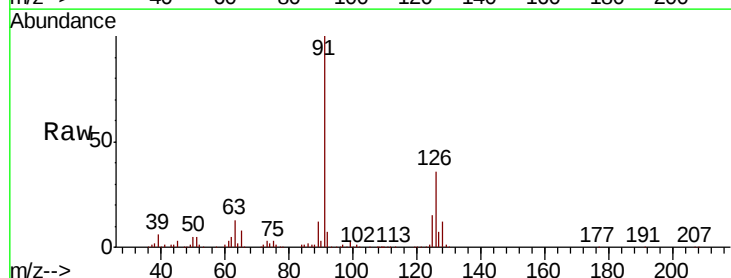
Acq: 23 Apr 2020 12:25

Tgt Ion: 91 Resp: 427966

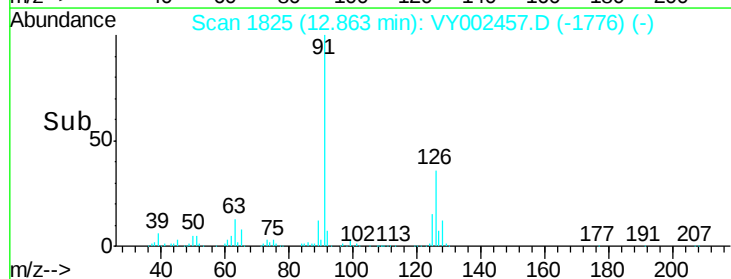
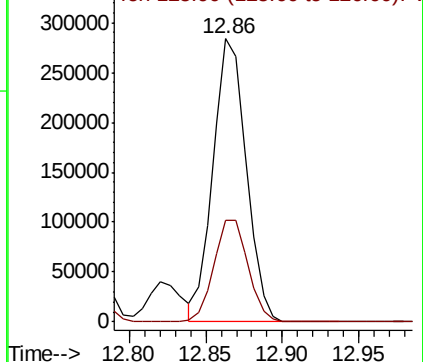
Ion Ratio Lower Upper

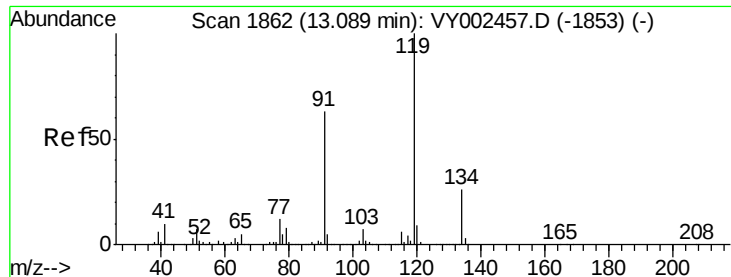
91 100

126 37.0 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

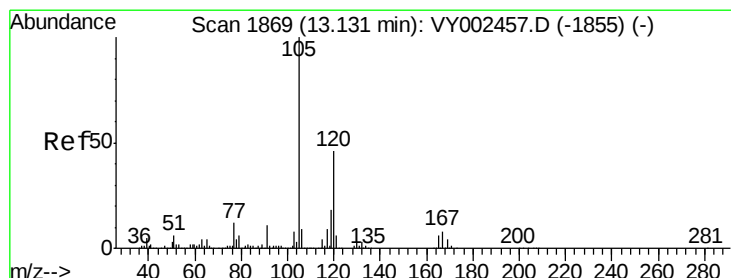
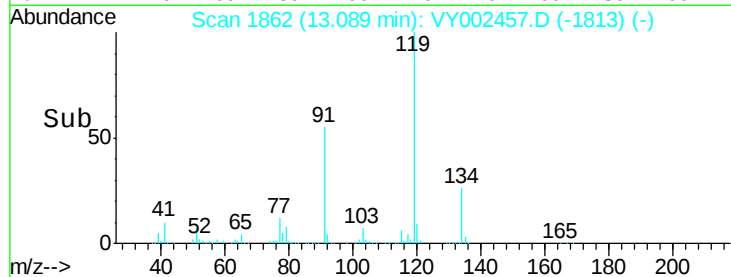
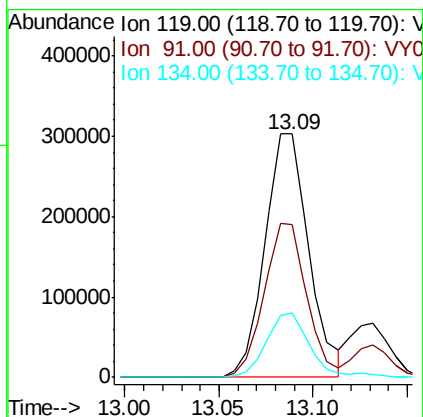
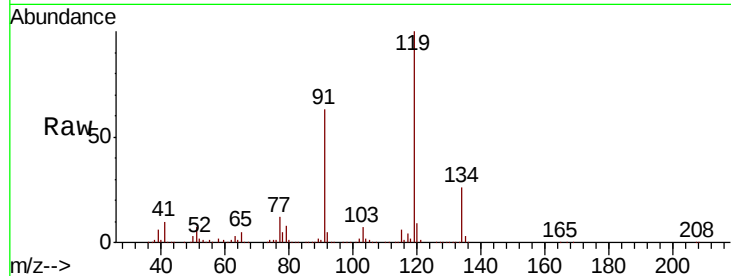




#83
 tert-Butylbenzene
 Concen: 50.683 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

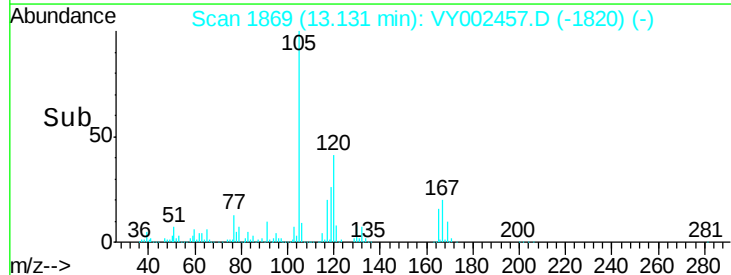
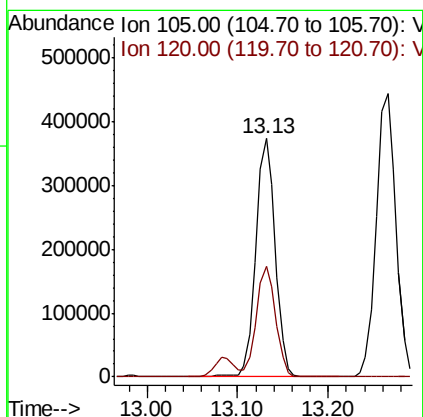
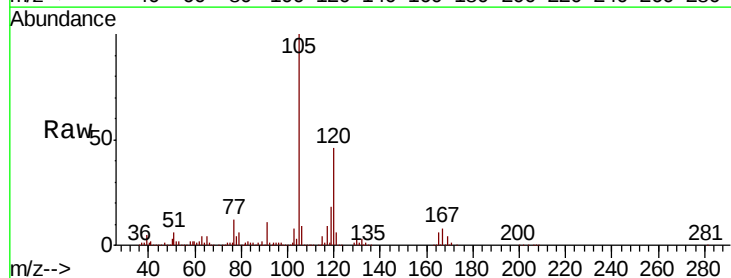
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 489406
 Ion Ratio Lower Upper
 119 100
 91 61.5 30.8 92.3
 134 26.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.529 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion:105 Resp: 552415
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.410 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

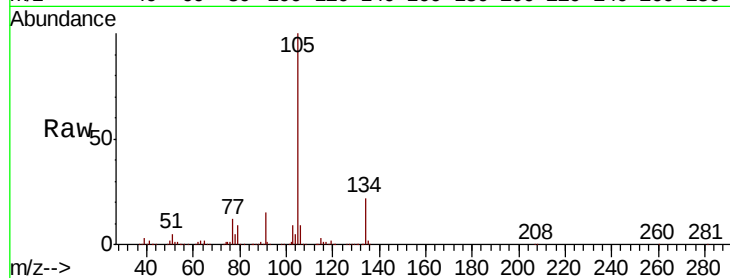
ClientSampleId :

Tot Ion:105 Resp: 664648

Ion Ratio Lower Upper

105 100

134 21.5 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

400000

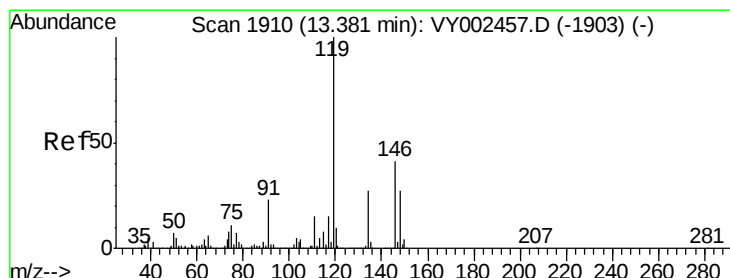
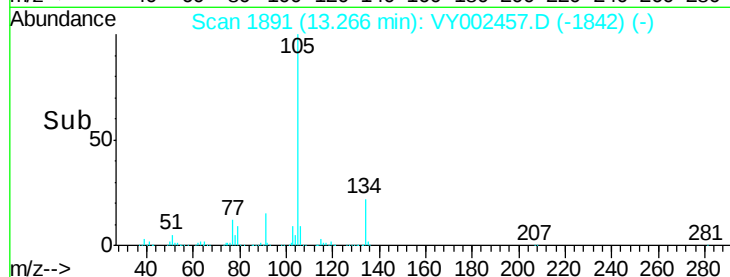
300000

200000

100000

0

Time--> 13.20 13.30



#86

p-Isopropyltoluene

Concen: 50.851 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

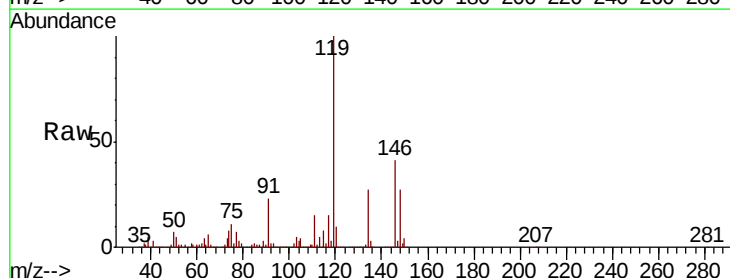
Tgt Ion:119 Resp: 634588

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.9 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

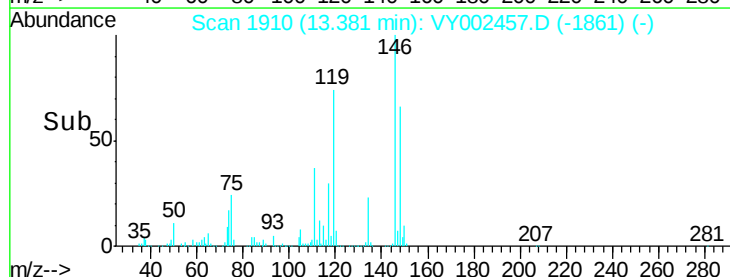
300000

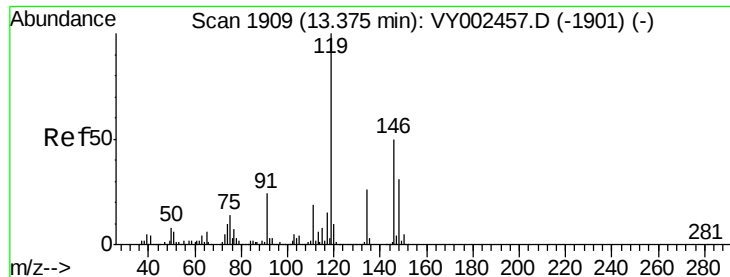
200000

100000

0

Time--> 13.30 13.35 13.40 13.45





#87

1,3-Dichlorobenzene

Concen: 49.638 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampled :

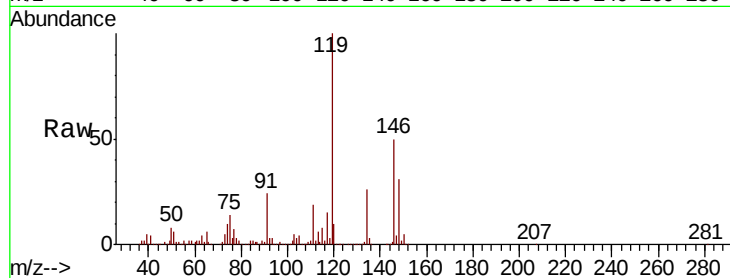
Tot Ion:146 Resp: 306309

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.3

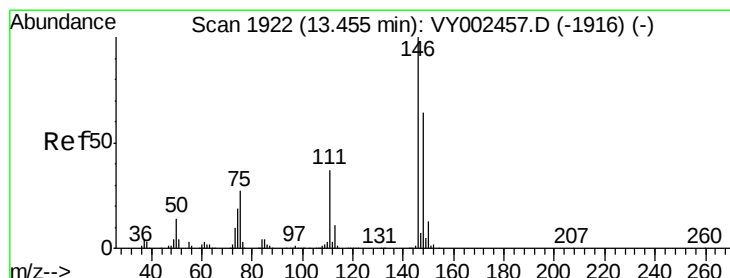
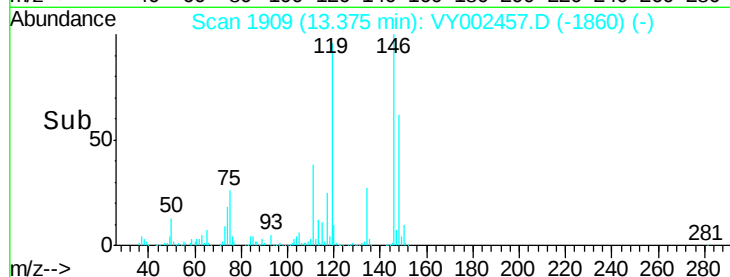
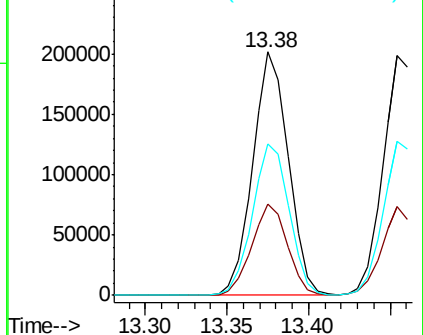
148 64.0 32.0 96.0



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: 49.627 ug/l

RT: 13.45 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

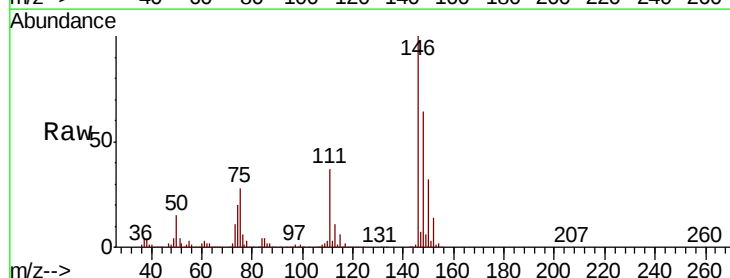
Tgt Ion:146 Resp: 303260

Ion Ratio Lower Upper

146 100

111 36.1 18.1 54.1

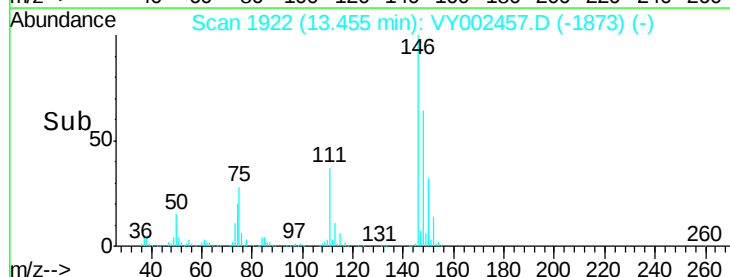
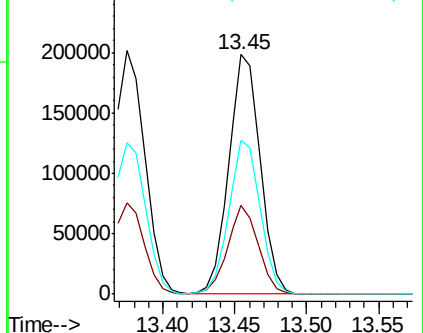
148 64.3 32.1 96.5

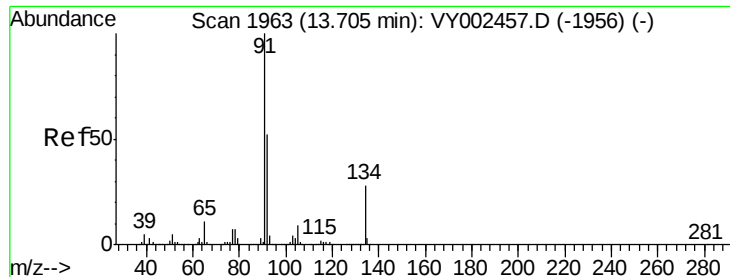


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

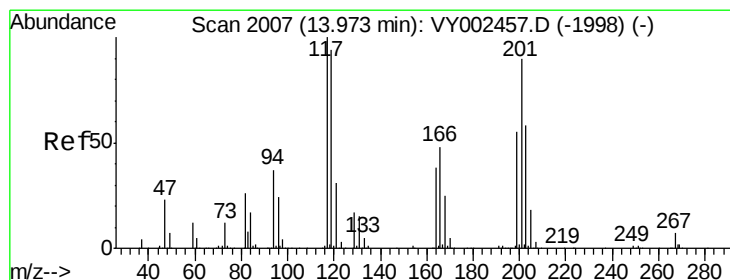
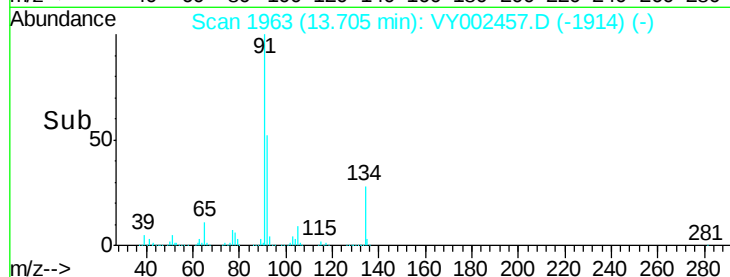
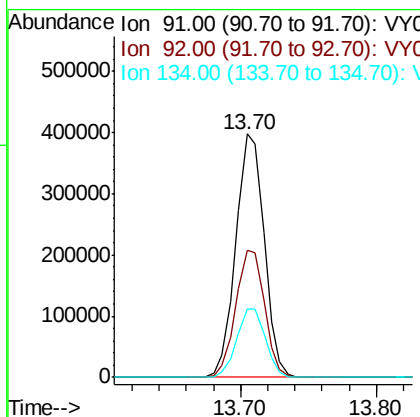
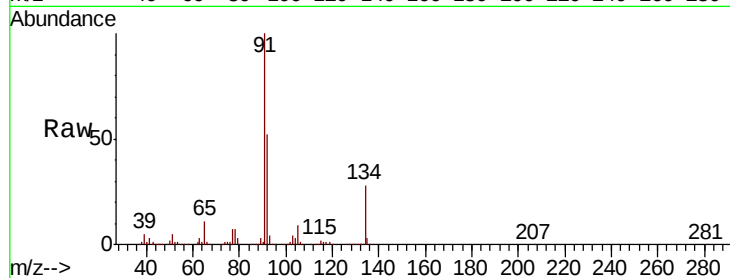




#89
n-Butylbenzene
Concen: 50.588 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

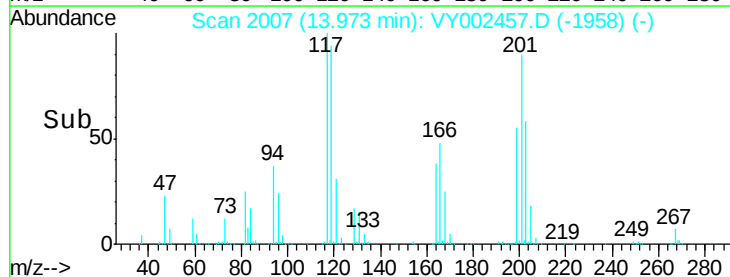
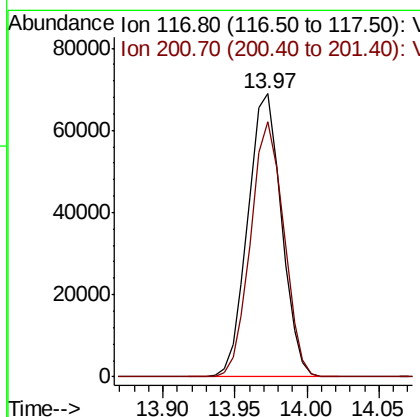
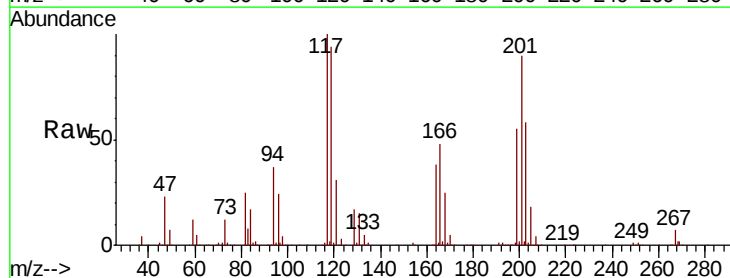
Instrument :
MSVOA_Y
ClientSampled :

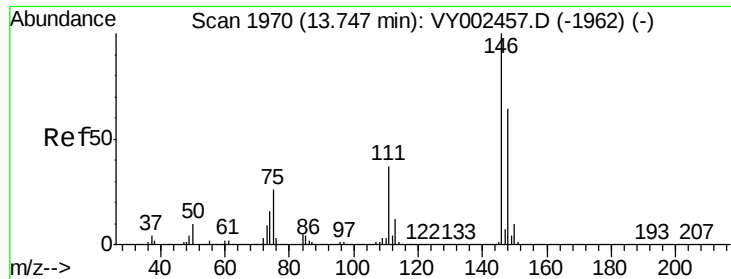
Tot Ion: 91 Resp: 577502
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.4
134 28.6 14.3 42.9



#90
Hexachloroethane
Concen: 49.978 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 117 Resp: 111454
Ion Ratio Lower Upper
117 100
201 88.7 44.4 133.1

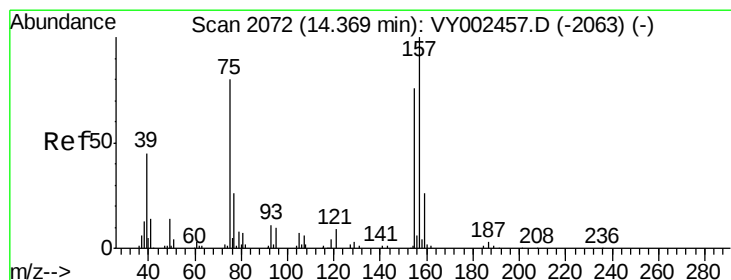
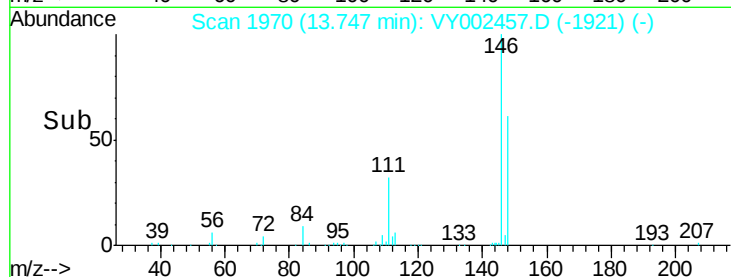
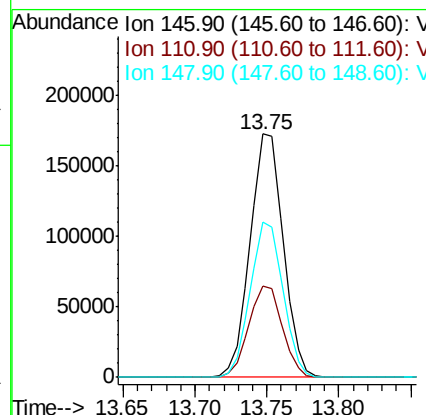
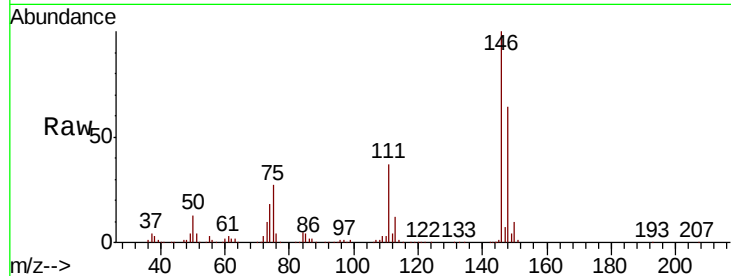




#91
 1,2-Dichlorobenzene
 Concen: 49.717 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

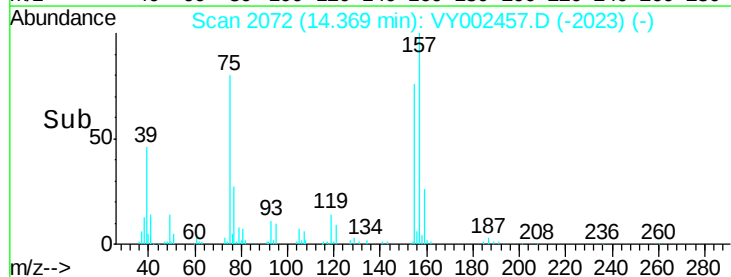
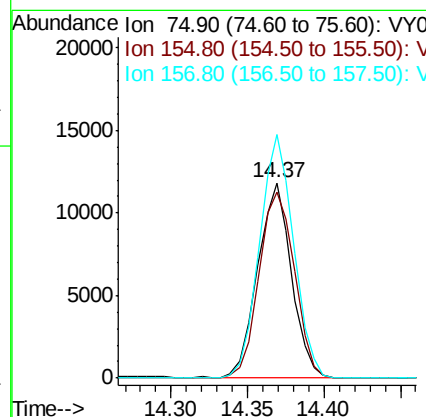
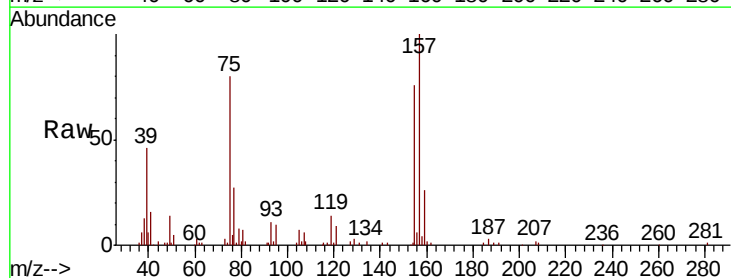
Instrument :
 MSVOA_Y
 ClientSampleId :

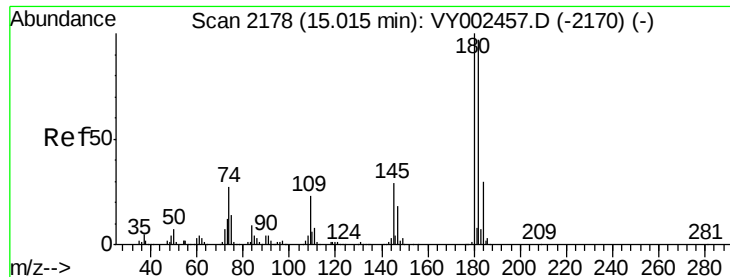
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.1	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.998 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.3	49.6	149.0
157	125.3	62.6	187.9

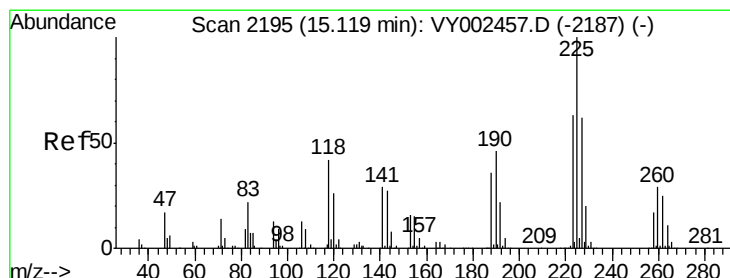
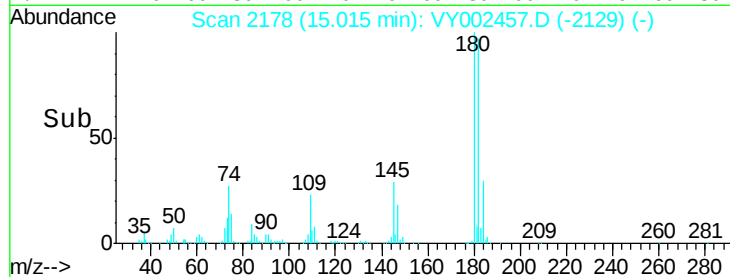
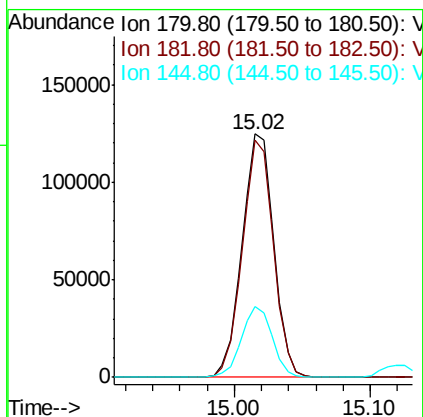
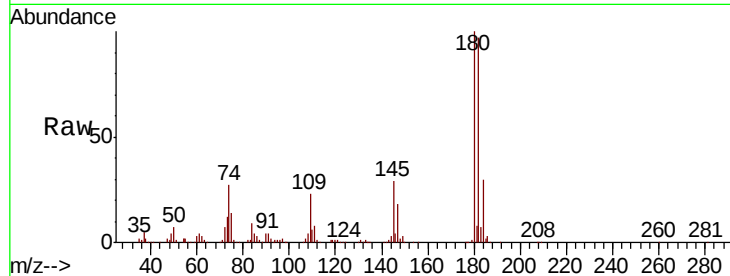




#93
 1,2,4-Trichlorobenzene
 Concen: 49.508 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

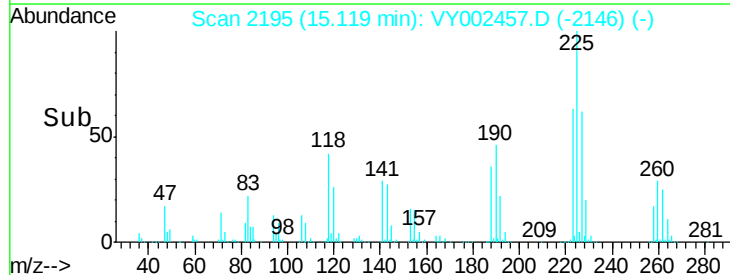
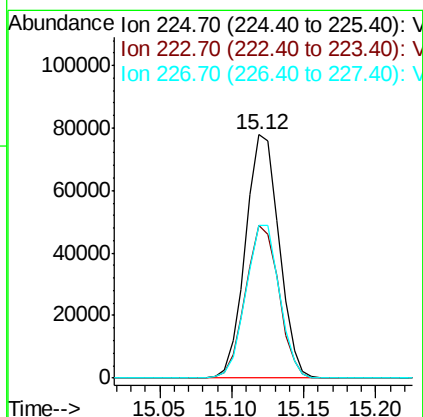
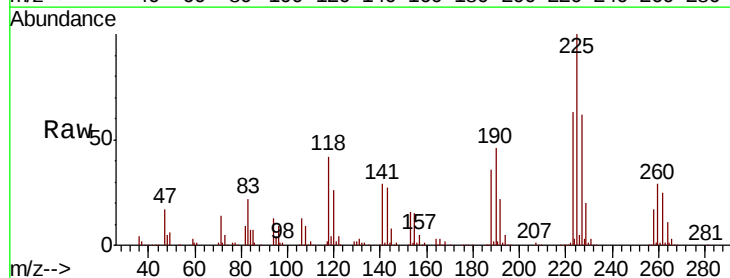
Instrument :
 MSVOA_Y
 ClientSampleId :

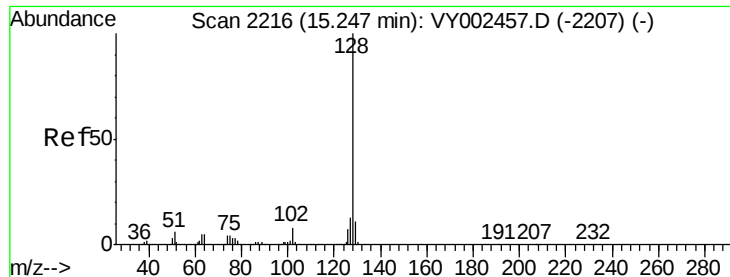
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.7
145	28.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 50.425 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.3
227	63.0	31.5	94.5





#95

Naphthalene

Concen: 49.271 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

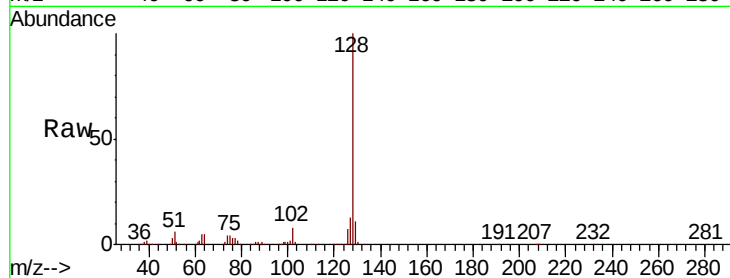
Tot Ion:128 Resp: 366221

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

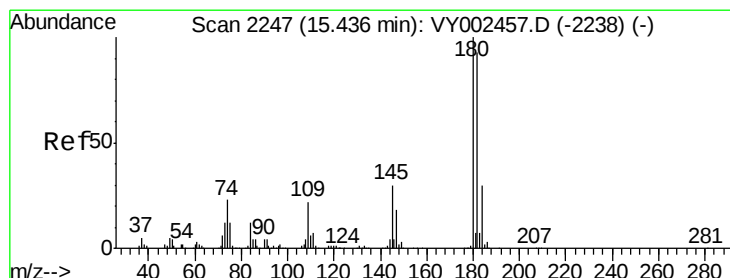
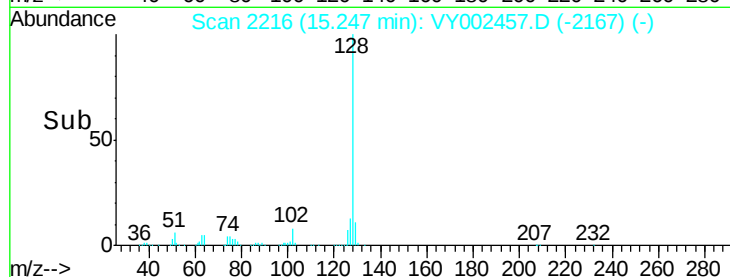
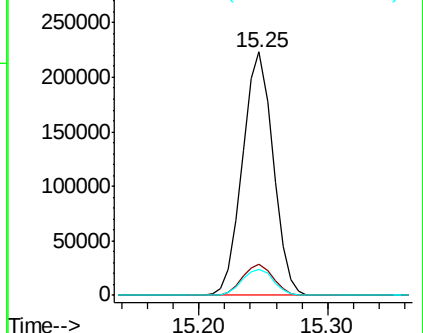
129 11.0 8.8 13.2



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: 49.745 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

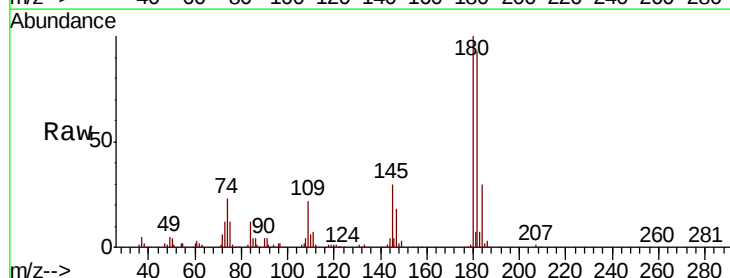
Tgt Ion:180 Resp: 171389

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 30.6 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

