

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
 Data File : VY002800.D
 Acq On : 29 May 2020 15:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 03:56:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	319269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	469560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	435454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230865	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	122879	44.33	ug/l	0.00
Spiked Amount			Recovery	=	88.66%	
35) Dibromofluoromethane	7.72	113	132832	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	10.18	98	532681	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.48	95	182360	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	102229	46.535	ug/l	98
3) Chloromethane	2.12	50	116398	47.902	ug/l	99
4) Vinyl Chloride	2.26	62	126214	49.142	ug/l	99
5) Bromomethane	2.66	94	99079	51.478	ug/l	98
6) Chloroethane	2.80	64	86770	52.116	ug/l	99
7) Trichlorofluoromethane	3.13	101	229887	50.538	ug/l	100
8) Diethyl Ether	3.54	74	77273	43.506	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	141020	52.215	ug/l	98
10) Methyl Iodide	4.10	142	200809	53.137	ug/l	100
11) Tert butyl alcohol	4.96	59	53074	174.263	ug/l	99
12) 1,1-Dichloroethene	3.88	96	140741	51.818	ug/l	98
13) Acrolein	3.74	56	64229	197.711	ug/l	100
14) Allyl chloride	4.49	41	204871	52.592	ug/l	99
15) Acrylonitrile	5.18	53	168074	209.755	ug/l	99
16) Acetone	3.96	43	121415	186.783	ug/l	100
17) Carbon Disulfide	4.20	76	415787	50.659	ug/l	100
18) Methyl Acetate	4.49	43	68660	41.939	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	348228	46.442	ug/l	99
20) Methylene Chloride	4.72	84	159545	50.224	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	158329	51.835	ug/l	98
22) Diisopropyl ether	6.13	45	427044	52.754	ug/l	98
23) Vinyl Acetate	6.07	43	1285268	240.483	ug/l	100
24) 1,1-Dichloroethane	6.02	63	253769	53.590	ug/l	99
25) 2-Butanone	6.99	43	193754	191.315	ug/l	99
26) 2,2-Dichloropropane	6.99	77	231633	51.003	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	177004	51.765	ug/l	100
28) Bromochloromethane	7.34	49	99748	51.312	ug/l	100
29) Tetrahydrofuran	7.35	42	129370	196.385	ug/l	99
30) Chloroform	7.51	83	268161	53.366	ug/l	95
31) Cyclohexane	7.79	56	229543	48.823	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	243555	52.014	ug/l	99
36) 1,1-Dichloropropene	7.92	75	208044	52.597	ug/l	100
37) Ethyl Acetate	7.08	43	89093	41.399	ug/l	99
38) Carbon Tetrachloride	7.91	117	228621	52.029	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	266821	51.177	ug/l	98
40) Benzene	8.16	78	615732	52.683	ug/l	99
41) Methacrylonitrile	7.35	41	123353	106.693	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	159284	48.629	ug/l	99
43) Isopropyl Acetate	8.28	43	172611	42.325	ug/l	98
44) Trichloroethene	8.94	130	189955	51.454	ug/l	99
45) 1,2-Dichloropropane	9.22	63	147038	52.461	ug/l	99
46) Dibromomethane	9.31	93	80440	48.325	ug/l	98
47) Bromodichloromethane	9.50	83	205303	52.318	ug/l	98
48) Methyl methacrylate	9.30	41	79230	43.036	ug/l	100
49) 1,4-Dioxane	9.30	88	21176	828.527	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	437790	202.727	ug/l	100
52) Toluene	10.24	92	399507	52.252	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	214214	49.979	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	249331	51.338	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	121960	47.858	ug/l	96
56) Ethyl methacrylate	10.51	69	154174	45.169	ug/l	99
57) 1,3-Dichloropropane	10.79	76	202941	48.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	360254	216.001	ug/l	99
59) 2-Hexanone	10.83	43	304265	198.578	ug/l	100
60) Dibromochloromethane	10.99	129	160310	49.618	ug/l	99
61) 1,2-Dibromoethane	11.09	107	117931	46.913	ug/l	99
64) Tetrachloroethene	10.72	164	200326	50.617	ug/l	99
65) Chlorobenzene	11.52	112	447111	51.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	169286	52.225	ug/l	100
67) Ethyl Benzene	11.59	91	786446	52.708	ug/l	100
68) m/p-Xylenes	11.70	106	606114	104.772	ug/l	99
69) o-Xylene	12.03	106	287058	52.562	ug/l	99
70) Styrene	12.05	104	498357	52.639	ug/l	100
71) Bromoform	12.21	173	101537	46.814	ug/l #	99
73) Isopropylbenzene	12.33	105	788389	53.288	ug/l	100
74) N-amyl acetate	12.14	43	169806	44.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	118042	45.474	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	175988	84.600	ug/l #	100
77) Bromobenzene	12.61	156	196483	51.003	ug/l	99
78) n-propylbenzene	12.67	91	919722	53.817	ug/l	100
79) 2-Chlorotoluene	12.76	91	509778	53.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	661054	53.514	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	48993	44.371	ug/l	99
82) 4-Chlorotoluene	12.86	91	537091	53.475	ug/l	99
83) tert-Butylbenzene	13.08	119	580486	52.681	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	666619	53.669	ug/l	99
85) sec-Butylbenzene	13.25	105	807978	53.628	ug/l	100
86) p-Isopropyltoluene	13.37	119	753316	53.735	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	378952	51.932	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	375249	51.407	ug/l	100
89) n-Butylbenzene	13.70	91	688109	54.063	ug/l	100
90) Hexachloroethane	13.96	117	141895	54.065	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	338067	51.085	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	21064	42.177	ug/l	96

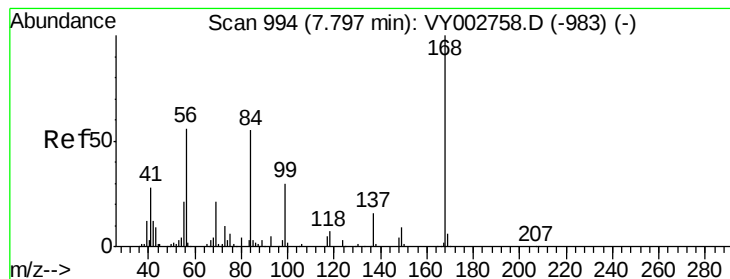
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	251467	50.413	ug/l	100
94) Hexachlorobutadiene	15.11	225	149472	52.832	ug/l	99
95) Naphthalene	15.23	128	438578	43.852	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	216557	48.617	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

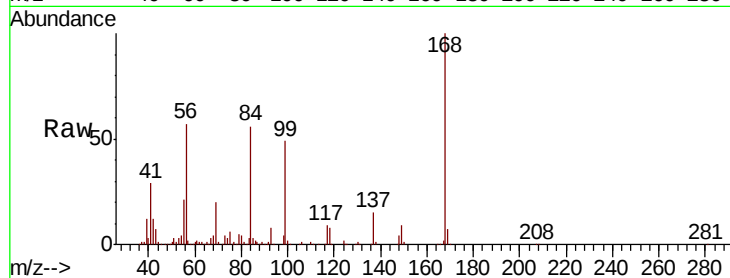
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 319269

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002758.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002758.D (-983) (-)

7.80

150000

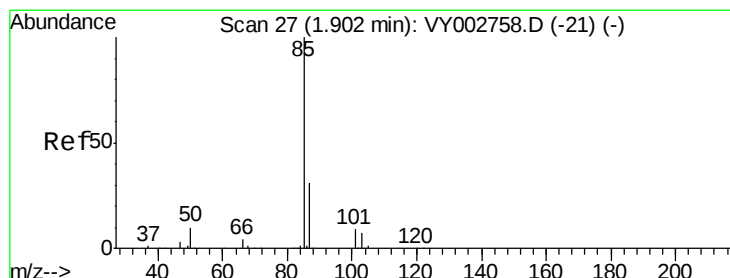
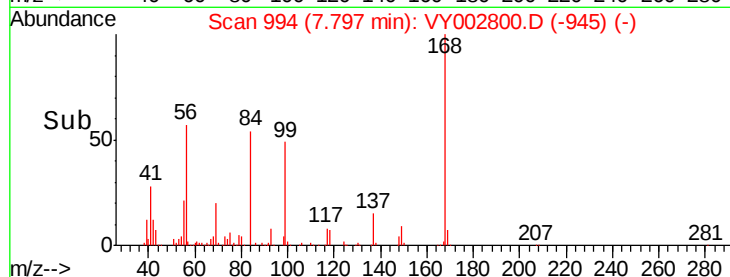
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.535 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002800.D

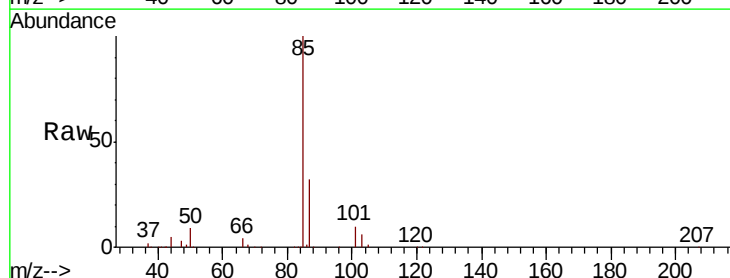
Acq: 29 May 2020 15:55

Tgt Ion: 85 Resp: 102229

Ion Ratio Lower Upper

85 100

87 32.1 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VY002758.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002758.D (-21) (-)

1.91

80000

60000

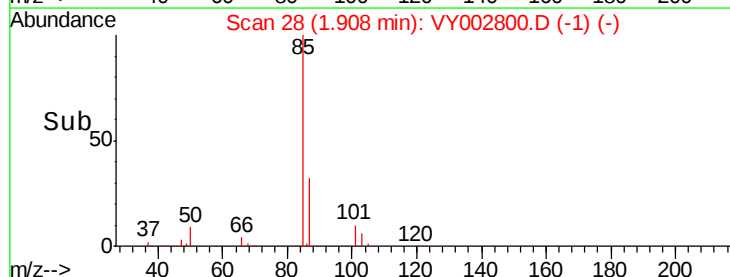
40000

20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.902 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

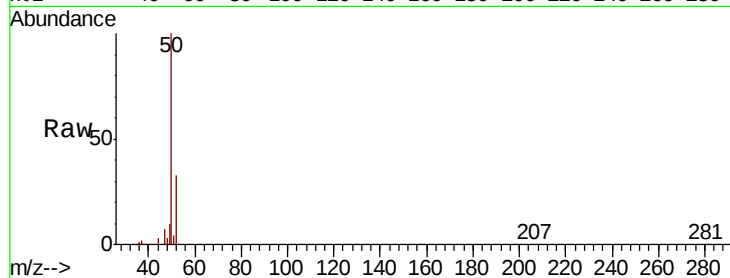
ClientSampleId :

Tot Ion: 50 Resp: 116398

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY002800.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY002800.D (-13) (-)

2.12

80000

60000

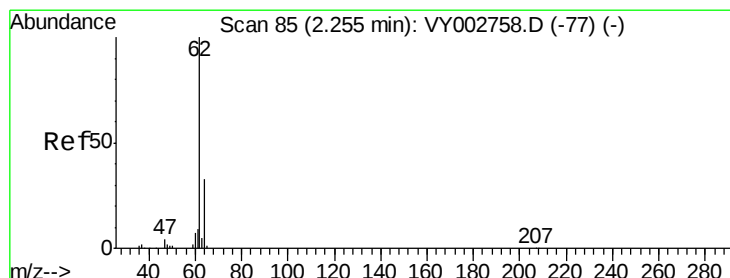
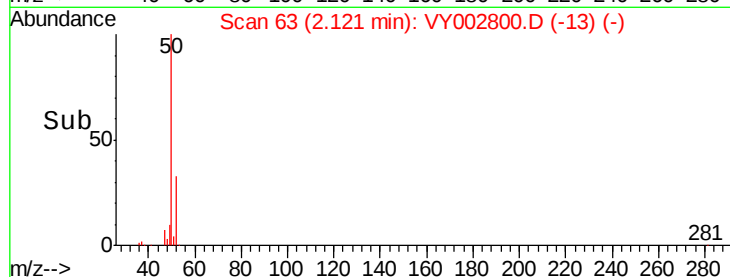
40000

20000

0

2.05 2.10 2.15 2.20 2.25

Time-->



#4

Vinyl Chloride

Concen: 49.142 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002800.D

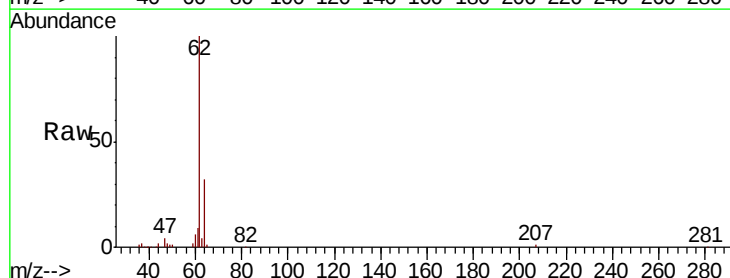
Acq: 29 May 2020 15:55

Tgt Ion: 62 Resp: 126214

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY002800.D (-36) (-)

Ion 63.90 (63.60 to 64.60): VY002800.D (-36) (-)

2.26

80000

60000

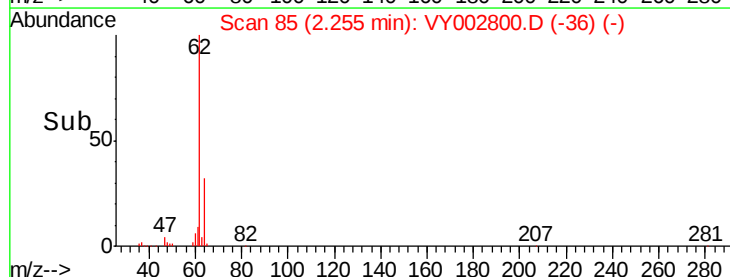
40000

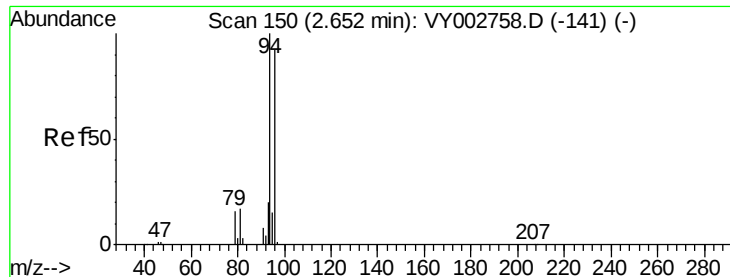
20000

0

2.20 2.30 2.40

Time-->





#5

Bromomethane

Concen: 51.478 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

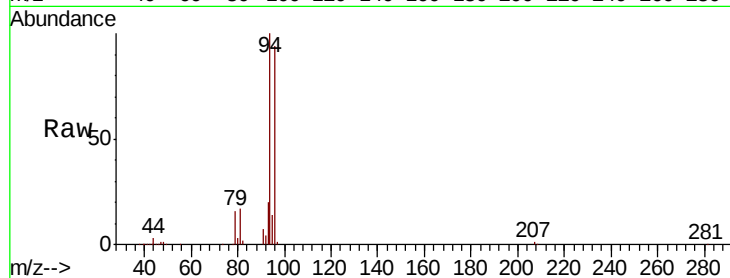
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 94 Resp: 99079

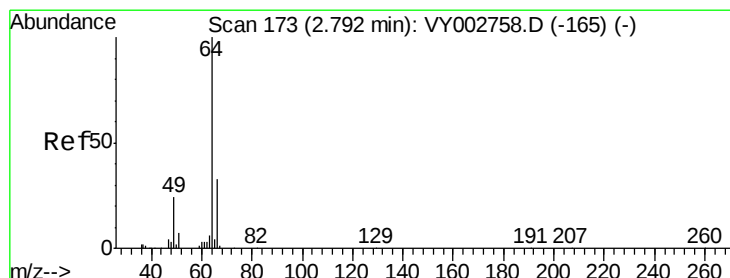
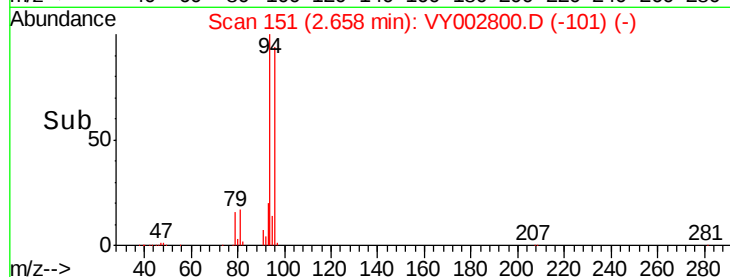
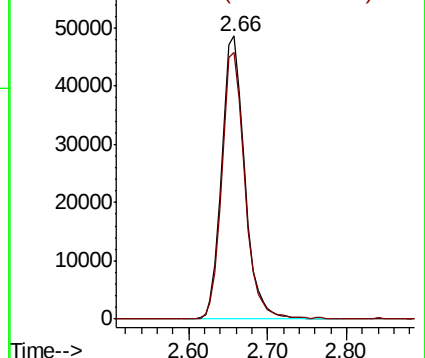
Ion Ratio Lower Upper

94 100

96 94.2 73.7 110.5



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



#6

Chloroethane

Concen: 52.116 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002800.D

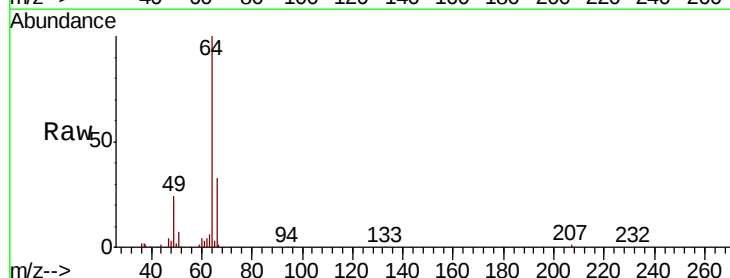
Acq: 29 May 2020 15:55

Tgt Ion: 64 Resp: 86770

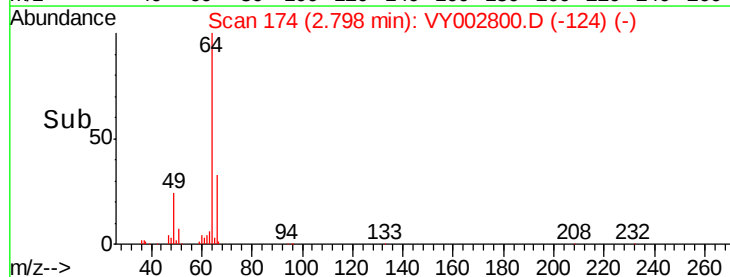
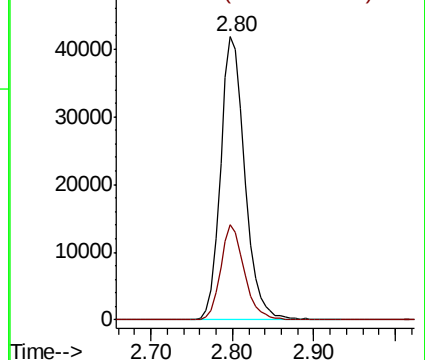
Ion Ratio Lower Upper

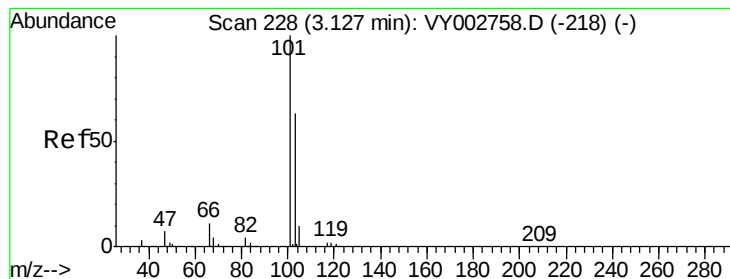
64 100

66 33.4 26.4 39.6



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



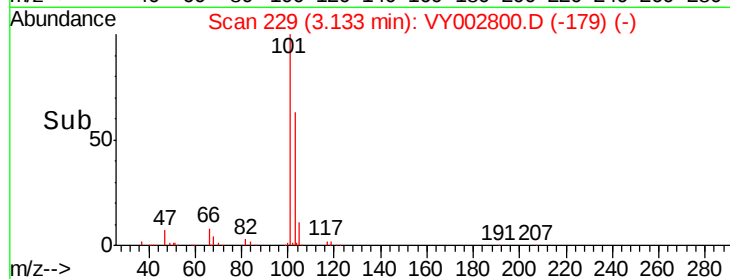
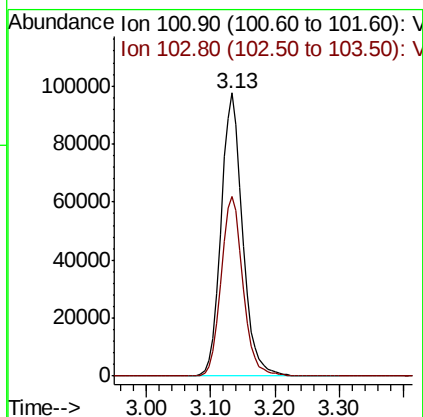
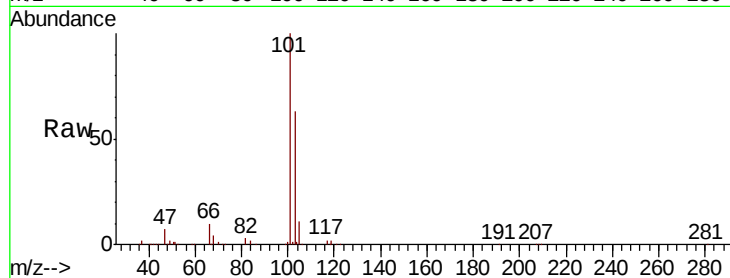


#7

Trichlorofluoromethane
Concen: 50.538 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampled :

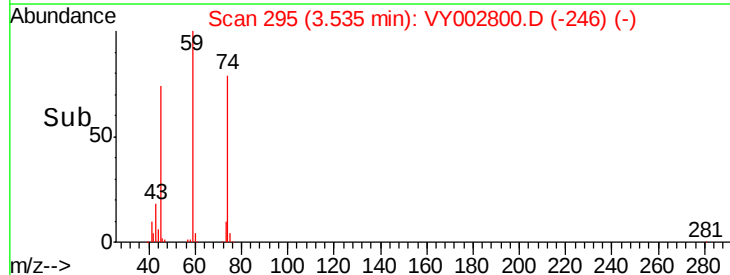
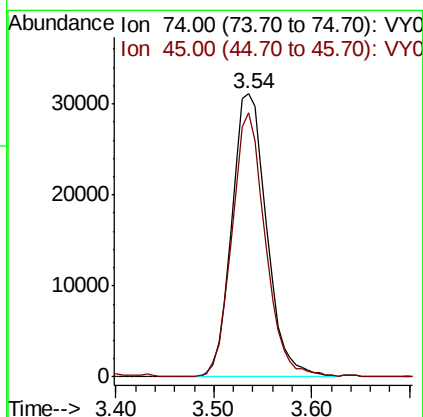
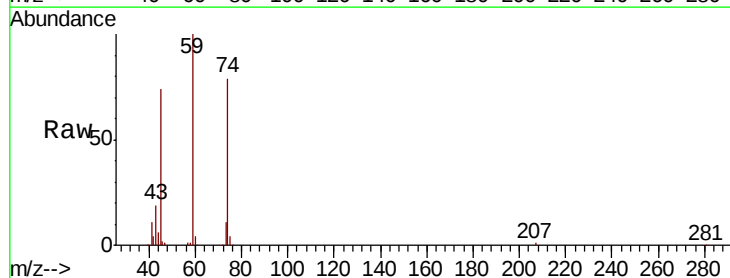
Tot Ion:101 Resp: 229887
Ion Ratio Lower Upper
101 100
103 63.4 50.6 76.0

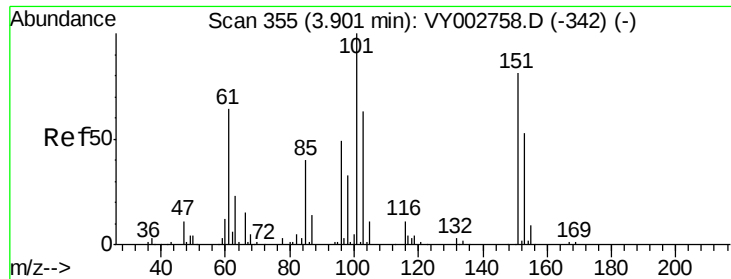


#8

Diethyl Ether
Concen: 43.506 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 74 Resp: 77273
Ion Ratio Lower Upper
74 100
45 89.3 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.215 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampled :

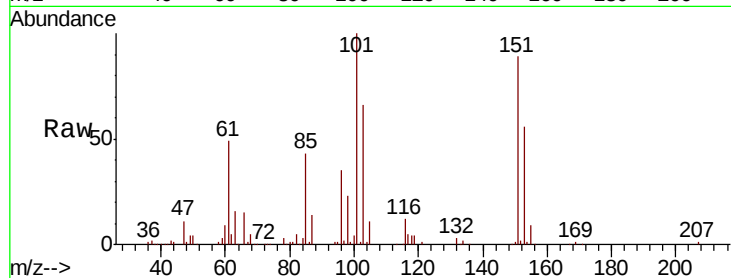
Tot Ion:101 Resp: 141020

Ion Ratio Lower Upper

101 100

85 41.7 32.7 49.1

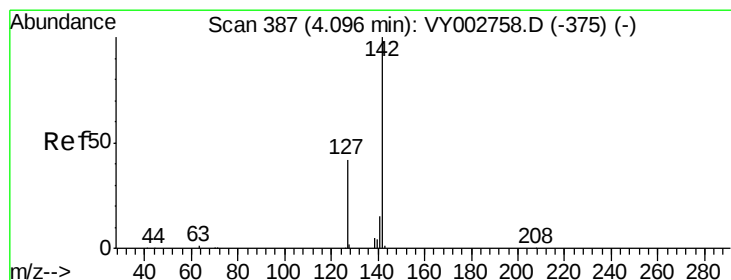
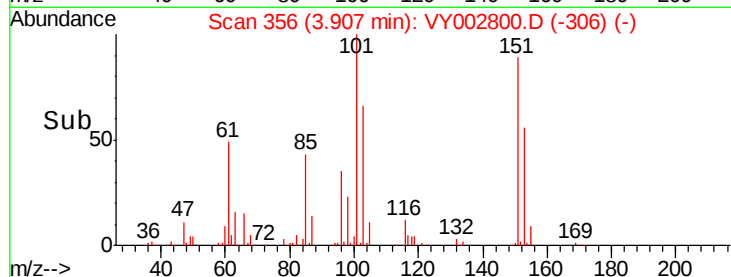
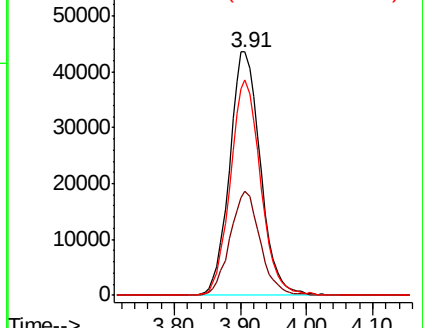
151 86.6 68.0 102.0



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: 53.137 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

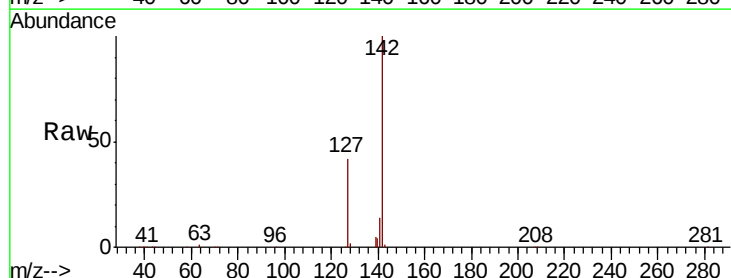
Tgt Ion:142 Resp: 200809

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

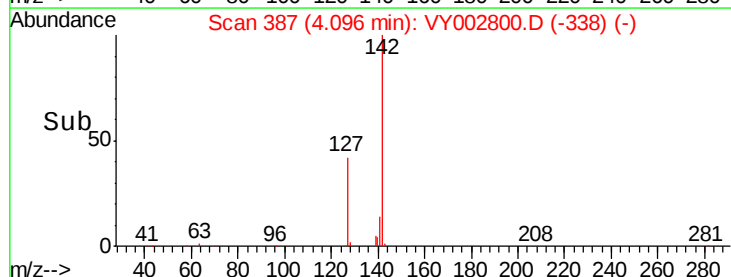
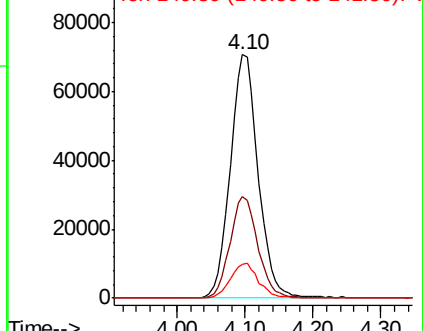
141 14.4 11.5 17.3



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



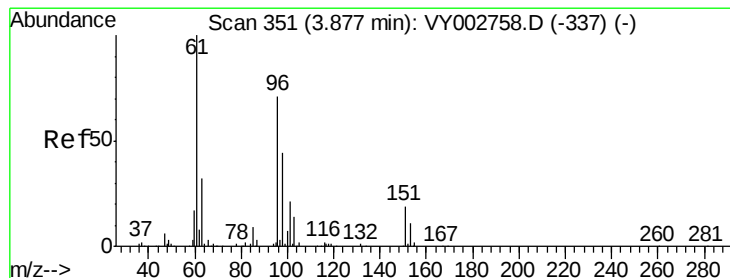
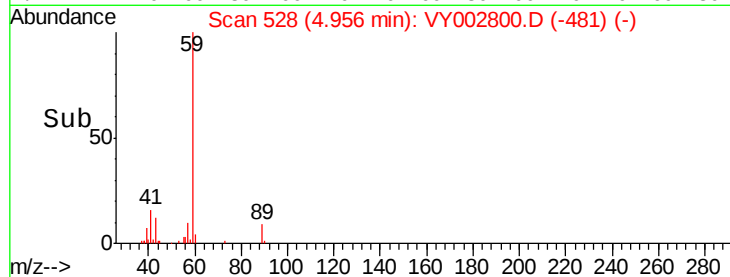
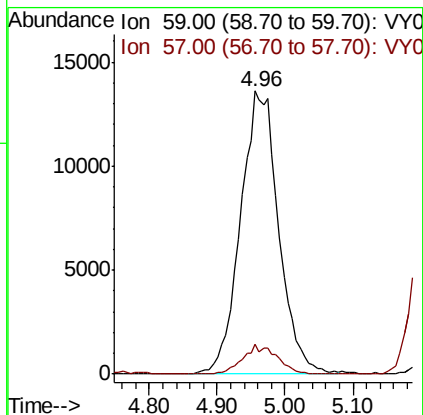
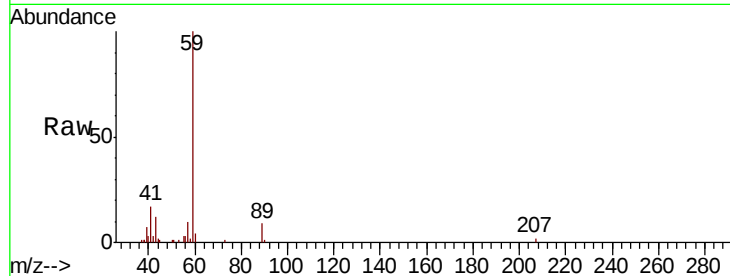


#11

Tert butyl alcohol
 Concen: 174.263 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :

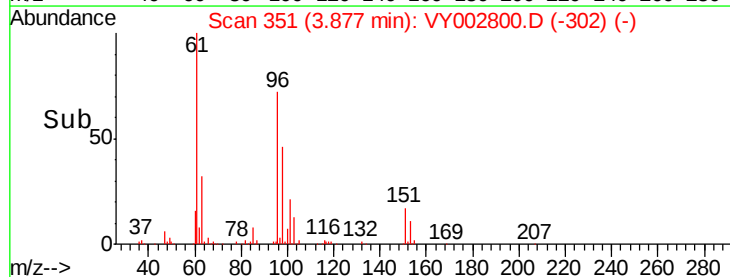
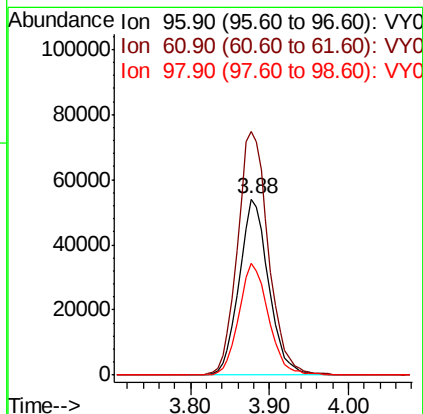
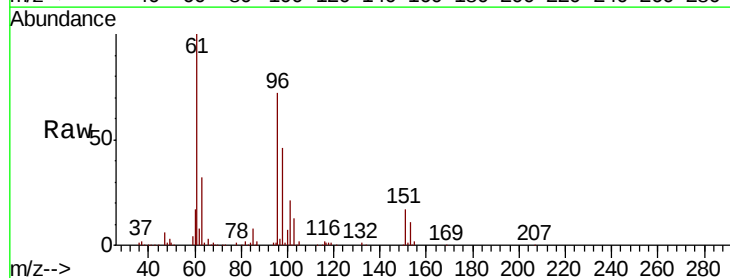
Tot Ion: 59 Resp: 53074
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.7 11.5

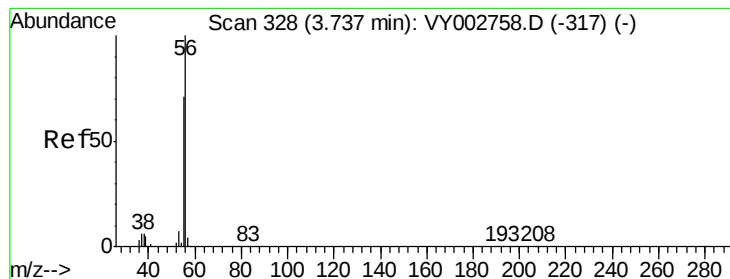


#12

1,1-Dichloroethene
 Concen: 51.818 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 96 Resp: 140741
 Ion Ratio Lower Upper
 96 100
 61 138.1 112.6 168.8
 98 63.8 50.0 75.0





#13

Acrolein

Concen: 197.711 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

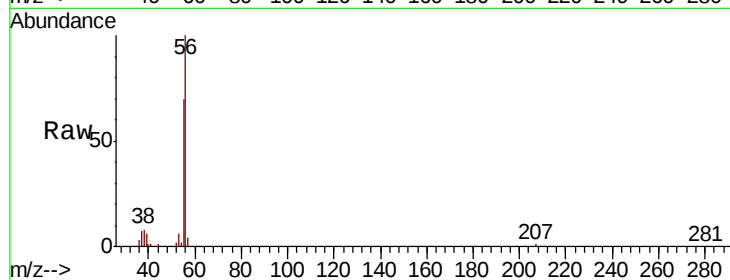
ClientSampled :

Tot Ion: 56 Resp: 64229

Ion Ratio Lower Upper

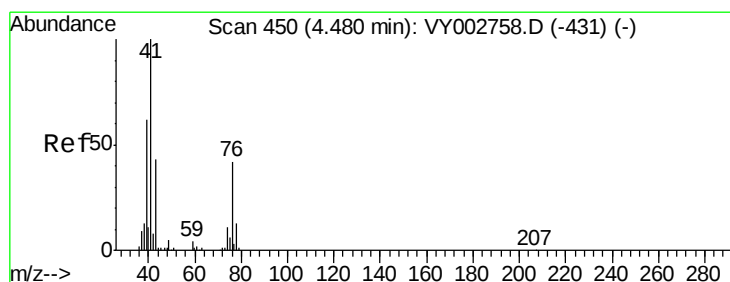
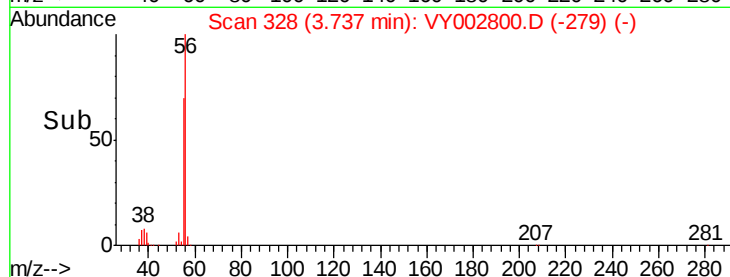
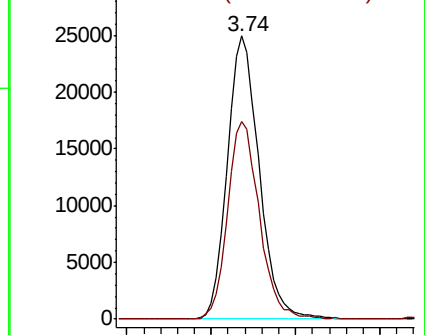
56 100

55 69.7 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.592 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

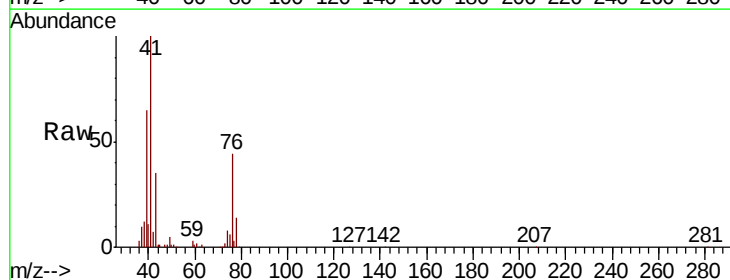
Tgt Ion: 41 Resp: 204871

Ion Ratio Lower Upper

41 100

39 63.5 49.9 74.9

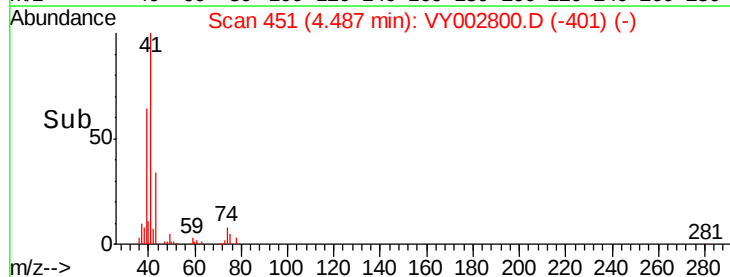
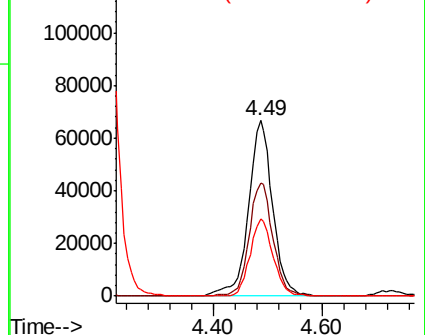
76 42.1 33.2 49.8

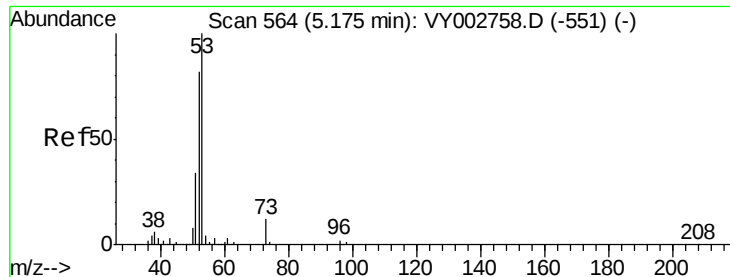


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 209.755 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

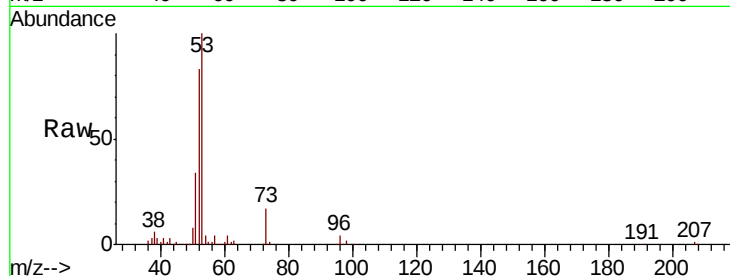
Tot Ion: 53 Resp: 168074

Ion Ratio Lower Upper

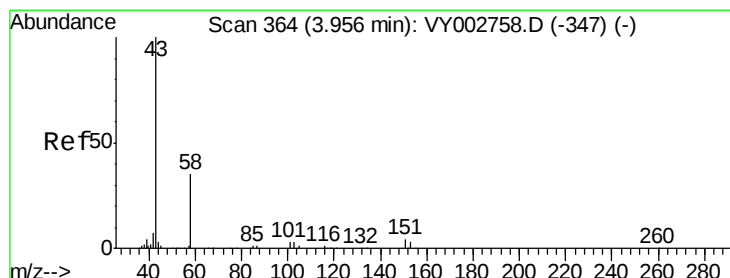
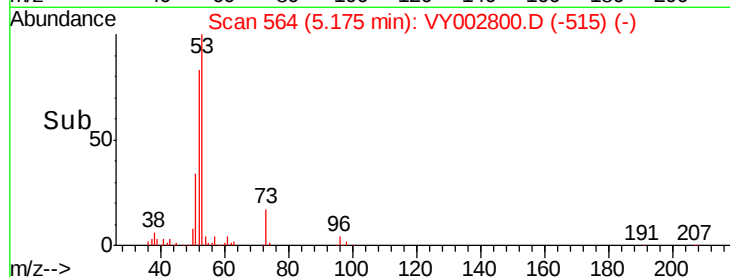
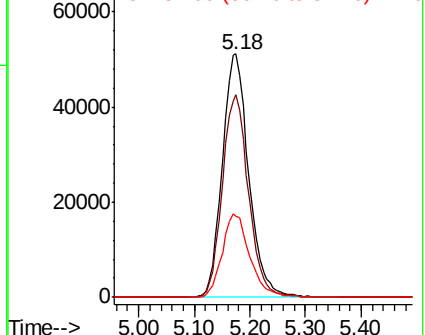
53 100

52 82.4 65.3 97.9

51 35.8 28.0 42.0



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



#16

Acetone

Concen: 186.783 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002800.D

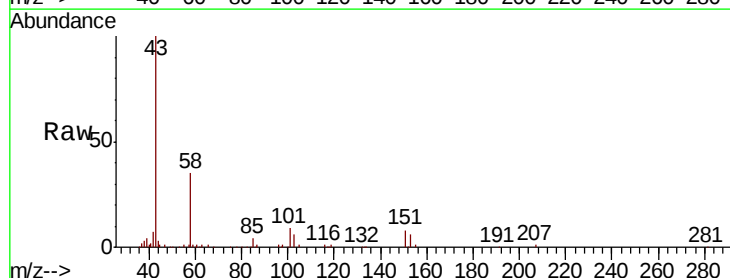
Acq: 29 May 2020 15:55

Tgt Ion: 43 Resp: 121415

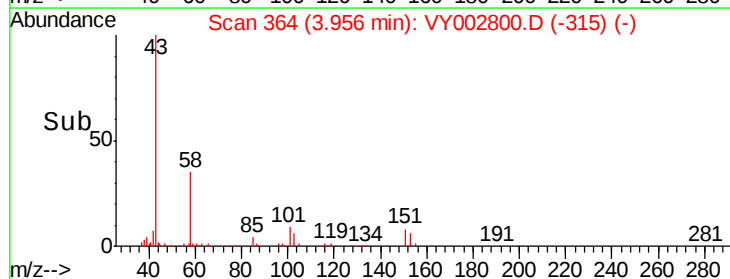
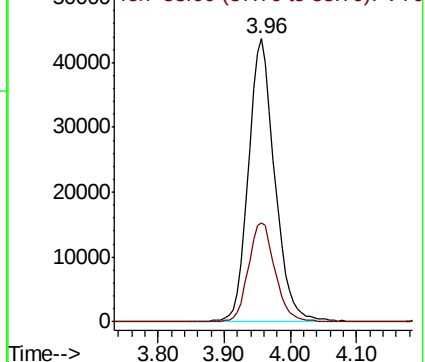
Ion Ratio Lower Upper

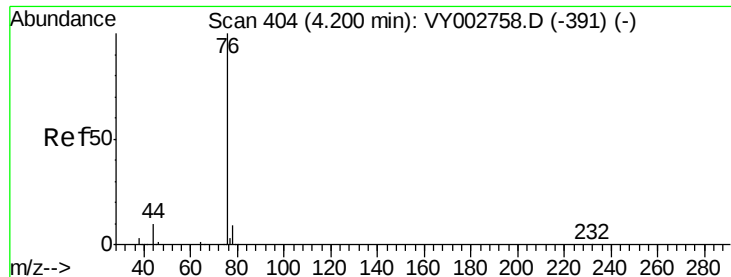
43 100

58 34.8 27.7 41.5



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





#17

Carbon Disulfide

Concen: 50.659 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

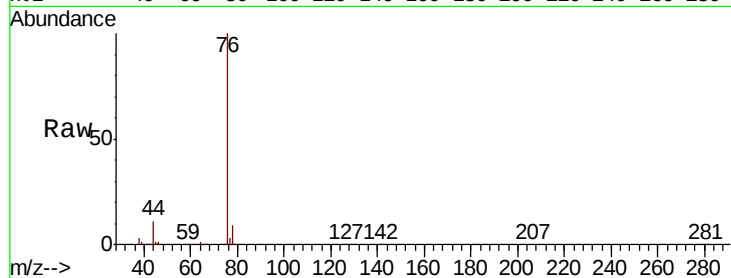
ClientSampleId :

Tot Ion: 76 Resp: 415787

Ion Ratio Lower Upper

76 100

78 8.7 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY002800.D (-391) (-)

Ion 77.90 (77.60 to 78.60): VY002800.D (-391) (-)

4.20

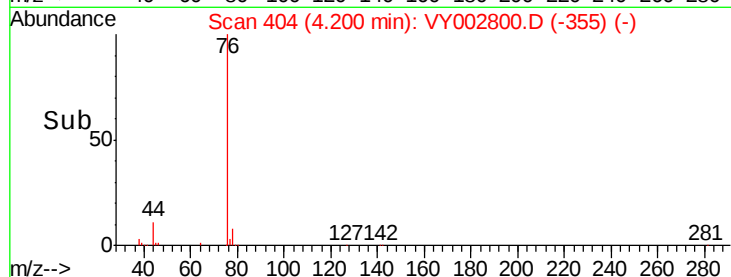
150000

100000

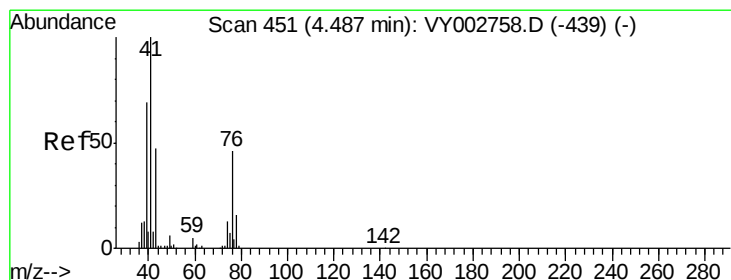
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 41.939 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002800.D

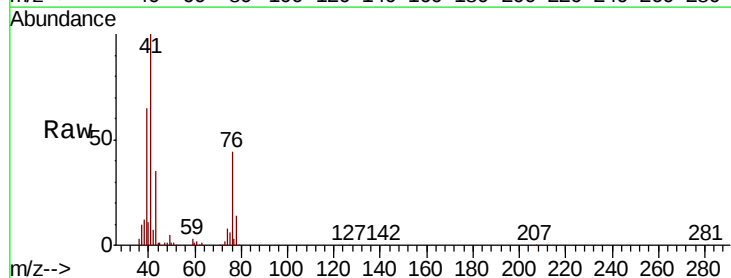
Acq: 29 May 2020 15:55

Tgt Ion: 43 Resp: 68660

Ion Ratio Lower Upper

43 100

74 25.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.30): VY002800.D (-439) (-)

Ion 74.00 (73.70 to 74.30): VY002800.D (-439) (-)

4.49

25000

20000

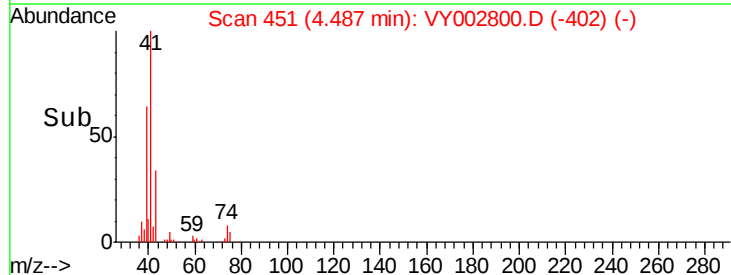
15000

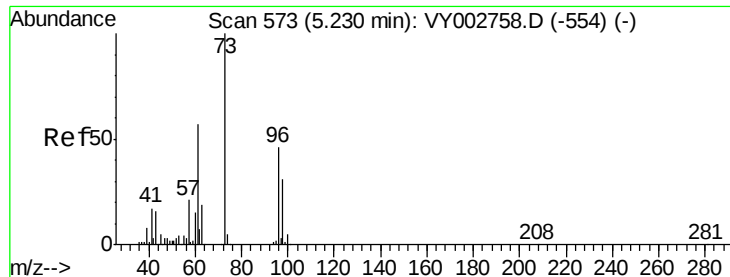
10000

5000

0

Time-->

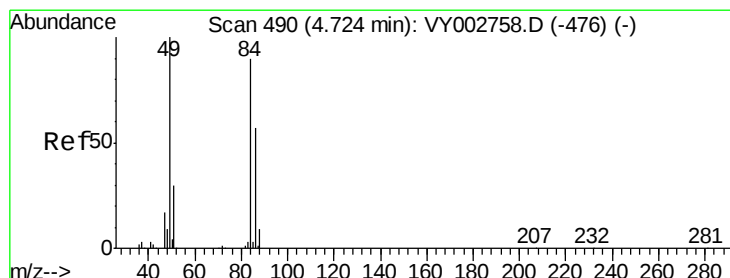
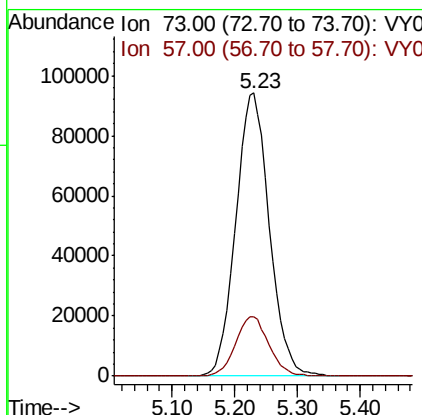
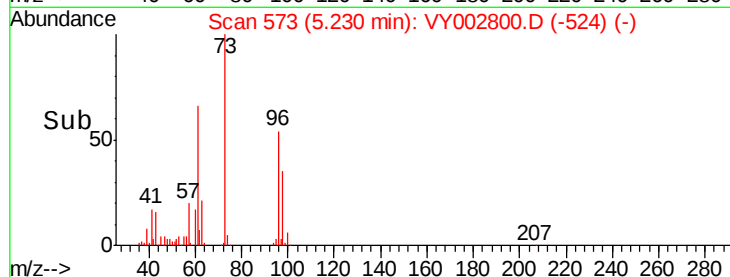
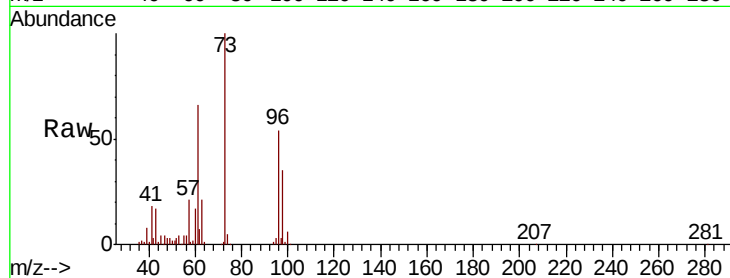




#19
Methvl tert-butvl Ether
Concen: 46.442 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

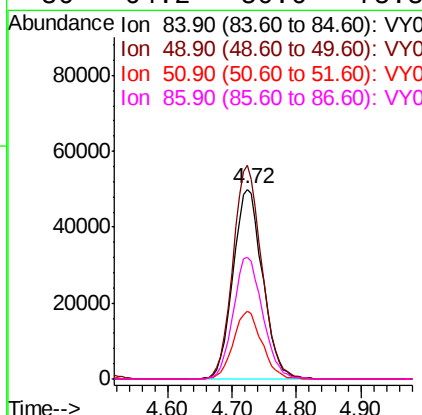
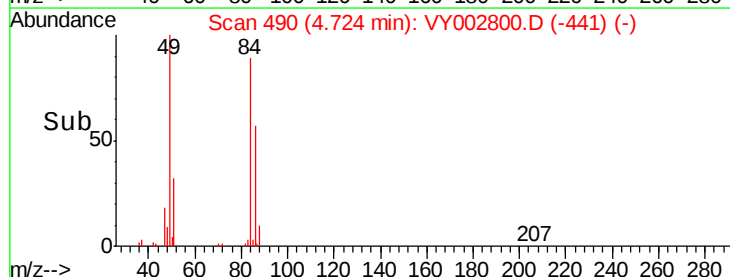
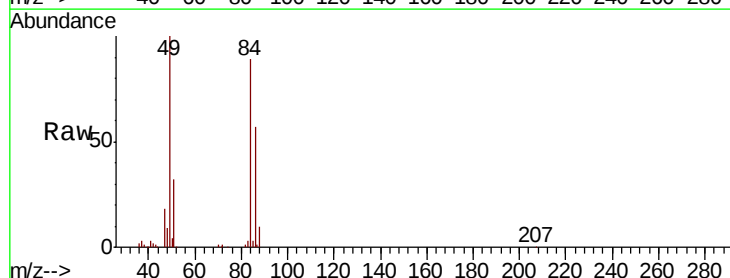
Instrument :
MSVOA_Y
ClientSampled :

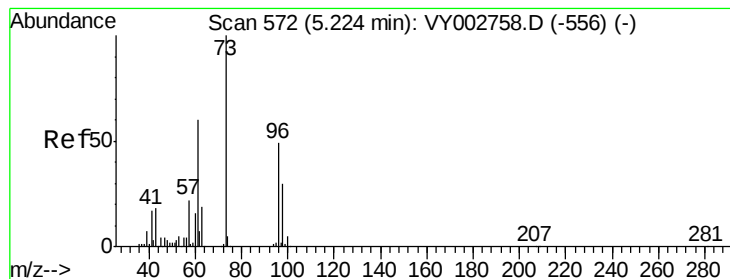
Tot Ion: 73 Resp: 348228
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4



#20
Methylene Chloride
Concen: 50.224 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 84 Resp: 159545
Ion Ratio Lower Upper
84 100
49 112.4 88.5 132.7
51 35.5 26.8 40.2
86 64.2 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 51.835 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

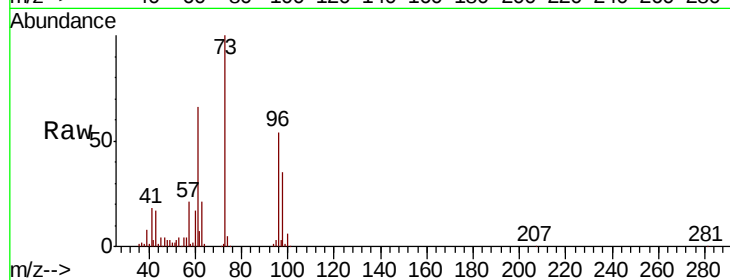
Tot Ion: 96 Resp: 158329

Ion Ratio Lower Upper

96 100

61 122.5 96.8 145.2

98 64.2 49.4 74.0

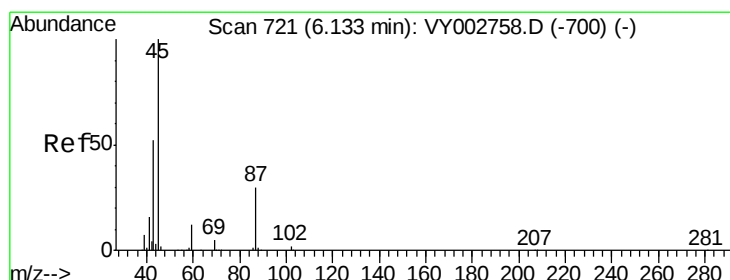
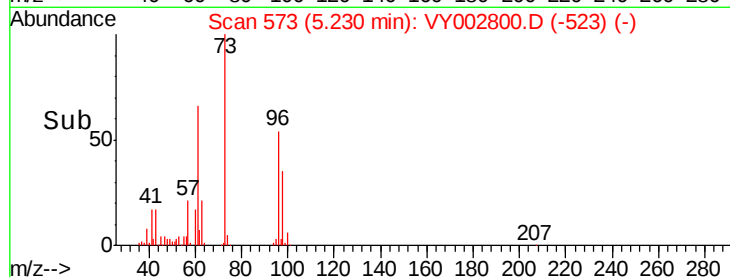
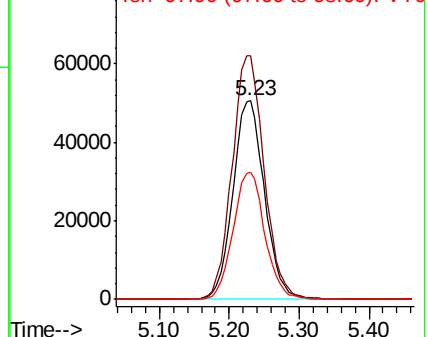


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 52.754 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Tgt Ion: 45 Resp: 427044

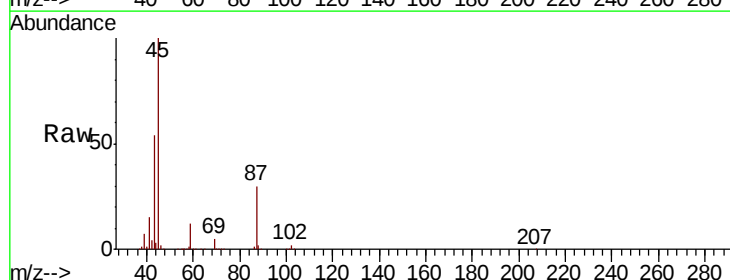
Ion Ratio Lower Upper

45 100

43 54.0 41.7 62.5

87 30.2 24.2 36.2

59 12.1 9.8 14.8



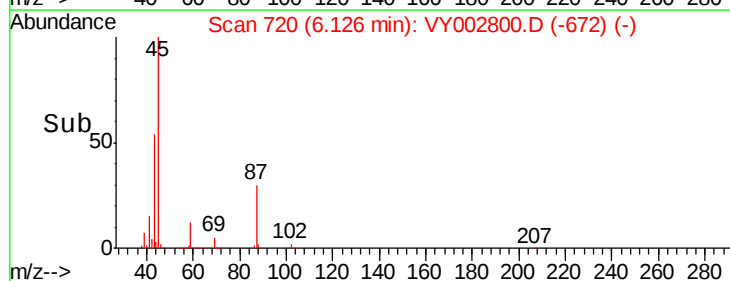
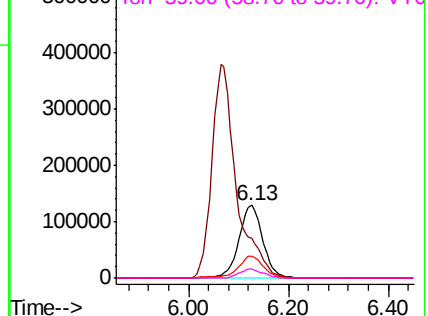
Abundance

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: 240.483 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

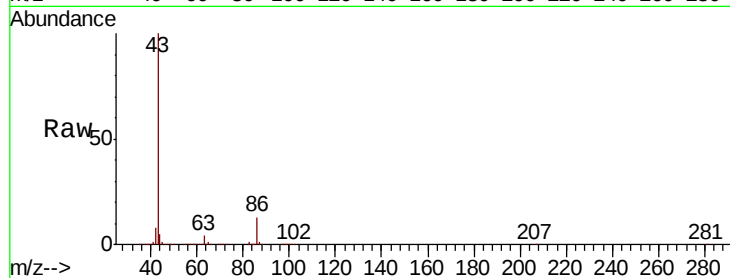
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 1285268

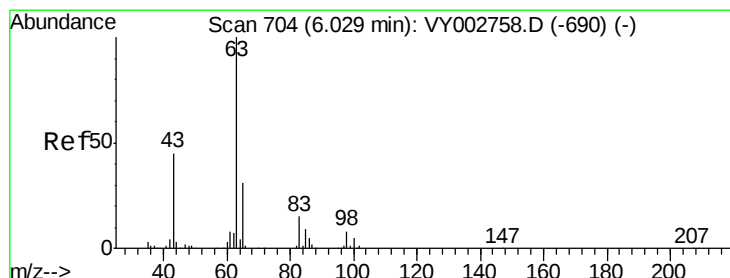
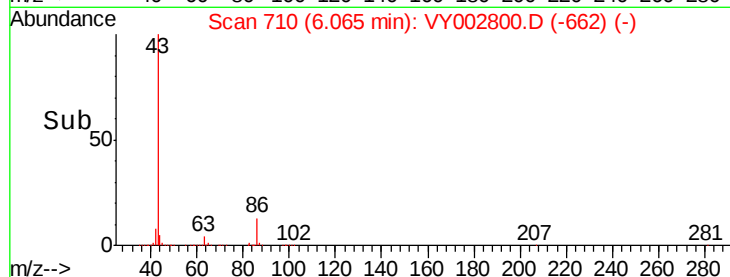
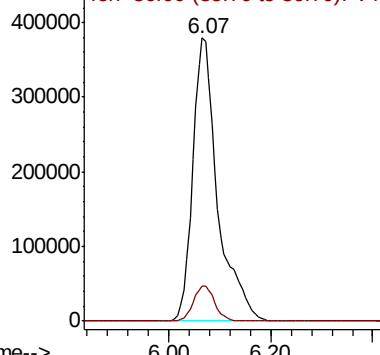
Ion Ratio Lower Upper

43 100

86 12.6 10.2 15.2



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



#24

1,1-Dichloroethane

Concen: 53.590 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

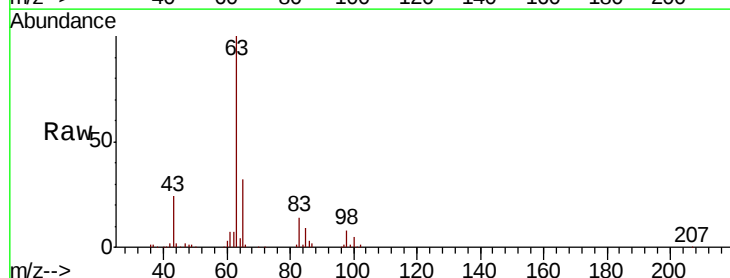
Tgt Ion: 63 Resp: 253769

Ion Ratio Lower Upper

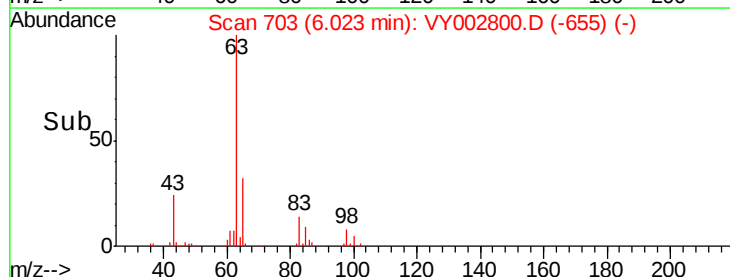
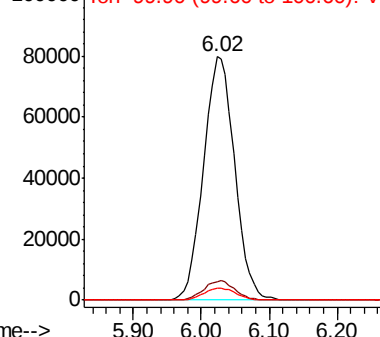
63 100

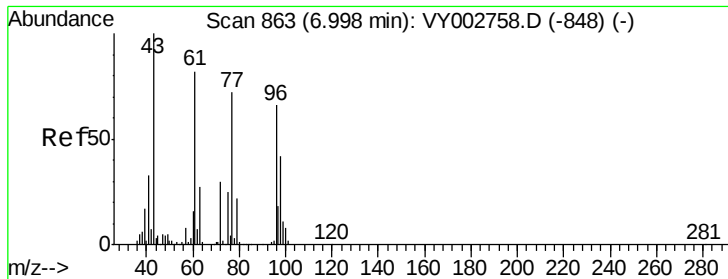
98 7.7 4.0 12.2

100 4.9 2.4 7.1



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

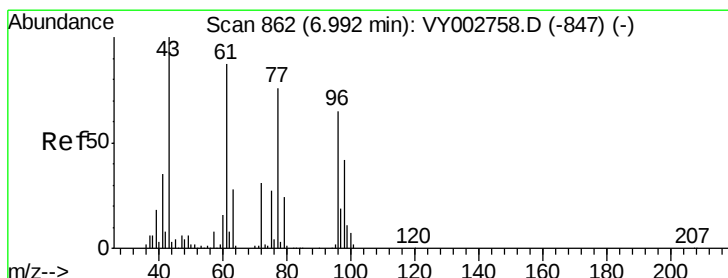
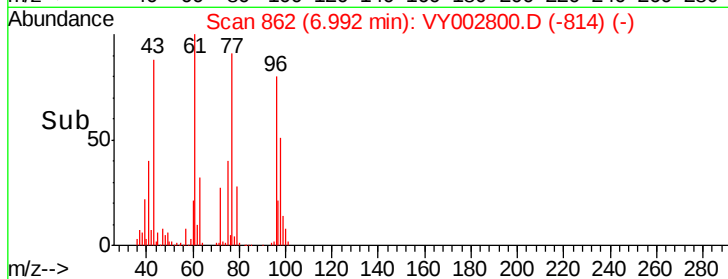
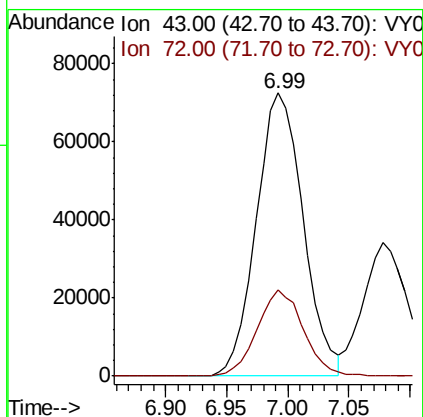
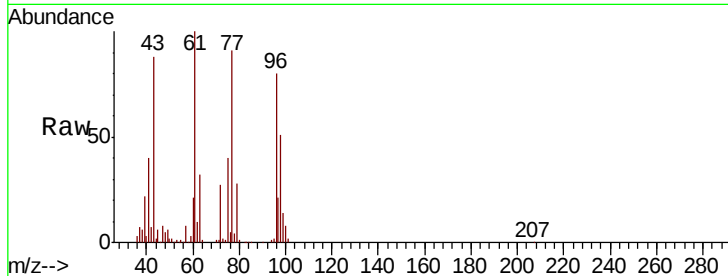




#25
2-Butanone
Concen: 191.315 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

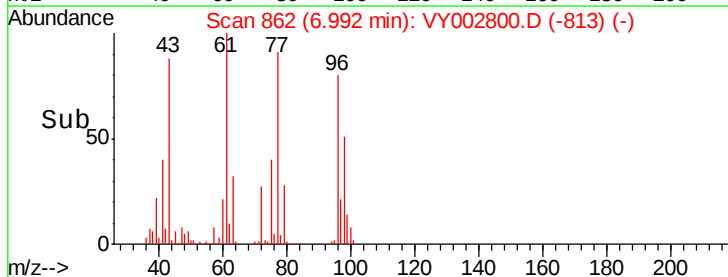
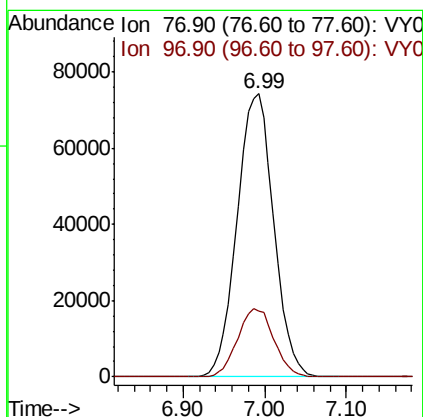
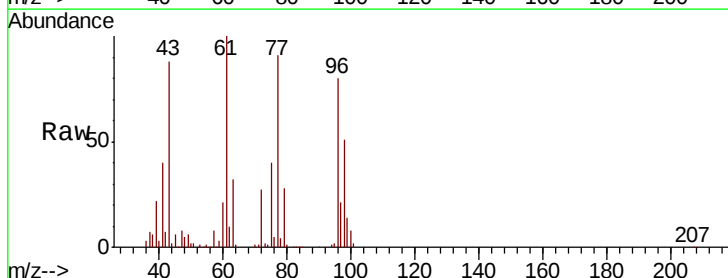
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 193754
Ion Ratio Lower Upper
43 100
72 30.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 51.003 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 77 Resp: 231633
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.6



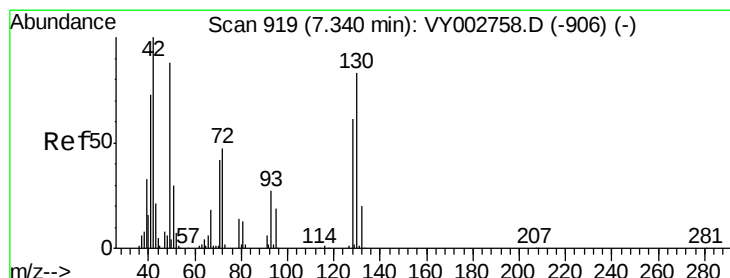
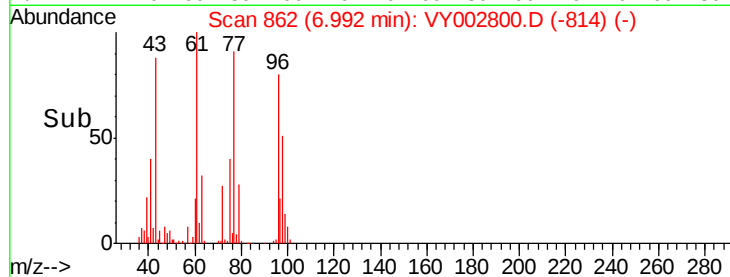
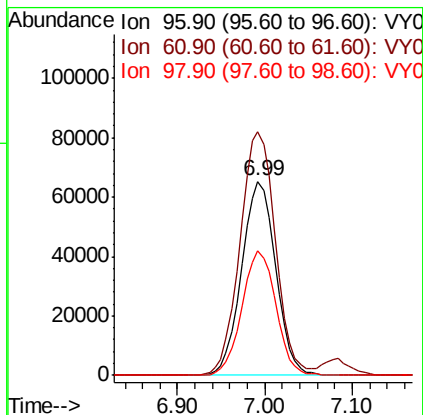
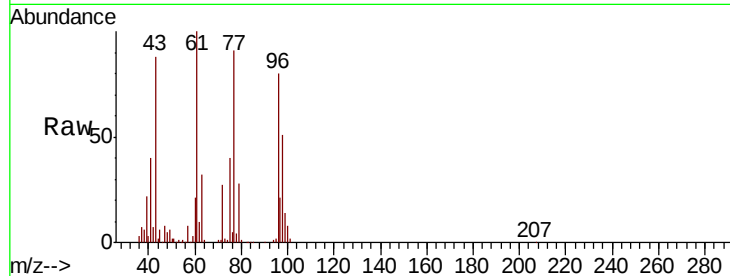


#27

cis-1,2-Dichloroethene
Concen: 51.765 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampled :

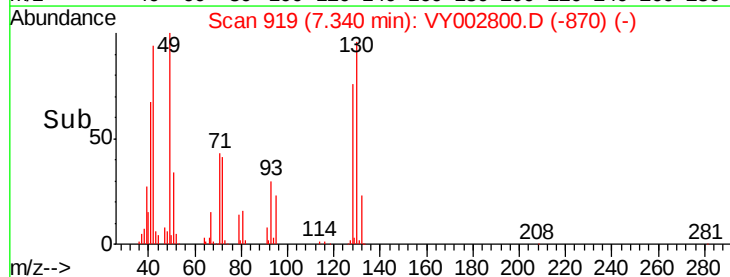
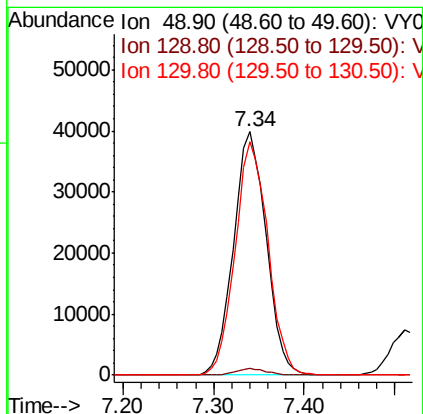
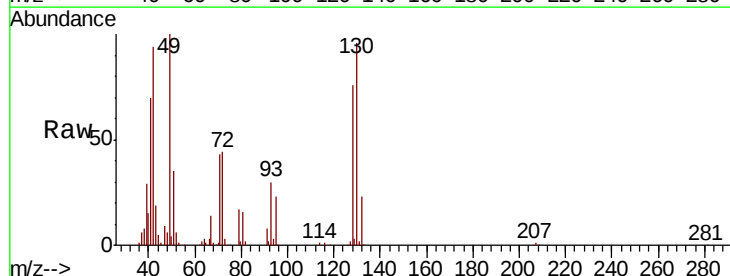
Tot Ion: 96 Resp: 177004
Ion Ratio Lower Upper
96 100
61 130.4 0.0 260.2
98 64.2 0.0 128.2

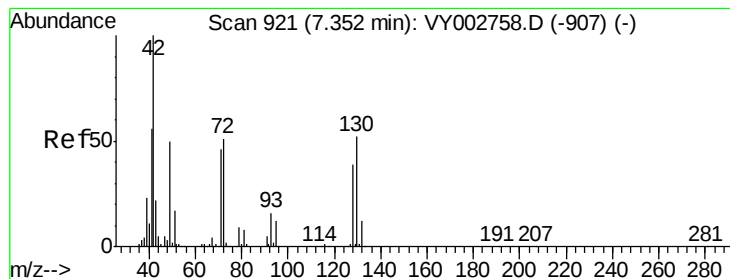


#28

Bromochloromethane
Concen: 51.312 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 49 Resp: 99748
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.2
130 96.0 77.1 115.7





#29

Tetrahydrofuran

Concen: 196.385 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

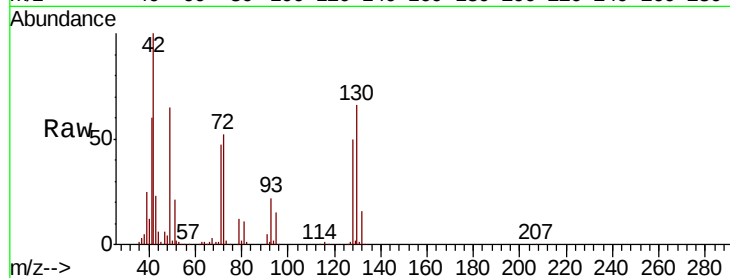
Tot Ion: 42 Resp: 129370

Ion Ratio Lower Upper

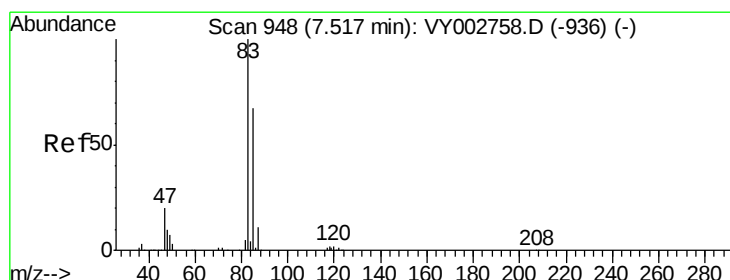
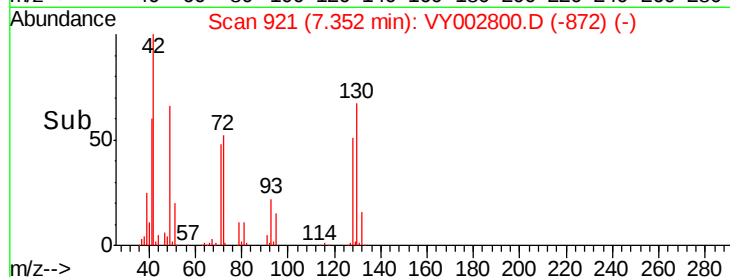
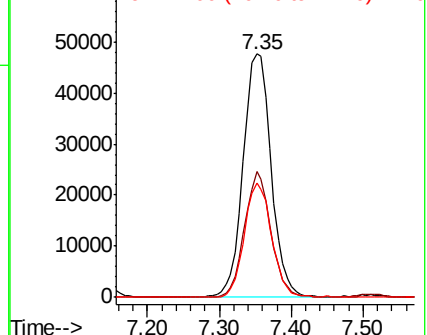
42 100

72 48.3 38.6 58.0

71 45.4 35.8 53.8



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: 53.366 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY002800.D

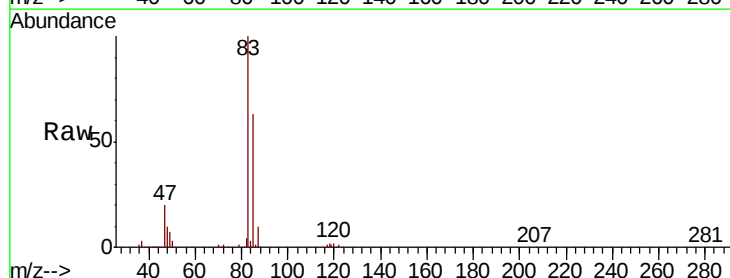
Acq: 29 May 2020 15:55

Tgt Ion: 83 Resp: 268161

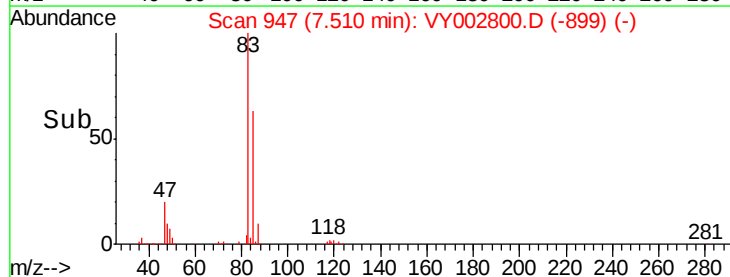
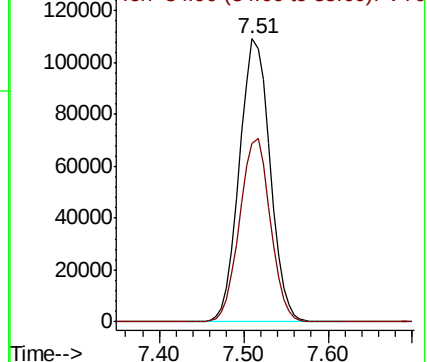
Ion Ratio Lower Upper

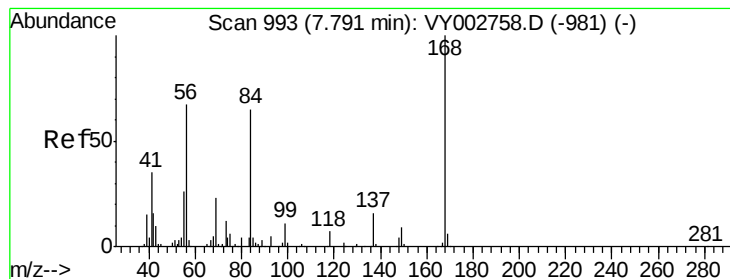
83 100

85 63.1 53.8 80.8



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





#31

Cyclohexane

Concen: 48.823 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

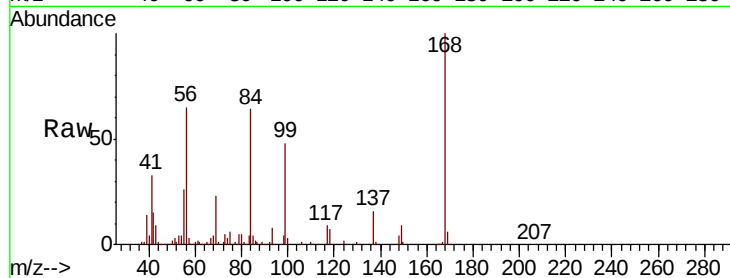
Tot Ion: 56 Resp: 229543

Ion Ratio Lower Upper

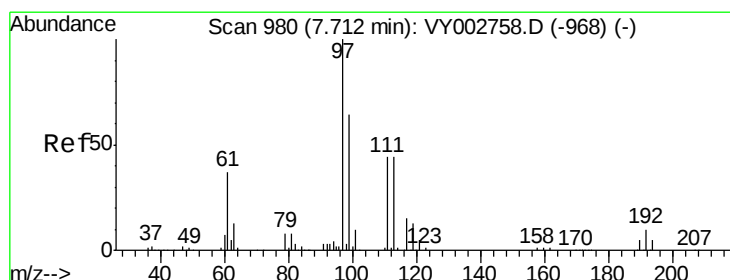
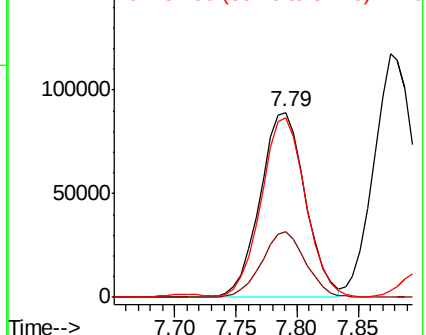
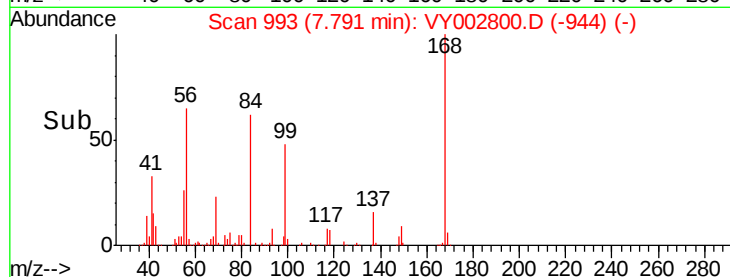
56 100

69 35.5 28.0 42.0

84 95.3 77.7 116.5



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: 52.014 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

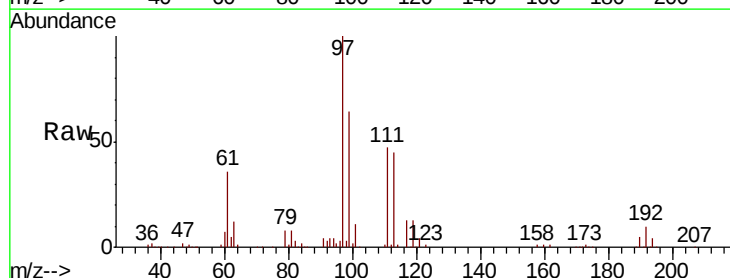
Tgt Ion: 97 Resp: 243555

Ion Ratio Lower Upper

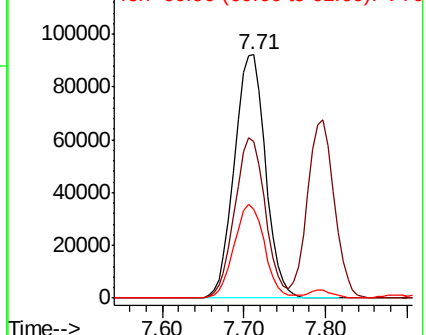
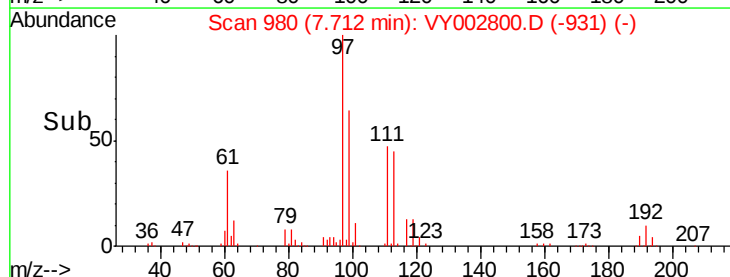
97 100

99 64.7 51.4 77.0

61 37.9 30.1 45.1



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: 44.326 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

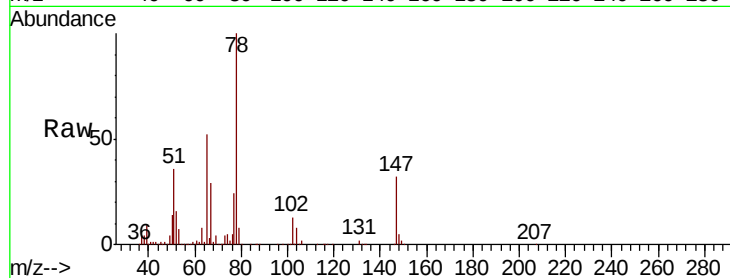
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 65 Resp: 122879

Ion Ratio Lower Upper

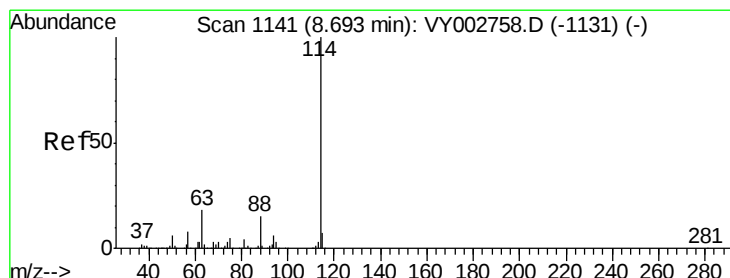
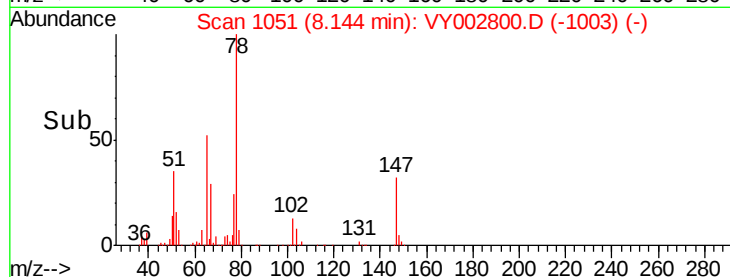
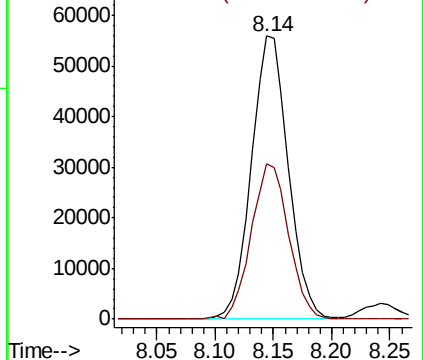
65 100

67 55.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

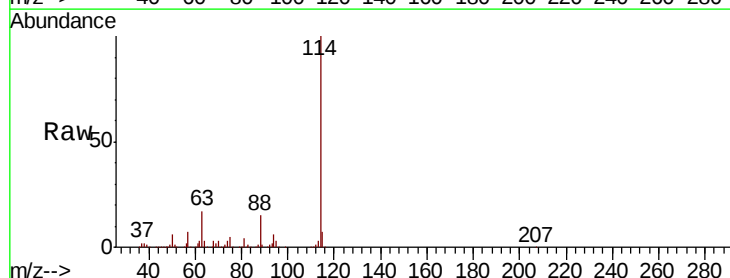
Tgt Ion: 114 Resp: 469560

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

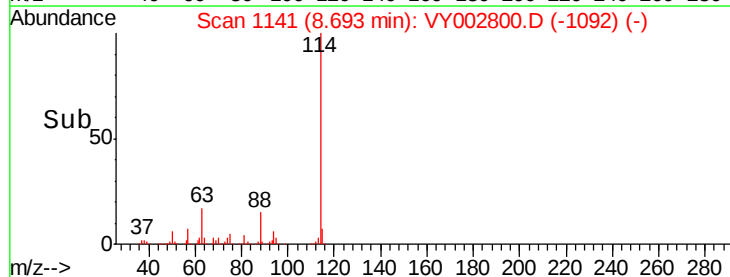
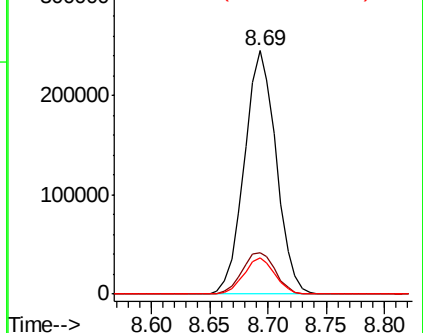
88 14.7 0.0 29.2

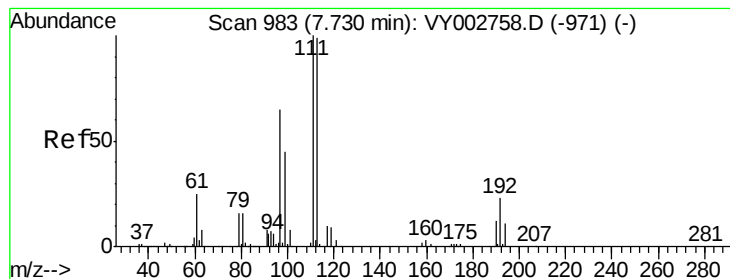


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 48.270 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

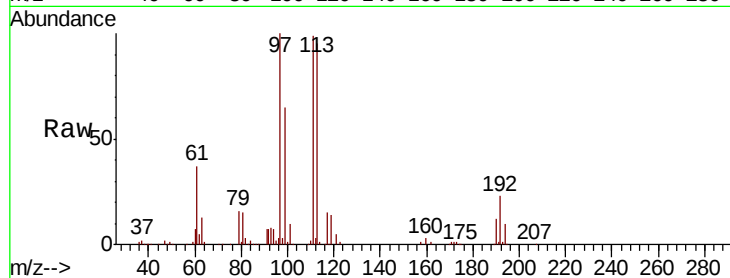
Tot Ion:113 Resp: 132832

Ion Ratio Lower Upper

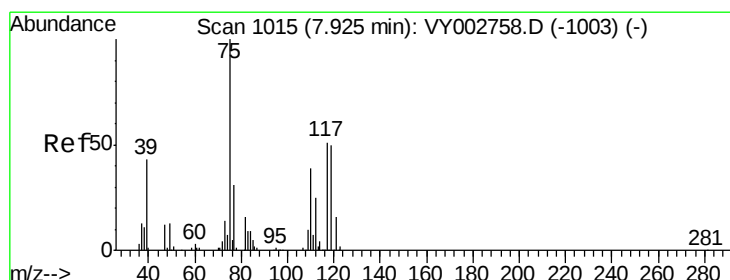
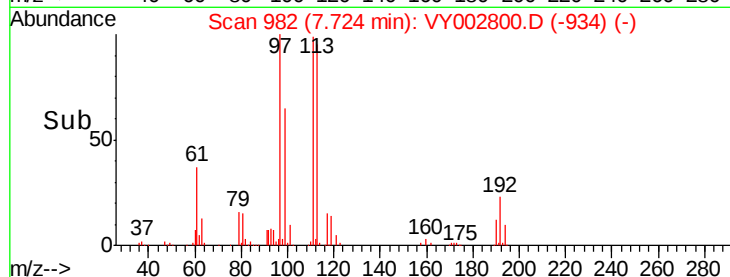
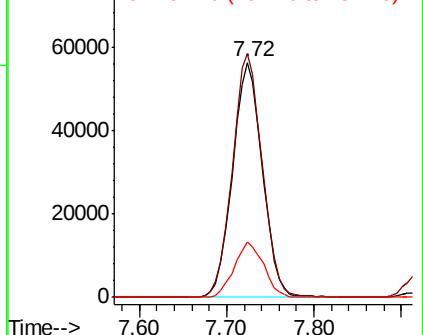
113 100

111 103.7 82.0 123.0

192 23.3 18.9 28.3



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: 52.597 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

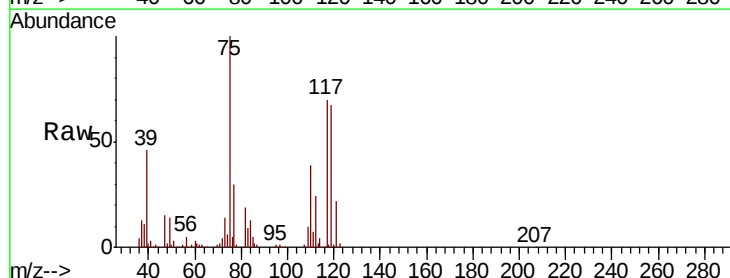
Tgt Ion: 75 Resp: 208044

Ion Ratio Lower Upper

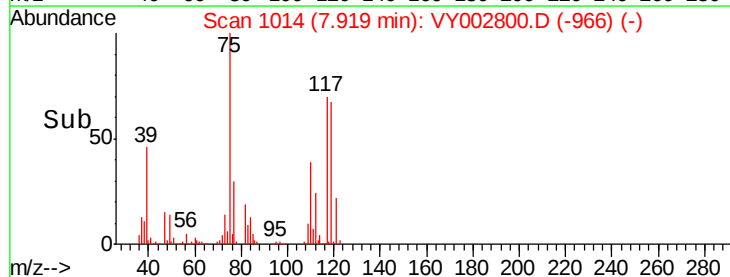
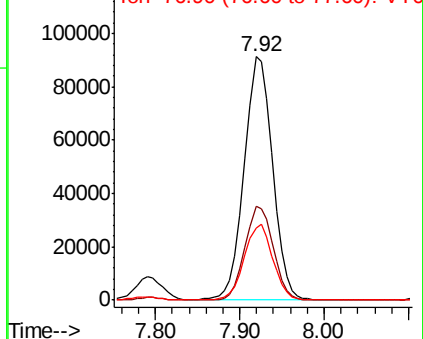
75 100

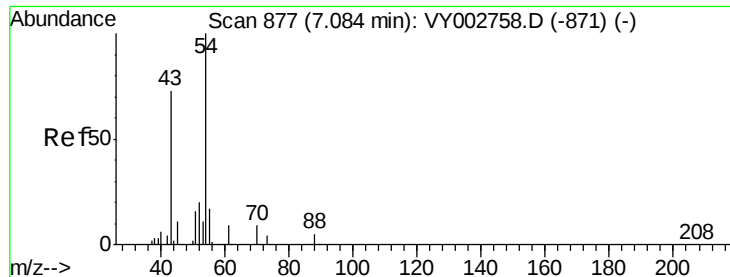
110 38.3 19.3 57.9

77 31.2 24.8 37.2



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

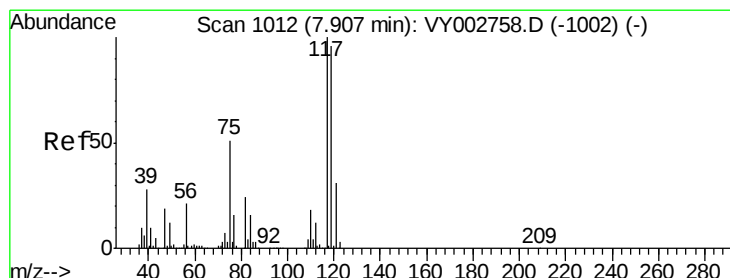
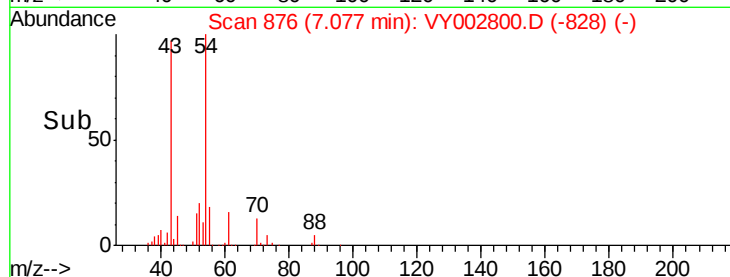
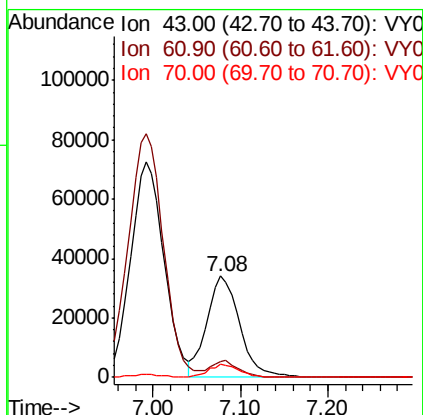
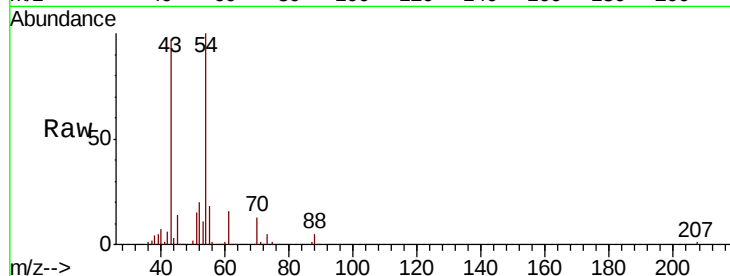




#37
Ethyl Acetate
Concen: 41.399 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

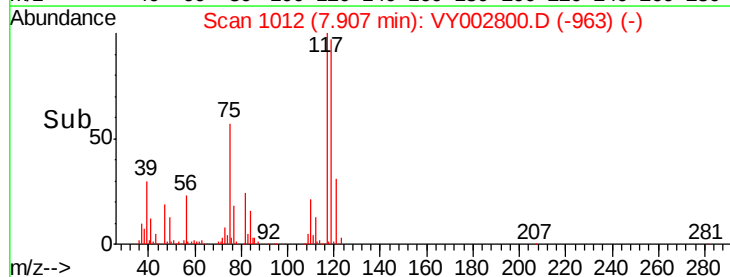
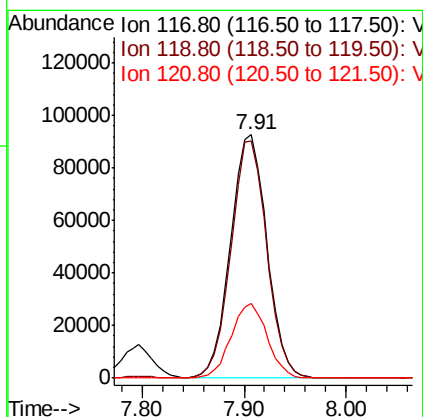
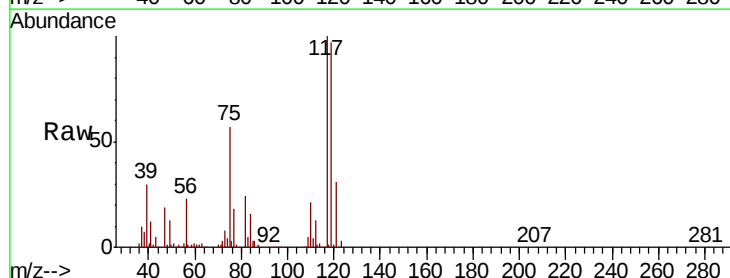
Instrument :
MSVOA_Y
ClientSampled :

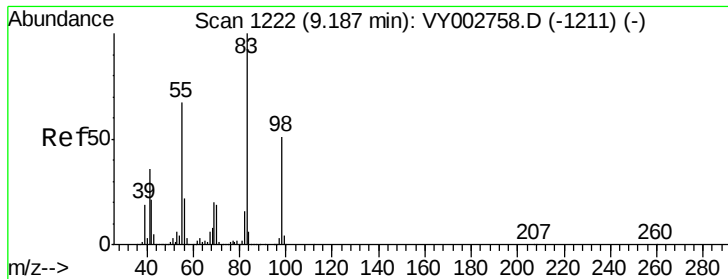
Tot Ion: 43 Resp: 89093
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.9 9.1 13.7



#38
Carbon Tetrachloride
Concen: 52.029 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 117 Resp: 228621
Ion Ratio Lower Upper
117 100
119 97.3 76.8 115.2
121 30.8 24.8 37.2

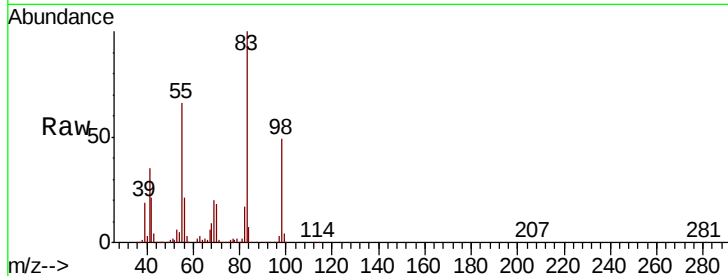




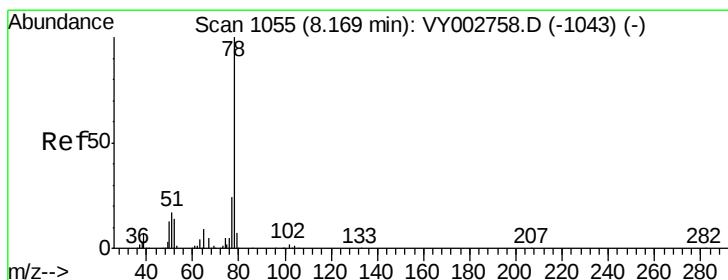
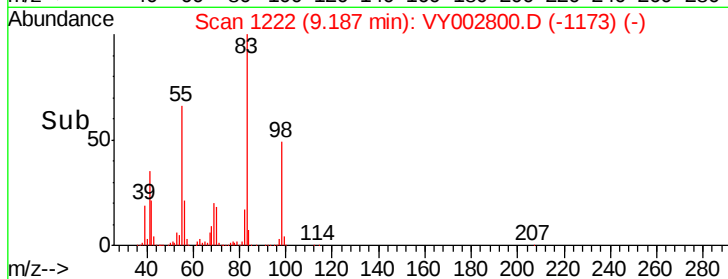
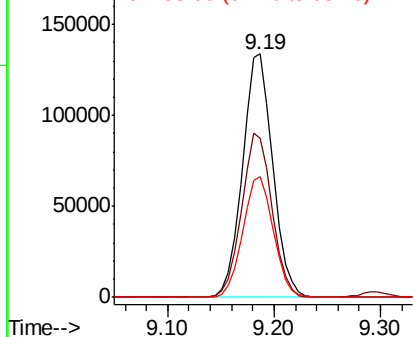
#39
Methvlcvclohexane
Concen: 51.177 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 266821
Ion Ratio Lower Upper
83 100
55 65.5 53.3 79.9
98 49.5 41.1 61.7

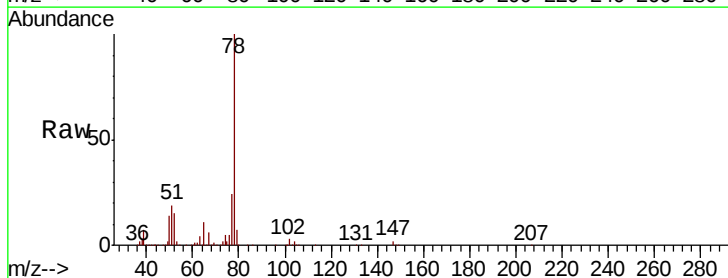


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

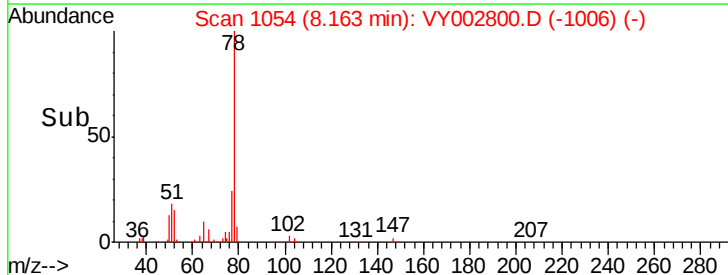
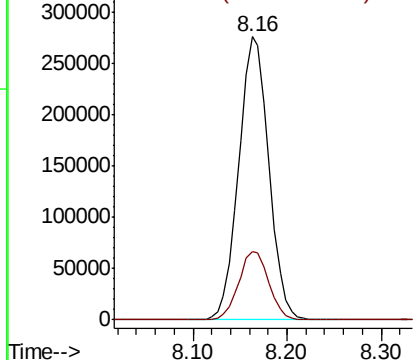


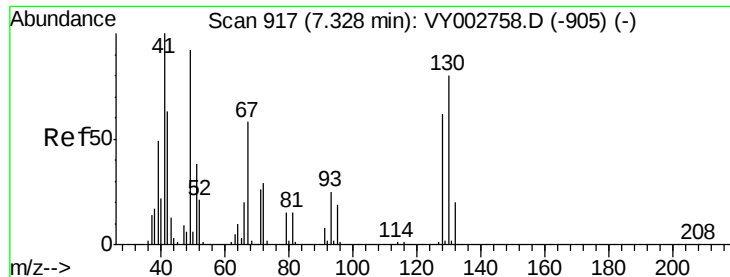
#40
Benzene
Concen: 52.683 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 78 Resp: 615732
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

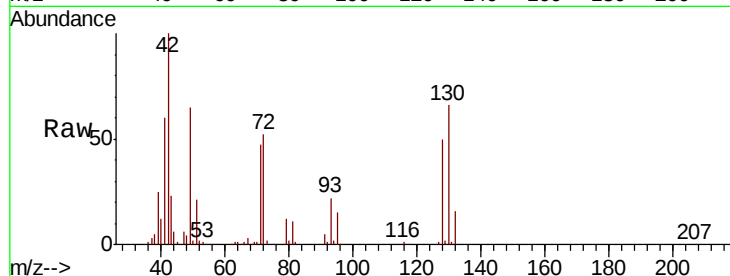




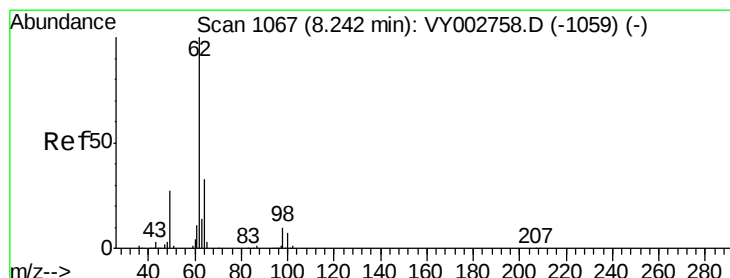
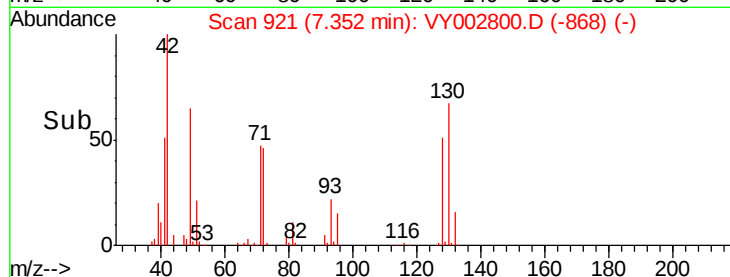
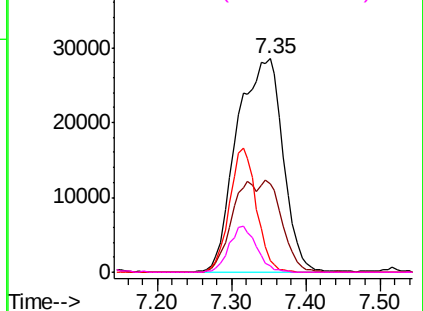
#41
Methacrylonitrile
Concen: 106.693 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:	41	Resp:	123353
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

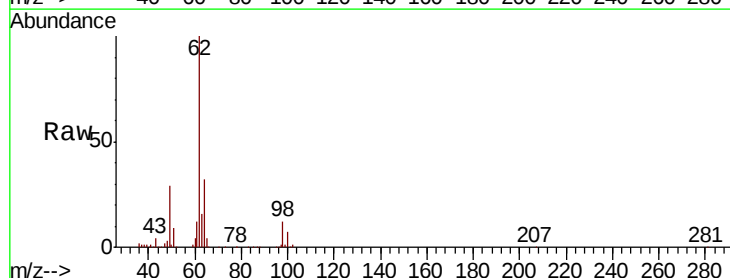


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

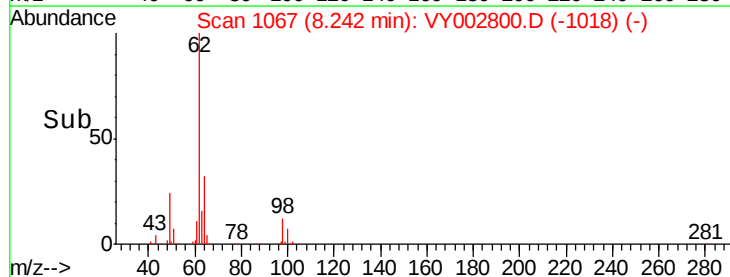
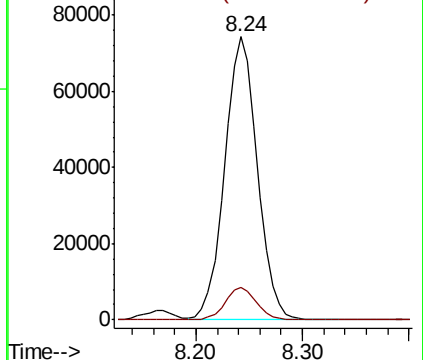


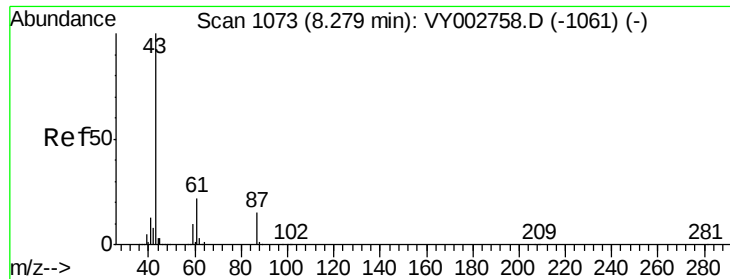
#42
1,2-Dichloroethane
Concen: 48.629 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:	62	Resp:	159284
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



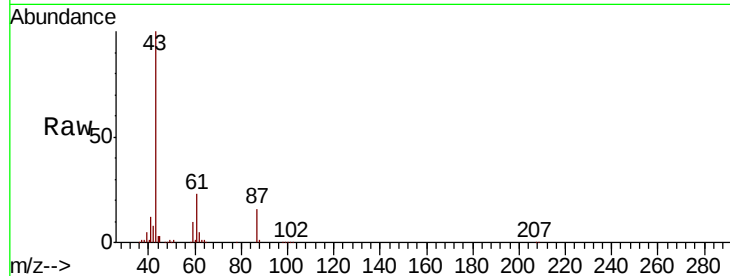


#43

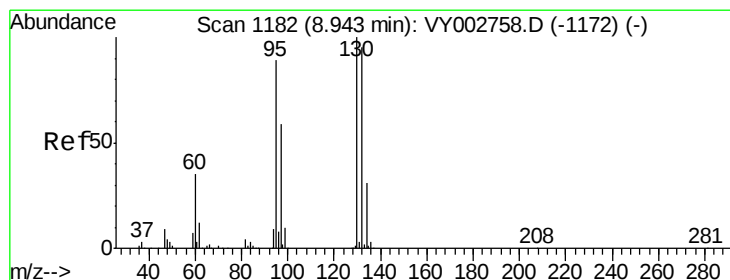
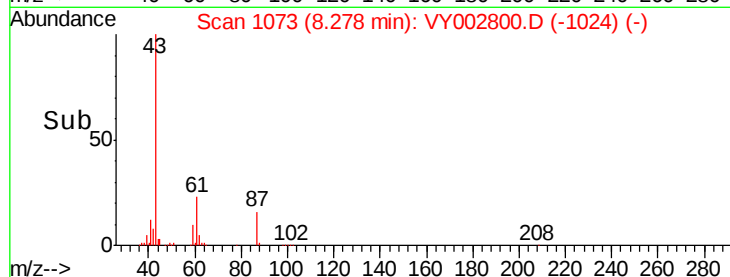
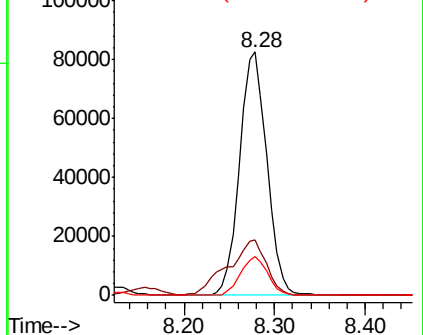
Isopropyl Acetate
 Concen: 42.325 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	43	Resp	172611
Ion Ratio	Lower	Upper	
43	100		
61	32.1	24.8	37.2
87	15.8	12.4	18.6



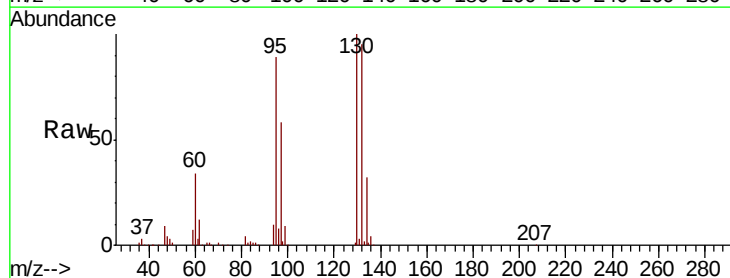
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



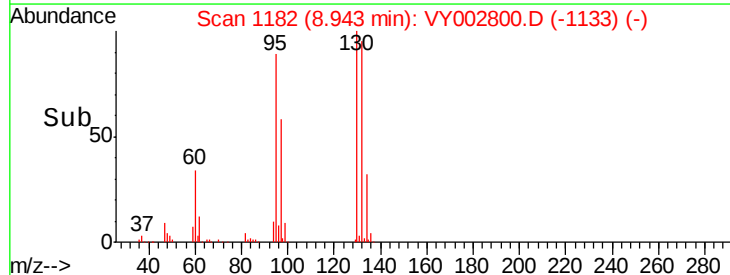
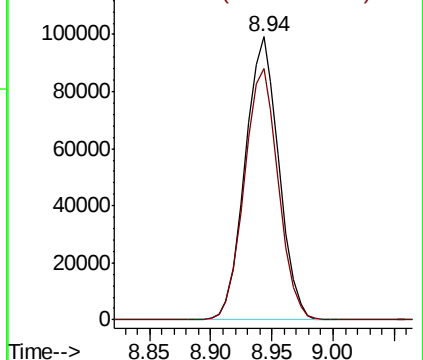
#44

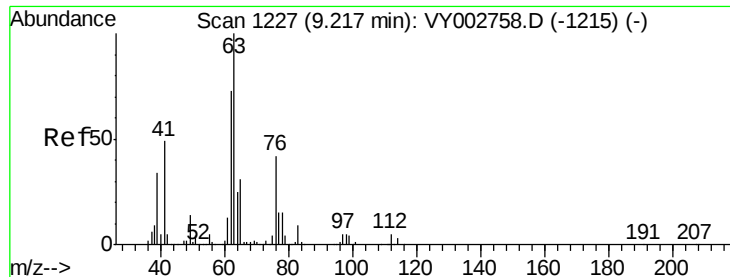
Trichloroethene
 Concen: 51.454 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion	130	Resp	189955
Ion Ratio	Lower	Upper	
130	100		
95	88.8	0.0	178.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VY0

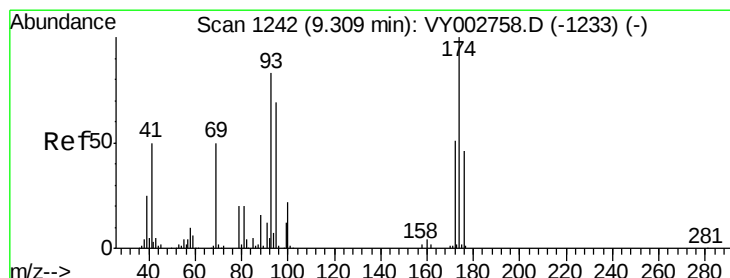
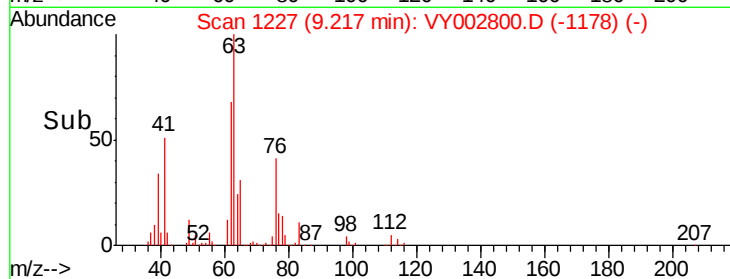
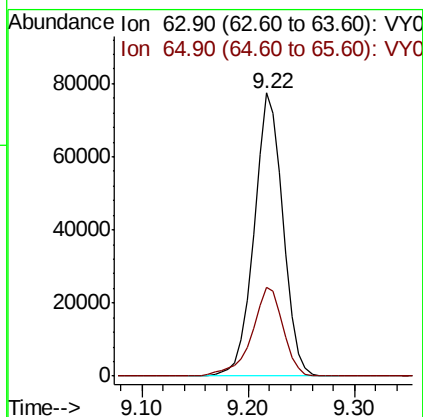
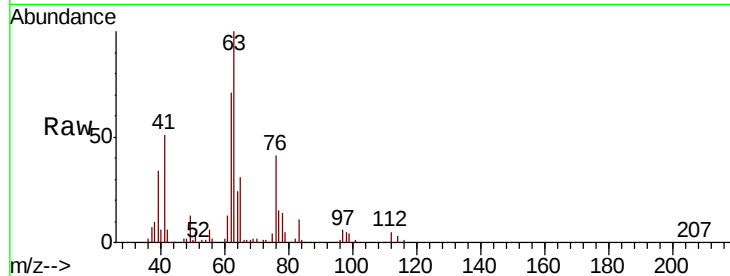




#45
 1,2-Dichloropropane
 Concen: 52.461 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

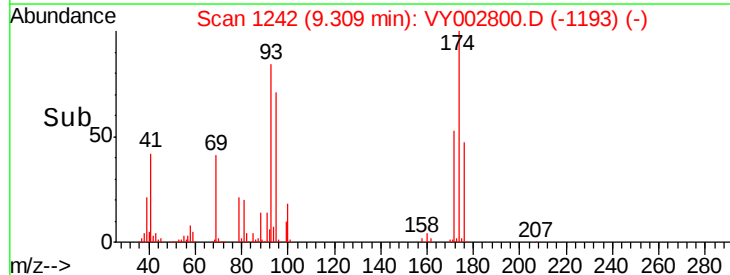
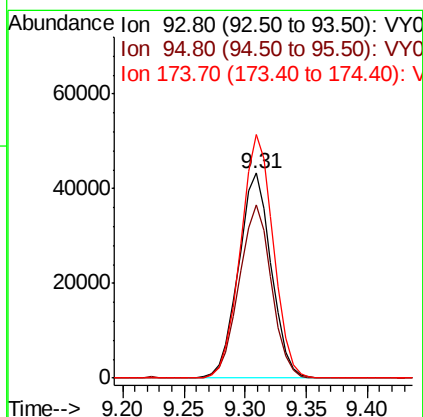
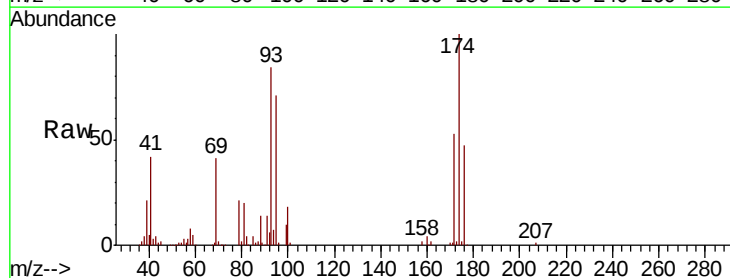
Instrument :
 MSVOA_Y
 ClientSampled :

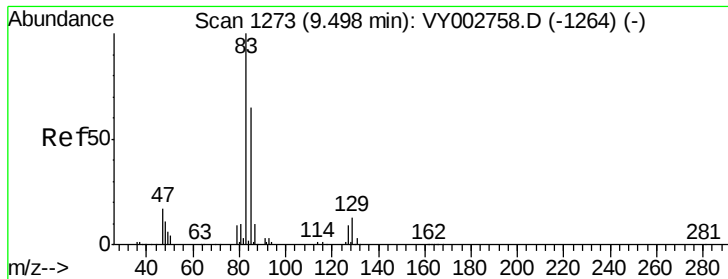
Tot Ion: 63 Resp: 147038
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.8 37.2



#46
 Dibromomethane
 Concen: 48.325 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion: 93 Resp: 80440
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.9 100.3
 174 118.4 97.7 146.5





#47

Bromodichloromethane

Concen: 52.318 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

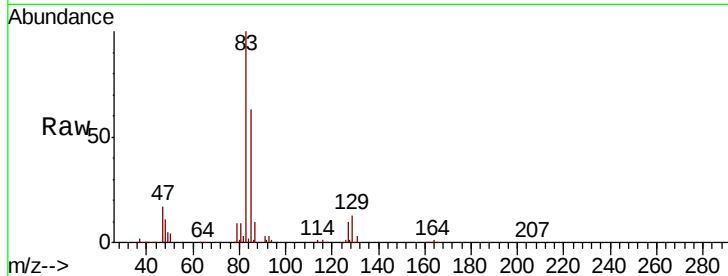
Tot Ion: 83 Resp: 205303

Ion Ratio Lower Upper

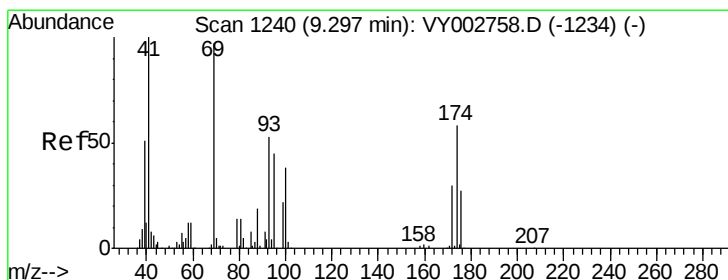
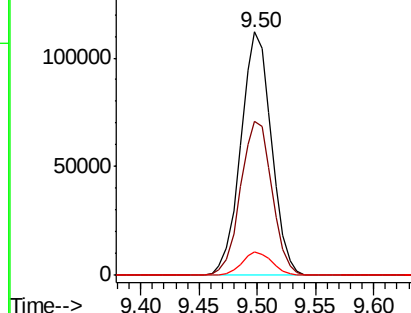
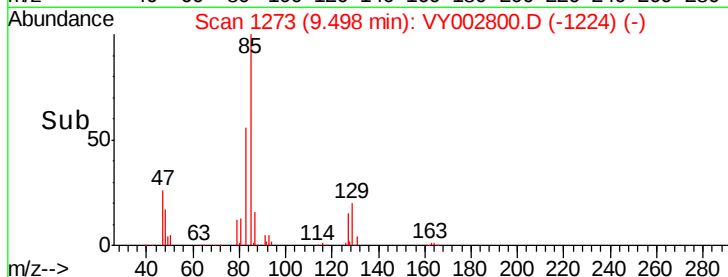
83 100

85 63.4 51.9 77.9

127 9.5 7.1 10.7



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



#48

Methyl methacrylate

Concen: 43.036 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

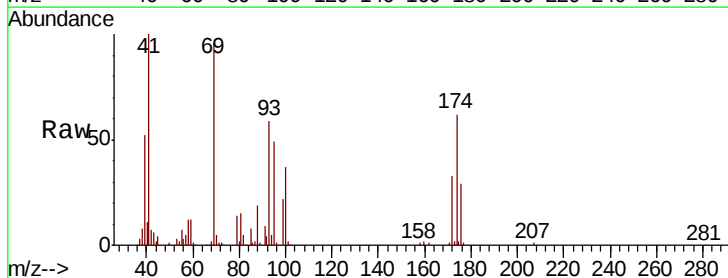
Tgt Ion: 41 Resp: 79230

Ion Ratio Lower Upper

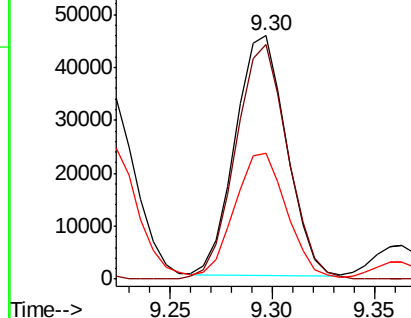
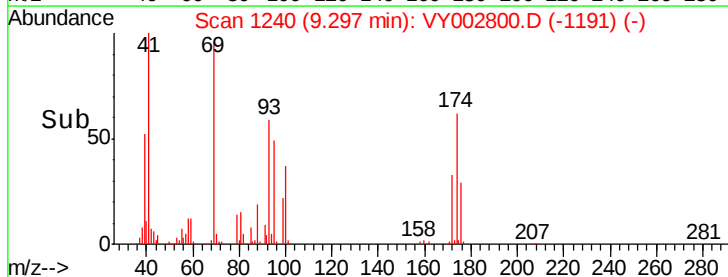
41 100

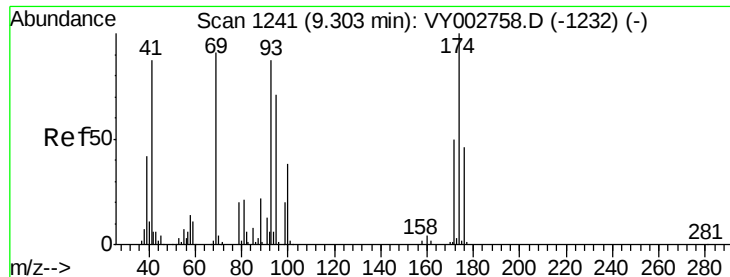
69 99.0 79.7 119.5

39 54.1 43.3 64.9



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

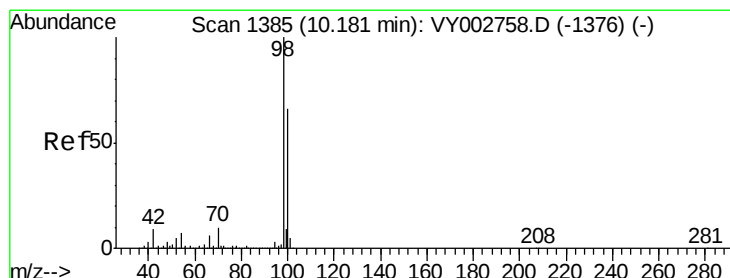
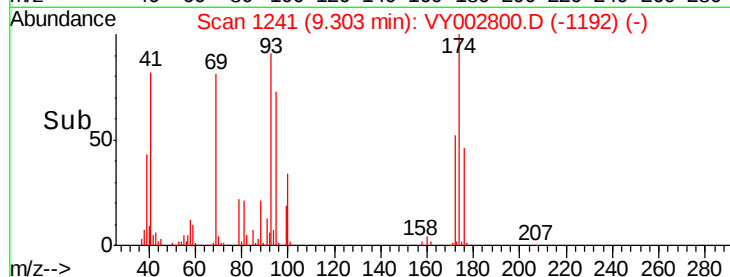
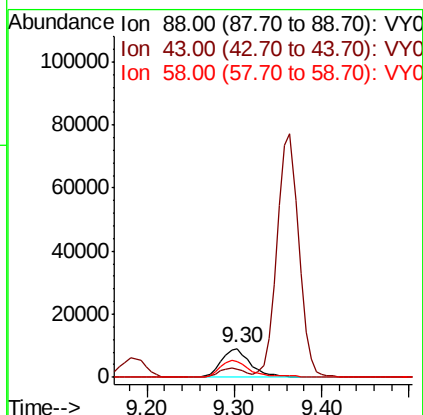
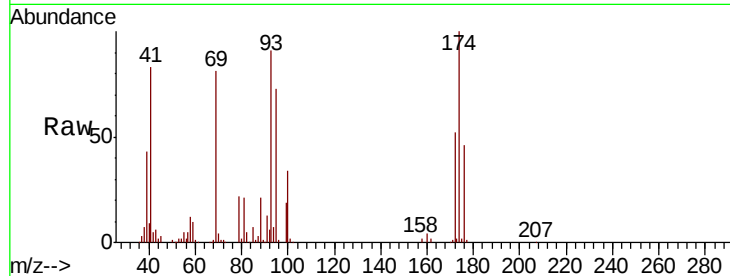




#49
1,4-Dioxane
Concen: 828.527 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

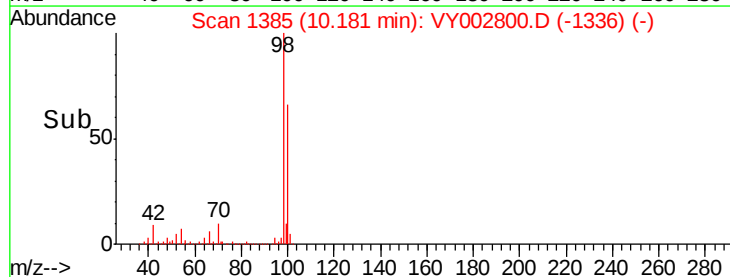
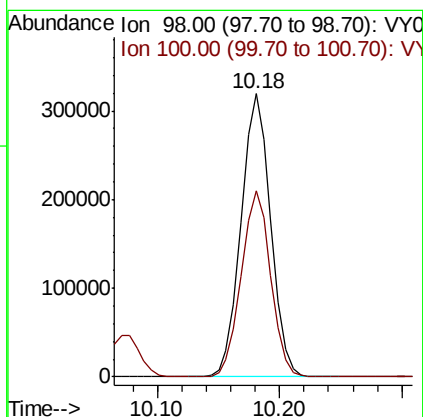
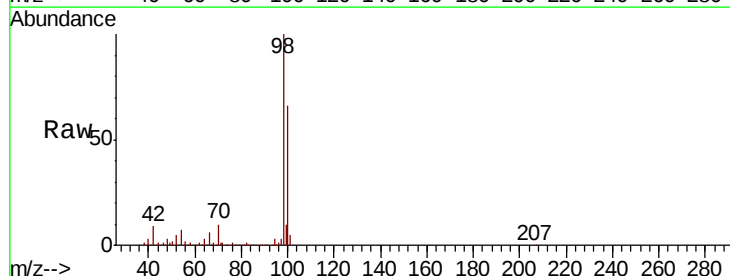
Instrument :
MSVOA_Y
ClientSampleId :

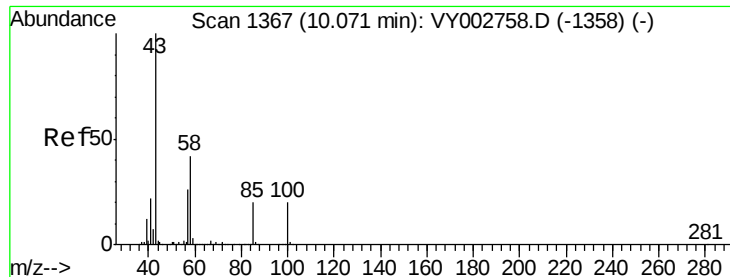
Tot Ion: 88 Resp: 21176
Ion Ratio Lower Upper
88 100
43 27.9 21.3 31.9
58 61.7 52.2 78.2



#50
Toluene-d8
Concen: 47.875 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 98 Resp: 532681
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2

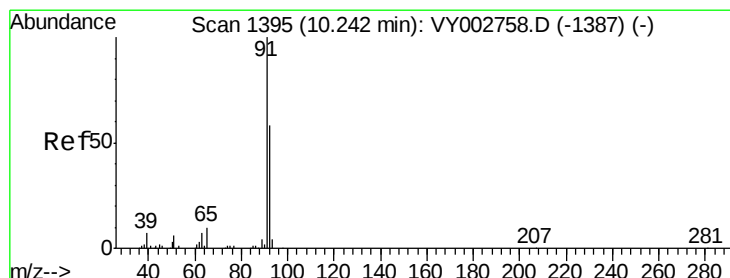
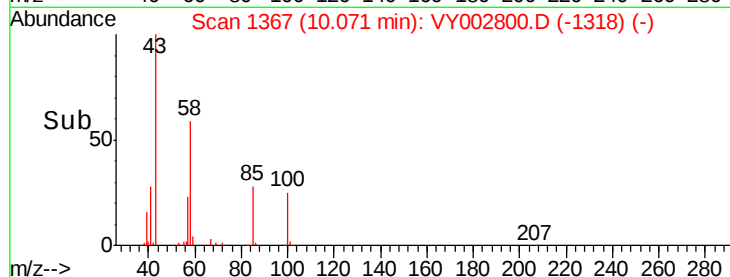
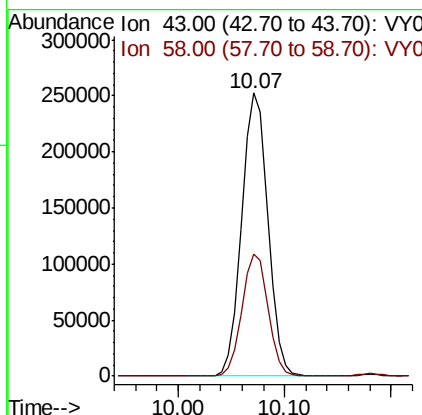
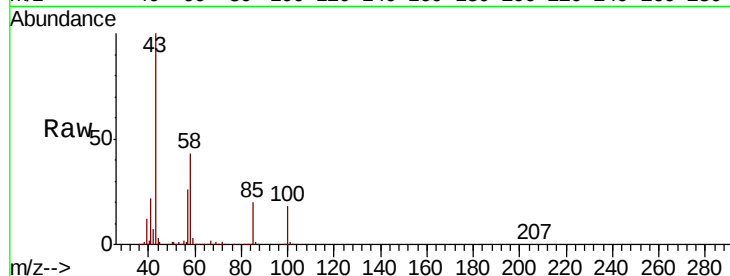




#51
4-Methyl-2-Pentanone
Concen: 202.727 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

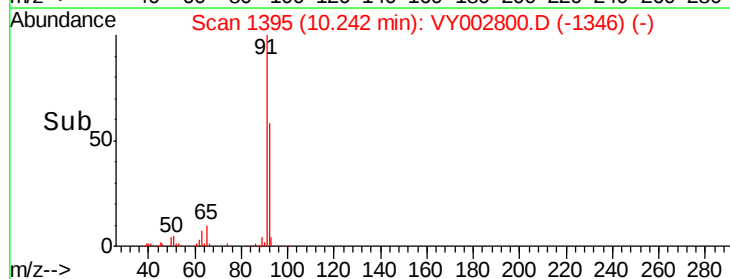
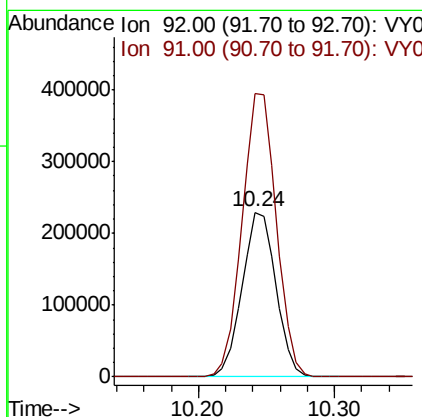
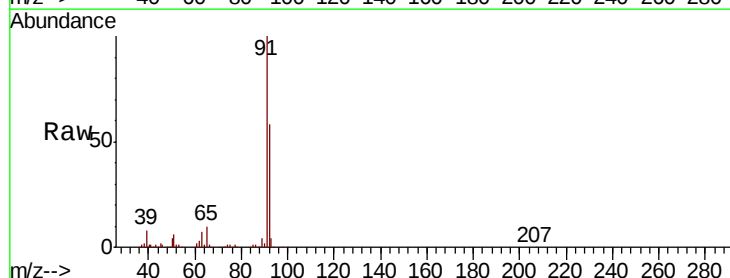
Instrument :
MSVOA_Y
ClientSampled :

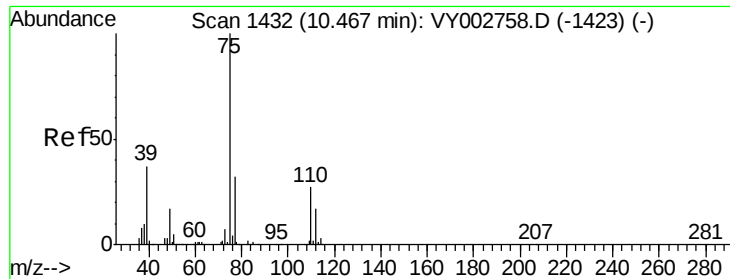
Tot Ion: 43 Resp: 437790
Ion Ratio Lower Upper
43 100
58 42.9 34.2 51.2



#52
Toluene
Concen: 52.252 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 92 Resp: 399507
Ion Ratio Lower Upper
92 100
91 174.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 49.979 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

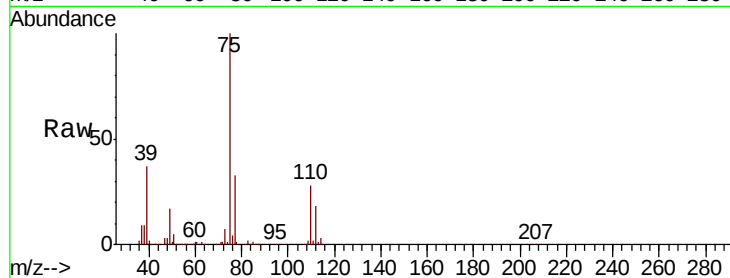
ClientSampled :

Tot Ion: 75 Resp: 214214

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

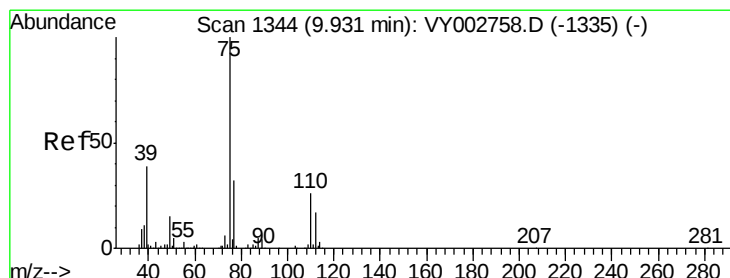
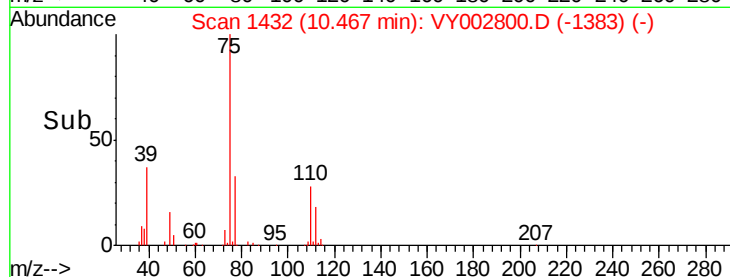
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.338 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

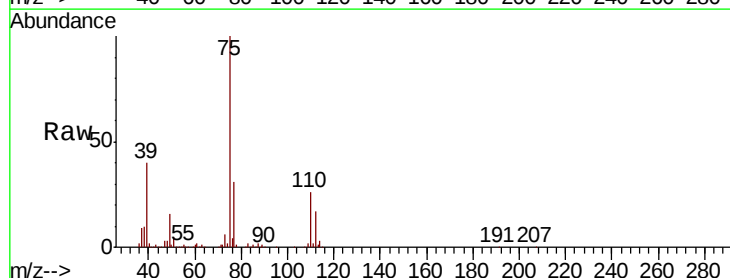
Tgt Ion: 75 Resp: 249331

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 39.7 31.3 46.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

200000

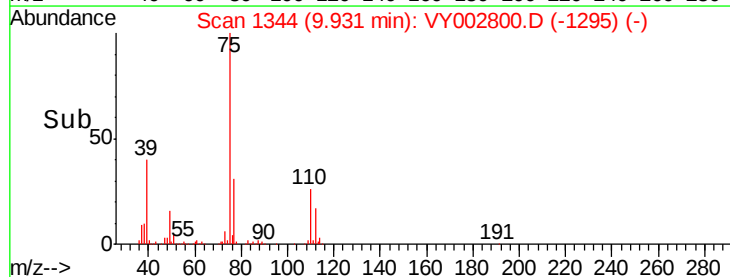
150000

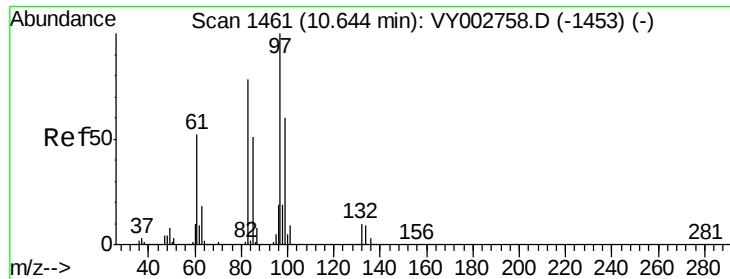
100000

50000

0

Time-->

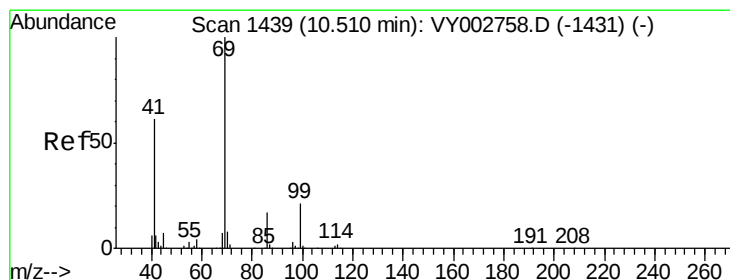
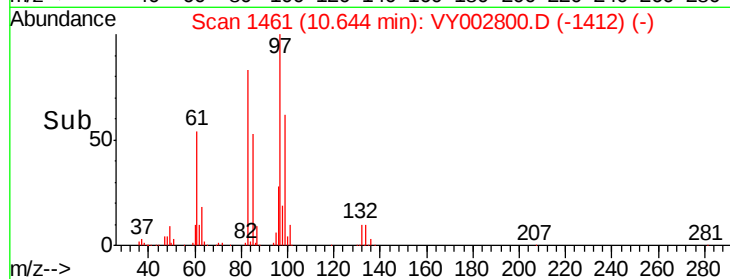
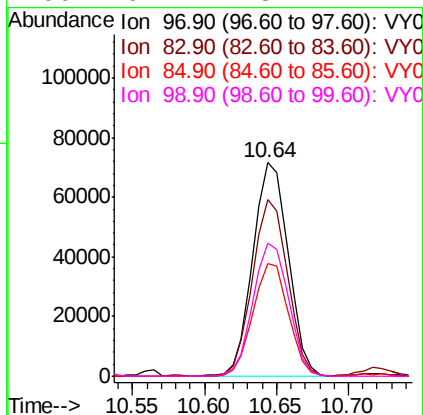
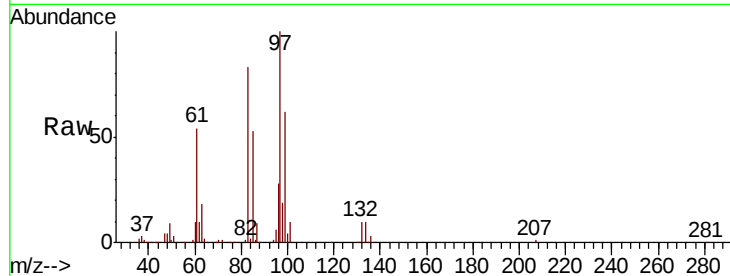




#55
 1,1,2-Trichloroethane
 Concen: 47.858 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

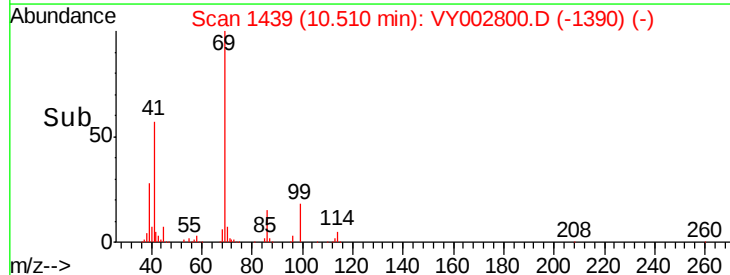
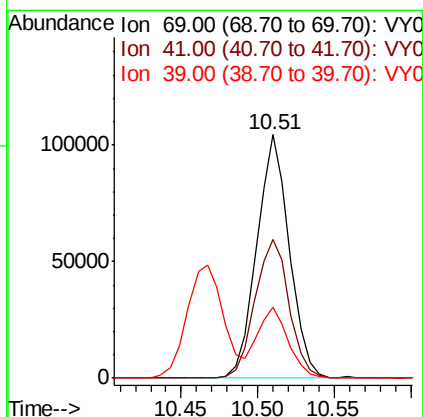
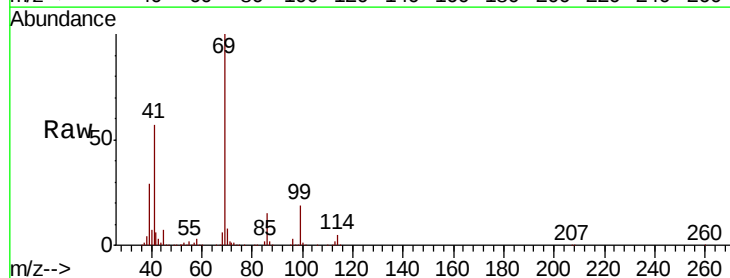
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	121960
Ion	Ratio	Lower	Upper
97	100		
83	82.4	62.7	94.1
85	52.8	40.6	60.8
99	62.4	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 45.169 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion:	69	Resp:	154174
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.0	70.4
39	27.3	22.0	33.0





#57

1,3-Dichloropropane

Concen: 48.417 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

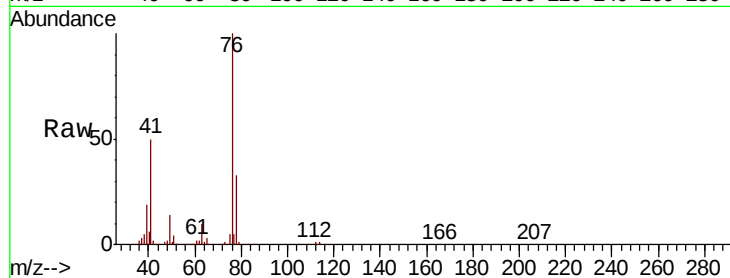
ClientSampled :

Tot Ion: 76 Resp: 202941

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

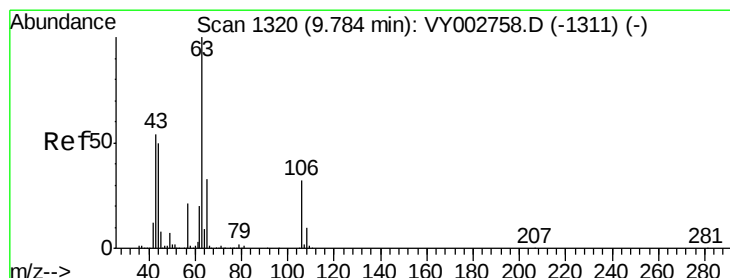
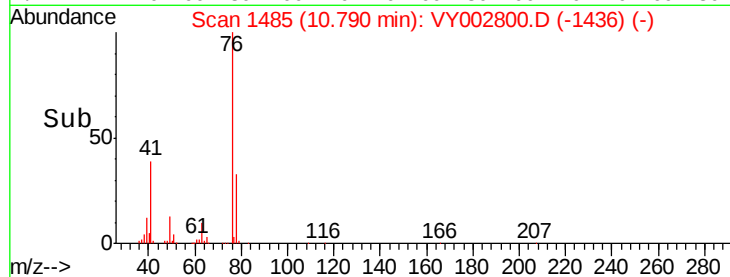
10.79

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 216.001 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002800.D

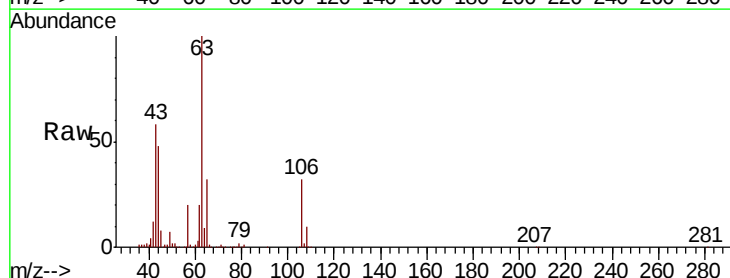
Acq: 29 May 2020 15:55

Tgt Ion: 63 Resp: 360254

Ion Ratio Lower Upper

63 100

106 31.3 25.4 38.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

250000

200000

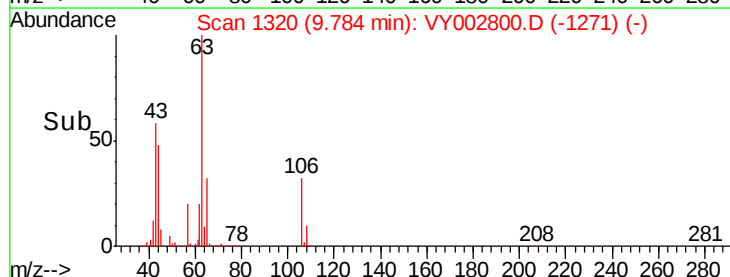
150000

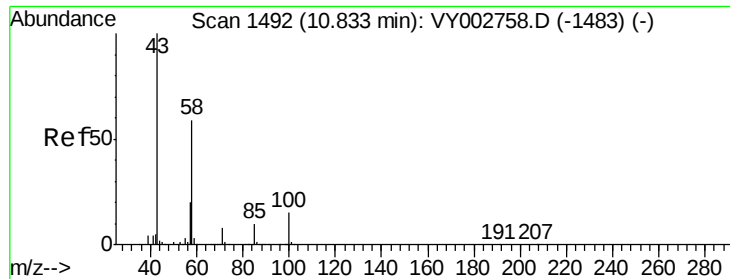
100000

50000

0

Time-->





#59

2-Hexanone

Concen: 198.578 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

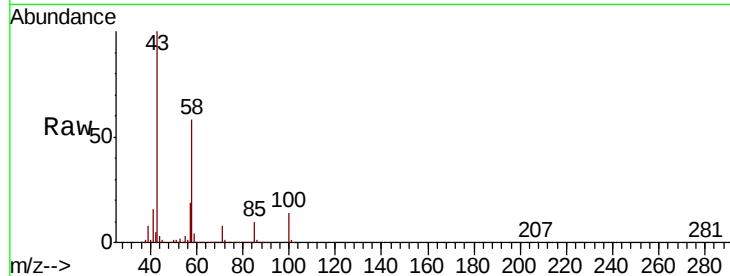
ClientSampleId :

Tot Ion: 43 Resp: 304265

Ion Ratio Lower Upper

43 100

58 59.1 29.5 88.5



Abundance Ion 43.00 (42.70 to 43.70): VY002758.D (-1483) (-)

Ion 58.00 (57.70 to 58.70): VY002758.D (-1483) (-)

10.83

200000

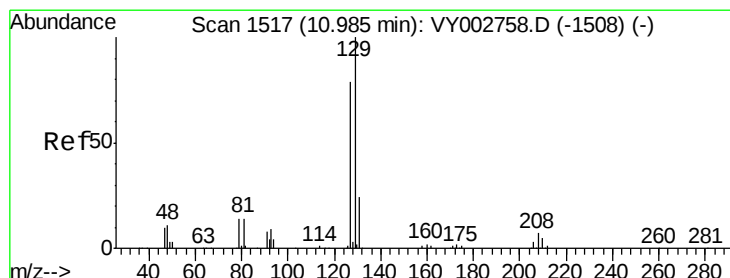
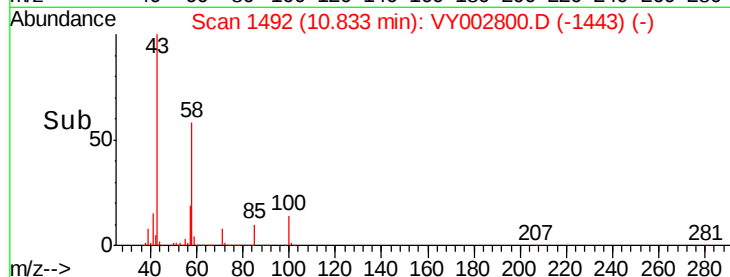
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 49.618 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VY002800.D

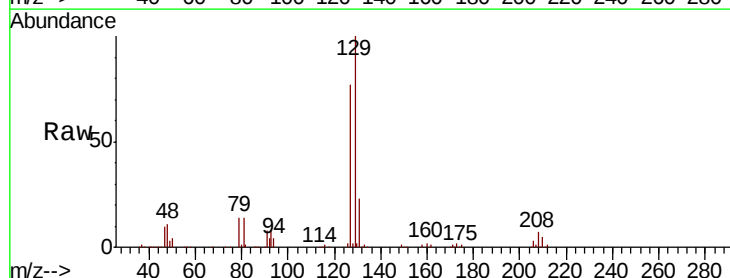
Acq: 29 May 2020 15:55

Tgt Ion: 129 Resp: 160310

Ion Ratio Lower Upper

129 100

127 76.4 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VY002758.D (-1508) (-)

Ion 126.80 (126.50 to 127.50): VY002758.D (-1508) (-)

10.99

100000

80000

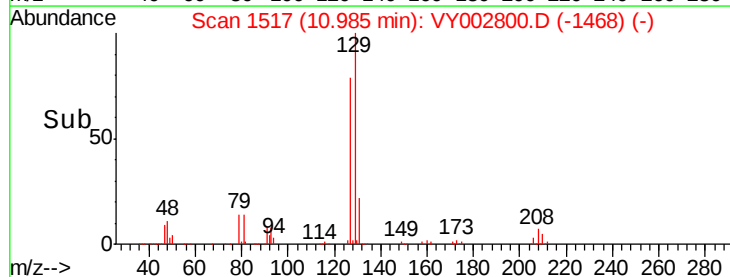
60000

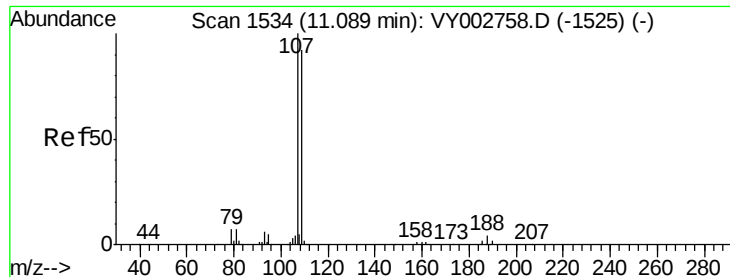
40000

20000

0

Time-->





#61

1,2-Dibromoethane

Concen: 46.913 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

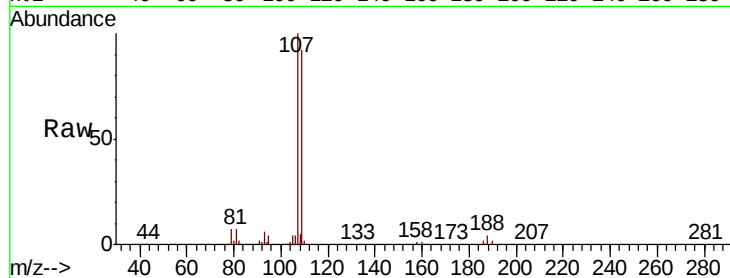
ClientSampleId :

Tot Ion:107 Resp: 117931

Ion Ratio Lower Upper

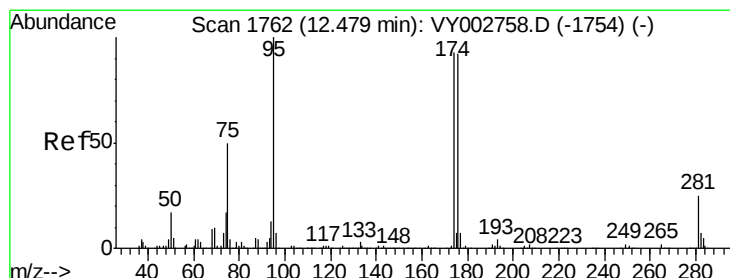
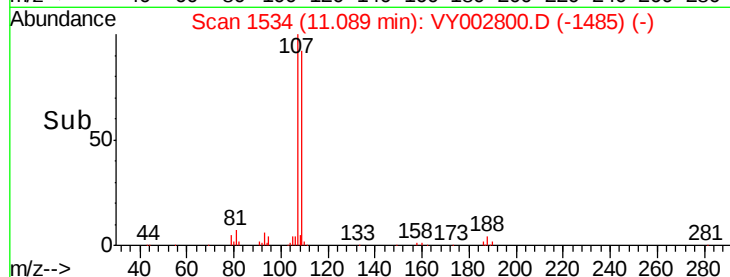
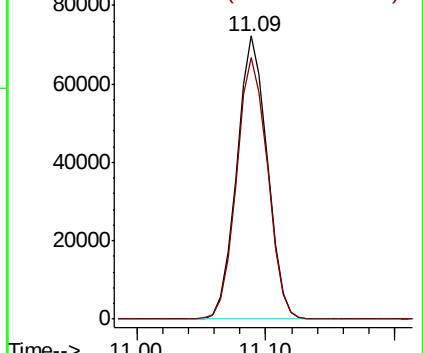
107 100

109 94.0 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.958 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

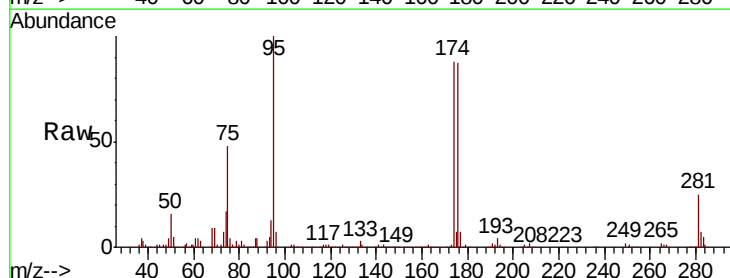
Tgt Ion: 95 Resp: 182360

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.2

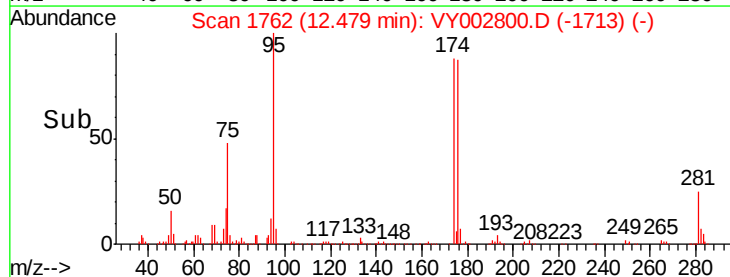
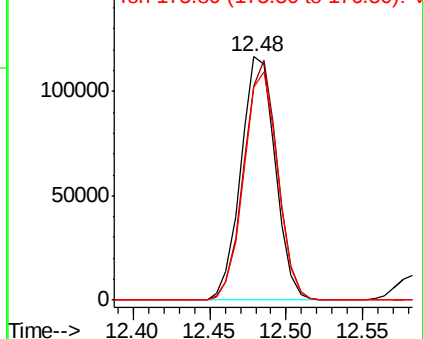
176 92.9 0.0 188.8

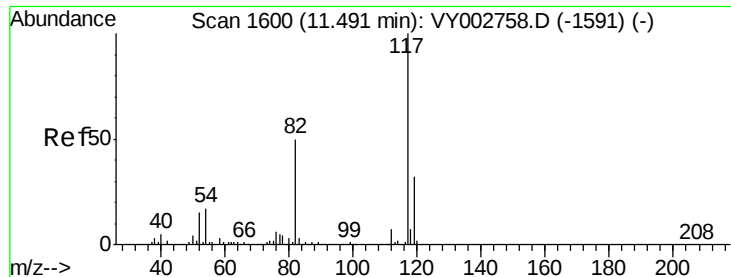


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

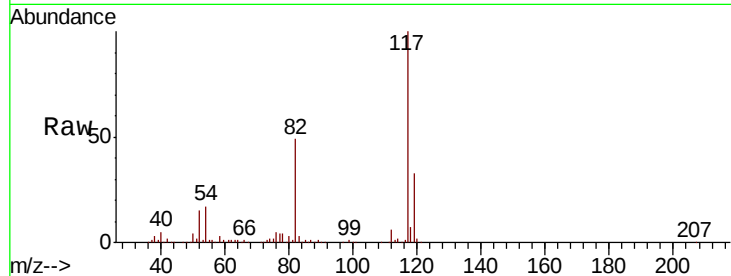




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	40.2	60.4
119	32.8	25.8	38.8

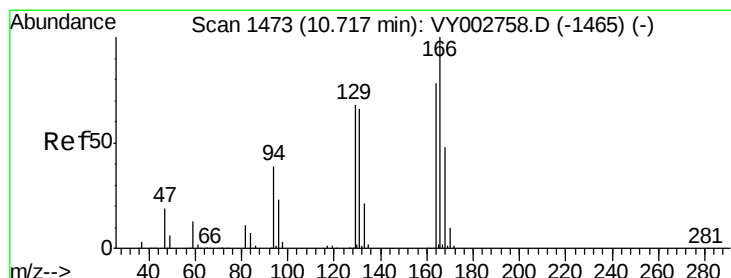
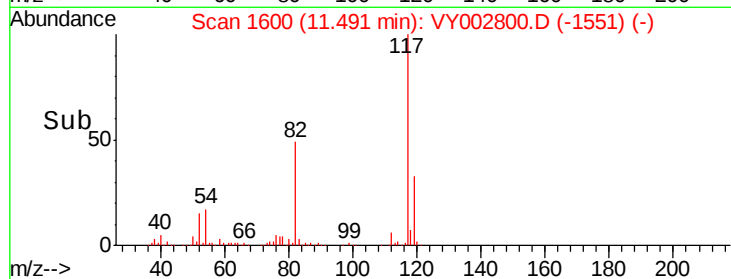
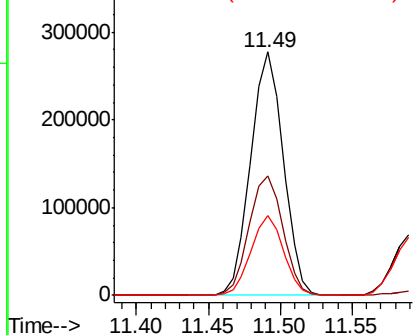


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.617 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.3	153.5
129	89.3	69.4	104.2
131	85.3	67.8	101.6

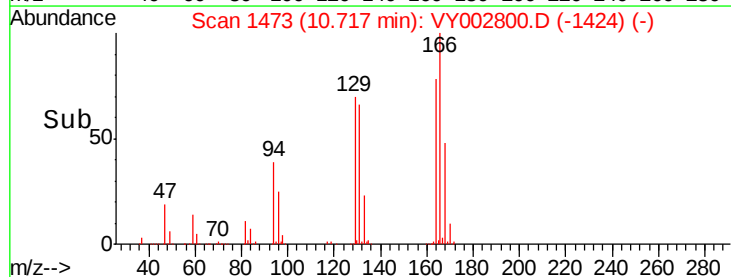
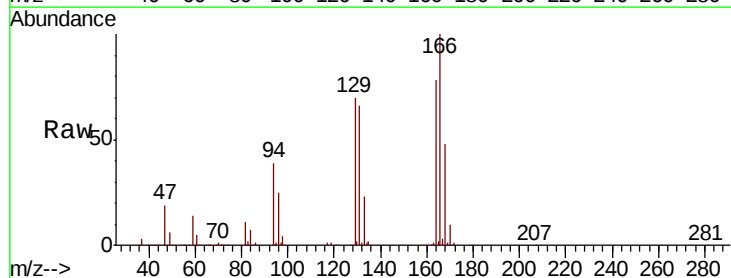
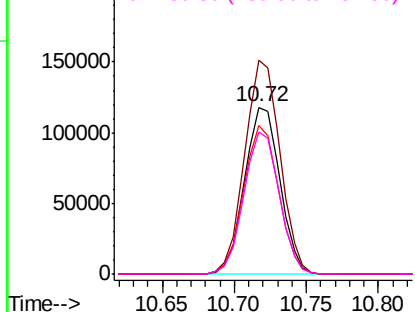
Abundance

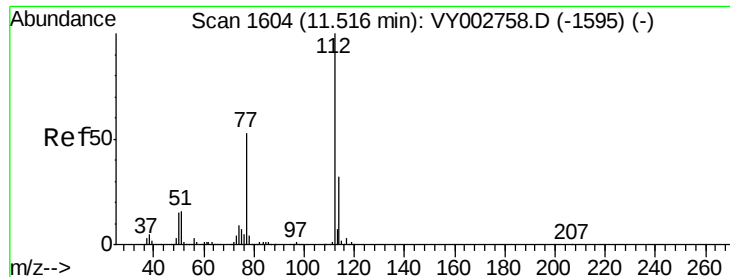
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

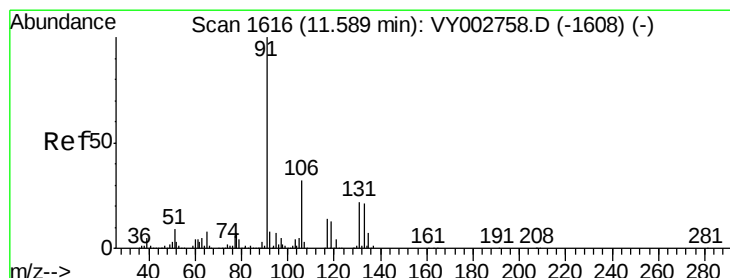
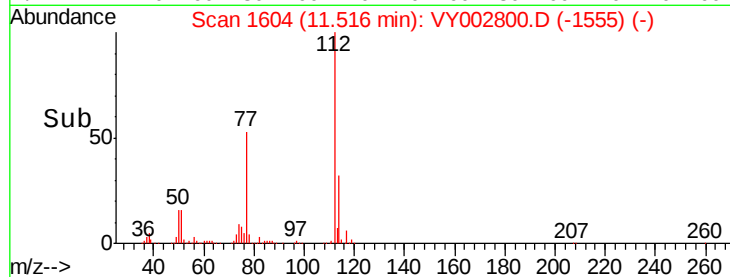
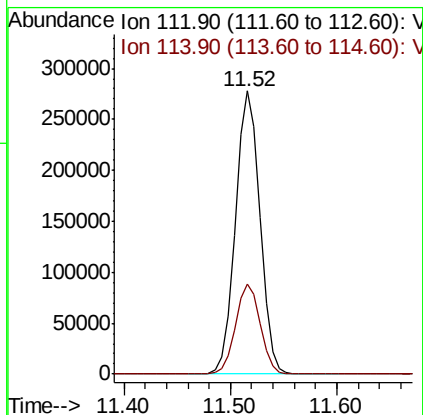
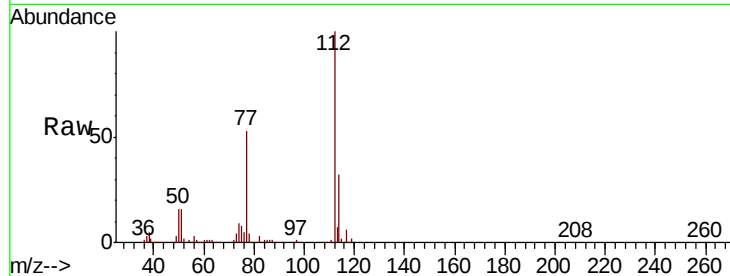




#65
Chlorobenzene
Concen: 51.949 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

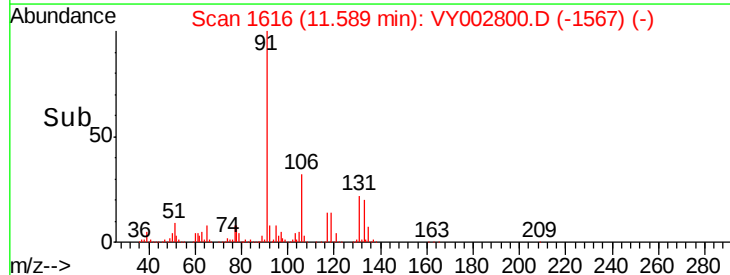
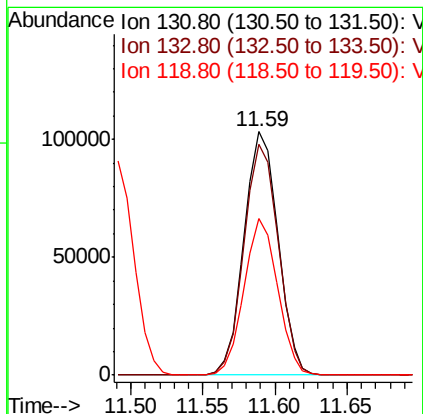
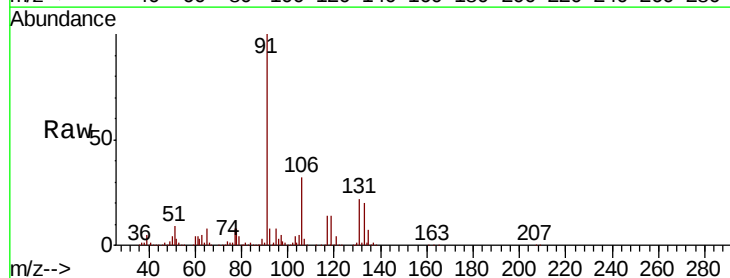
Instrument :
MSVOA_Y
ClientSampleId :

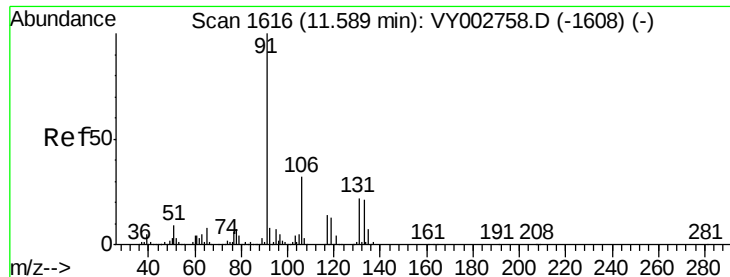
Tot Ion:112 Resp: 447111
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.225 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:131 Resp: 169286
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.8
119 63.4 31.7 95.1





#67

Ethyl Benzene

Concen: 52.708 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

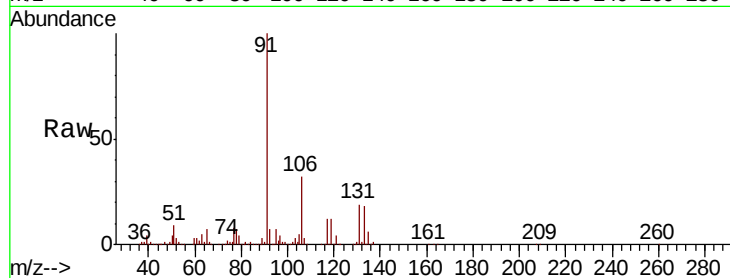
ClientSampleId :

Tot Ion: 91 Resp: 786446

Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY002758.D (-1608) (-)

600000

400000

200000

0

11.59

11.60

11.61

11.62

11.63

11.64

11.65

11.66

11.67

11.68

11.69

11.70

11.71

11.72

11.73

11.74

11.75

11.76

11.77

11.78

11.79

11.80

11.81

11.82

11.83

11.84

11.85

11.86

11.87

11.88

11.89

11.90

11.91

11.92

11.93

11.94

11.95

11.96

11.97

11.98

11.99

12.00

12.01

12.02

12.03

12.04

12.05

12.06

12.07

12.08

12.09

12.10

12.11

12.12

12.13

12.14

12.15

12.16

12.17

12.18

12.19

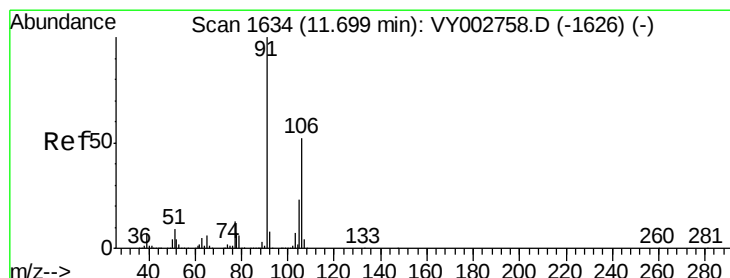
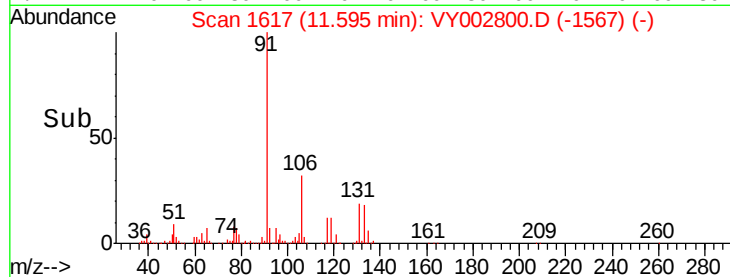
12.20

12.21

12.22

12.23

12.24



#68

m/p-Xylenes

Concen: 104.772 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002800.D

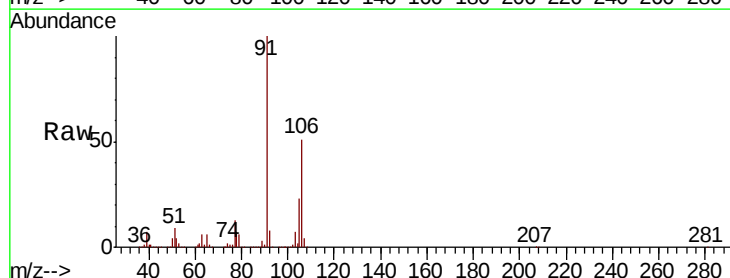
Acq: 29 May 2020 15:55

Tgt Ion: 106 Resp: 606114

Ion Ratio Lower Upper

106 100

91 195.9 156.0 234.0



Abundance Ion 106.00 (105.70 to 106.70): VY002758.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY002758.D (-1626) (-)

600000

400000

200000

0

11.70

11.71

11.72

11.73

11.74

11.75

11.76

11.77

11.78

11.79

11.80

11.81

11.82

11.83

11.84

11.85

11.86

11.87

11.88

11.89

11.90

11.91

11.92

11.93

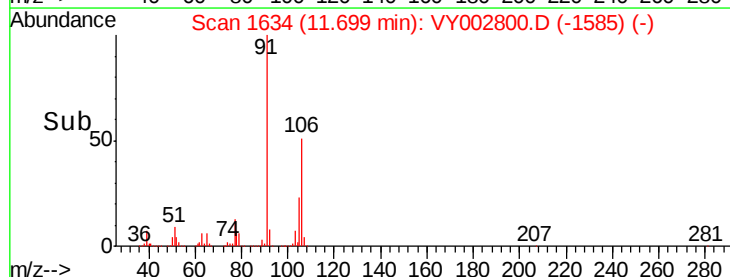
11.94

11.95

11.96

11.97

11.98

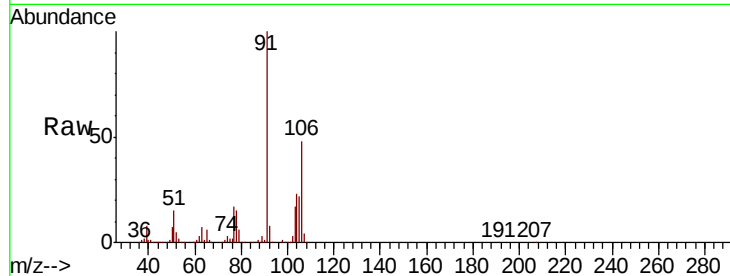




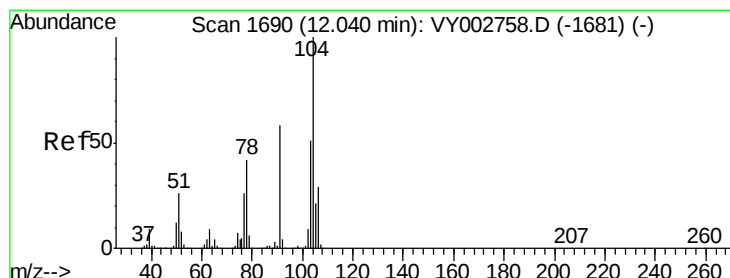
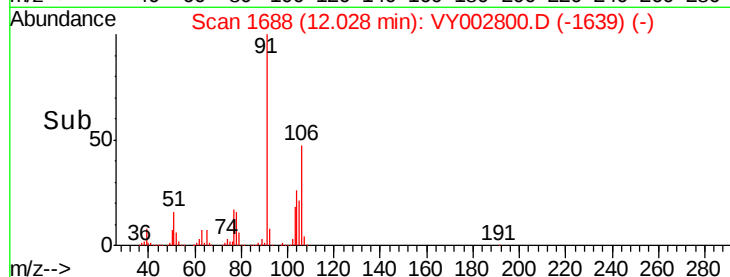
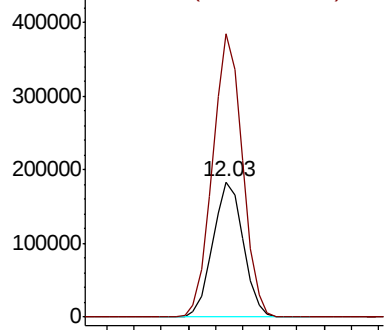
#69
o-Xylene
Concen: 52.562 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:106 Resp: 287058
Ion Ratio Lower Upper
106 100
91 205.8 102.4 307.1

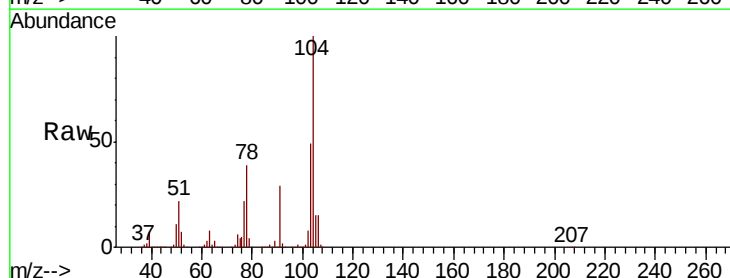


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

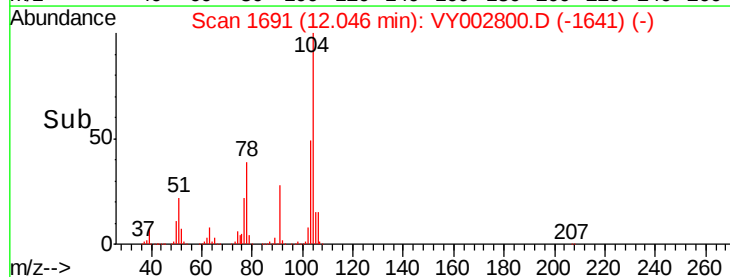
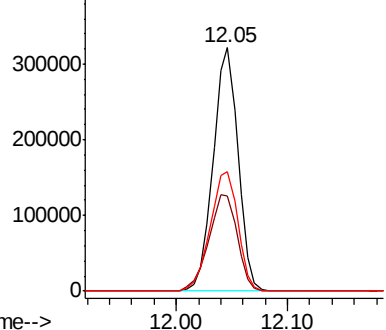


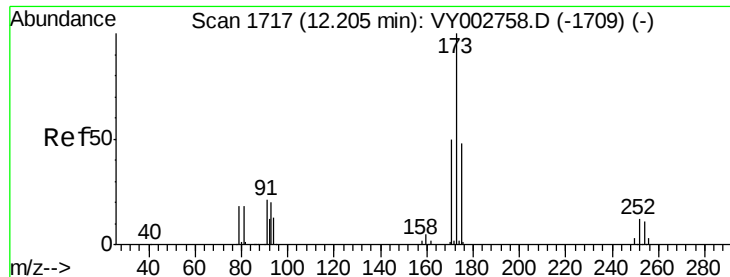
#70
Styrene
Concen: 52.639 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:104 Resp: 498357
Ion Ratio Lower Upper
104 100
78 45.2 36.2 54.4
103 54.6 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.814 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

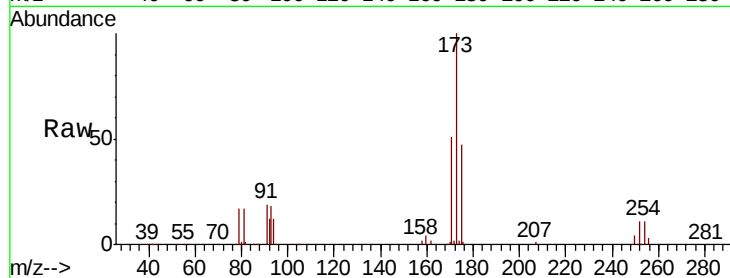
Tot Ion:173 Resp: 101537

Ion Ratio Lower Upper

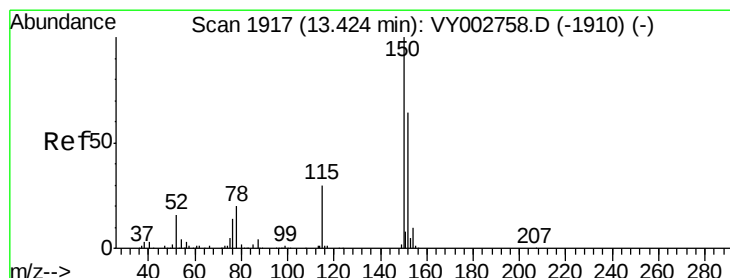
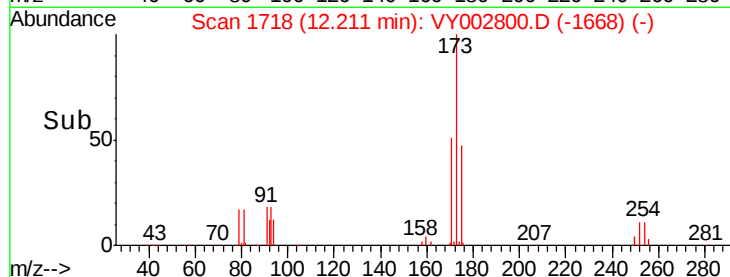
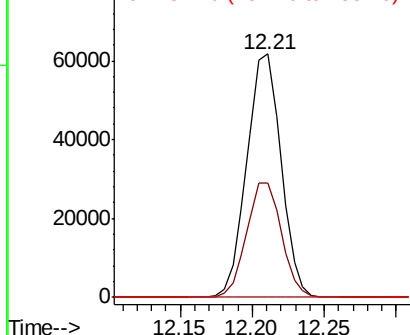
173 100

175 47.8 24.3 72.8

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

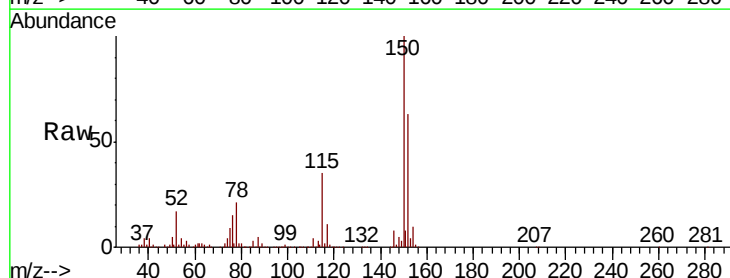
Tgt Ion:152 Resp: 230865

Ion Ratio Lower Upper

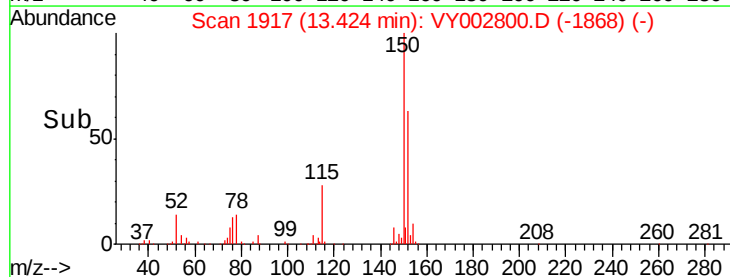
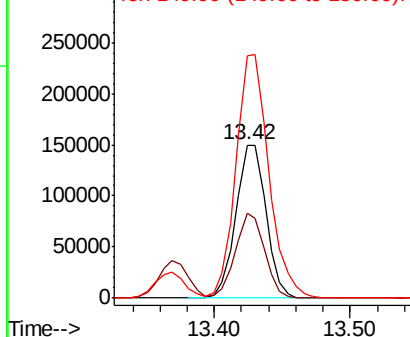
152 100

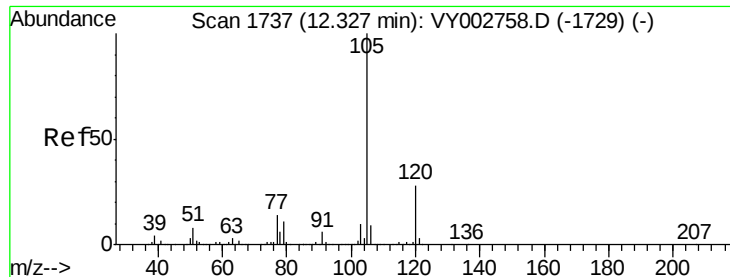
115 53.8 27.0 81.0

150 173.6 0.0 344.8



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: 53.288 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

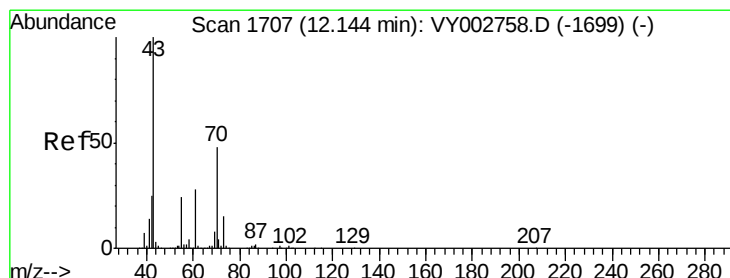
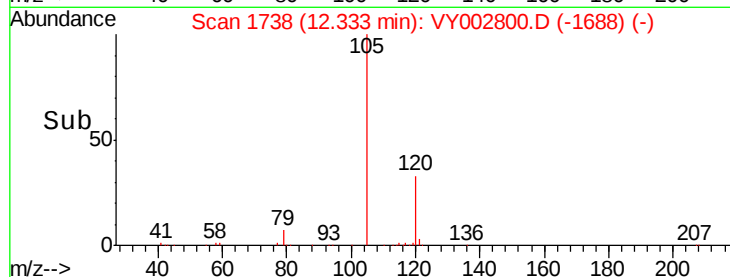
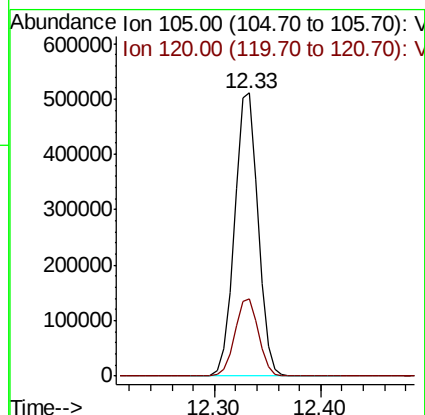
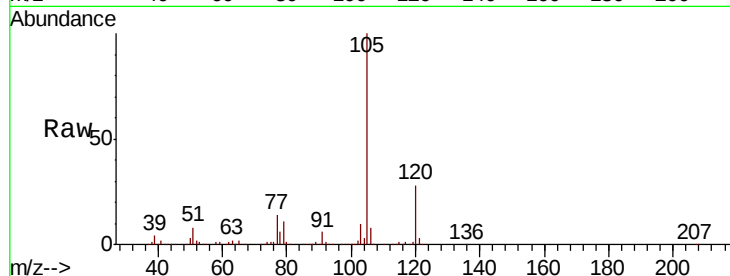
ClientSampled :

Tot Ion:105 Resp: 788389

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



#74

N-ethyl acetate

Concen: 44.732 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Tgt Ion: 43 Resp: 169806

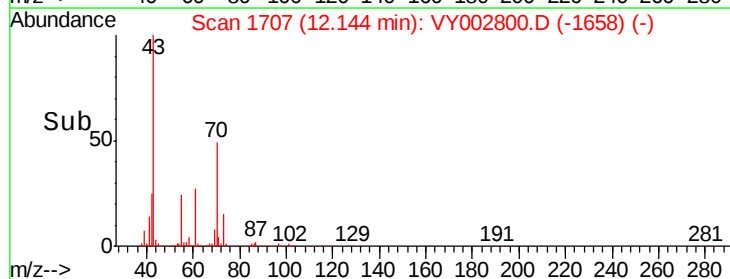
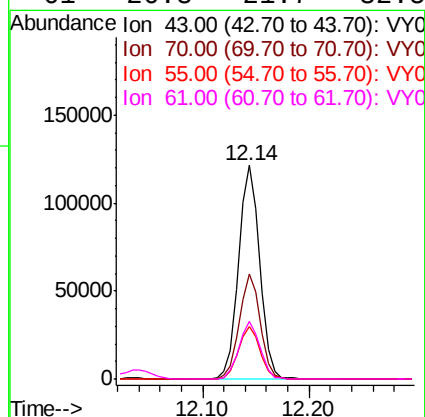
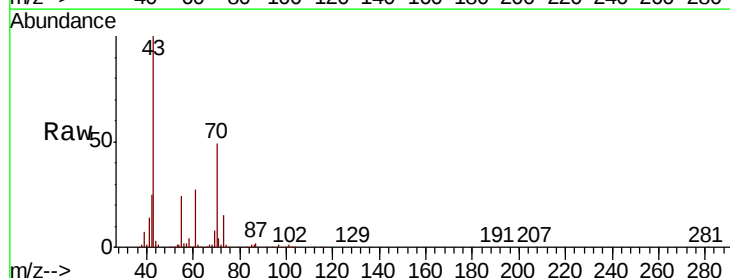
Ion Ratio Lower Upper

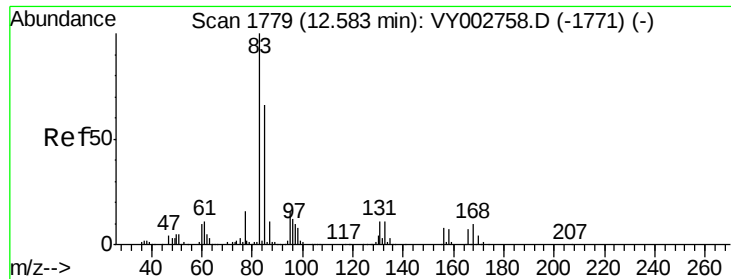
43 100

70 48.2 37.7 56.5

55 24.7 19.8 29.6

61 26.8 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.474 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

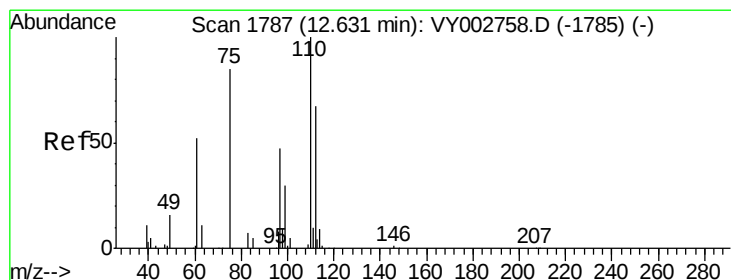
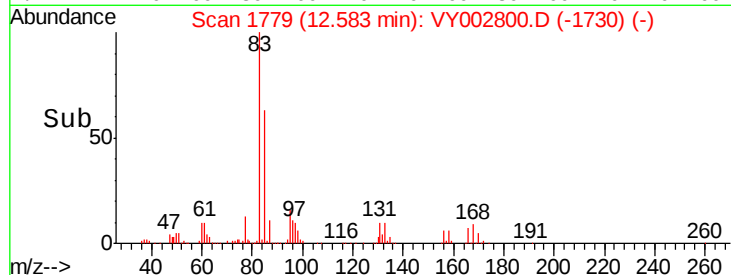
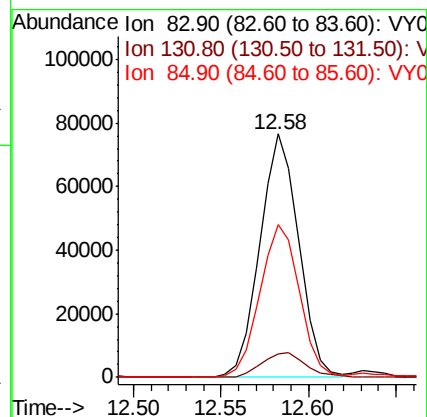
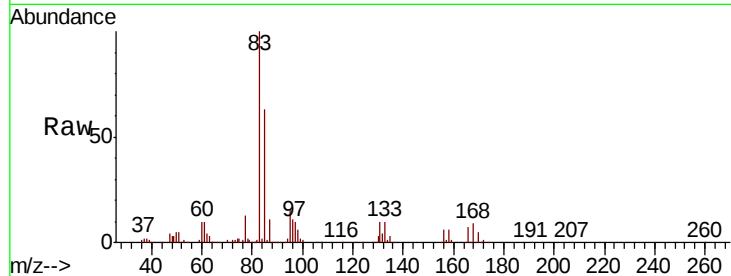
Tot Ion: 83 Resp: 118042

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

85 63.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 84.600 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002800.D

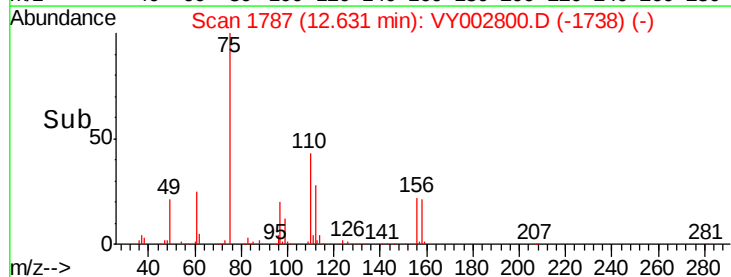
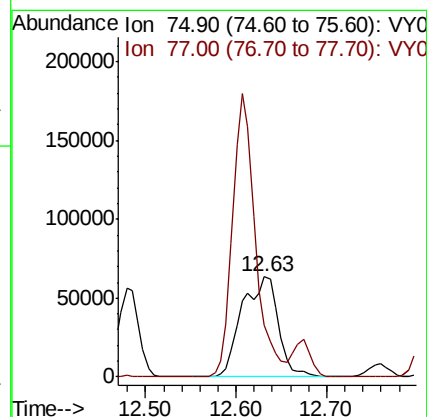
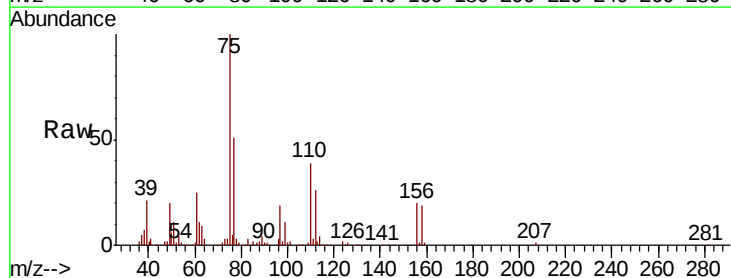
Acq: 29 May 2020 15:55

Tgt Ion: 75 Resp: 175988

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.003 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

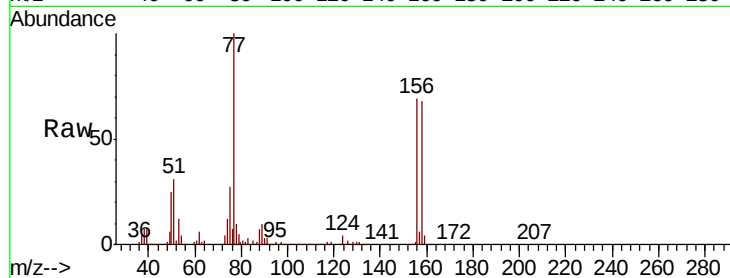
Tot Ion:156 Resp: 196483

Ion Ratio Lower Upper

156 100

77 160.6 81.4 244.2

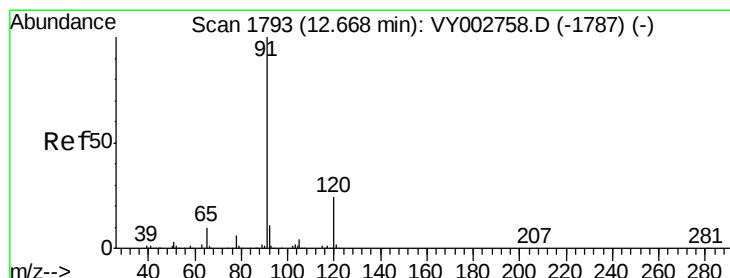
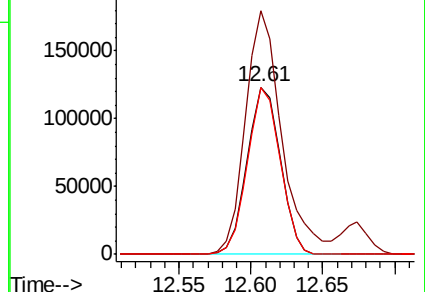
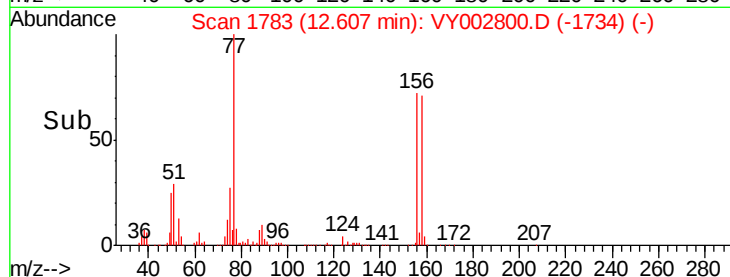
158 98.1 48.5 145.6



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: 53.817 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002800.D

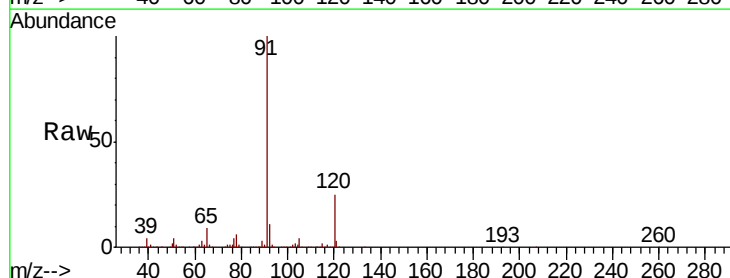
Acq: 29 May 2020 15:55

Tgt Ion: 91 Resp: 919722

Ion Ratio Lower Upper

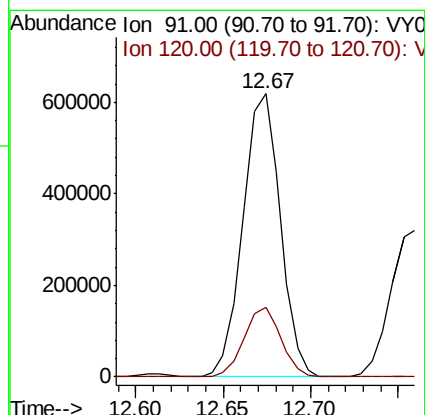
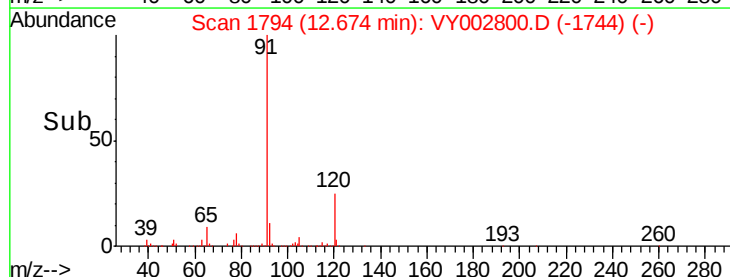
91 100

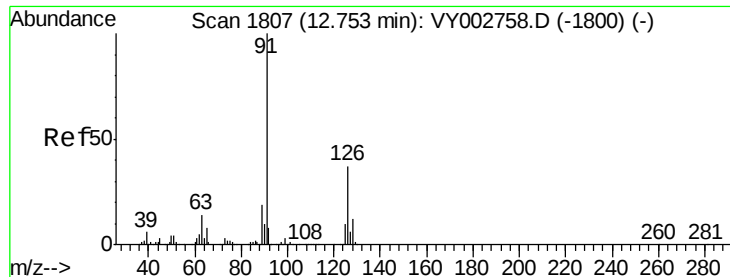
120 24.4 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

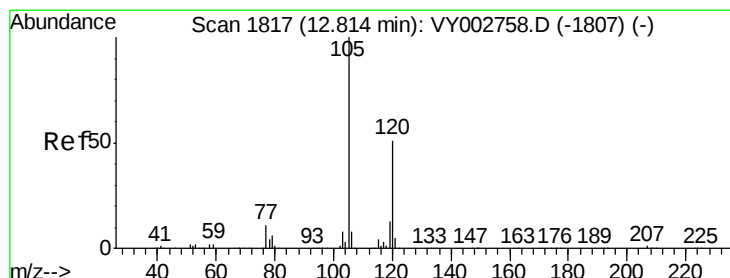
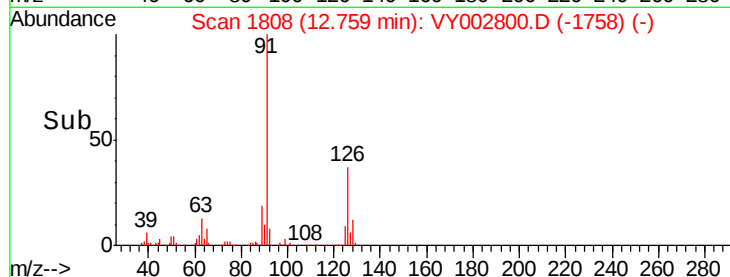
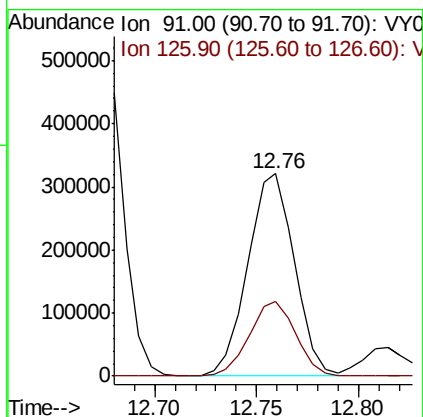
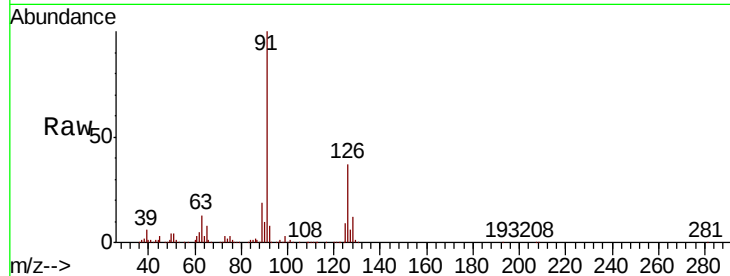




#79
2-Chlorotoluene
Concen: 53.177 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

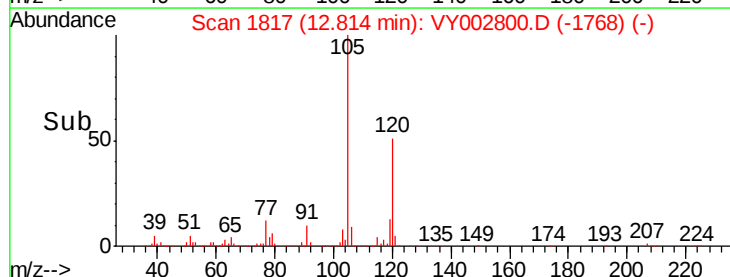
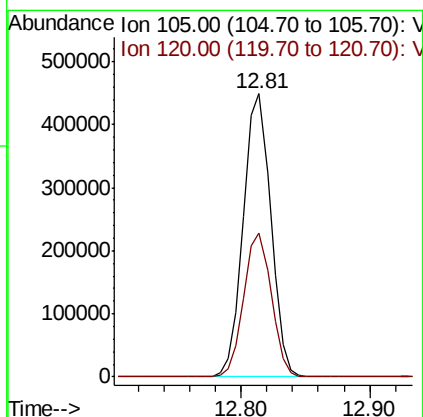
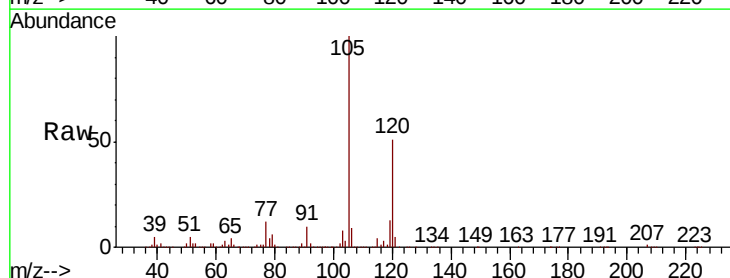
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 509778
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4



#80
1,3,5-Trimethylbenzene
Concen: 53.514 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion:105 Resp: 661054
Ion Ratio Lower Upper
105 100
120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.371 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

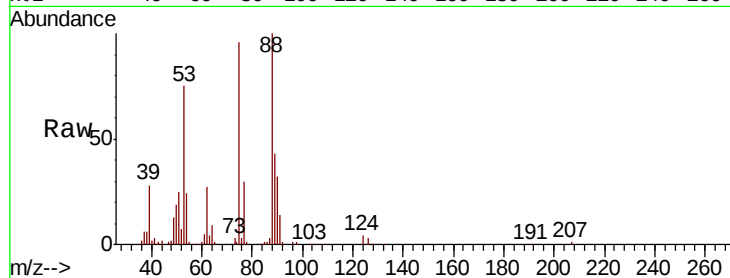
Tot Ion: 75 Resp: 48993

Ion Ratio Lower Upper

75 100

53 78.6 64.0 96.0

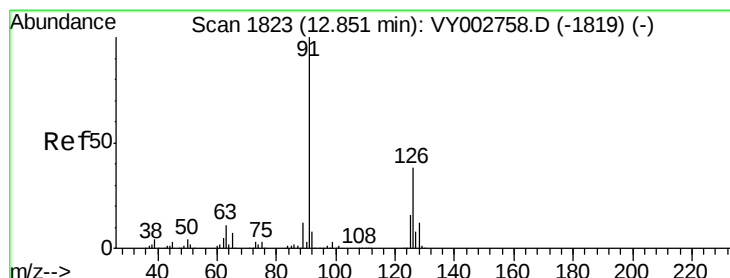
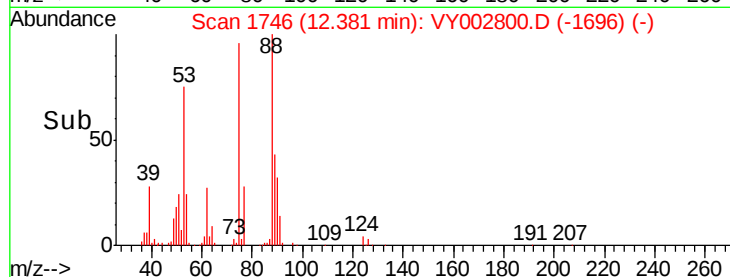
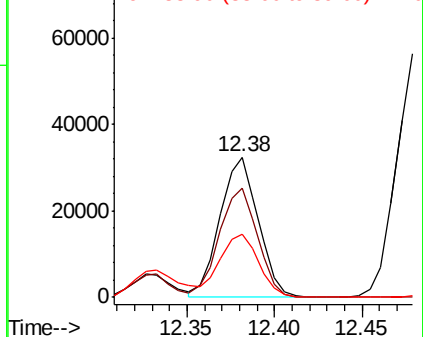
89 45.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.475 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002800.D

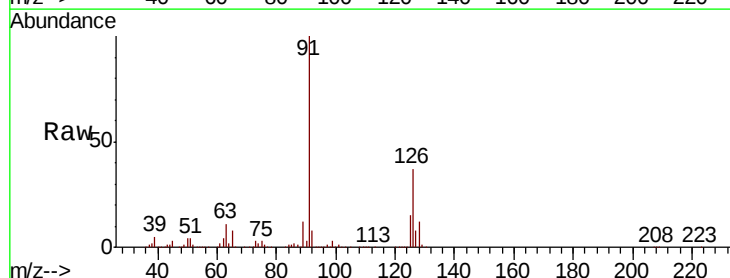
Acq: 29 May 2020 15:55

Tgt Ion: 91 Resp: 537091

Ion Ratio Lower Upper

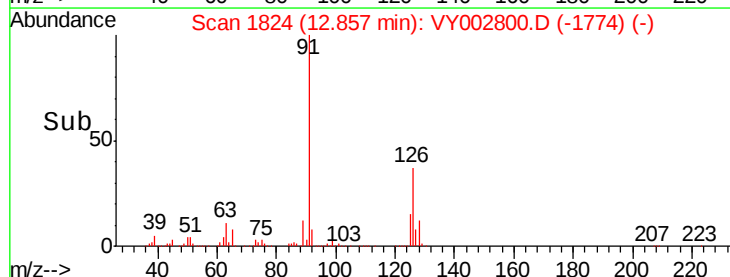
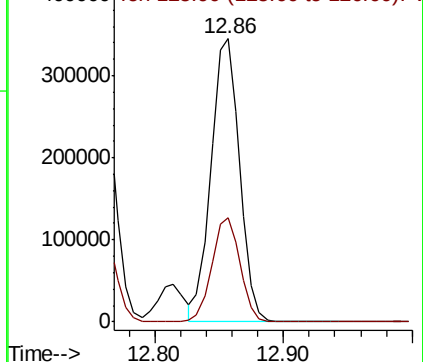
91 100

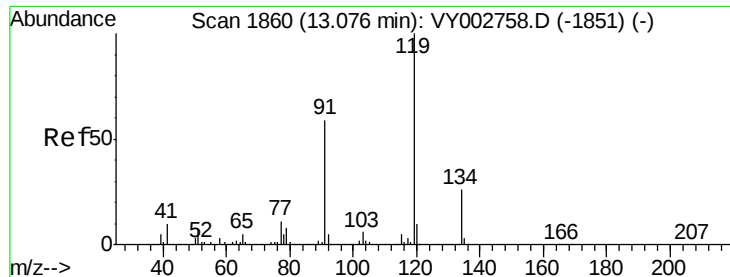
126 36.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

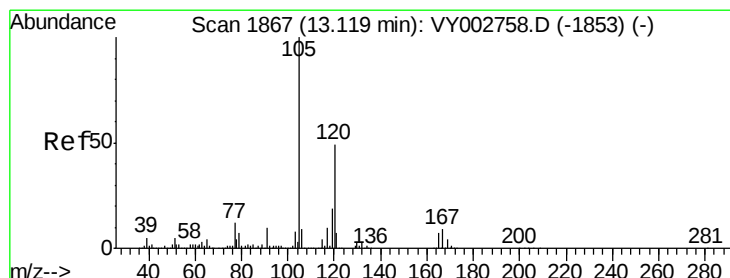
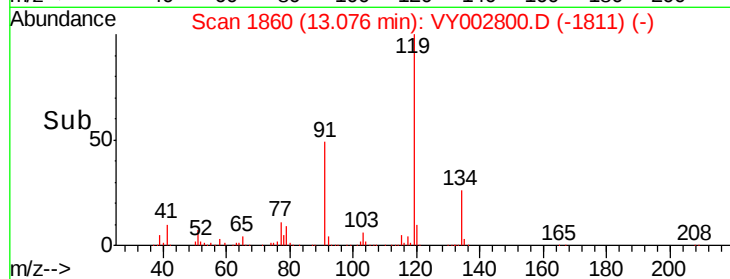
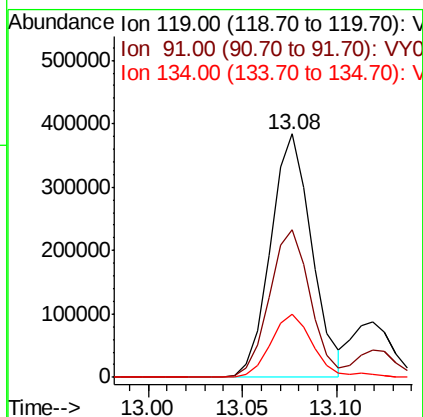
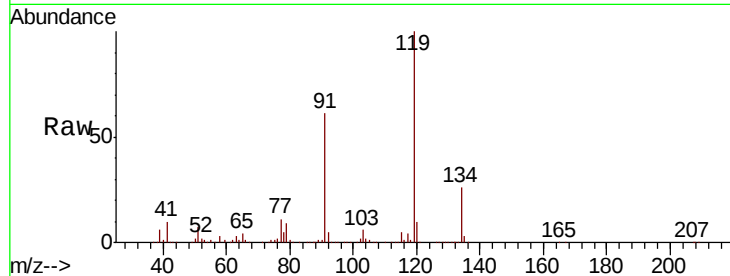




#83
 tert-Butylbenzene
 Concen: 52.681 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

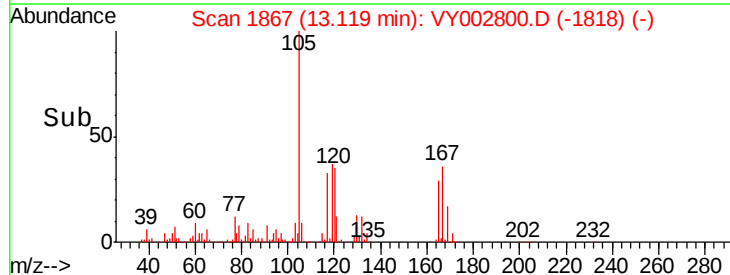
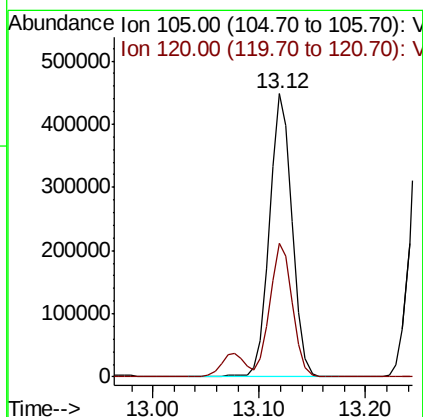
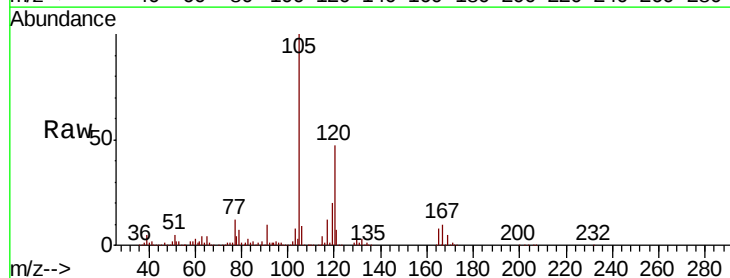
Instrument :
 MSVOA_Y
 ClientSampled :

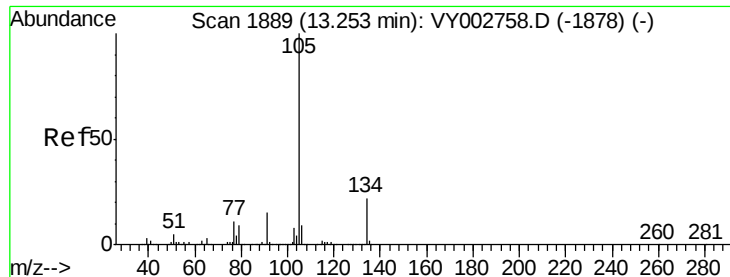
Tot Ion:119 Resp: 580486
 Ion Ratio Lower Upper
 119 100
 91 60.2 29.8 89.4
 134 27.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.669 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion:105 Resp: 666619
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 53.628 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

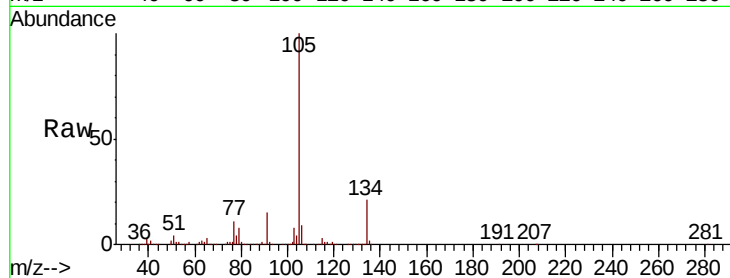
ClientSampleId :

Tot Ion:105 Resp: 807978

Ion Ratio Lower Upper

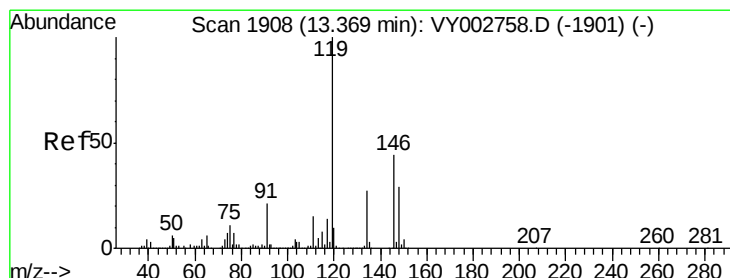
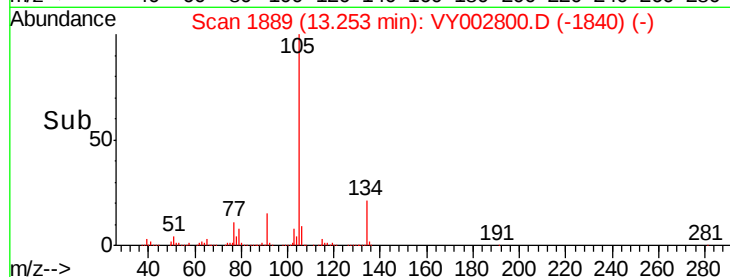
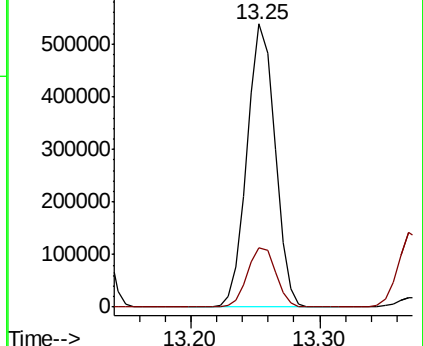
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.735 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

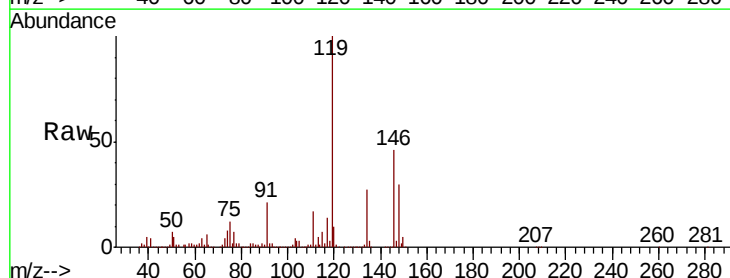
Tgt Ion:119 Resp: 753316

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

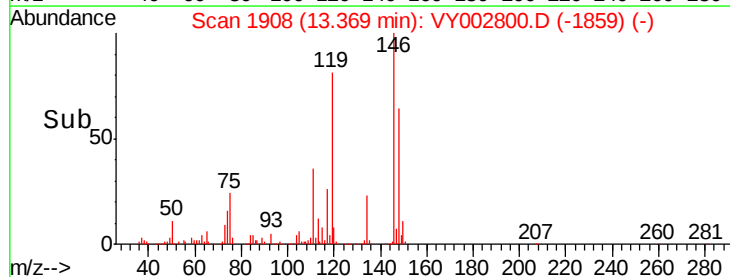
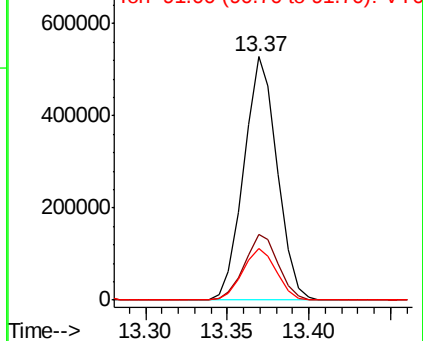
91 21.4 10.8 32.4

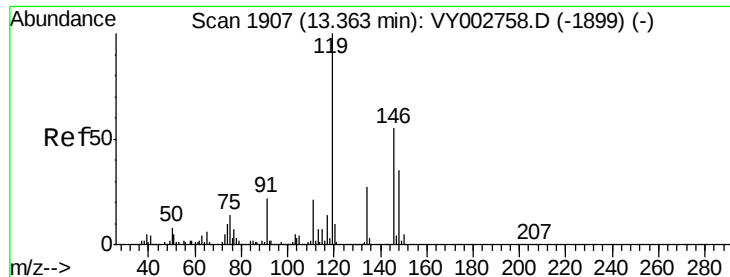


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.932 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampleId :

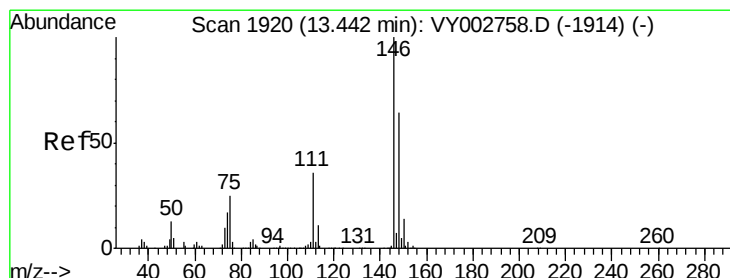
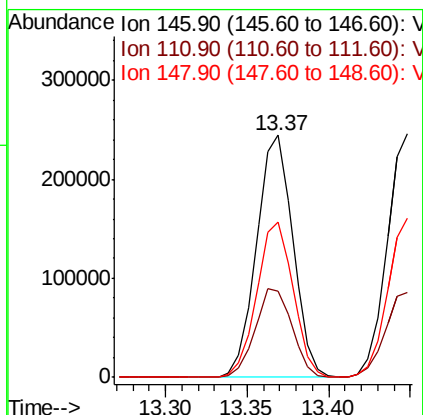
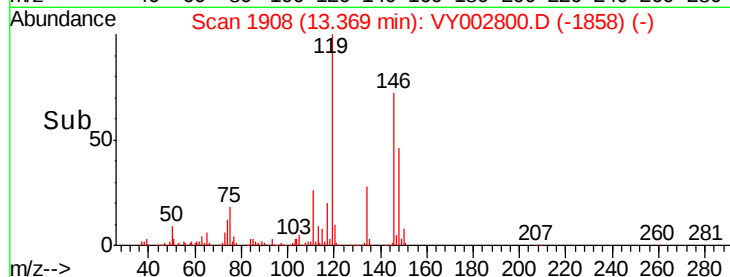
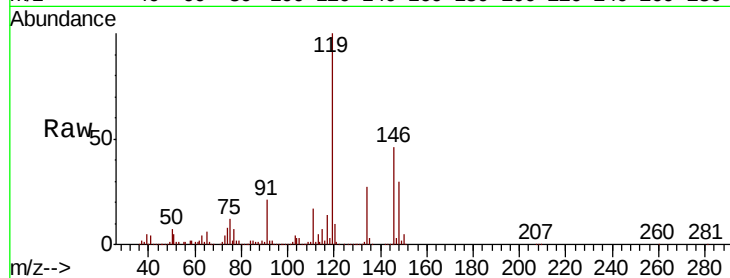
Tot Ion:146 Resp: 378952

Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.0

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 51.407 ug/l

RT: 13.45 min Scan# 1921

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

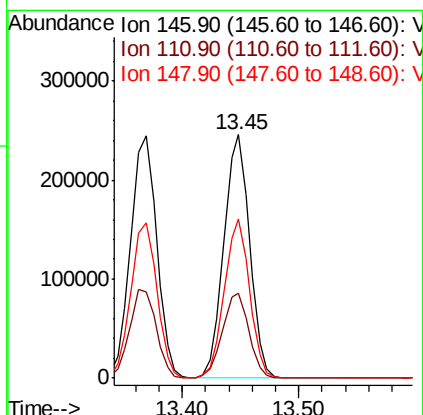
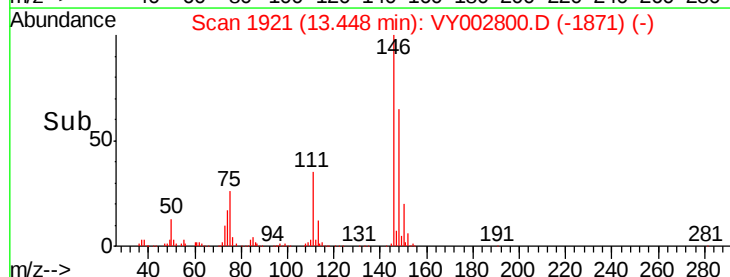
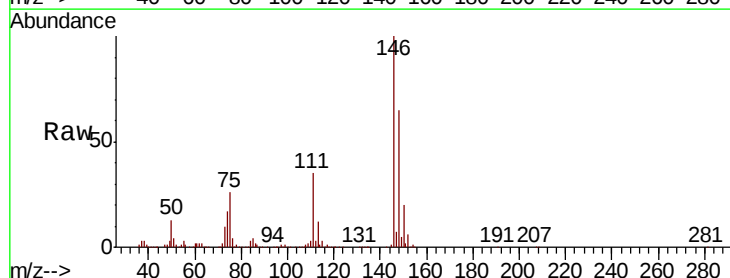
Tgt Ion:146 Resp: 375249

Ion Ratio Lower Upper

146 100

111 35.7 18.1 54.3

148 64.0 32.1 96.3

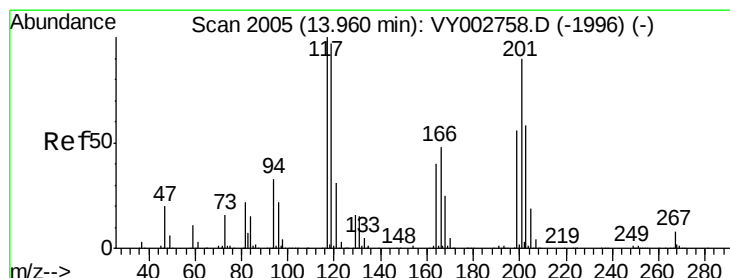
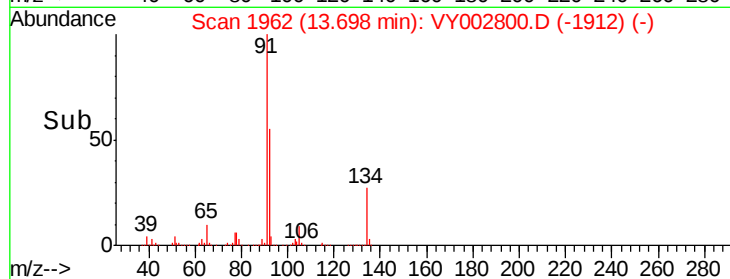
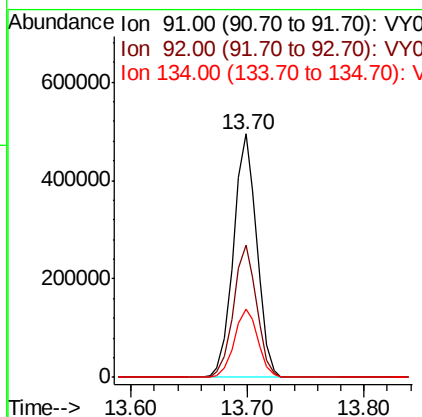
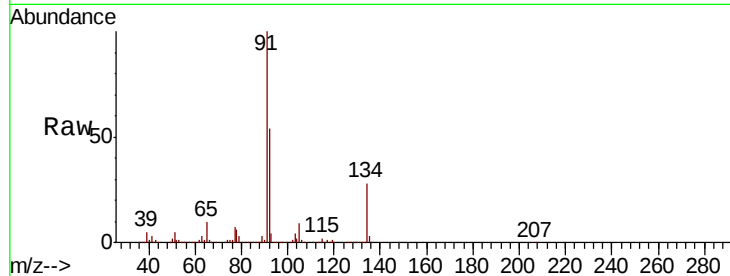




#89
n-Butylbenzene
Concen: 54.063 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

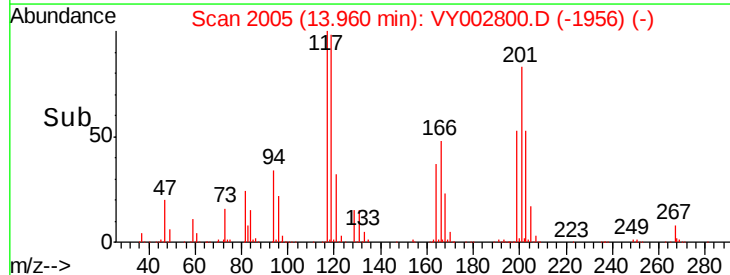
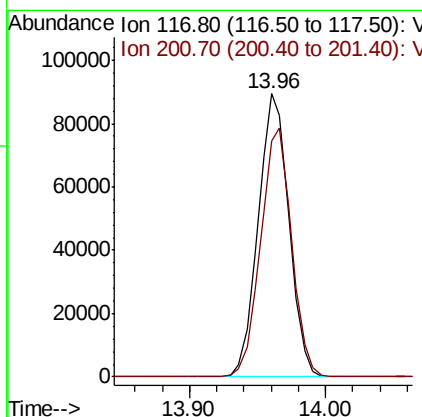
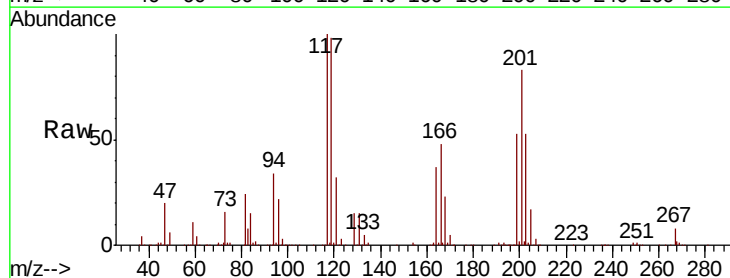
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 688109
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 28.4 14.3 42.9



#90
Hexachloroethane
Concen: 54.065 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion: 117 Resp: 141895
Ion Ratio Lower Upper
117 100
201 88.2 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 51.085 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

Instrument :

MSVOA_Y

ClientSampled :

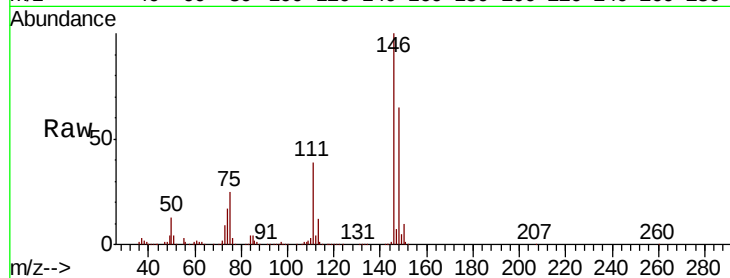
Tot Ion:146 Resp: 338067

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.9

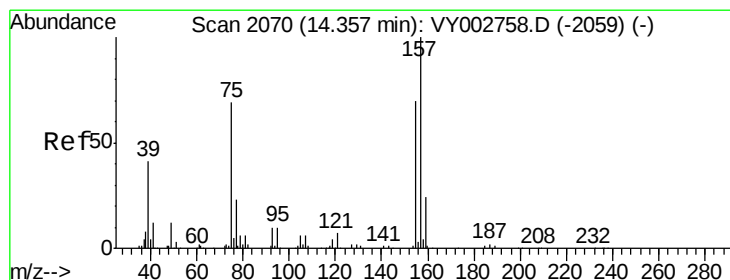
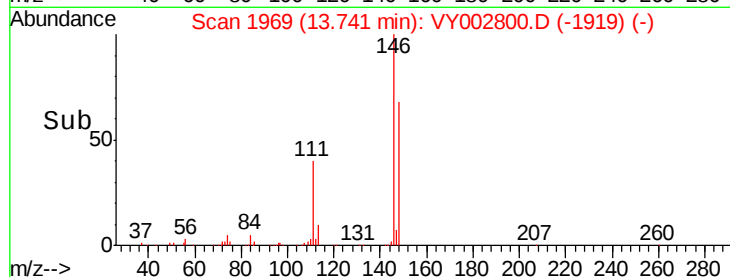
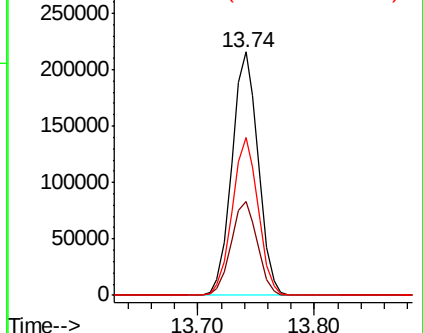
148 64.0 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.177 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002800.D

Acq: 29 May 2020 15:55

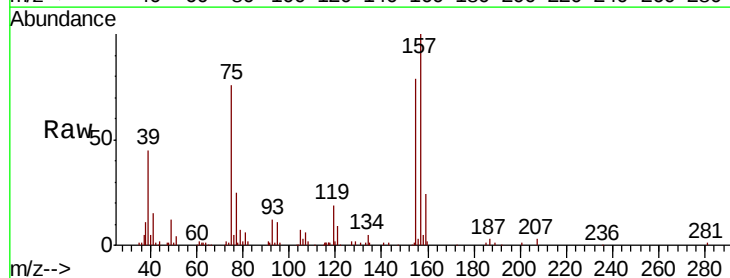
Tgt Ion: 75 Resp: 21064

Ion Ratio Lower Upper

75 100

155 103.2 53.5 160.5

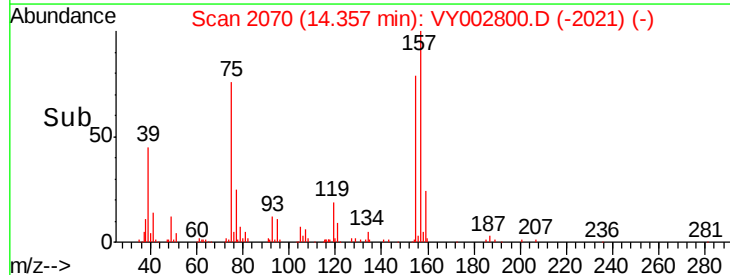
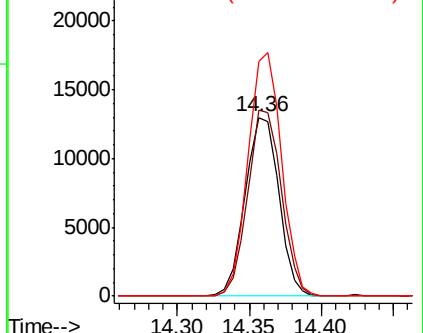
157 135.0 69.9 209.7

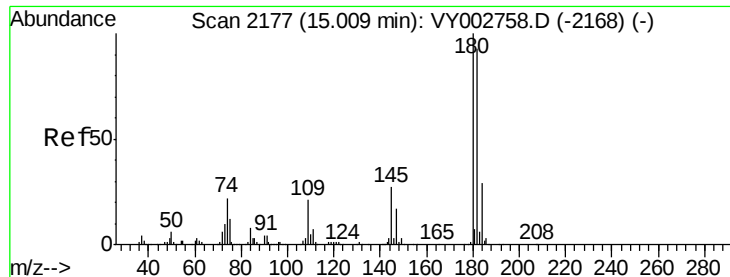


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

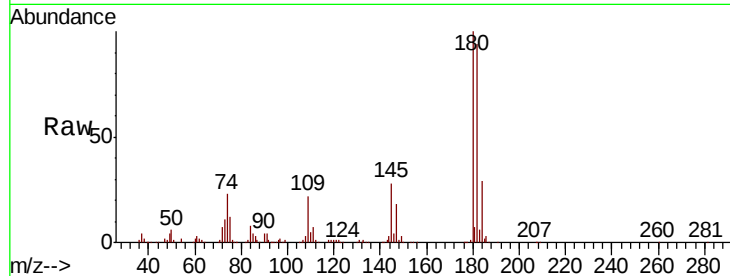




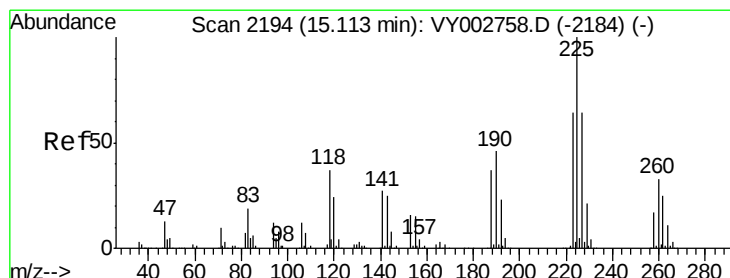
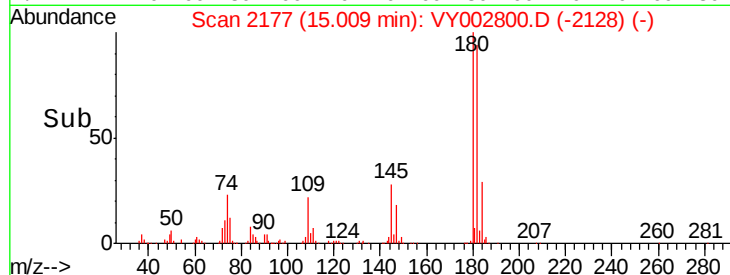
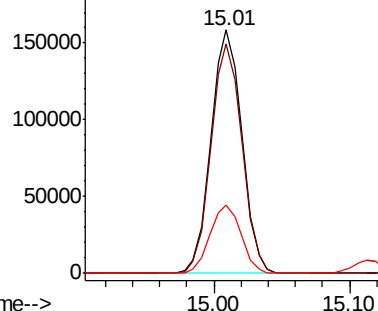
#93
 1,2,4-Trichlorobenzene
 Concen: 50.413 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 251467
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 141.9
 145 28.2 14.1 42.3

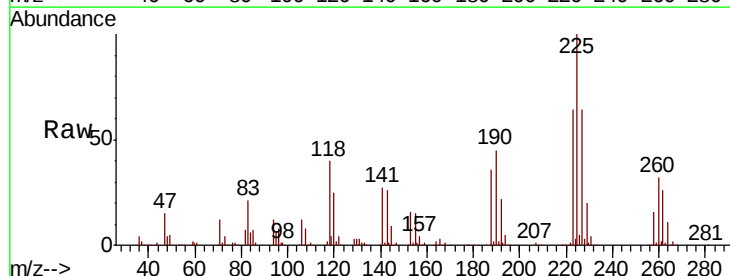


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

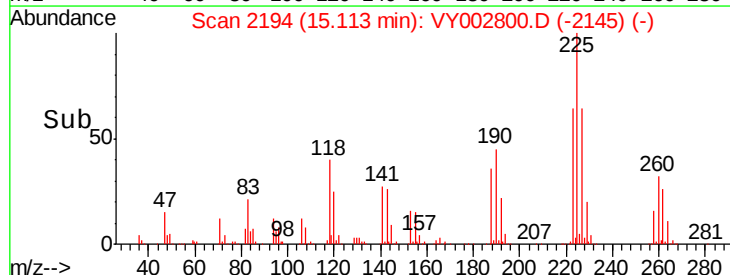
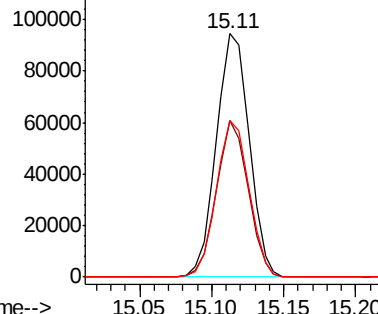


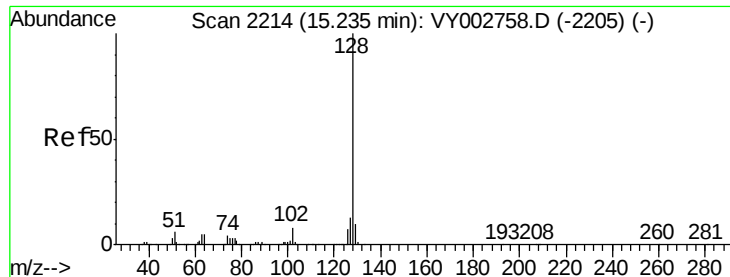
#94
 Hexachlorobutadiene
 Concen: 52.832 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002800.D
 Acq: 29 May 2020 15:55

Tgt Ion:225 Resp: 149472
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.6 95.0
 227 63.7 32.3 96.9



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

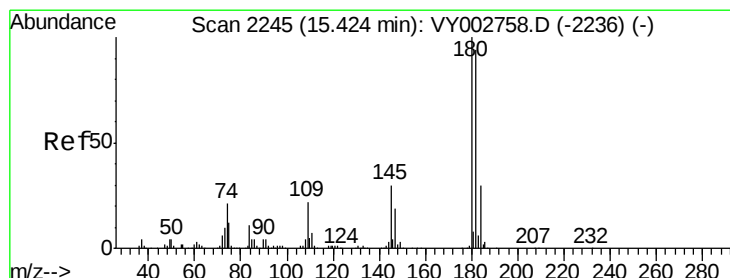
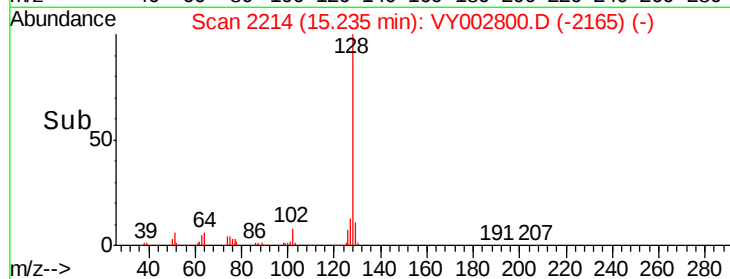
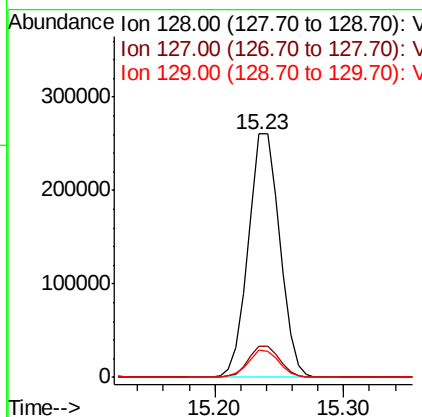
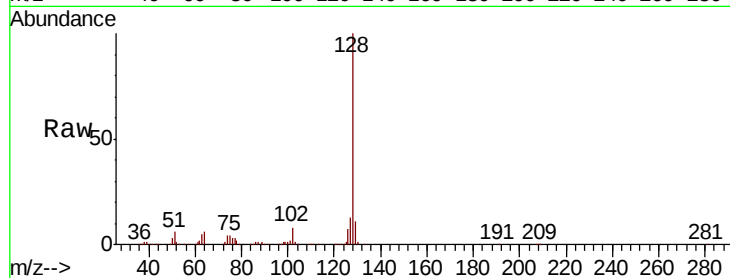




#95
Naphthalene
Concen: 43.852 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.617 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY002800.D
Acq: 29 May 2020 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.4
145	30.2	15.1	45.3

