

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
 Data File : VY002796.D
 Acq On : 29 May 2020 11:49
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 03:55:42 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	294588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	433424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	408050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221196	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	130428	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
35) Dibromofluoromethane	7.72	113	132100	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
50) Toluene-d8	10.18	98	529594	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.48	95	183195	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	41005	20.229	ug/l	96
3) Chloromethane	2.11	50	46989	20.958	ug/l	99
4) Vinyl Chloride	2.26	62	49659	20.955	ug/l	99
5) Bromomethane	2.65	94	37224	20.961	ug/l	100
6) Chloroethane	2.79	64	33169	21.591	ug/l	98
7) Trichlorofluoromethane	3.13	101	88615	21.113	ug/l	97
8) Diethyl Ether	3.54	74	31138	19.000	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	53113	21.313	ug/l	97
10) Methyl Iodide	4.10	142	70019	20.080	ug/l	99
11) Tert butyl alcohol	4.97	59	33387	114.524	ug/l	97
12) 1,1-Dichloroethene	3.88	96	52259	20.853	ug/l	95
13) Acrolein	3.74	56	30751	102.589	ug/l	99
14) Allyl chloride	4.49	41	76040	21.156	ug/l	98
15) Acrylonitrile	5.18	53	78440	106.094	ug/l	99
16) Acetone	3.96	43	61526	102.581	ug/l	99
17) Carbon Disulfide	4.20	76	158684	20.954	ug/l	98
18) Methyl Acetate	4.49	43	34529	22.409	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	143497	20.741	ug/l	100
20) Methylene Chloride	4.72	84	63974	21.826	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	59863	21.240	ug/l	99
22) Diisopropyl ether	6.13	45	160348	21.468	ug/l	96
23) Vinyl Acetate	6.07	43	523093	106.075	ug/l	100
24) 1,1-Dichloroethane	6.02	63	93108	21.310	ug/l	100
25) 2-Butanone	6.99	43	98537	105.448	ug/l	100
26) 2,2-Dichloropropane	6.99	77	88189	21.045	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	66470	21.068	ug/l	100
28) Bromochloromethane	7.34	49	38282	21.343	ug/l	100
29) Tetrahydrofuran	7.36	42	63596	104.628	ug/l	99
30) Chloroform	7.52	83	98705	21.289	ug/l	99
31) Cyclohexane	7.79	56	89125	20.545	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	90320	20.905	ug/l	100
36) 1,1-Dichloropropene	7.92	75	77274	21.165	ug/l	100
37) Ethyl Acetate	7.08	43	42900	21.596	ug/l	99
38) Carbon Tetrachloride	7.91	117	85948	21.191	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	102221	21.241	ug/l	99
40) Benzene	8.17	78	228800	21.209	ug/l	99
41) Methacrylonitrile	7.35	41	60029	56.251	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	64496	21.332	ug/l	99
43) Isopropyl Acetate	8.28	43	80250	21.318	ug/l	100
44) Trichloroethene	8.94	130	72494	21.274	ug/l	97
45) 1,2-Dichloropropane	9.22	63	54638	21.119	ug/l	99
46) Dibromomethane	9.31	93	33156	21.580	ug/l	97
47) Bromodichloromethane	9.50	83	76153	21.024	ug/l	96
48) Methyl methacrylate	9.30	41	35955	21.158	ug/l	99
49) 1,4-Dioxane	9.30	88	10097	427.990	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	213863	107.290	ug/l	98
52) Toluene	10.25	92	149727	21.216	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	84024	21.238	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	96075	21.431	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	50189	21.337	ug/l	95
56) Ethyl methacrylate	10.51	69	66172	21.003	ug/l	99
57) 1,3-Dichloropropane	10.79	76	81414	21.043	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	154702	100.489	ug/l	100
59) 2-Hexanone	10.83	43	151088	106.829	ug/l	100
60) Dibromochloromethane	10.99	129	63293	21.223	ug/l	99
61) 1,2-Dibromoethane	11.09	107	49076	21.150	ug/l	100
64) Tetrachloroethene	10.72	164	76619	20.660	ug/l	98
65) Chlorobenzene	11.52	112	168713	20.919	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	63019	20.747	ug/l	99
67) Ethyl Benzene	11.59	91	290797	20.798	ug/l	100
68) m/p-Xylenes	11.70	106	227401	41.948	ug/l	100
69) o-Xylene	12.03	106	106496	20.810	ug/l	100
70) Styrene	12.04	104	184073	20.749	ug/l	99
71) Bromoform	12.20	173	42090	20.709	ug/l #	98
73) Isopropylbenzene	12.33	105	296351	20.906	ug/l	99
74) N-amyl acetate	12.14	43	76502	21.034	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	52646	21.167	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	77842	39.055	ug/l #	100
77) Bromobenzene	12.61	156	75590	20.480	ug/l	98
78) n-propylbenzene	12.67	91	342153	20.896	ug/l	100
79) 2-Chlorotoluene	12.75	91	190597	20.751	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	245372	20.732	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	22472	21.242	ug/l	98
82) 4-Chlorotoluene	12.85	91	202038	20.995	ug/l	100
83) tert-Butylbenzene	13.08	119	220004	20.839	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	249231	20.942	ug/l	99
85) sec-Butylbenzene	13.25	105	303243	21.007	ug/l	99
86) p-Isopropyltoluene	13.37	119	281135	20.930	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	145692	20.838	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	145008	20.734	ug/l	99
89) n-Butylbenzene	13.70	91	257438	21.110	ug/l	100
90) Hexachloroethane	13.96	117	52592	20.915	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	132814	20.947	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10293	21.511	ug/l	93

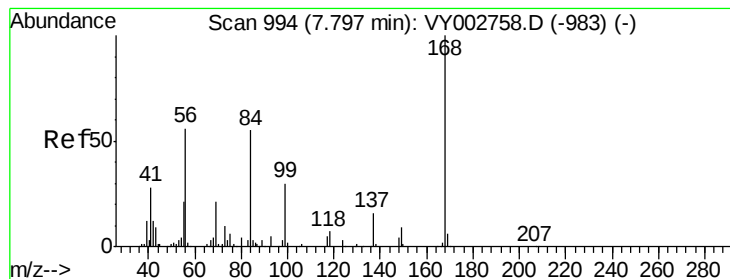
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052920\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	100966	21.126	ug/l	100
94) Hexachlorobutadiene	15.11	225	57738	21.300	ug/l	99
95) Naphthalene	15.23	128	199449	20.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	90140	21.121	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: VY002796.D

Acq: 29 May 2020 11:49

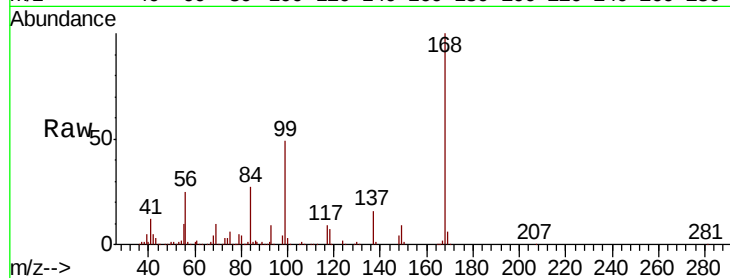
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 294588

Ion Ratio Lower Upper

168 100

99 48.8 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

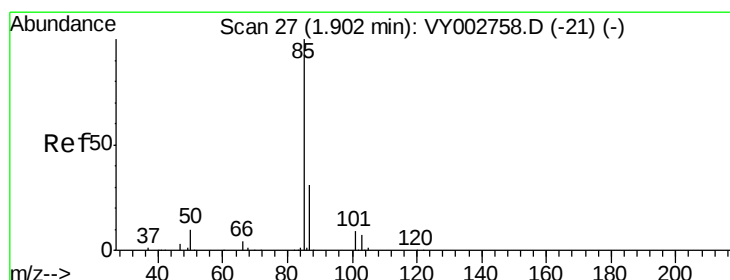
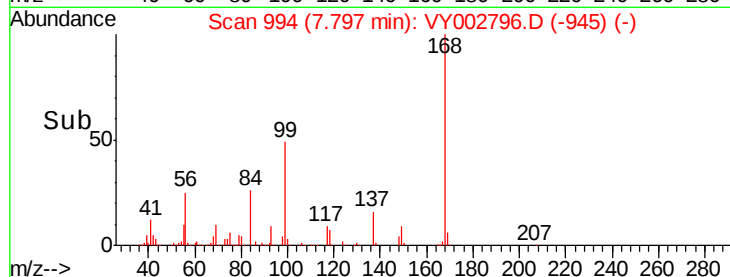
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.229 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002796.D

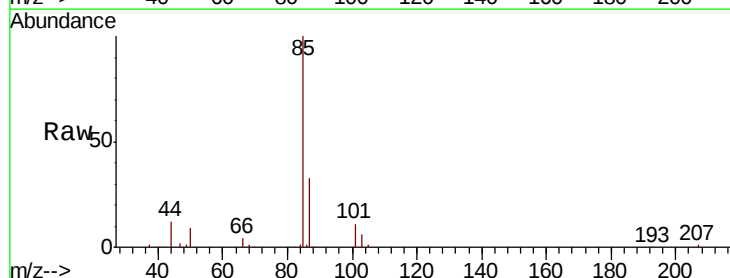
Acq: 29 May 2020 11:49

Tgt Ion: 85 Resp: 41005

Ion Ratio Lower Upper

85 100

87 33.2 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

30000

25000

20000

15000

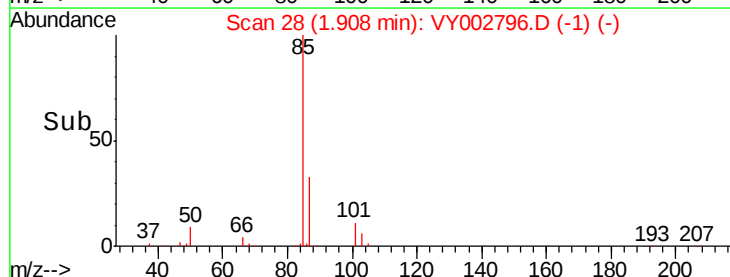
10000

5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 20.958 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

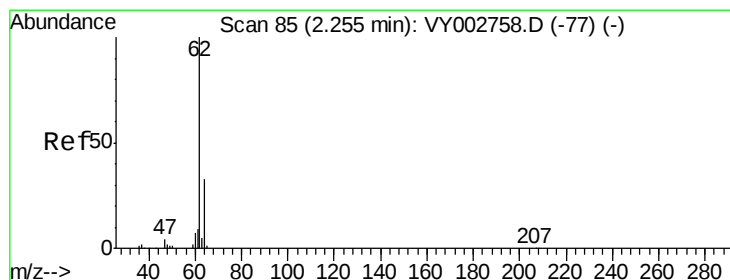
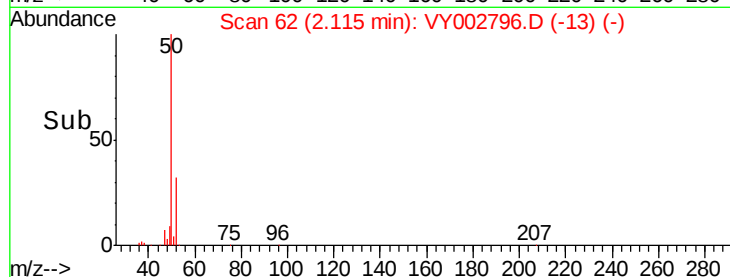
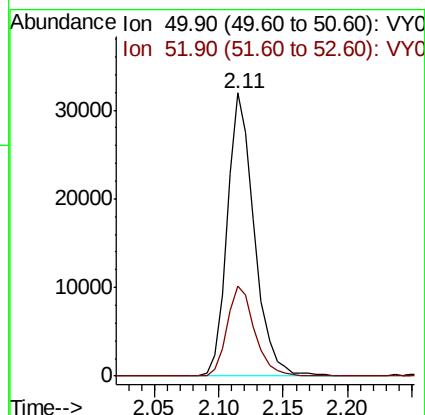
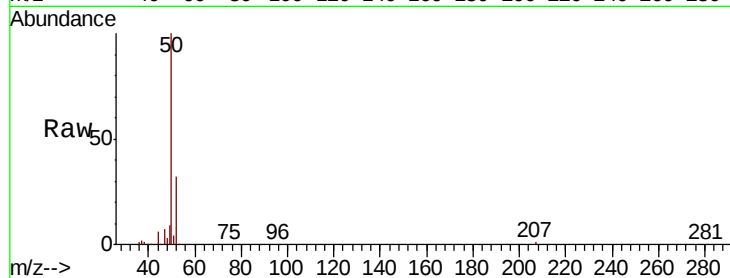
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 50 Resp: 46989

Ion Ratio Lower Upper

50 100

52 31.6 25.8 38.6



#4

Vinyl Chloride

Concen: 20.955 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002796.D

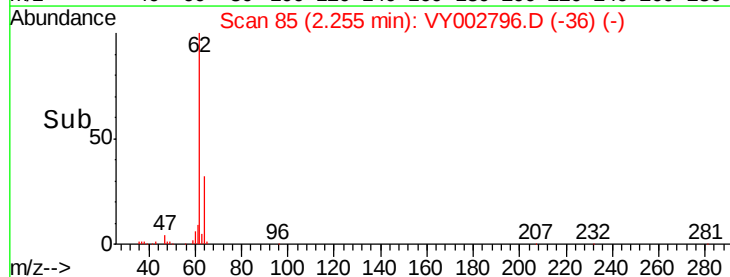
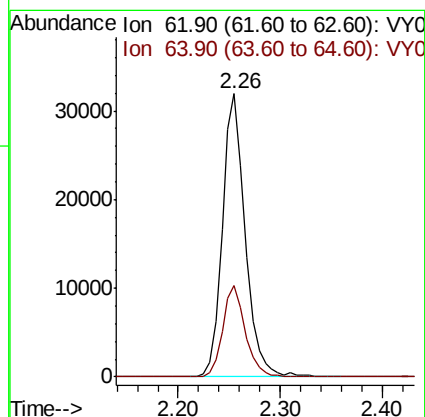
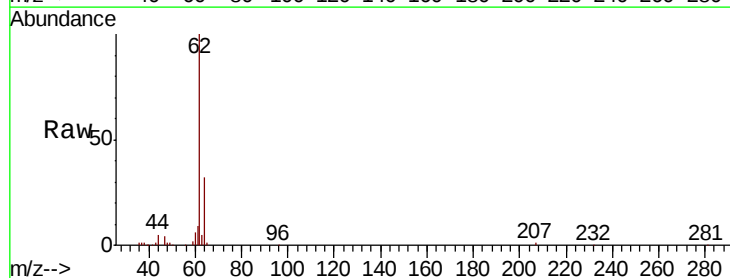
Acq: 29 May 2020 11:49

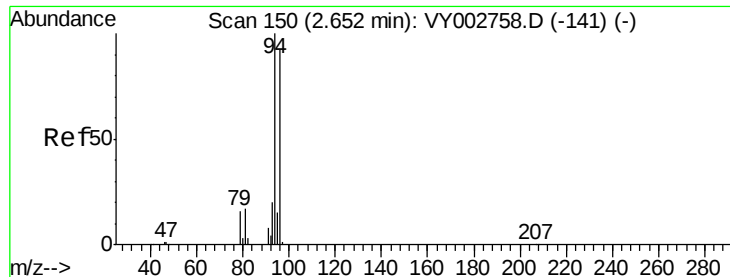
Tgt Ion: 62 Resp: 49659

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 20.961 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

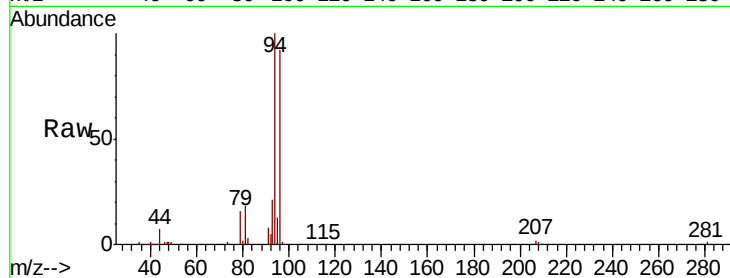
ClientSampleId :

Tot Ion: 94 Resp: 37224

Ion Ratio Lower Upper

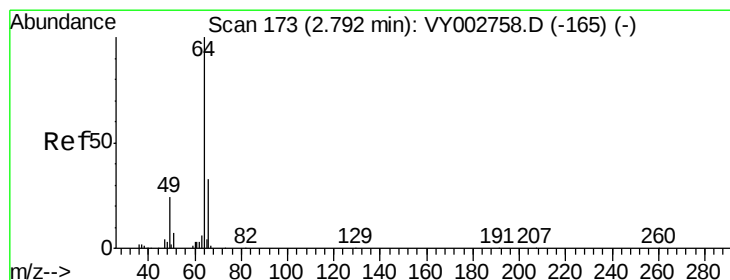
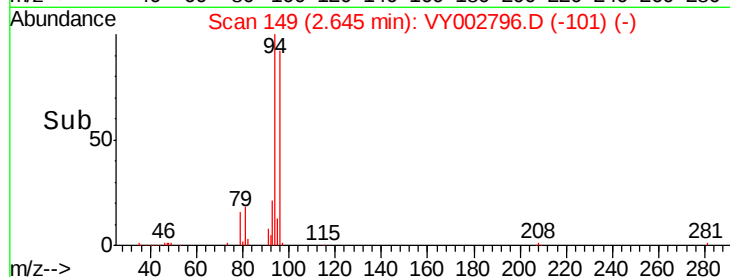
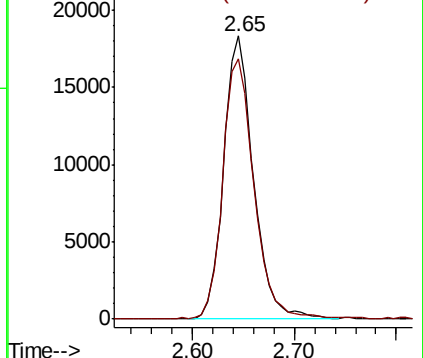
94 100

96 91.8 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: 21.591 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY002796.D

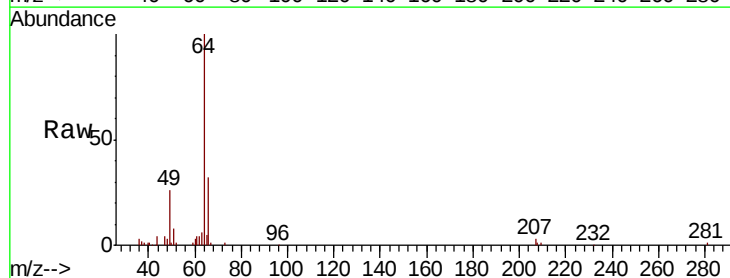
Acq: 29 May 2020 11:49

Tgt Ion: 64 Resp: 33169

Ion Ratio Lower Upper

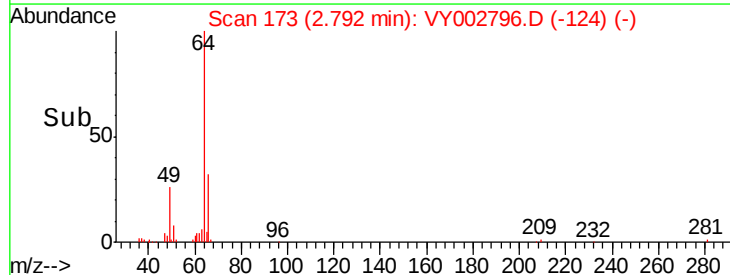
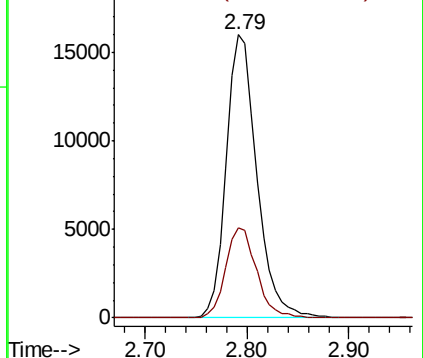
64 100

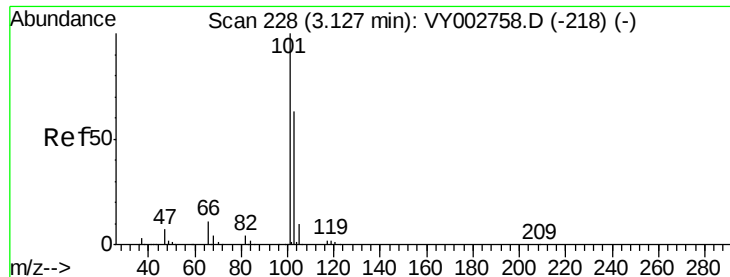
66 31.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



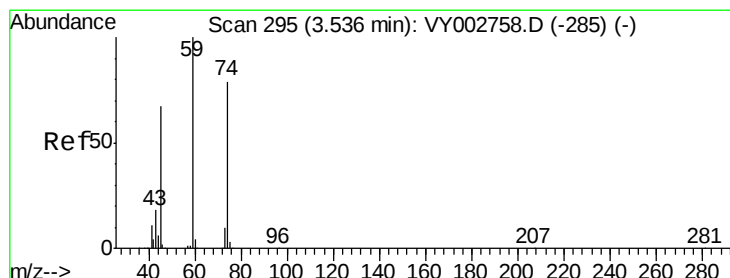
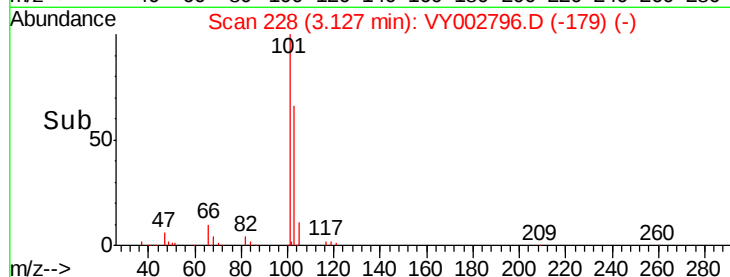
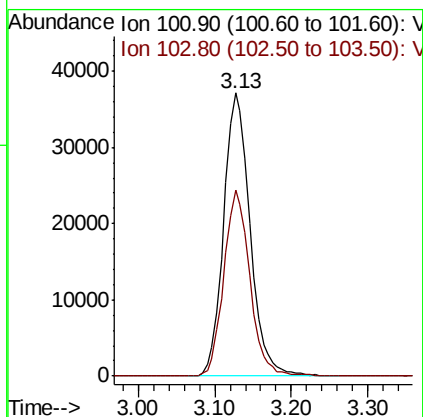
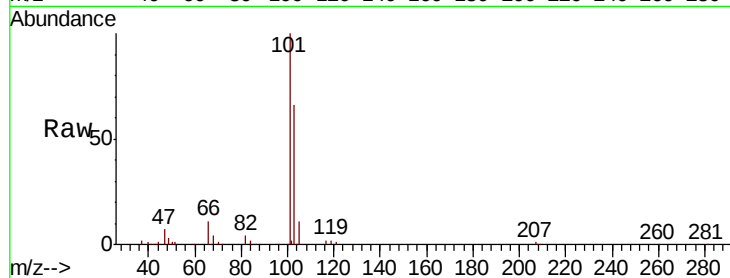


#7

Trichlorofluoromethane
Concen: 21.113 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :

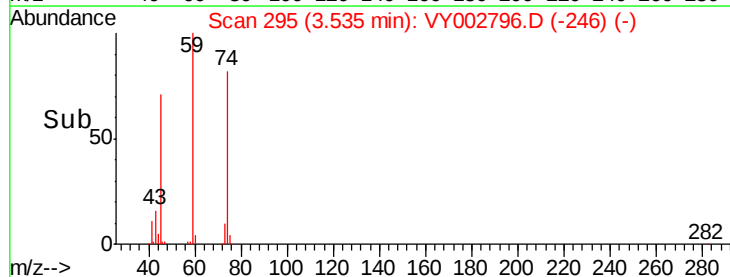
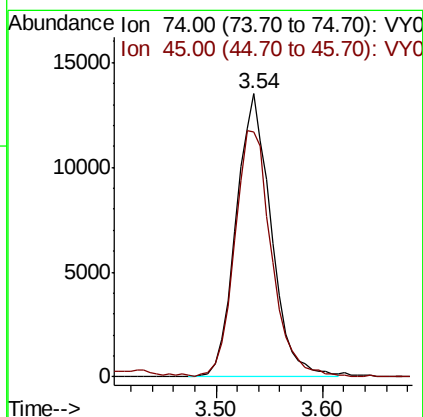
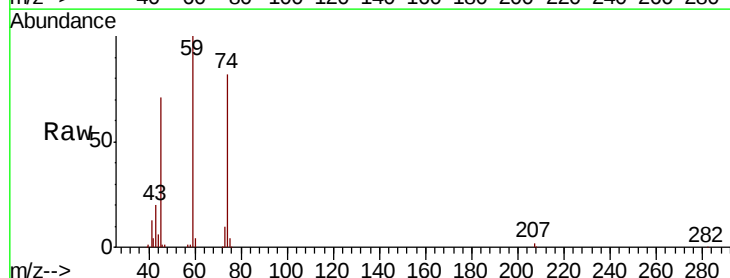
Tot Ion:101 Resp: 88615
Ion Ratio Lower Upper
101 100
103 65.8 50.6 76.0

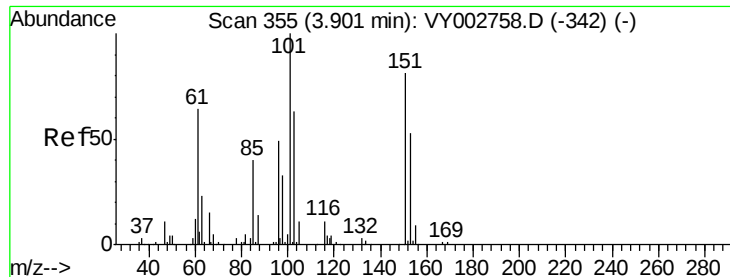


#8

Diethyl Ether
Concen: 19.000 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 74 Resp: 31138
Ion Ratio Lower Upper
74 100
45 92.0 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.313 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

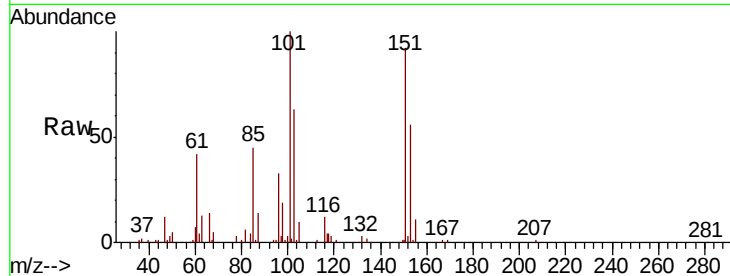
Tot Ion:101 Resp: 53113

Ion Ratio Lower Upper

101 100

85 42.9 32.7 49.1

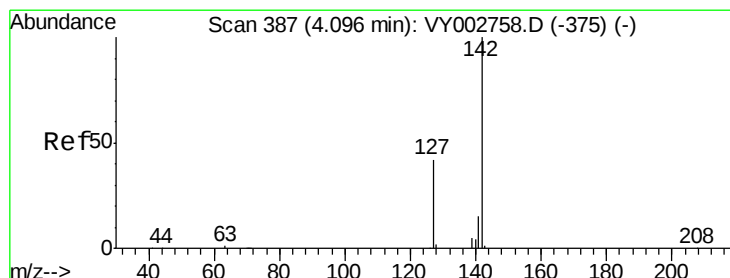
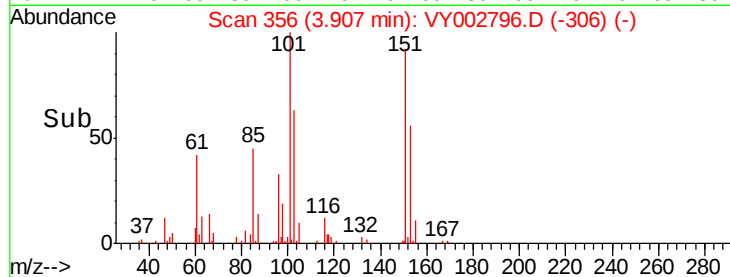
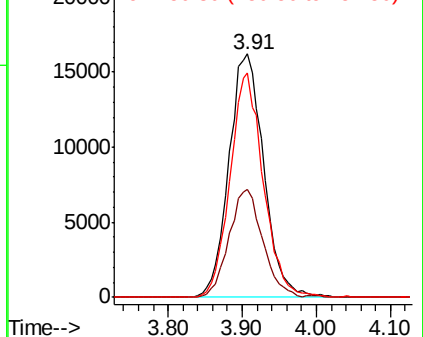
151 87.7 68.0 102.0



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: 20.080 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

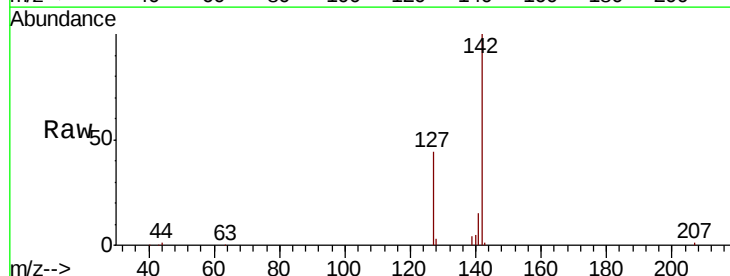
Tgt Ion:142 Resp: 70019

Ion Ratio Lower Upper

142 100

127 42.1 33.3 49.9

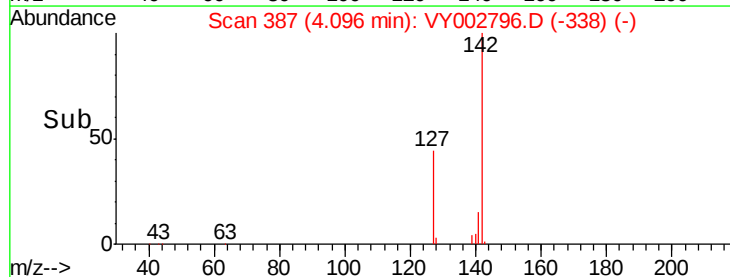
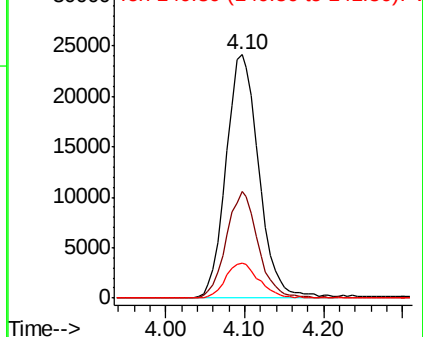
141 14.7 11.5 17.3



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



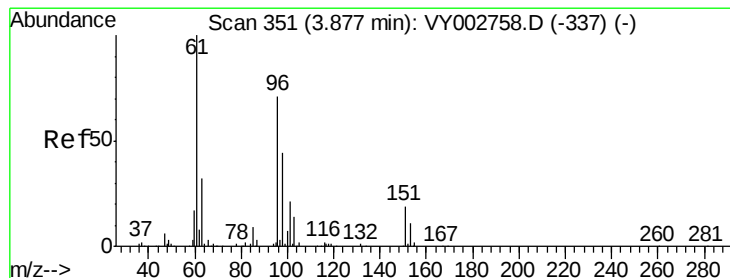
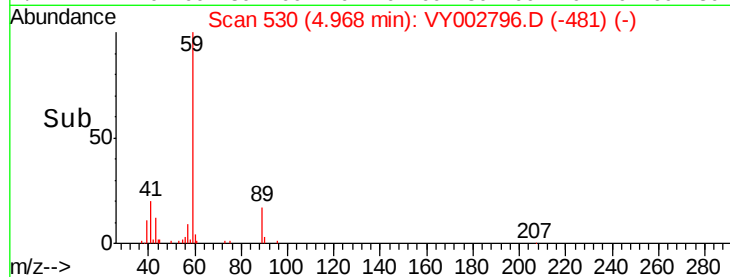
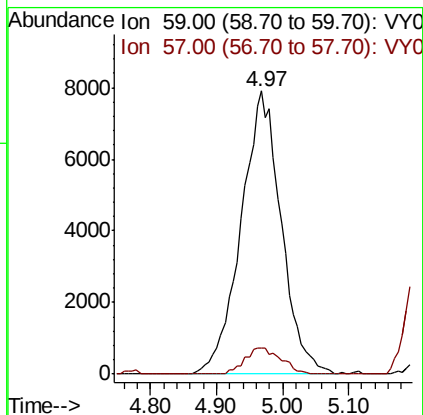
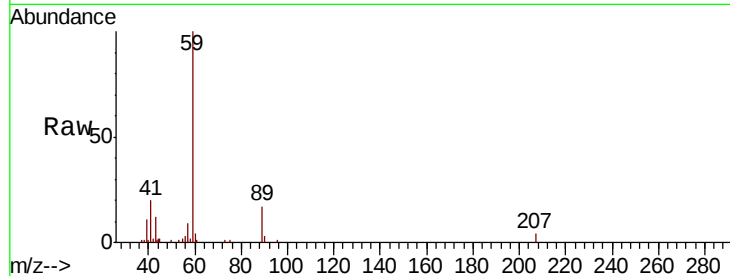


#11

Tert butyl alcohol
 Concen: 114.524 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampled :

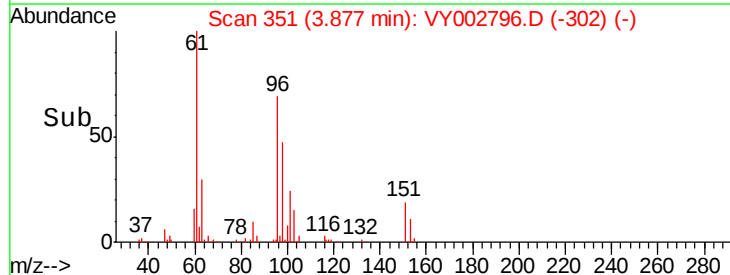
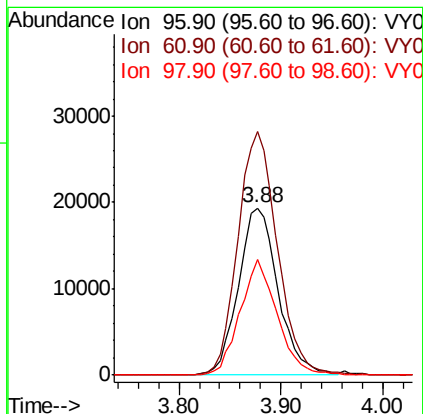
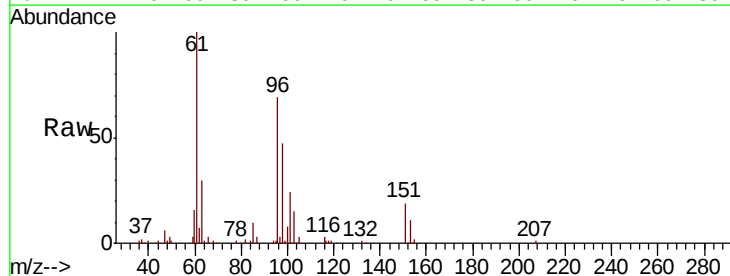
Tot Ion: 59 Resp: 33387
 Ion Ratio Lower Upper
 59 100
 57 8.4 7.7 11.5

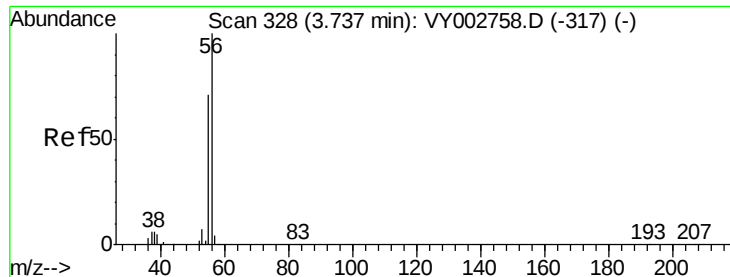


#12

1,1-Dichloroethene
 Concen: 20.853 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion: 96 Resp: 52259
 Ion Ratio Lower Upper
 96 100
 61 145.5 112.6 168.8
 98 69.1 50.0 75.0





#13

Acrolein

Concen: 102.589 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

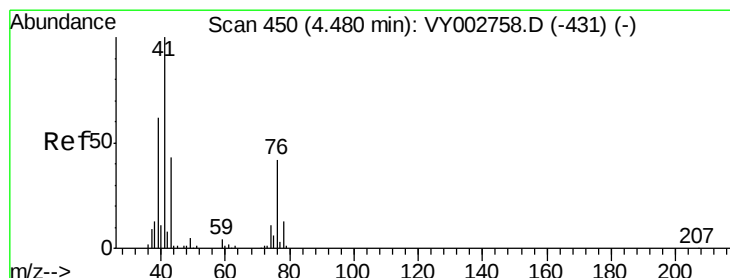
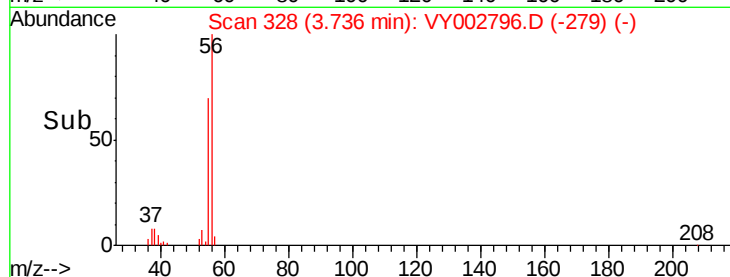
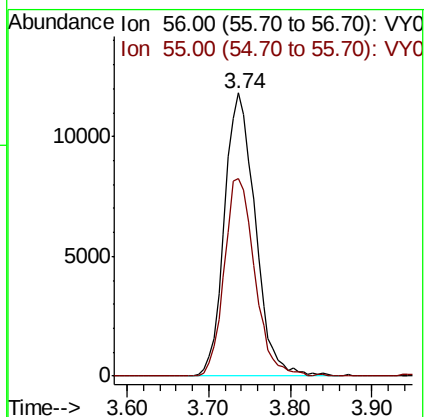
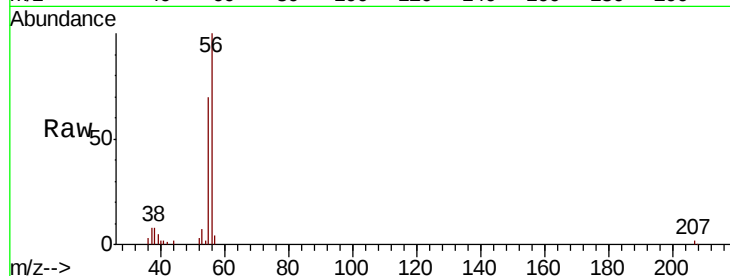
ClientSampleId :

Tot Ion: 56 Resp: 30751

Ion Ratio Lower Upper

56 100

55 69.2 56.0 84.0



#14

Allyl chloride

Concen: 21.156 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

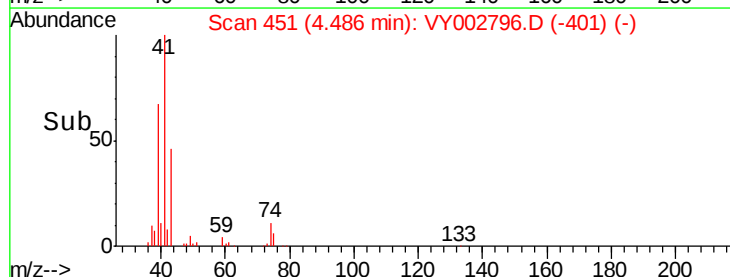
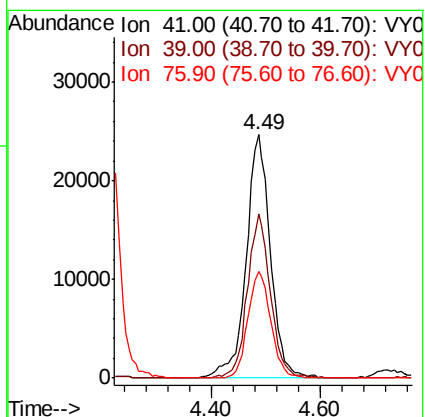
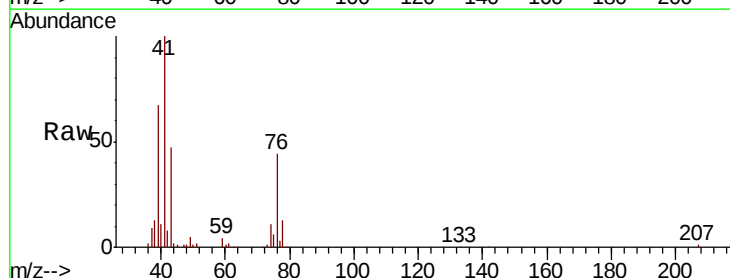
Tgt Ion: 41 Resp: 76040

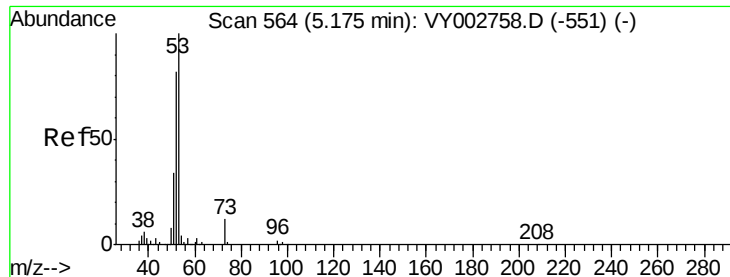
Ion Ratio Lower Upper

41 100

39 64.4 49.9 74.9

76 41.5 33.2 49.8





#15

Acrylonitrile

Concen: 106.094 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :

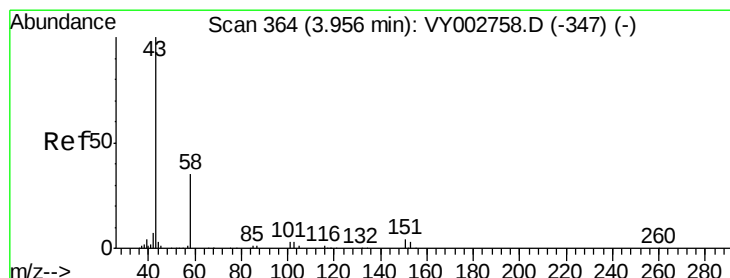
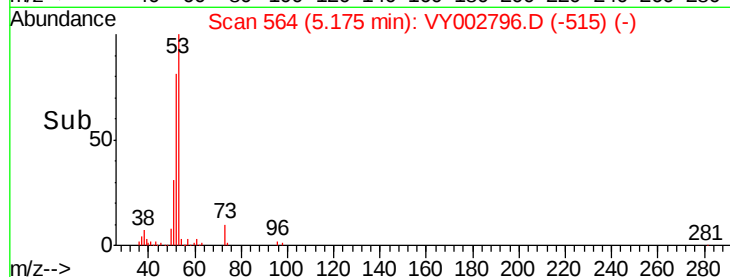
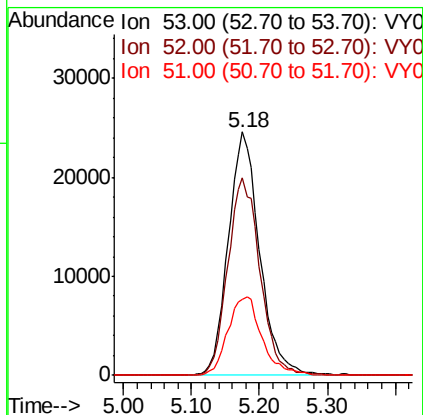
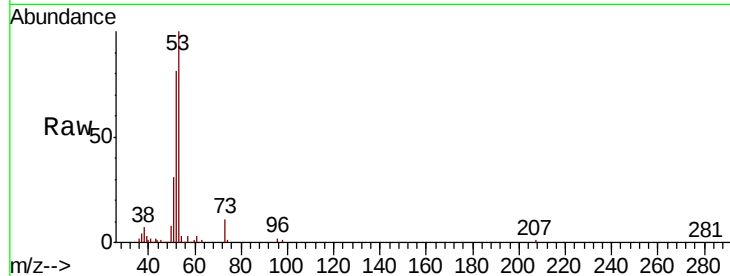
Tot Ion: 53 Resp: 78440

Ion Ratio Lower Upper

53 100

52 83.4 65.3 97.9

51 35.0 28.0 42.0



#16

Acetone

Concen: 102.581 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002796.D

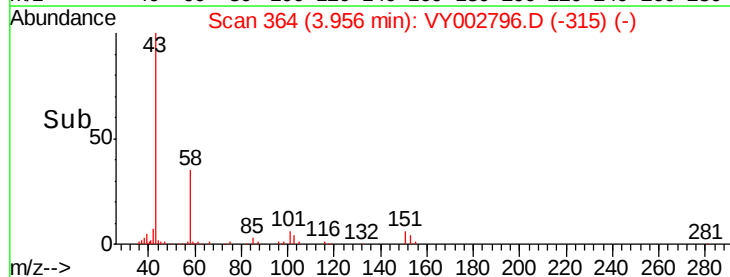
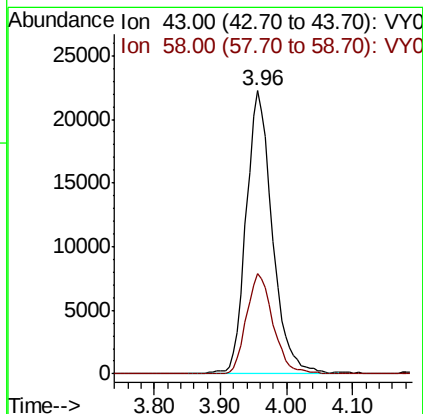
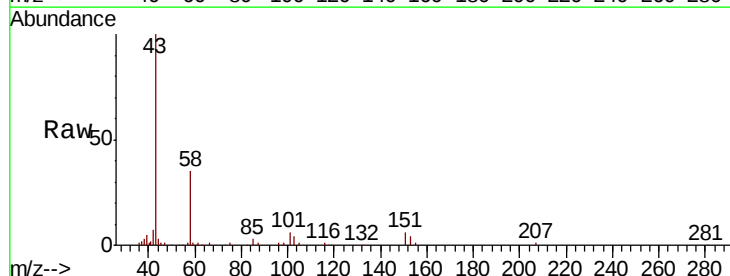
Acq: 29 May 2020 11:49

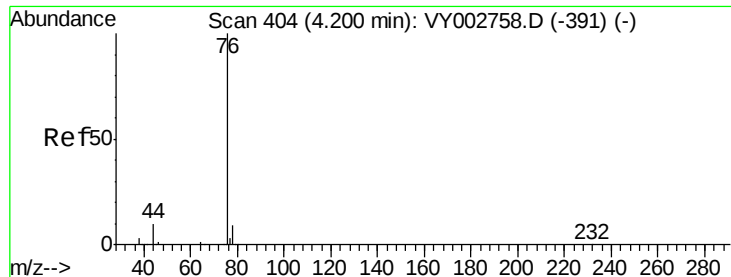
Tgt Ion: 43 Resp: 61526

Ion Ratio Lower Upper

43 100

58 35.3 27.7 41.5





#17

Carbon Disulfide

Concen: 20.954 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

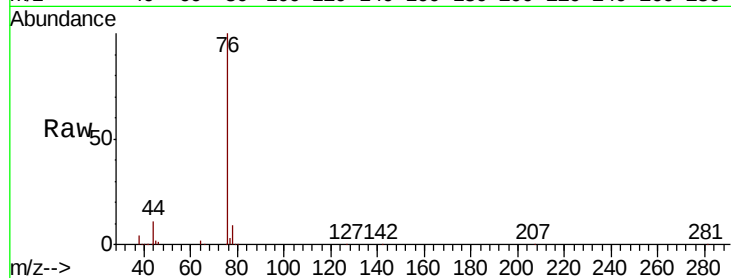
ClientSampleId :

Tot Ion: 76 Resp: 158684

Ion Ratio Lower Upper

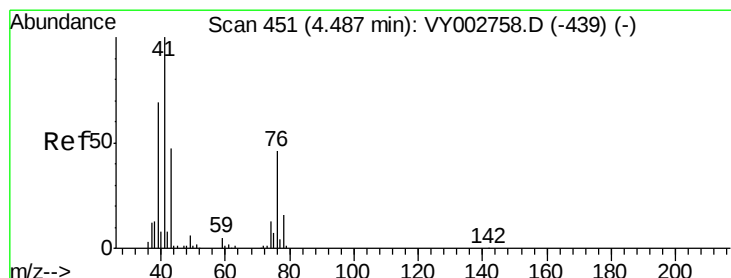
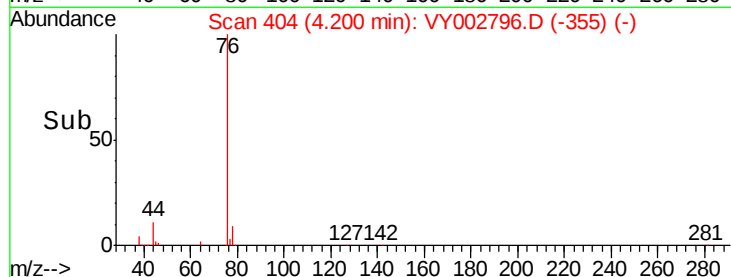
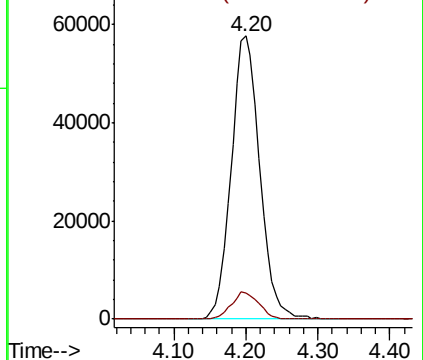
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.409 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002796.D

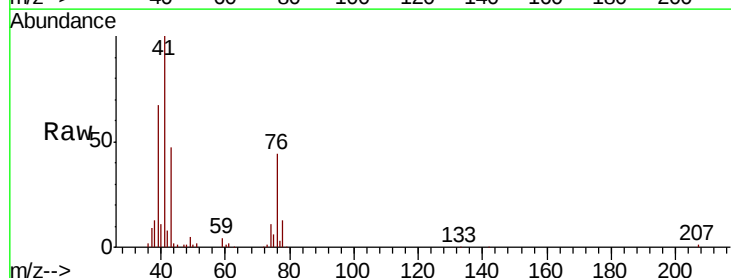
Acq: 29 May 2020 11:49

Tgt Ion: 43 Resp: 34529

Ion Ratio Lower Upper

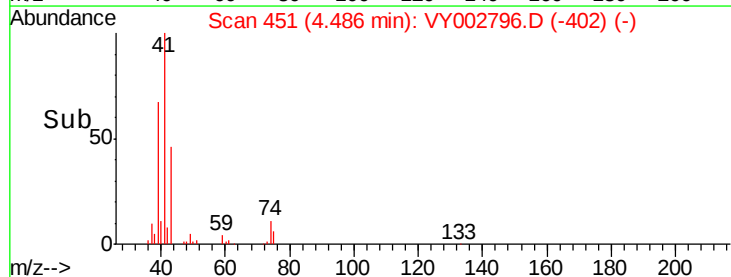
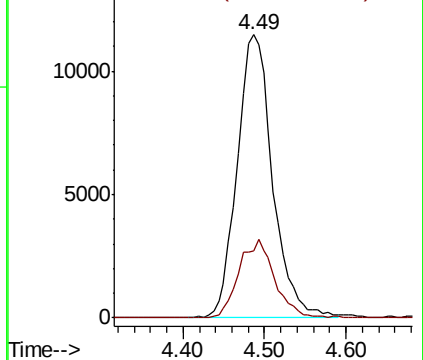
43 100

74 27.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

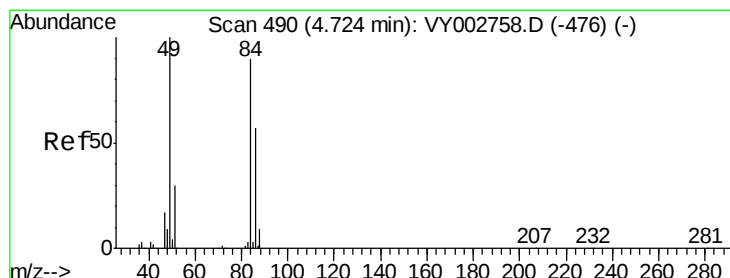
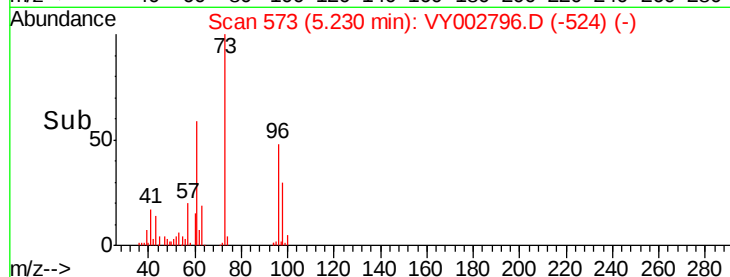
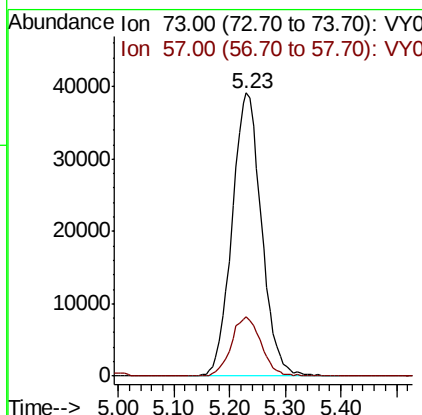
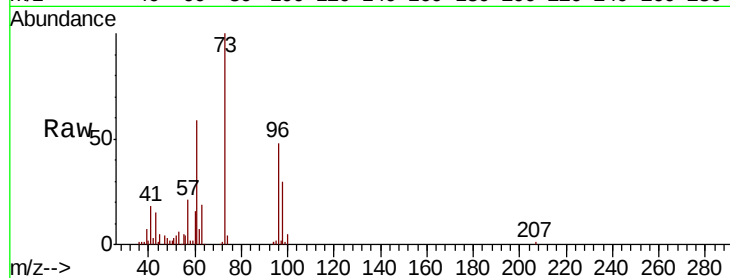




#19
Methvl tert-butvl Ether
Concen: 20.741 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

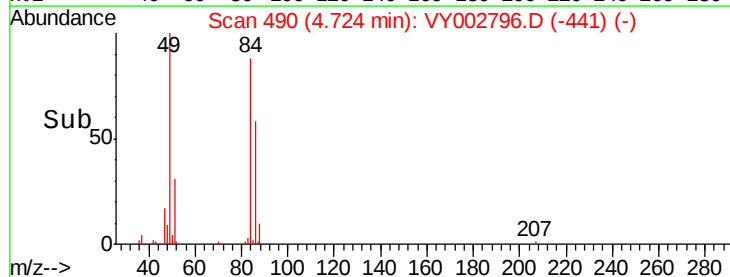
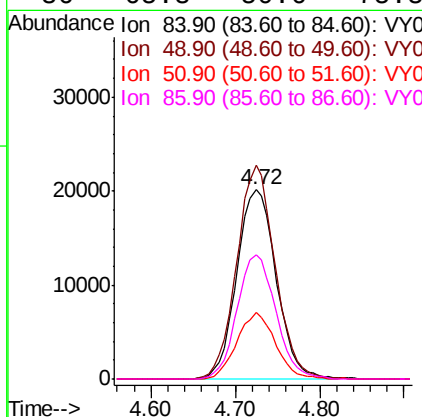
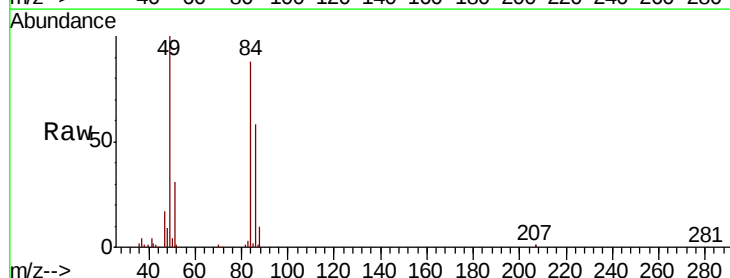
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 73 Resp: 143497
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4



#20
Methylene Chloride
Concen: 21.826 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 84 Resp: 63974
Ion Ratio Lower Upper
84 100
49 113.0 88.5 132.7
51 35.6 26.8 40.2
86 65.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 21.240 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

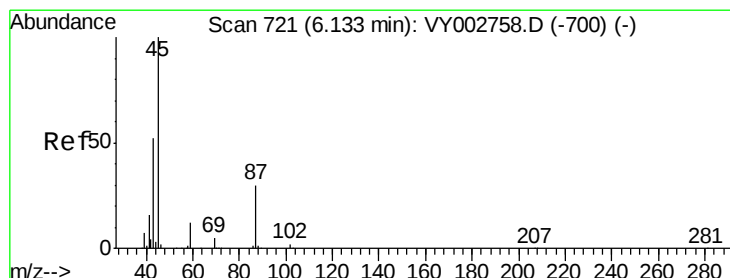
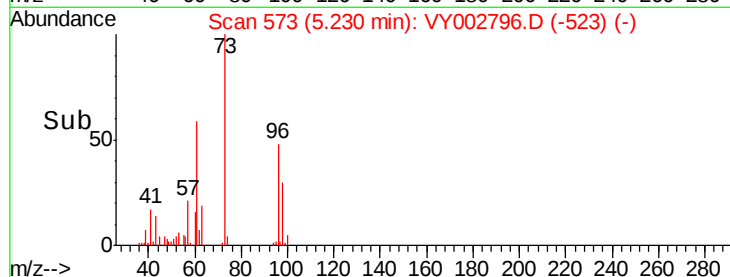
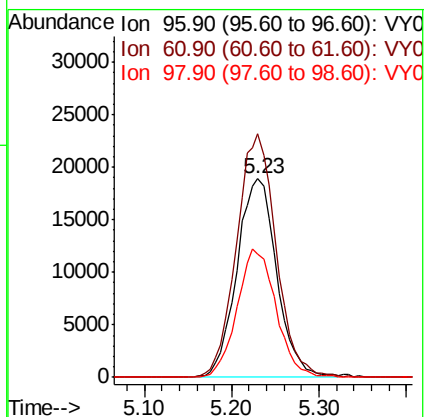
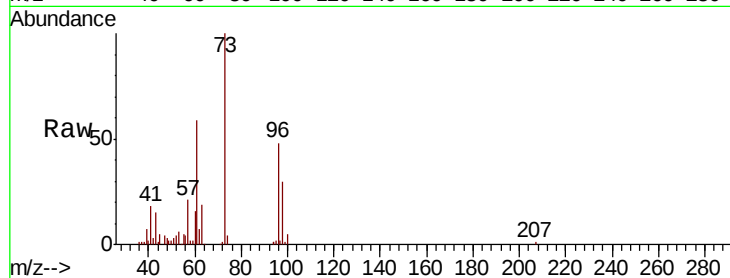
Tot Ion: 96 Resp: 59863

Ion Ratio Lower Upper

96 100

61 122.7 96.8 145.2

98 61.8 49.4 74.0



#22

Diisopropyl ether

Concen: 21.468 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Tgt Ion: 45 Resp: 160348

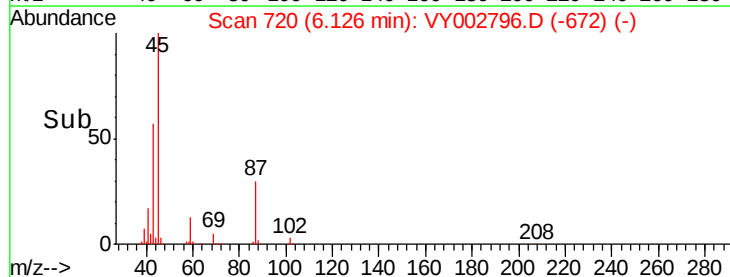
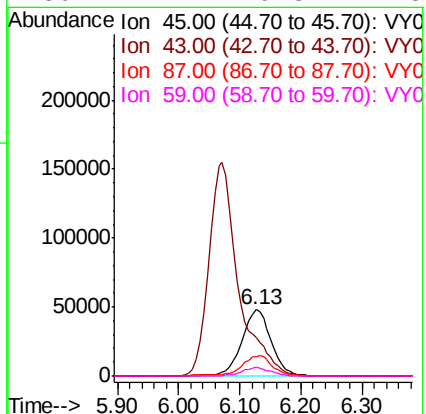
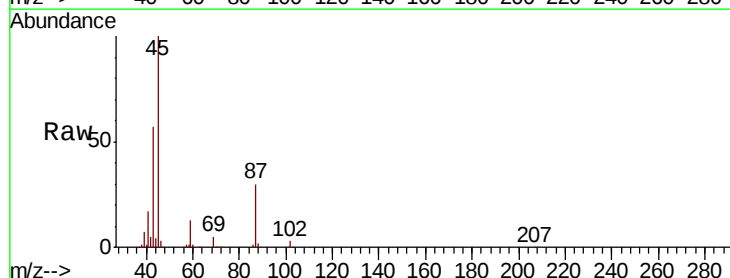
Ion Ratio Lower Upper

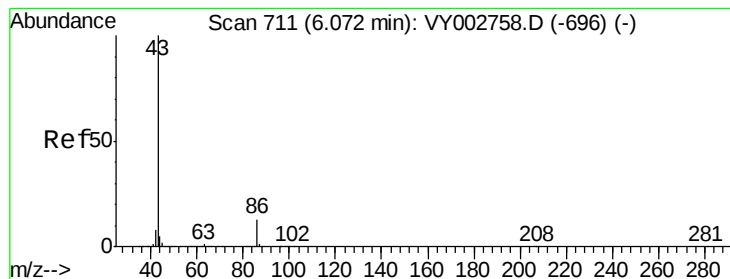
45 100

43 56.8 41.7 62.5

87 29.7 24.2 36.2

59 12.7 9.8 14.8





#23

Vinyl Acetate

Concen: 106.075 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

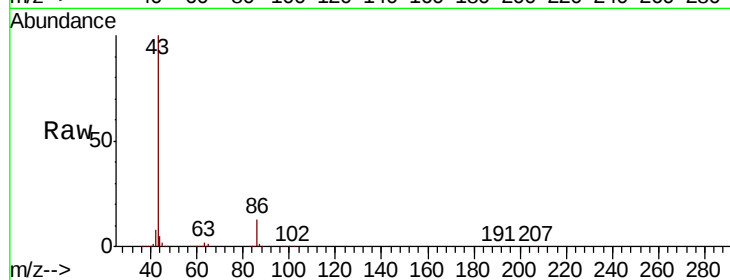
ClientSampleId :

Tot Ion: 43 Resp: 523093

Ion Ratio Lower Upper

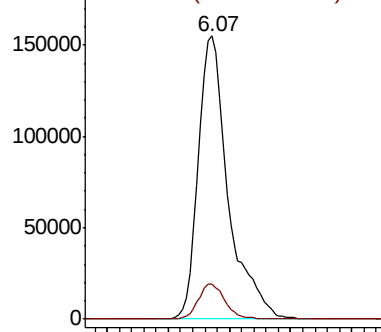
43 100

86 12.5 10.2 15.2

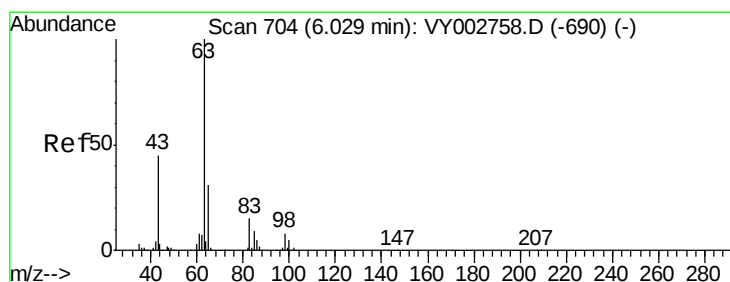
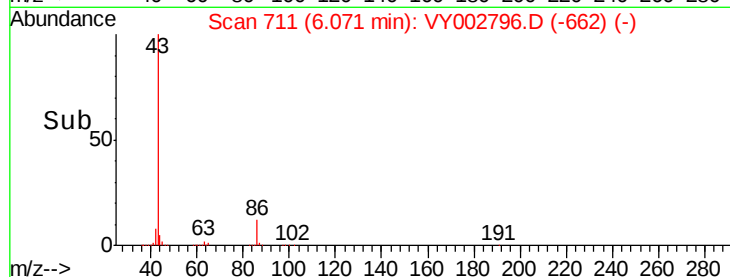


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 21.310 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

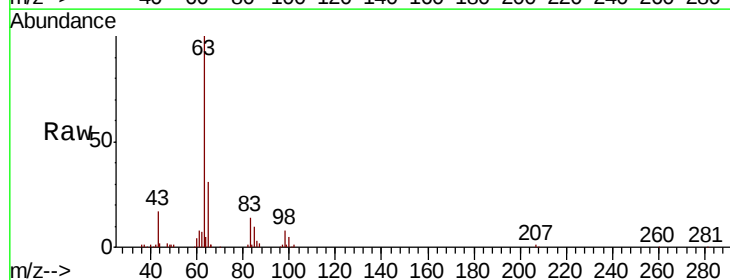
Tgt Ion: 63 Resp: 93108

Ion Ratio Lower Upper

63 100

98 7.8 4.0 12.2

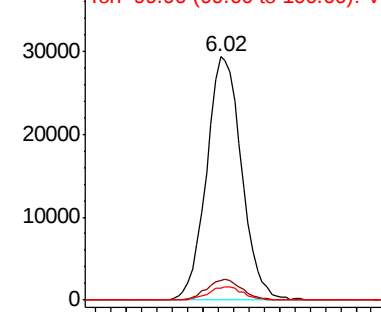
100 4.7 2.4 7.1



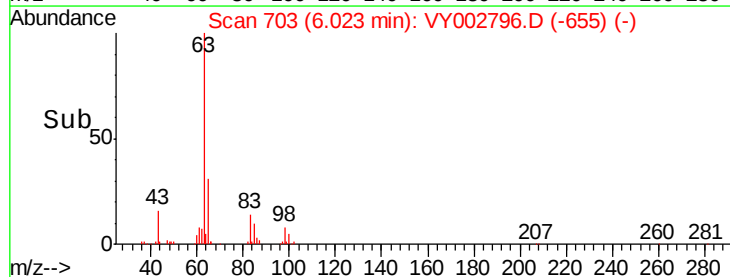
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->

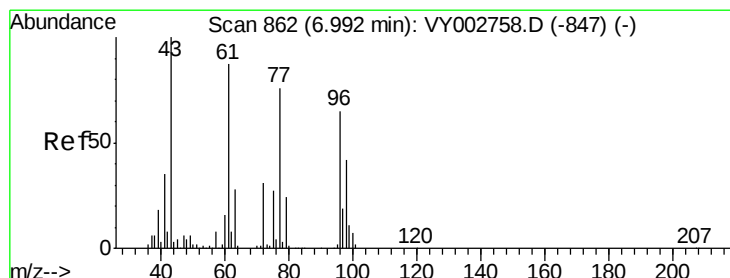
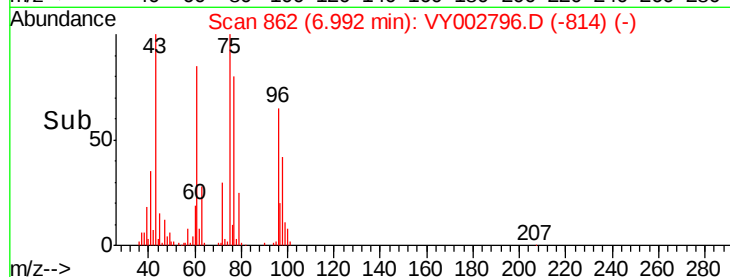
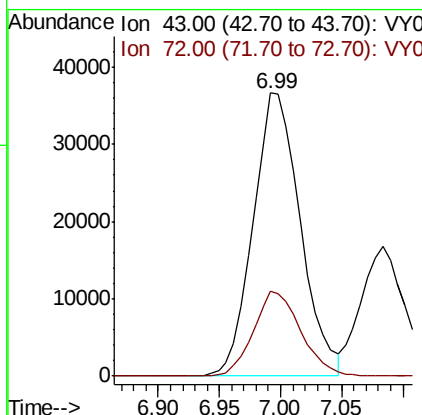
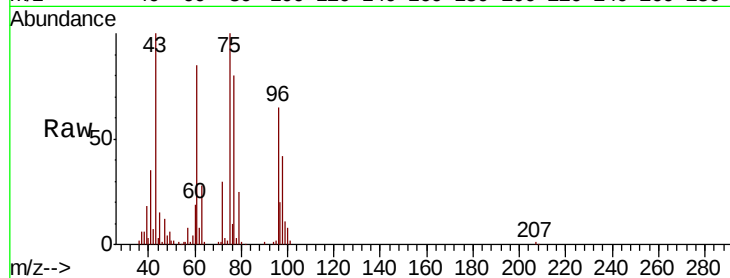




#25
2-Butanone
Concen: 105.448 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

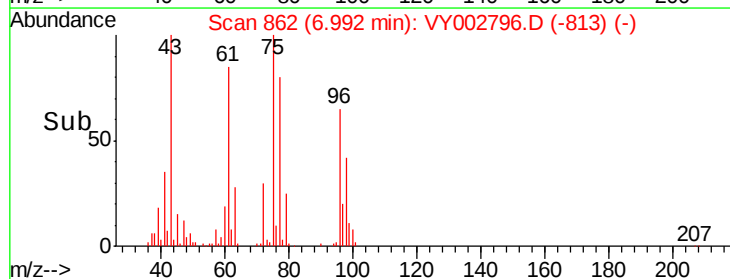
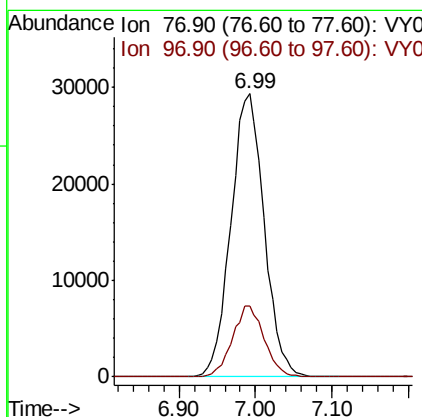
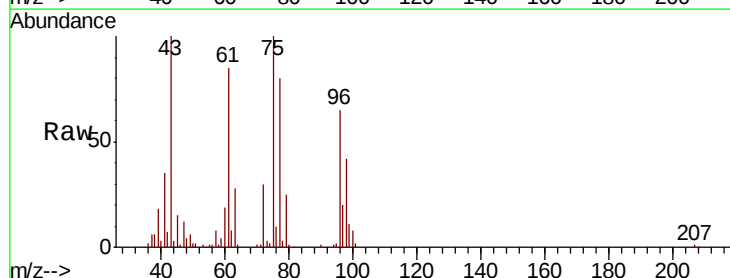
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 98537
Ion Ratio Lower Upper
43 100
72 30.0 23.9 35.9



#26
2,2-Dichloropropane
Concen: 21.045 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 77 Resp: 88189
Ion Ratio Lower Upper
77 100
97 23.9 12.2 36.6



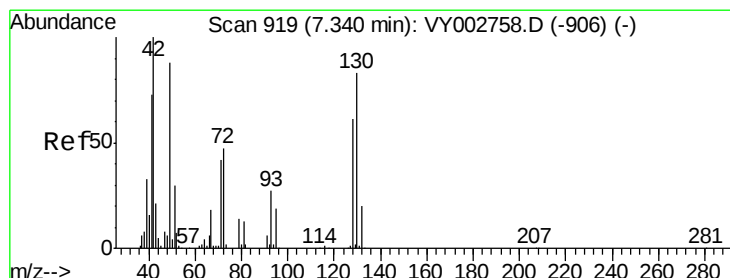
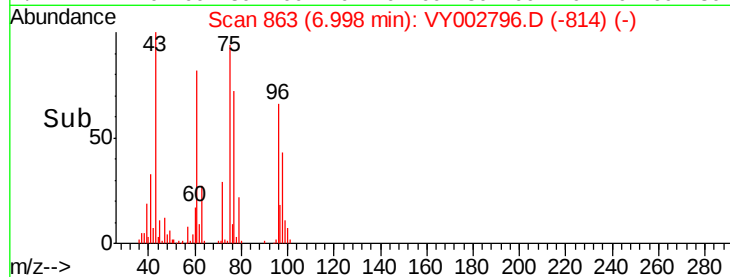
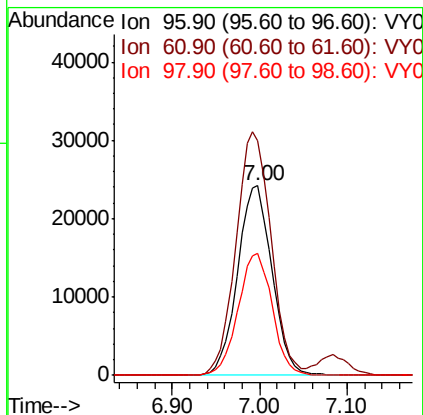
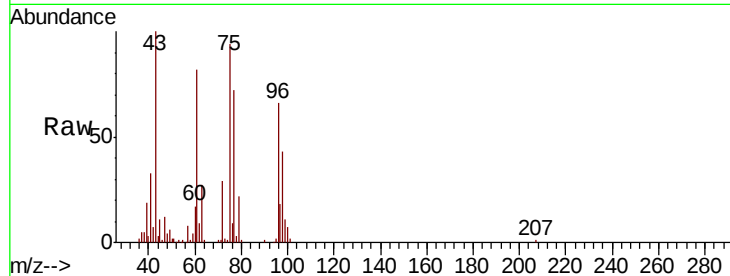


#27

cis-1,2-Dichloroethene
 Concen: 21.068 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampled :

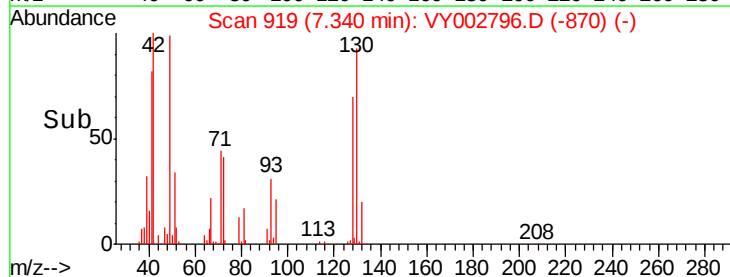
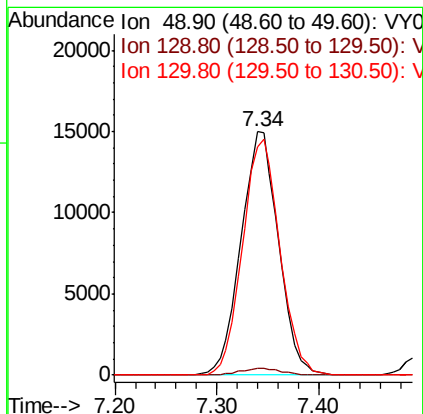
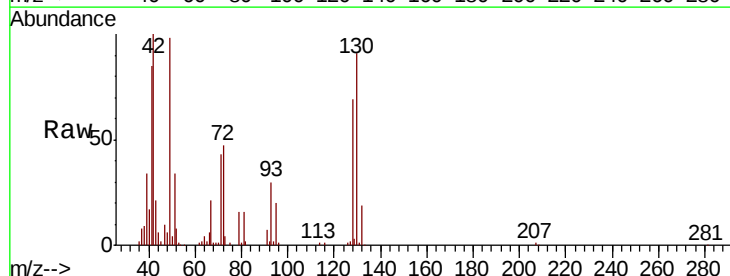
Tot Ion: 96 Resp: 66470
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 260.2
 98 63.4 0.0 128.2

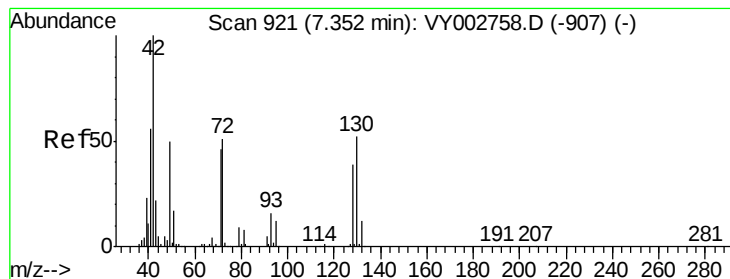


#28

Bromochloromethane
 Concen: 21.343 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion: 49 Resp: 38282
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 96.4 77.1 115.7





#29

Tetrahydrofuran

Concen: 104.628 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

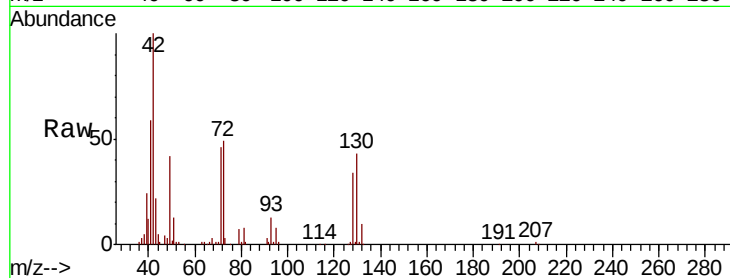
Tot Ion: 42 Resp: 63596

Ion Ratio Lower Upper

42 100

72 49.0 38.6 58.0

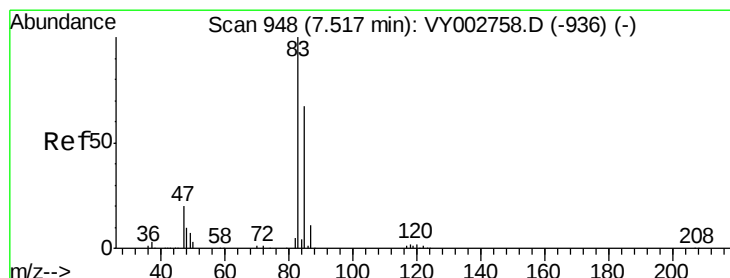
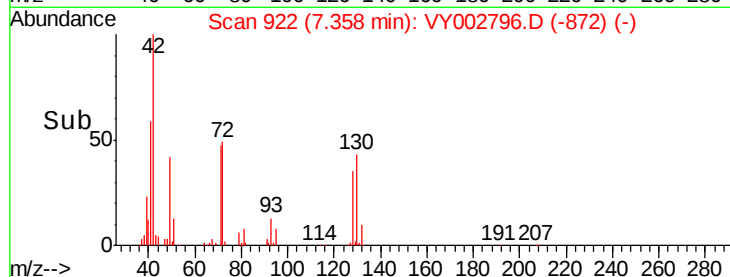
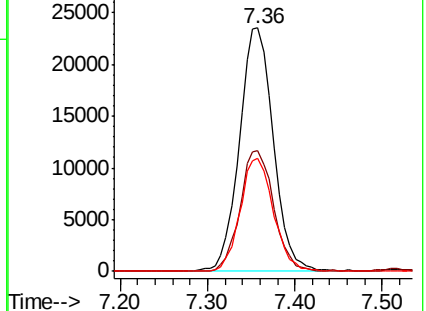
71 45.4 35.8 53.8



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: 21.289 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002796.D

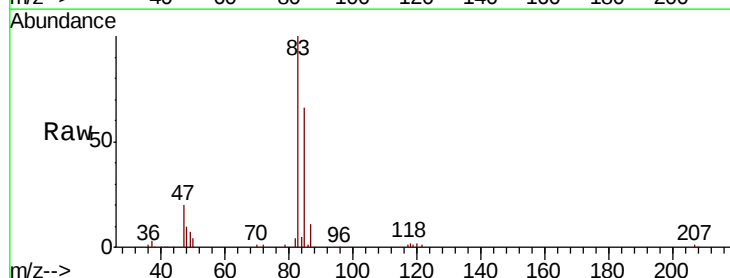
Acq: 29 May 2020 11:49

Tgt Ion: 83 Resp: 98705

Ion Ratio Lower Upper

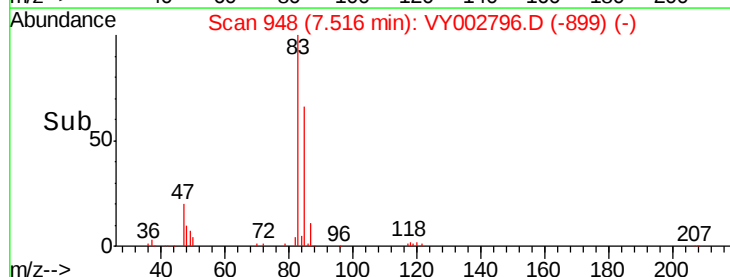
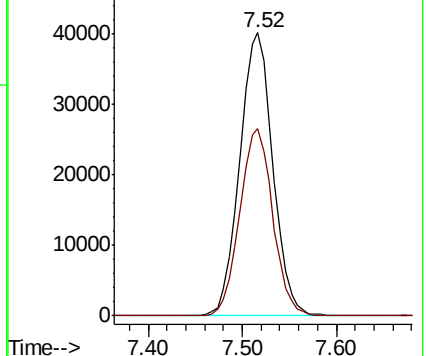
83 100

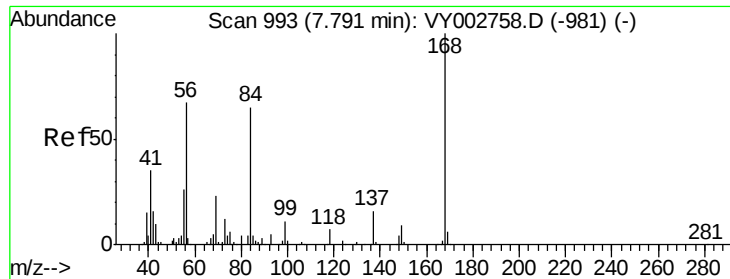
85 66.3 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

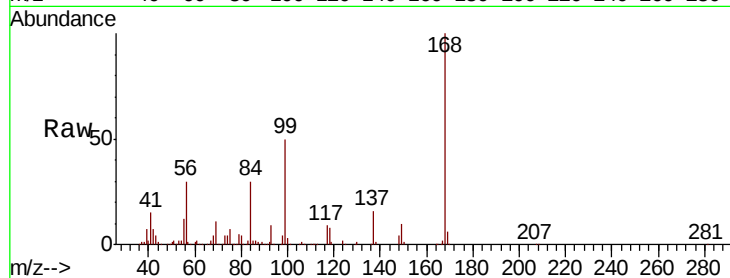




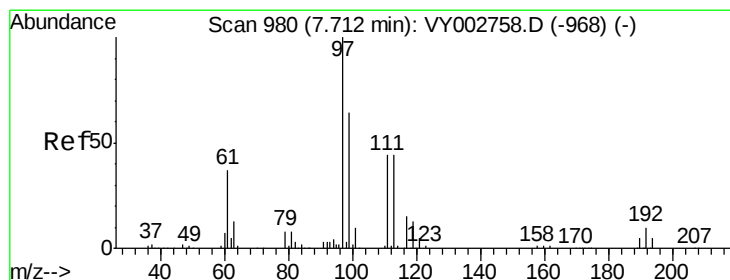
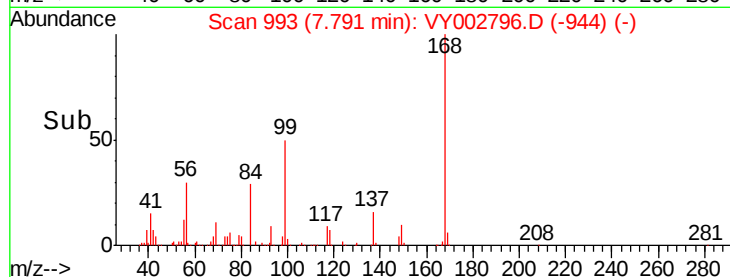
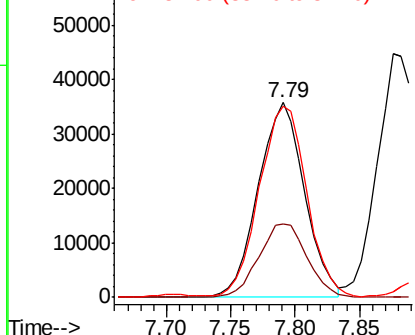
#31
Cyclohexane
Concen: 20.545 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 89125
Ion Ratio Lower Upper
56 100
69 38.0 28.0 42.0
84 97.4 77.7 116.5

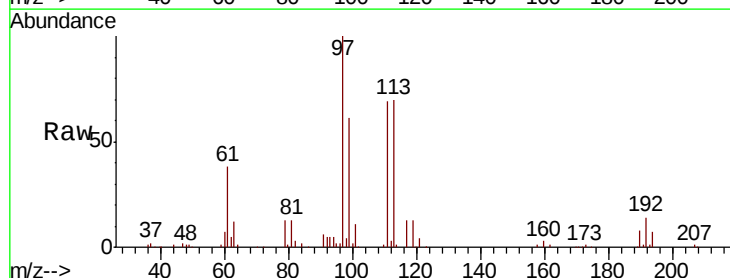


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

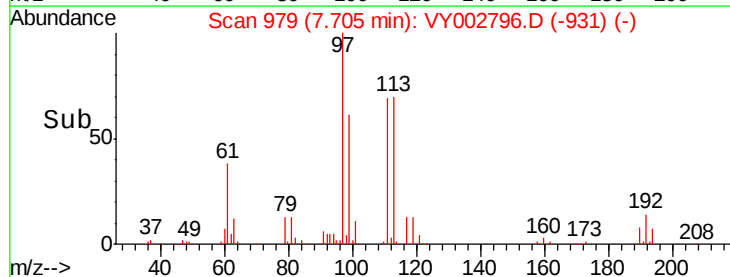
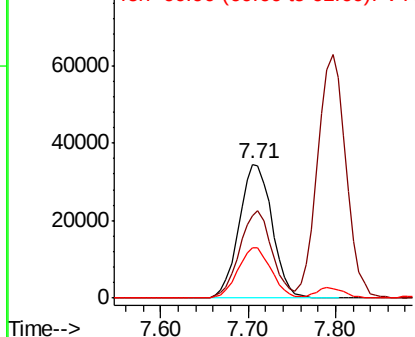


#32
1,1,1-Trichloroethane
Concen: 20.905 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 97 Resp: 90320
Ion Ratio Lower Upper
97 100
99 64.3 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

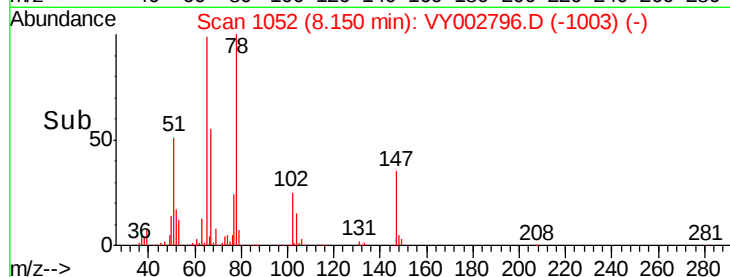
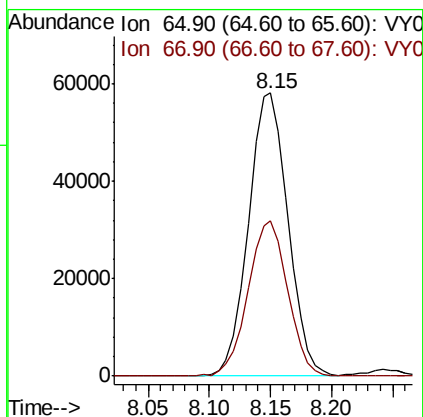
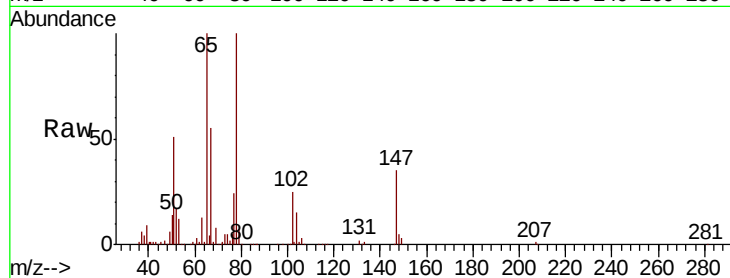




#33
 1,2-Dichloroethane-d4
 Concen: 50.991 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

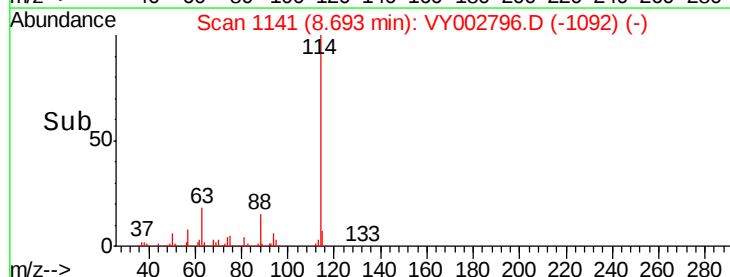
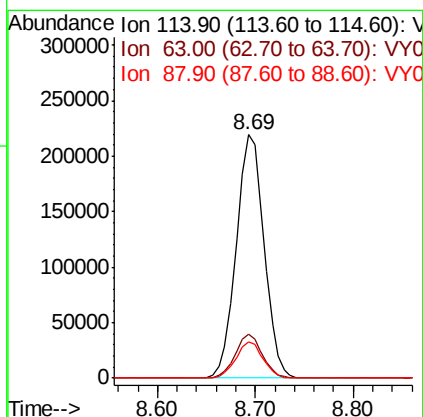
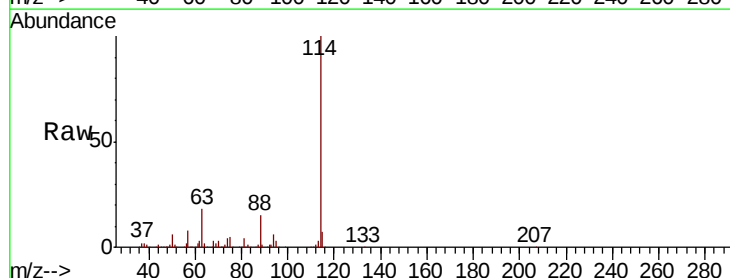
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 65 Resp: 130428
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion: 114 Resp: 433424
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.2
 88 14.7 0.0 29.2

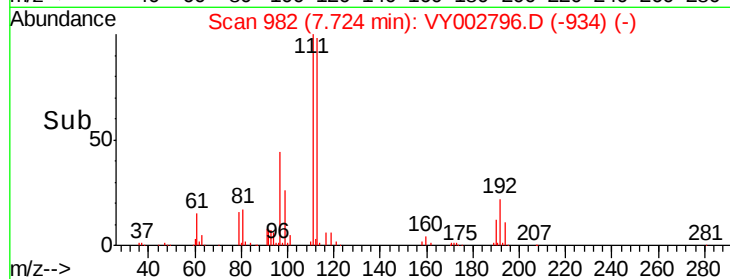
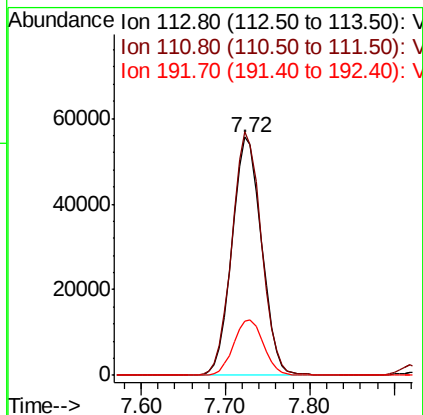
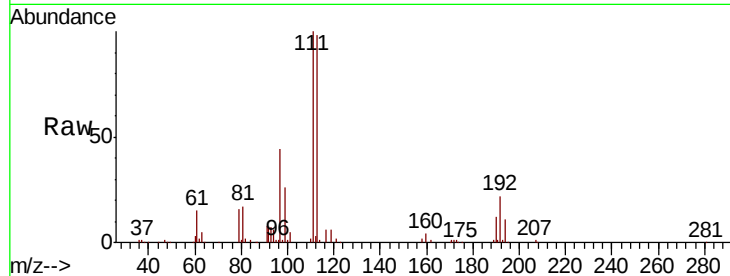




#35
 Dibromofluoromethane
 Concen: 52.006 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

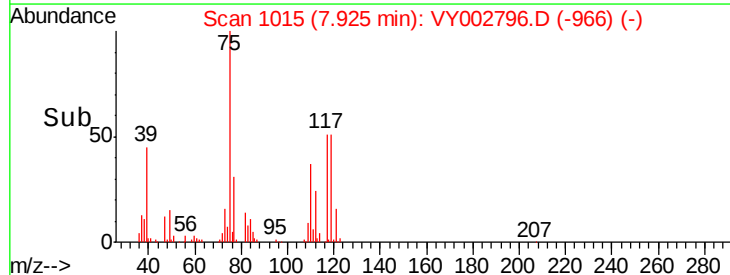
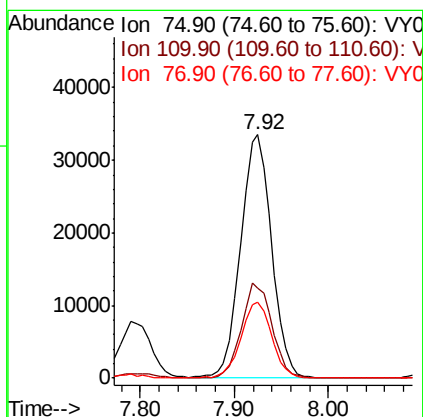
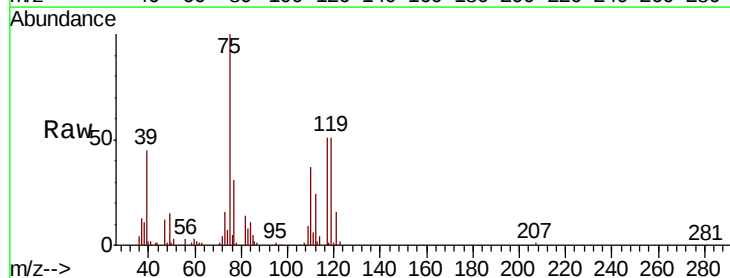
Instrument :
 MSVOA_Y
 ClientSampleId :

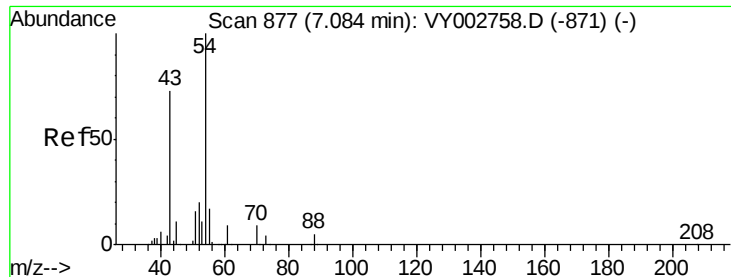
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	23.5	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 21.165 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.3	57.9
77	31.1	24.8	37.2

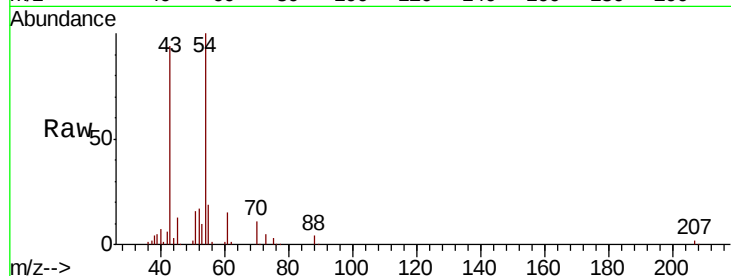




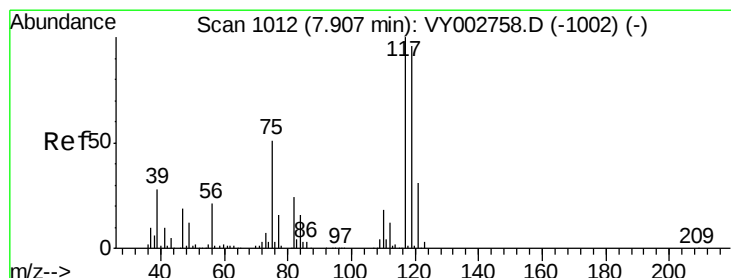
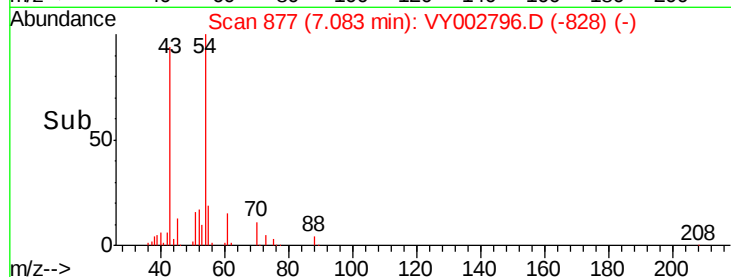
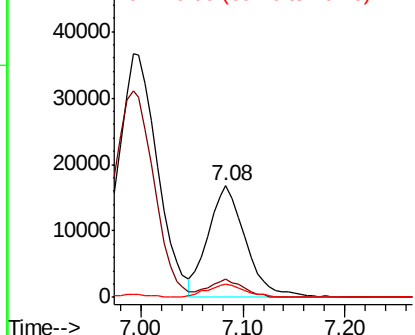
#37
Ethyl Acetate
Concen: 21.596 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 42900
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.9 9.1 13.7

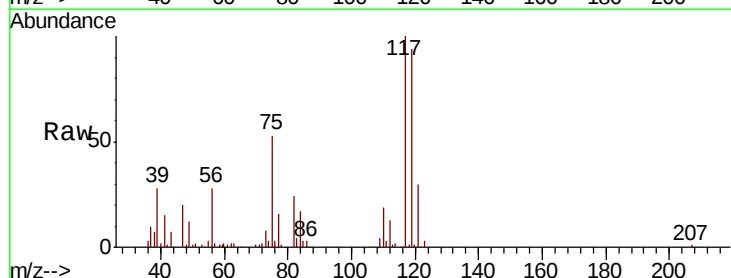


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

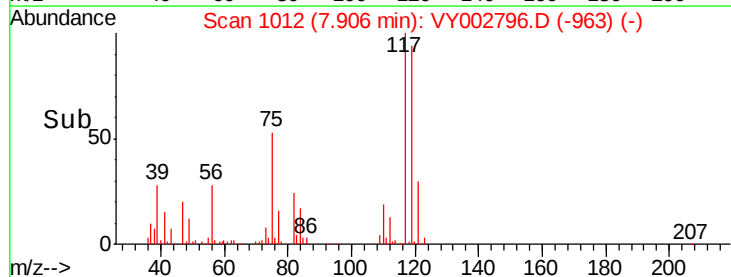
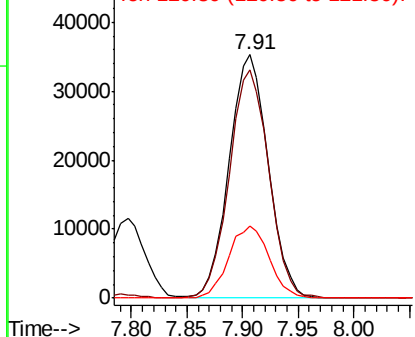


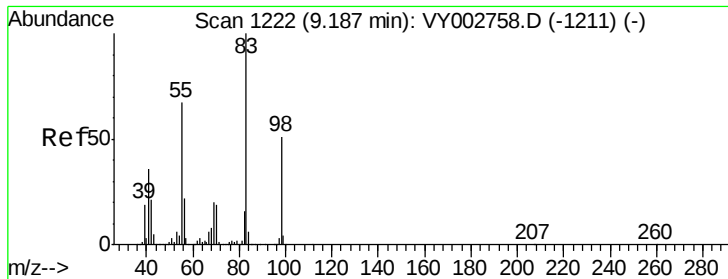
#38
Carbon Tetrachloride
Concen: 21.191 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 117 Resp: 85948
Ion Ratio Lower Upper
117 100
119 94.0 76.8 115.2
121 29.6 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

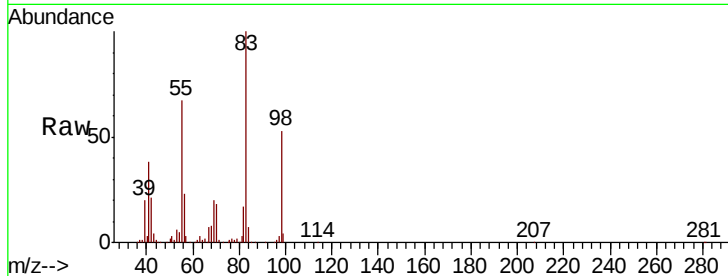




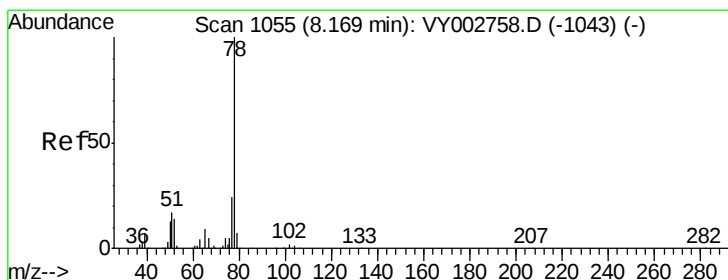
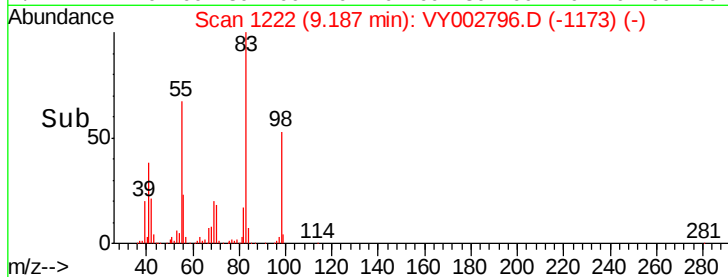
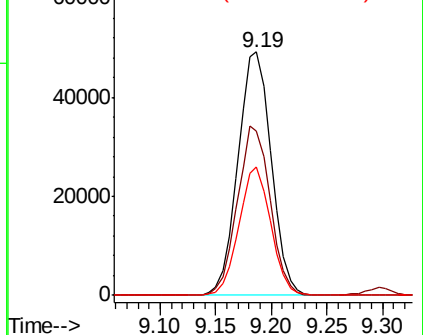
#39
Methvlcvclohexane
Concen: 21.241 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 102221
Ion Ratio Lower Upper
83 100
55 67.4 53.3 79.9
98 52.6 41.1 61.7

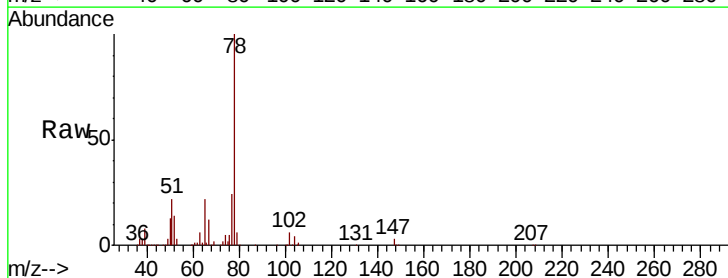


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

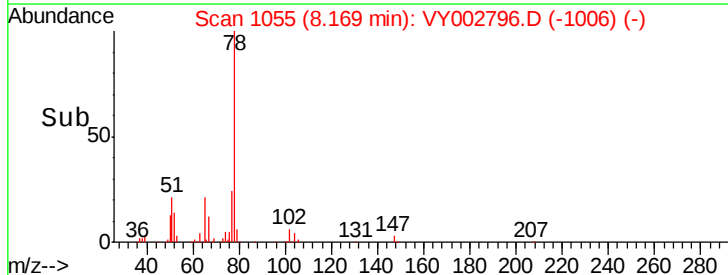
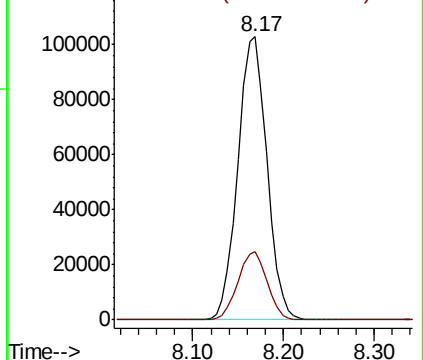


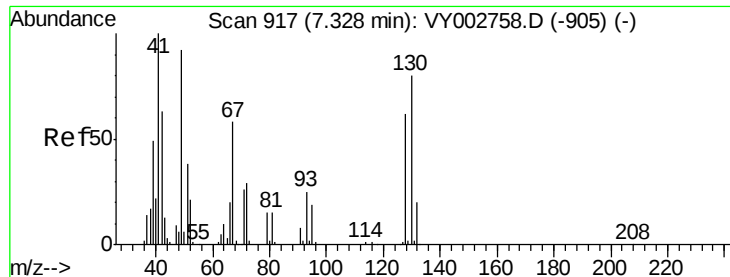
#40
Benzene
Concen: 21.209 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 78 Resp: 228800
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



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

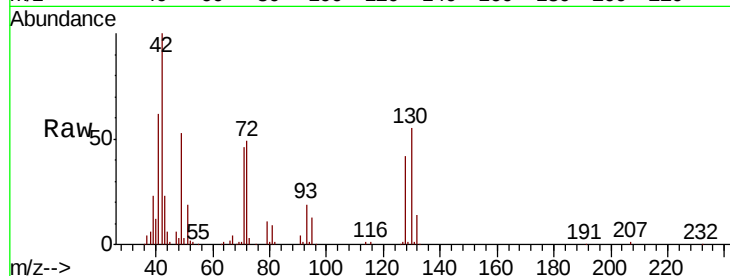




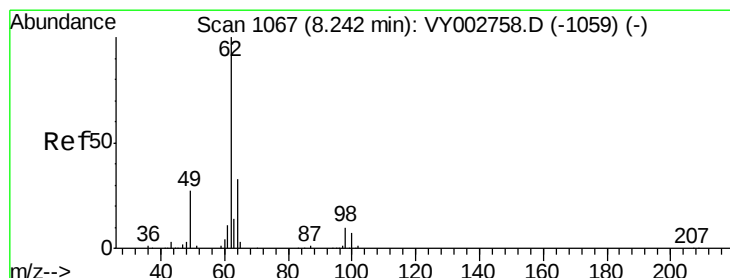
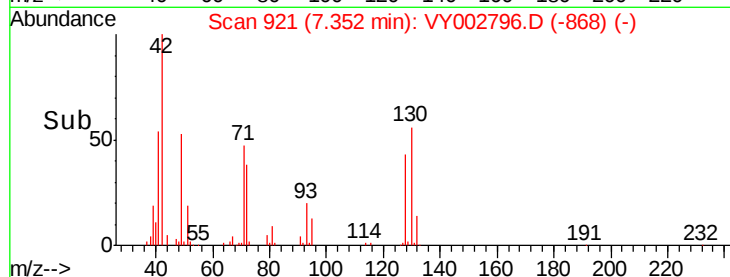
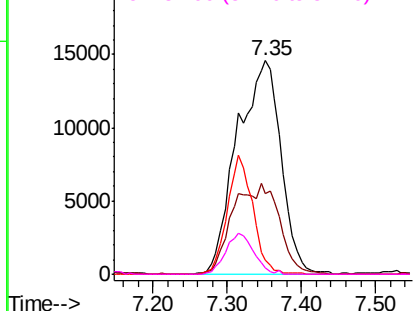
#41
Methacrylonitrile
Concen: 56.251 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	41	Resp:	60029
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

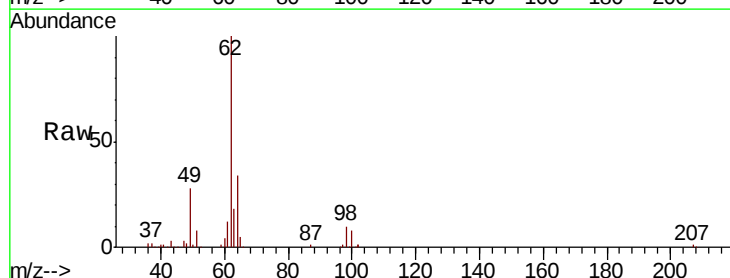


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

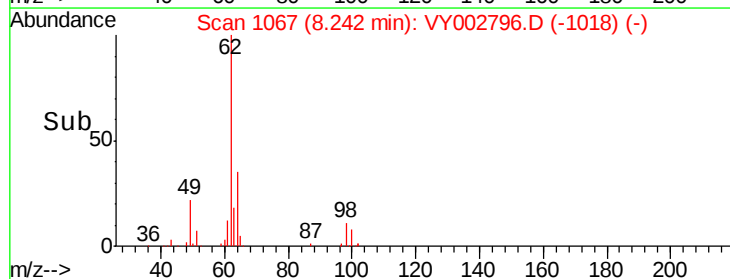
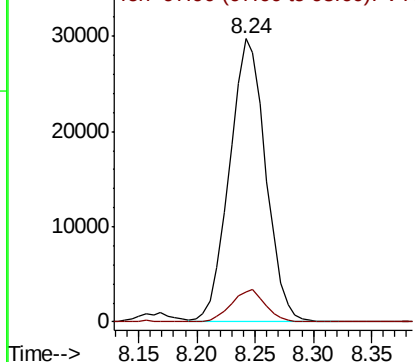


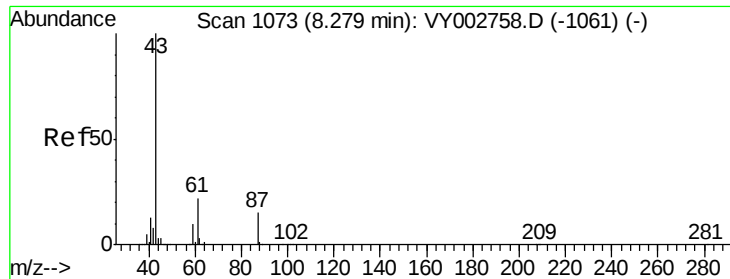
#42
1,2-Dichloroethane
Concen: 21.332 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion:	62	Resp:	64496
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.6



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



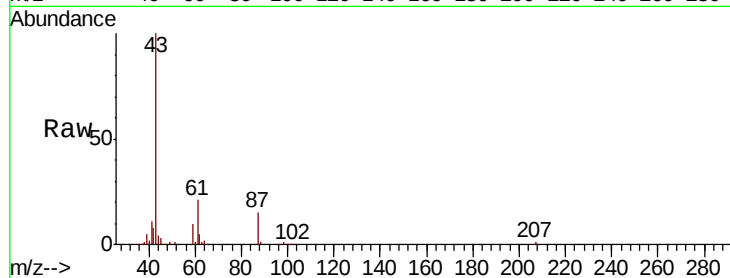


#43

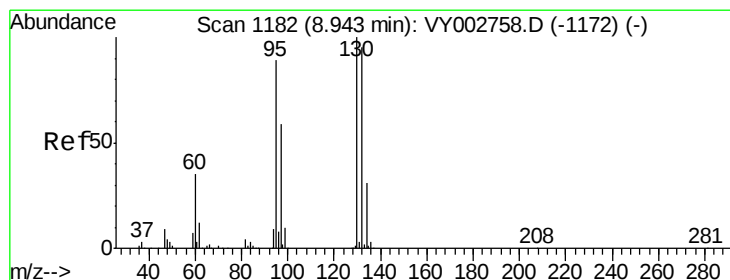
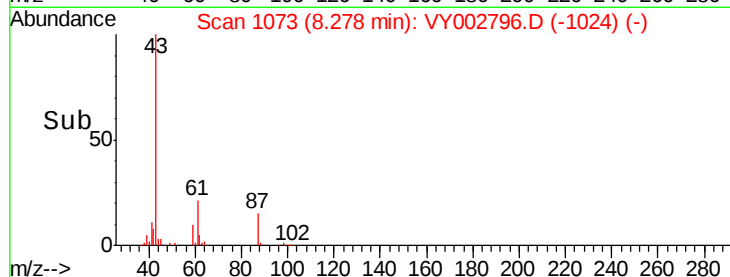
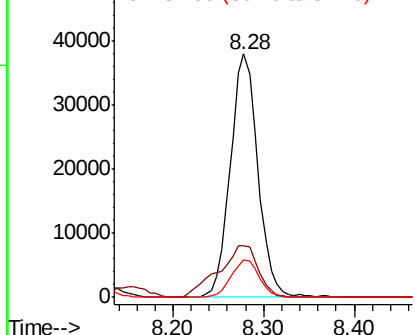
Isopropyl Acetate
 Concen: 21.318 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	43	Resp	80250
Ion Ratio	Lower	Upper	
43	100		
61	30.8	24.8	37.2
87	15.7	12.4	18.6



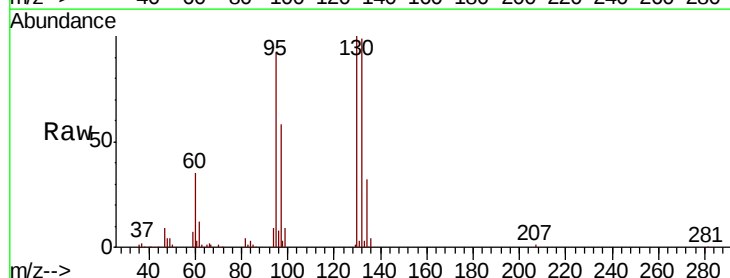
Abundance Ion 43.00 (42.70 to 43.70): VY0
 Ion 61.00 (60.70 to 61.70): VY0
 Ion 87.00 (86.70 to 87.70): VY0



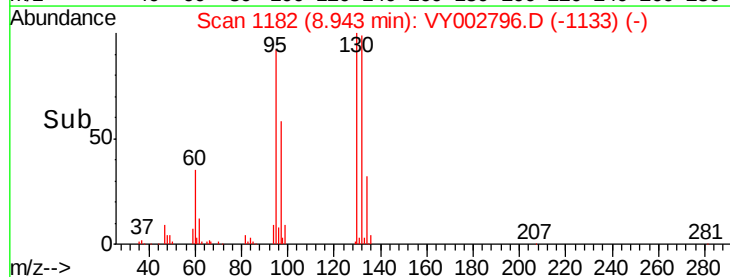
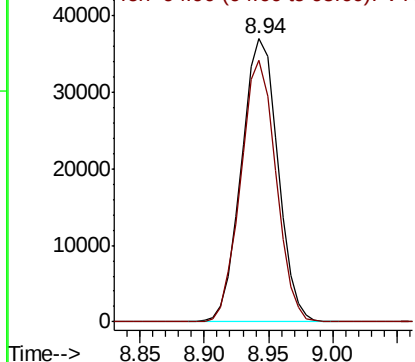
#44

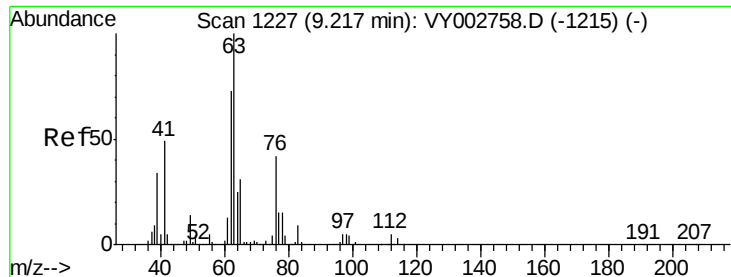
Trichloroethene
 Concen: 21.274 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion	130	Resp	72494
Ion Ratio	Lower	Upper	
130	100		
95	92.3	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: 21.119 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

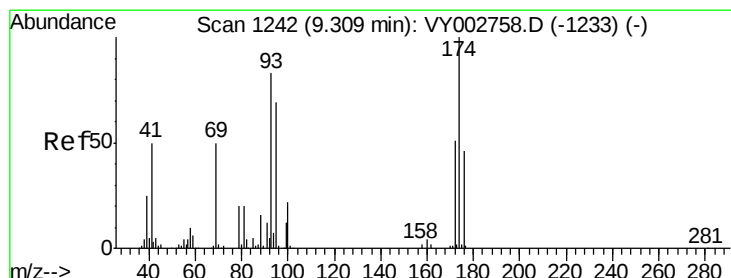
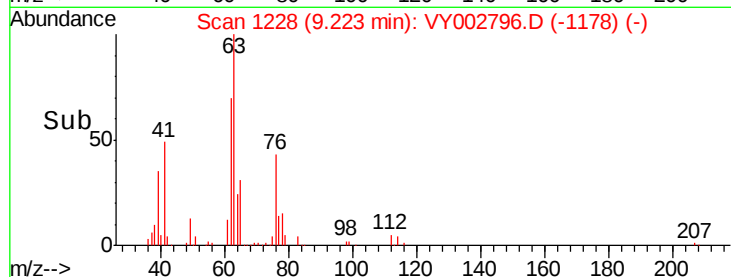
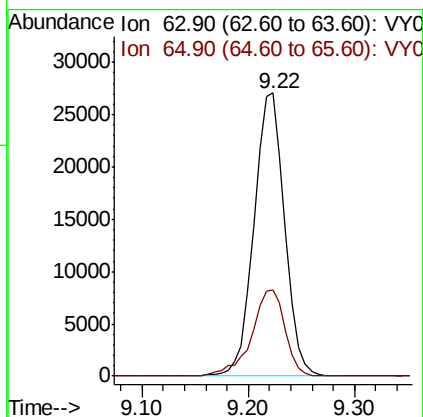
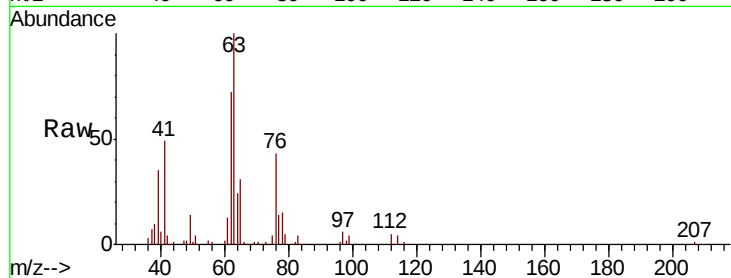
ClientSampleId :

Tot Ion: 63 Resp: 54638

Ion Ratio Lower Upper

63 100

65 30.6 24.8 37.2



#46

Dibromomethane

Concen: 21.580 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

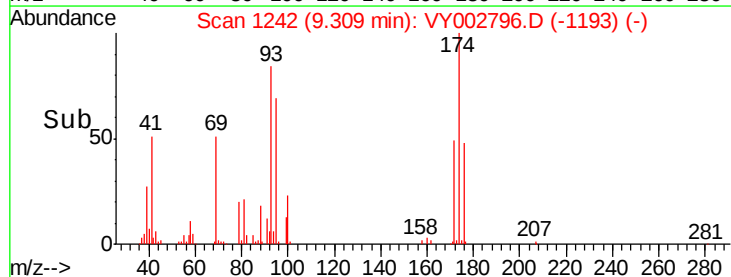
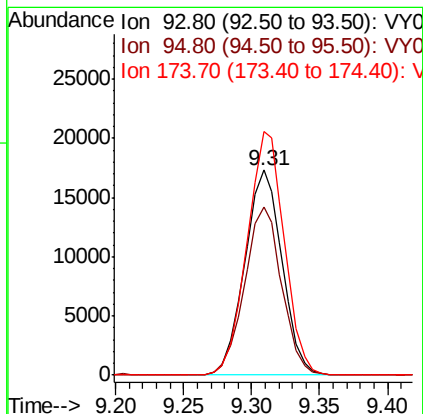
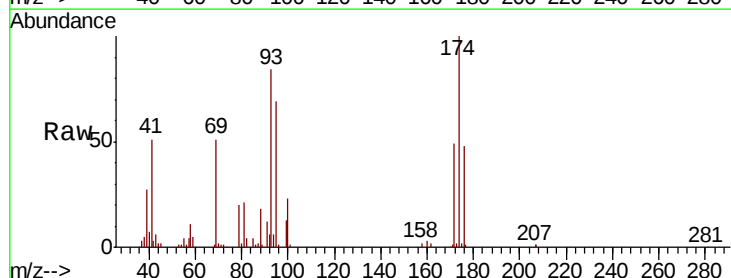
Tgt Ion: 93 Resp: 33156

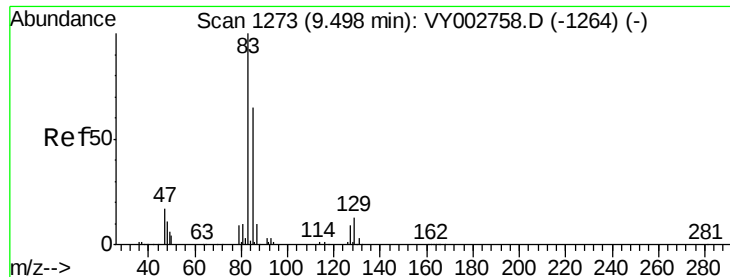
Ion Ratio Lower Upper

93 100

95 81.9 66.9 100.3

174 118.6 97.7 146.5





#47

Bromodichloromethane

Concen: 21.024 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

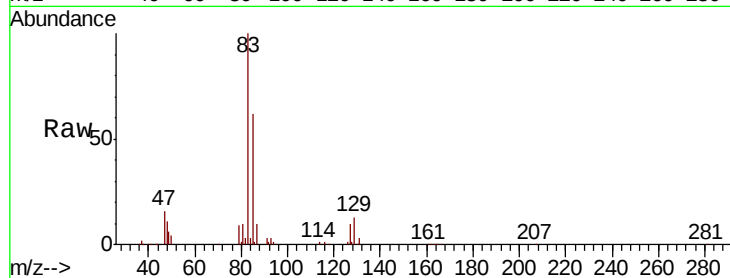
Tot Ion: 83 Resp: 76153

Ion Ratio Lower Upper

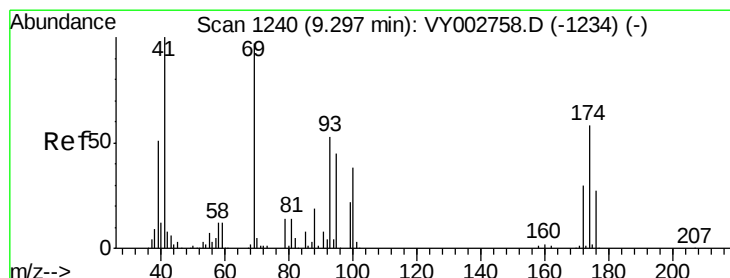
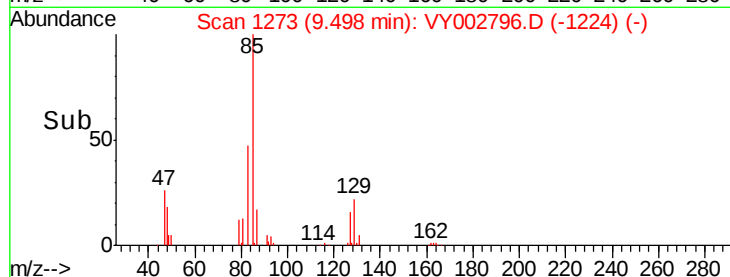
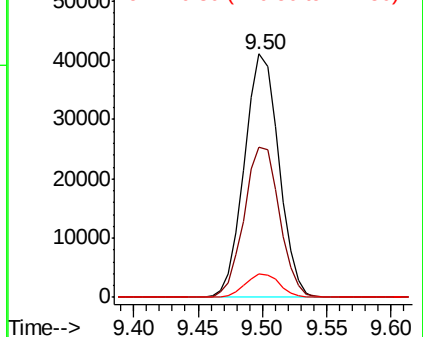
83 100

85 61.7 51.9 77.9

127 9.7 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): VY0



#48

Methyl methacrylate

Concen: 21.158 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

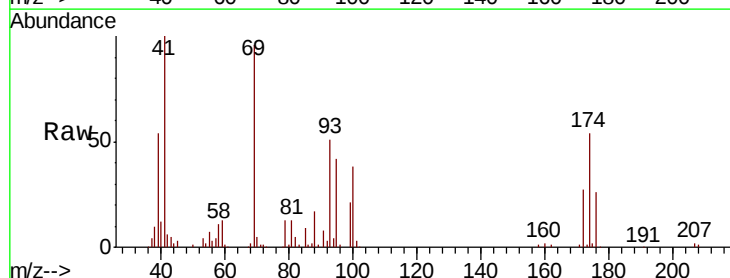
Tgt Ion: 41 Resp: 35955

Ion Ratio Lower Upper

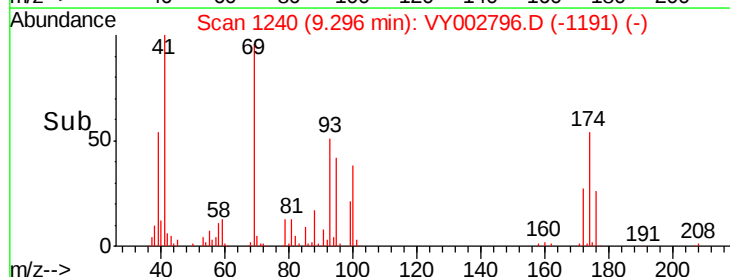
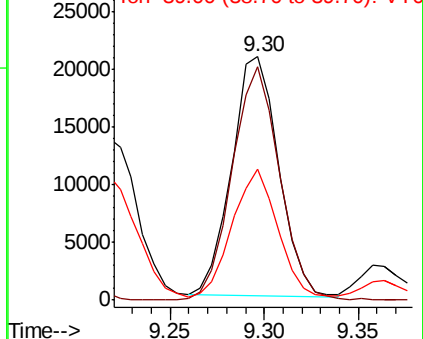
41 100

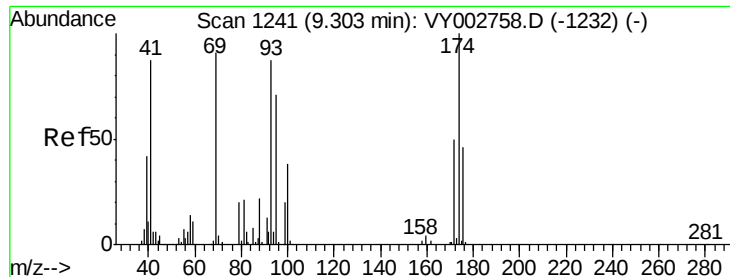
69 98.2 79.7 119.5

39 54.0 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

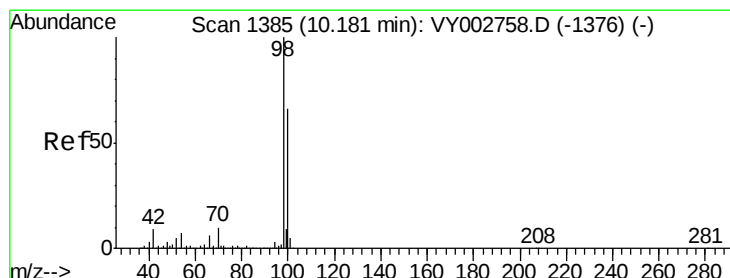
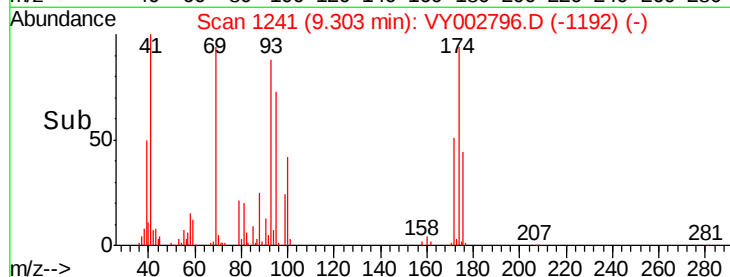
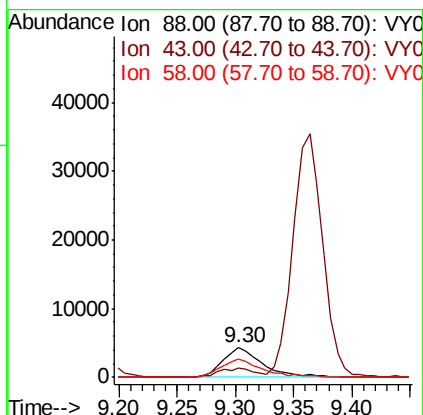
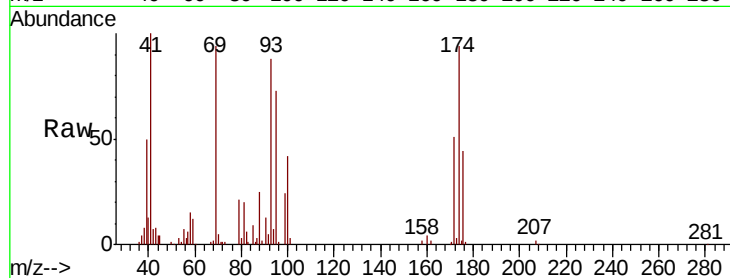




#49
1,4-Dioxane
Concen: 427.990 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

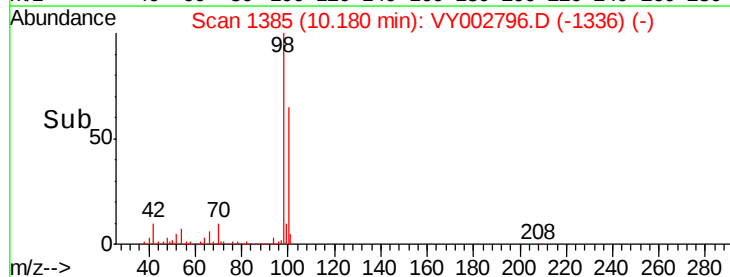
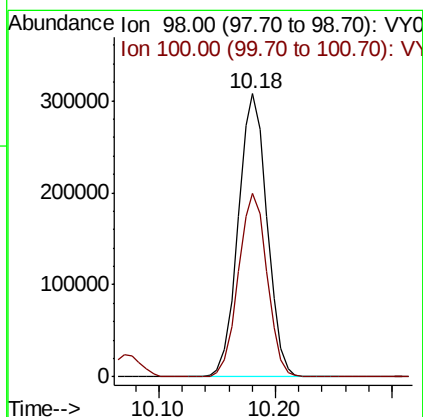
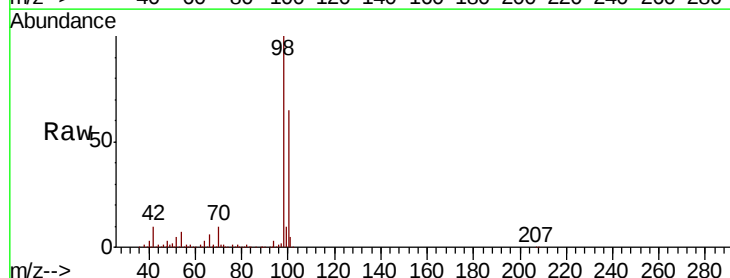
Instrument :
MSVOA_Y
ClientSampleId :

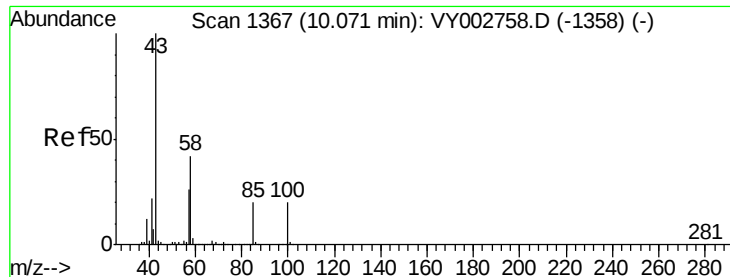
Tot Ion: 88 Resp: 10097
Ion Ratio Lower Upper
88 100
43 28.4 21.3 31.9
58 64.5 52.2 78.2



#50
Toluene-d8
Concen: 51.566 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 98 Resp: 529594
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 107.290 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

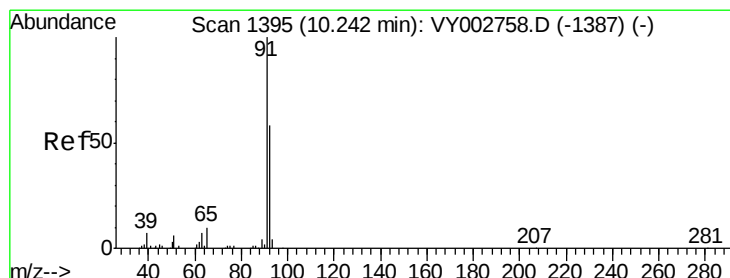
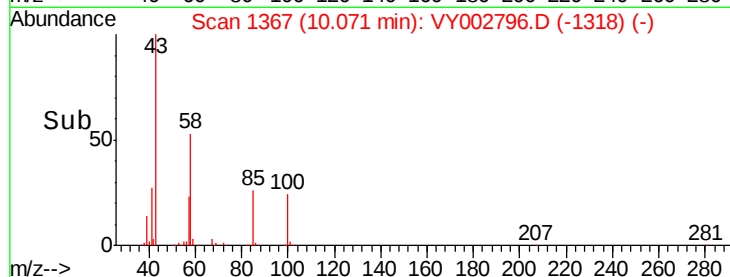
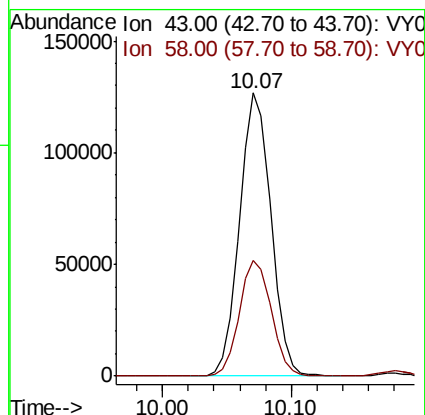
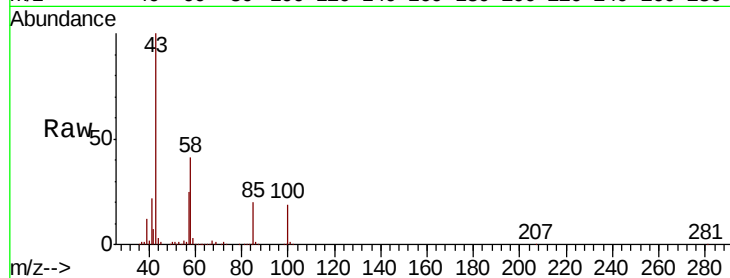
ClientSampleId :

Tot Ion: 43 Resp: 213863

Ion Ratio Lower Upper

43 100

58 41.3 34.2 51.2



#52

Toluene

Concen: 21.216 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002796.D

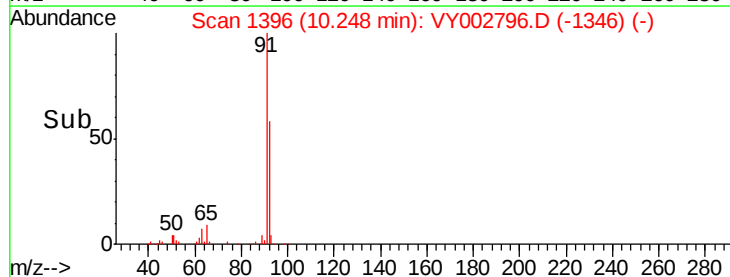
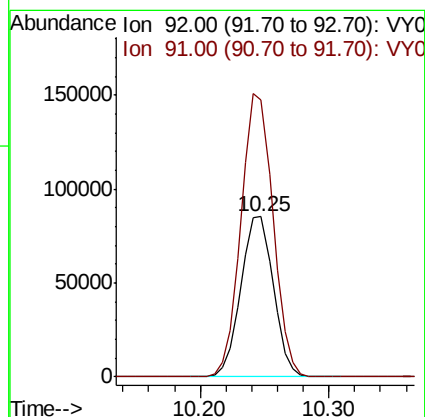
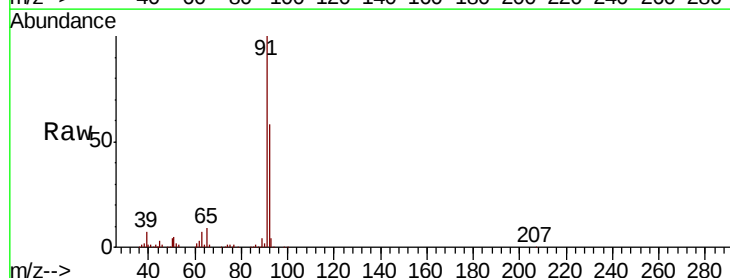
Acq: 29 May 2020 11:49

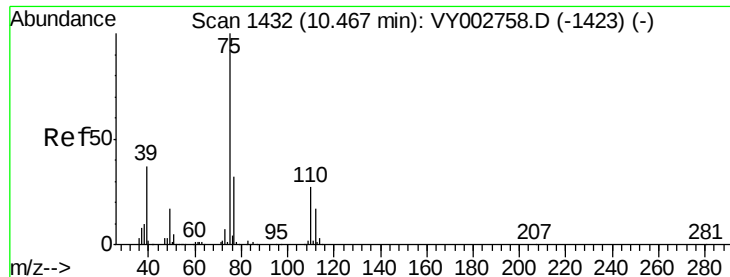
Tgt Ion: 92 Resp: 149727

Ion Ratio Lower Upper

92 100

91 173.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 21.238 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

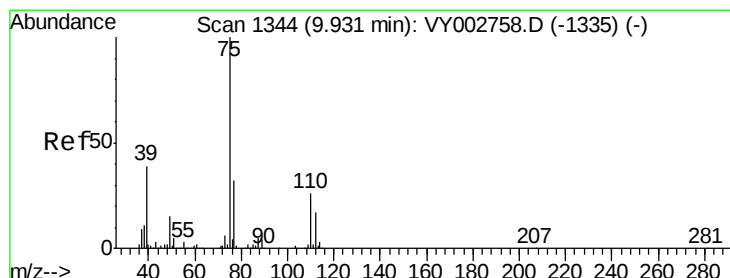
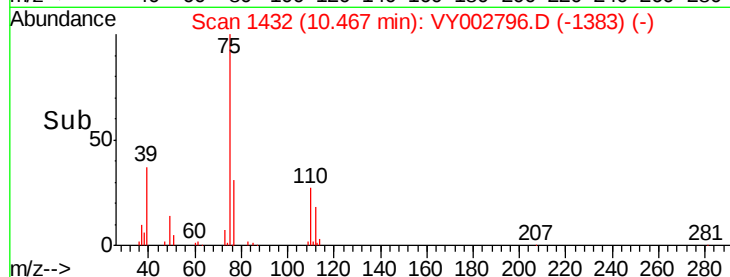
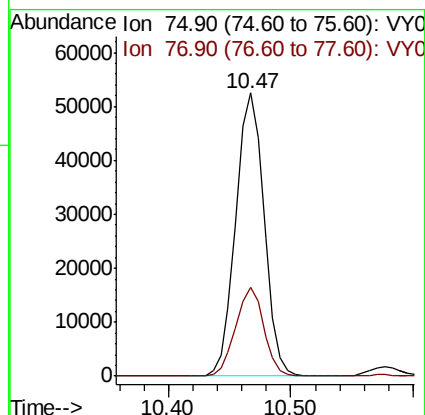
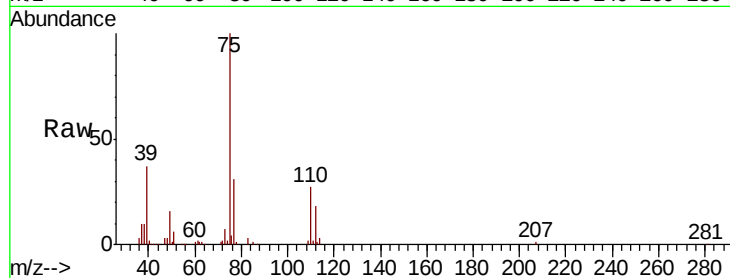
ClientSampled :

Tot Ion: 75 Resp: 84024

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 21.431 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

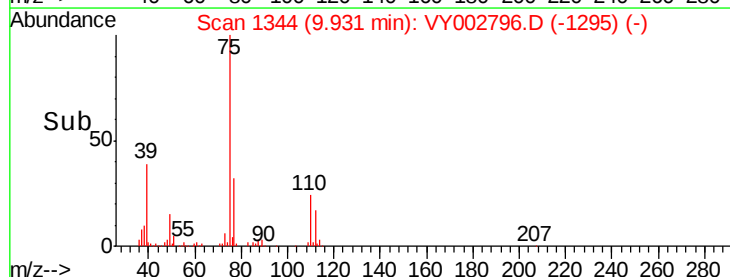
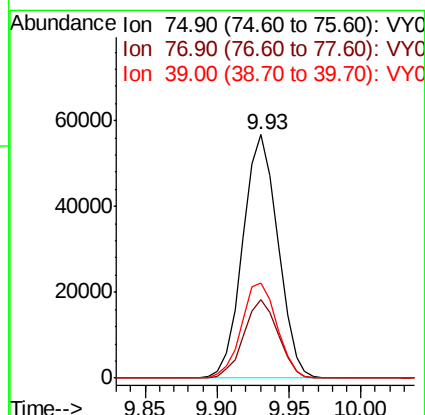
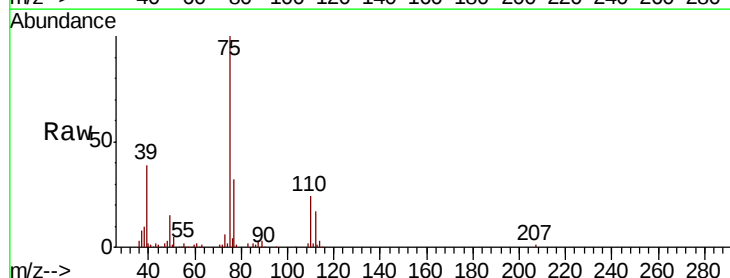
Tgt Ion: 75 Resp: 96075

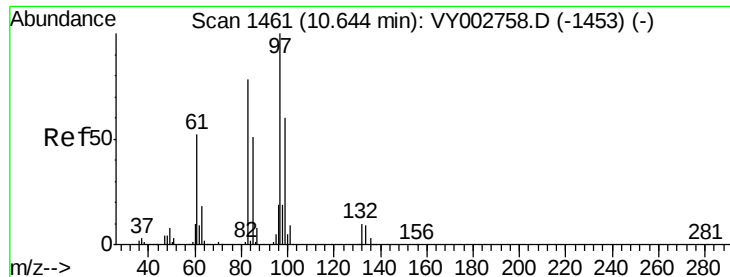
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 38.9 31.3 46.9

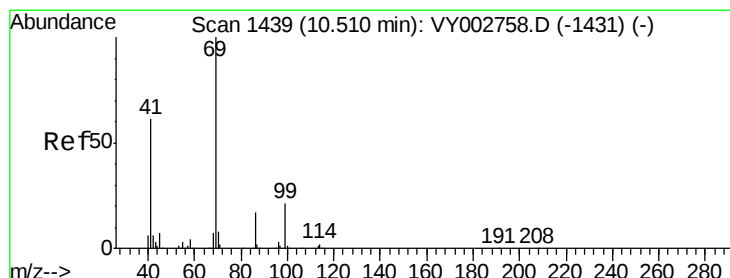
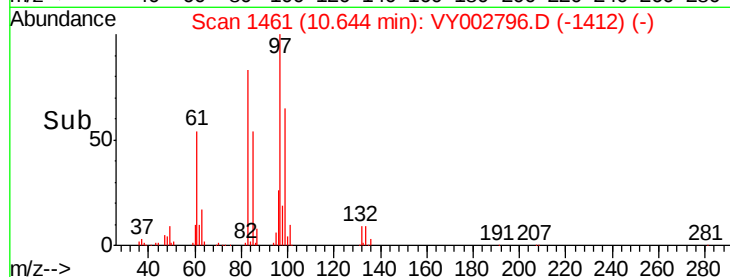
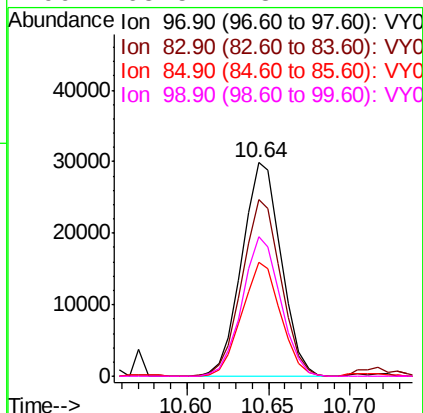
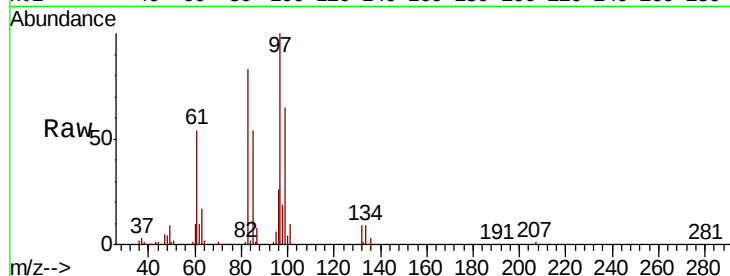




#55
 1,1,2-Trichloroethane
 Concen: 21.337 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

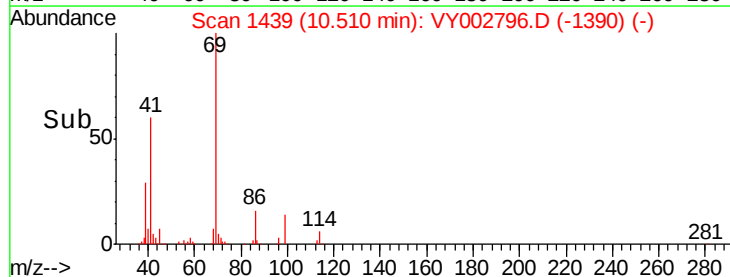
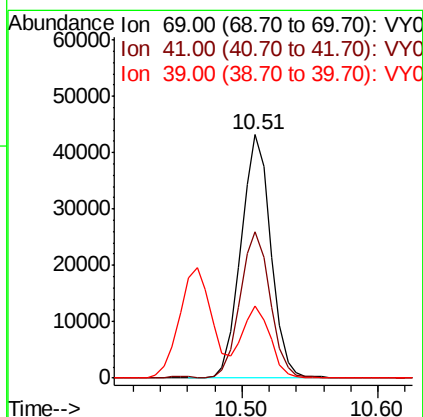
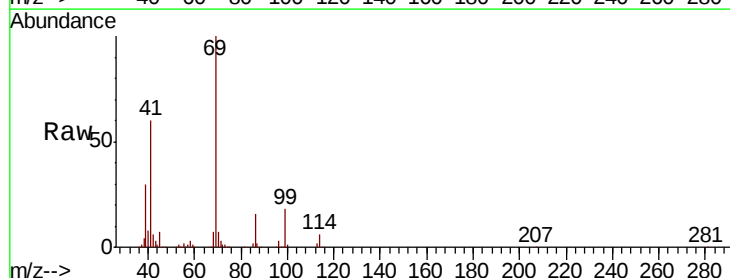
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	50189
Ion	Ratio	Lower	Upper
97	100		
83	82.6	62.7	94.1
85	53.6	40.6	60.8
99	65.5	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 21.003 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion:	69	Resp:	66172
Ion	Ratio	Lower	Upper
69	100		
41	60.2	47.0	70.4
39	27.4	22.0	33.0





#57

1,3-Dichloropropane

Concen: 21.043 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

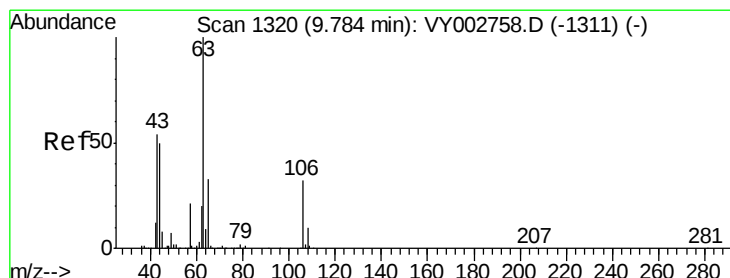
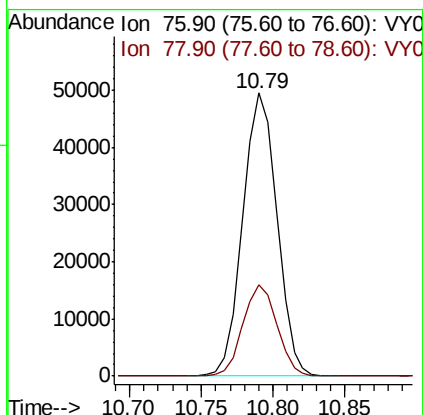
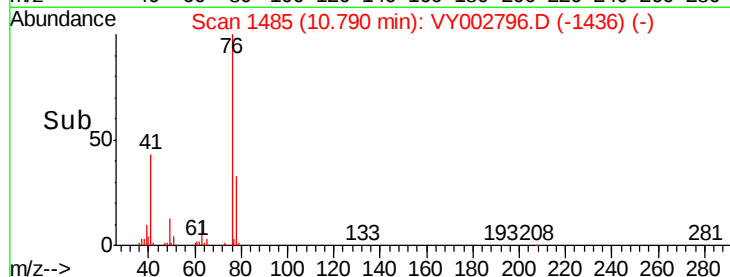
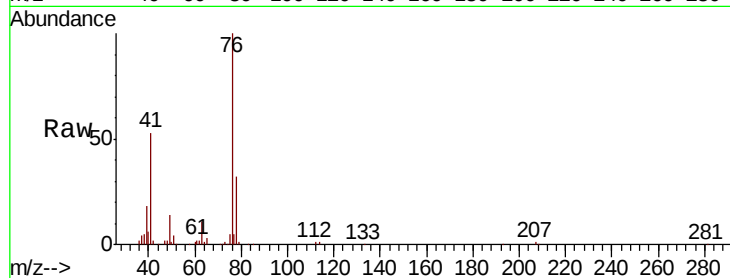
ClientSampled :

Tot Ion: 76 Resp: 81414

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.489 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002796.D

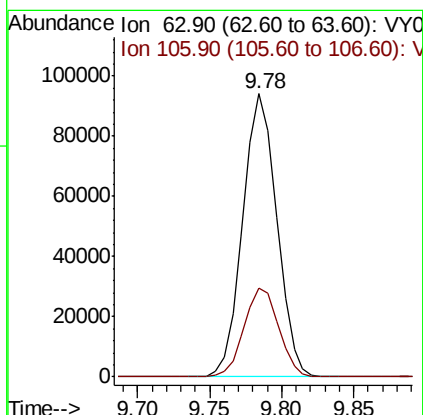
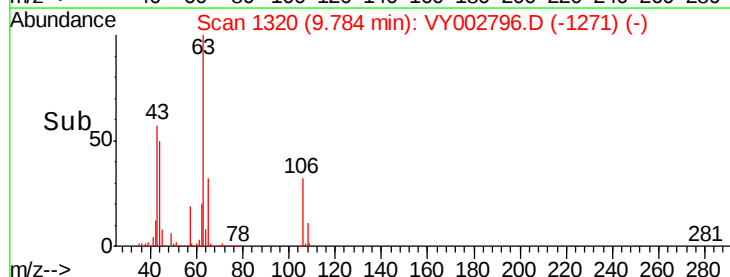
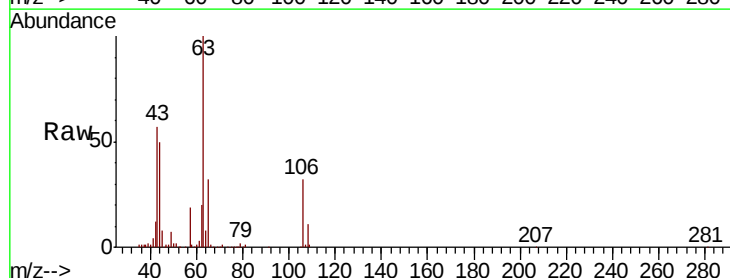
Acq: 29 May 2020 11:49

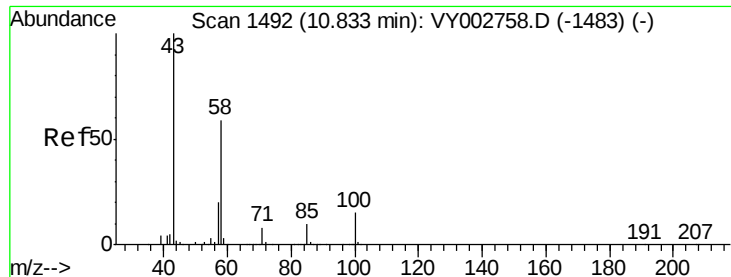
Tgt Ion: 63 Resp: 154702

Ion Ratio Lower Upper

63 100

106 31.8 25.4 38.2

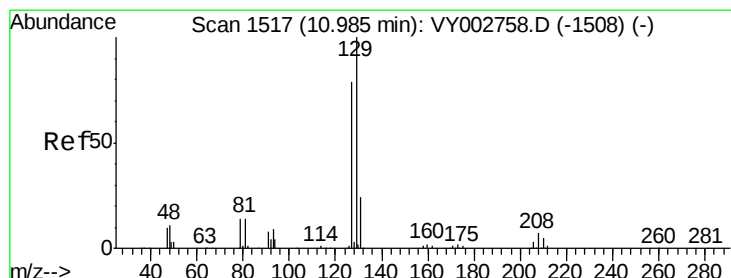
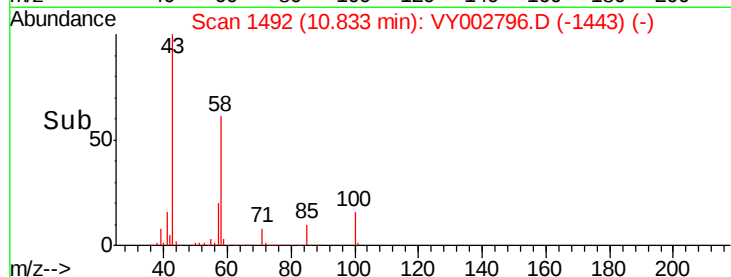
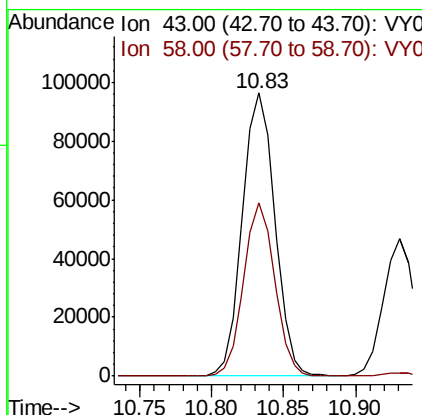
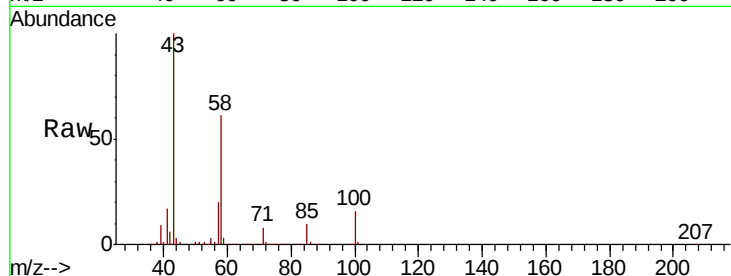




#59
2-Hexanone
Concen: 106.829 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

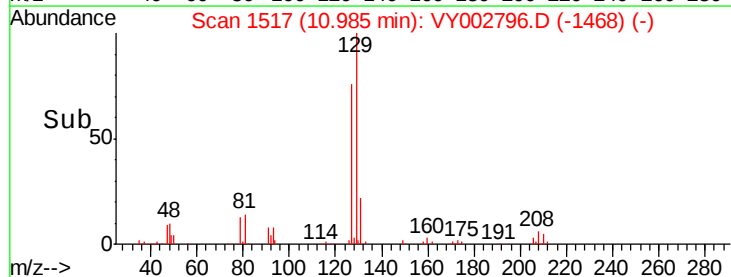
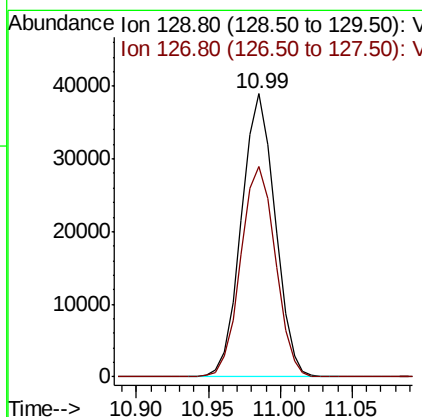
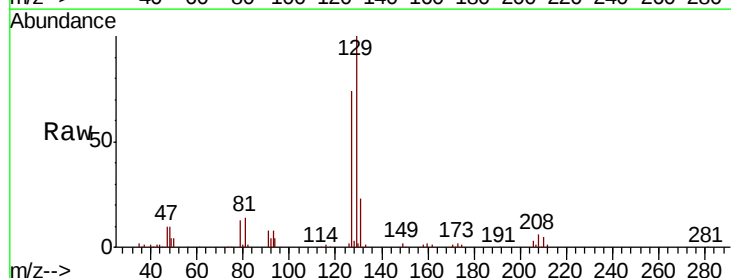
Instrument :
MSVOA_Y
ClientSampled :

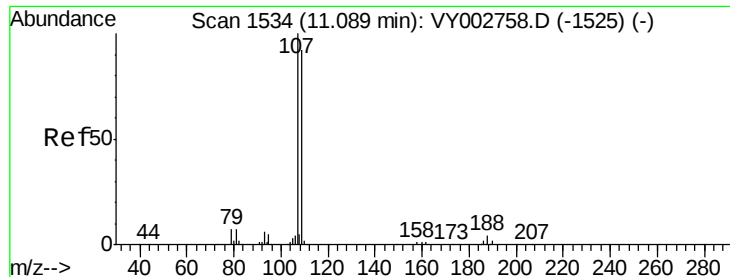
Tot Ion: 43 Resp: 151088
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 21.223 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion: 129 Resp: 63293
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3

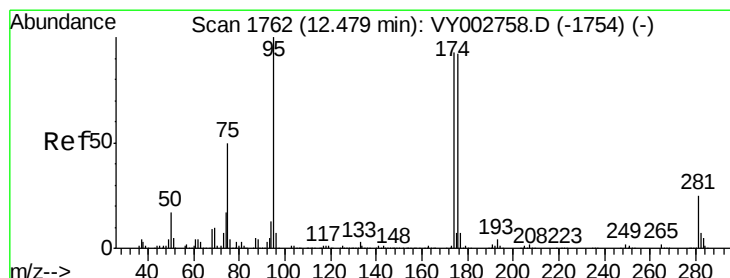
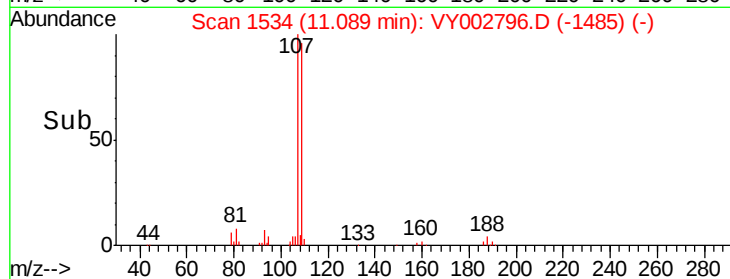
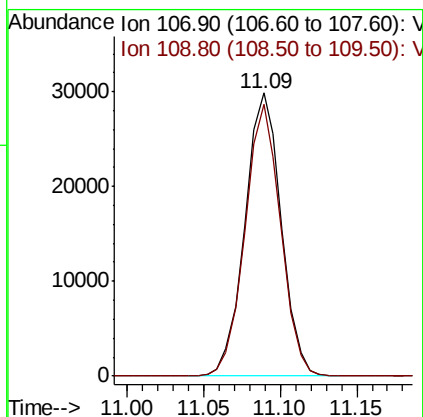
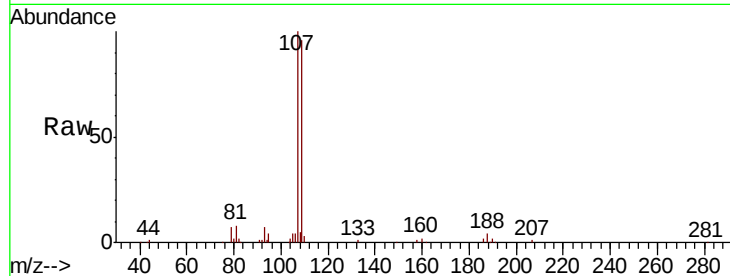




#61
 1,2-Dibromoethane
 Concen: 21.150 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

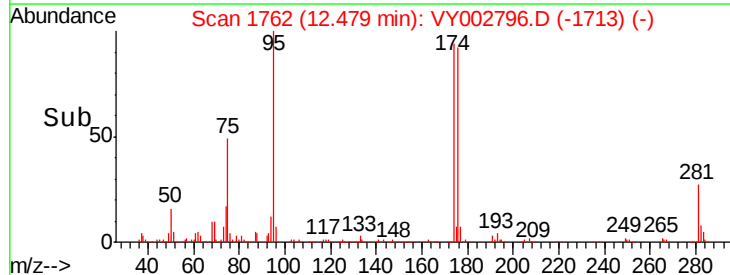
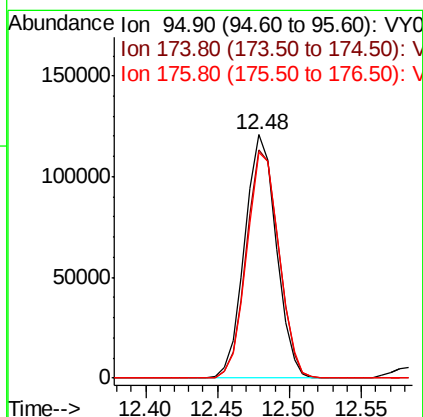
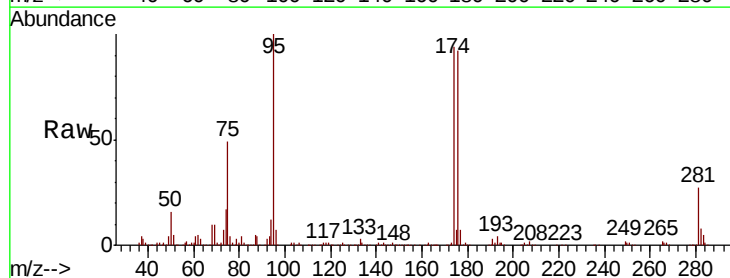
Instrument :
 MSVOA_Y
 ClientSampleId :

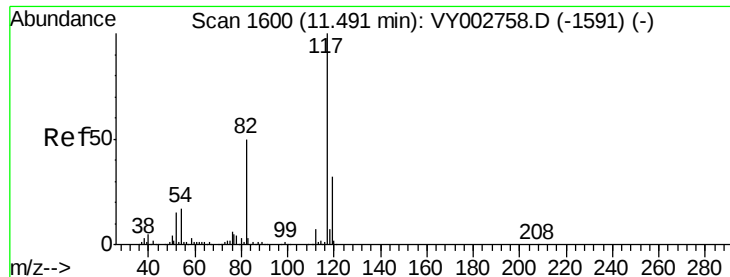
Tot Ion:107 Resp: 49076
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 52.194 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion: 95 Resp: 183195
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 191.2
 176 94.4 0.0 188.8

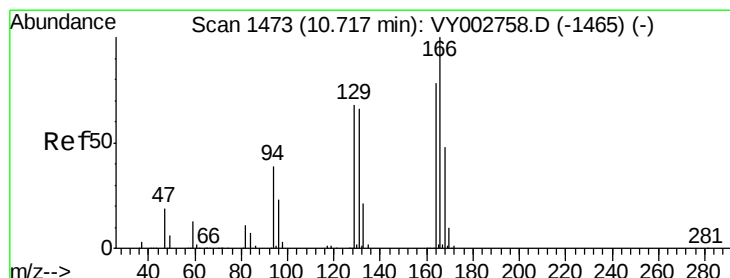
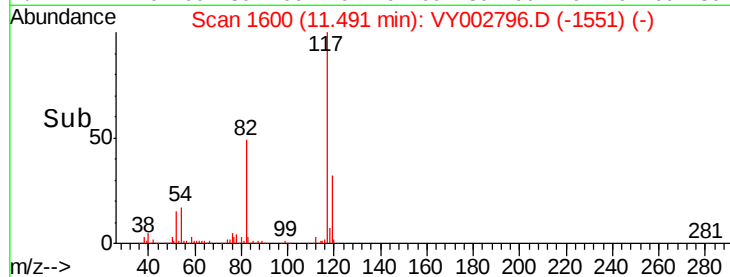
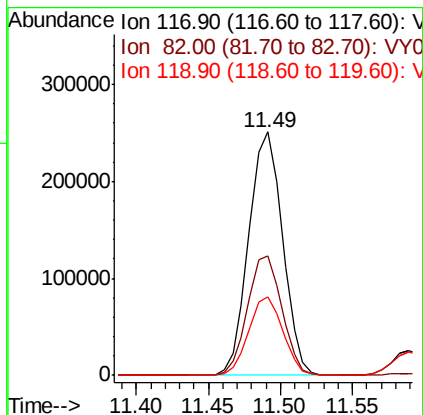
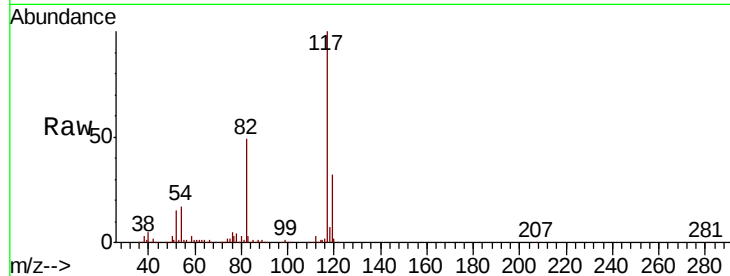




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

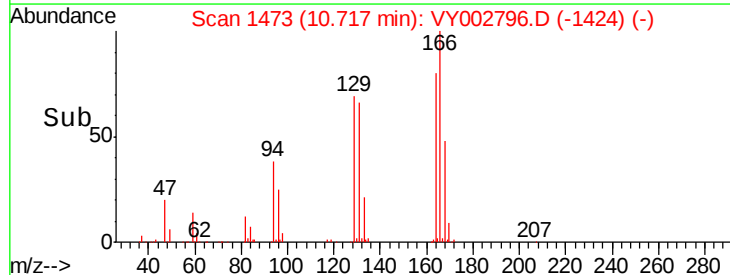
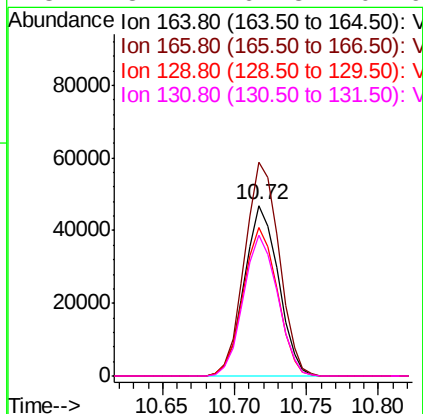
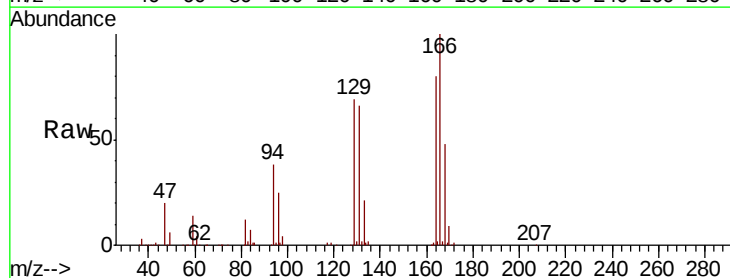
Instrument :
MSVOA_Y
ClientSampleId :

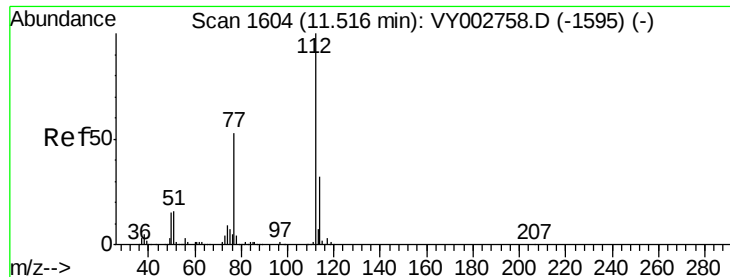
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.0	40.2	60.4
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 20.660 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.3	153.5
129	86.9	69.4	104.2
131	82.7	67.8	101.6

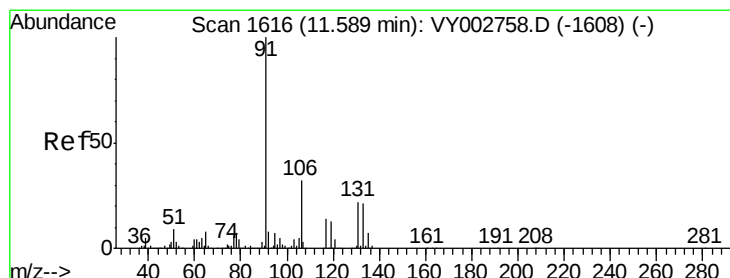
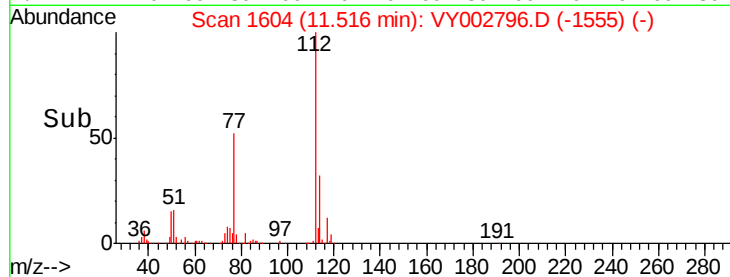
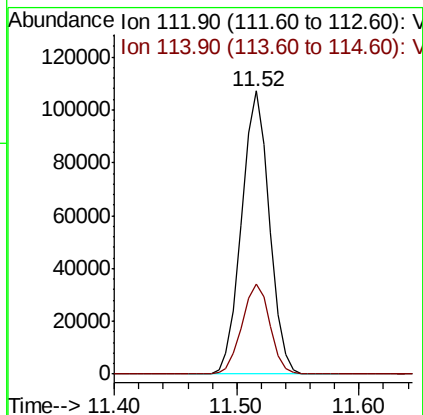
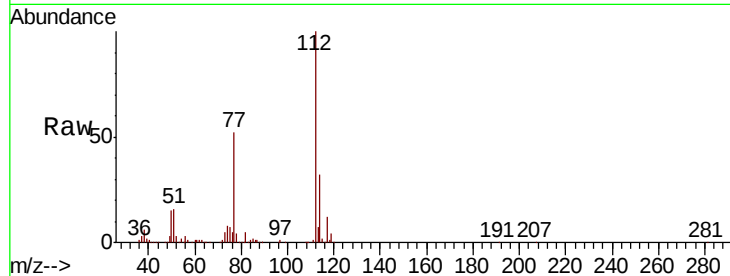




#65
Chlorobenzene
Concen: 20.919 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

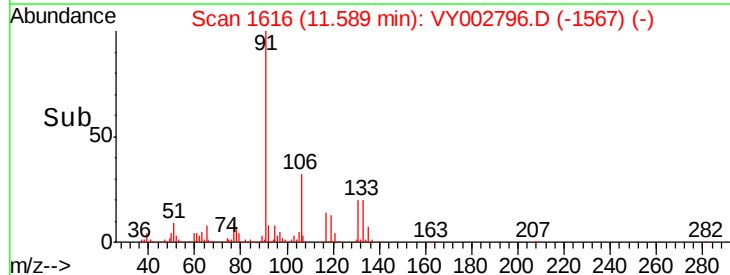
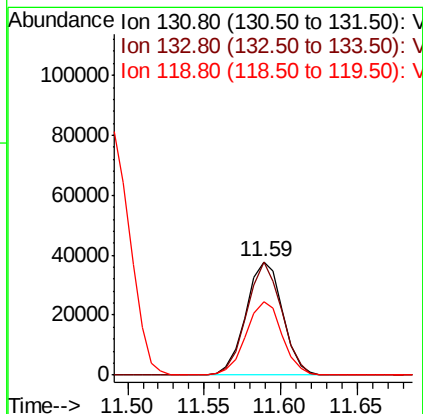
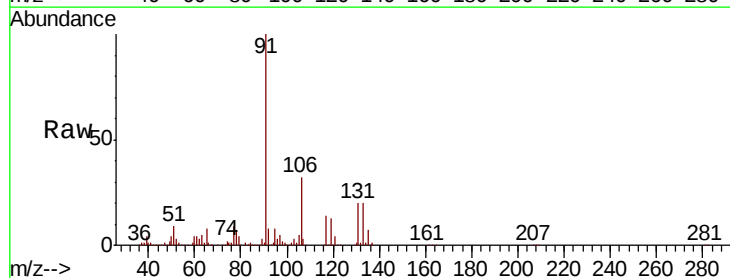
Instrument :
MSVOA_Y
ClientSampleId :

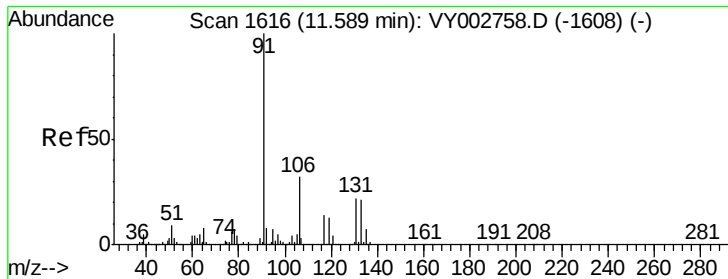
Tot Ion:112 Resp: 168713
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.747 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion:131 Resp: 63019
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 63.8 31.7 95.1





#67

Ethyl Benzene

Concen: 20.798 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

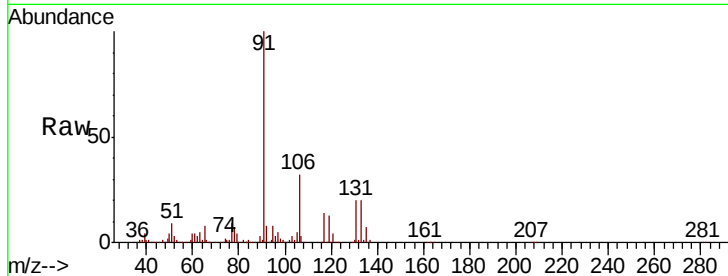
ClientSampled :

Tot Ion: 91 Resp: 290797

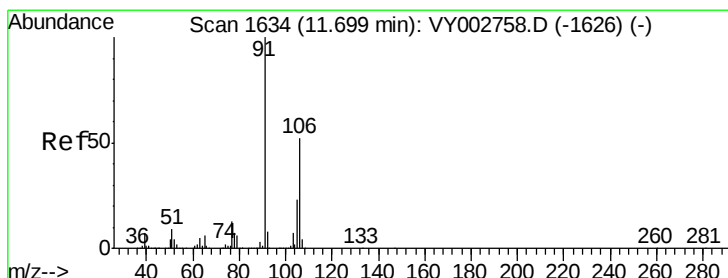
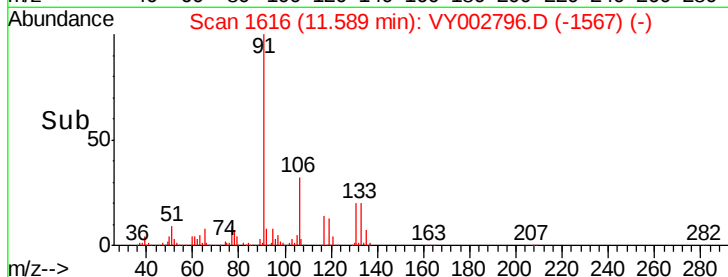
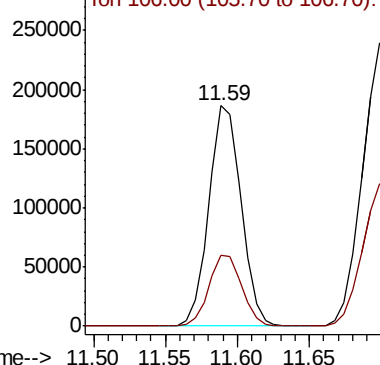
Ion Ratio Lower Upper

91 100

106 31.9 25.7 38.5



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



#68

m/p-Xylenes

Concen: 41.948 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY002796.D

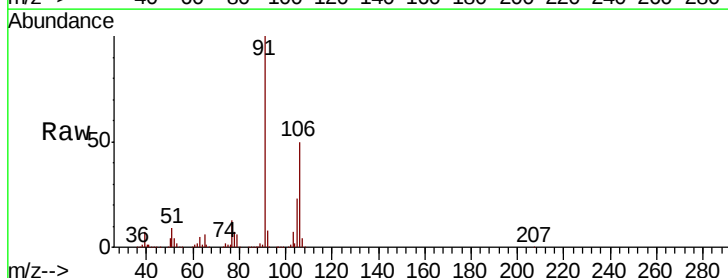
Acq: 29 May 2020 11:49

Tgt Ion: 106 Resp: 227401

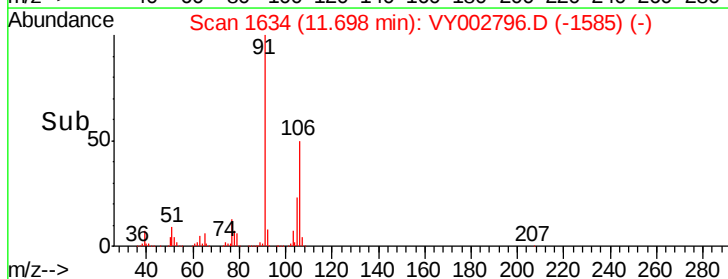
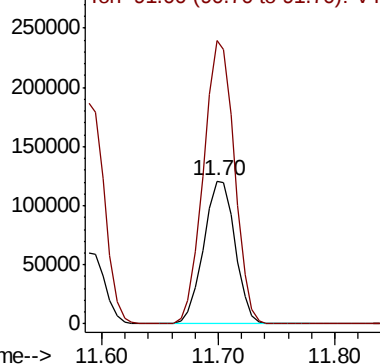
Ion Ratio Lower Upper

106 100

91 194.9 156.0 234.0



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

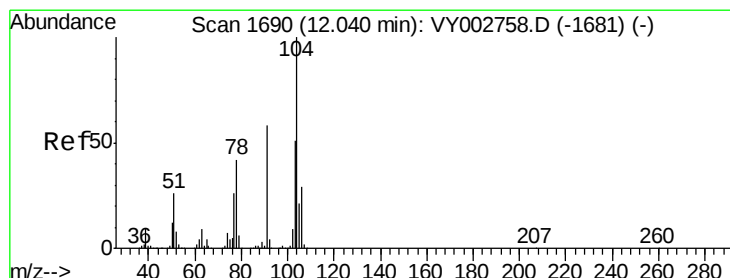
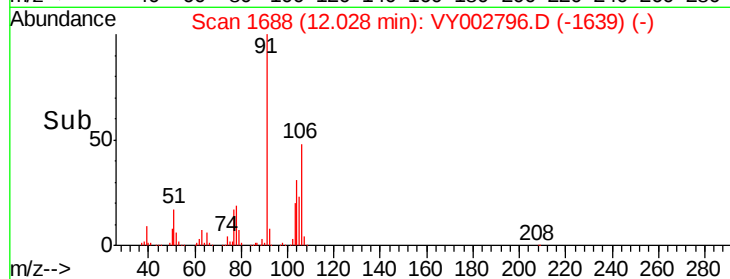
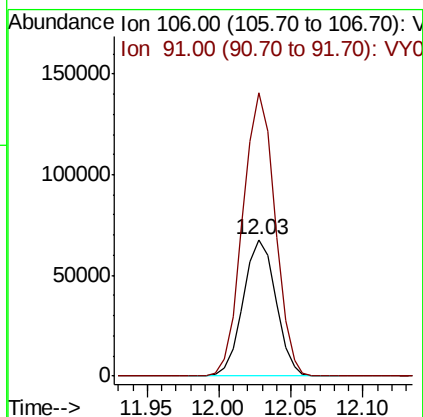
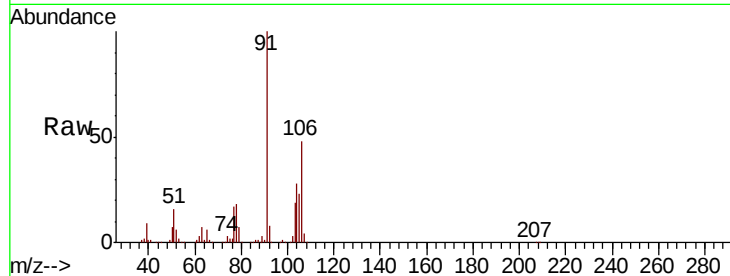




#69
o-Xylene
Concen: 20.810 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

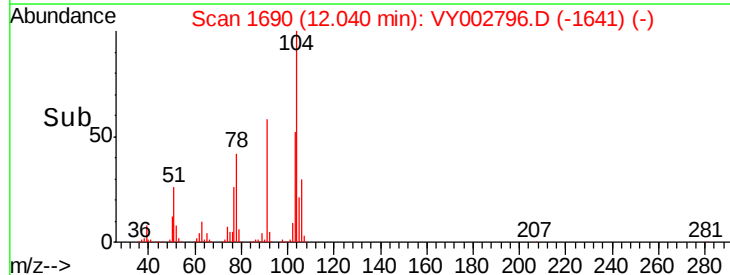
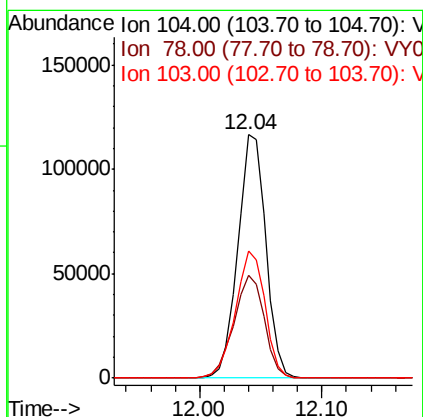
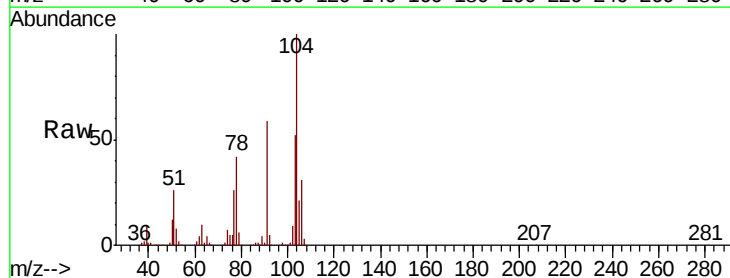
Instrument :
MSVOA_Y
ClientSampleId :

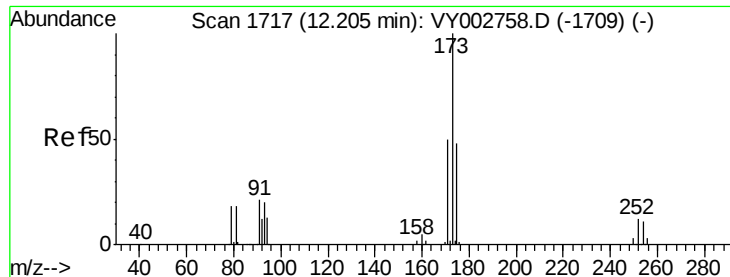
Tot Ion:106 Resp: 106496
Ion Ratio Lower Upper
106 100
91 205.2 102.4 307.1



#70
Styrene
Concen: 20.749 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY002796.D
Acq: 29 May 2020 11:49

Tgt Ion:104 Resp: 184073
Ion Ratio Lower Upper
104 100
78 46.0 36.2 54.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 20.709 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

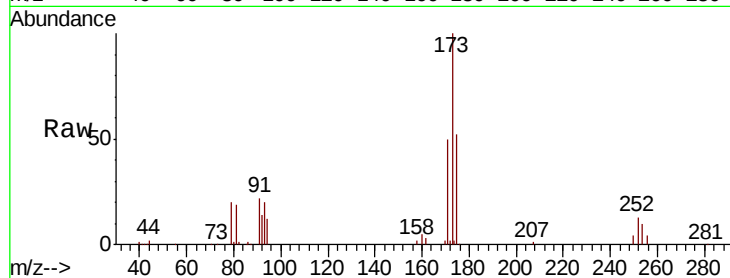
Tot Ion:173 Resp: 42090

Ion Ratio Lower Upper

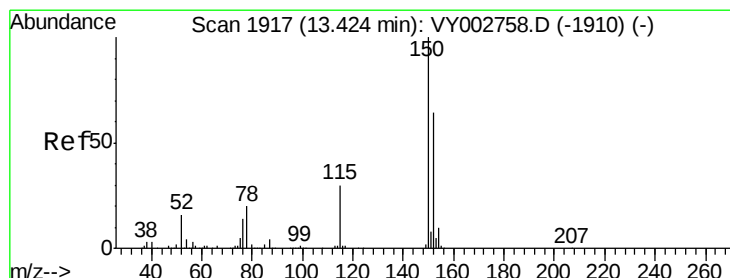
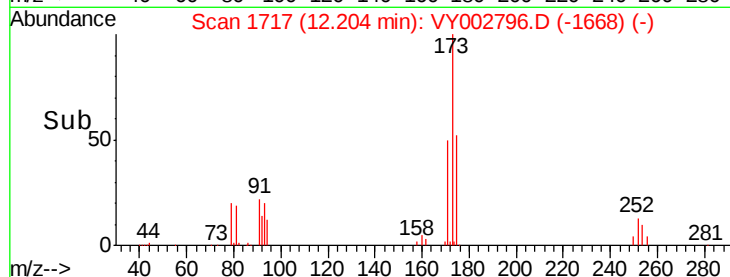
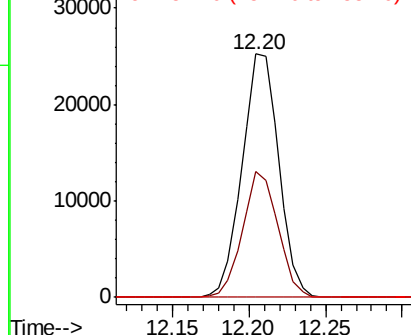
173 100

175 49.7 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: VY002796.D

Acq: 29 May 2020 11:49

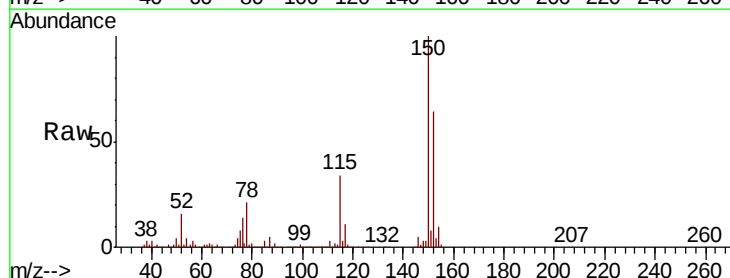
Tgt Ion:152 Resp: 221196

Ion Ratio Lower Upper

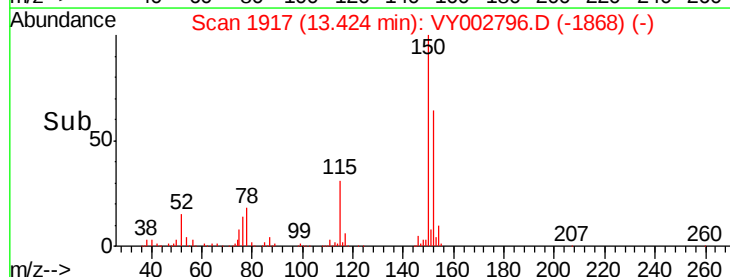
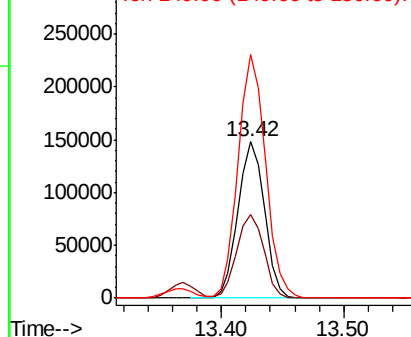
152 100

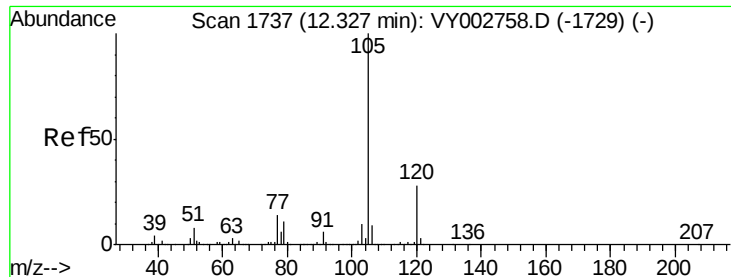
115 54.2 27.0 81.0

150 162.5 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: 20.906 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

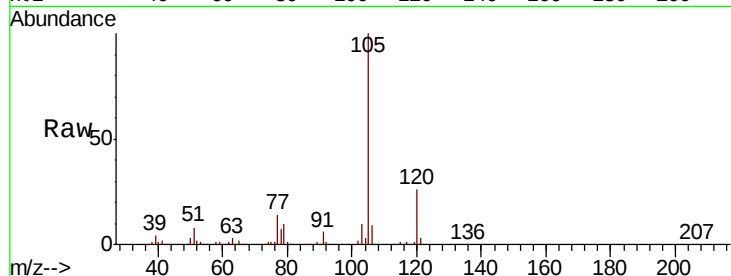
ClientSampleId :

Tot Ion:105 Resp: 296351

Ion Ratio Lower Upper

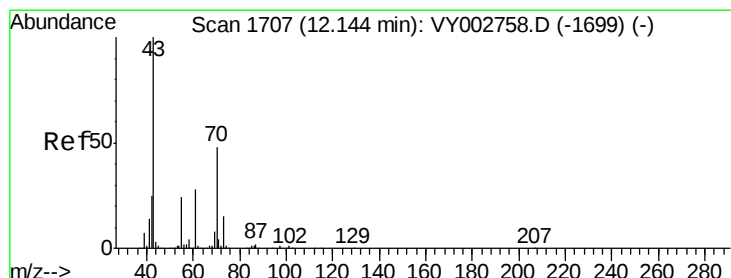
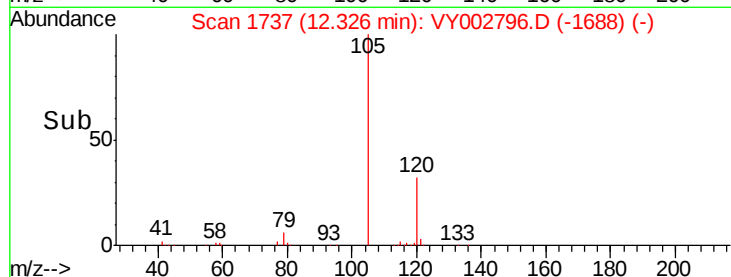
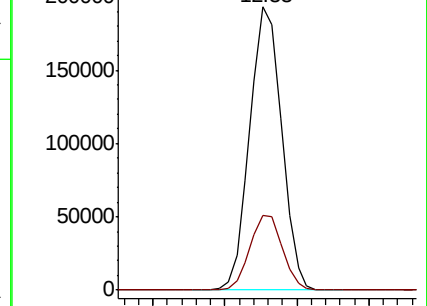
105 100

120 26.8 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.034 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Tgt Ion: 43 Resp: 76502

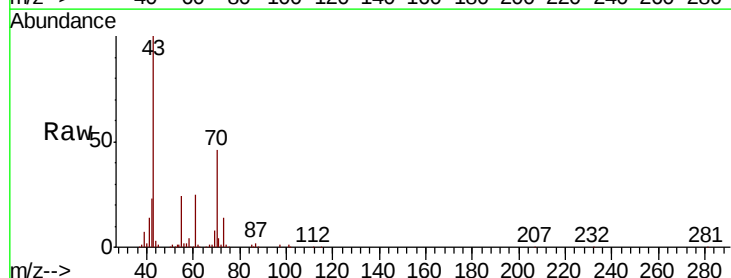
Ion Ratio Lower Upper

43 100

70 46.9 37.7 56.5

55 25.0 19.8 29.6

61 27.1 21.7 32.5

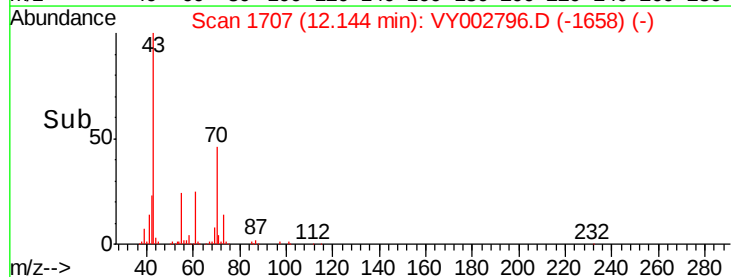
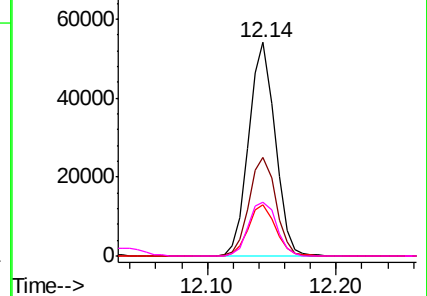


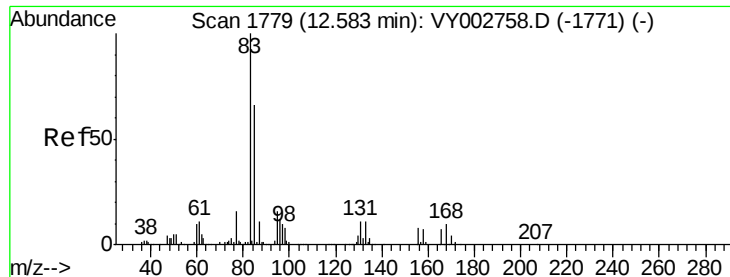
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.167 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

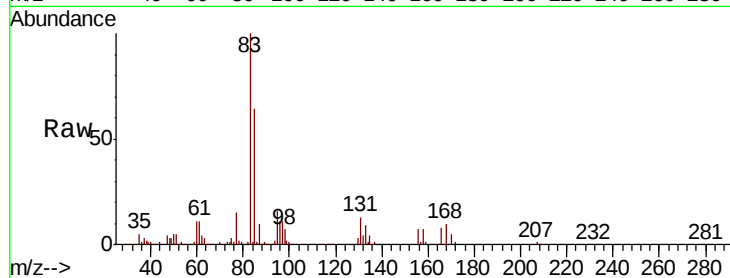
Tot Ion: 83 Resp: 52646

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.4

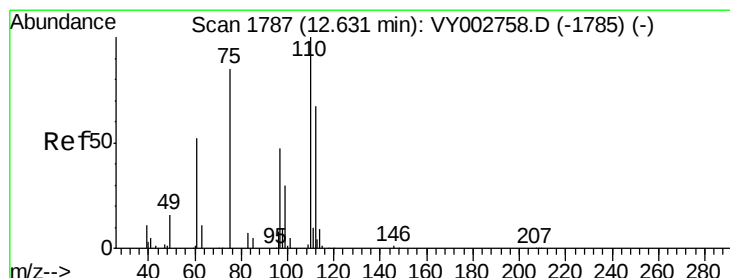
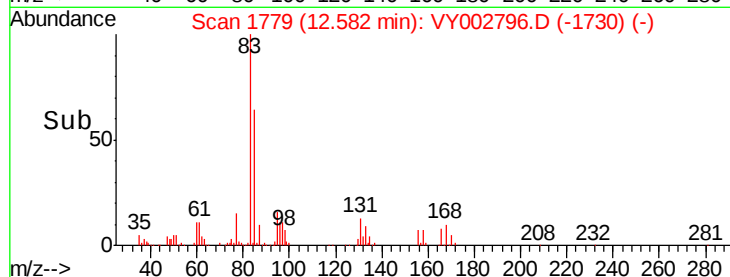
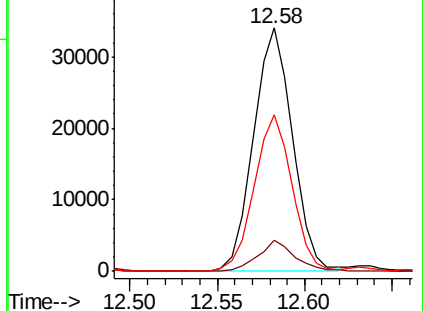
85 62.4 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002796.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002796.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002796.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 39.055 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY002796.D

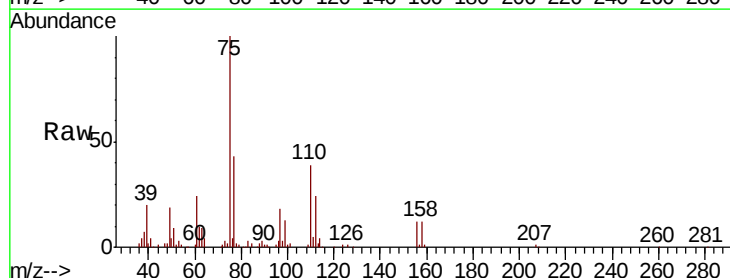
Acq: 29 May 2020 11:49

Tgt Ion: 75 Resp: 77842

Ion Ratio Lower Upper

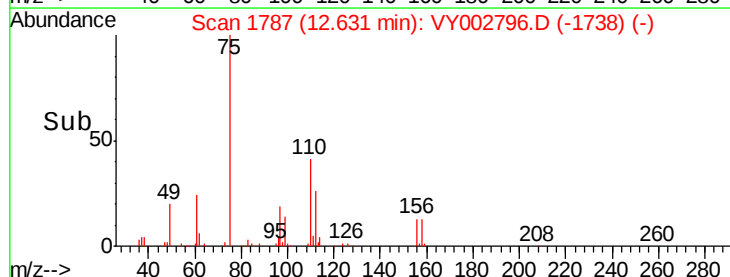
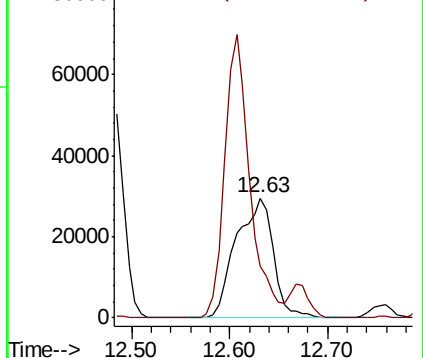
75 100

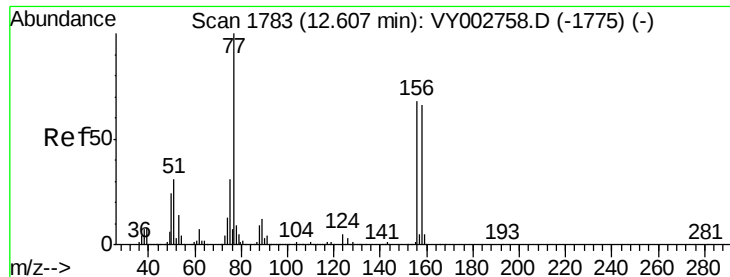
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002796.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002796.D (-1738) (-)





#77

Bromobenzene

Concen: 20.480 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

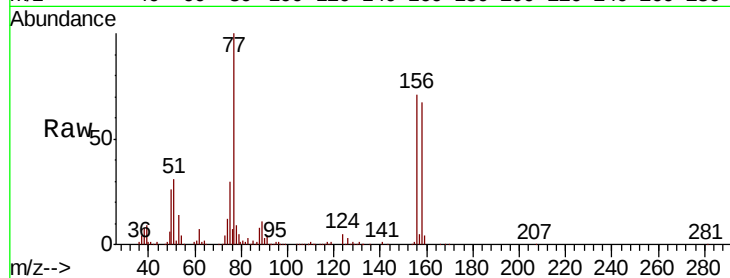
Tot Ion:156 Resp: 75590

Ion Ratio Lower Upper

156 100

77 165.8 81.4 244.2

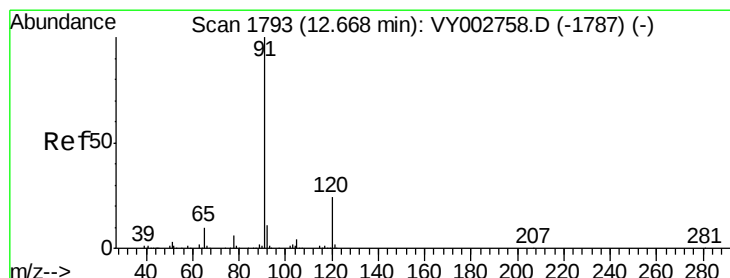
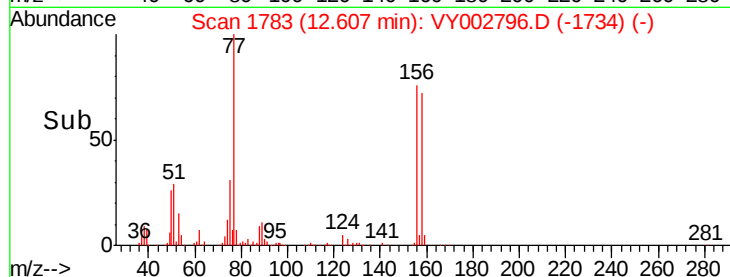
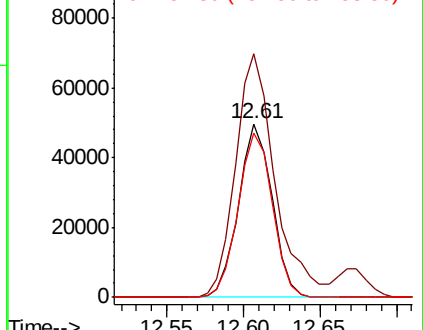
158 96.9 48.5 145.6



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: 20.896 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY002796.D

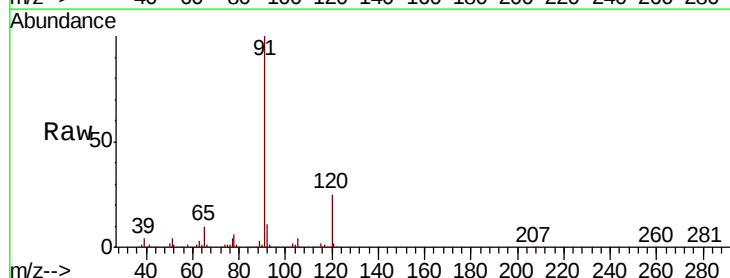
Acq: 29 May 2020 11:49

Tgt Ion: 91 Resp: 342153

Ion Ratio Lower Upper

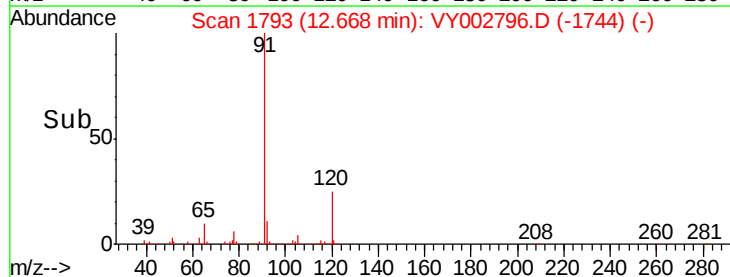
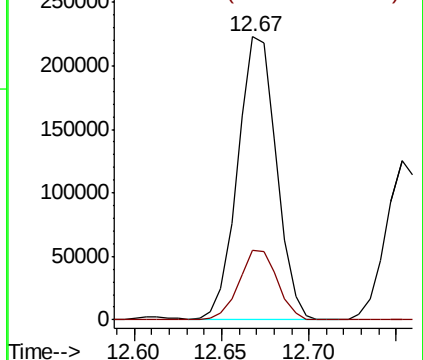
91 100

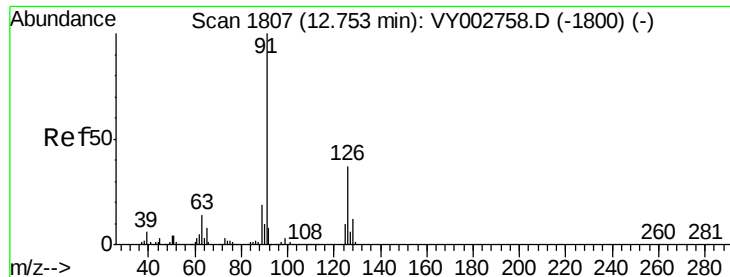
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

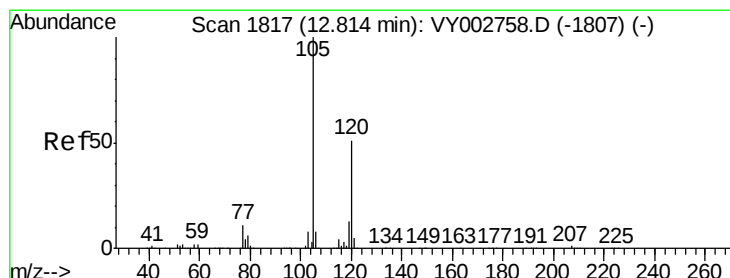
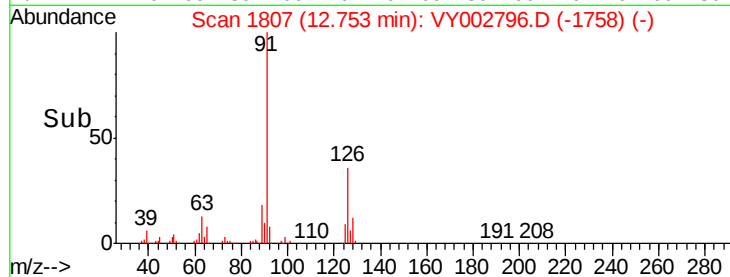
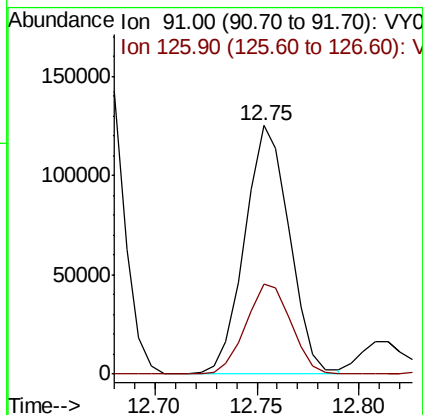
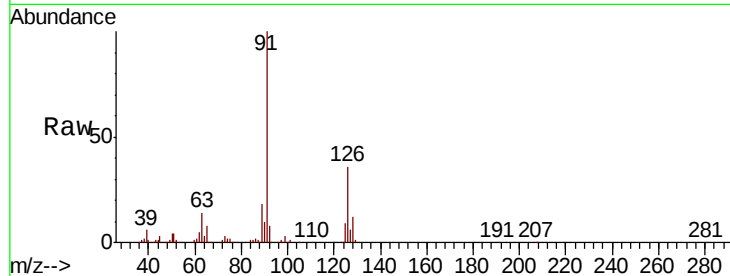




#79
 2-Chlorotoluene
 Concen: 20.751 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

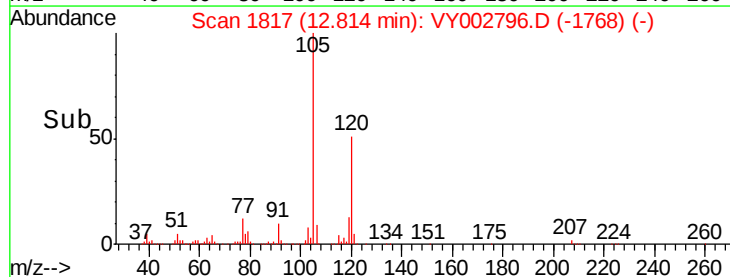
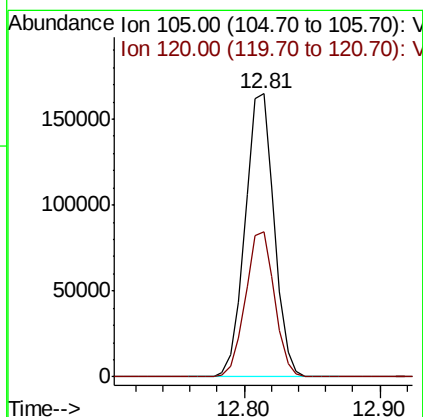
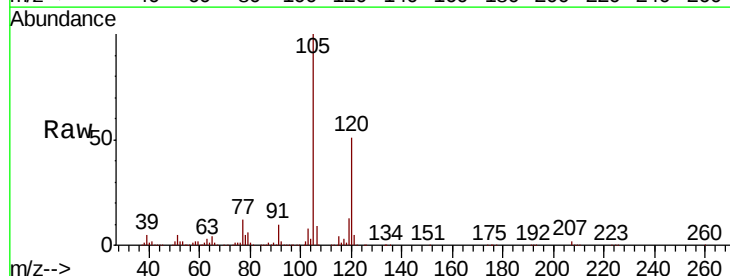
Instrument :
 MSVOA_Y
 ClientSampleId :

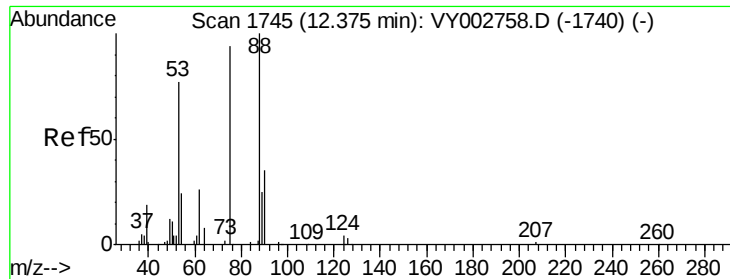
Tot Ion: 91 Resp: 190597
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.732 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion:105 Resp: 245372
 Ion Ratio Lower Upper
 105 100
 120 51.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.242 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

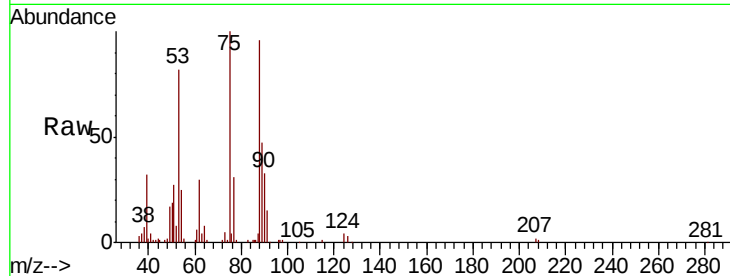
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 22472

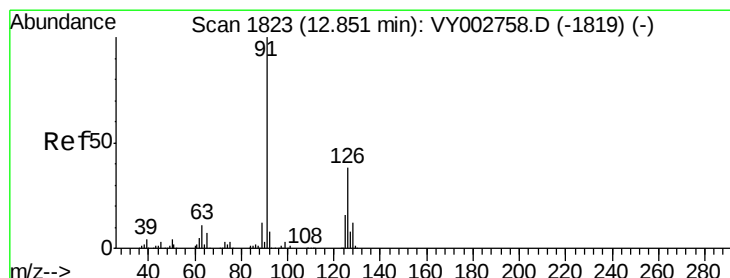
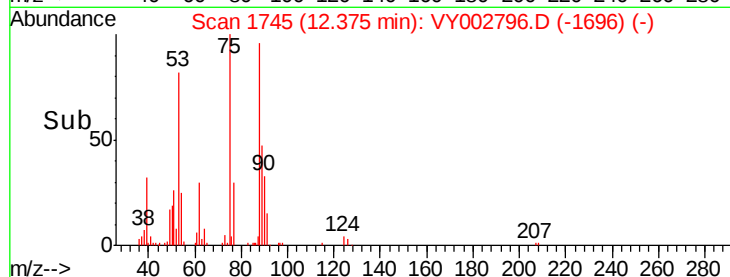
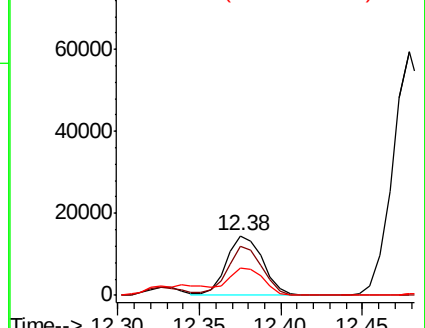
Ion	Ratio	Lower	Upper
75	100		
53	78.1	64.0	96.0
89	44.9	37.4	56.2



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: 20.995 ug/l

RT: 12.85 min Scan# 1823

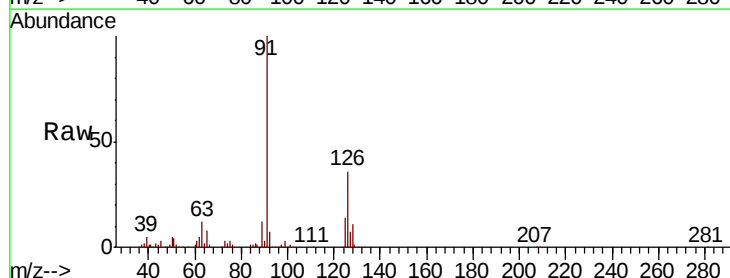
Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

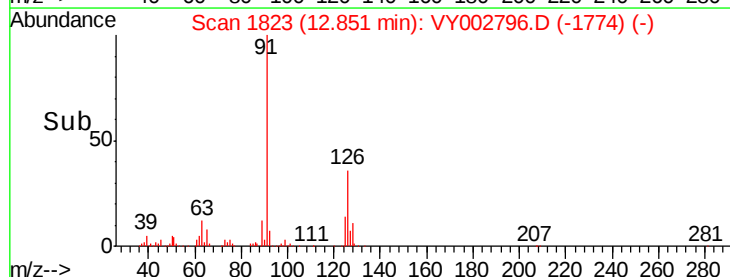
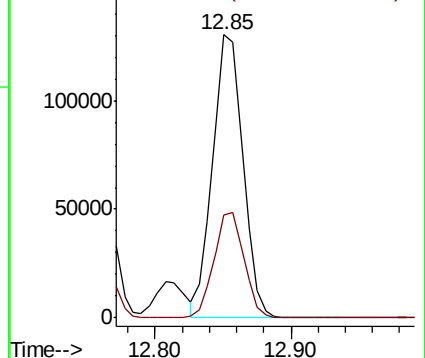
Tgt Ion: 91 Resp: 202038

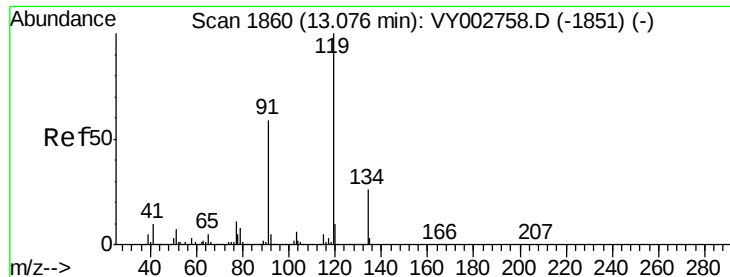
Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.839 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

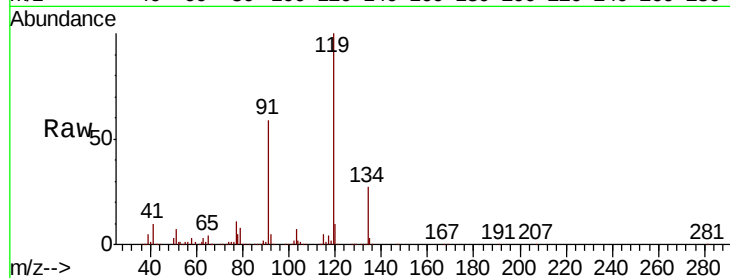
Tot Ion:119 Resp: 220004

Ion Ratio Lower Upper

119 100

91 59.4 29.8 89.4

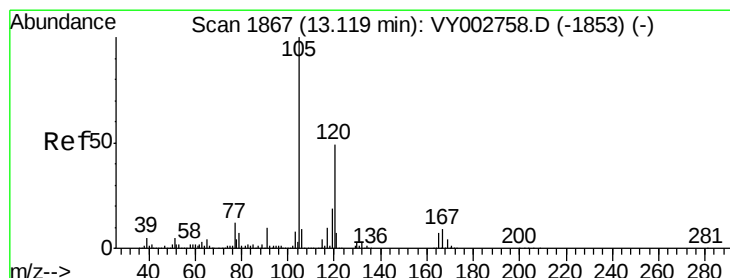
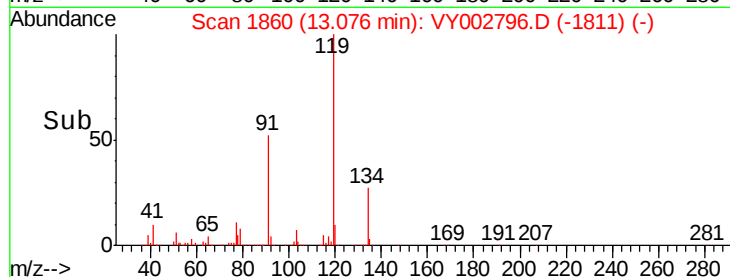
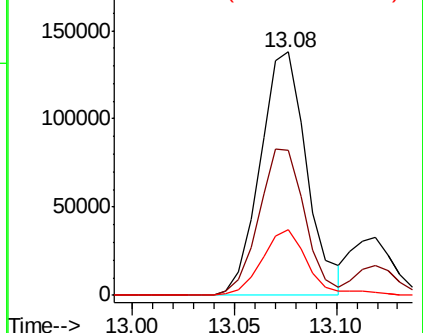
134 26.6 13.3 39.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.942 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY002796.D

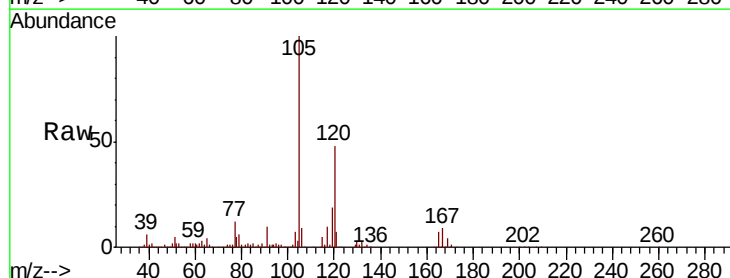
Acq: 29 May 2020 11:49

Tgt Ion:105 Resp: 249231

Ion Ratio Lower Upper

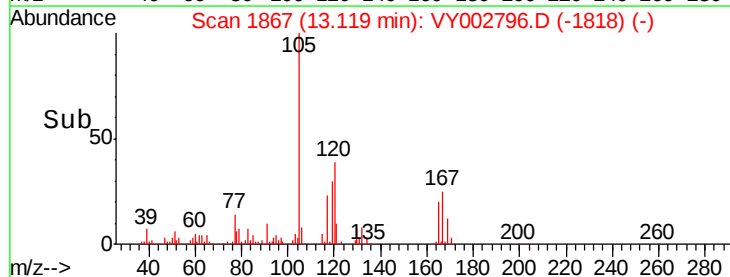
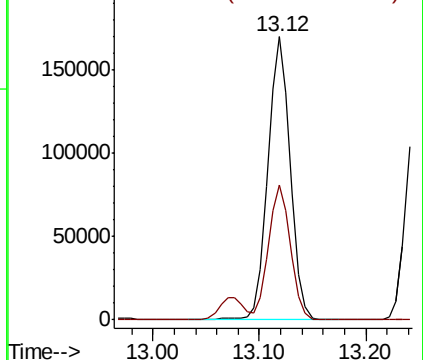
105 100

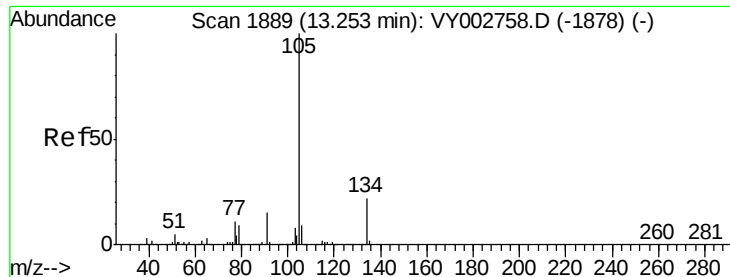
120 46.6 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.007 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

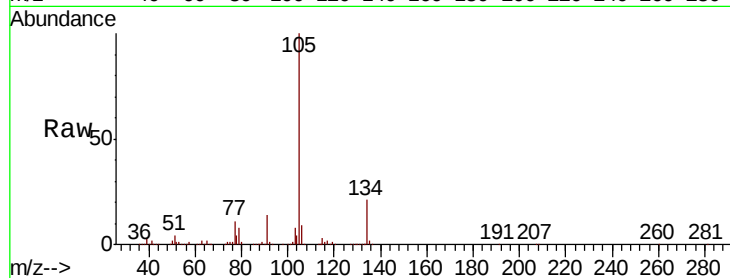
ClientSampleId :

Tot Ion:105 Resp: 303243

Ion Ratio Lower Upper

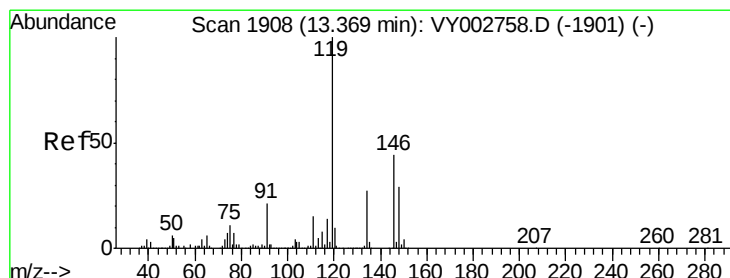
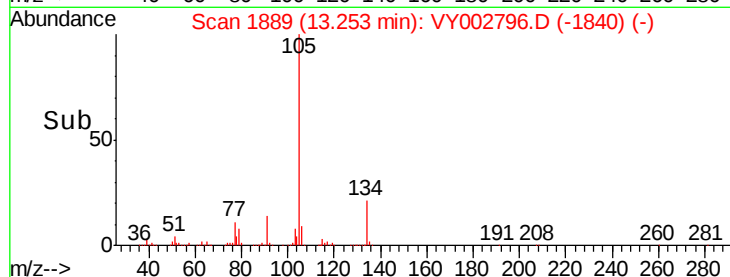
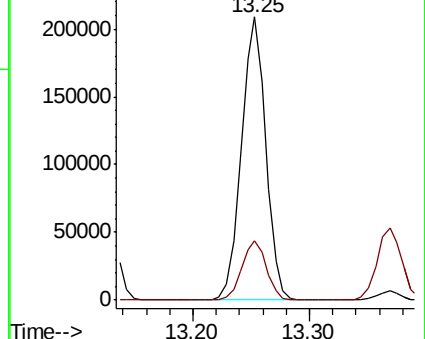
105 100

134 21.2 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: 20.930 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

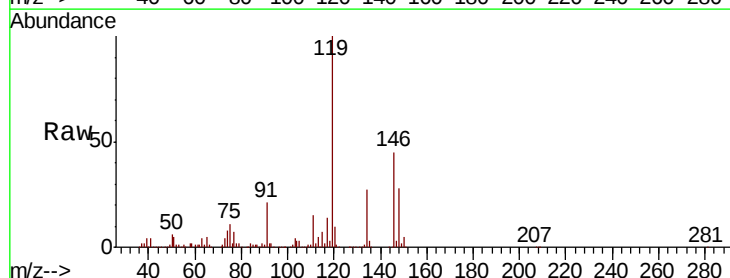
Tgt Ion:119 Resp: 281135

Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.0

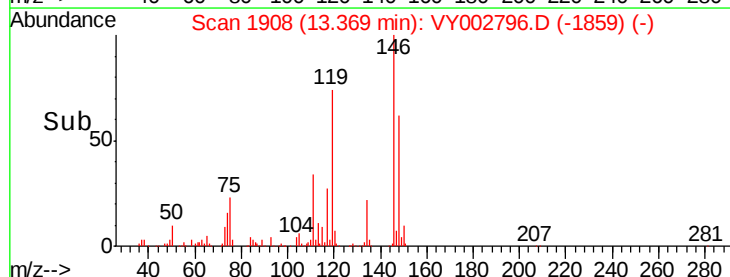
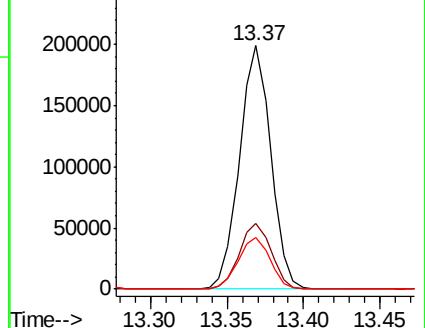
91 21.5 10.8 32.4

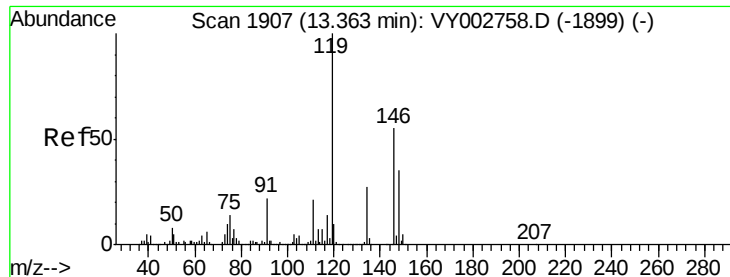


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.838 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

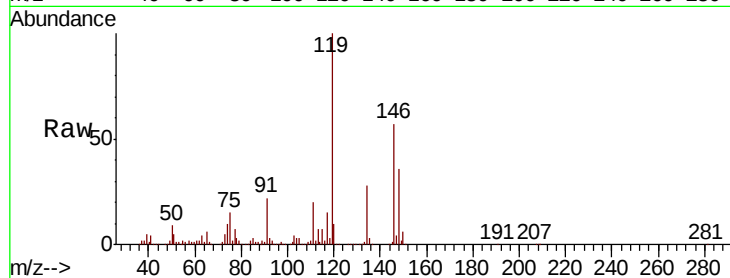
Tot Ion:146 Resp: 145692

Ion Ratio Lower Upper

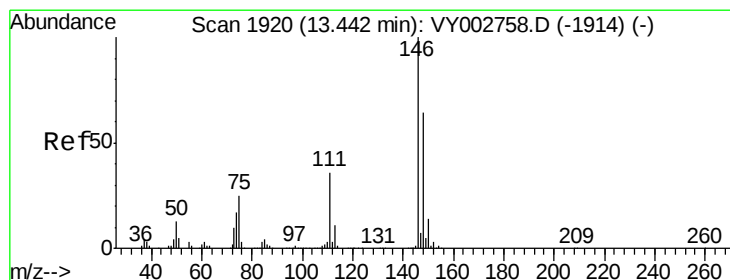
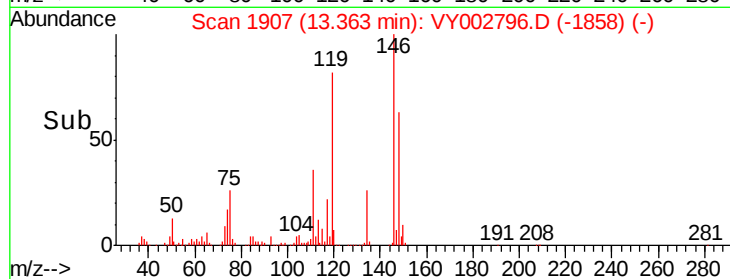
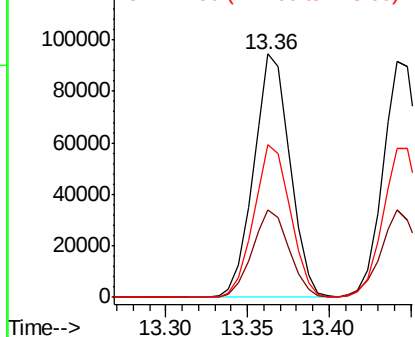
146 100

111 36.2 18.4 55.0

148 63.2 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 20.734 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

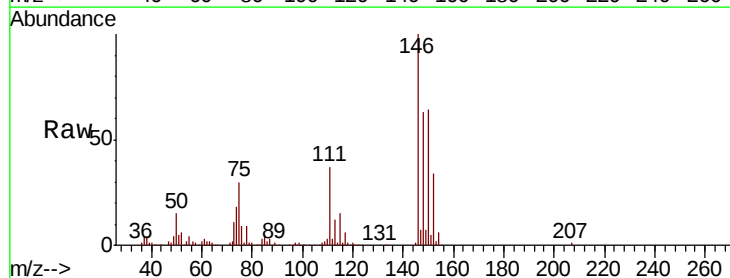
Tgt Ion:146 Resp: 145008

Ion Ratio Lower Upper

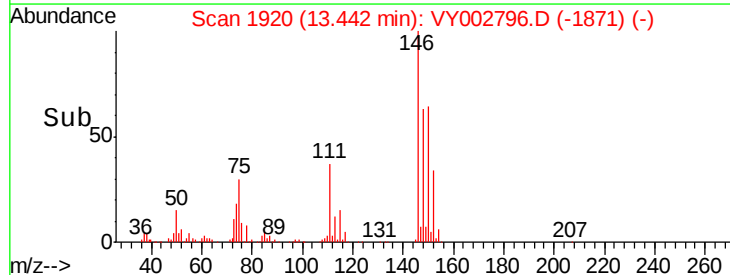
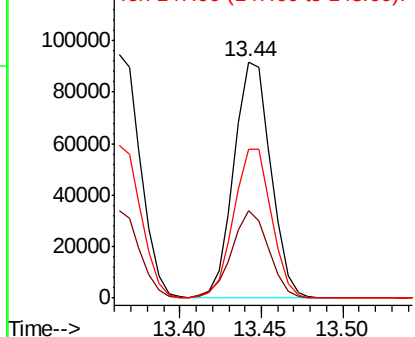
146 100

111 37.2 18.1 54.3

148 64.2 32.1 96.3



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





#89

n-Butylbenzene

Concen: 21.110 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

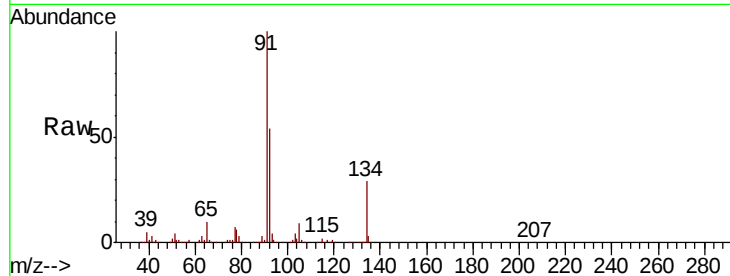
Tot Ion: 91 Resp: 257438

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.2

134 28.6 14.3 42.9

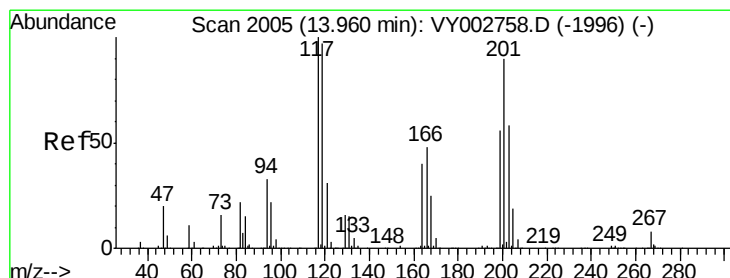
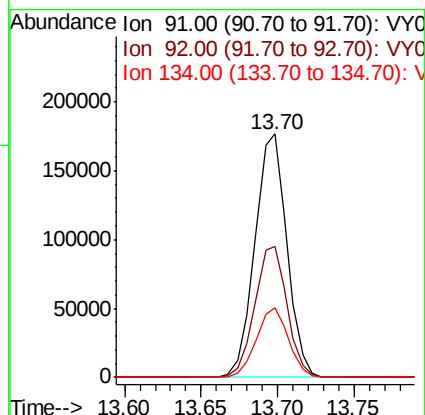
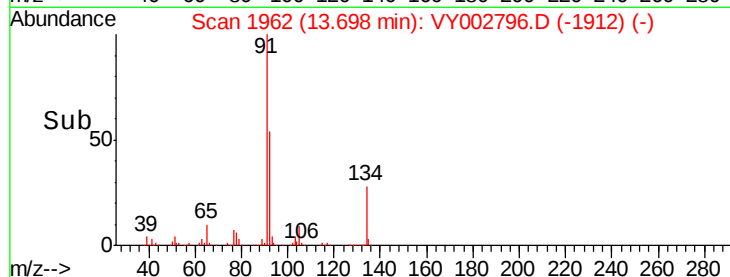


Abundance Ion 91.00 (90.70 to 91.70): VY002758.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY002758.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY002758.D (-1954) (-)

Time--> 13.60 13.65 13.70 13.75



#90

Hexachloroethane

Concen: 20.915 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002796.D

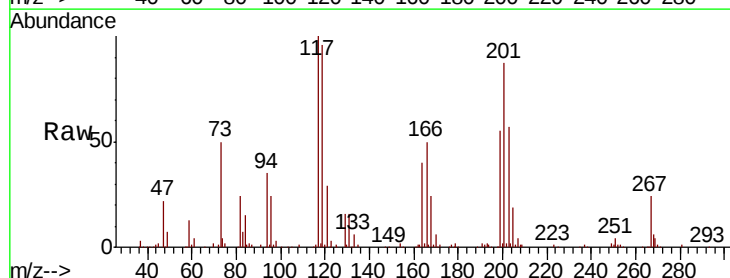
Acq: 29 May 2020 11:49

Tgt Ion: 117 Resp: 52592

Ion Ratio Lower Upper

117 100

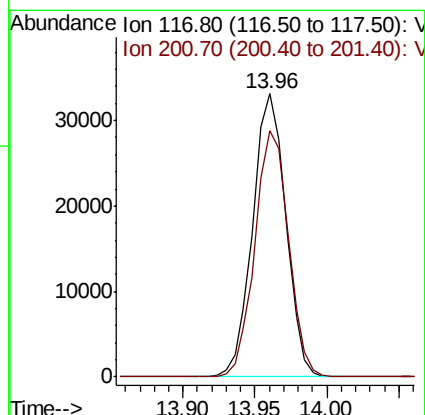
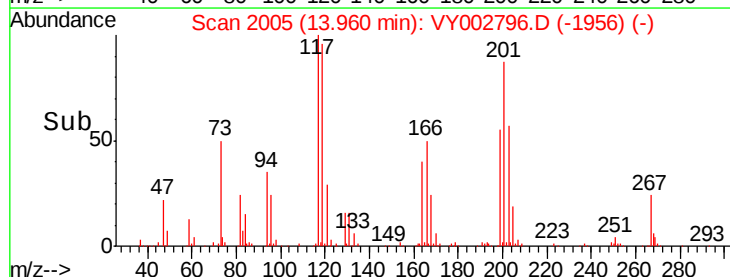
201 88.1 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002758.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY002758.D (-1996) (-)

Time--> 13.90 13.95 14.00





#91

1,2-Dichlorobenzene

Concen: 20.947 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampled :

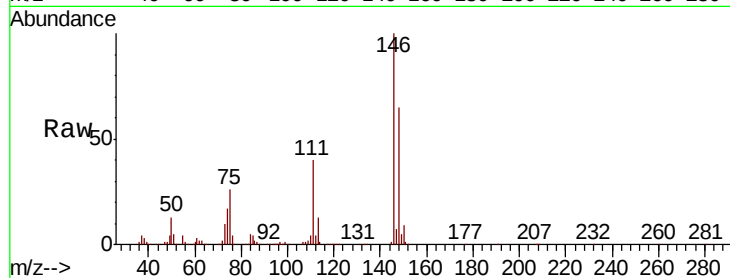
Tot Ion:146 Resp: 132814

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

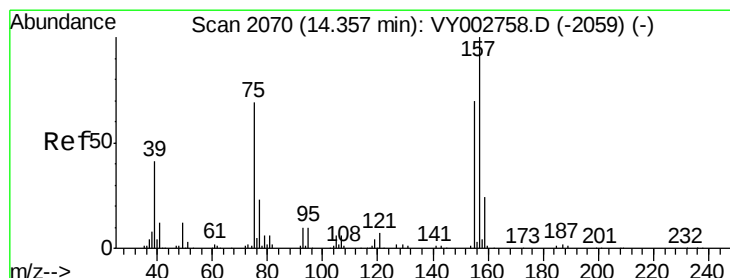
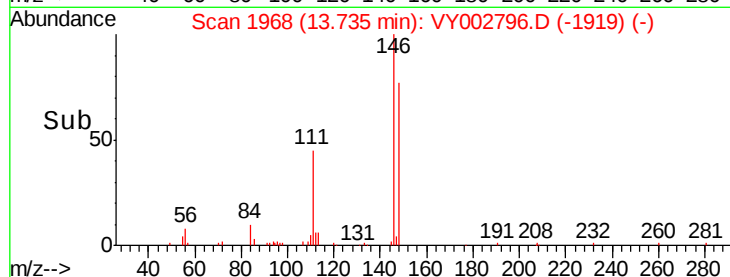
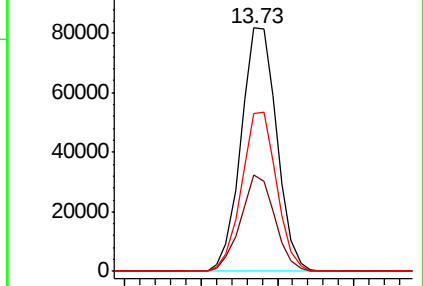
148 63.5 31.9 95.5



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: 21.511 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

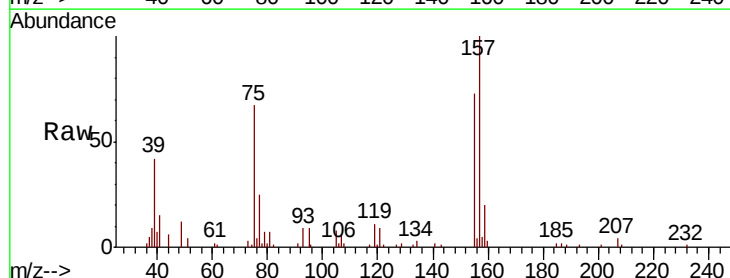
Tgt Ion: 75 Resp: 10293

Ion Ratio Lower Upper

75 100

155 99.7 53.5 160.5

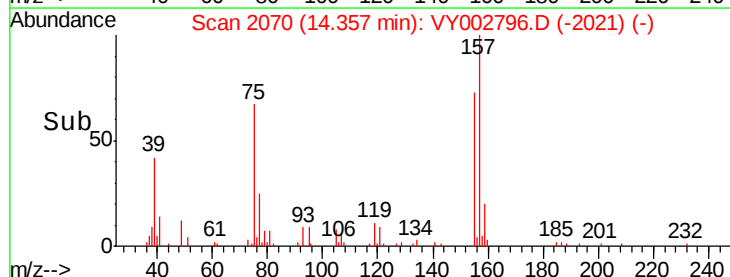
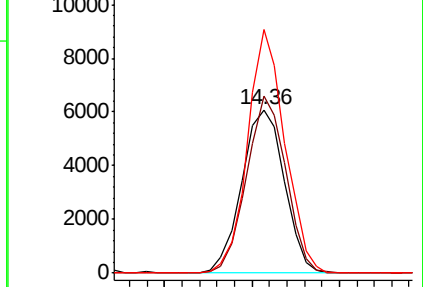
157 130.4 69.9 209.7

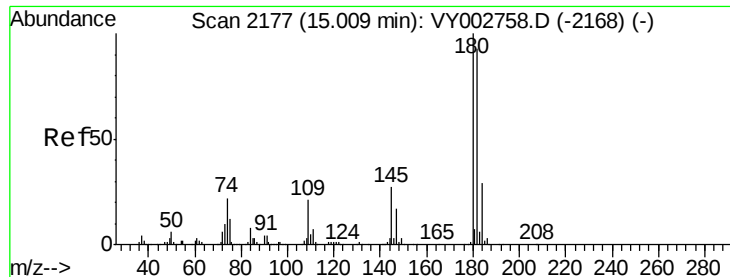


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

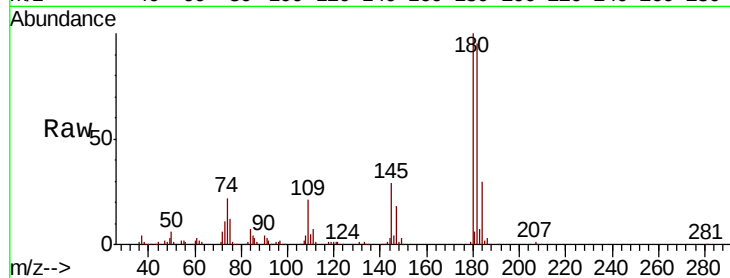




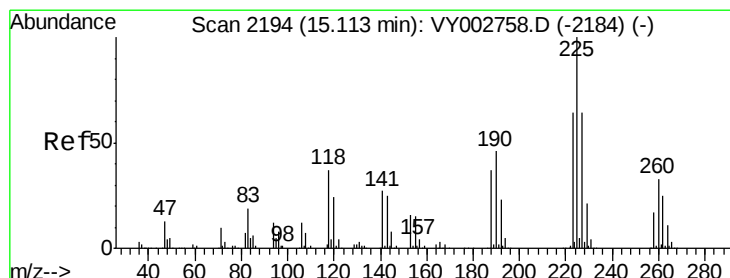
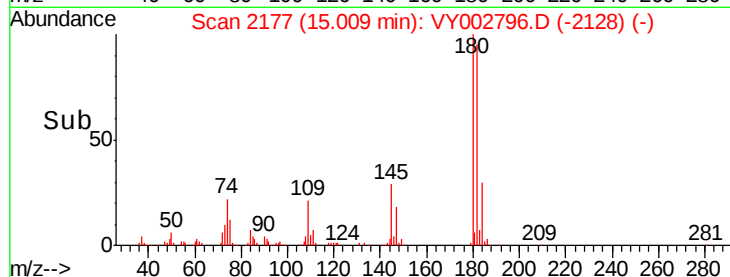
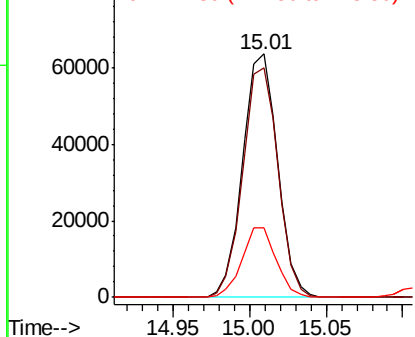
#93
 1,2,4-Trichlorobenzene
 Concen: 21.126 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 100966
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 141.9
 145 28.2 14.1 42.3

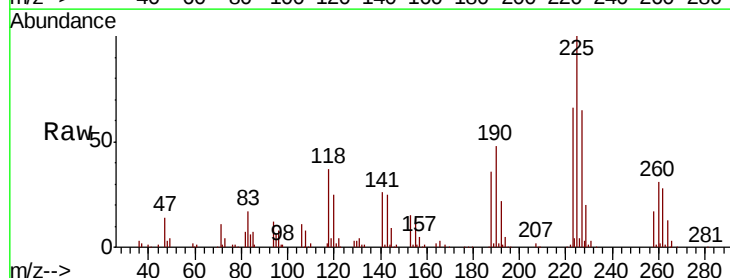


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

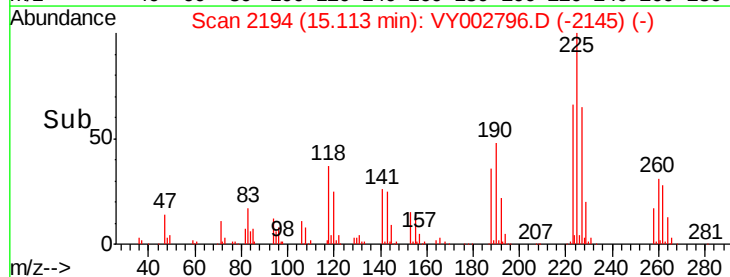
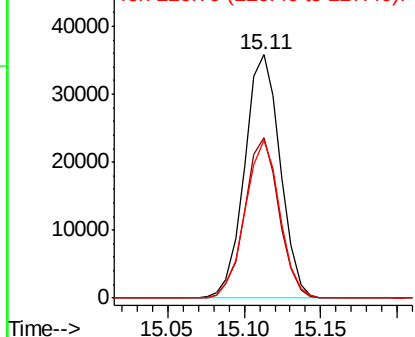


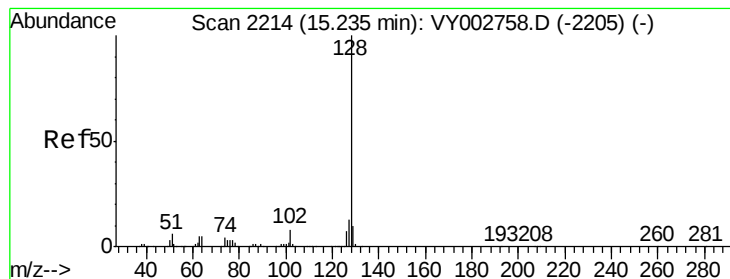
#94
 Hexachlorobutadiene
 Concen: 21.300 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002796.D
 Acq: 29 May 2020 11:49

Tgt Ion:225 Resp: 57738
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 63.5 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: 20.814 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

Instrument :

MSVOA_Y

ClientSampleId :

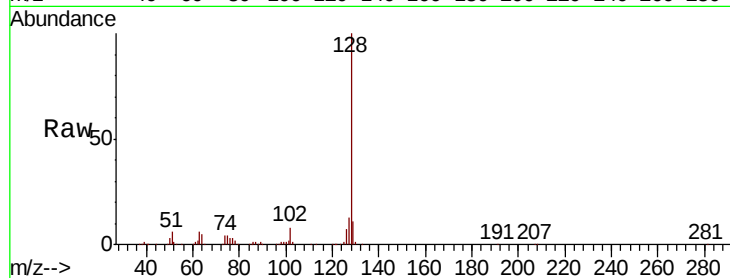
Tot Ion:128 Resp: 199449

Ion Ratio Lower Upper

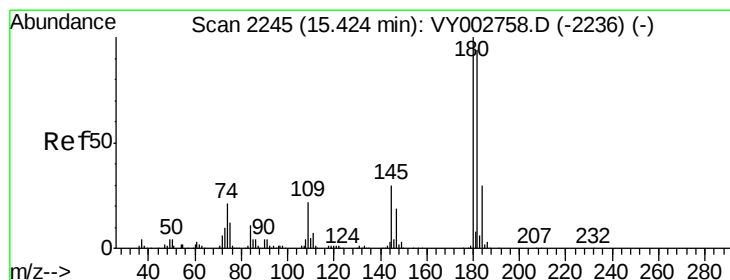
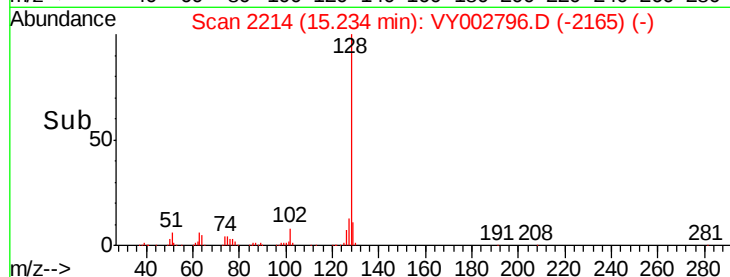
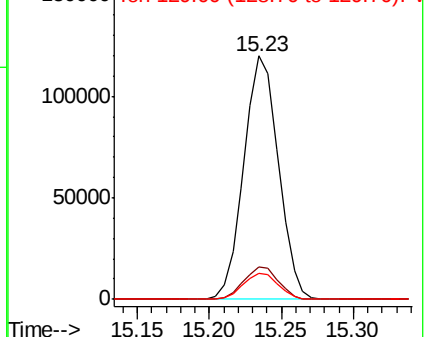
128 100

127 13.4 10.3 15.5

129 10.7 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 21.121 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY002796.D

Acq: 29 May 2020 11:49

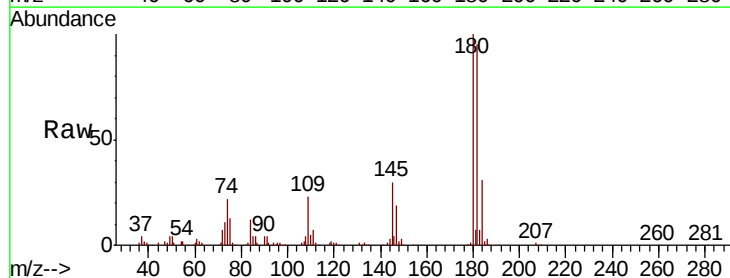
Tgt Ion:180 Resp: 90140

Ion Ratio Lower Upper

180 100

182 95.0 48.1 144.4

145 30.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

