

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002475.D
 Acq On : 23 Apr 2020 21:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 24 01:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	302274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	463209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	419601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	218287	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	139486	52.80	ug/l	0.00
Spiked Amount						
			Recovery	=	105.60%	
35) Dibromofluoromethane	7.75	113	136349	52.19	ug/l	0.00
Spiked Amount						
			Recovery	=	104.38%	
50) Toluene-d8	10.20	98	516251	49.16	ug/l	0.00
Spiked Amount						
			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.49	95	176899	50.20	ug/l	0.00
Spiked Amount						
			Recovery	=	100.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	111939	50.567	ug/l	98
3) Chloromethane	2.13	50	137645	48.869	ug/l	97
4) Vinyl Chloride	2.27	62	92952	45.939	ug/l	98
5) Bromomethane	2.67	94	64507	56.803	ug/l	95
6) Chloroethane	2.82	64	48274	45.660	ug/l	94
7) Trichlorofluoromethane	3.15	101	171920	46.858	ug/l	98
8) Diethyl Ether	3.55	74	64037	42.343	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.93	101	137879	54.593	ug/l	99
10) Methyl Iodide	4.13	142	210336	53.986	ug/l	98
11) Tert butyl alcohol	4.99	59	73989	297.550	ug/l	97
12) 1,1-Dichloroethene	3.90	96	141586	54.717	ug/l	99
13) Acrolein	3.76	56	57418	288.454	ug/l	99
14) Allyl chloride	4.52	41	208790	54.906	ug/l	96
15) Acrylonitrile	5.21	53	212853	294.159	ug/l	100
16) Acetone	3.98	43	159083	288.126	ug/l	97
17) Carbon Disulfide	4.22	76	426506	52.860	ug/l	99
18) Methyl Acetate	4.52	43	102708	57.809	ug/l	97
19) Methyl tert-butyl Ether	5.26	73	401680	57.527	ug/l	99
20) Methylene Chloride	4.76	84	159467	50.588	ug/l	97
21) trans-1,2-Dichloroethene	5.26	96	157265	53.982	ug/l	95
22) Diisopropyl ether	6.16	45	416329	55.372	ug/l	99
23) Vinyl Acetate	6.10	43	1396220	292.239	ug/l	97
24) 1,1-Dichloroethane	6.06	63	247717	54.418	ug/l	99
25) 2-Butanone	7.02	43	254036	300.326	ug/l	99
26) 2,2-Dichloropropane	7.02	77	212446	48.799	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	172498	54.439	ug/l	99
28) Bromochloromethane	7.36	49	93647	52.732	ug/l	98
29) Tetrahydrofuran	7.38	42	168384	300.251	ug/l	98
30) Chloroform	7.54	83	260157	53.675	ug/l	99
31) Cyclohexane	7.82	56	217749	47.836	ug/l	98
32) 1,1,1-Trichloroethane	7.73	97	237266	51.807	ug/l	100
36) 1,1-Dichloropropene	7.95	75	198084	49.872	ug/l	99
37) Ethyl Acetate	7.11	43	112066	56.163	ug/l	100
38) Carbon Tetrachloride	7.93	117	224478	49.148	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	249043	48.067	ug/l	98
40) Benzene	8.19	78	589584	51.358	ug/l	98
41) Methacrylonitrile	7.38	41	156377	127.204	ug/l #	41
42) 1,2-Dichloroethane	8.27	62	172882	51.842	ug/l	100
43) Isopropyl Acetate	8.30	43	209125	56.035	ug/l	99
44) Trichloroethene	8.96	130	182605	50.871	ug/l	99
45) 1,2-Dichloropropane	9.24	63	140337	53.042	ug/l	99
46) Dibromomethane	9.33	93	83407	53.882	ug/l	98
47) Bromodichloromethane	9.52	83	204279	52.771	ug/l	99
48) Methyl methacrylate	9.31	41	94493	55.463	ug/l	98
49) 1,4-Dioxane	9.32	88	23981	1215.625	ug/l	91
51) 4-Methyl-2-Pentanone	10.09	43	544918	281.109	ug/l	100
52) Toluene	10.26	92	372393	50.394	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	217471	53.494	ug/l	98
54) cis-1,3-Dichloropropene	9.95	75	243235	52.274	ug/l	98
55) 1,1,2-Trichloroethane	10.66	97	122647	53.587	ug/l	97
56) Ethyl methacrylate	10.52	69	172712	55.227	ug/l	99
57) 1,3-Dichloropropane	10.80	76	205114	53.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	394057	260.568	ug/l	98
59) 2-Hexanone	10.85	43	379662	280.986	ug/l	98
60) Dibromochloromethane	11.00	129	159296	53.117	ug/l	99
61) 1,2-Dibromoethane	11.10	107	122685	54.057	ug/l	100
64) Tetrachloroethene	10.74	164	193738	50.379	ug/l	98
65) Chlorobenzene	11.53	112	412736	51.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	160647	52.927	ug/l	100
67) Ethyl Benzene	11.61	91	725996	50.357	ug/l	99
68) m/p-Xylenes	11.72	106	556367	100.247	ug/l	98
69) o-Xylene	12.04	106	264803	51.523	ug/l	100
70) Styrene	12.06	104	468225	52.321	ug/l	99
71) Bromoform	12.22	173	104622	54.716	ug/l #	99
73) Isopropylbenzene	12.34	105	714966	48.992	ug/l	99
74) N-amyl acetate	12.16	43	187586	54.245	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.60	83	119691	53.402	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	185858	100.458	ug/l #	100
77) Bromobenzene	12.62	156	187702	51.284	ug/l	99
78) n-propylbenzene	12.68	91	824944	48.686	ug/l	100
79) 2-Chlorotoluene	12.77	91	465382	50.193	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	606321	48.952	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	52606	52.617	ug/l	95
82) 4-Chlorotoluene	12.87	91	483801	50.487	ug/l	100
83) tert-Butylbenzene	13.09	119	531649	49.429	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	611379	51.448	ug/l	100
85) sec-Butylbenzene	13.27	105	719593	49.964	ug/l	100
86) p-Isopropyltoluene	13.38	119	685385	49.902	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	348668	51.505	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	343839	51.080	ug/l	100
89) n-Butylbenzene	13.71	91	609387	48.096	ug/l	99
90) Hexachloroethane	13.97	117	124467	50.137	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	314986	54.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	23957	53.839	ug/l	98

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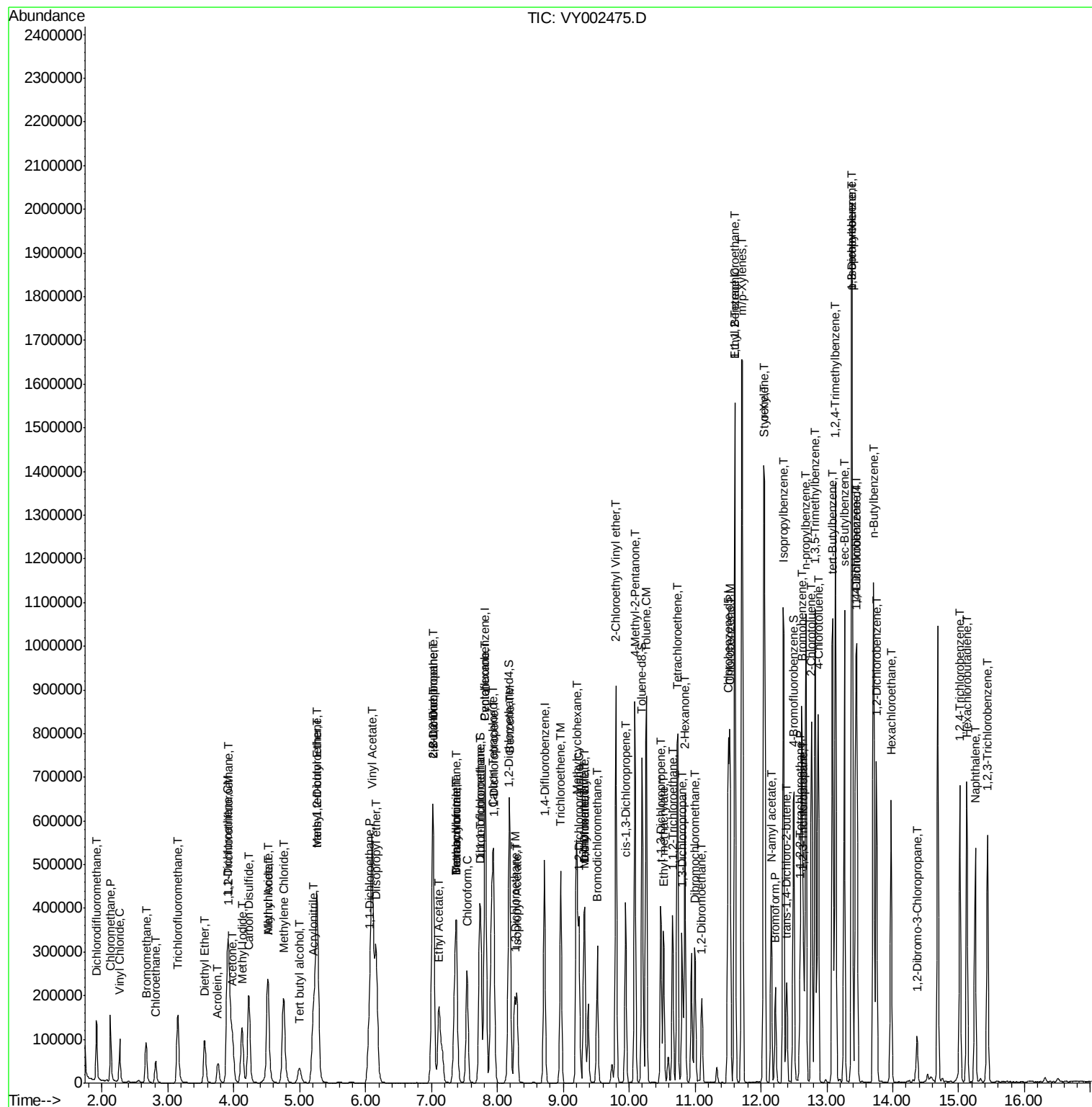
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	224594	48.813	ug/l	100
94) Hexachlorobutadiene	15.13	225	133974	48.247	ug/l	99
95) Naphthalene	15.25	128	466547	54.673	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	197768	50.675	ug/l	100

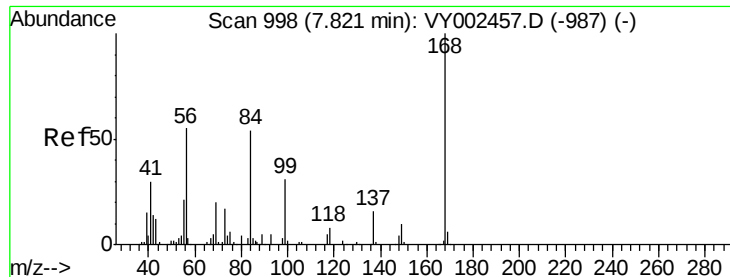
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002475.D

Acq: 23 Apr 2020 21:07

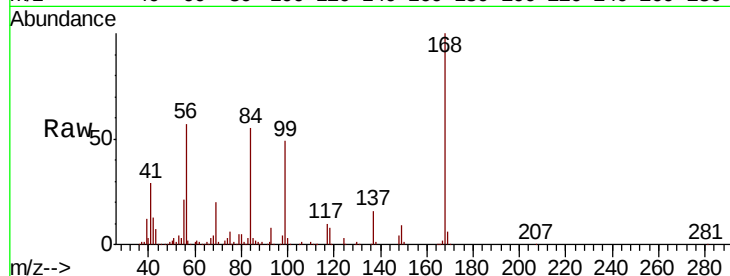
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 302274

Ion Ratio Lower Upper

168 100

99 48.7 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002475.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002475.D (-987) (-)

7.82

150000

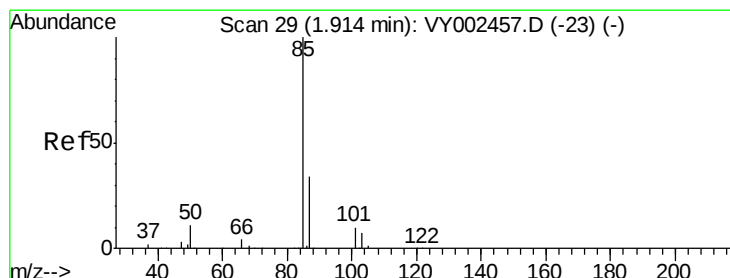
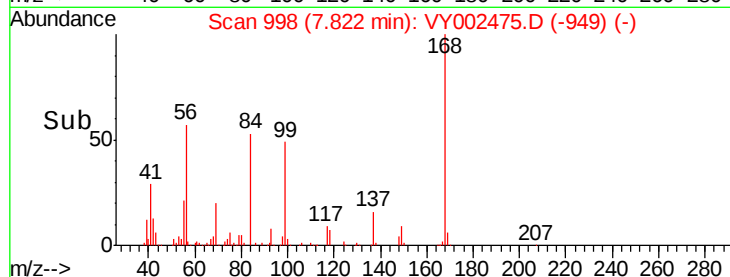
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.567 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002475.D

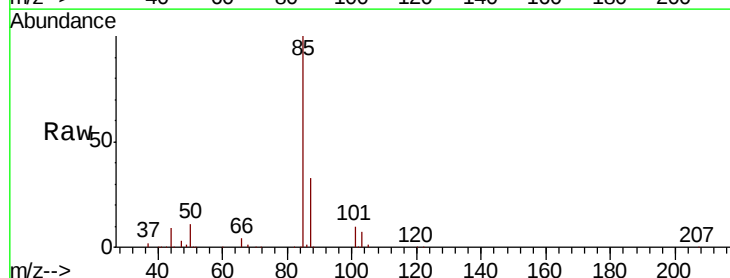
Acq: 23 Apr 2020 21:07

Tgt Ion: 85 Resp: 111939

Ion Ratio Lower Upper

85 100

87 33.2 17.1 51.3



Abundance Ion 84.90 (84.60 to 85.60): VY002475.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY002475.D (-23) (-)

1.91

80000

60000

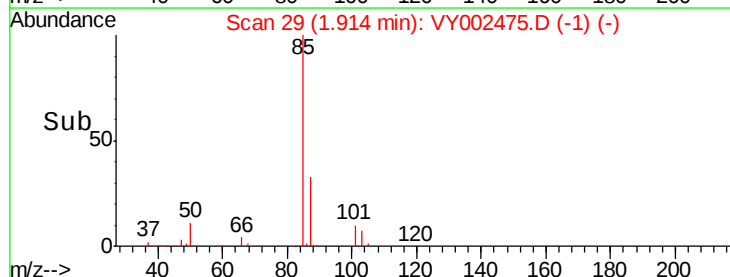
40000

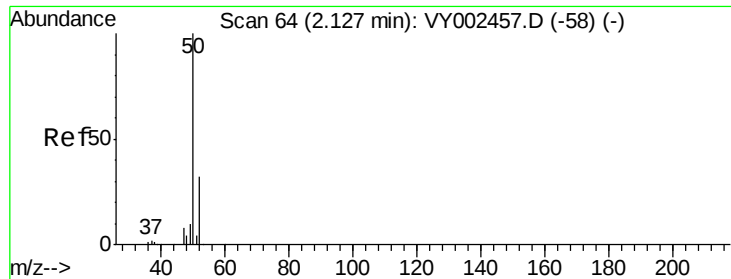
20000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 48.869 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

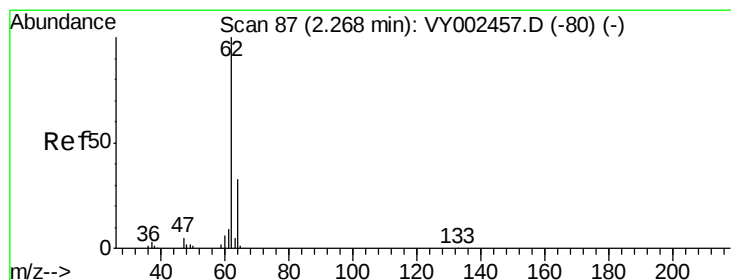
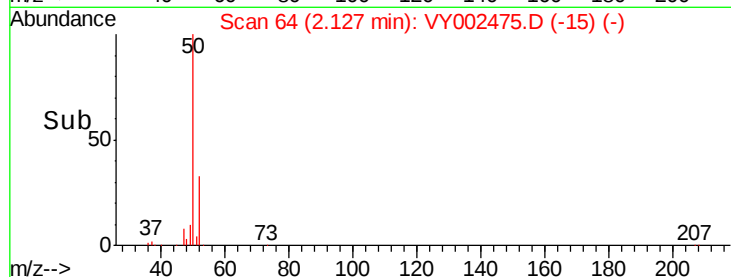
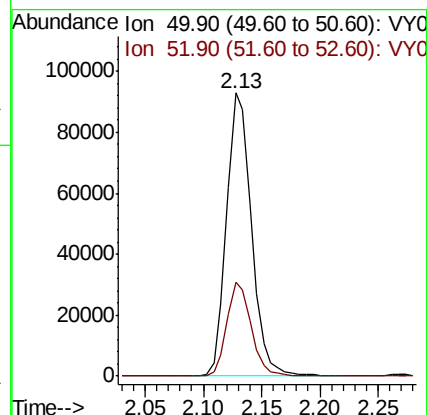
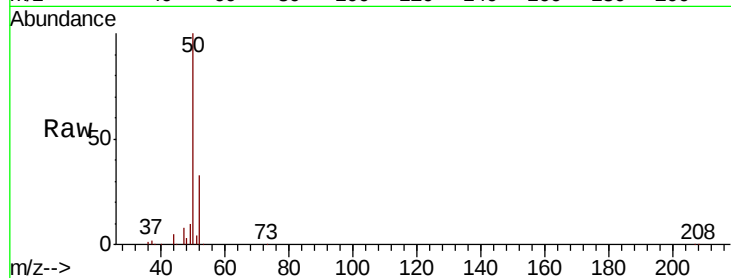
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 137645

Ion Ratio Lower Upper

50 100

52 33.1 25.2 37.8



#4

Vinyl Chloride

Concen: 45.939 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002475.D

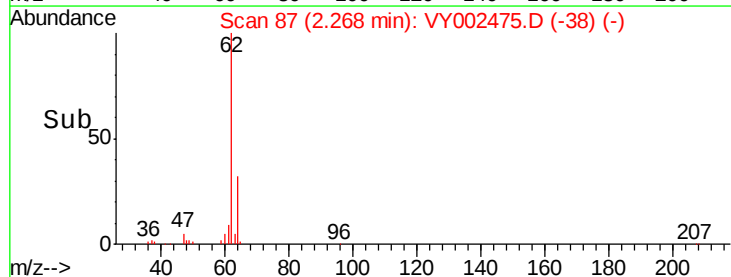
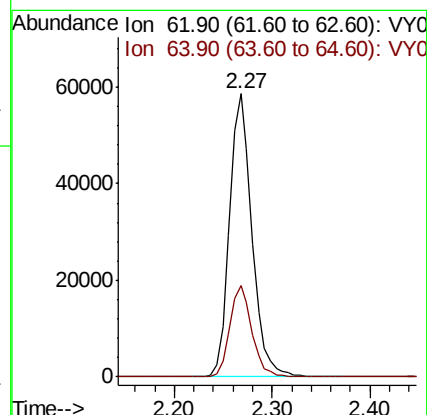
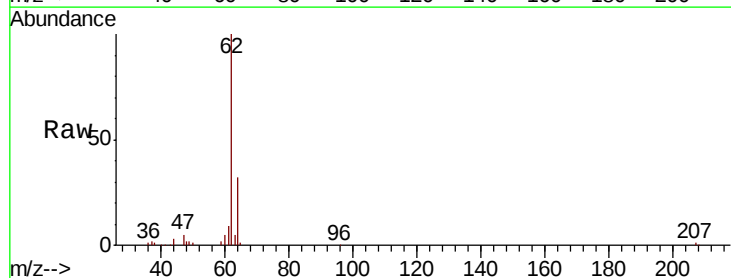
Acq: 23 Apr 2020 21:07

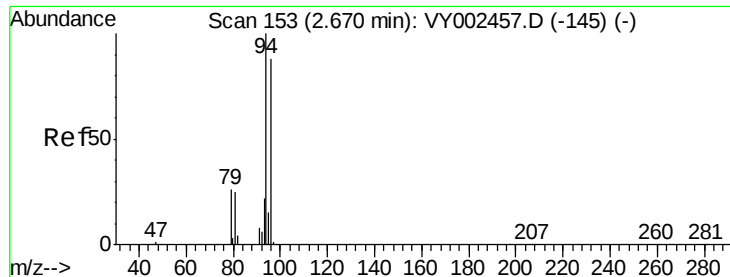
Tgt Ion: 62 Resp: 92952

Ion Ratio Lower Upper

62 100

64 32.3 26.6 39.8





#5

Bromomethane

Concen: 56.803 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

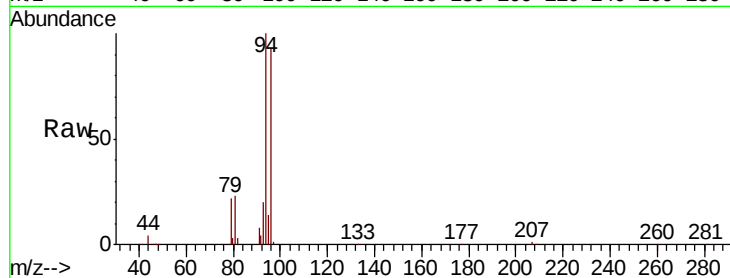
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 64507

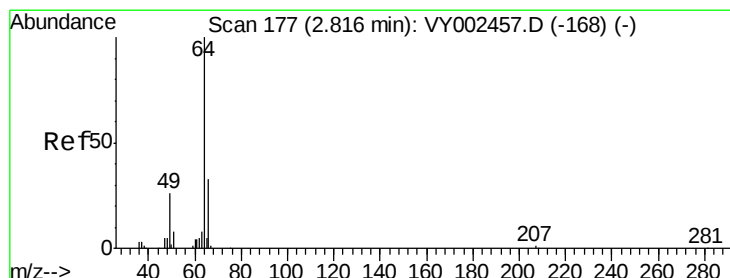
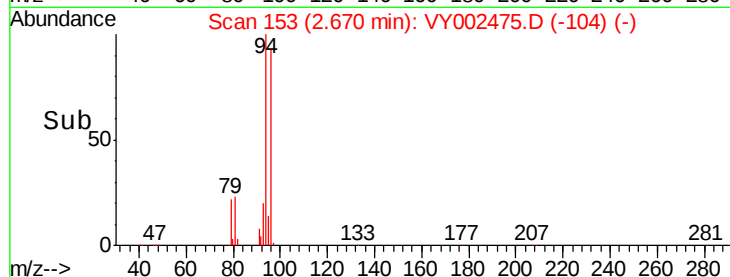
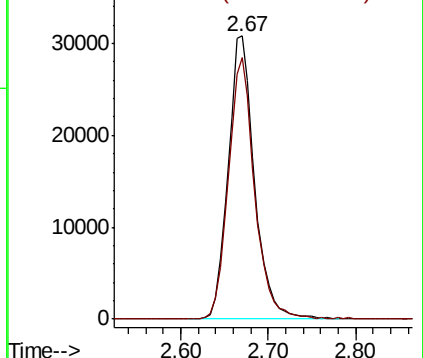
Ion Ratio Lower Upper

94 100

96 92.3 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 45.660 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.00 min

Lab File: VY002475.D

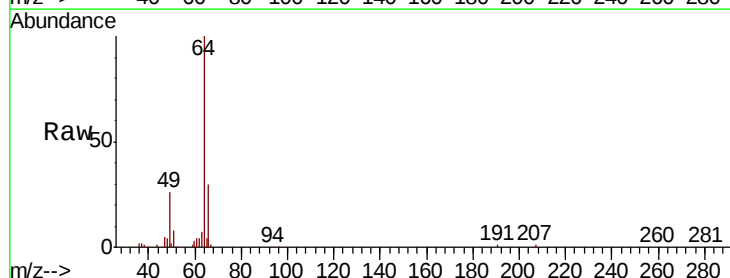
Acq: 23 Apr 2020 21:07

Tgt Ion: 64 Resp: 48274

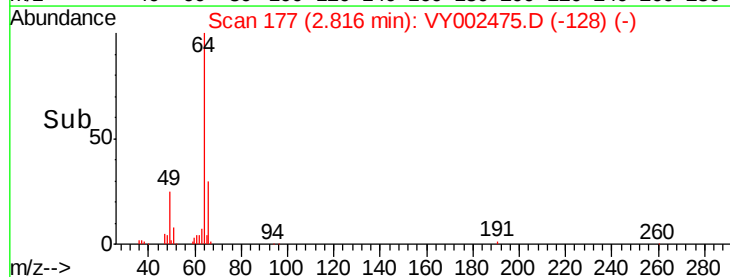
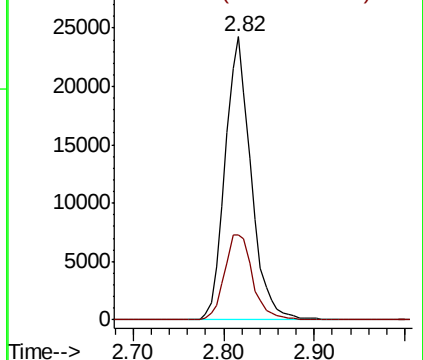
Ion Ratio Lower Upper

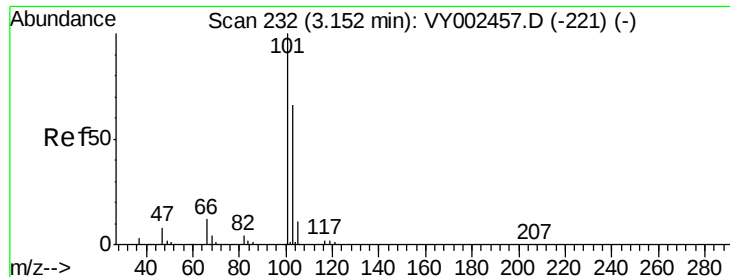
64 100

66 30.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



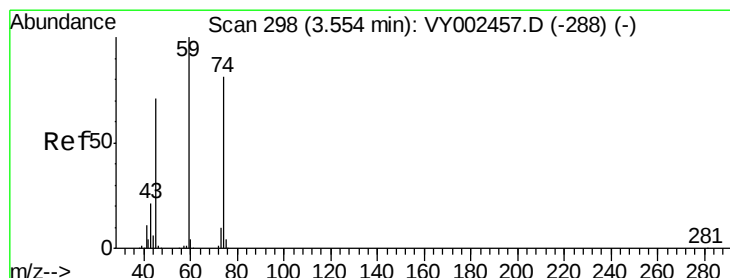
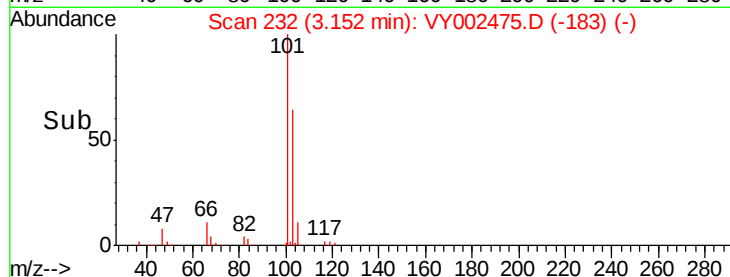
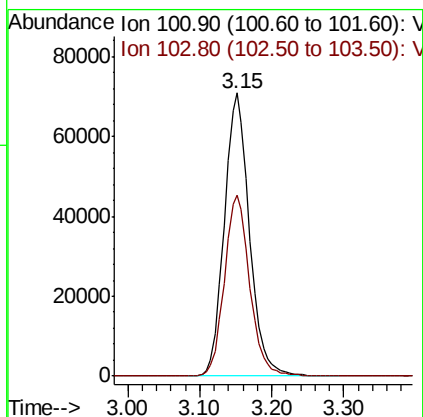
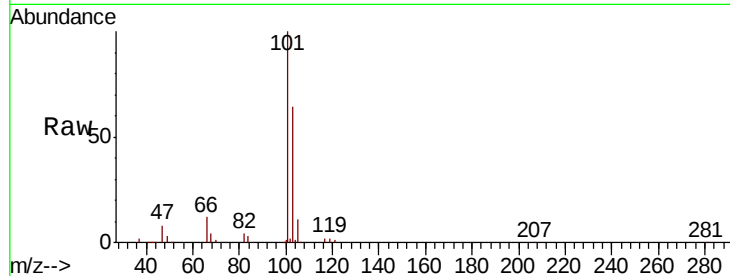


#7

Trichlorofluoromethane
Concen: 46.858 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Instrument :
MSVOA_Y
ClientSampleId :

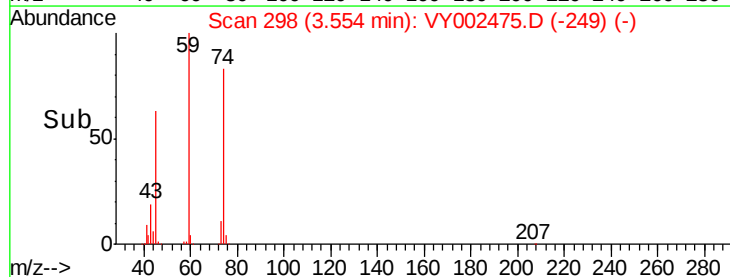
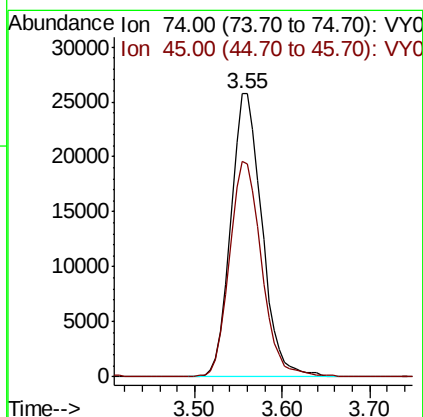
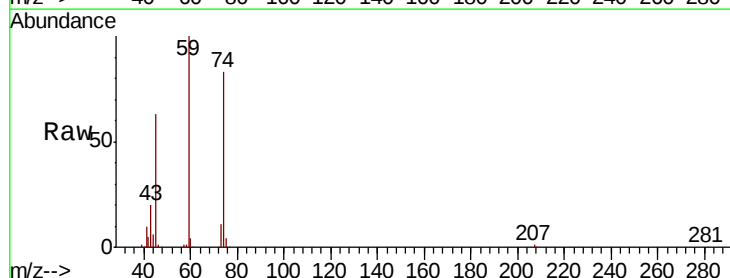
Tot Ion:101 Resp: 171920
Ion Ratio Lower Upper
101 100
103 64.1 52.5 78.7

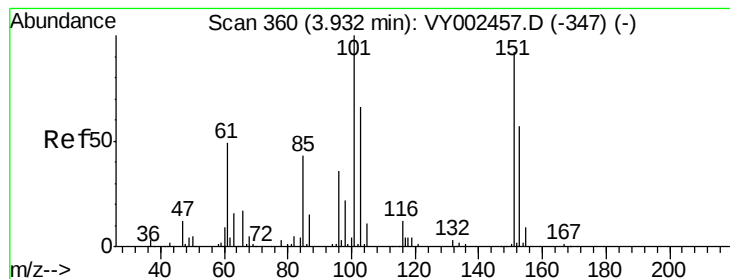


#8

Diethyl Ether
Concen: 42.343 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 74 Resp: 64037
Ion Ratio Lower Upper
74 100
45 78.4 44.0 132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.593 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampled :

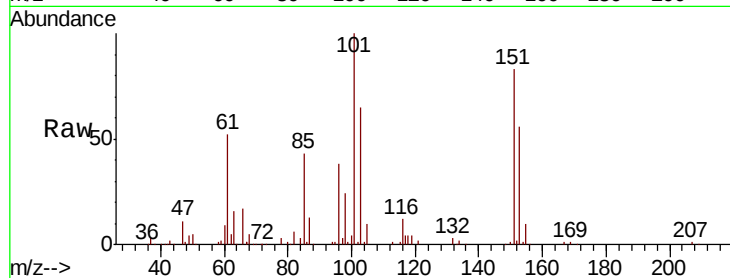
Tot Ion:101 Resp: 137879

Ion Ratio Lower Upper

101 100

85 42.9 34.1 51.1

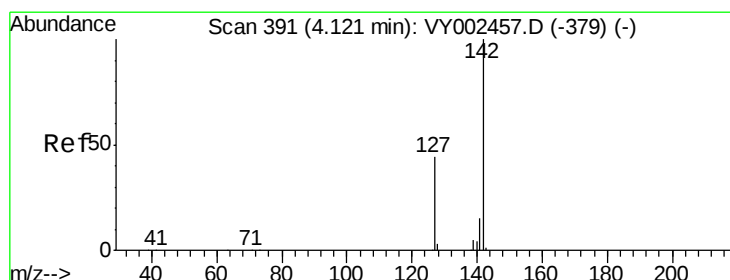
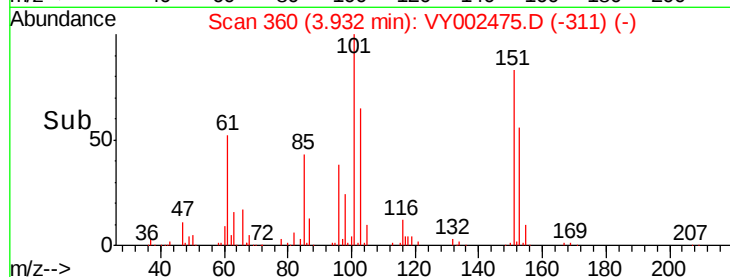
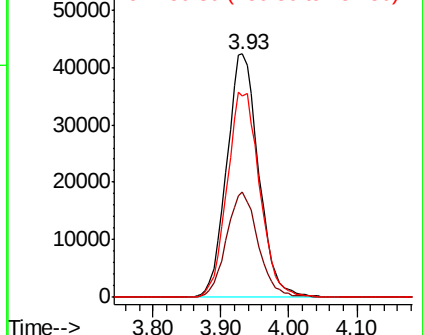
151 86.2 70.3 105.5



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: 53.986 ug/l

RT: 4.13 min Scan# 392

Delta R.T. 0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

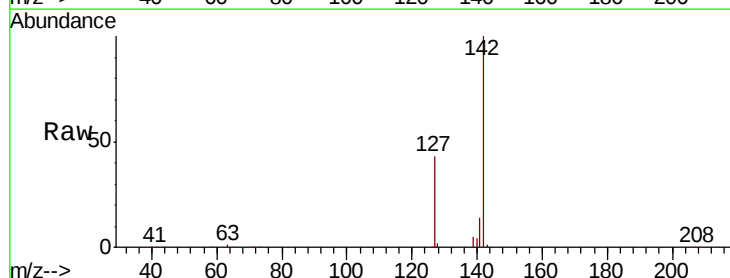
Tgt Ion:142 Resp: 210336

Ion Ratio Lower Upper

142 100

127 43.4 35.8 53.8

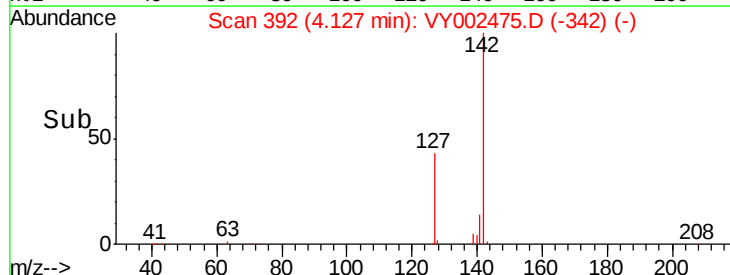
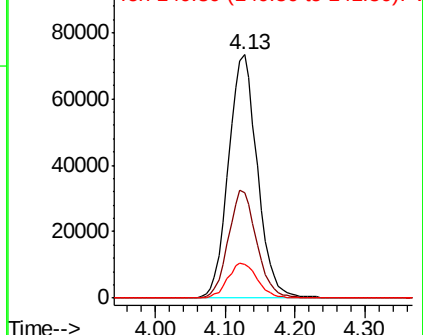
141 14.8 11.6 17.4

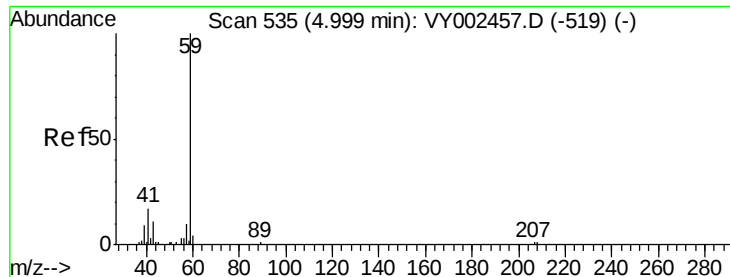


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



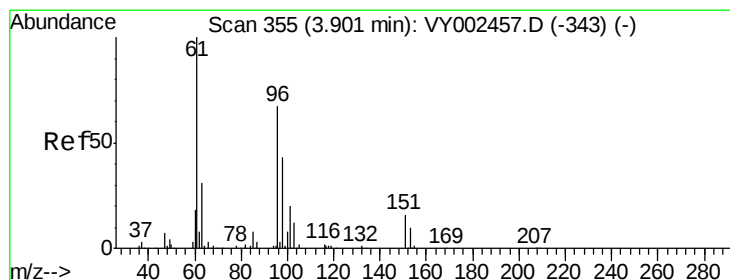
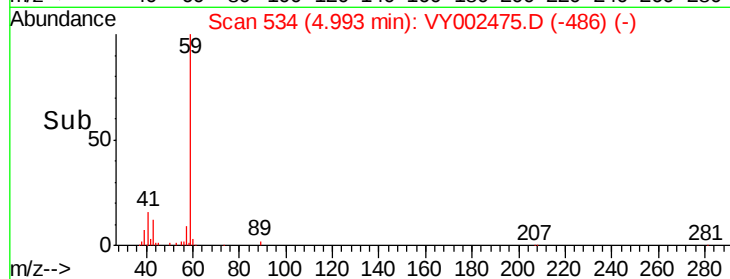
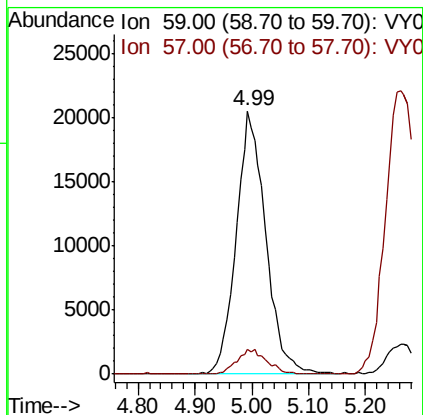
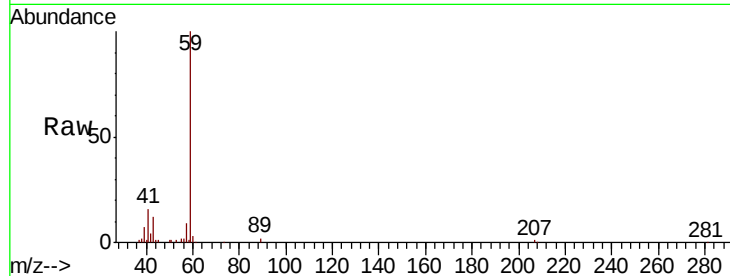


#11

Tert butyl alcohol
 Concen: 297.550 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Instrument :
 MSVOA_Y
 ClientSampleId :

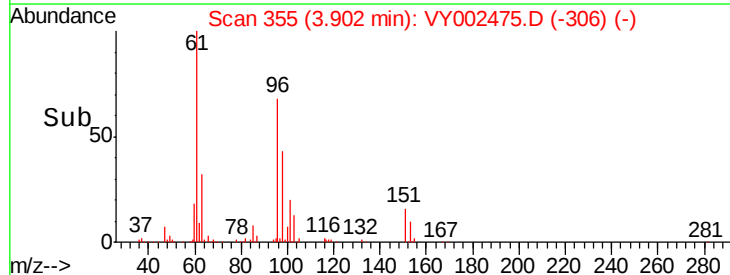
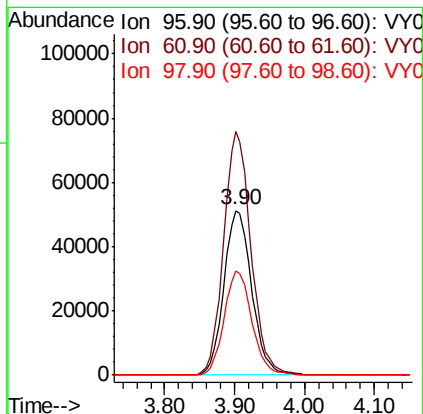
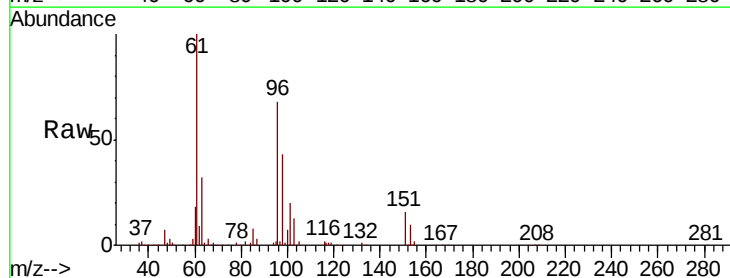
Tot Ion: 59 Resp: 73989
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.4 12.6

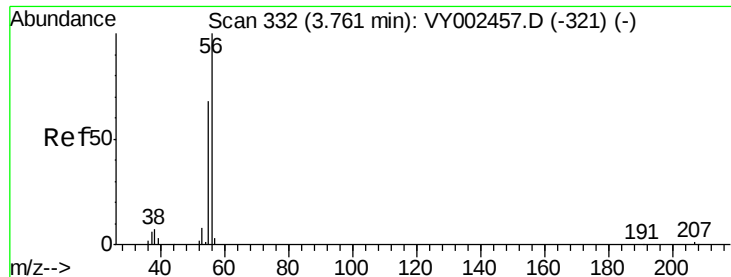


#12

1,1-Dichloroethene
 Concen: 54.717 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Tgt Ion: 96 Resp: 141586
 Ion Ratio Lower Upper
 96 100
 61 147.8 119.0 178.6
 98 62.9 51.4 77.2





#13

Acrolein

Concen: 288.454 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

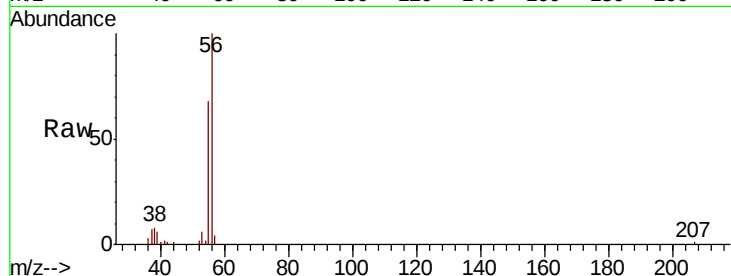
ClientSampleId :

Tot Ion: 56 Resp: 57418

Ion Ratio Lower Upper

56 100

55 69.2 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

10000

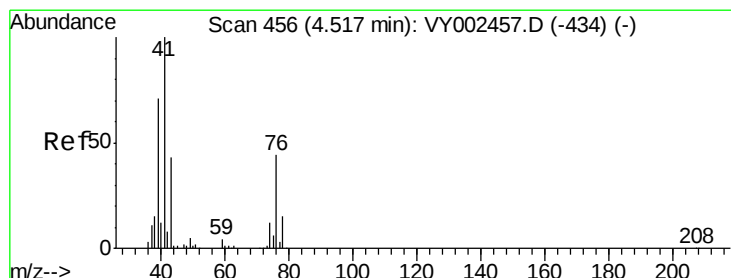
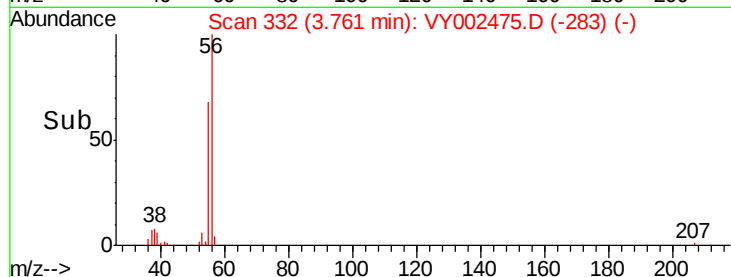
5000

0

3.76

3.70 3.80 3.90

Time-->



#14

Allyl chloride

Concen: 54.906 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

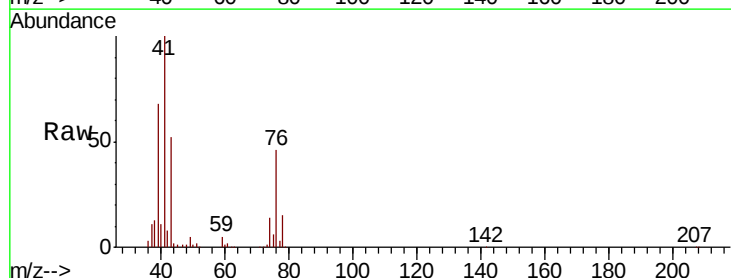
Tgt Ion: 41 Resp: 208790

Ion Ratio Lower Upper

41 100

39 64.8 55.1 82.7

76 41.2 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

100000

80000

60000

40000

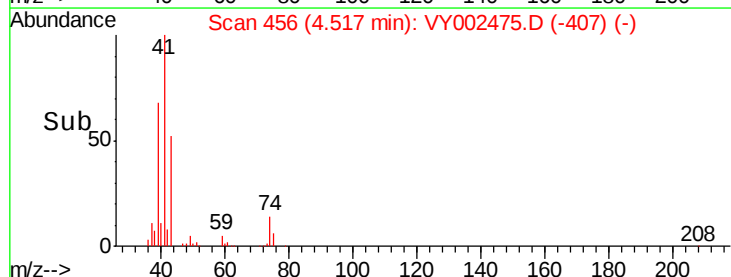
20000

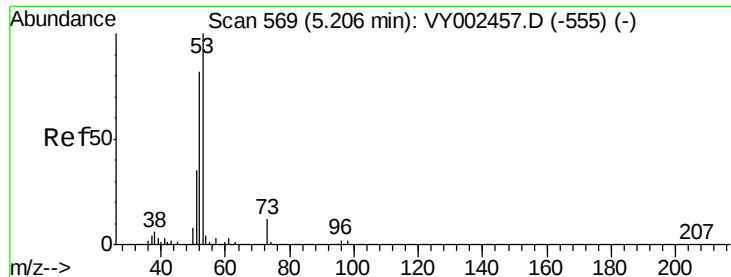
0

4.52

4.40 4.60

Time-->





#15

Acrylonitrile

Concen: 294.159 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

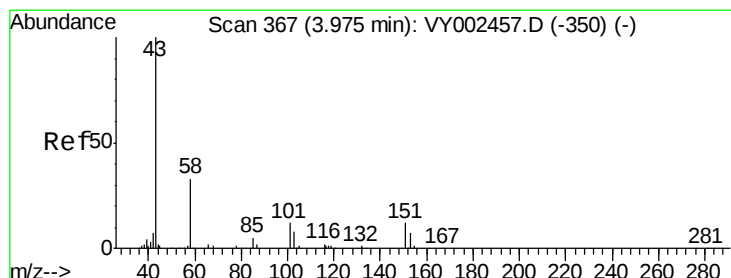
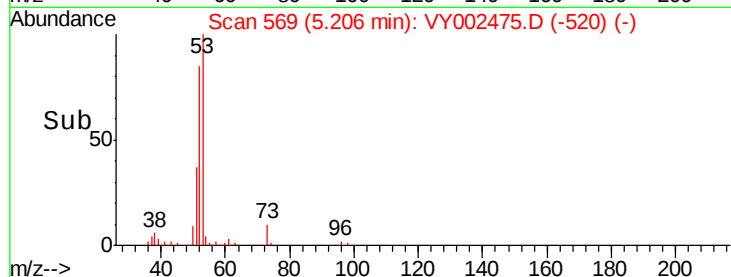
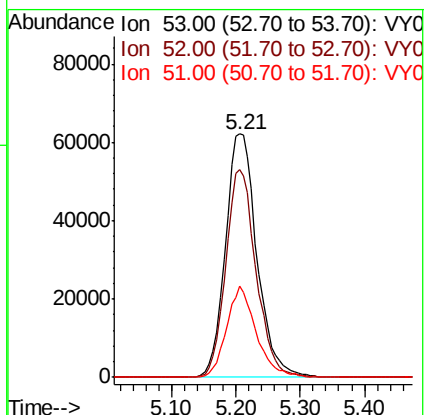
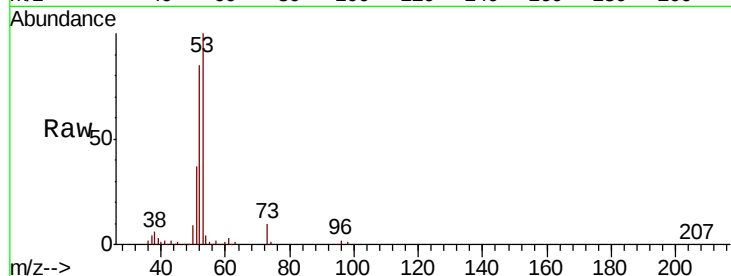
Tot Ion: 53 Resp: 212853

Ion Ratio Lower Upper

53 100

52 82.1 65.4 98.2

51 35.3 28.3 42.5



#16

Acetone

Concen: 288.126 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY002475.D

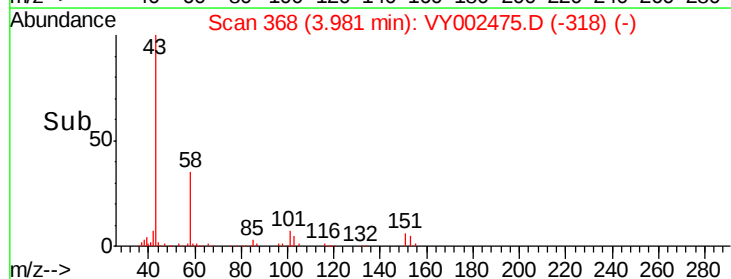
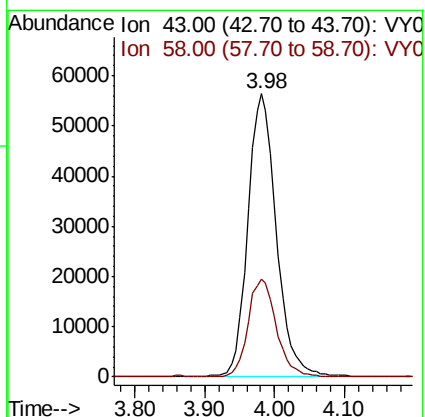
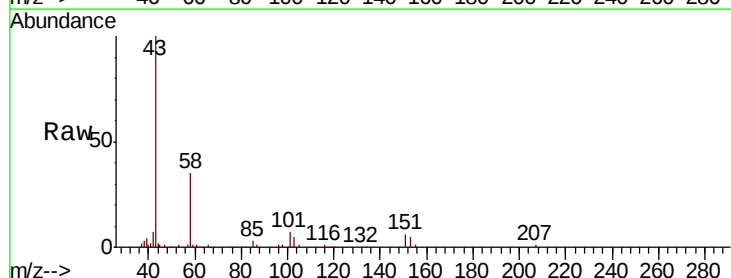
Acq: 23 Apr 2020 21:07

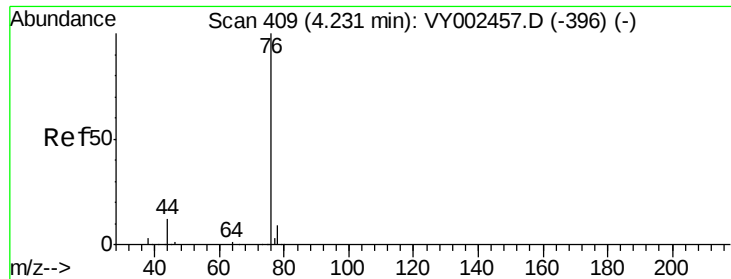
Tgt Ion: 43 Resp: 159083

Ion Ratio Lower Upper

43 100

58 34.6 26.4 39.6

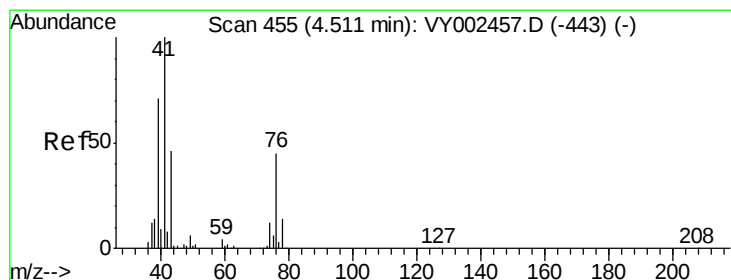
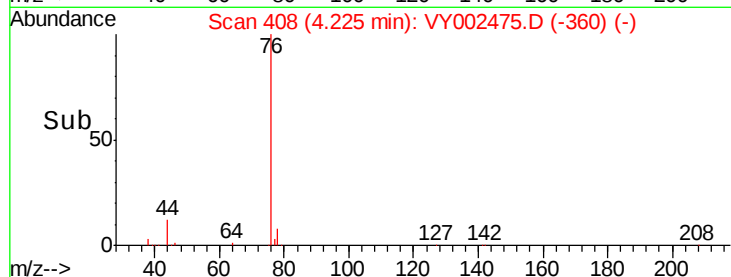
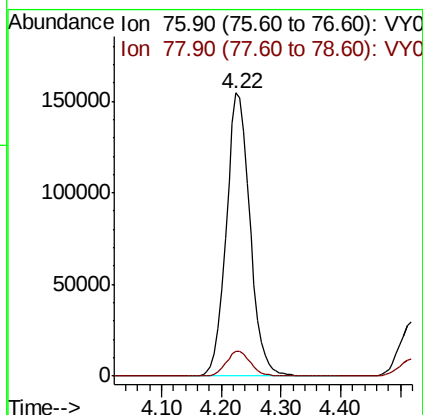
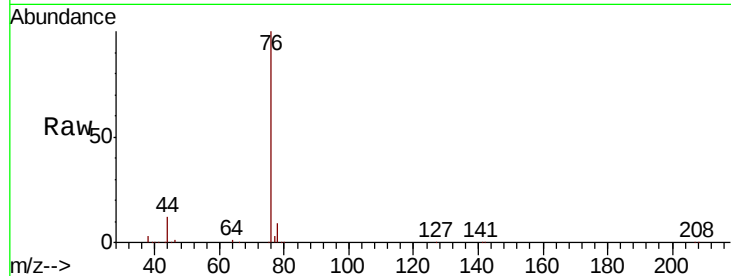




#17
Carbon Disulfide
Concen: 52.860 ug/l
RT: 4.22 min Scan# 408
Delta R.T. -0.01 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

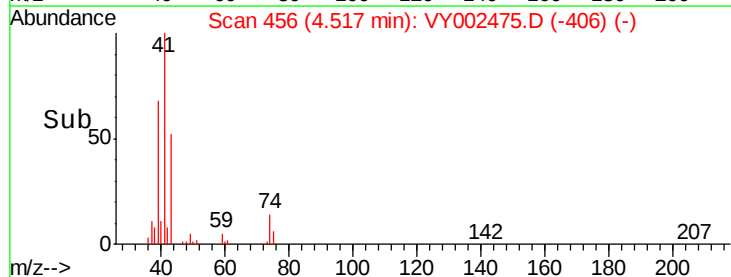
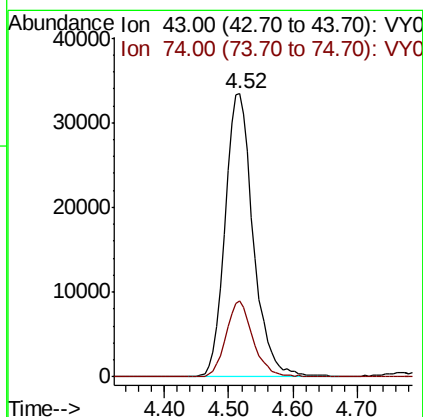
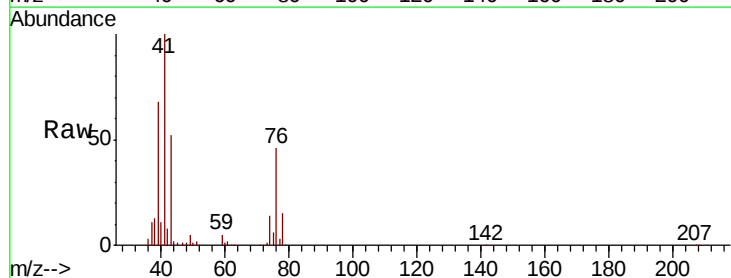
Instrument :
MSVOA_Y
ClientSampleId :

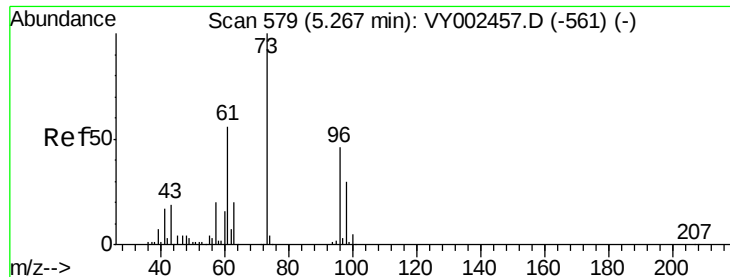
Tot Ion: 76 Resp: 426506
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 57.809 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 43 Resp: 102708
Ion Ratio Lower Upper
43 100
74 25.8 22.0 33.0

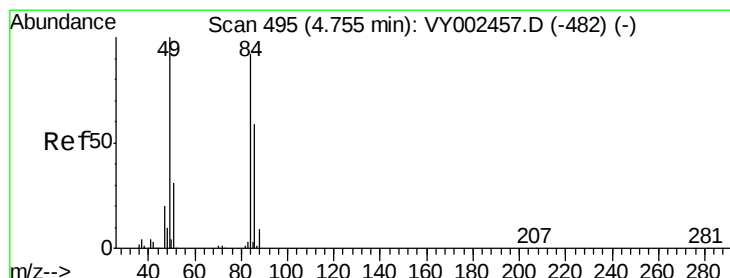
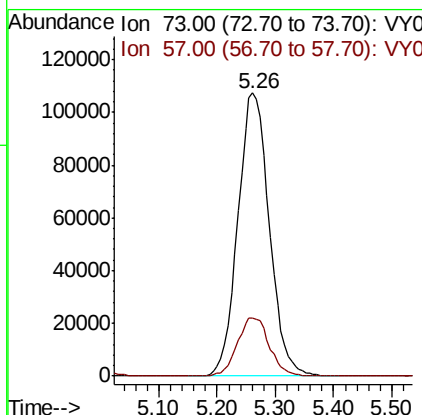
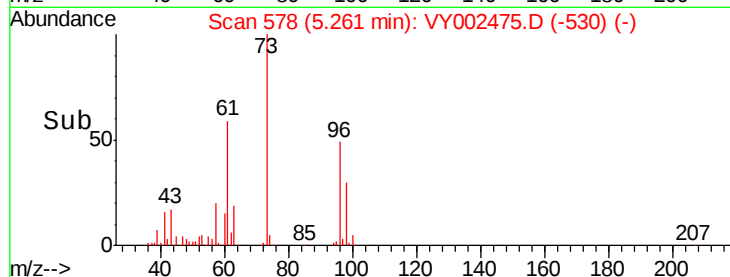
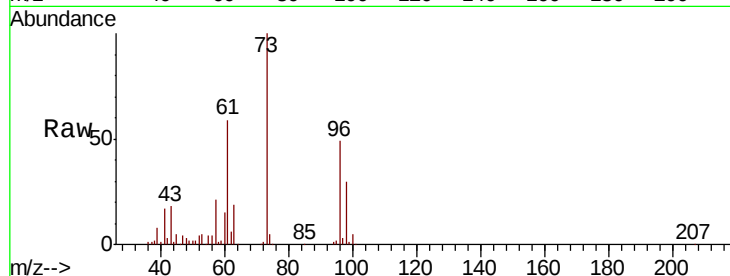




#19
Methvl tert-butvl Ether
Concen: 57.527 ug/l
RT: 5.26 min Scan# 578
Delta R.T. -0.01 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

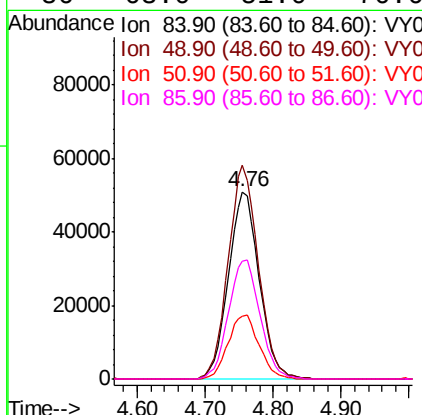
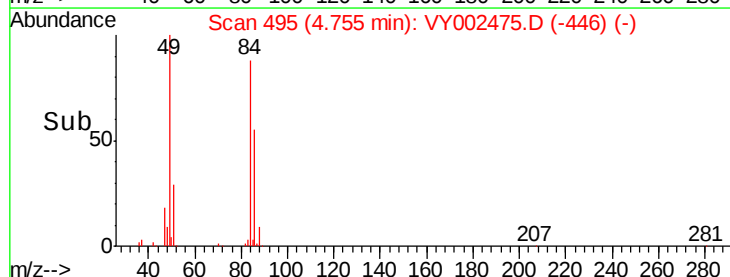
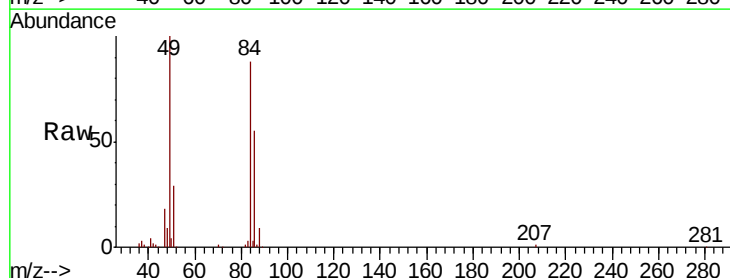
Instrument :
MSVOA_Y
ClientSampleId :

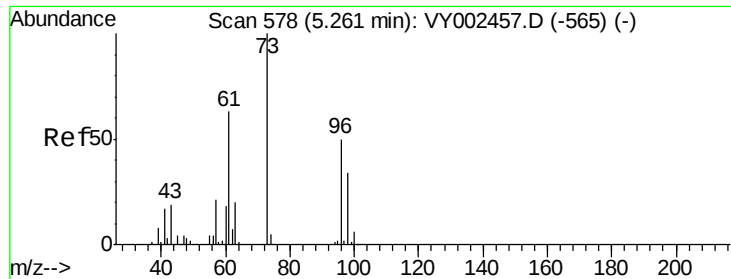
Tot Ion: 73 Resp: 401680
Ion Ratio Lower Upper
73 100
57 20.6 16.0 24.0



#20
Methylene Chloride
Concen: 50.588 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 84 Resp: 159467
Ion Ratio Lower Upper
84 100
49 114.0 86.9 130.3
51 33.3 27.3 40.9
86 63.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 53.982 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

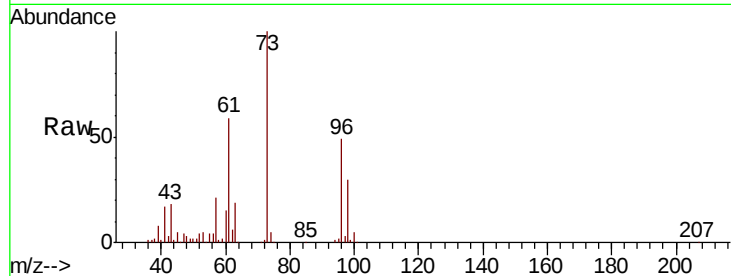
Tot Ion: 96 Resp: 157265

Ion Ratio Lower Upper

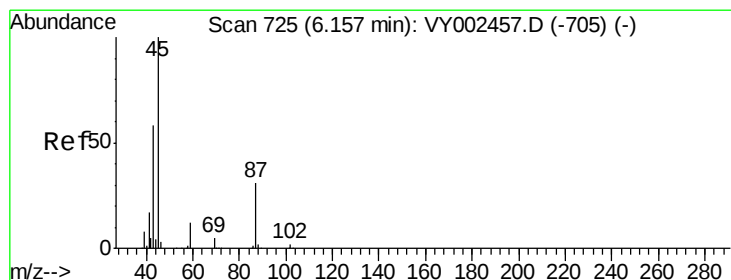
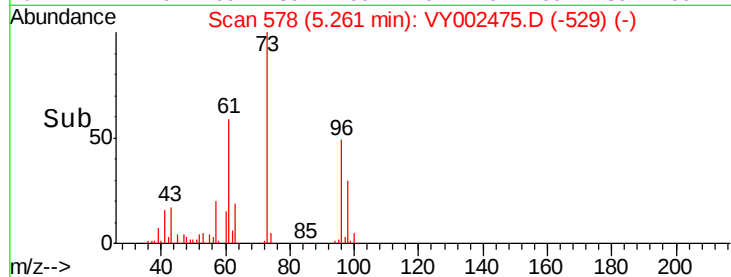
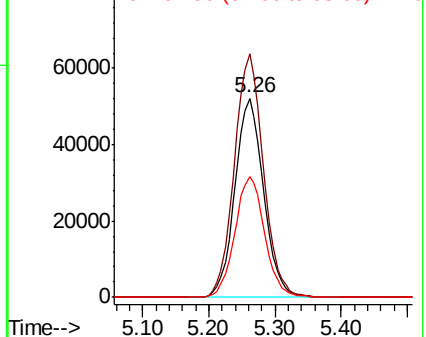
96 100

61 122.1 101.4 152.0

98 60.7 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: 55.372 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Tgt Ion: 45 Resp: 416329

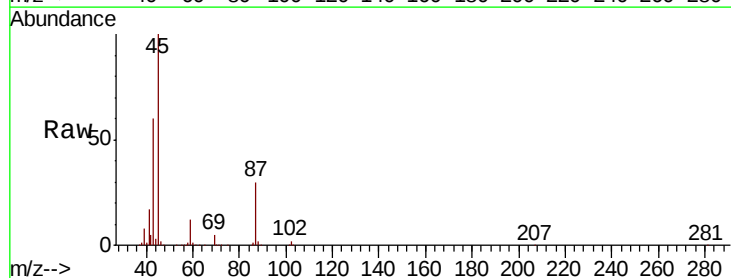
Ion Ratio Lower Upper

45 100

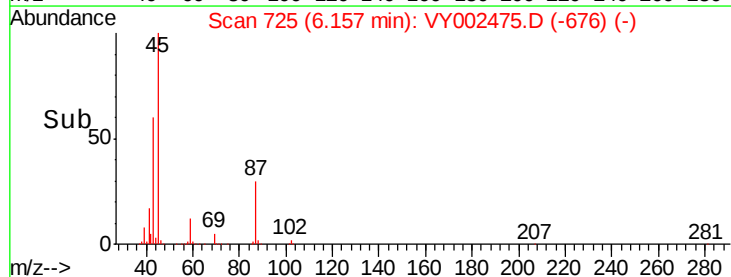
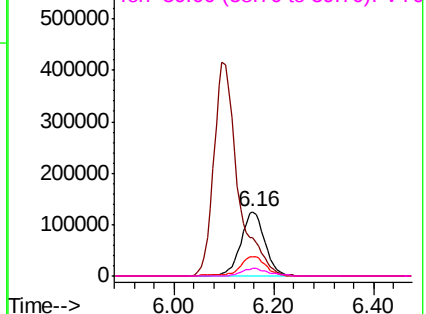
43 59.9 47.1 70.7

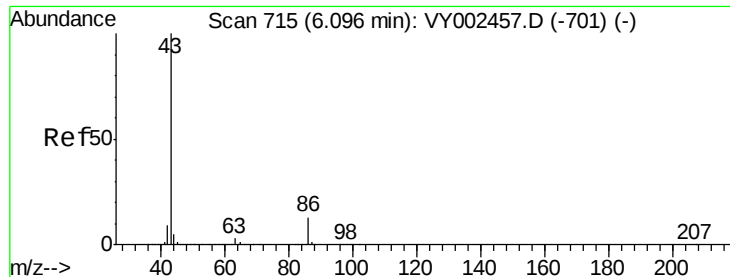
87 30.2 25.0 37.6

59 12.0 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: 292.239 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

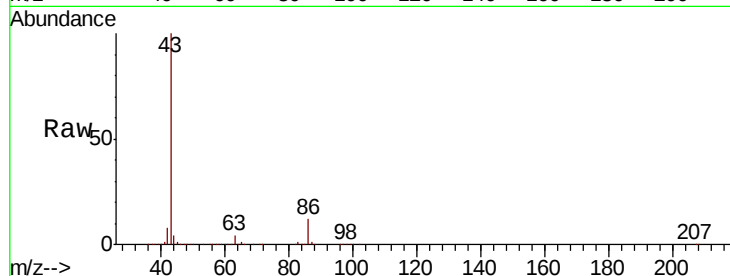
ClientSampleId :

Tot Ion: 43 Resp: 1396220

Ion Ratio Lower Upper

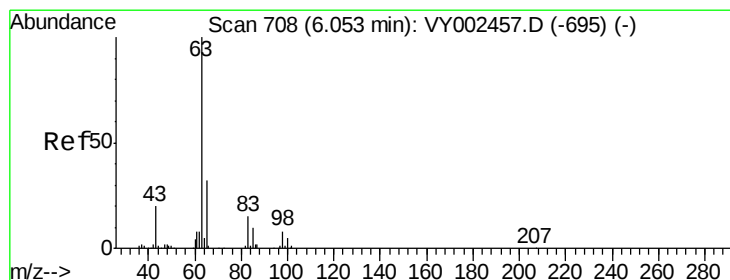
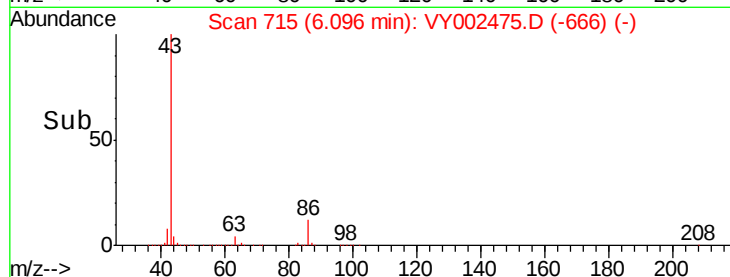
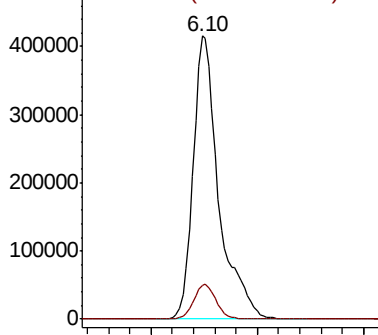
43 100

86 11.8 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: 54.418 ug/l

RT: 6.06 min Scan# 709

Delta R.T. 0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

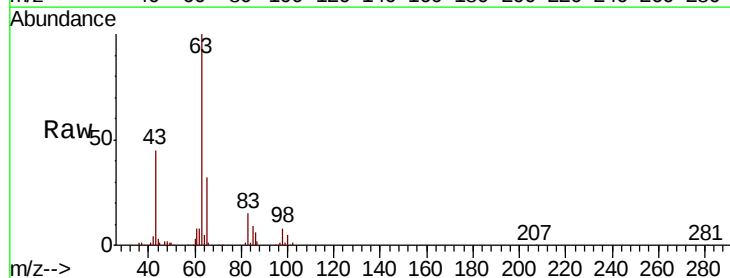
Tgt Ion: 63 Resp: 247717

Ion Ratio Lower Upper

63 100

98 7.7 4.1 12.3

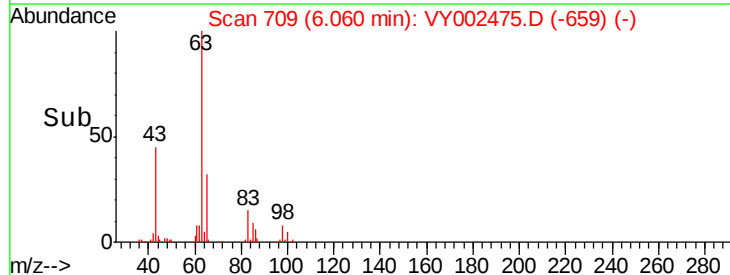
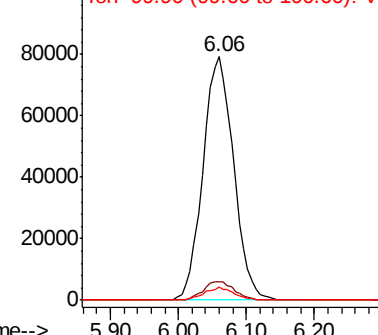
100 5.3 2.5 7.4

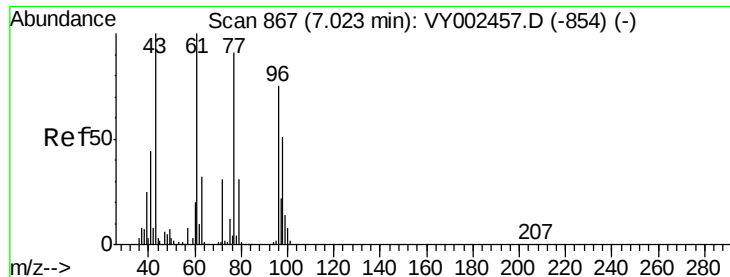


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

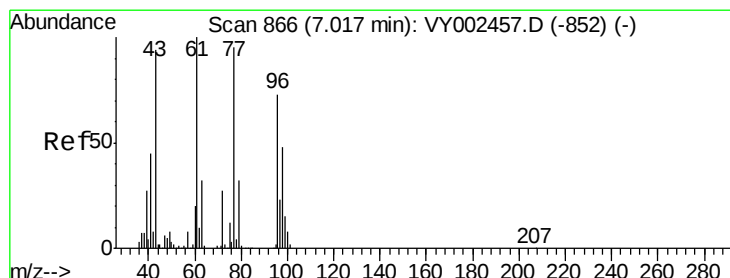
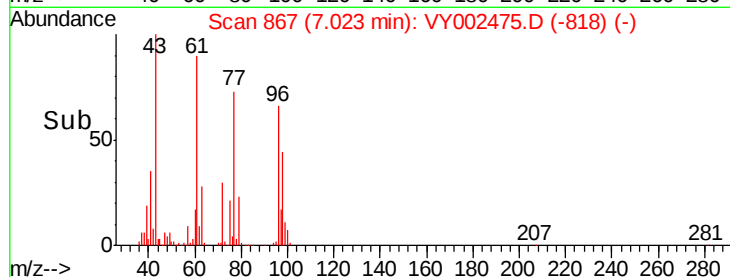
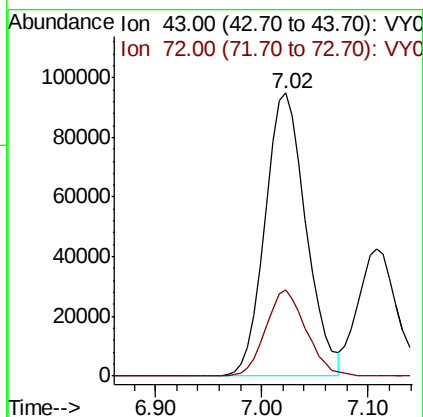
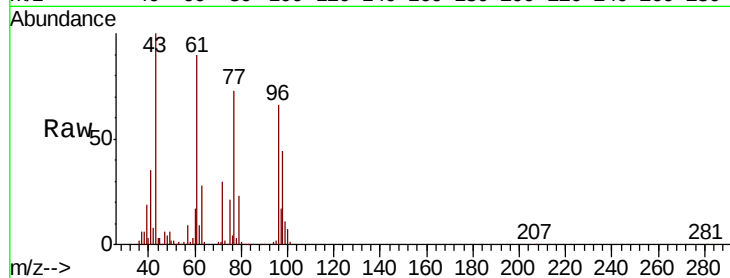




#25
2-Butanone
Concen: 300.326 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

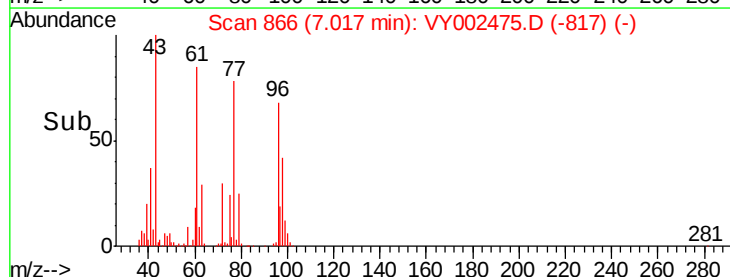
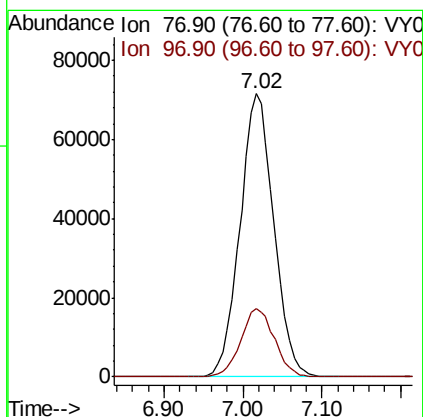
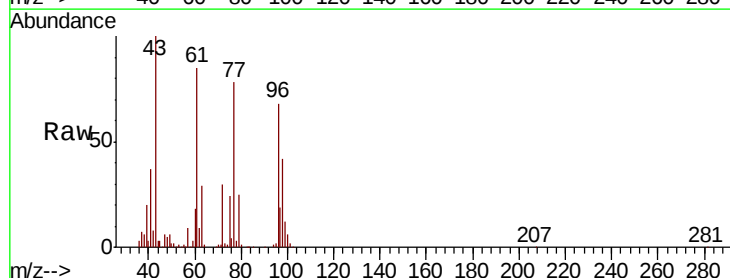
Instrument :
MSVOA_Y
ClientSampled :

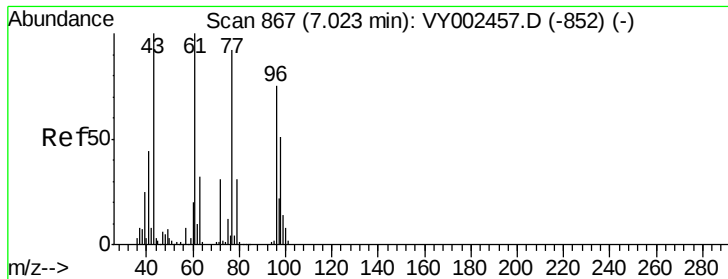
Tot Ion: 43 Resp: 254036
Ion Ratio Lower Upper
43 100
72 30.5 24.8 37.2



#26
2,2-Dichloropropane
Concen: 48.799 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 77 Resp: 212446
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0



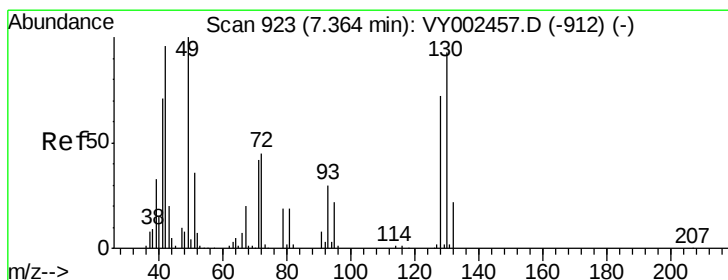
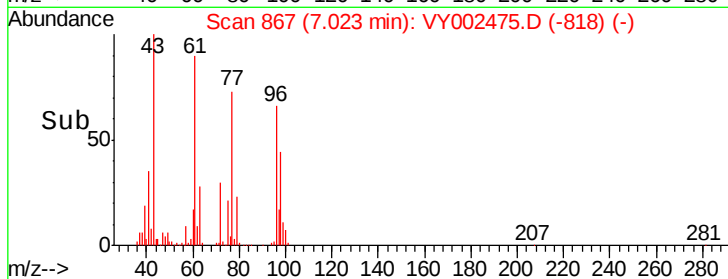
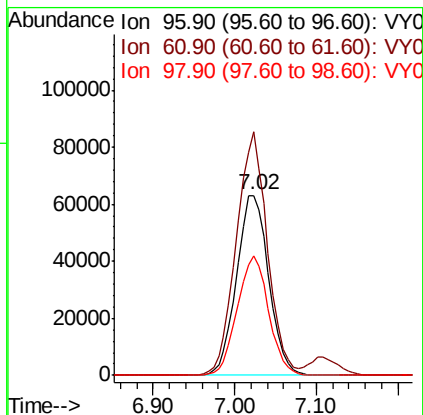
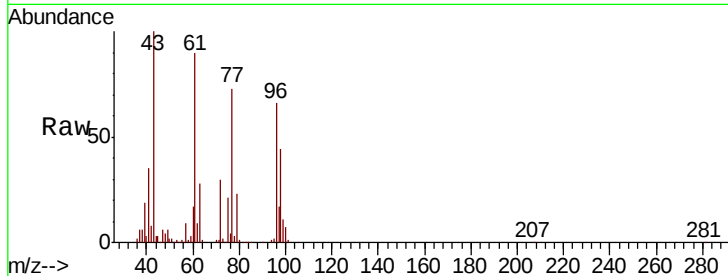


#27

cis-1,2-Dichloroethene
 Concen: 54.439 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Instrument :
 MSVOA_Y
 ClientSampleId :

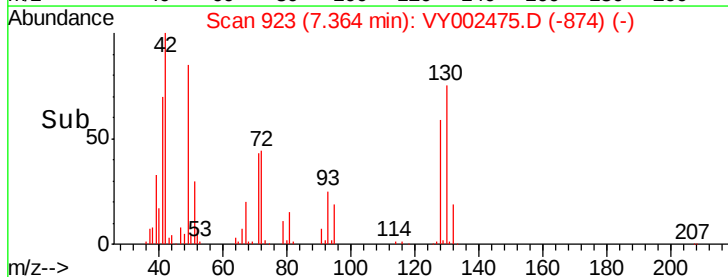
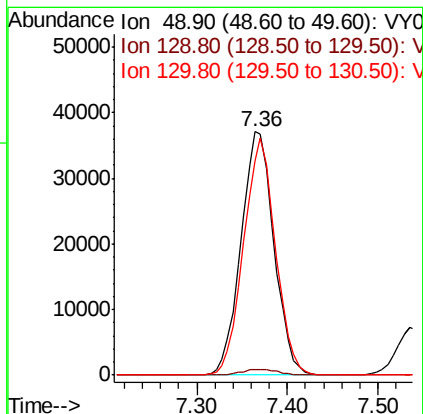
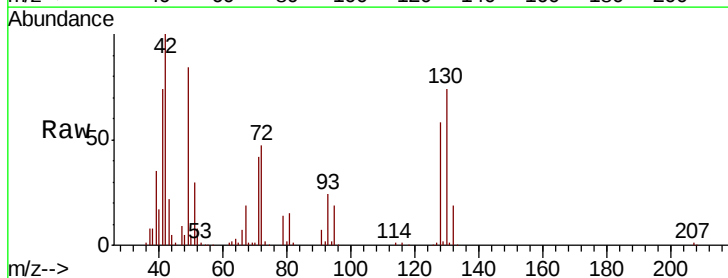
Tot Ion: 96 Resp: 172498
 Ion Ratio Lower Upper
 96 100
 61 130.7 0.0 262.6
 98 64.7 0.0 131.0

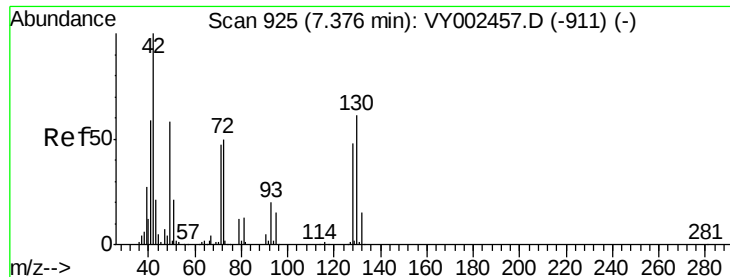


#28

Bromochloromethane
 Concen: 52.732 ug/l
 RT: 7.36 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Tgt Ion: 49 Resp: 93647
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.6
 130 93.7 76.3 114.5

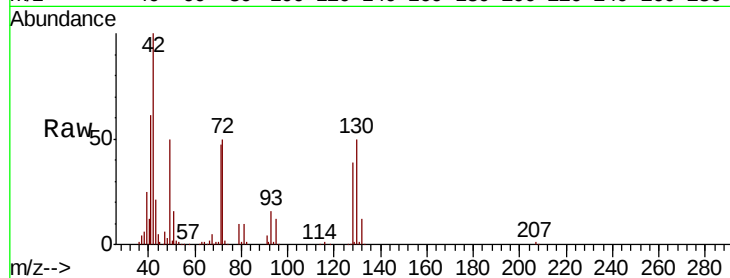




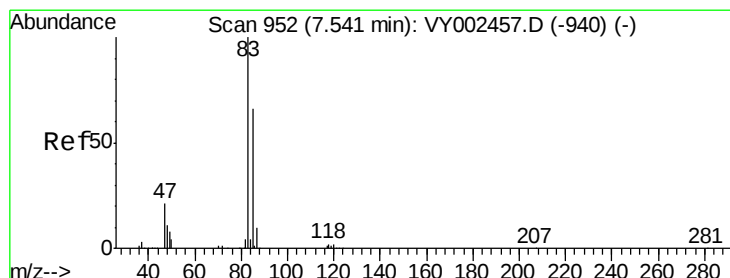
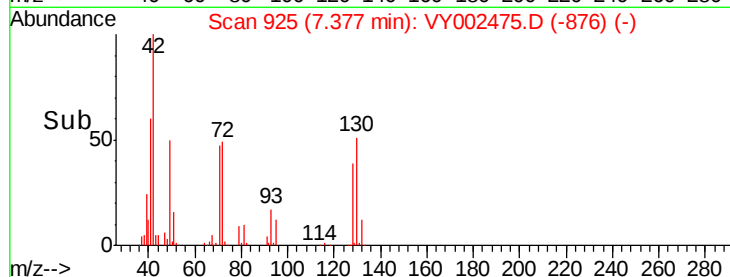
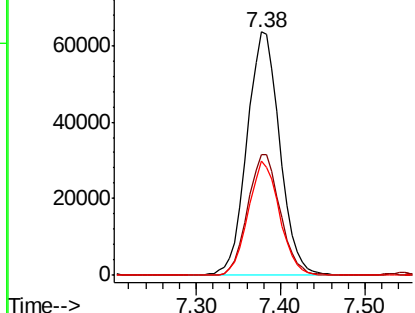
#29
Tetrahydrofuran
Concen: 300.251 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	39.5	59.3
71	44.8	37.6	56.4

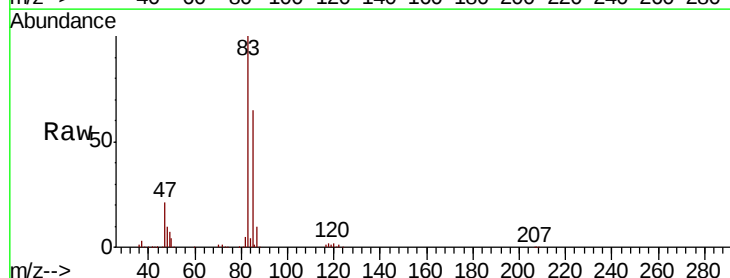


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

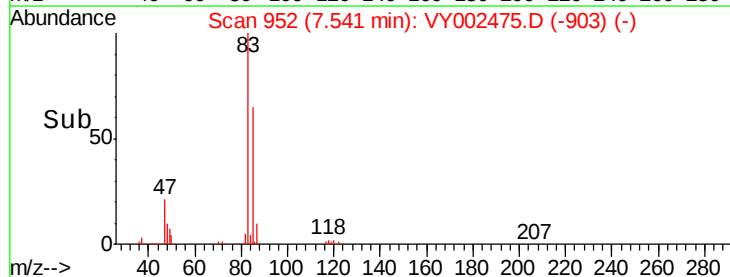
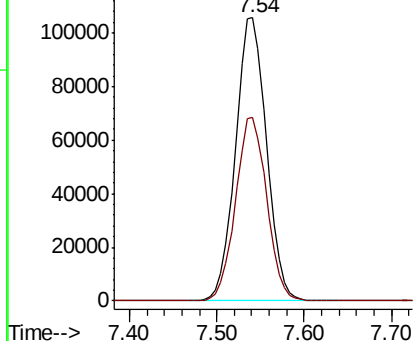


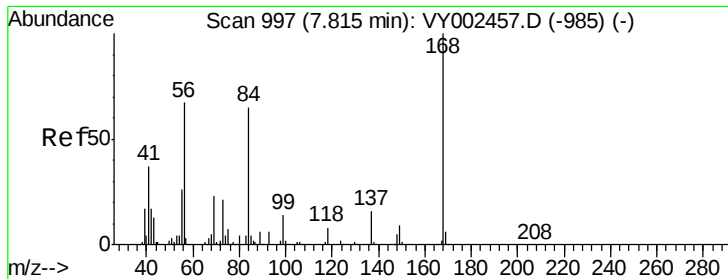
#30
Chloroform
Concen: 53.675 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.4	78.6



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

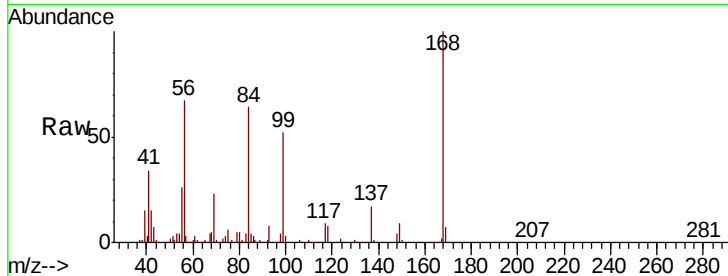




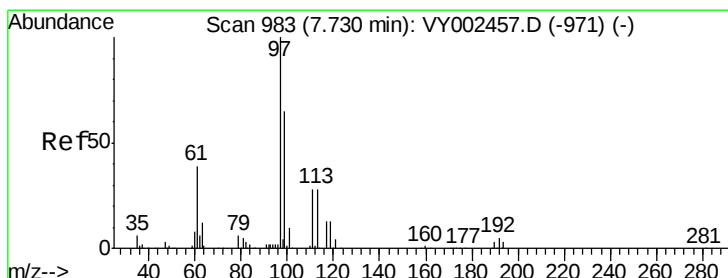
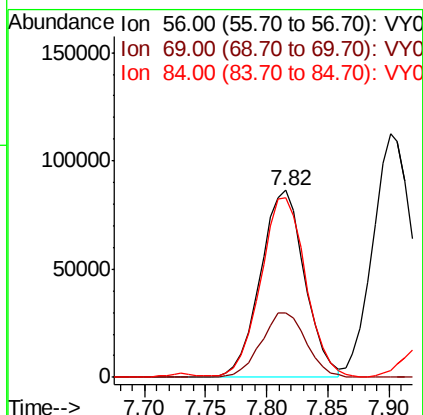
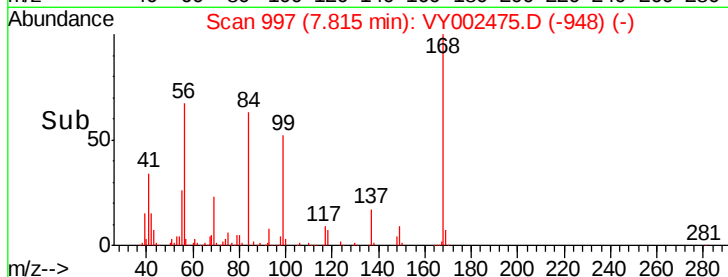
#31
Cyclohexane
Concen: 47.836 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 217749
Ion Ratio Lower Upper
56 100
69 34.7 27.0 40.6
84 94.5 77.4 116.2

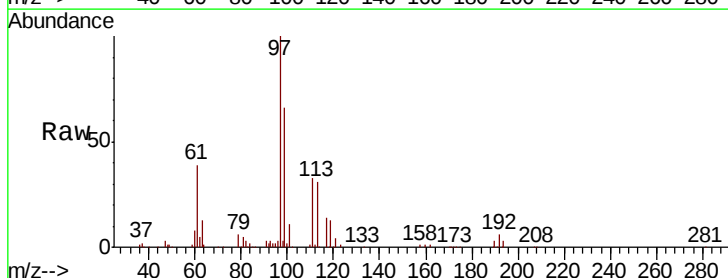


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

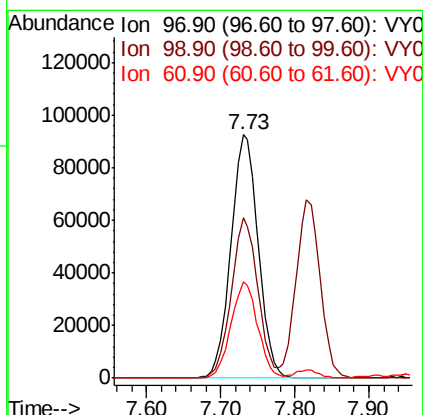
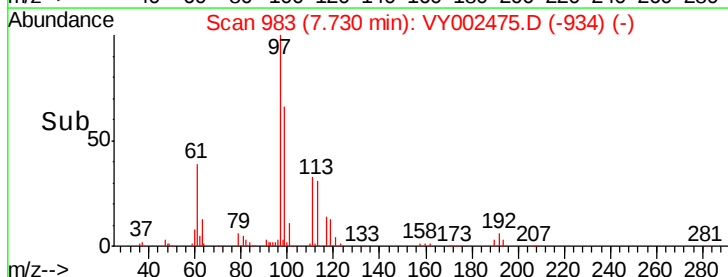


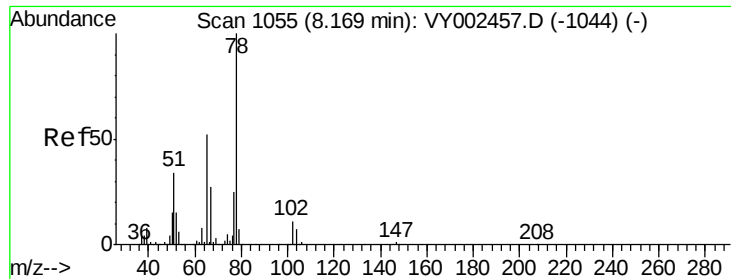
#32
1,1,1-Trichloroethane
Concen: 51.807 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 97 Resp: 237266
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 38.9 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

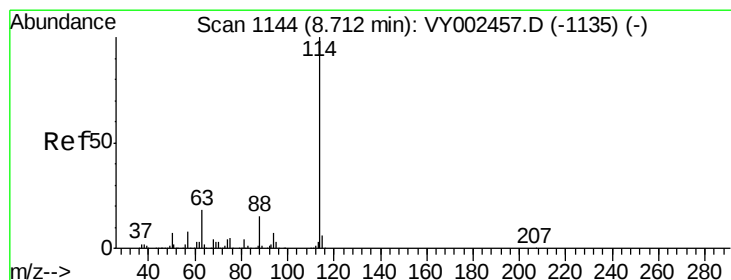
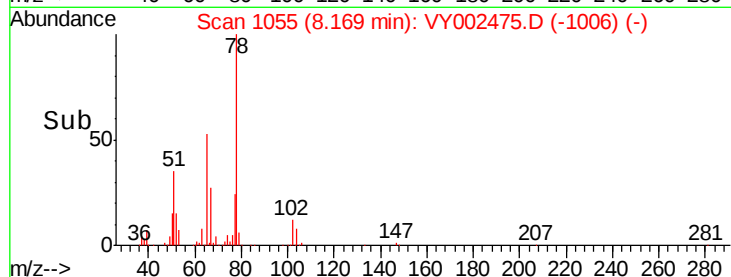
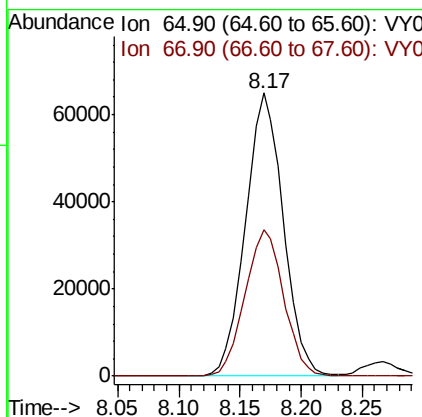
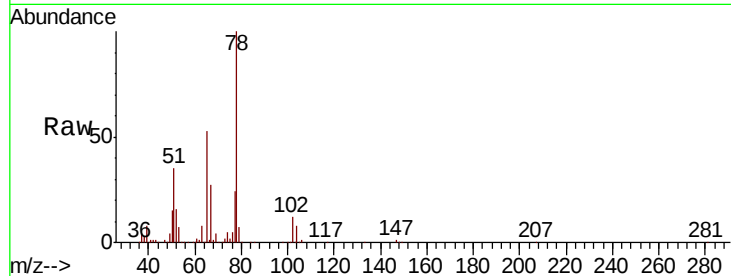




#33
 1,2-Dichloroethane-d4
 Concen: 52.796 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

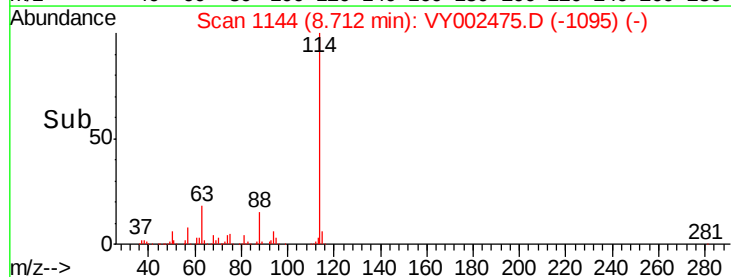
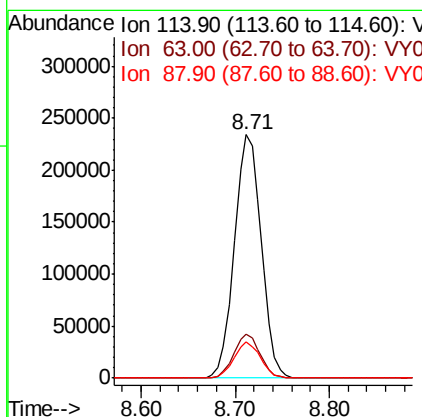
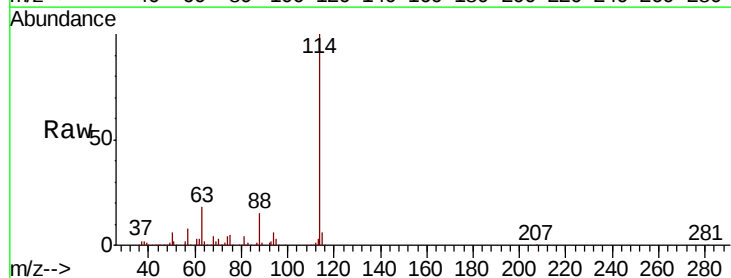
Instrument :
 MSVOA_Y
 ClientSampleId :

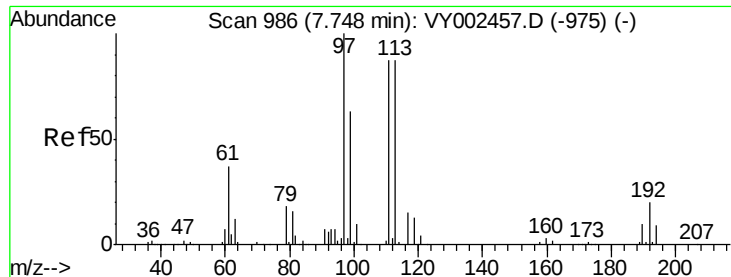
Tot Ion: 65 Resp: 139486
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Tgt Ion: 114 Resp: 463209
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.6
 88 14.7 0.0 29.4

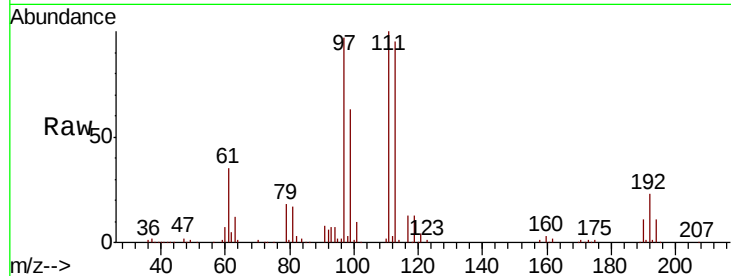




#35
 Dibromofluoromethane
 Concen: 52.186 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	22.9	18.6	27.8

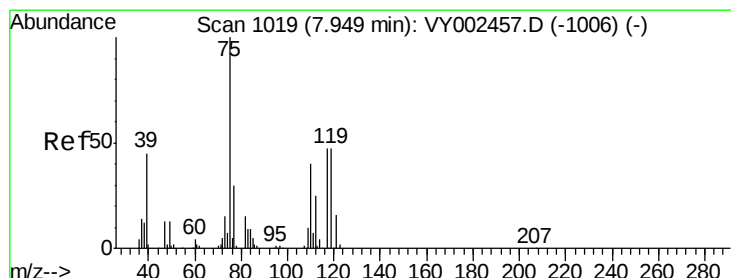
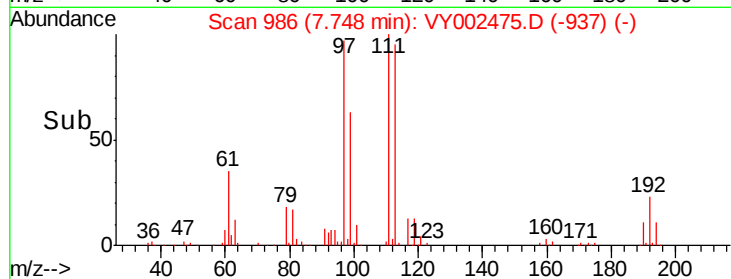
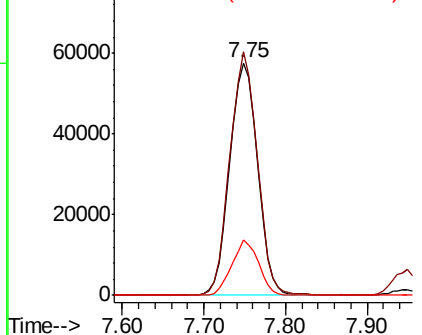


Abundance

Ion 112.80 (112.50 to 113.50): V

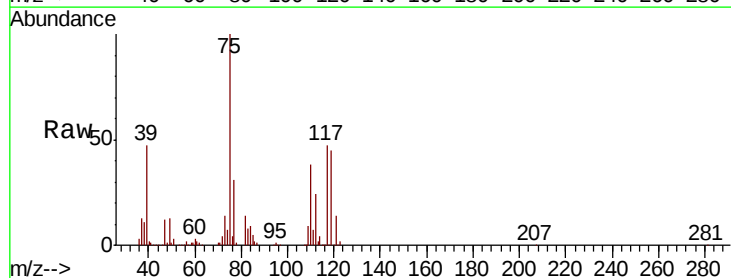
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 49.872 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.4	58.4
77	30.8	24.7	37.1

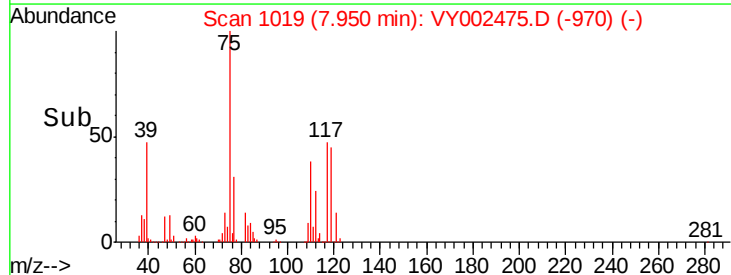
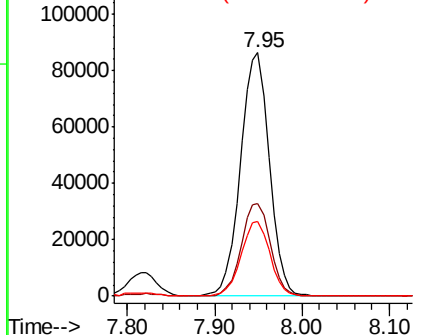


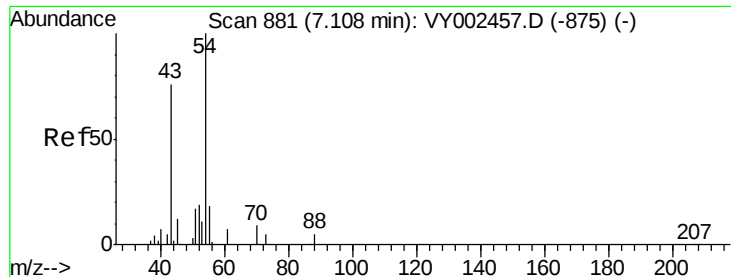
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

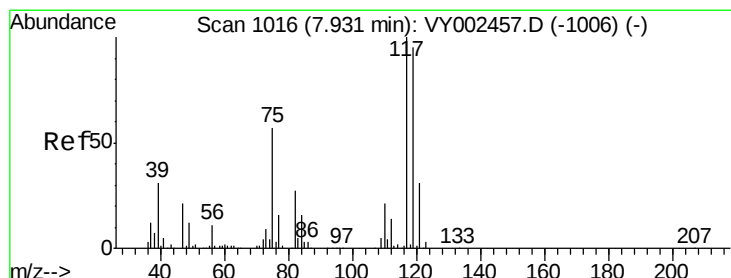
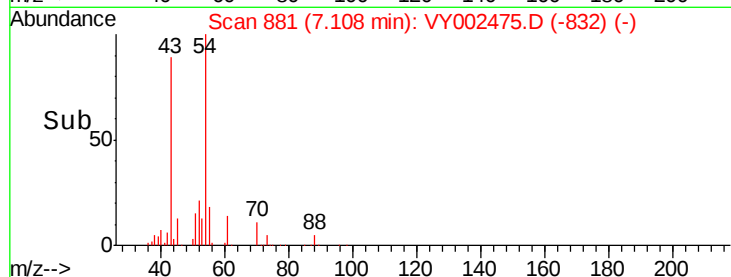
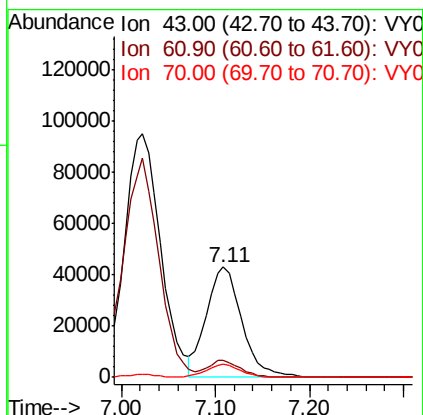
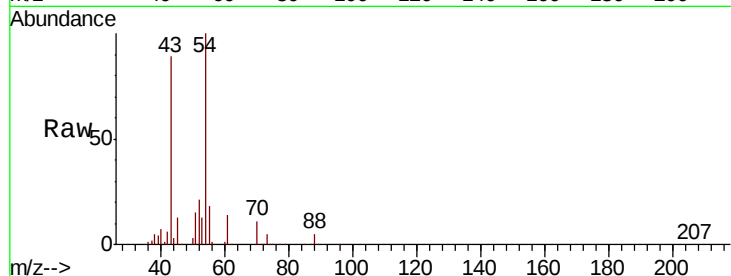




#37
Ethyl Acetate
Concen: 56.163 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

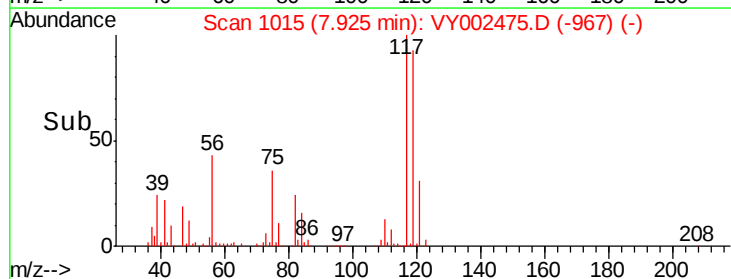
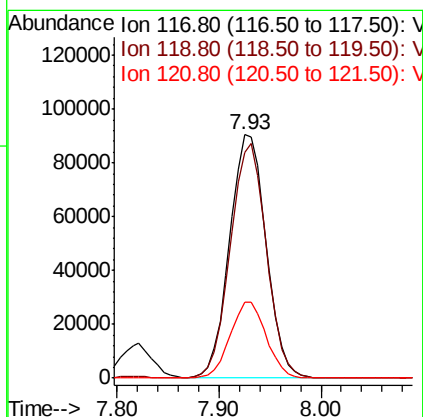
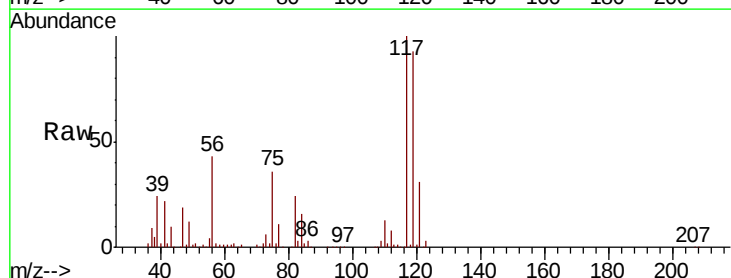
Instrument :
MSVOA_Y
ClientSampled :

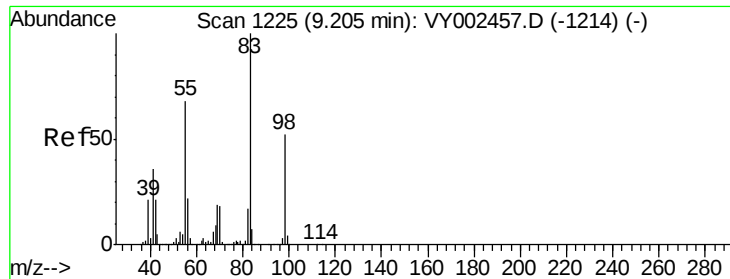
Tot Ion: 43 Resp: 112066
Ion Ratio Lower Upper
43 100
61 14.6 11.8 17.8
70 11.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.148 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 117 Resp: 224478
Ion Ratio Lower Upper
117 100
119 92.6 75.9 113.9
121 31.1 24.5 36.7

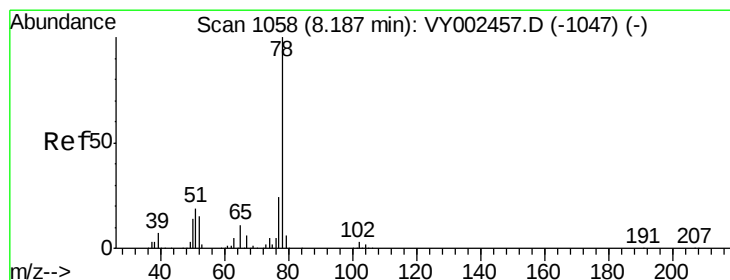
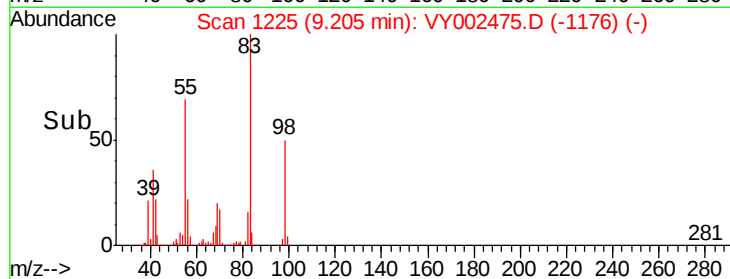
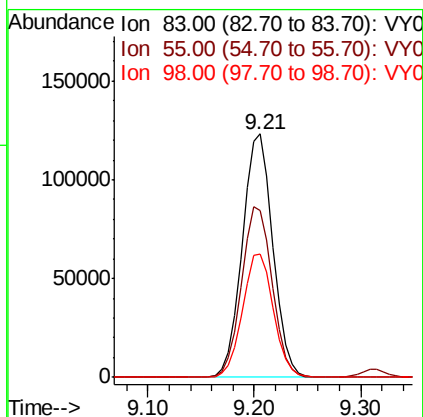
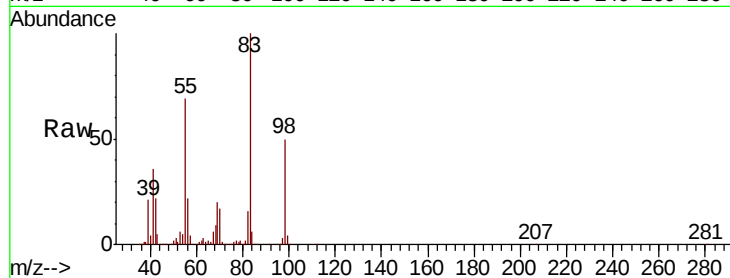




#39
Methylvlcvclohexane
Concen: 48.067 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

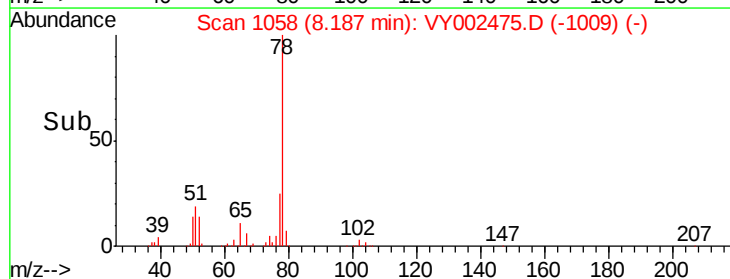
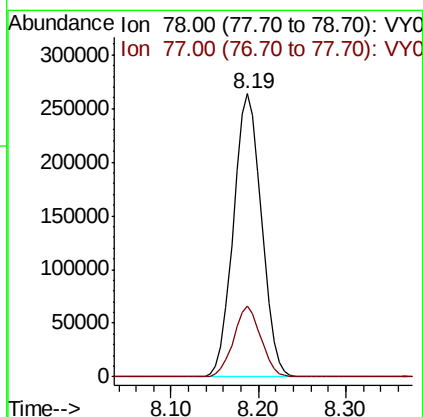
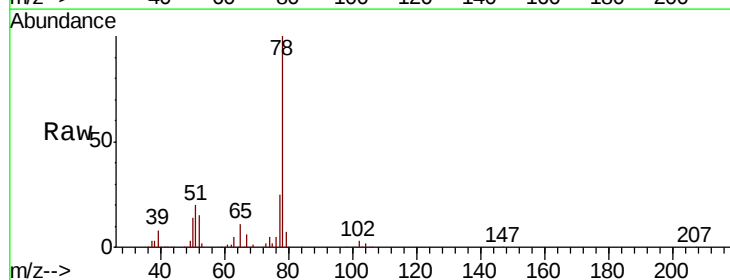
Instrument :
MSVOA_Y
ClientSampleId :

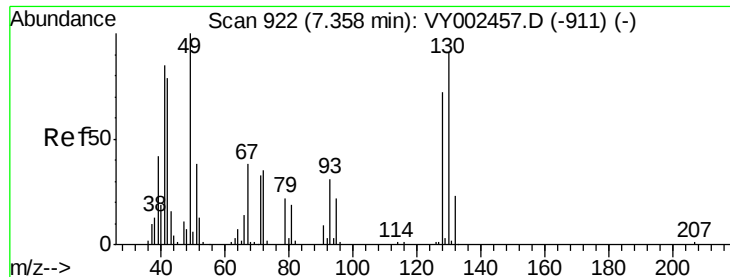
Tot Ion: 83 Resp: 249043
Ion Ratio Lower Upper
83 100
55 68.7 54.2 81.2
98 50.4 41.9 62.9



#40
Benzene
Concen: 51.358 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 78 Resp: 589584
Ion Ratio Lower Upper
78 100
77 25.3 19.4 29.0

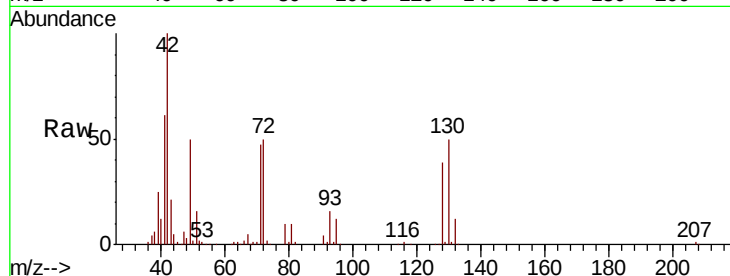




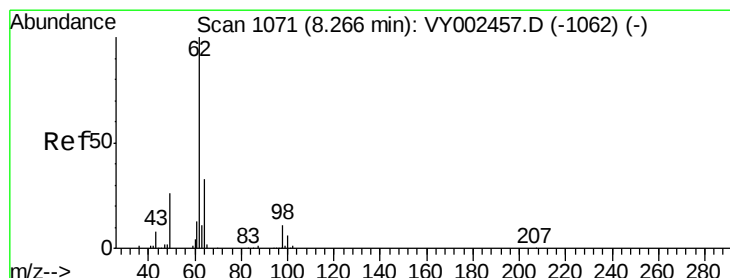
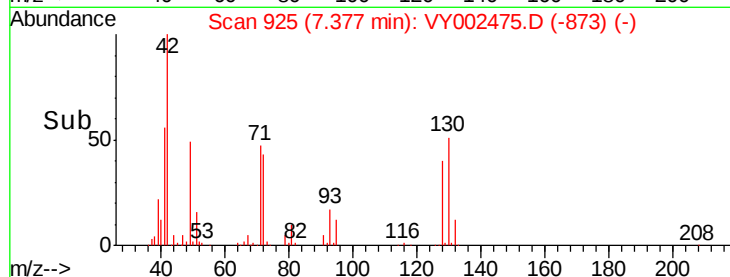
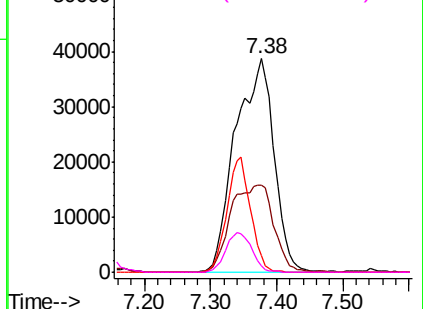
#41
Methacrylonitrile
Concen: 127.204 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.02 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 156377
Ion Ratio Lower Upper
41 100
39 45.7 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

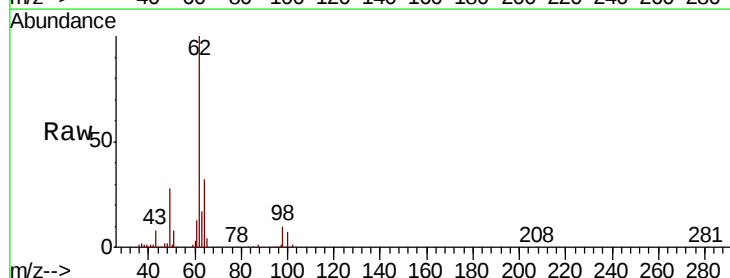


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

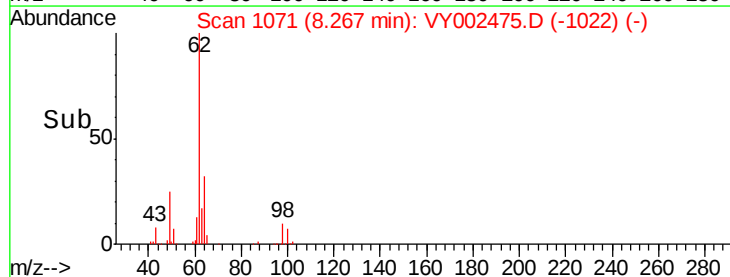
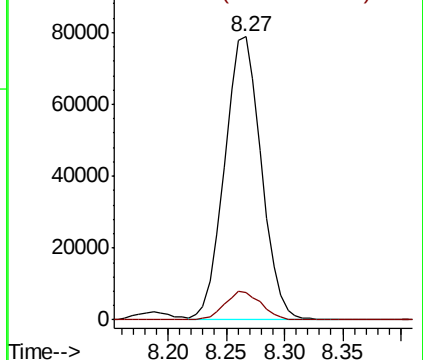


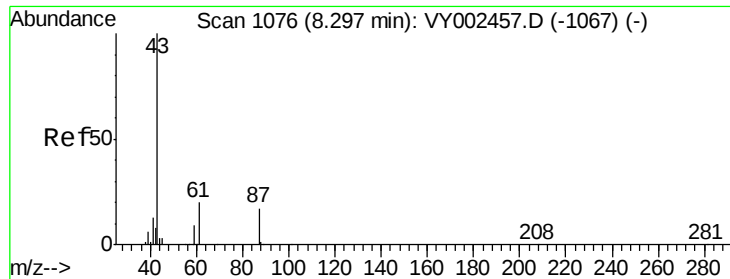
#42
1,2-Dichloroethane
Concen: 51.842 ug/l
RT: 8.27 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 62 Resp: 172882
Ion Ratio Lower Upper
62 100
98 10.1 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: 56.035 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

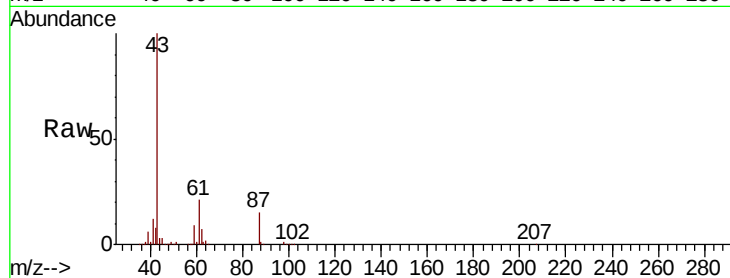
Tot Ion: 43 Resp: 209125

Ion Ratio Lower Upper

43 100

61 30.5 25.0 37.4

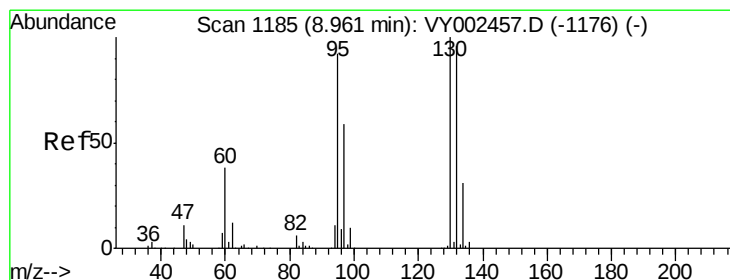
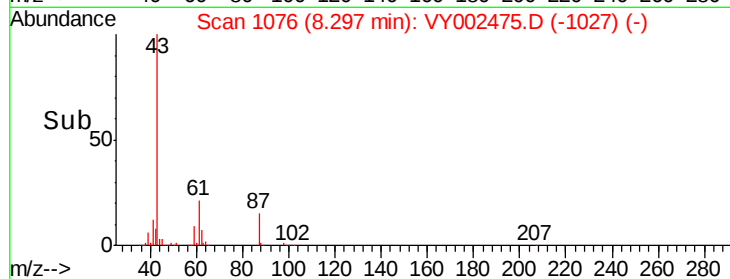
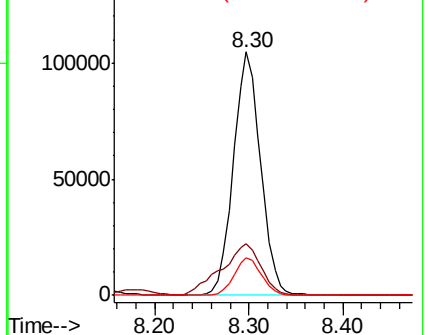
87 15.6 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 50.871 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY002475.D

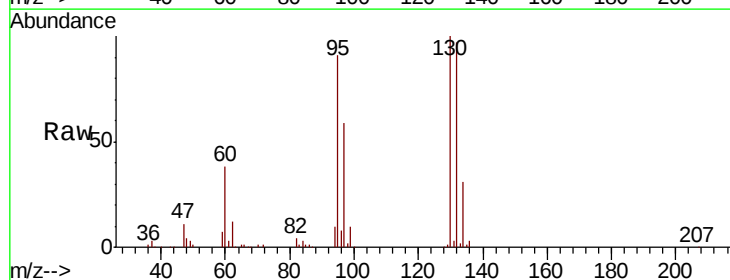
Acq: 23 Apr 2020 21:07

Tgt Ion:130 Resp: 182605

Ion Ratio Lower Upper

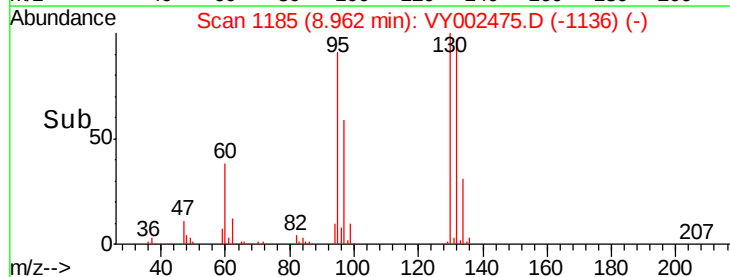
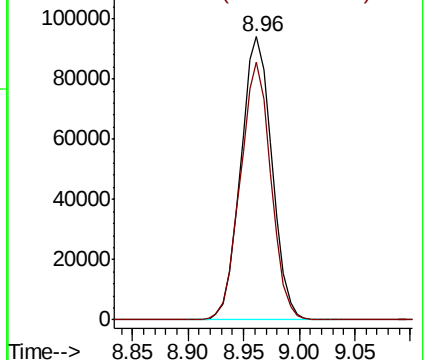
130 100

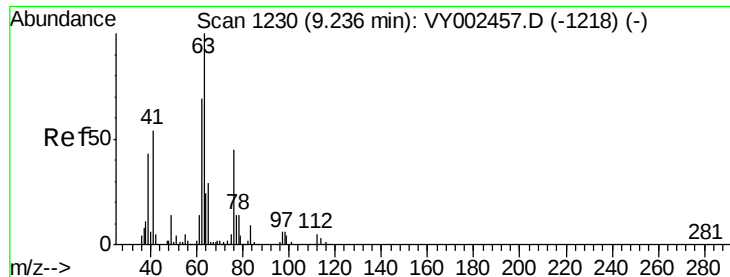
95 91.1 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 53.042 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

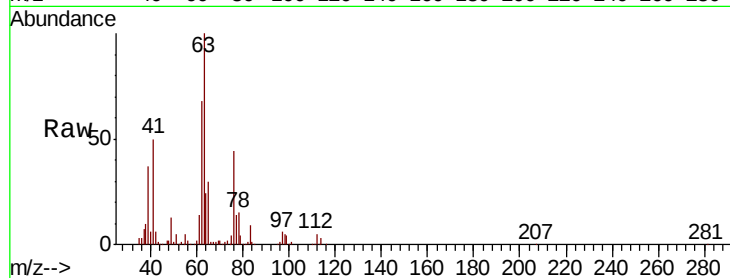
ClientSampleId :

Tot Ion: 63 Resp: 140337

Ion Ratio Lower Upper

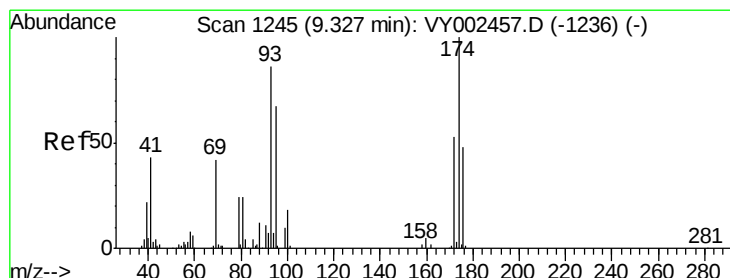
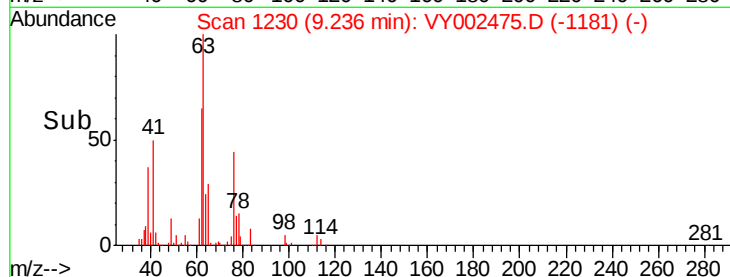
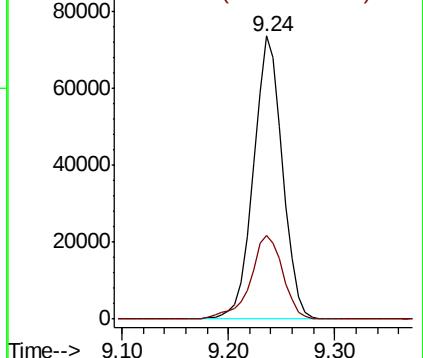
63 100

65 29.8 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: 53.882 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

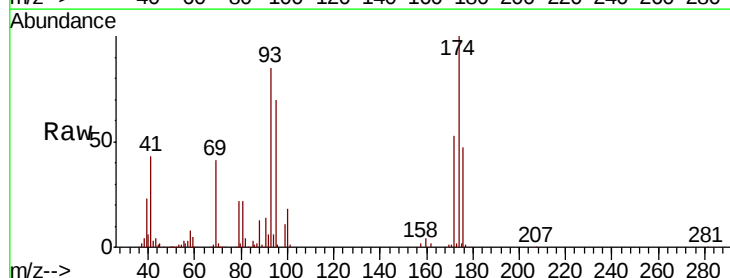
Tgt Ion: 93 Resp: 83407

Ion Ratio Lower Upper

93 100

95 83.9 65.4 98.0

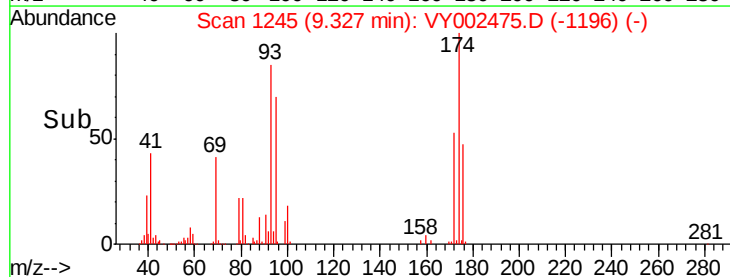
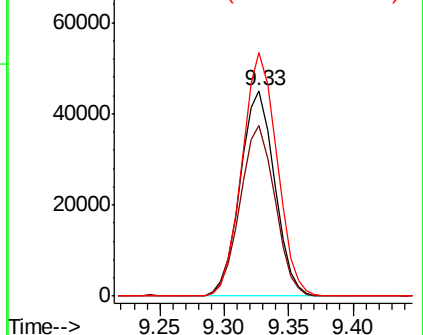
174 120.1 94.8 142.2

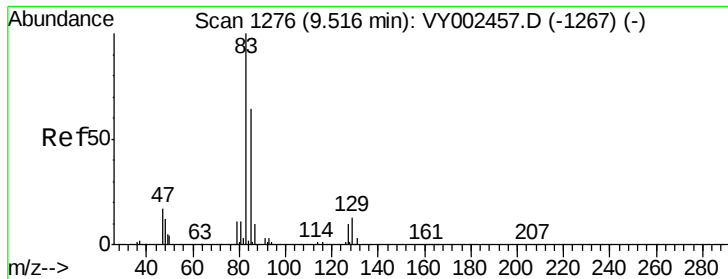


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.771 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

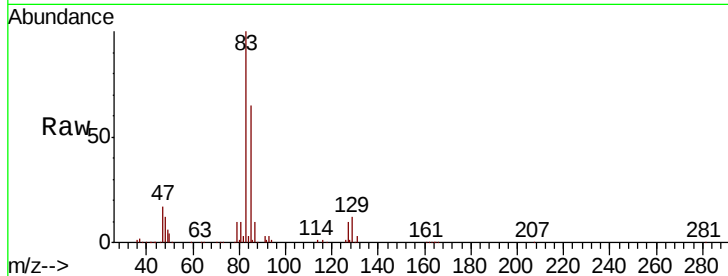
Tot Ion: 83 Resp: 204279

Ion Ratio Lower Upper

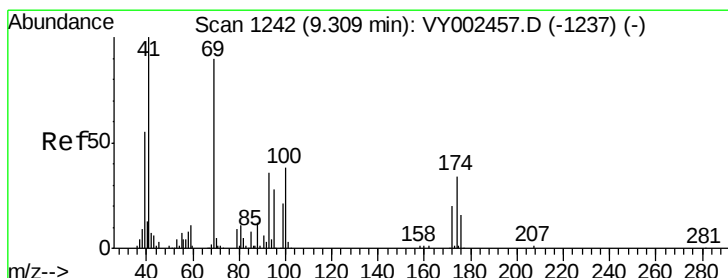
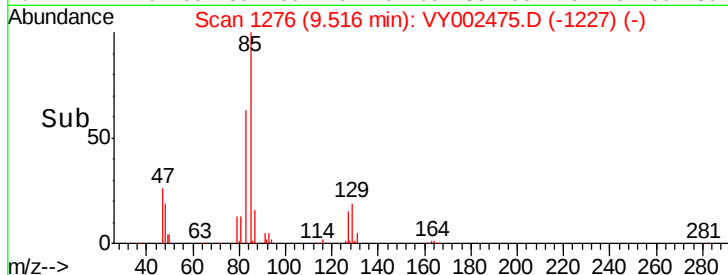
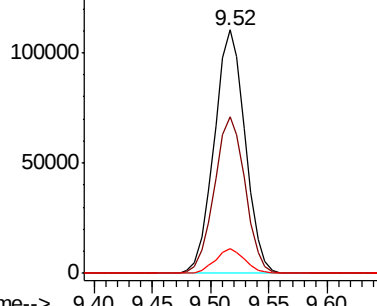
83 100

85 64.5 51.2 76.8

127 10.0 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): VY0



#48

Methyl methacrylate

Concen: 55.463 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

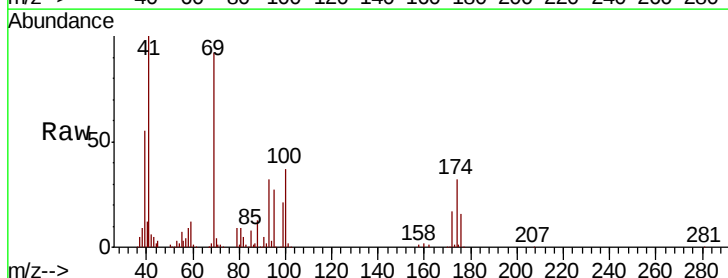
Tgt Ion: 41 Resp: 94493

Ion Ratio Lower Upper

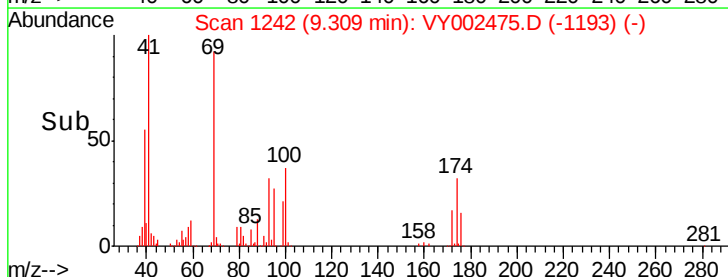
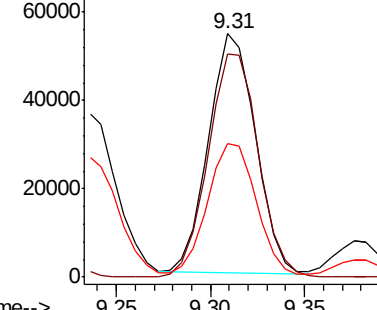
41 100

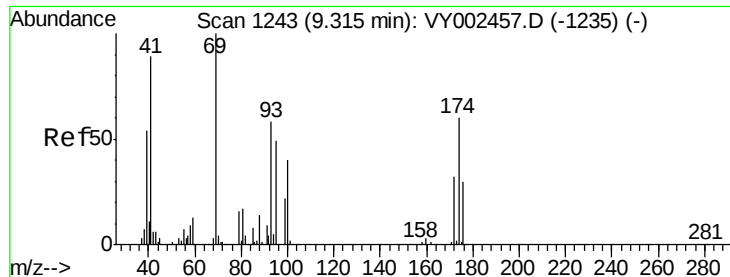
69 99.2 77.9 116.9

39 58.5 47.9 71.9



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

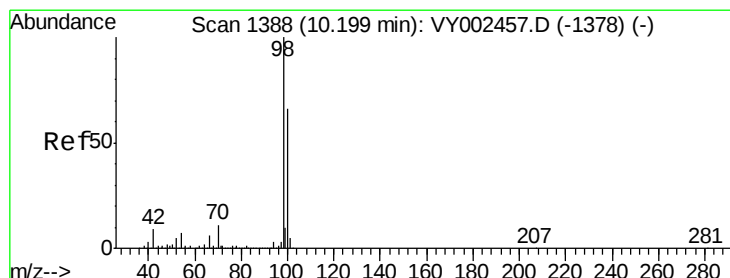
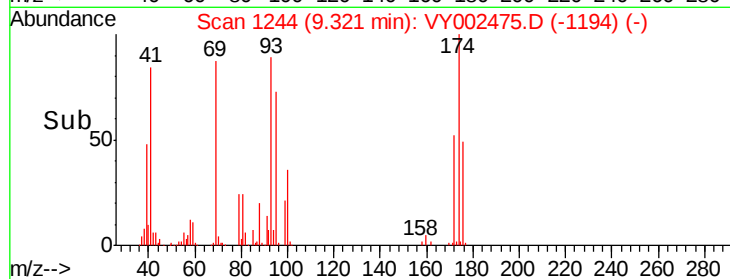
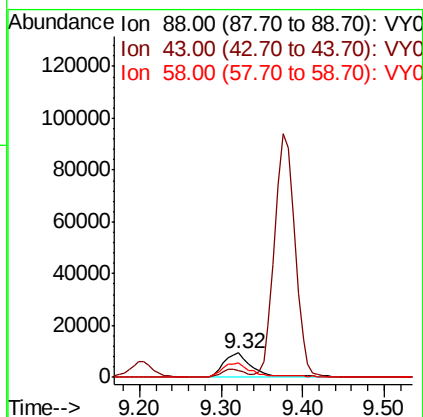
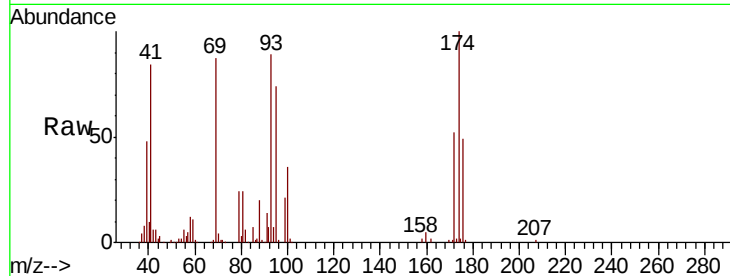




#49
1,4-Dioxane
Concen: 1215.625 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

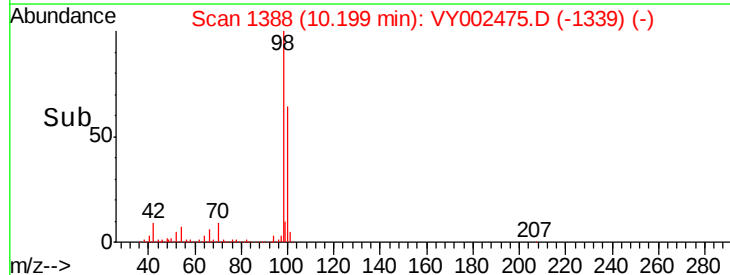
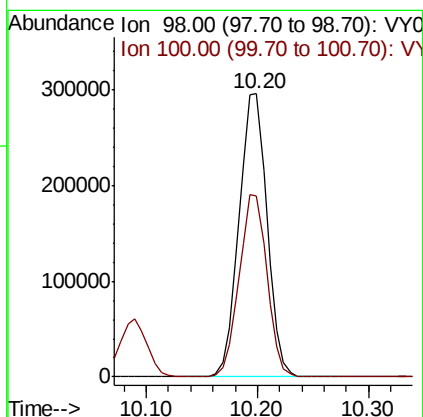
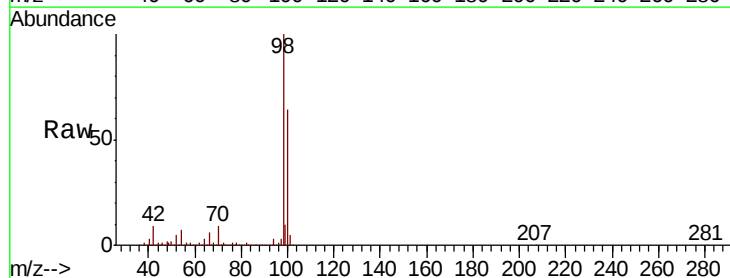
Instrument :
MSVOA_Y
ClientSampleId :

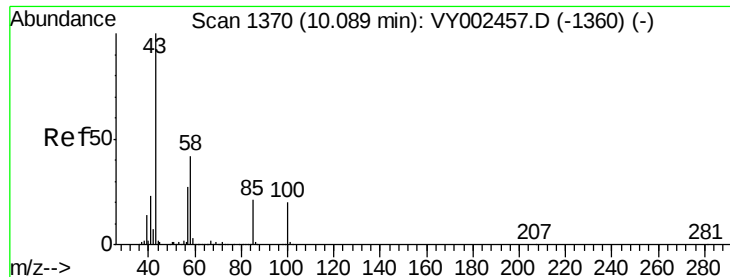
Tot Ion: 88 Resp: 23981
Ion Ratio Lower Upper
88 100
43 24.0 22.9 34.3
58 55.3 49.5 74.3



#50
Toluene-d8
Concen: 49.161 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 98 Resp: 516251
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

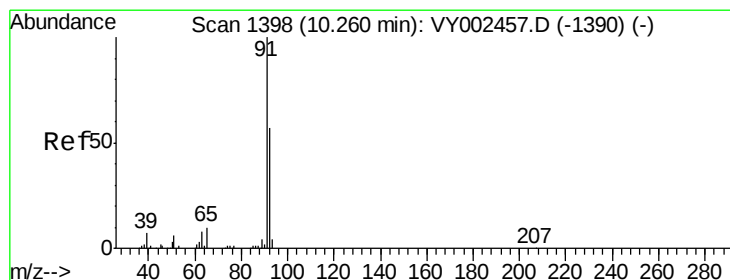
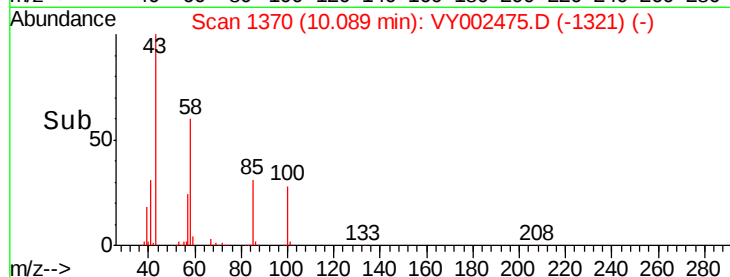
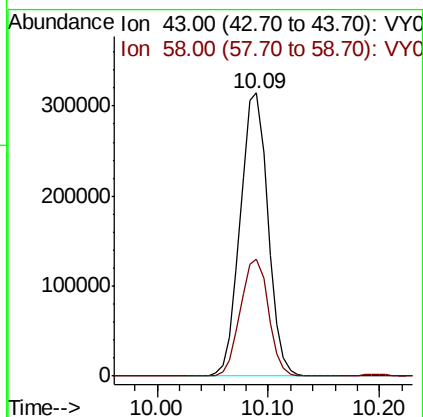
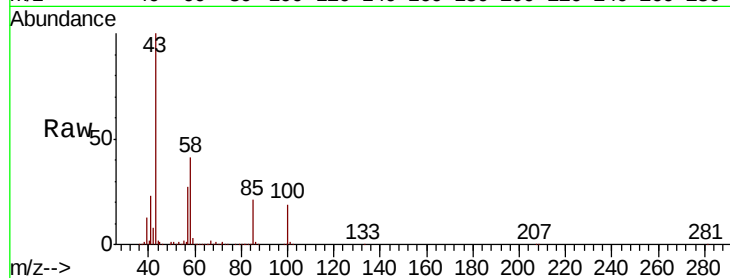




#51
4-Methyl-2-Pentanone
Concen: 281.109 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

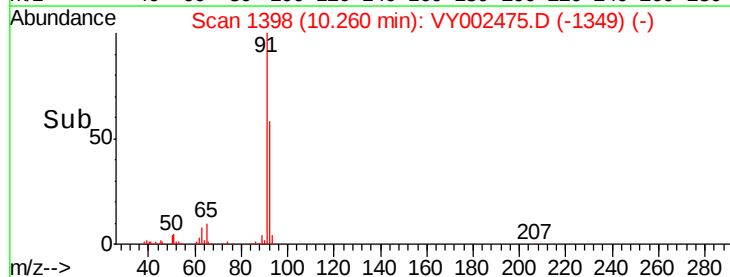
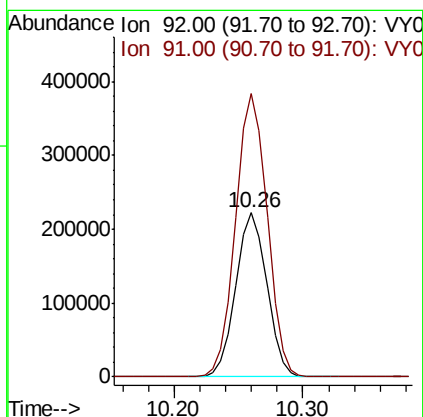
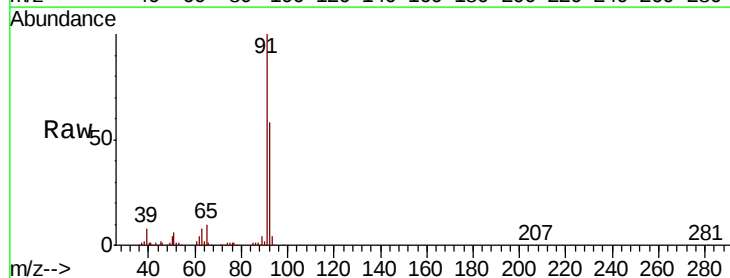
Instrument :
MSVOA_Y
ClientSampleId :

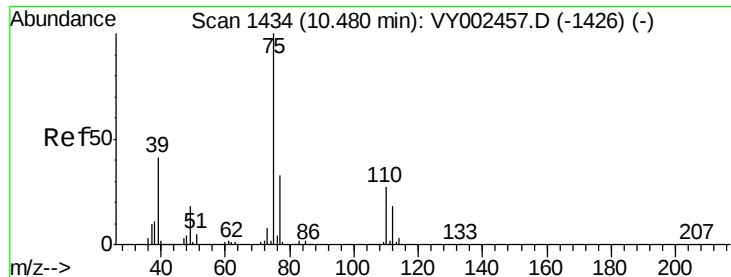
Tot Ion: 43 Resp: 544918
Ion Ratio Lower Upper
43 100
58 41.8 33.2 49.8



#52
Toluene
Concen: 50.394 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 92 Resp: 372393
Ion Ratio Lower Upper
92 100
91 175.5 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 53.494 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

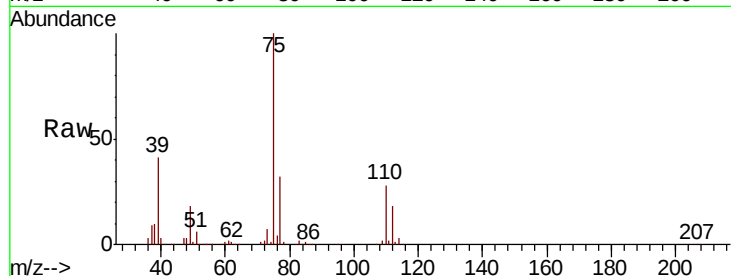
ClientSampled :

Tot Ion: 75 Resp: 217471

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.48

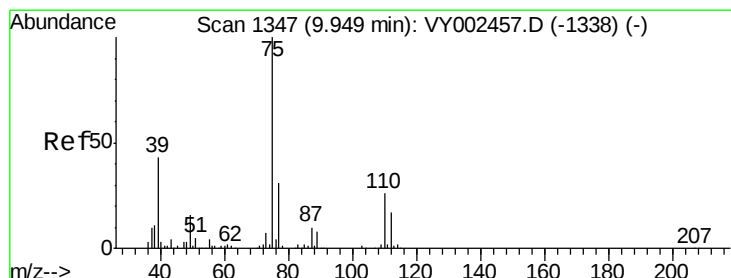
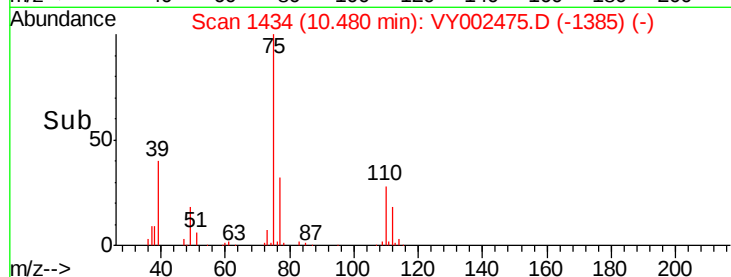
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.274 ug/l

RT: 9.95 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

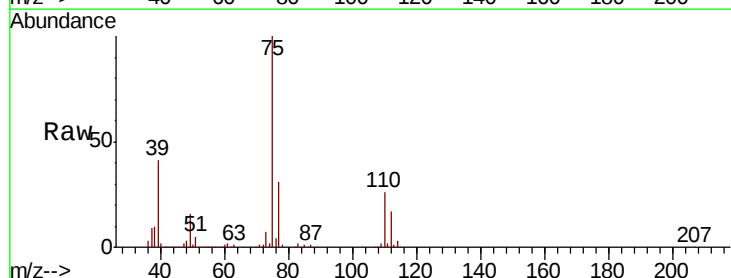
Tgt Ion: 75 Resp: 243235

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

39 41.3 34.2 51.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.95

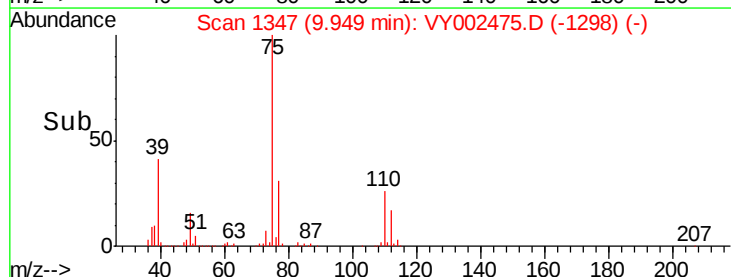
150000

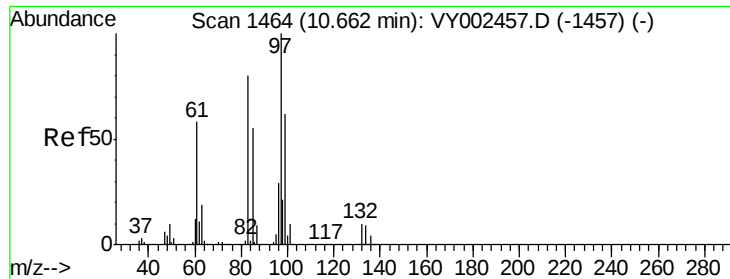
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 53.587 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 97 Resp: 122647

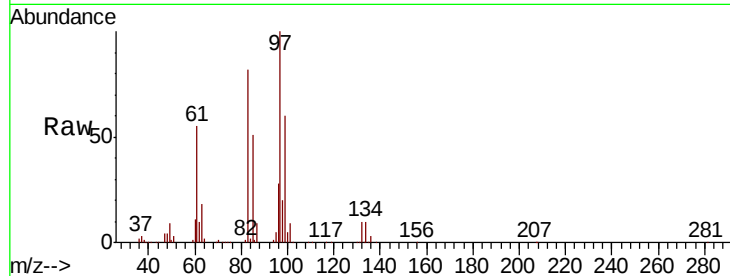
Ion Ratio Lower Upper

97 100

83 81.5 63.8 95.8

85 51.3 43.9 65.9

99 60.5 49.8 74.6

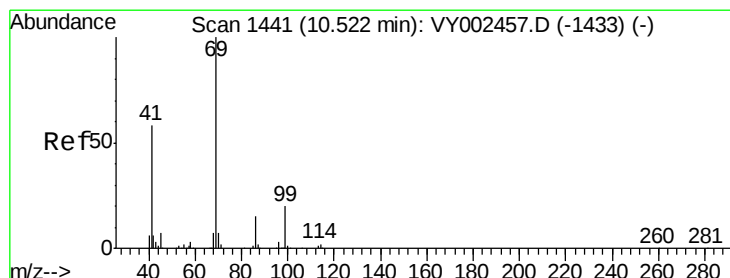
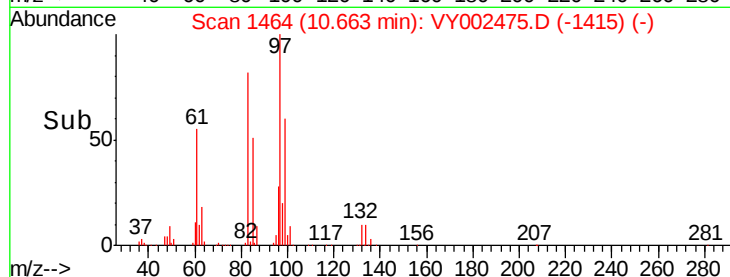
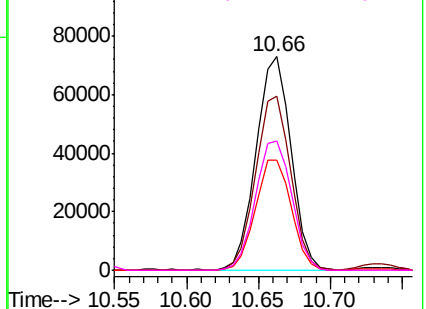


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 55.227 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

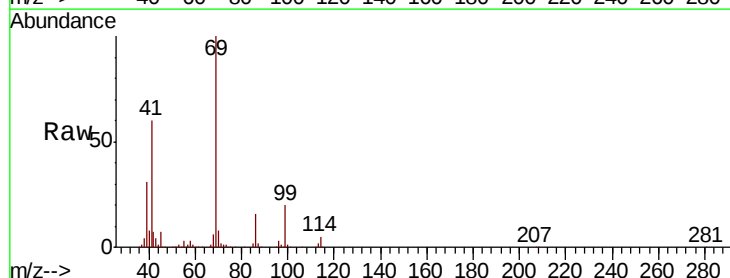
Tgt Ion: 69 Resp: 172712

Ion Ratio Lower Upper

69 100

41 59.3 47.5 71.3

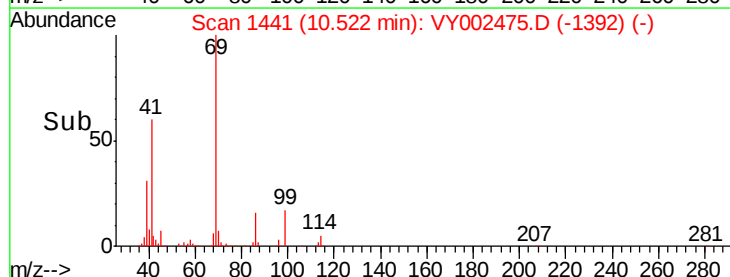
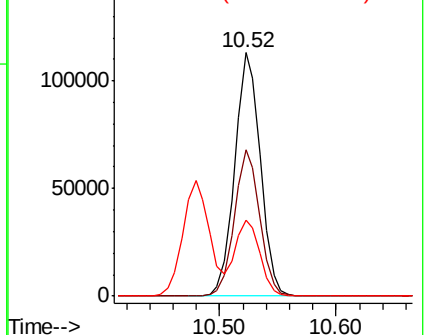
39 30.3 25.7 38.5

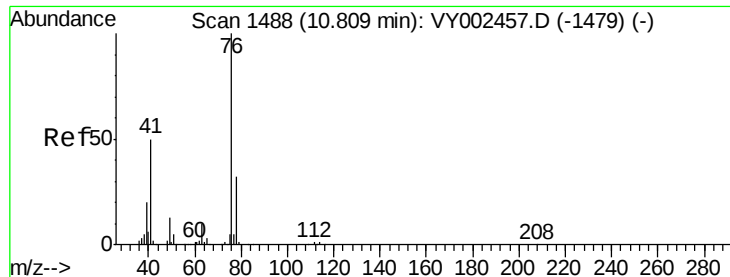


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 53.082 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

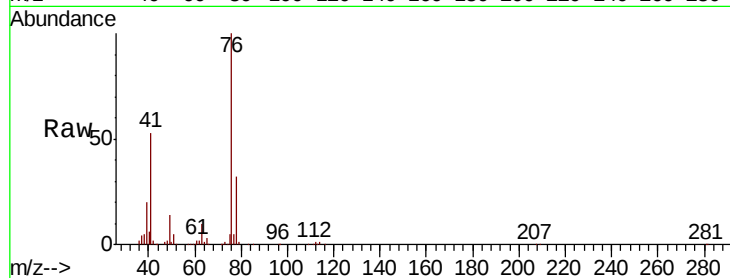
ClientSampleId :

Tot Ion: 76 Resp: 205114

Ion Ratio Lower Upper

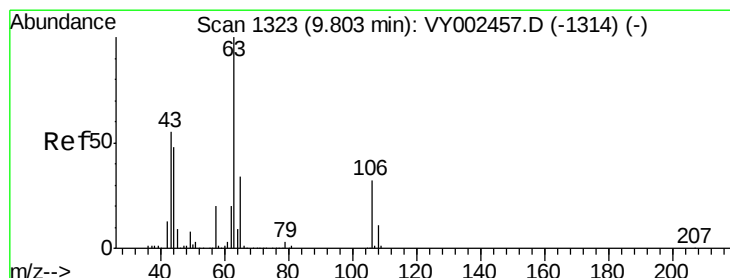
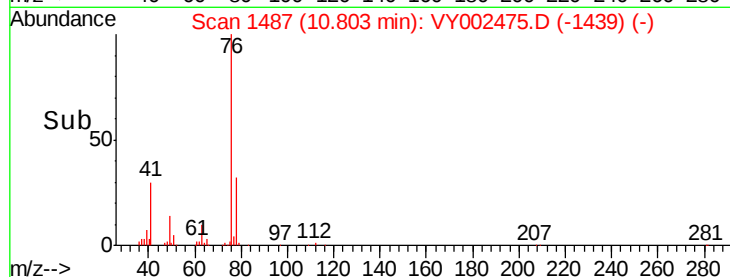
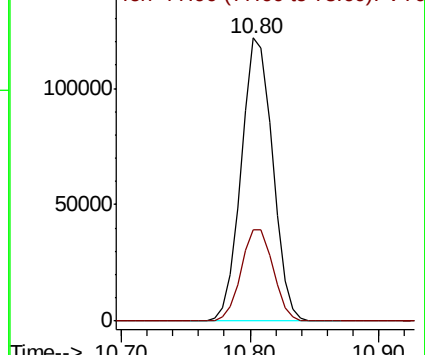
76 100

78 33.0 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 260.568 ug/l

RT: 9.80 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VY002475.D

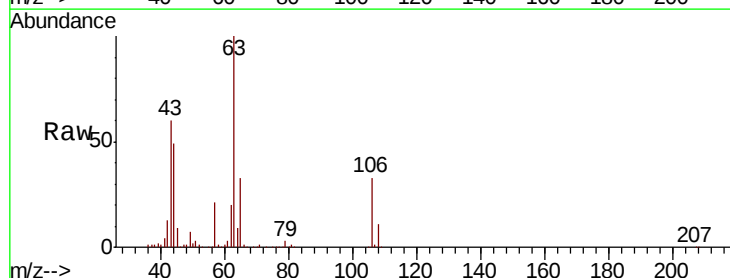
Acq: 23 Apr 2020 21:07

Tgt Ion: 63 Resp: 394057

Ion Ratio Lower Upper

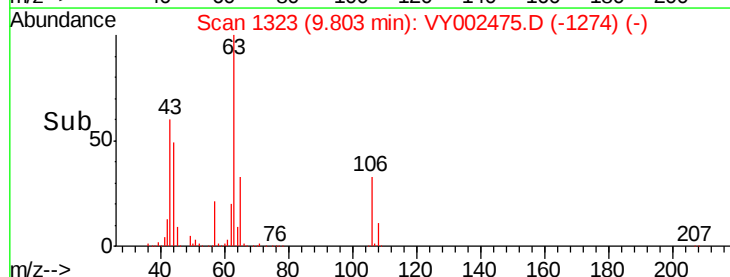
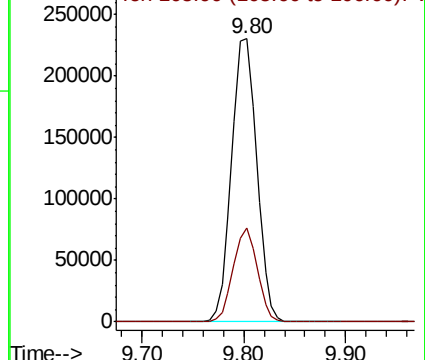
63 100

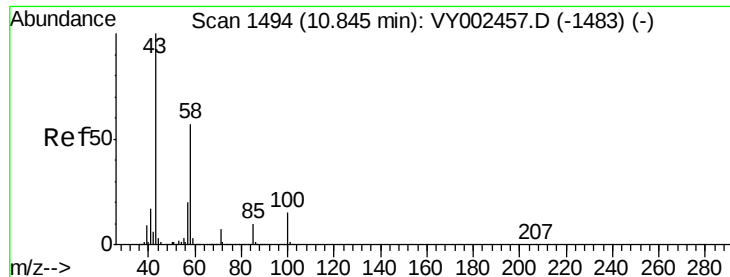
106 31.6 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

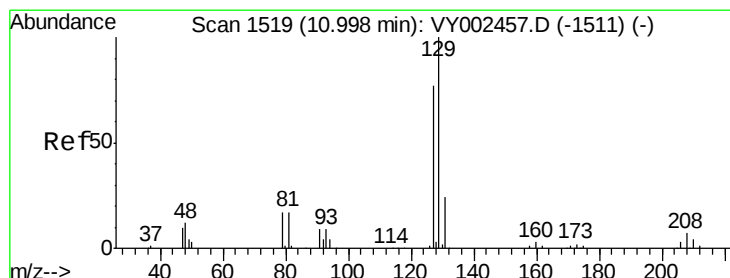
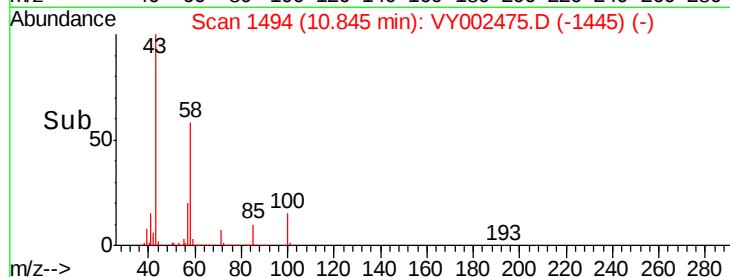
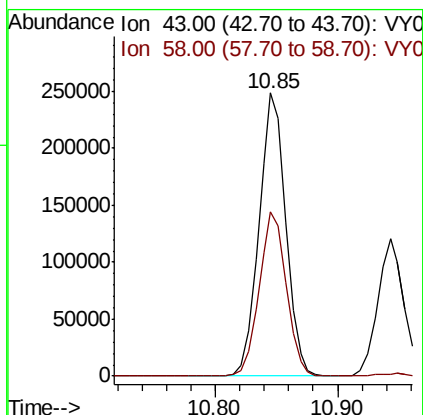
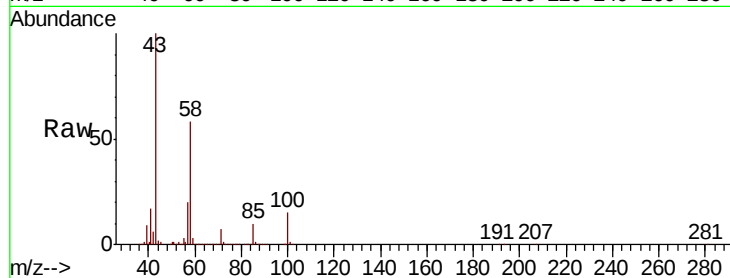




#59
2-Hexanone
Concen: 280.986 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

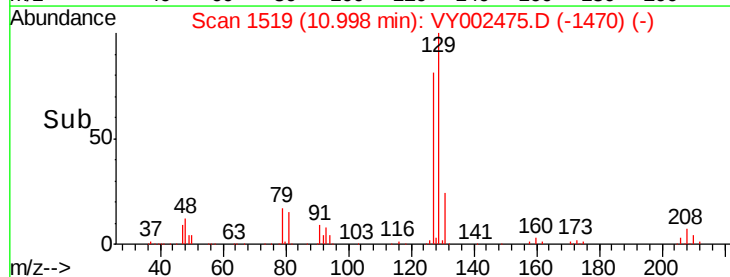
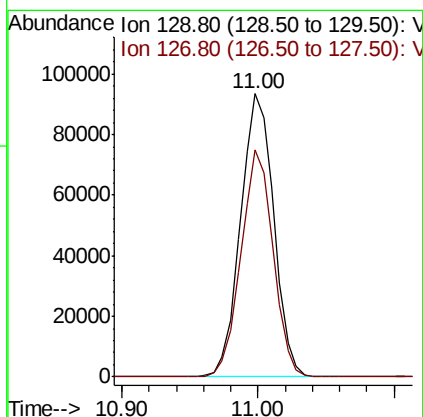
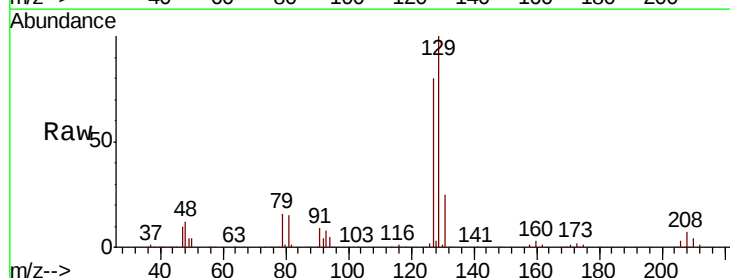
Instrument :
MSVOA_Y
ClientSampled :

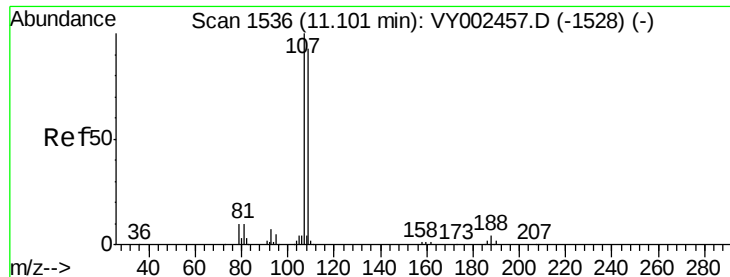
Tot Ion: 43 Resp: 379662
Ion Ratio Lower Upper
43 100
58 58.8 28.8 86.4



#60
Dibromochloromethane
Concen: 53.117 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion: 129 Resp: 159296
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.9





#61

1,2-Dibromoethane

Concen: 54.057 ug/l

RT: 11.10 min Scan# 1536

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

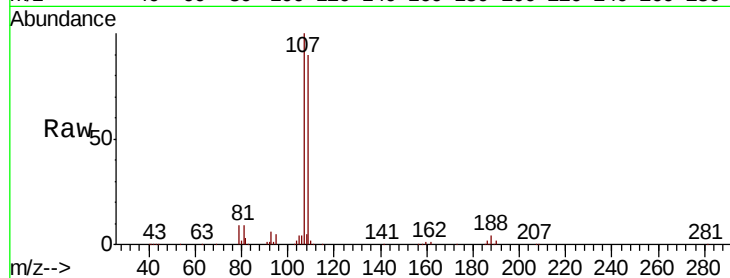
ClientSampleId :

Tot Ion:107 Resp: 122685

Ion Ratio Lower Upper

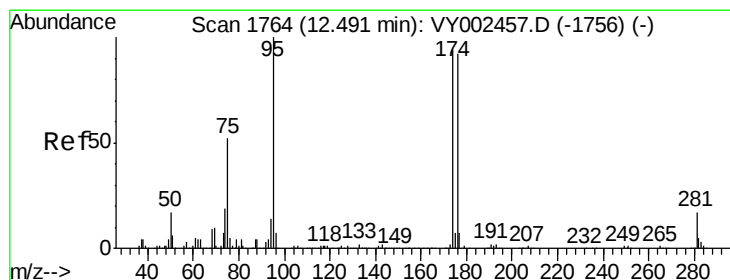
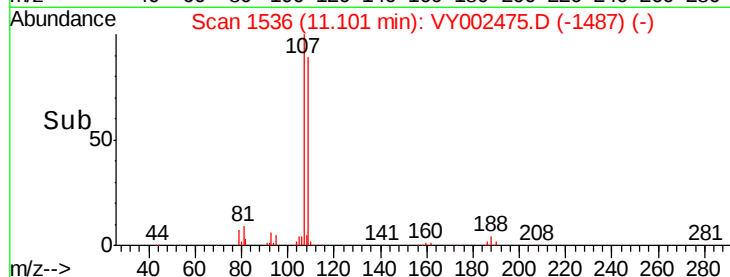
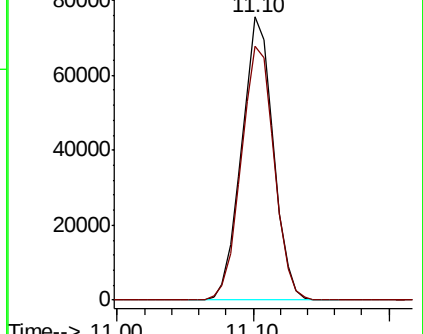
107 100

109 93.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.204 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

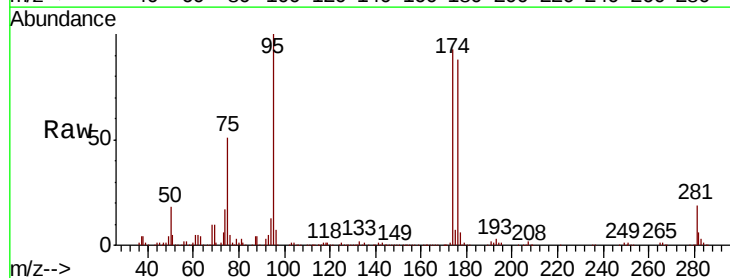
Tgt Ion: 95 Resp: 176899

Ion Ratio Lower Upper

95 100

174 95.1 0.0 193.0

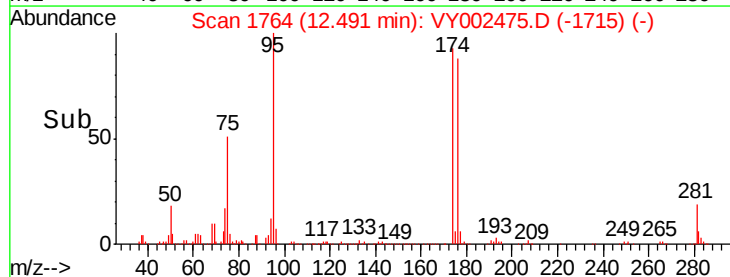
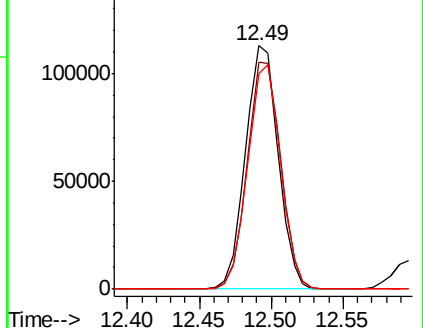
176 92.3 0.0 190.4

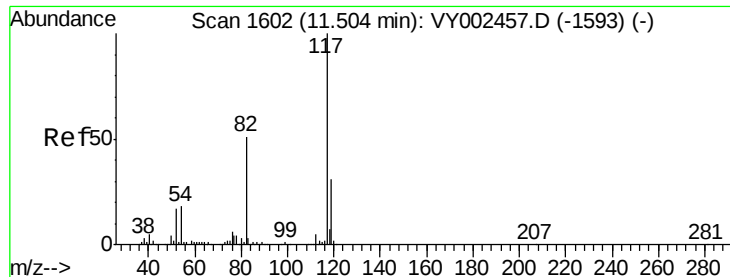


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

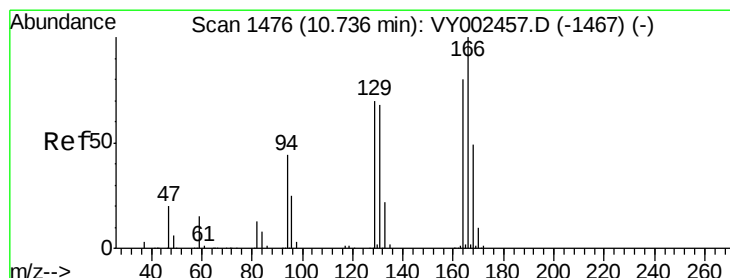
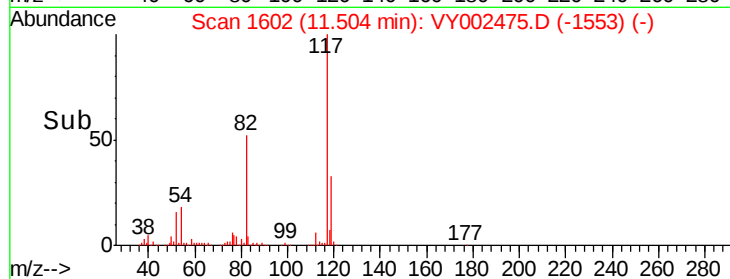
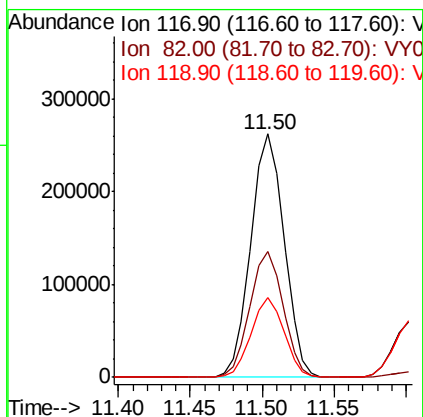
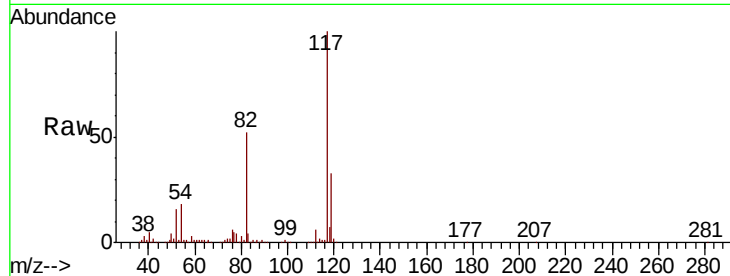




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

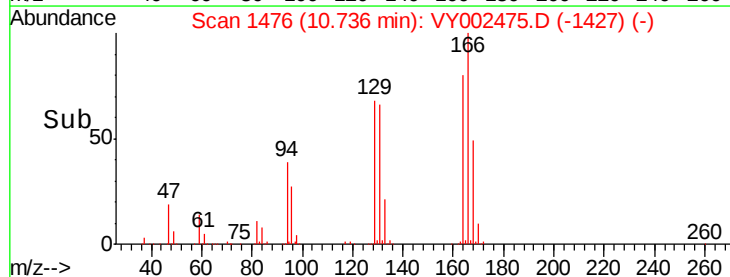
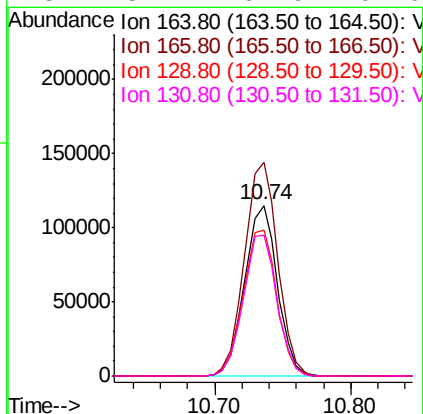
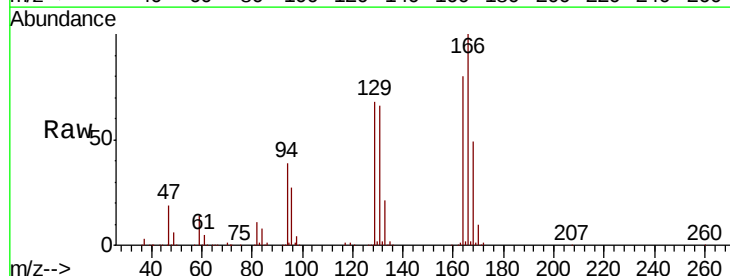
Instrument :
MSVOA_Y
ClientSampleId :

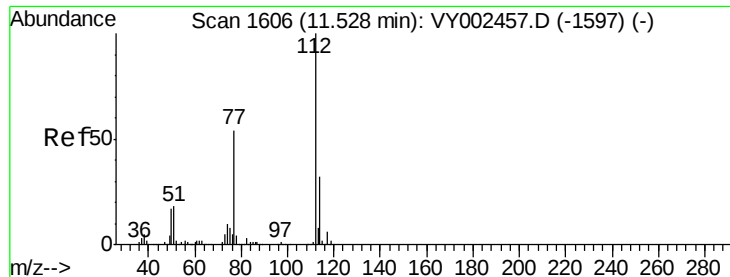
Tot Ion:117 Resp: 419601
Ion Ratio Lower Upper
117 100
82 51.8 40.8 61.2
119 32.9 25.2 37.8



#64
Tetrachloroethene
Concen: 50.379 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion:164 Resp: 193738
Ion Ratio Lower Upper
164 100
166 125.0 100.0 150.0
129 85.2 69.8 104.8
131 82.1 67.9 101.9





#65

Chlorobenzene

Concen: 51.022 ug/l

RT: 11.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

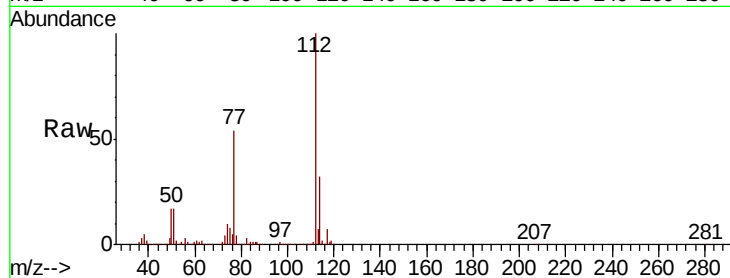
ClientSampled :

Tot Ion:112 Resp: 412736

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.53

250000

200000

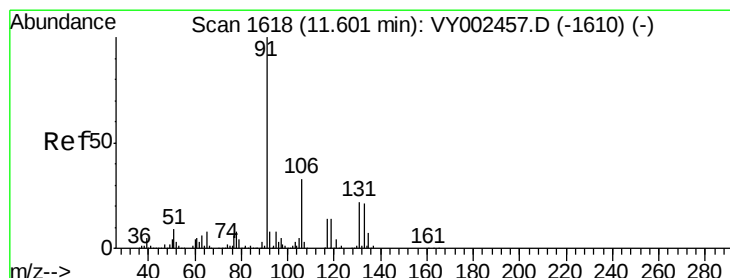
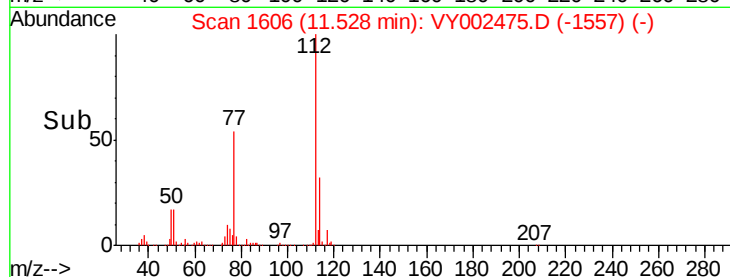
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.927 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

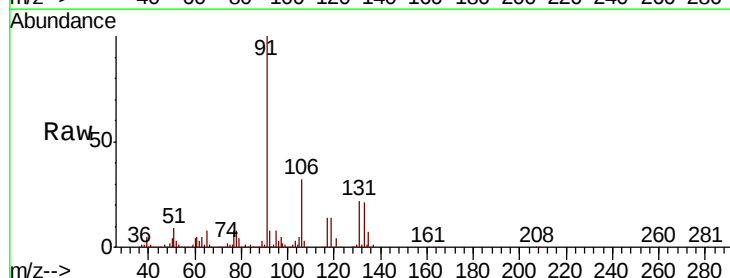
Tgt Ion:131 Resp: 160647

Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.4

119 62.2 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

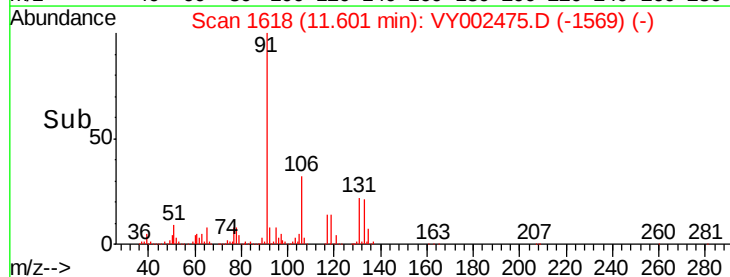
11.60

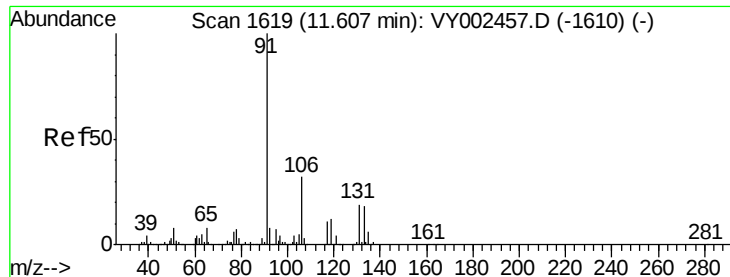
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 50.357 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

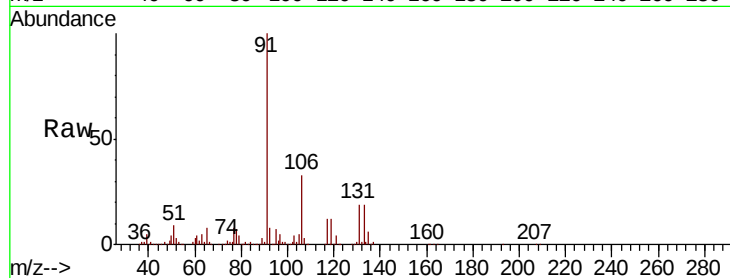
ClientSampleId :

Tot Ion: 91 Resp: 725996

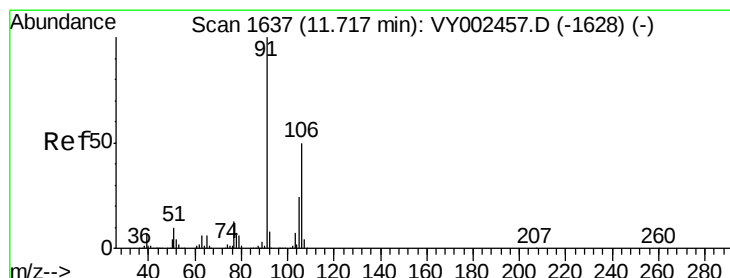
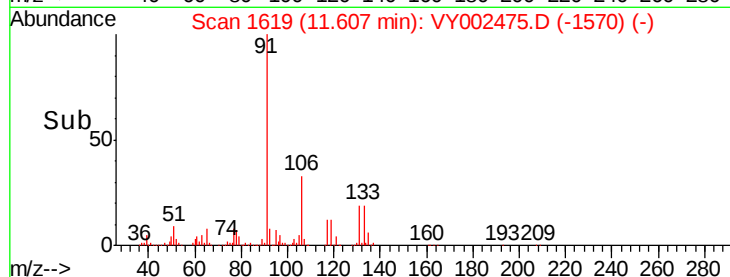
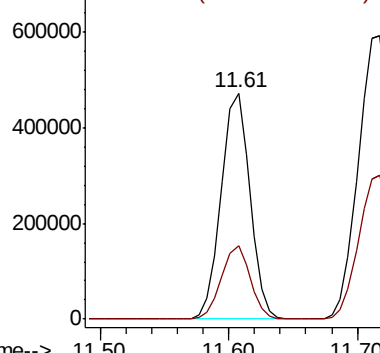
Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VY002457.D (-1610) (-)



#68

m/p-Xylenes

Concen: 100.247 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VY002475.D

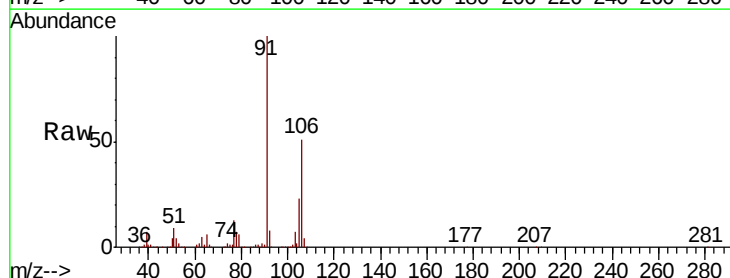
Acq: 23 Apr 2020 21:07

Tgt Ion: 106 Resp: 556367

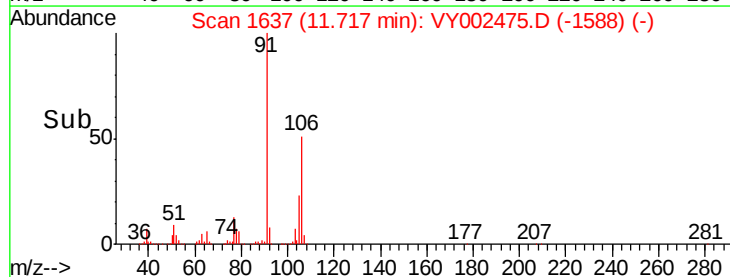
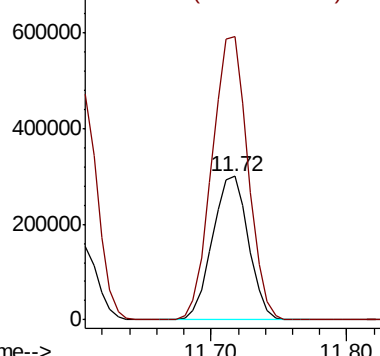
Ion Ratio Lower Upper

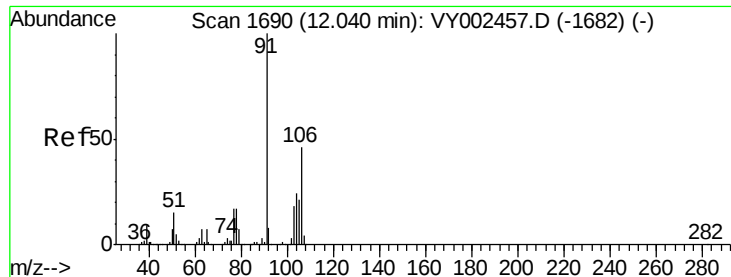
106 100

91 196.9 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VY002457.D (-1628) (-)

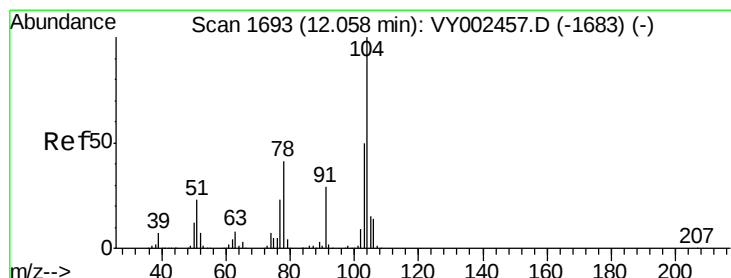
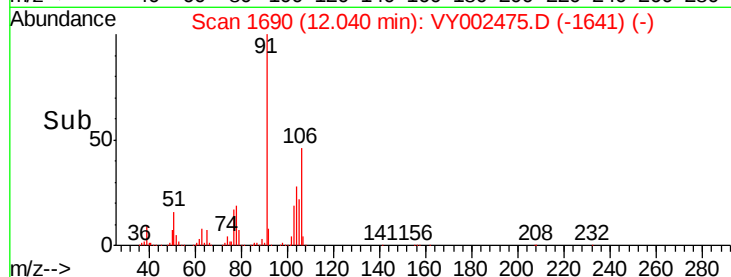
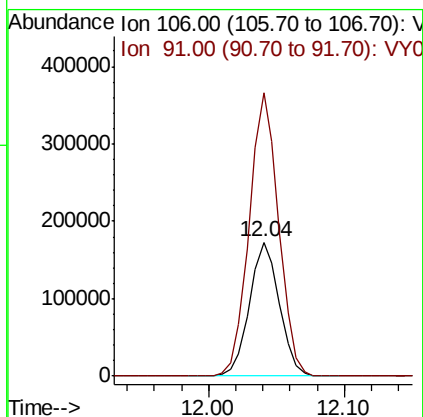
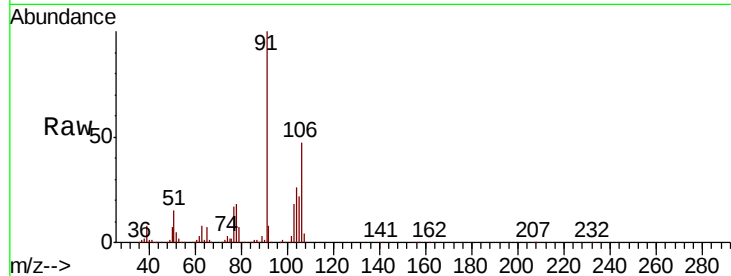




#69
o-Xylene
Concen: 51.523 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

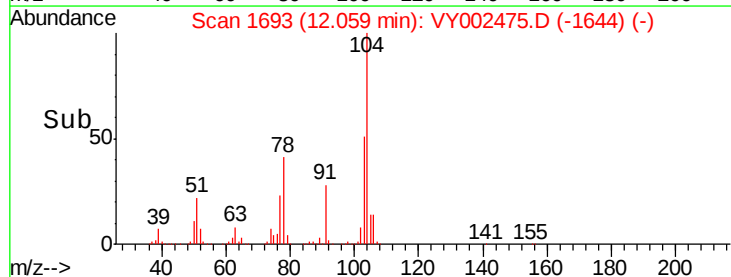
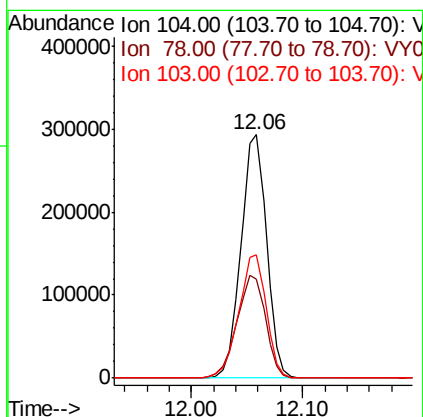
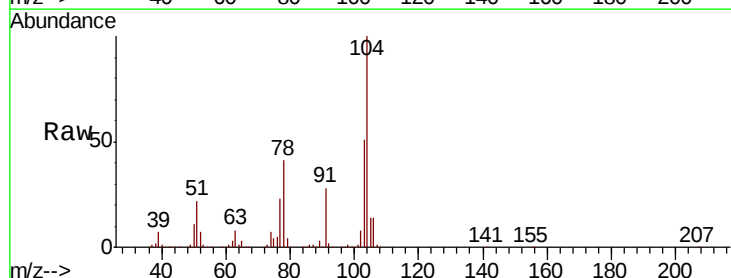
Instrument :
MSVOA_Y
ClientSampled :

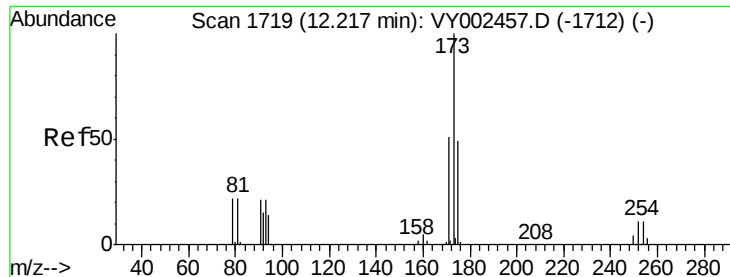
Tot Ion:106 Resp: 264803
Ion Ratio Lower Upper
106 100
91 209.5 104.5 313.3



#70
Styrene
Concen: 52.321 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion:104 Resp: 468225
Ion Ratio Lower Upper
104 100
78 47.1 38.0 57.0
103 54.5 44.4 66.6





#71

Bromoform

Concen: 54.716 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

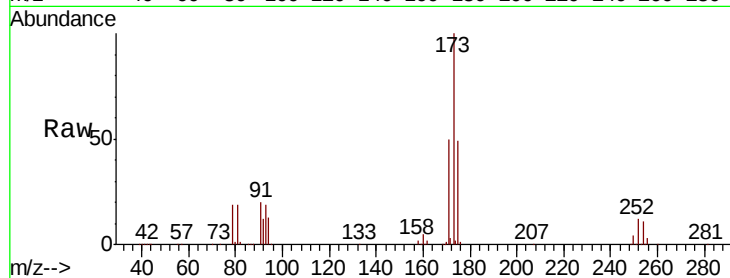
Tot Ion:173 Resp: 104622

Ion Ratio Lower Upper

173 100

175 47.9 24.3 73.0

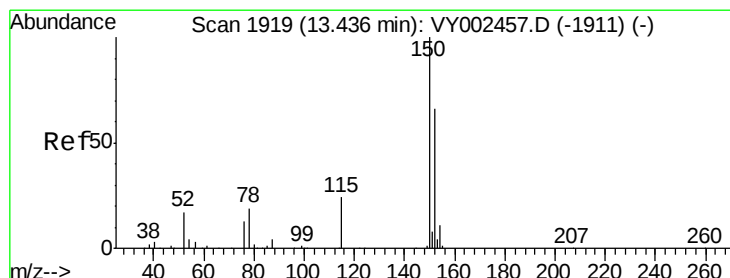
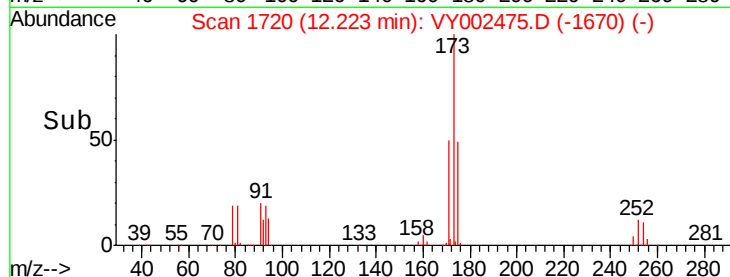
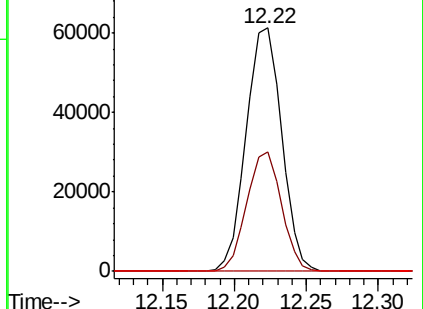
254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

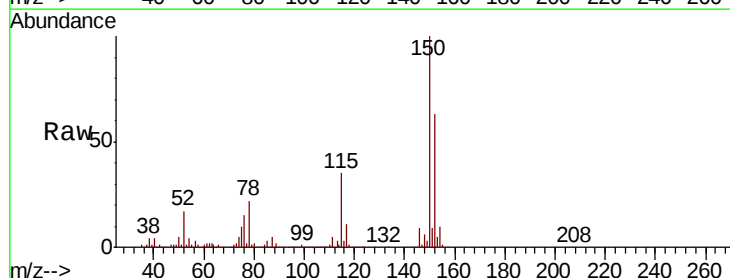
Tgt Ion:152 Resp: 218287

Ion Ratio Lower Upper

152 100

115 54.4 27.3 81.8

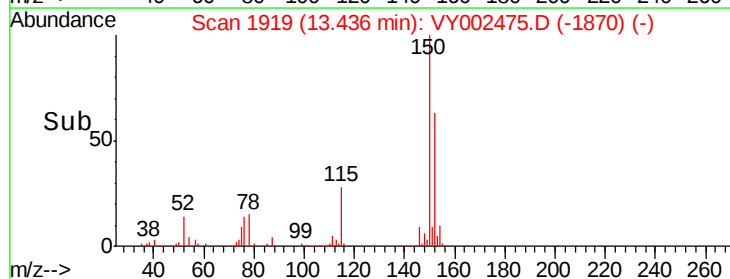
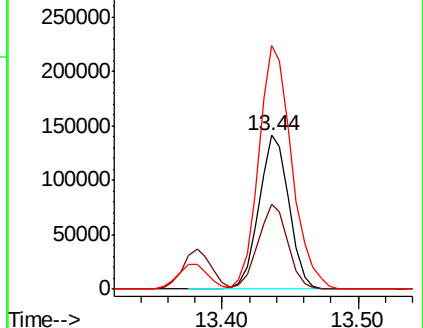
150 173.7 0.0 346.8

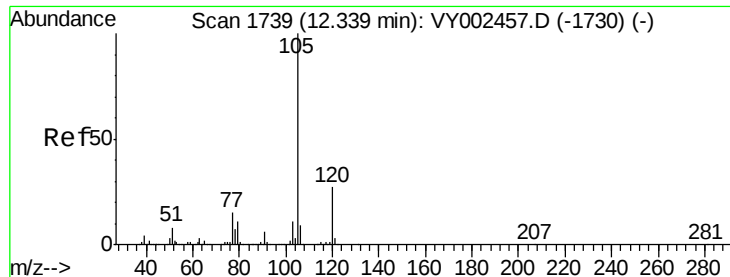


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.992 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

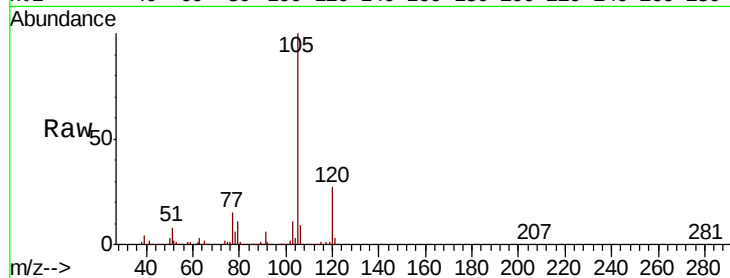
ClientSampleId :

Tot Ion:105 Resp: 714966

Ion Ratio Lower Upper

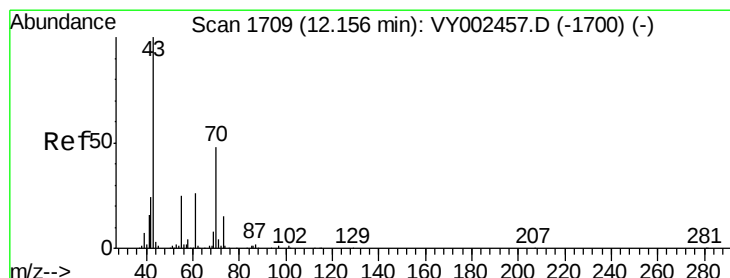
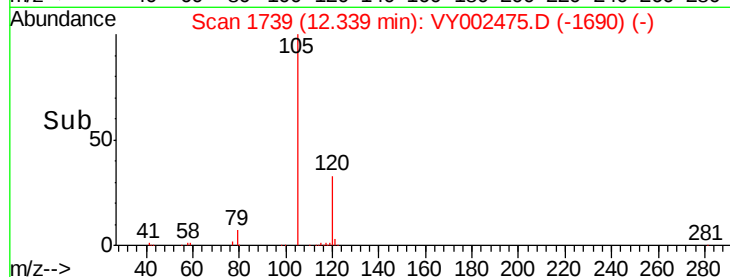
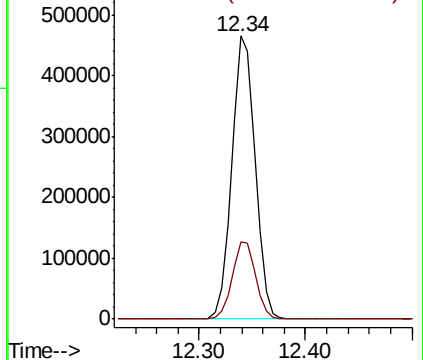
105 100

120 27.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.245 ug/l

RT: 12.16 min Scan# 1709

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Tgt Ion: 43 Resp: 187586

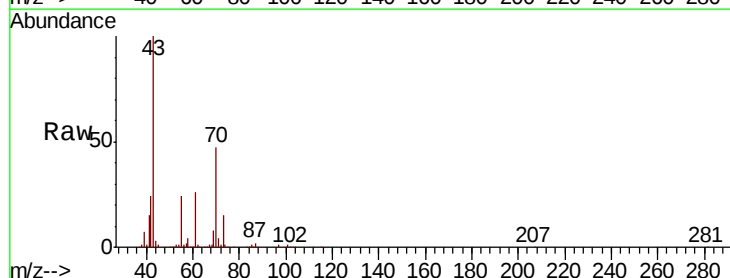
Ion Ratio Lower Upper

43 100

70 47.2 37.2 55.8

55 24.9 19.6 29.4

61 25.9 20.7 31.1

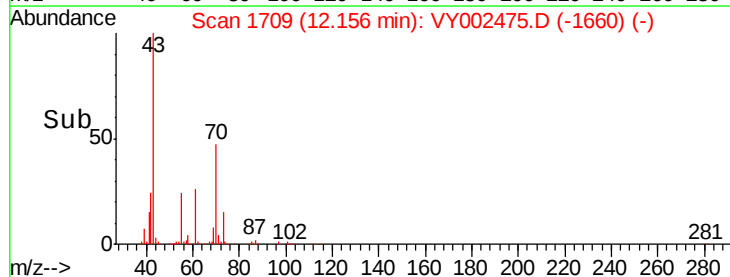
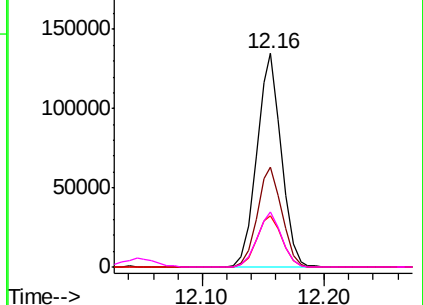


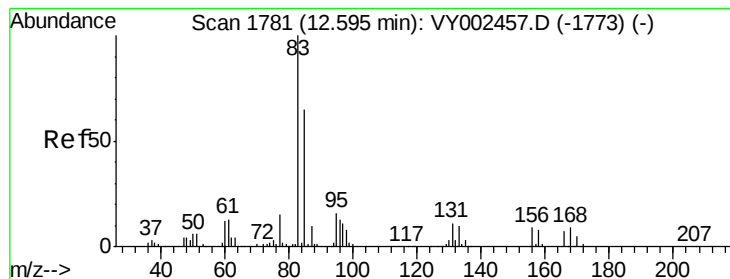
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.402 ug/l

RT: 12.60 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

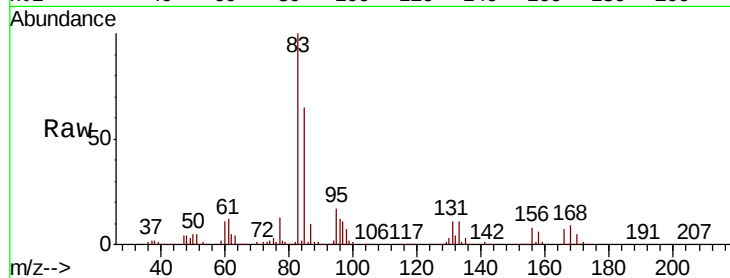
Tot Ion: 83 Resp: 119691

Ion Ratio Lower Upper

83 100

131 12.2 6.2 18.6

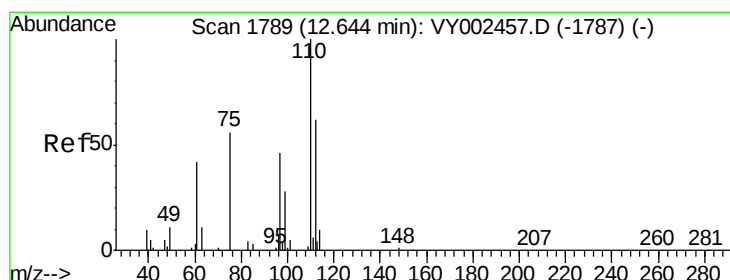
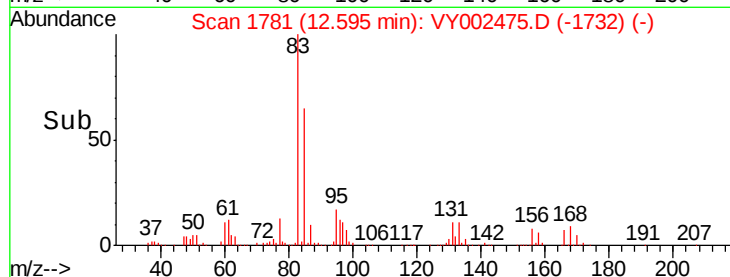
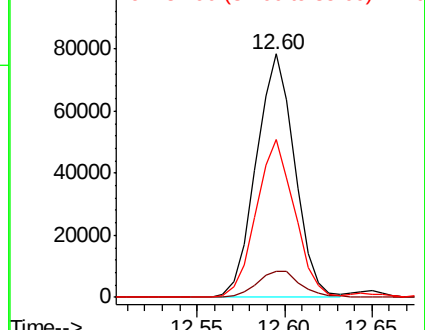
85 64.6 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VY002475.D (-1773) (-)

Ion 130.80 (130.50 to 131.50): VY002475.D (-1773) (-)

Ion 84.90 (84.60 to 85.60): VY002475.D (-1773) (-)



#76

1,2,3-Trichloropropane

Concen: 100.458 ug/l

RT: 12.64 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VY002475.D

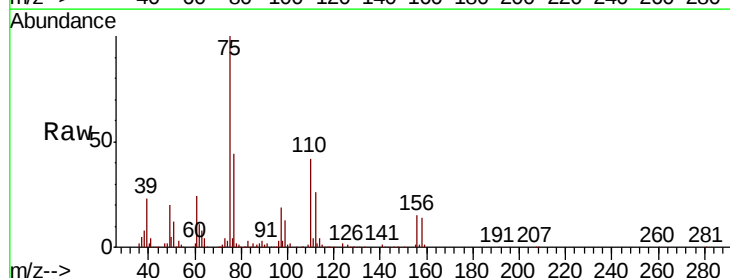
Acq: 23 Apr 2020 21:07

Tgt Ion: 75 Resp: 185858

Ion Ratio Lower Upper

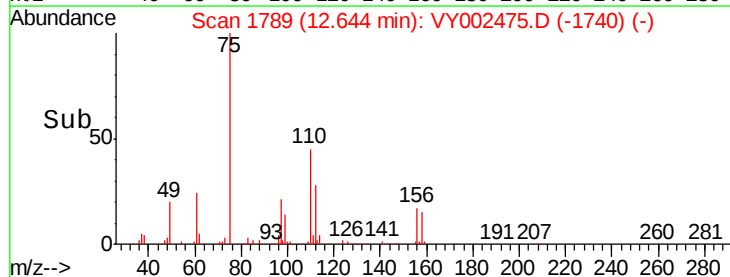
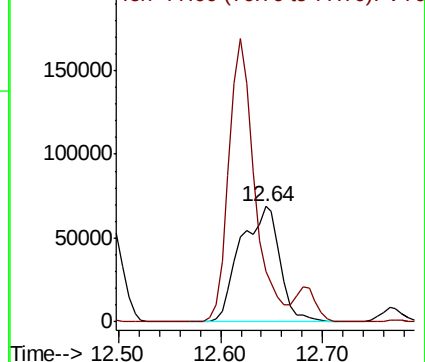
75 100

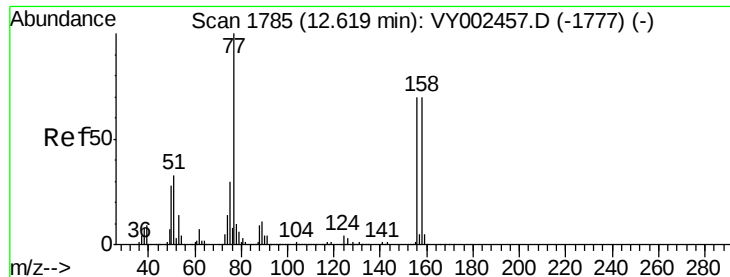
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002475.D (-1787) (-)

Ion 77.00 (76.70 to 77.70): VY002475.D (-1787) (-)





#77

Bromobenzene

Concen: 51.284 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampled :

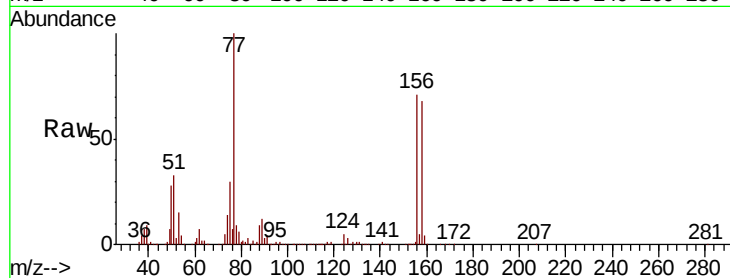
Tot Ion:156 Resp: 187702

Ion Ratio Lower Upper

156 100

77 159.2 78.5 235.7

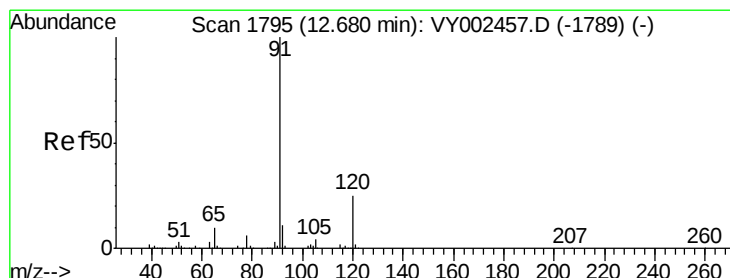
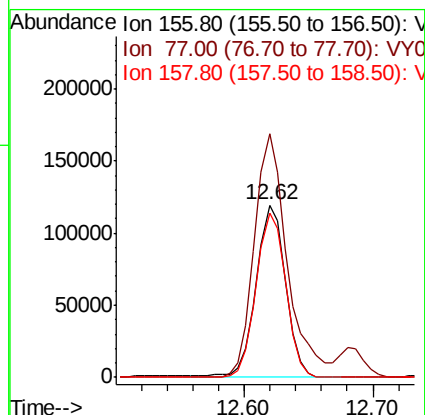
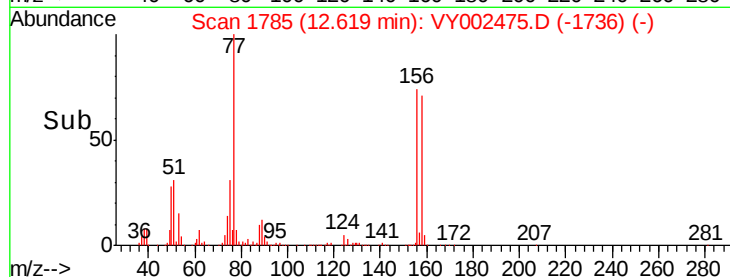
158 95.8 48.4 145.3



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: 48.686 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002475.D

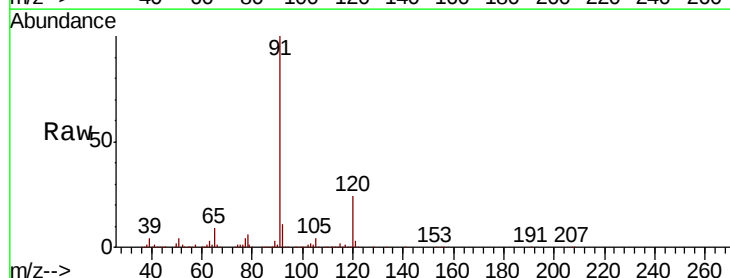
Acq: 23 Apr 2020 21:07

Tgt Ion: 91 Resp: 824944

Ion Ratio Lower Upper

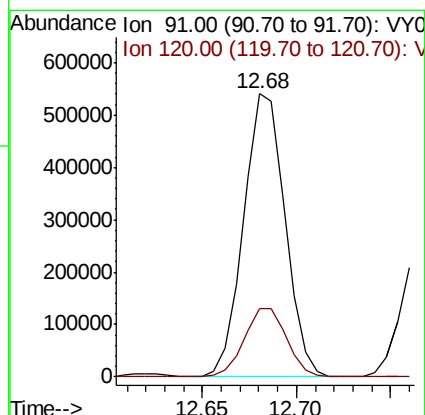
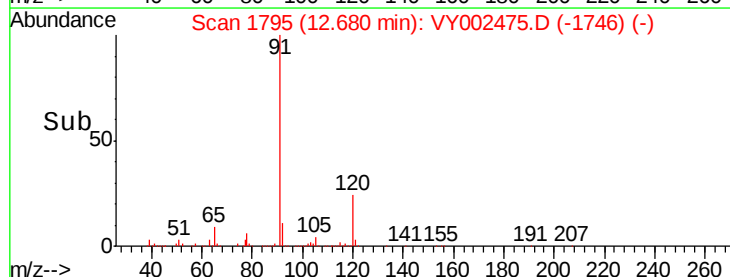
91 100

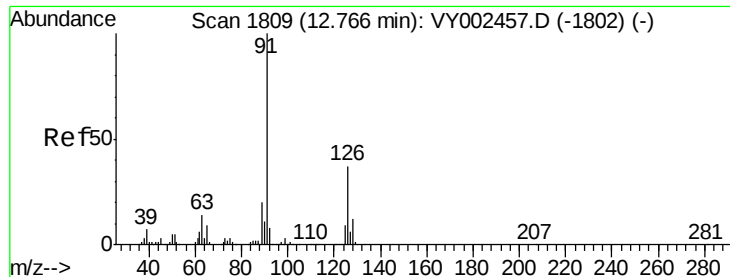
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

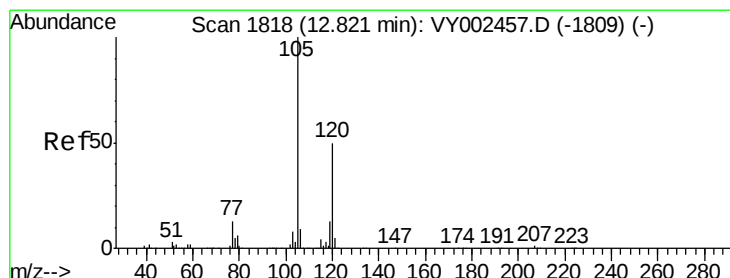
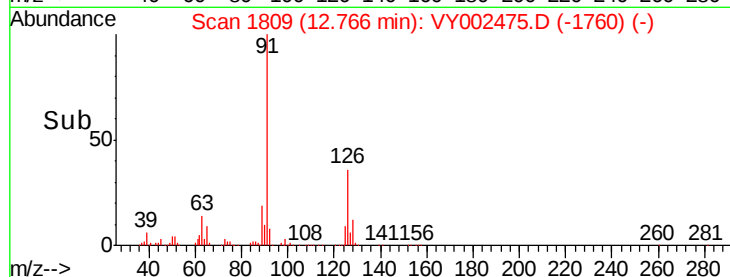
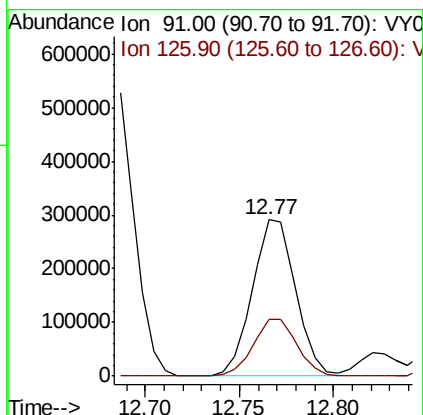
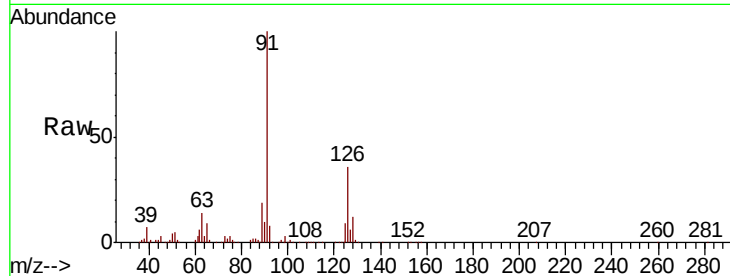




#79
 2-Chlorotoluene
 Concen: 50.193 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

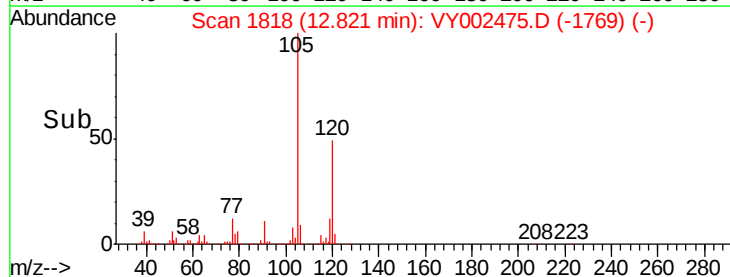
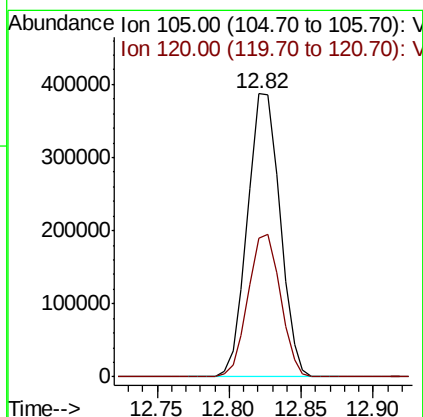
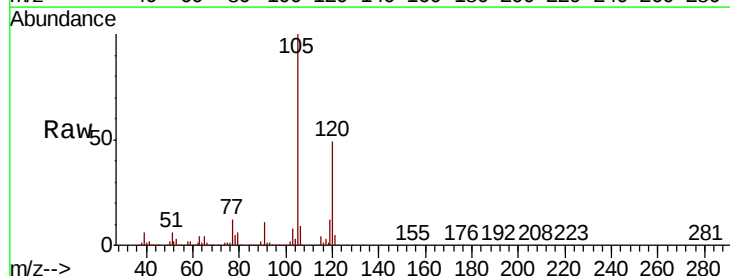
Instrument :
 MSVOA_Y
 ClientSampled :

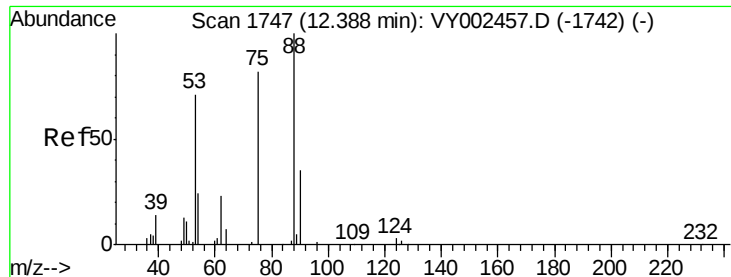
Tot Ion: 91 Resp: 465382
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.5 55.5



#80
 1,3,5-Trimethylbenzene
 Concen: 48.952 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Tgt Ion: 105 Resp: 606321
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.617 ug/l

RT: 12.39 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

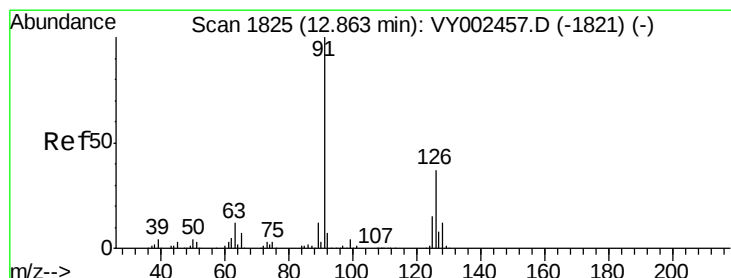
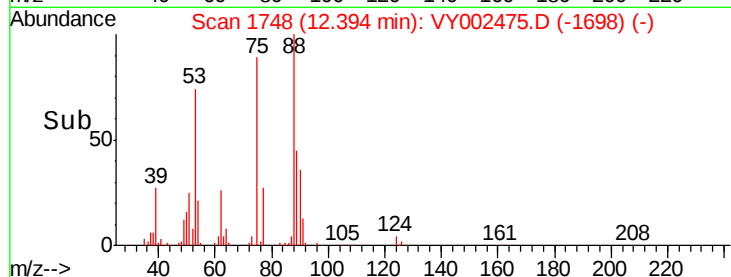
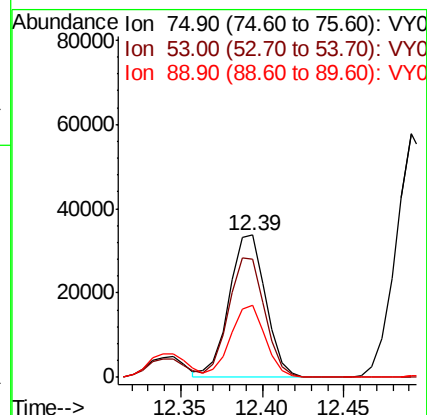
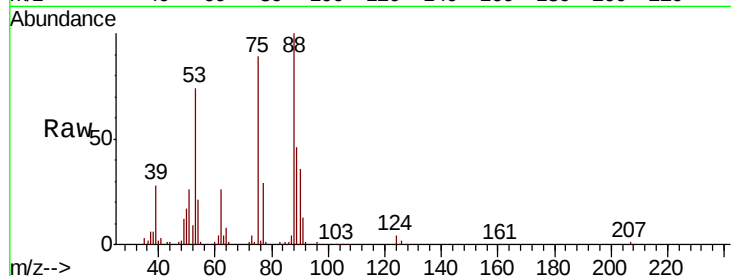
Tot Ion: 75 Resp: 52606

Ion Ratio Lower Upper

75 100

53 83.6 70.0 105.0

89 48.7 34.9 52.3



#82

4-Chlorotoluene

Concen: 50.487 ug/l

RT: 12.87 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VY002475.D

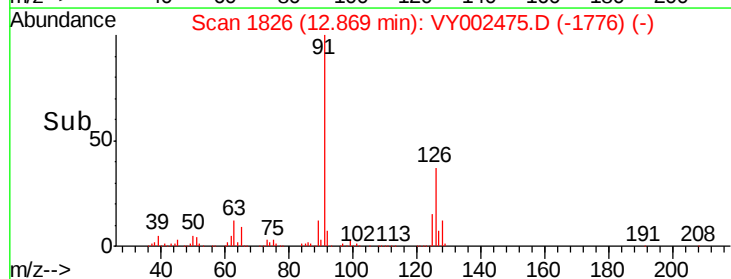
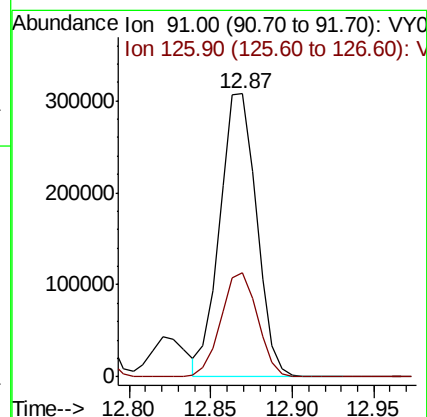
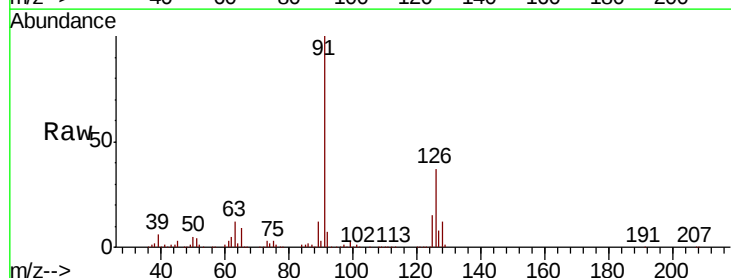
Acq: 23 Apr 2020 21:07

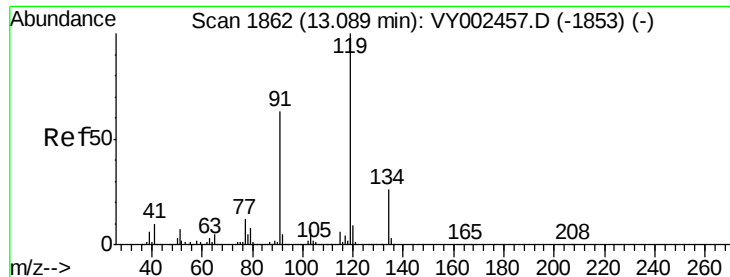
Tgt Ion: 91 Resp: 483801

Ion Ratio Lower Upper

91 100

126 36.8 18.5 55.5

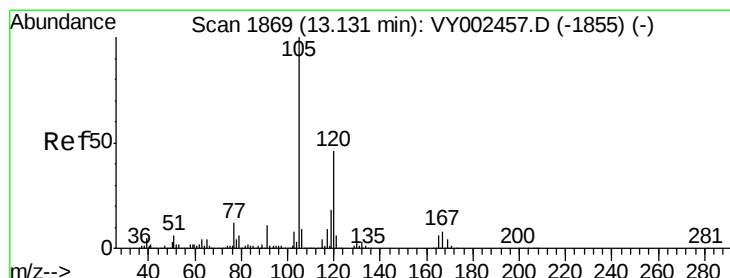
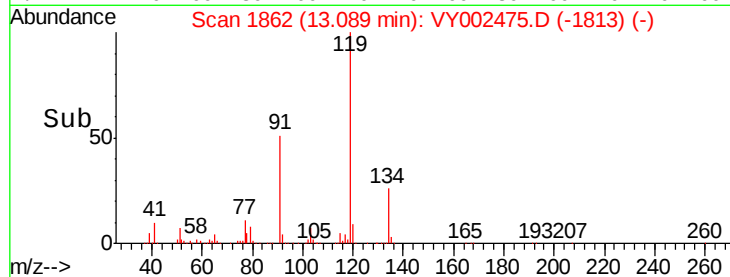
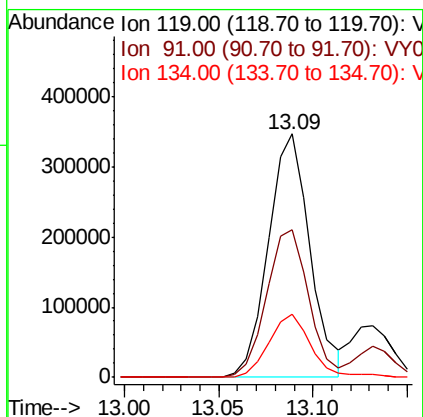
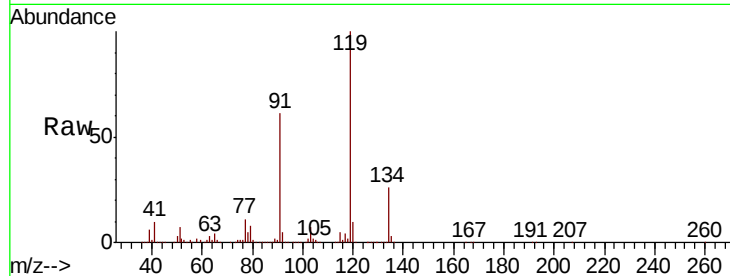




#83
 tert-Butylbenzene
 Concen: 49.429 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

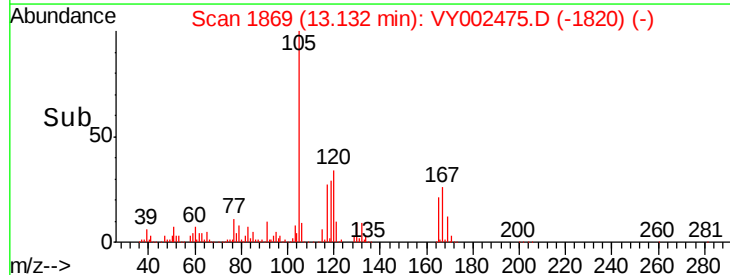
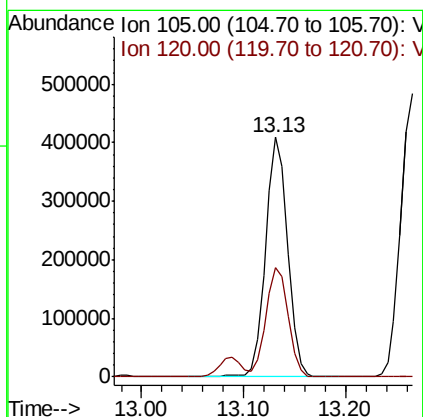
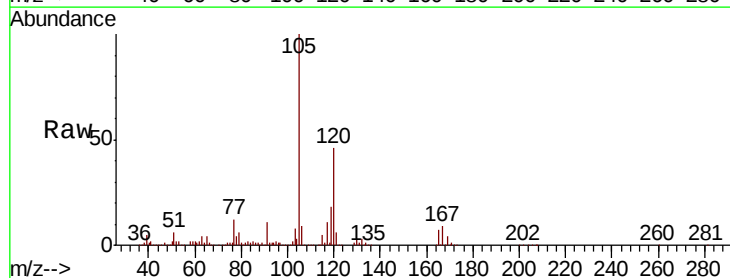
Instrument :
 MSVOA_Y
 ClientSampled :

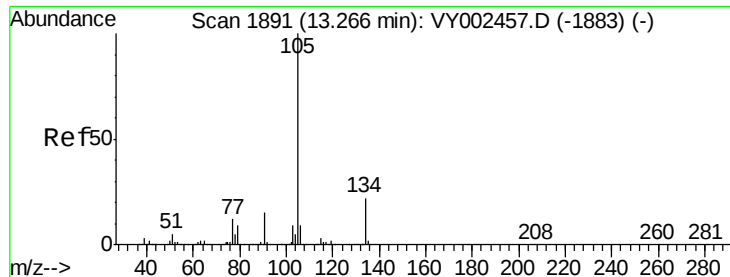
Tot Ion:119 Resp: 531649
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.8 92.3
 134 26.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.448 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Tgt Ion:105 Resp: 611379
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.964 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

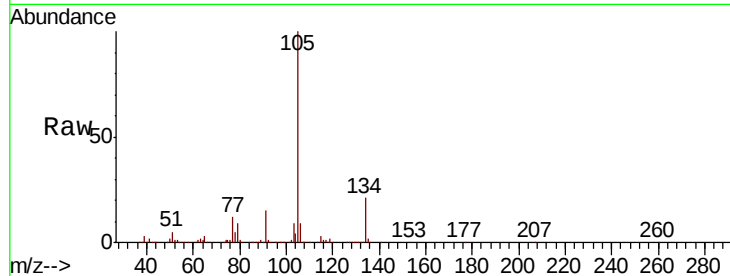
ClientSampleId :

Tot Ion:105 Resp: 719593

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

500000

400000

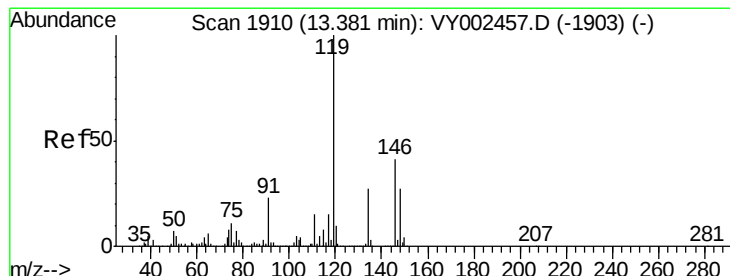
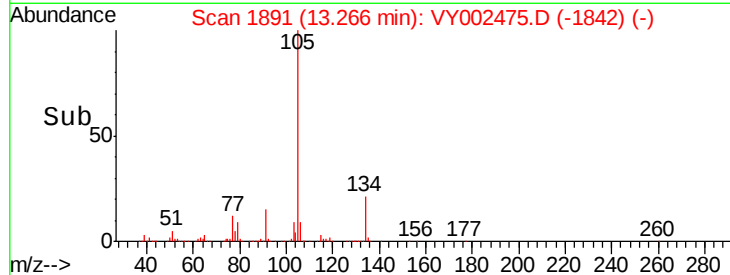
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.902 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

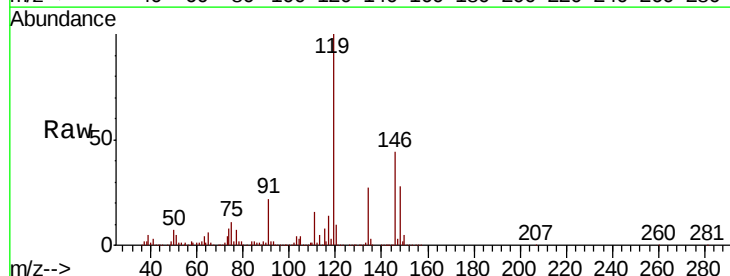
Tgt Ion:119 Resp: 685385

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.5

91 22.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

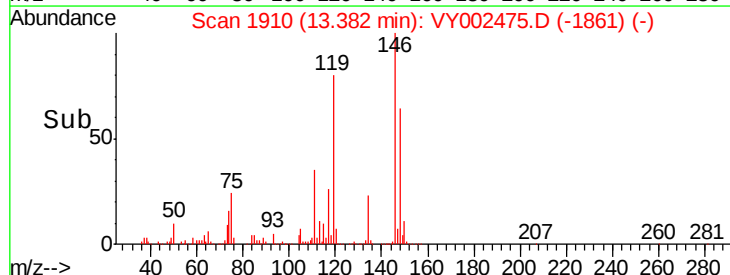
300000

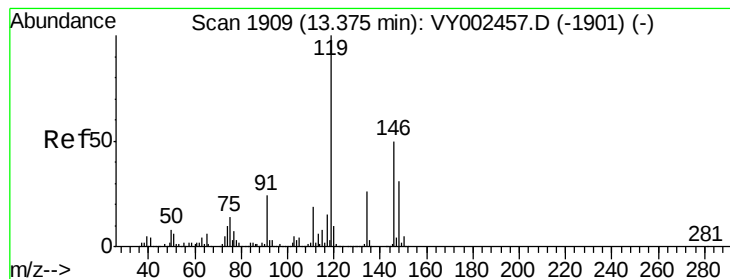
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.505 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

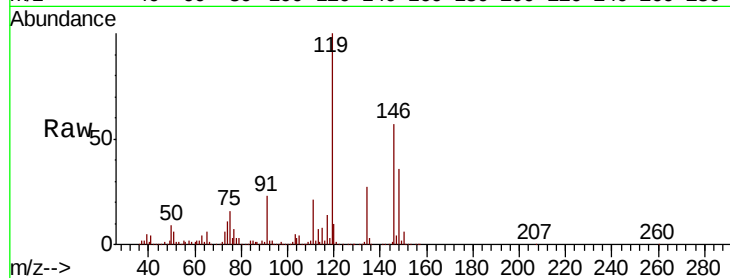
Tot Ion:146 Resp: 348668

Ion Ratio Lower Upper

146 100

111 36.6 18.8 56.3

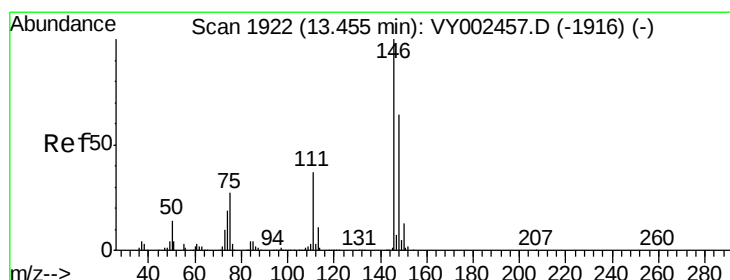
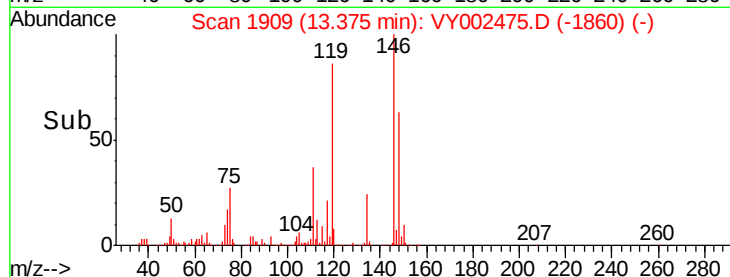
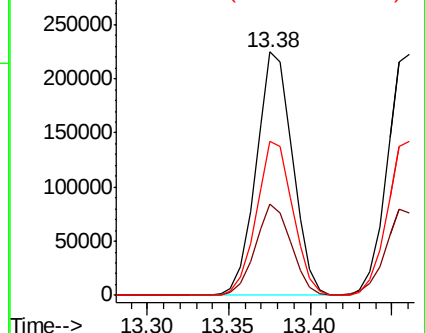
148 63.2 32.0 96.0



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: 51.080 ug/l

RT: 13.46 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

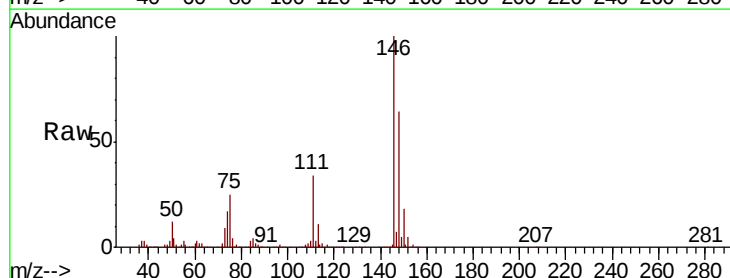
Tgt Ion:146 Resp: 343839

Ion Ratio Lower Upper

146 100

111 36.1 18.1 54.1

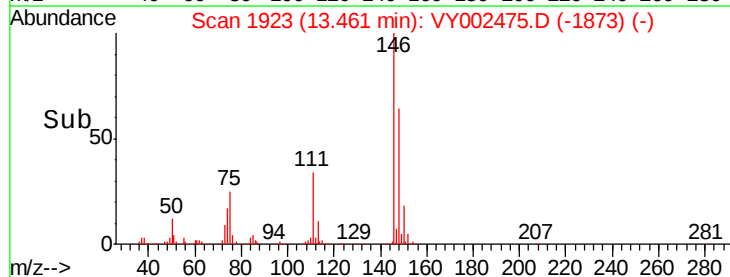
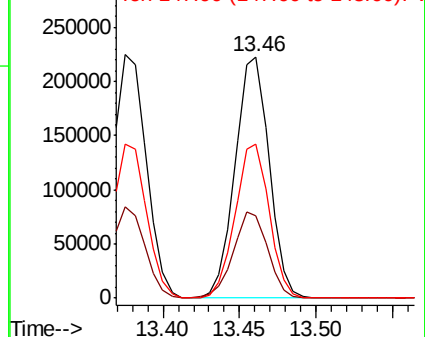
148 63.8 32.1 96.5

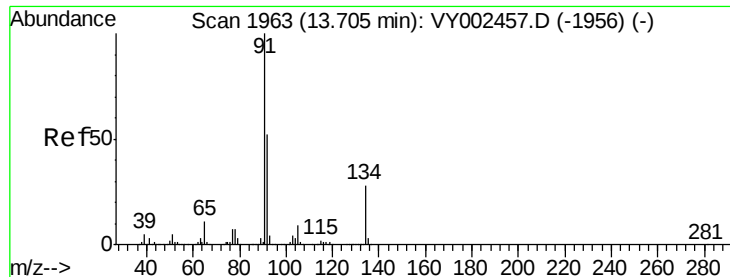


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 48.096 ug/l

RT: 13.71 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampled :

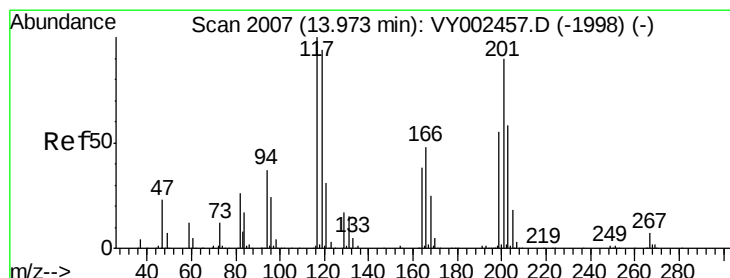
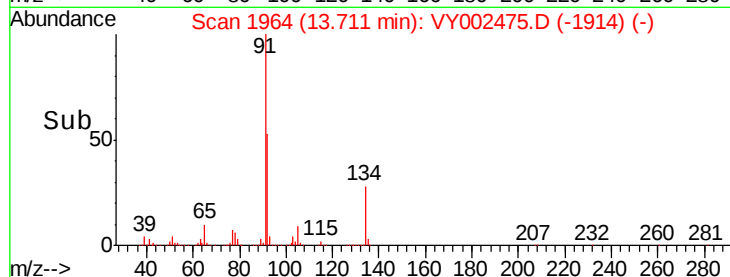
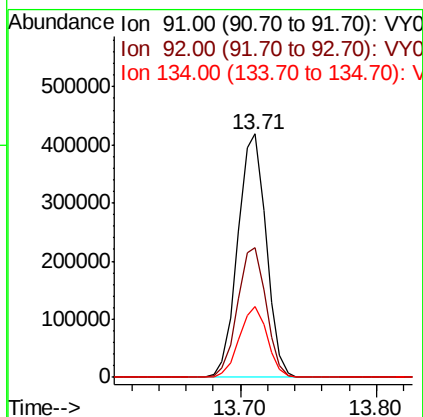
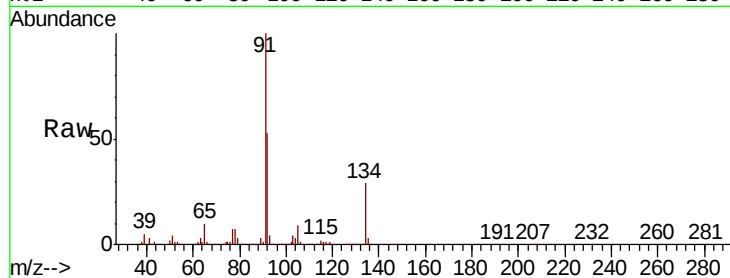
Tot Ion: 91 Resp: 609387

Ion Ratio Lower Upper

91 100

92 53.8 26.5 79.4

134 28.7 14.3 42.9



#90

Hexachloroethane

Concen: 50.137 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY002475.D

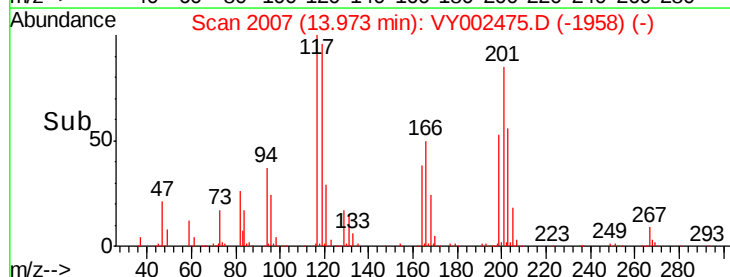
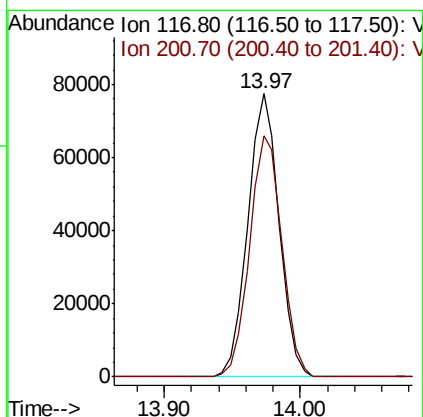
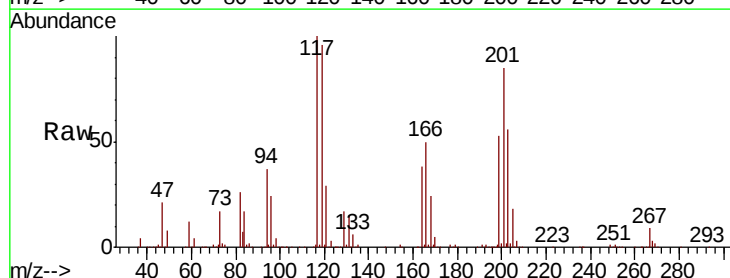
Acq: 23 Apr 2020 21:07

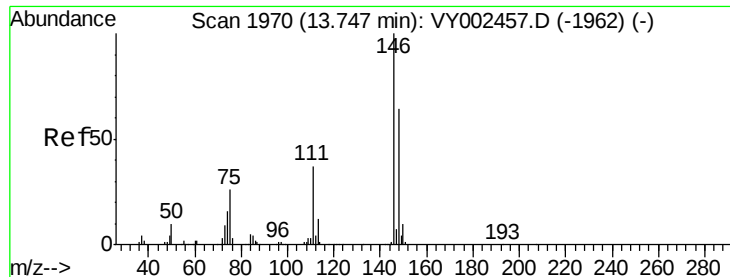
Tgt Ion: 117 Resp: 124467

Ion Ratio Lower Upper

117 100

201 87.9 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 54.031 ug/l

RT: 13.75 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

Instrument :

MSVOA_Y

ClientSampleId :

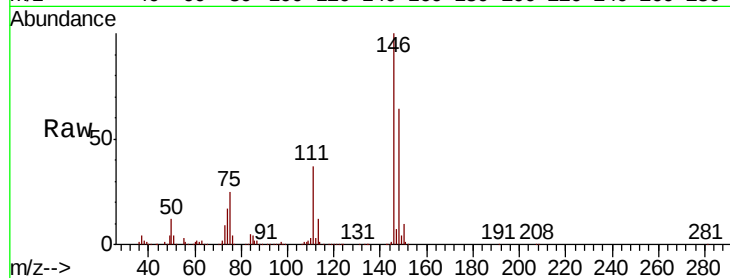
Tot Ion:146 Resp: 314986

Ion Ratio Lower Upper

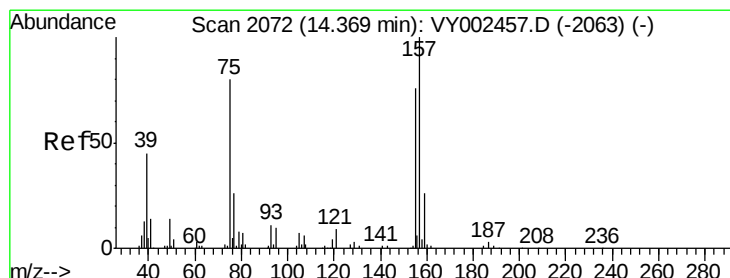
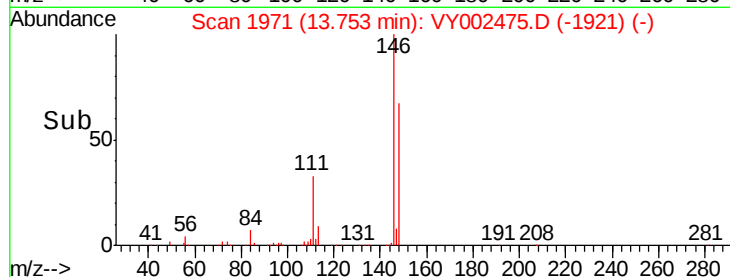
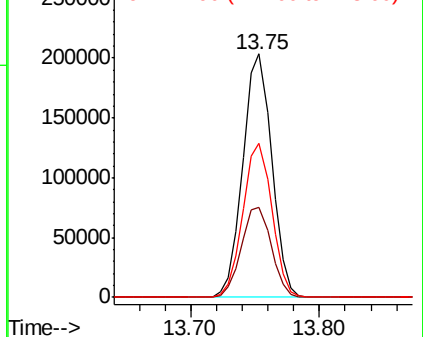
146 100

111 38.3 18.9 56.9

148 63.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.839 ug/l

RT: 14.37 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VY002475.D

Acq: 23 Apr 2020 21:07

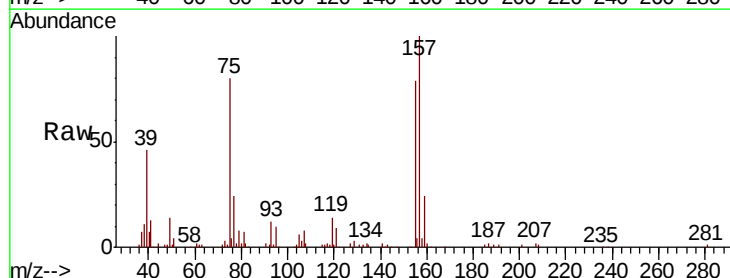
Tgt Ion: 75 Resp: 23957

Ion Ratio Lower Upper

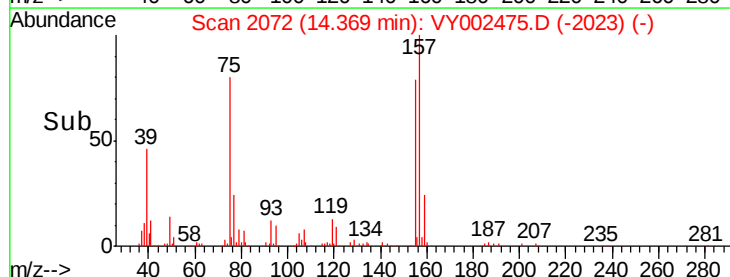
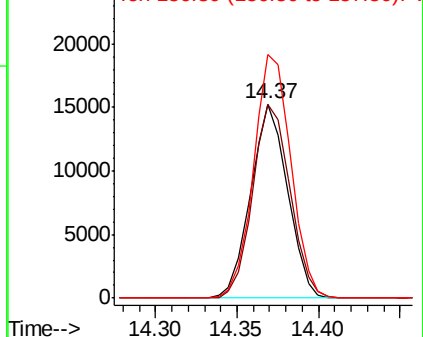
75 100

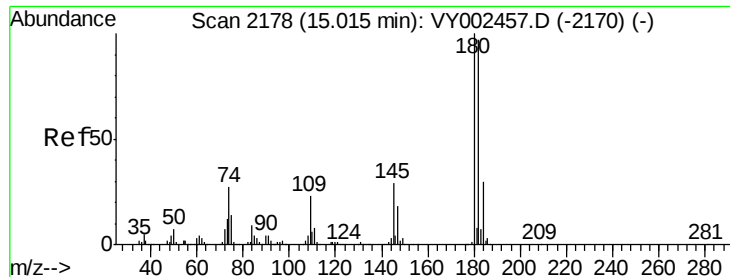
155 101.2 49.6 149.0

157 126.7 62.6 187.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

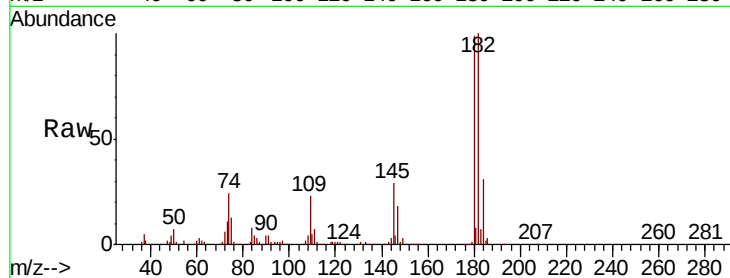




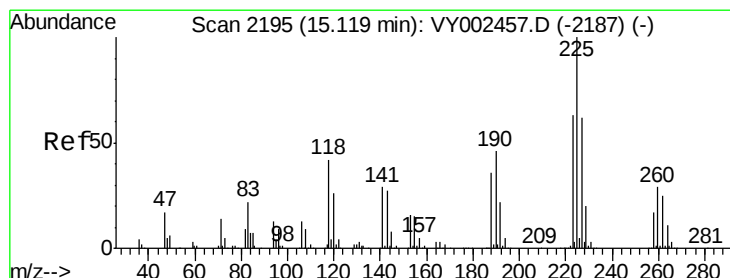
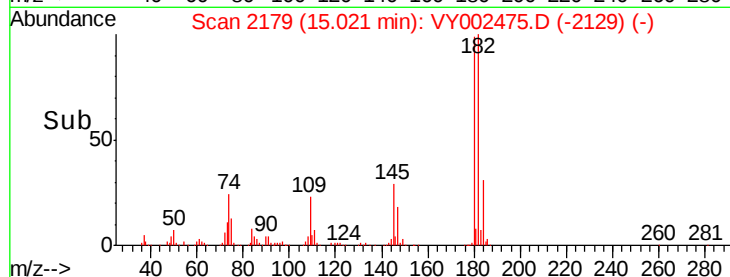
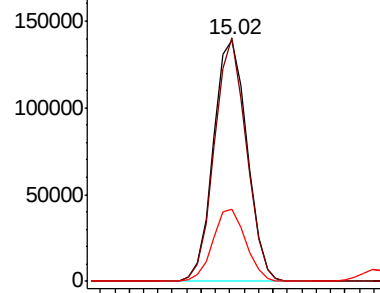
#93
 1,2,4-Trichlorobenzene
 Concen: 48.813 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	29.3	14.2	42.6

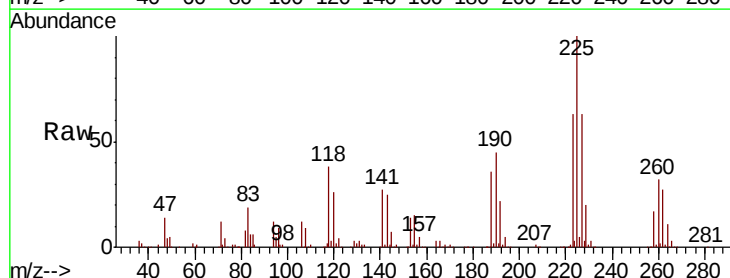


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

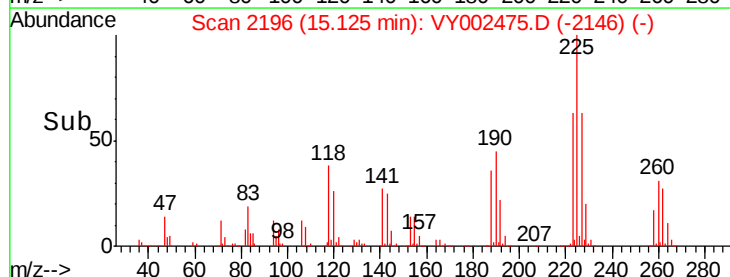
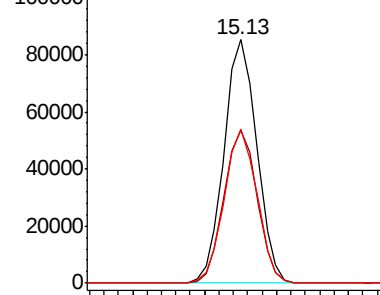


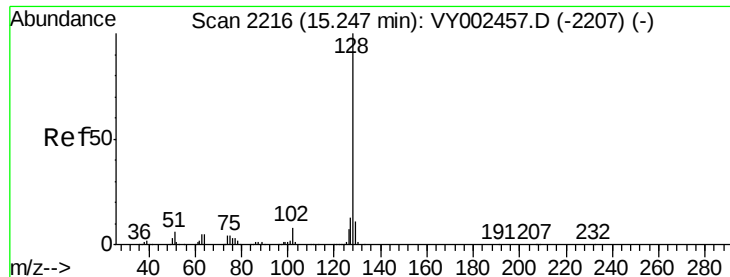
#94
 Hexachlorobutadiene
 Concen: 48.247 ug/l
 RT: 15.13 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002475.D
 Acq: 23 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.3
227	63.2	31.5	94.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

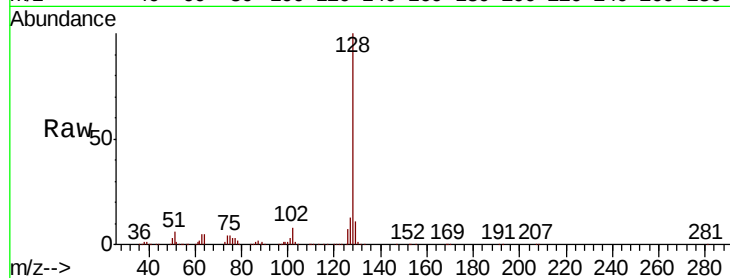




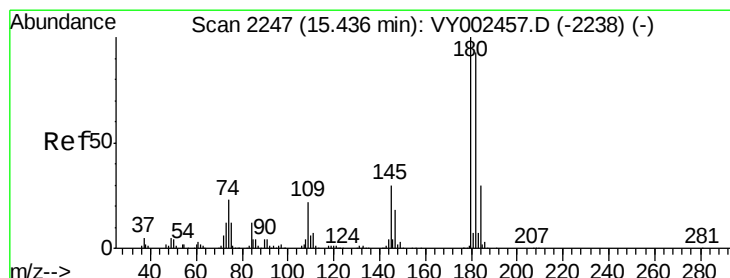
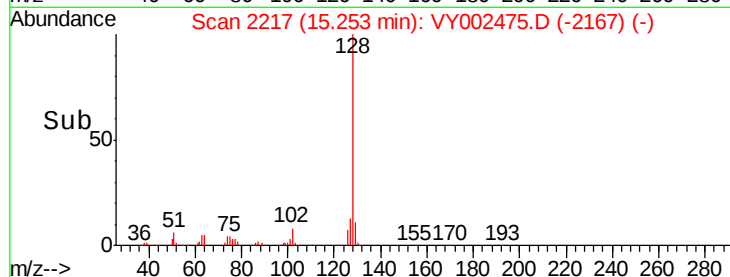
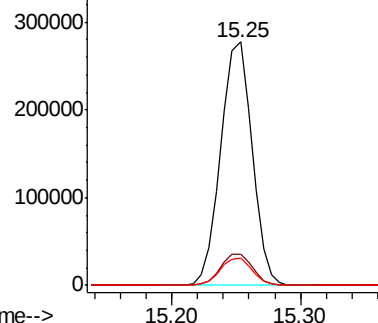
#95
Naphthalene
Concen: 54.673 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.3	8.8	13.2

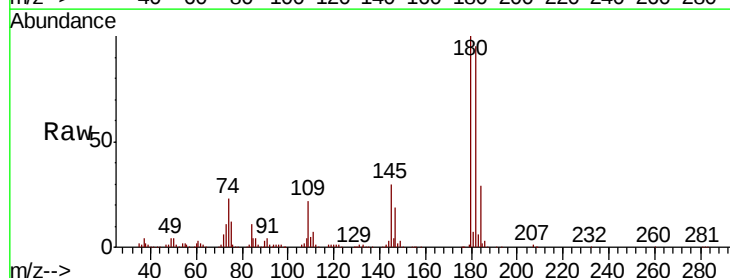


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.675 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY002475.D
Acq: 23 Apr 2020 21:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.5	142.6
145	30.4	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

