

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061620\
 Data File : VY002911.D
 Acq On : 16 Jun 2020 16:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 6.42G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 17 01:47:29 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	278174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	409686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	384595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208111	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	115480	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
35) Dibromofluoromethane	7.72	113	118842	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
50) Toluene-d8	10.18	98	454470	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
62) 4-Bromofluorobenzene	12.48	95	161430	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	83531	43.641	ug/l	97
3) Chloromethane	2.11	50	94319	44.550	ug/l	98
4) Vinyl Chloride	2.26	62	106389	47.543	ug/l	100
5) Bromomethane	2.65	94	77267	46.076	ug/l	97
6) Chloroethane	2.80	64	67881	46.794	ug/l	94
7) Trichlorofluoromethane	3.13	101	190714	48.120	ug/l	100
8) Diethyl Ether	3.54	74	72340	46.745	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	118504	50.360	ug/l	97
10) Methyl Iodide	4.10	142	156172	47.430	ug/l	100
11) Tert butyl alcohol	4.97	59	65505	252.459	ug/l	99
12) 1,1-Dichloroethene	3.88	96	114428	48.354	ug/l	96
13) Acrolein	3.74	56	55325	195.461	ug/l	99
14) Allyl chloride	4.49	41	167689	49.407	ug/l	99
15) Acrylonitrile	5.18	53	179424	257.000	ug/l	98
16) Acetone	3.96	43	156586	276.476	ug/l	99
17) Carbon Disulfide	4.20	76	304530	42.585	ug/l	100
18) Methyl Acetate	4.49	43	74950	52.793	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	337876	51.718	ug/l	97
20) Methylene Chloride	4.72	84	133741	48.321	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	127709	47.987	ug/l	99
22) Diisopropyl ether	6.13	45	359797	51.013	ug/l	97
23) Vinyl Acetate	6.07	43	1208521	259.529	ug/l	100
24) 1,1-Dichloroethane	6.03	63	211141	51.175	ug/l	99
25) 2-Butanone	6.99	43	226009	256.132	ug/l	100
26) 2,2-Dichloropropane	6.99	77	199216	50.346	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	147872	49.634	ug/l	99
28) Bromochloromethane	7.34	49	82734	48.847	ug/l	100
29) Tetrahydrofuran	7.35	42	142723	248.662	ug/l	98
30) Chloroform	7.52	83	227523	51.968	ug/l	97
31) Cyclohexane	7.79	56	183196	44.721	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	205988	50.490	ug/l	99
36) 1,1-Dichloropropene	7.92	75	170266	49.337	ug/l	100
37) Ethyl Acetate	7.08	43	97661	52.012	ug/l	100
38) Carbon Tetrachloride	7.91	117	195336	50.951	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	215777	47.435	ug/l	98
40) Benzene	8.16	78	508569	49.873	ug/l	99
41) Methacrylonitrile	7.35	41	133720	132.564	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	144581	50.591	ug/l	99
43) Isopropyl Acetate	8.28	43	184192	51.766	ug/l	99
44) Trichloroethene	8.94	130	158902	49.333	ug/l	97
45) 1,2-Dichloropropane	9.22	63	125292	51.235	ug/l	100
46) Dibromomethane	9.31	93	74060	50.995	ug/l	99
47) Bromodichloromethane	9.50	83	179351	52.384	ug/l	99
48) Methyl methacrylate	9.30	41	82001	51.051	ug/l	99
49) 1,4-Dioxane	9.31	88	21667	971.631	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	493087	261.704	ug/l	100
52) Toluene	10.25	92	335148	50.241	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	195022	52.151	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	217517	51.333	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	113635	51.108	ug/l	97
56) Ethyl methacrylate	10.51	69	154993	52.045	ug/l	99
57) 1,3-Dichloropropane	10.79	76	188021	51.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	365840	251.407	ug/l	100
59) 2-Hexanone	10.83	43	352966	264.029	ug/l	99
60) Dibromochloromethane	10.99	129	149852	53.160	ug/l	100
61) 1,2-Dibromoethane	11.09	107	112663	51.367	ug/l	100
64) Tetrachloroethene	10.72	164	165284	47.286	ug/l	98
65) Chlorobenzene	11.52	112	380695	50.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	148343	51.816	ug/l	99
67) Ethyl Benzene	11.59	91	663150	50.322	ug/l	99
68) m/p-Xylenes	11.70	106	512411	100.288	ug/l	100
69) o-Xylene	12.03	106	244235	50.635	ug/l	99
70) Styrene	12.05	104	426042	50.952	ug/l	99
71) Bromoform	12.21	173	102514	53.514	ug/l	100
73) Isopropylbenzene	12.33	105	668490	50.124	ug/l	100
74) N-amyl acetate	12.14	43	172502	50.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	125659	53.701	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	178156	95.005	ug/l #	100
77) Bromobenzene	12.61	156	173128	49.855	ug/l	100
78) n-propylbenzene	12.67	91	776427	50.400	ug/l	99
79) 2-Chlorotoluene	12.76	91	428768	49.617	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	564623	50.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50565	50.802	ug/l	98
82) 4-Chlorotoluene	12.86	91	452709	50.001	ug/l	100
83) tert-Butylbenzene	13.08	119	501308	50.469	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	561494	50.148	ug/l	99
85) sec-Butylbenzene	13.25	105	687120	50.593	ug/l	100
86) p-Isopropyltoluene	13.37	119	638682	50.539	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	327301	49.757	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	329853	50.128	ug/l	99
89) n-Butylbenzene	13.70	91	573885	50.018	ug/l	100
90) Hexachloroethane	13.96	117	120288	50.843	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	303006	50.793	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22887	50.838	ug/l	98

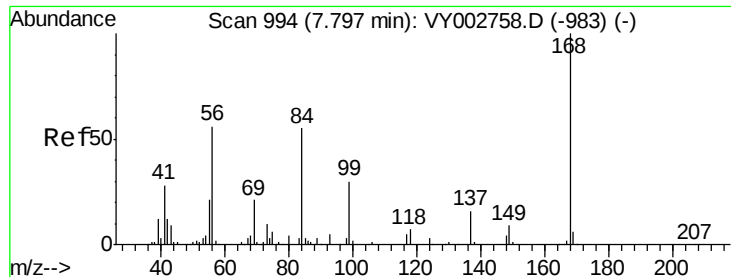
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	217907	48.461	ug/l	100
94) Hexachlorobutadiene	15.11	225	125318	49.138	ug/l	99
95) Naphthalene	15.23	128	434210	48.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	193406	48.167	ug/l	98

(#) = 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: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

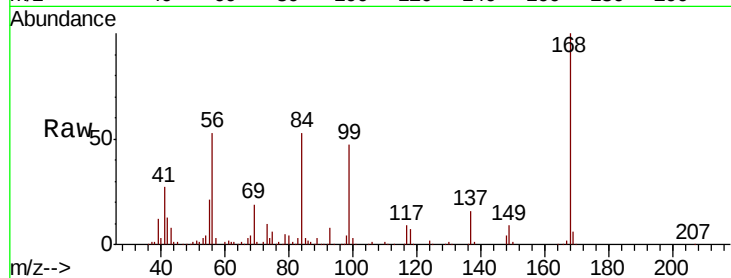
VSTDCCC050EC

Tot Ion:168 Resp: 278174

Ion Ratio Lower Upper

168 100

99 47.3 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

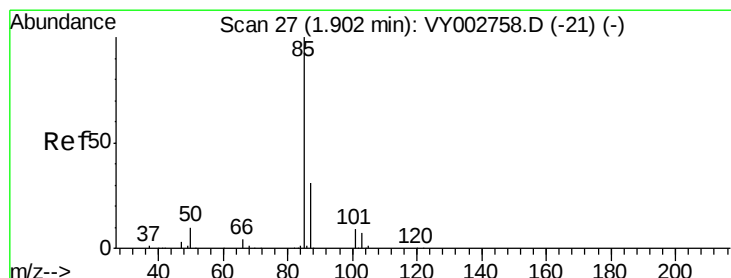
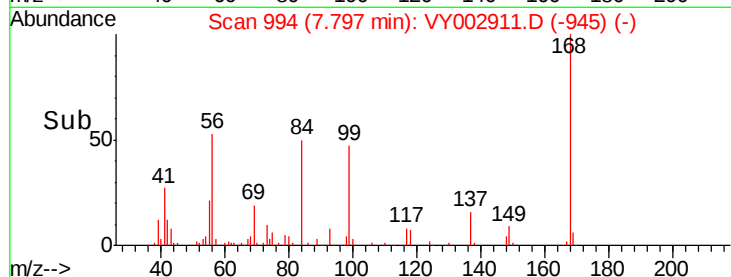
100000

50000

0

Time-->

7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 43.641 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY002911.D

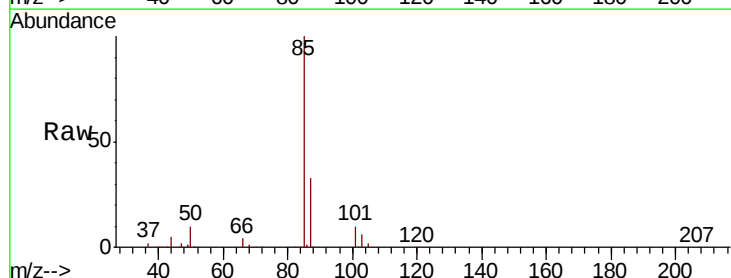
Acq: 16 Jun 2020 16:06

Tgt Ion: 85 Resp: 83531

Ion Ratio Lower Upper

85 100

87 32.9 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

60000

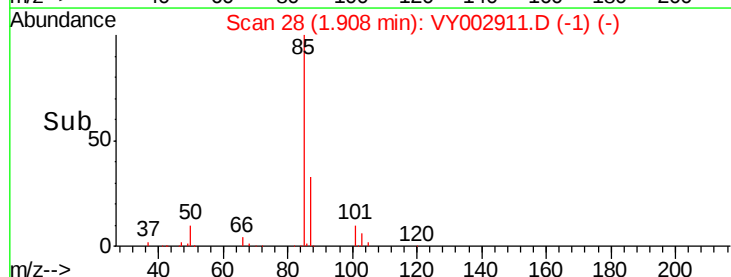
40000

20000

0

Time-->

1.80 1.90 2.00





#3

Chloromethane

Concen: 44.550 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

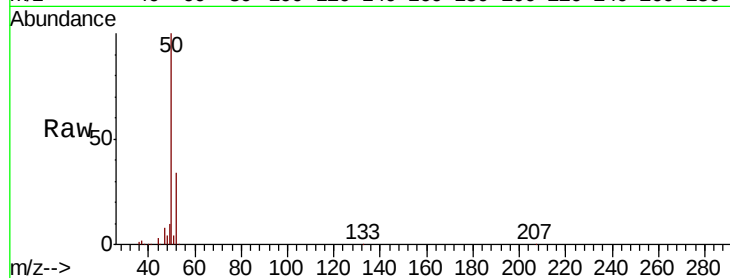
VSTDCCC050EC

Tot Ion: 50 Resp: 94319

Ion Ratio Lower Upper

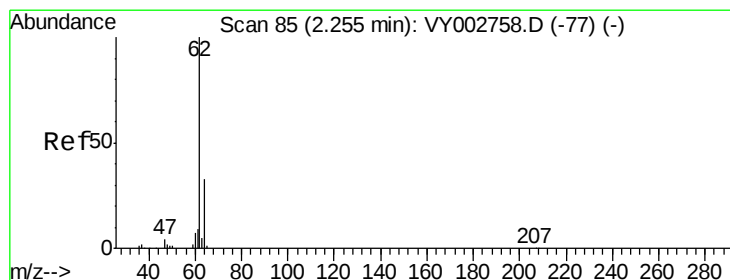
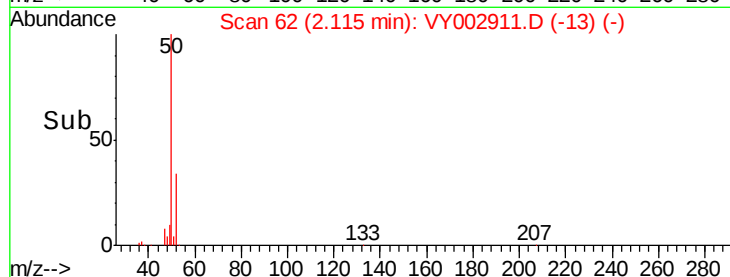
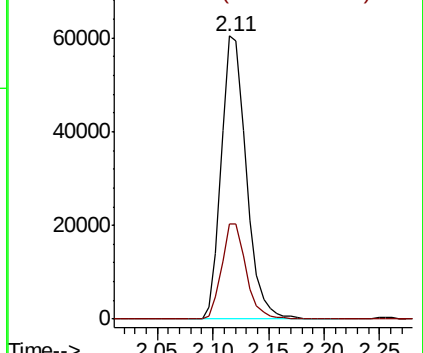
50 100

52 33.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.543 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY002911.D

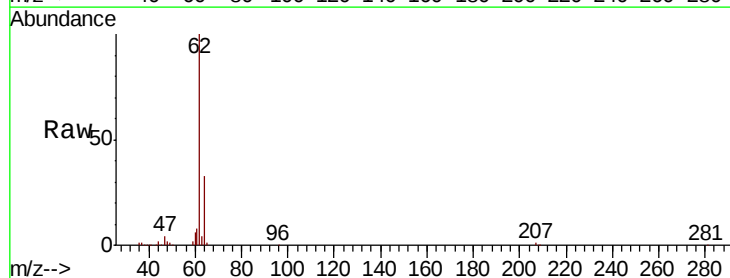
Acq: 16 Jun 2020 16:06

Tgt Ion: 62 Resp: 106389

Ion Ratio Lower Upper

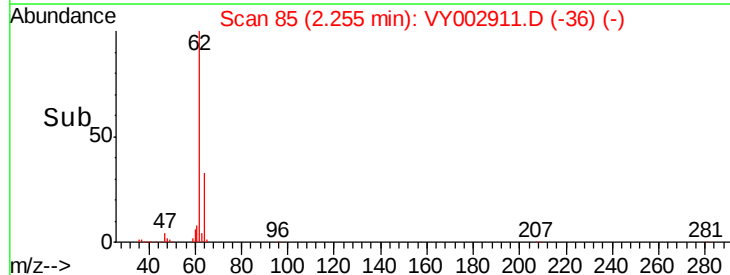
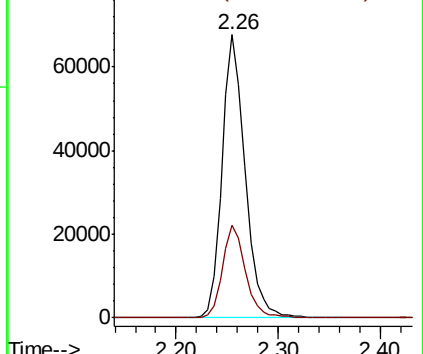
62 100

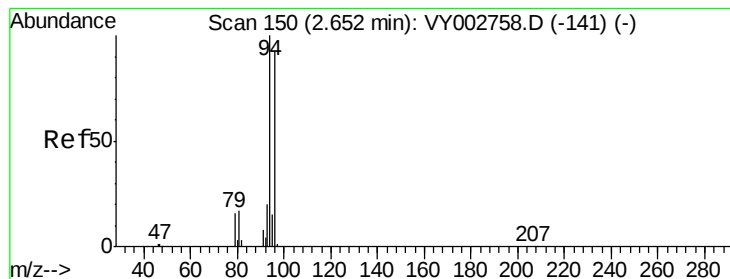
64 32.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 46.076 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

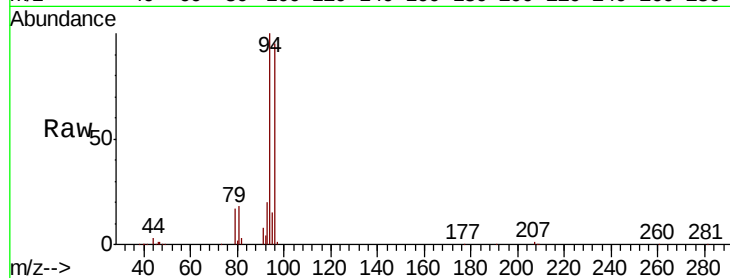
VSTDCCC050EC

Tot Ion: 94 Resp: 77267

Ion Ratio Lower Upper

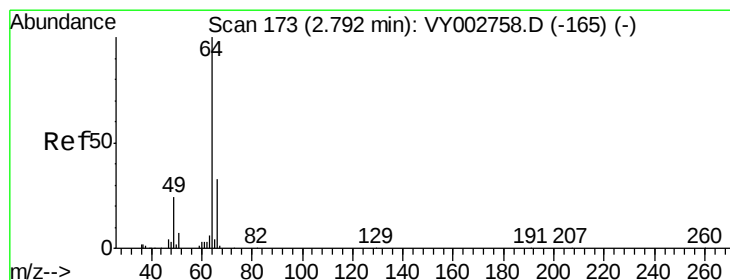
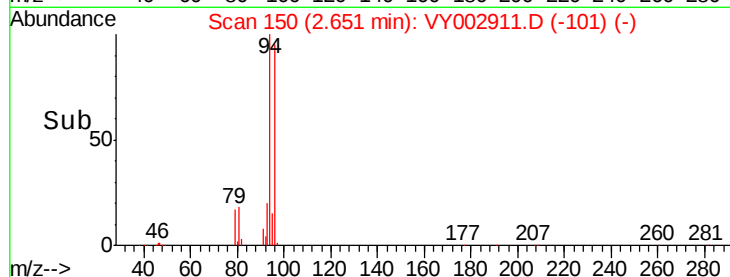
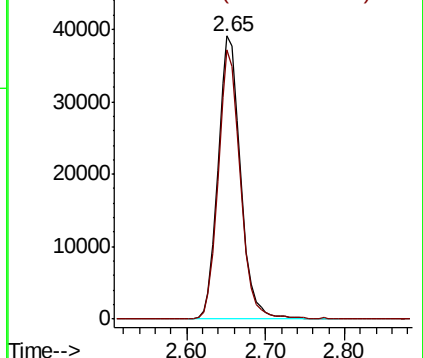
94 100

96 95.1 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: 46.794 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY002911.D

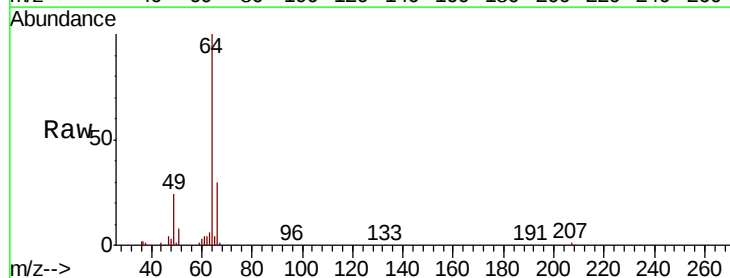
Acq: 16 Jun 2020 16:06

Tgt Ion: 64 Resp: 67881

Ion Ratio Lower Upper

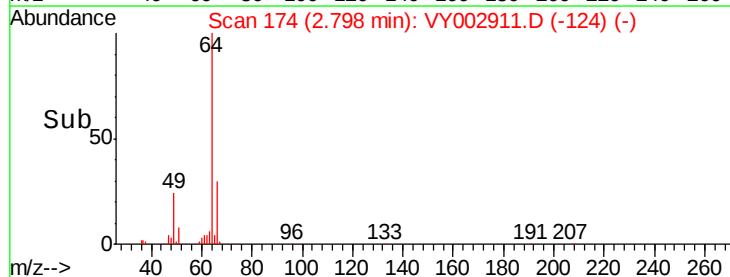
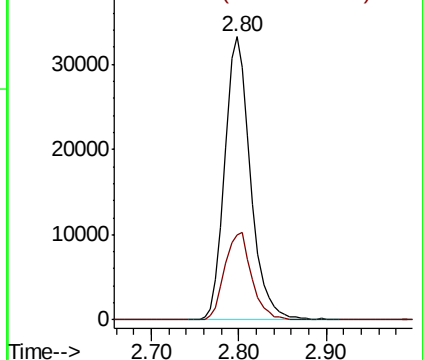
64 100

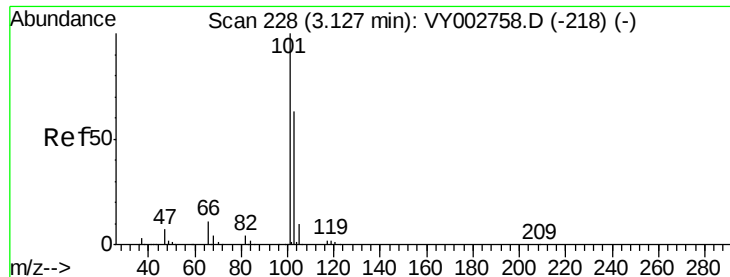
66 29.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



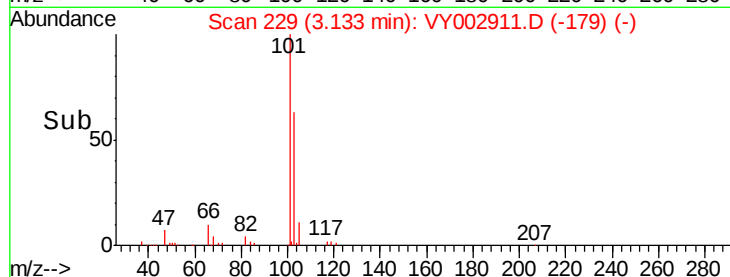
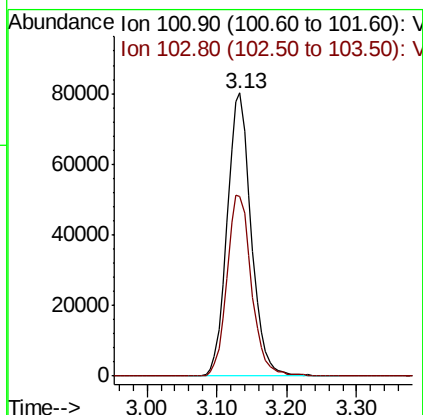
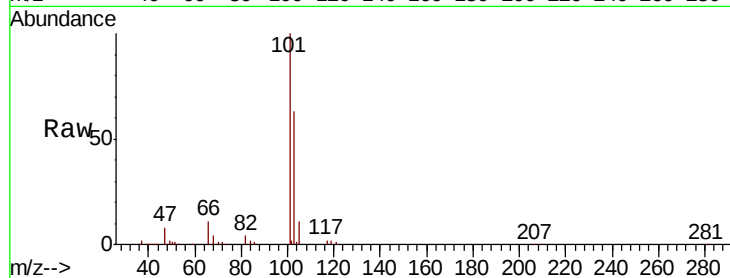


#7

Trichlorofluoromethane
 Concen: 48.120 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

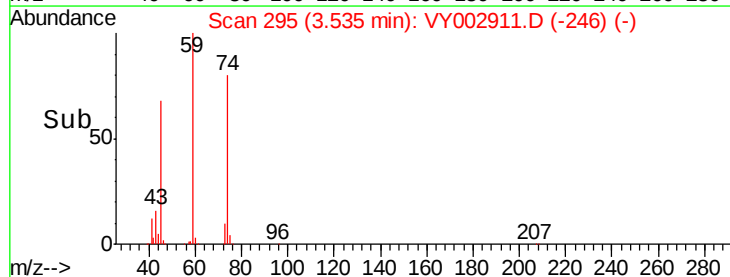
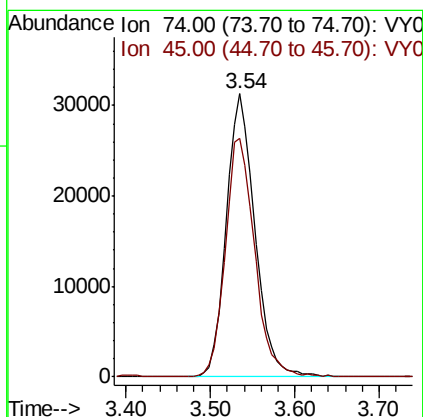
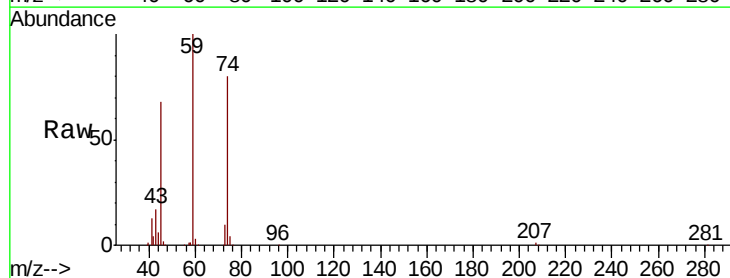
Tot Ion:101 Resp: 190714
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.6 76.0

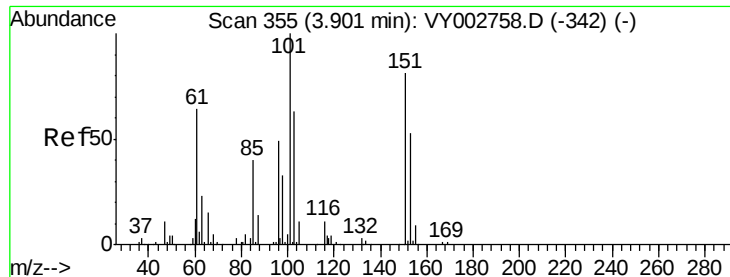


#8

Diethyl Ether
 Concen: 46.745 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion: 74 Resp: 72340
 Ion Ratio Lower Upper
 74 100
 45 86.6 44.0 131.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.360 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

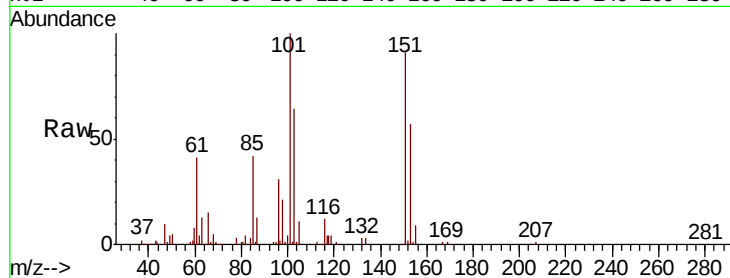
Tot Ion:101 Resp: 118504

Ion Ratio Lower Upper

101 100

85 42.2 32.7 49.1

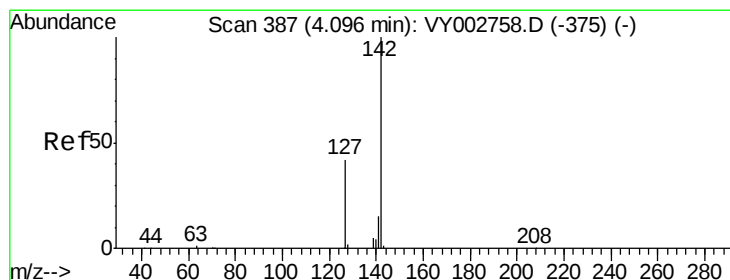
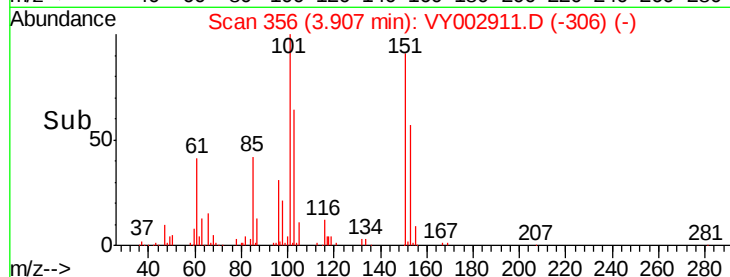
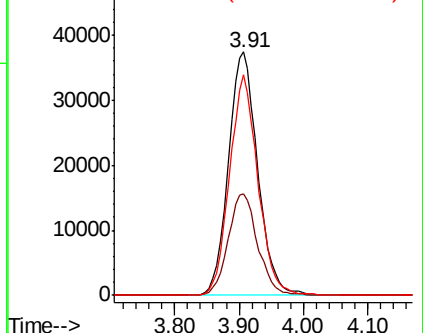
151 87.9 68.0 102.0



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: 47.430 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

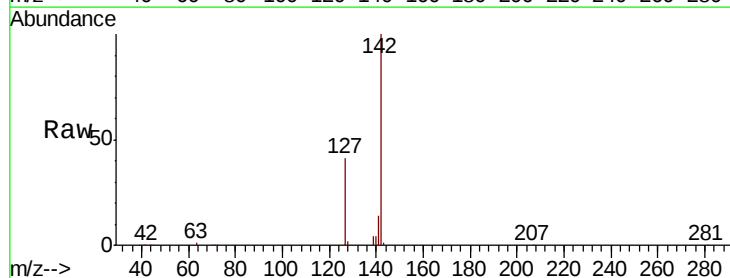
Tgt Ion:142 Resp: 156172

Ion Ratio Lower Upper

142 100

127 42.0 33.3 49.9

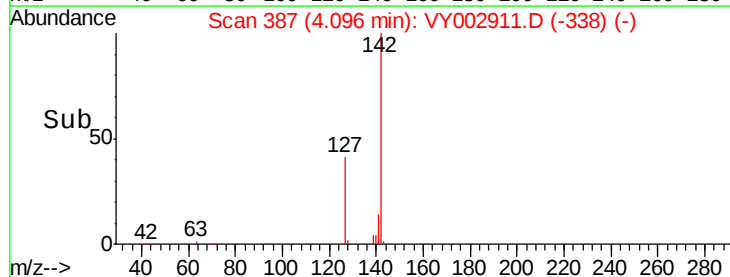
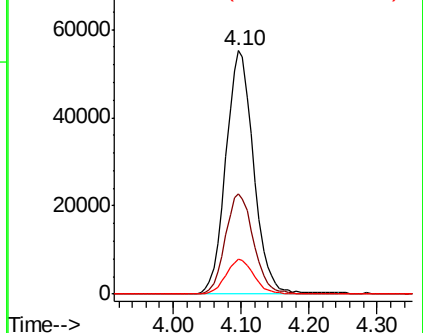
141 14.4 11.5 17.3



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



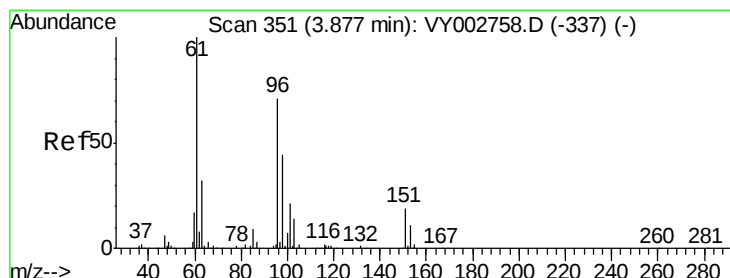
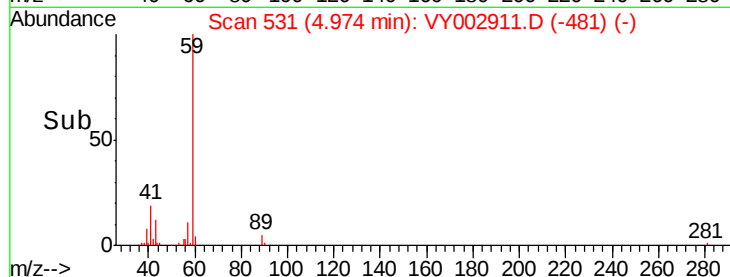
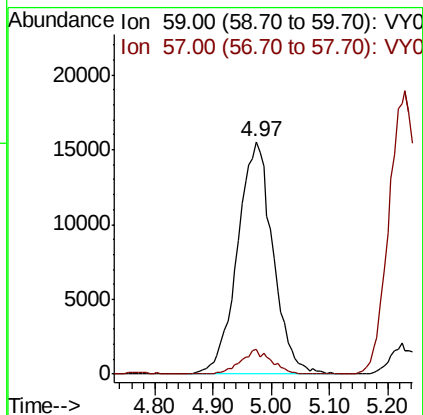
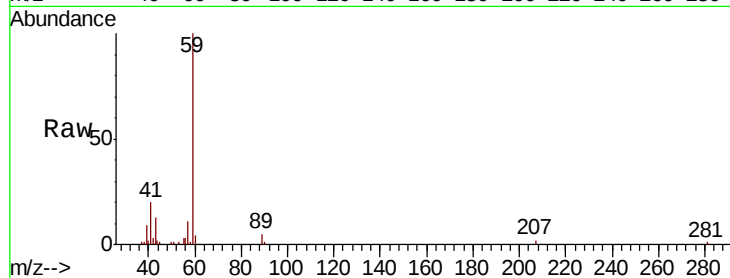


#11

Tert butyl alcohol
 Concen: 252.459 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

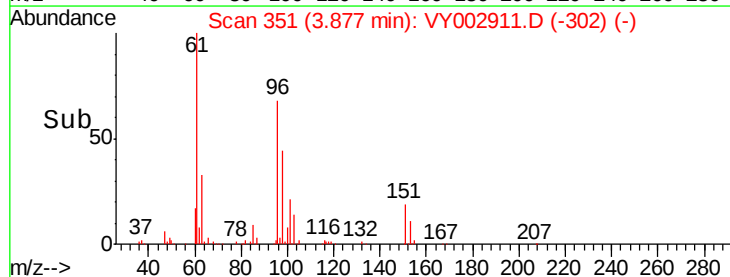
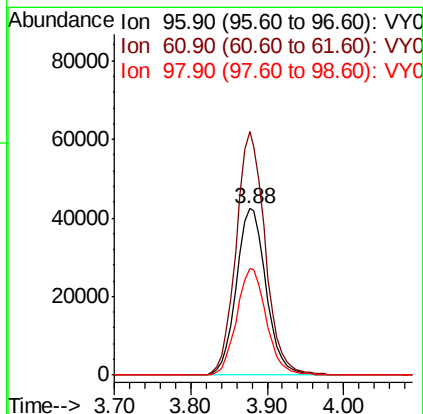
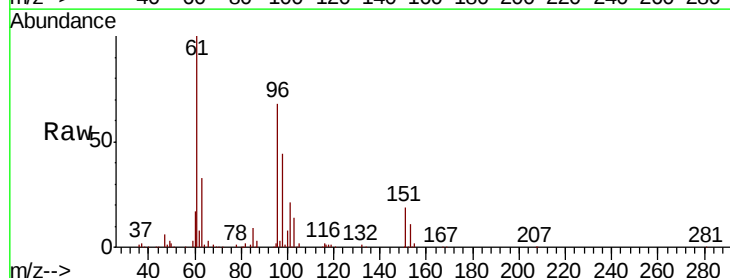
Tot Ion: 59 Resp: 65505
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.7 11.5

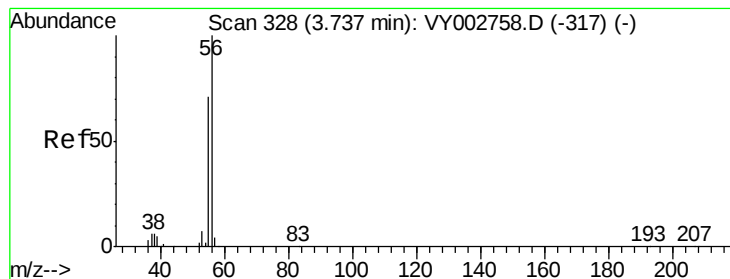


#12

1,1-Dichloroethene
 Concen: 48.354 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion: 96 Resp: 114428
 Ion Ratio Lower Upper
 96 100
 61 146.1 112.6 168.8
 98 64.2 50.0 75.0





#13

Acrolein

Concen: 195.461 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

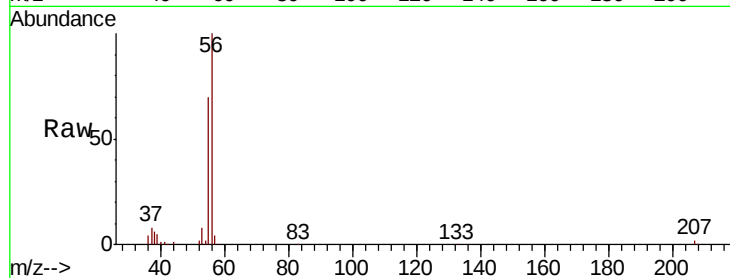
VSTDCCC050EC

Tot Ion: 56 Resp: 55325

Ion Ratio Lower Upper

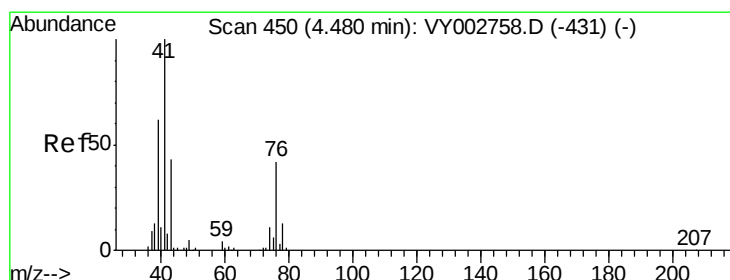
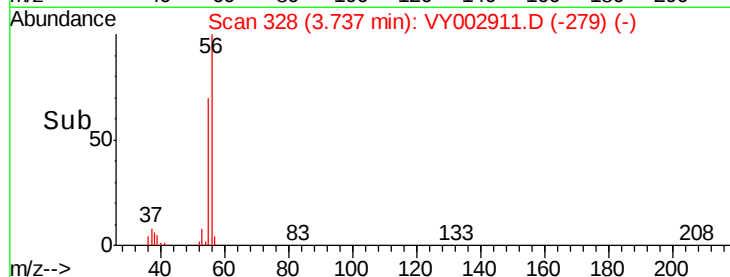
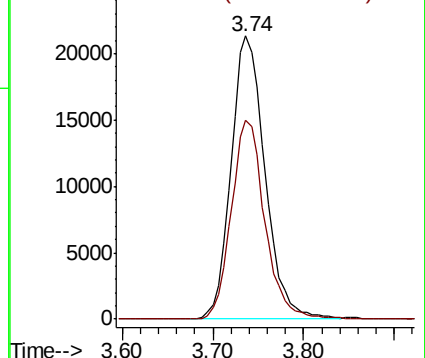
56 100

55 69.2 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.407 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

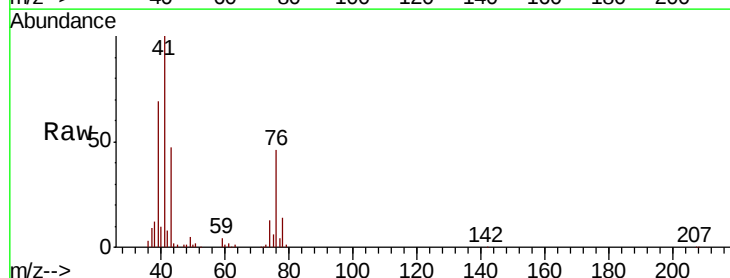
Tgt Ion: 41 Resp: 167689

Ion Ratio Lower Upper

41 100

39 63.5 49.9 74.9

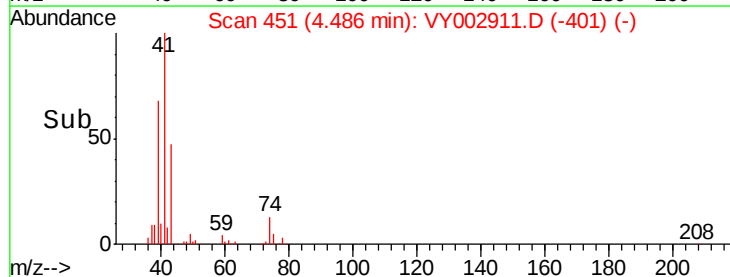
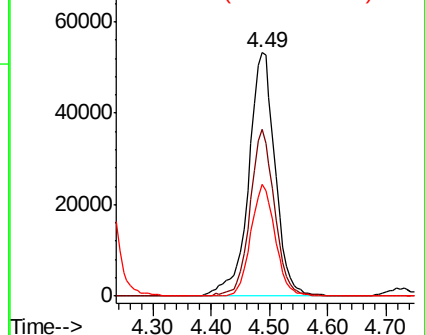
76 42.3 33.2 49.8

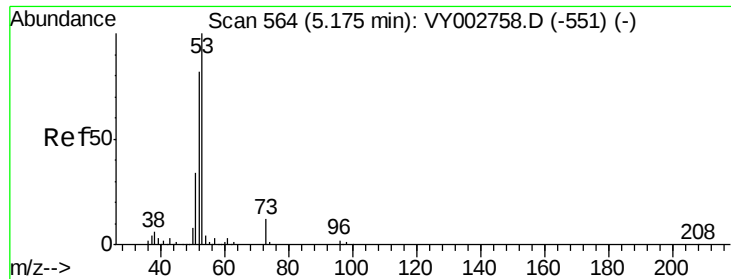


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 257.000 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

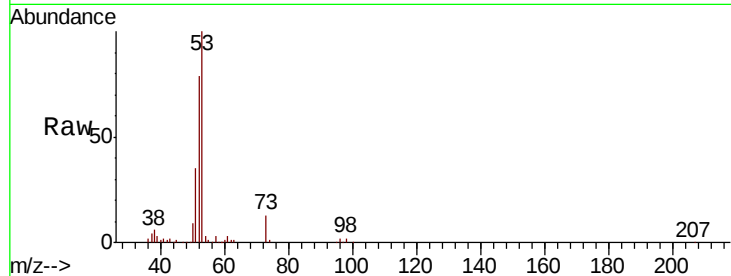
Tot Ion: 53 Resp: 179424

Ion Ratio Lower Upper

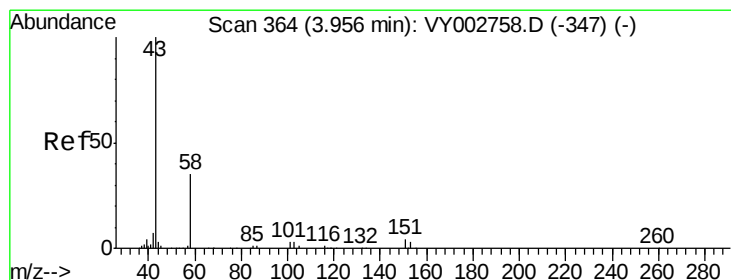
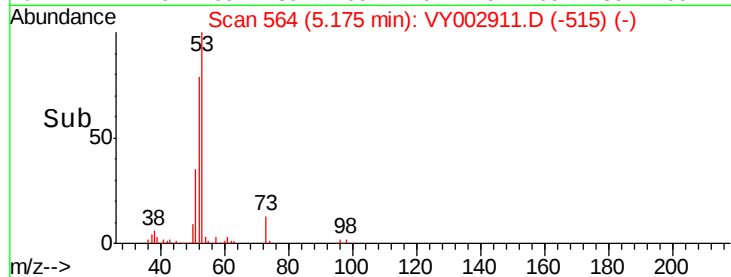
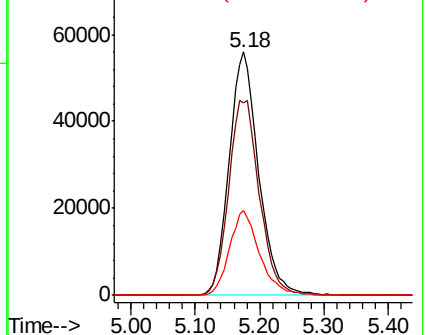
53 100

52 83.3 65.3 97.9

51 35.5 28.0 42.0



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



#16

Acetone

Concen: 276.476 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY002911.D

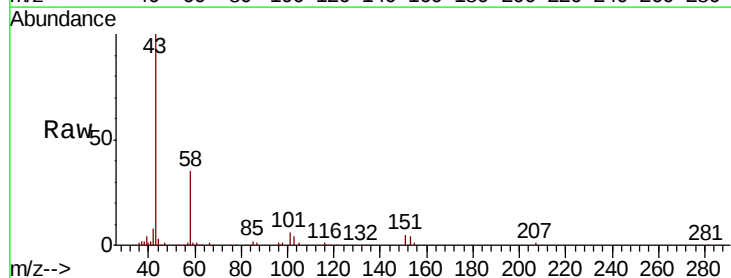
Acq: 16 Jun 2020 16:06

Tgt Ion: 43 Resp: 156586

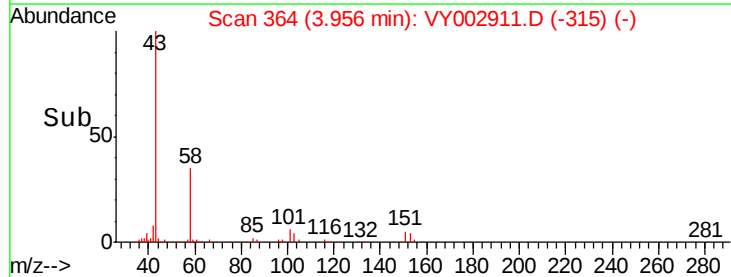
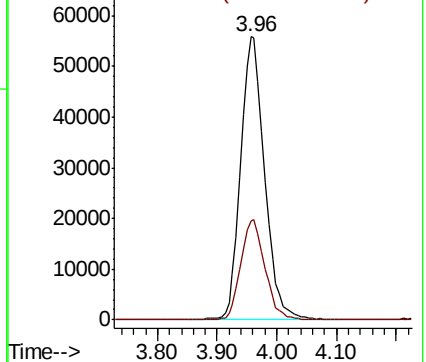
Ion Ratio Lower Upper

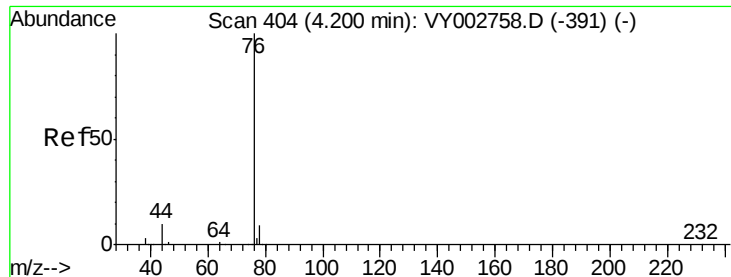
43 100

58 35.1 27.7 41.5



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

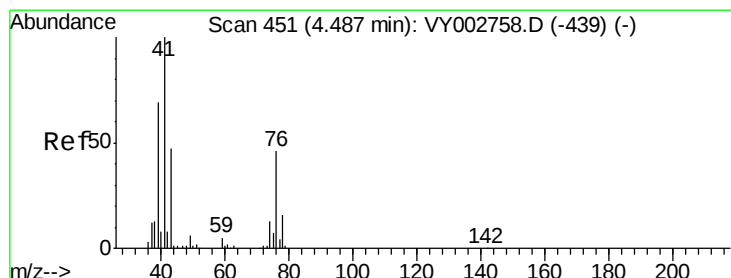
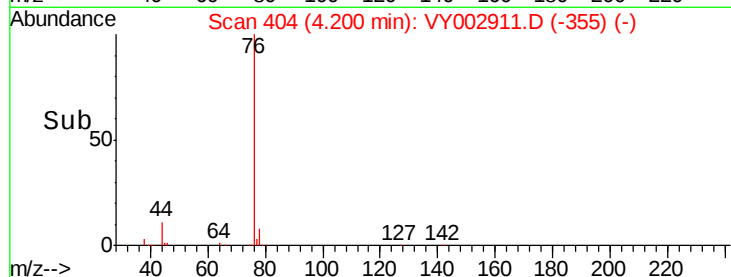
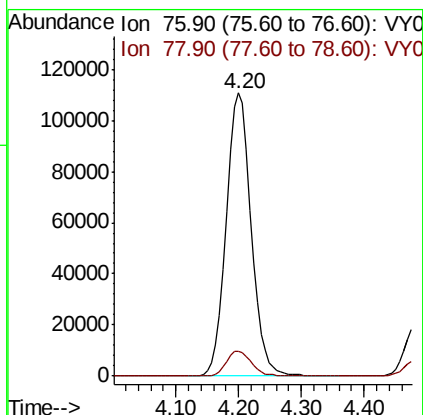
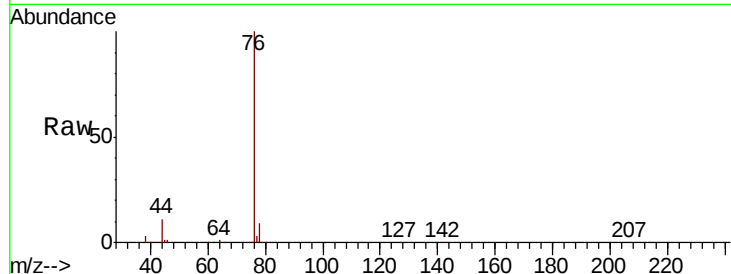




#17
Carbon Disulfide
Concen: 42.585 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

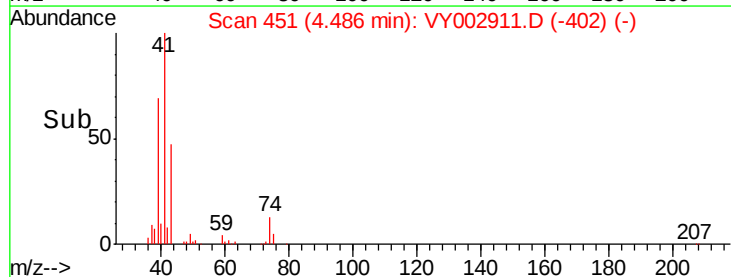
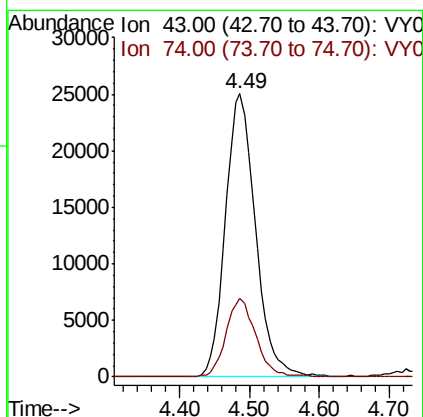
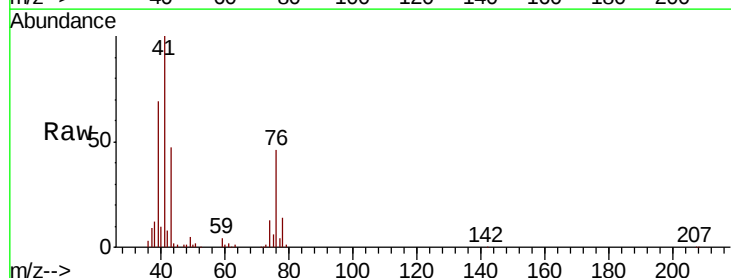
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

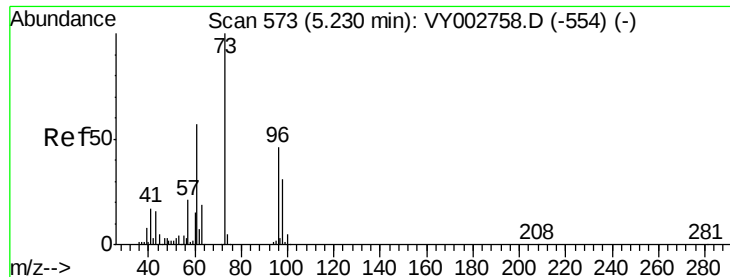
Tot Ion: 76 Resp: 304530
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 52.793 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion: 43 Resp: 74950
Ion Ratio Lower Upper
43 100
74 27.0 21.4 32.0



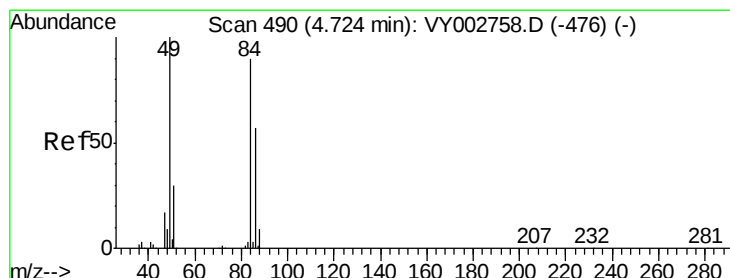
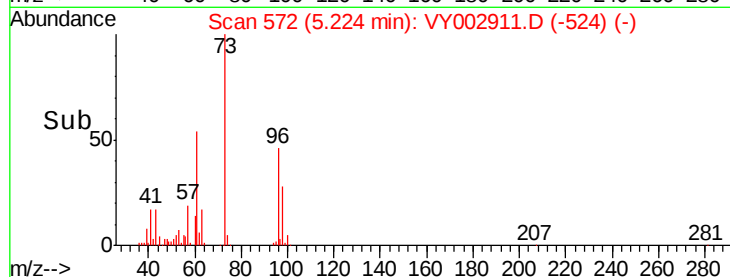
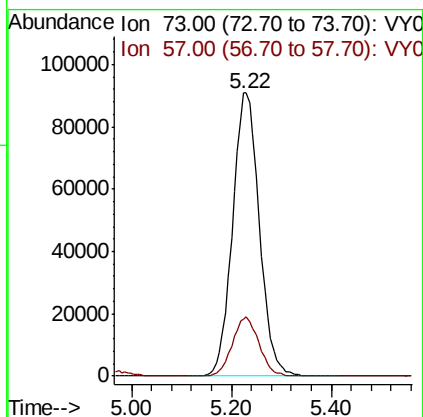
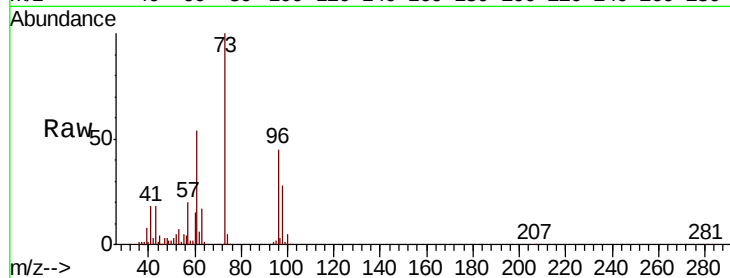


#19

Methyl tert-butyl Ether
 Concen: 51.718 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

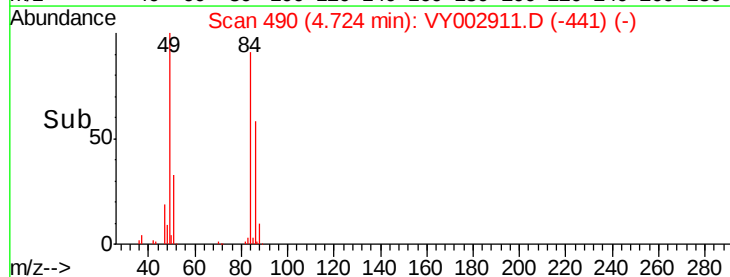
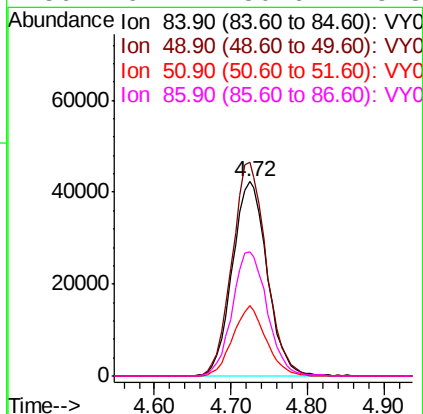
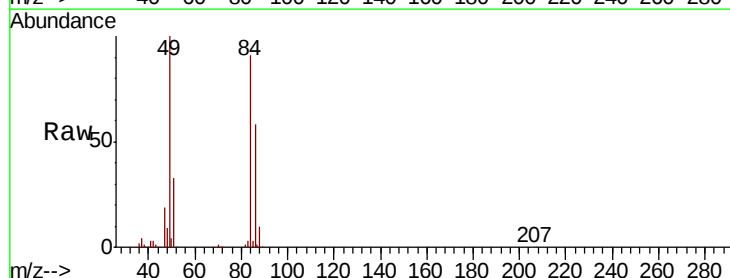
Tot Ion: 73 Resp: 337876
 Ion Ratio Lower Upper
 73 100
 57 19.9 17.0 25.4



#20

Methylene Chloride
 Concen: 48.321 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion: 84 Resp: 133741
 Ion Ratio Lower Upper
 84 100
 49 109.9 88.5 132.7
 51 36.0 26.8 40.2
 86 64.1 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 47.987 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

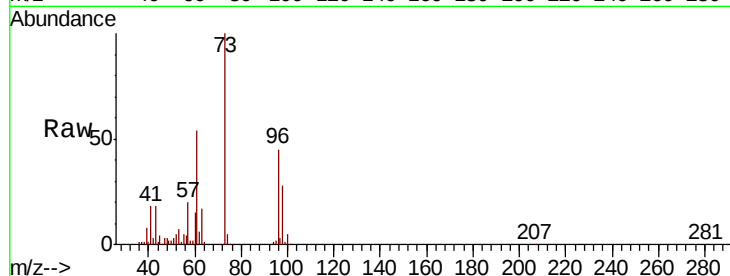
Tot Ion: 96 Resp: 127709

Ion Ratio Lower Upper

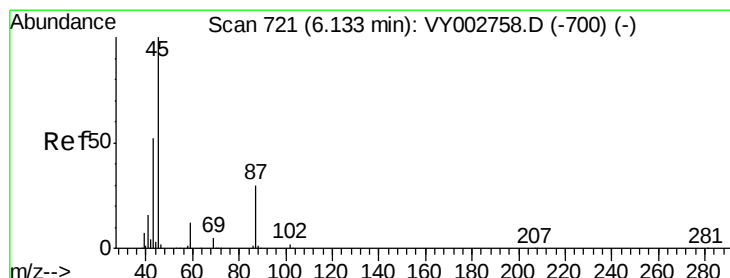
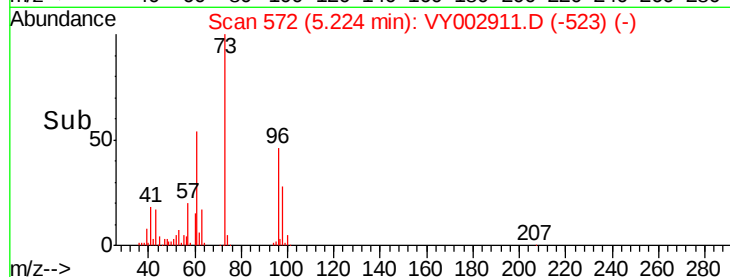
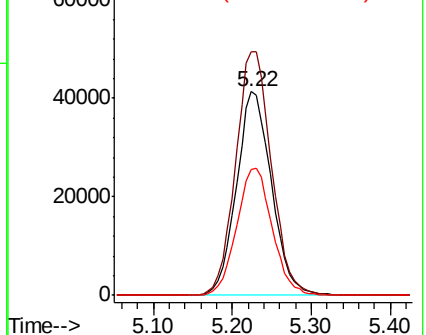
96 100

61 119.7 96.8 145.2

98 61.6 49.4 74.0



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



#22

Diisopropyl ether

Concen: 51.013 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Tgt Ion: 45 Resp: 359797

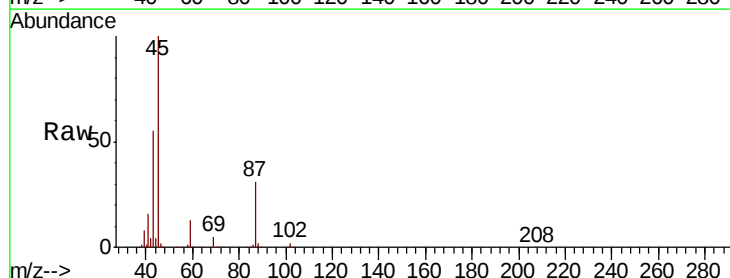
Ion Ratio Lower Upper

45 100

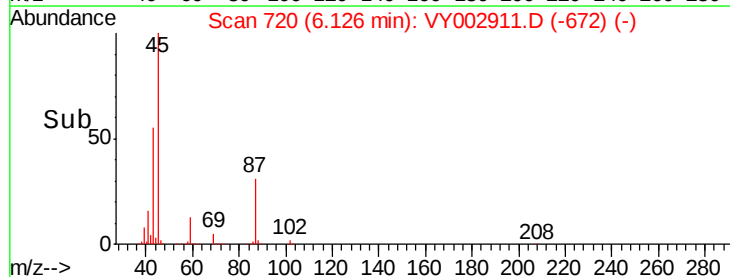
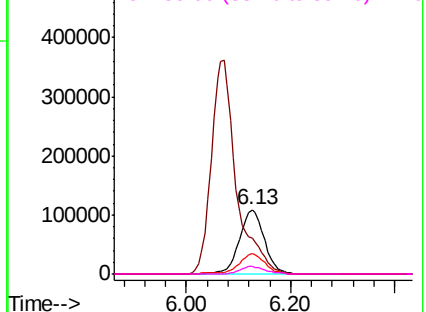
43 55.1 41.7 62.5

87 31.2 24.2 36.2

59 12.5 9.8 14.8



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





#23

Vinyl Acetate

Concen: 259.529 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

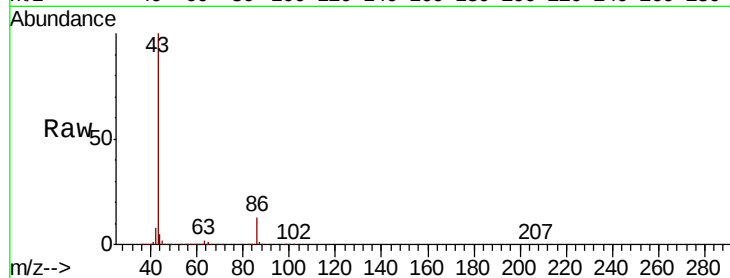
VSTDCCC050EC

Tot Ion: 43 Resp: 1208521

Ion Ratio Lower Upper

43 100

86 12.8 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

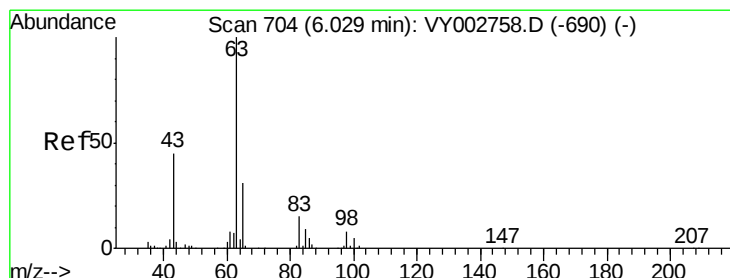
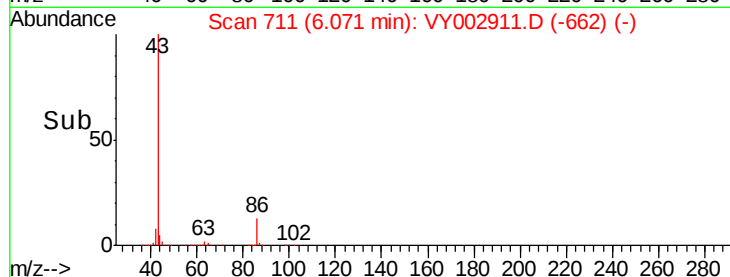
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.175 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

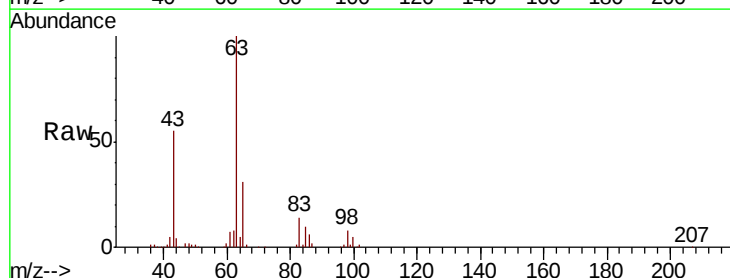
Tgt Ion: 63 Resp: 211141

Ion Ratio Lower Upper

63 100

98 7.7 4.0 12.2

100 5.3 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

6.03

80000

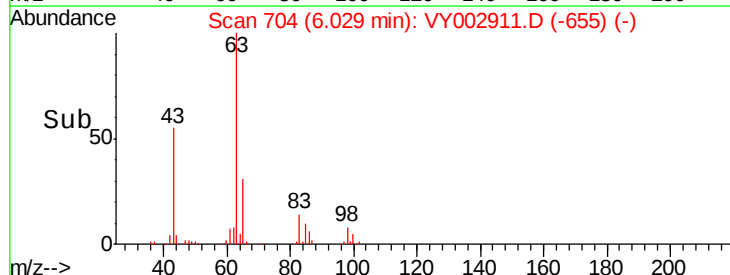
60000

40000

20000

0

Time-->

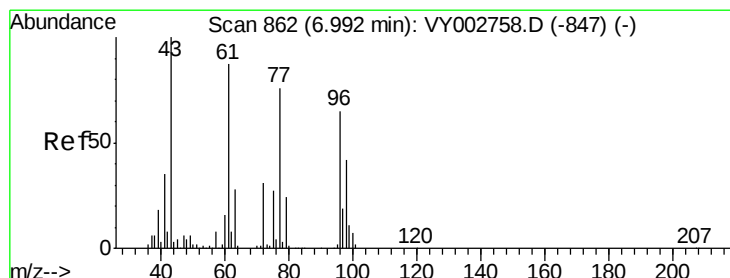
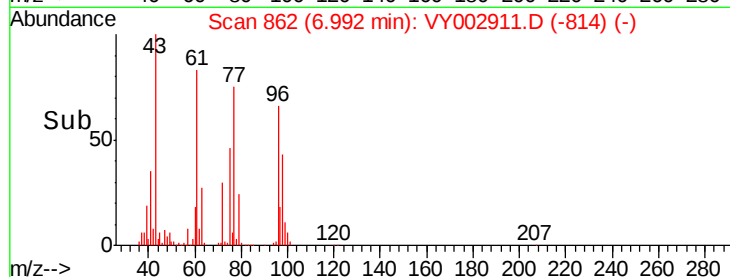
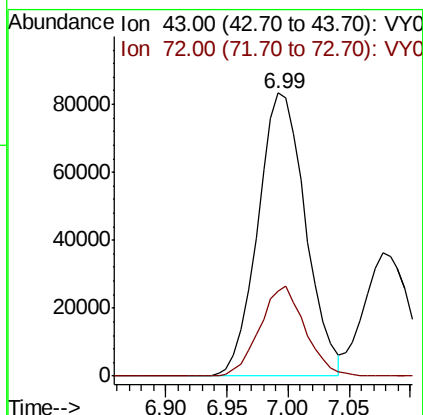
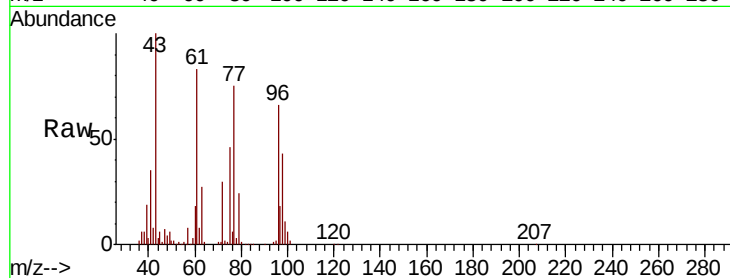




#25
2-Butanone
Concen: 256.132 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

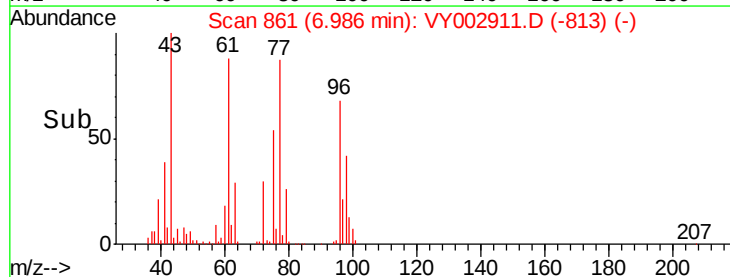
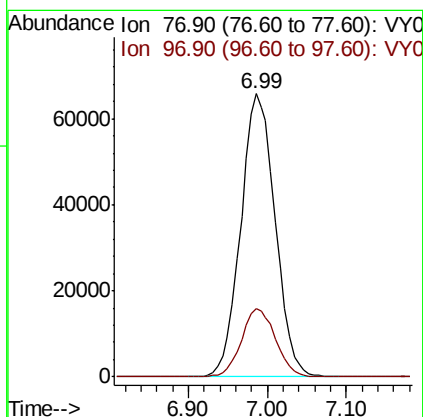
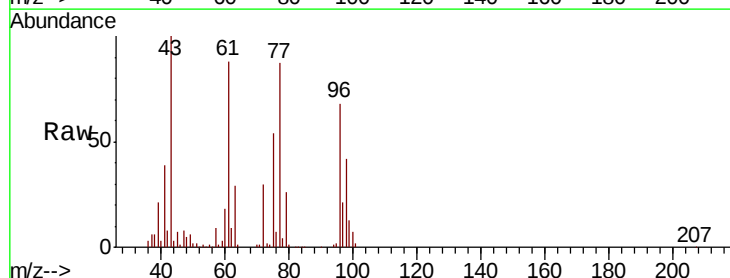
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 226009
Ion Ratio Lower Upper
43 100
72 30.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 50.346 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion: 77 Resp: 199216
Ion Ratio Lower Upper
77 100
97 24.0 12.2 36.6



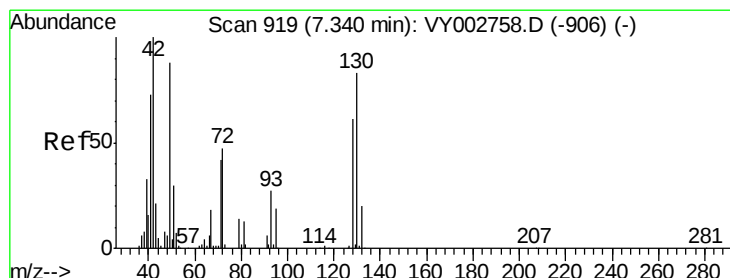
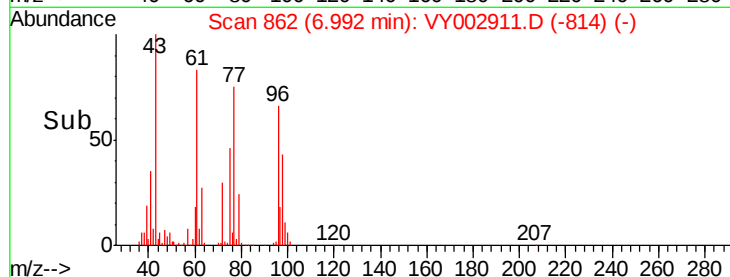
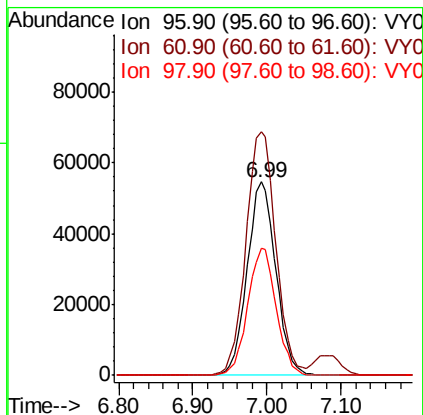
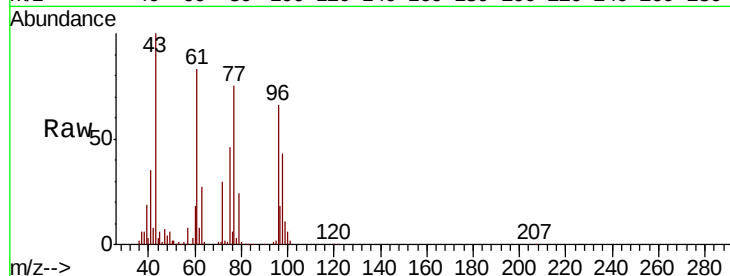


#27

cis-1,2-Dichloroethene
 Concen: 49.634 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

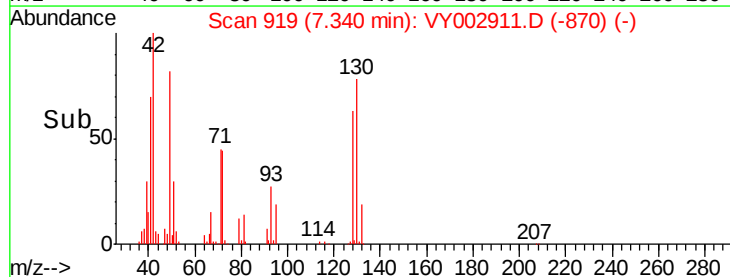
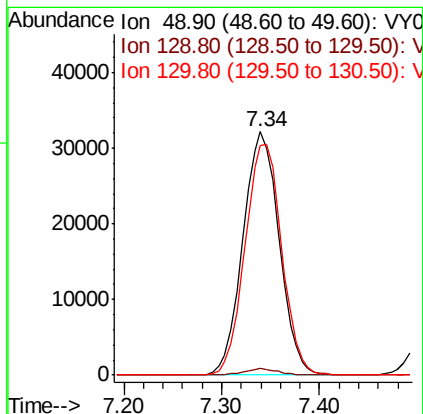
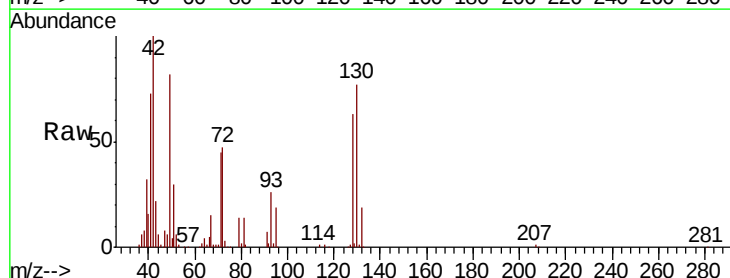
Tot Ion	96	Resp	147872
Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	260.2
98	65.1	0.0	128.2

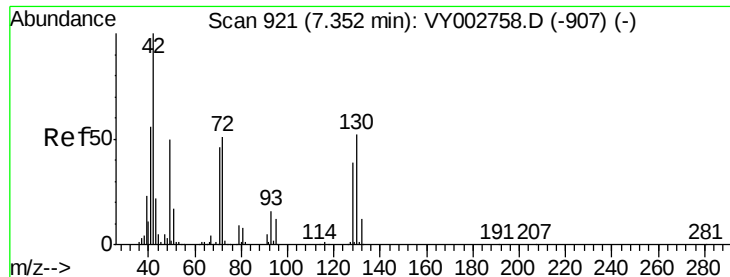


#28

Bromochloromethane
 Concen: 48.847 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion	49	Resp	82734
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	96.0	77.1	115.7





#29

Tetrahydrofuran

Concen: 248.662 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

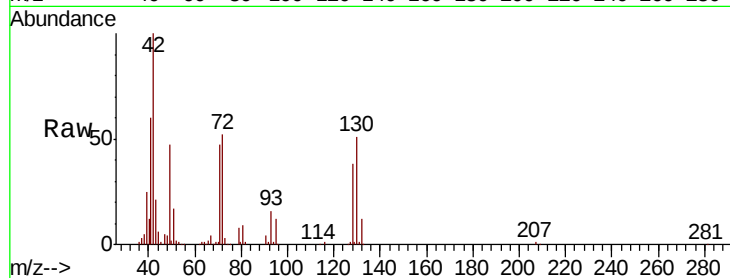
Tot Ion: 42 Resp: 142723

Ion Ratio Lower Upper

42 100

72 49.9 38.6 58.0

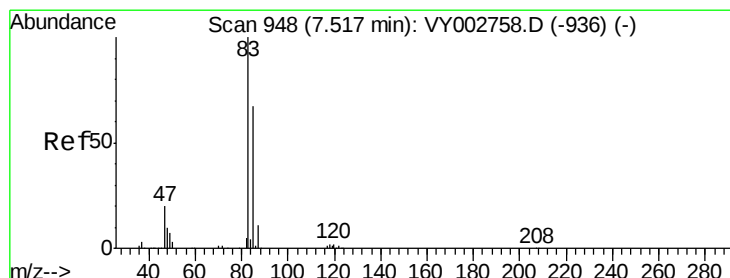
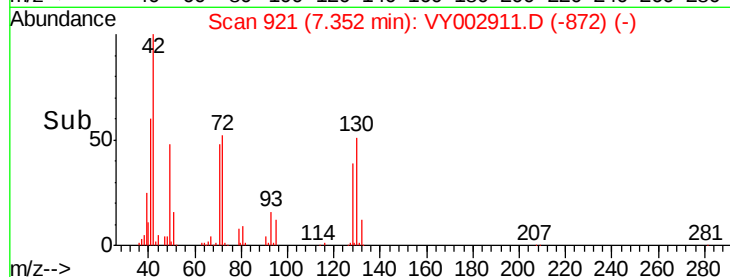
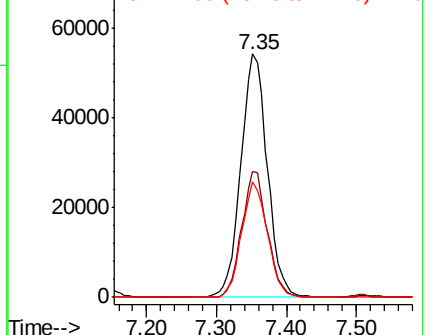
71 46.0 35.8 53.8



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: 51.968 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY002911.D

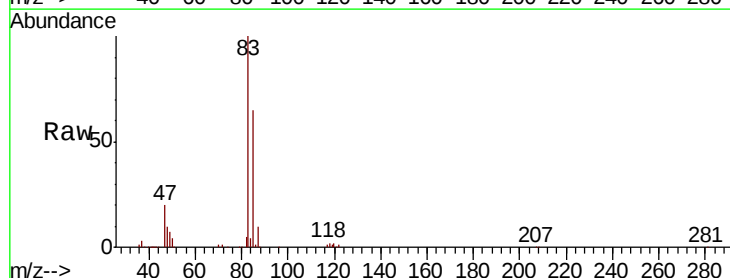
Acq: 16 Jun 2020 16:06

Tgt Ion: 83 Resp: 227523

Ion Ratio Lower Upper

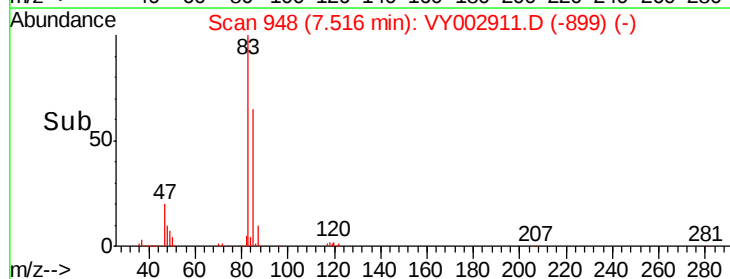
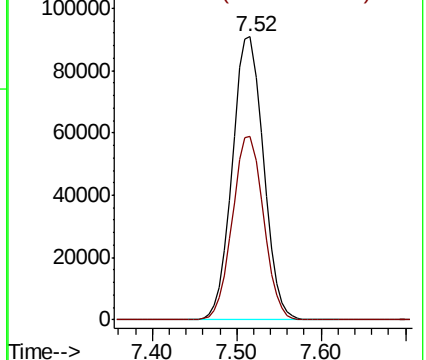
83 100

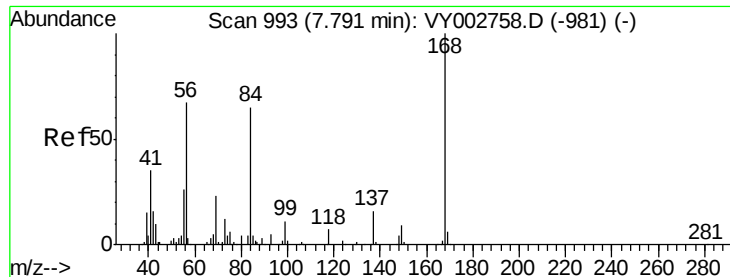
85 65.0 53.8 80.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

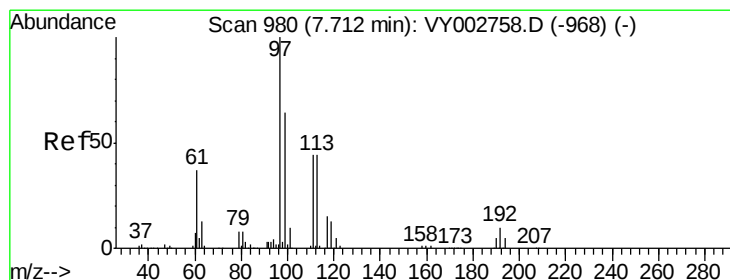
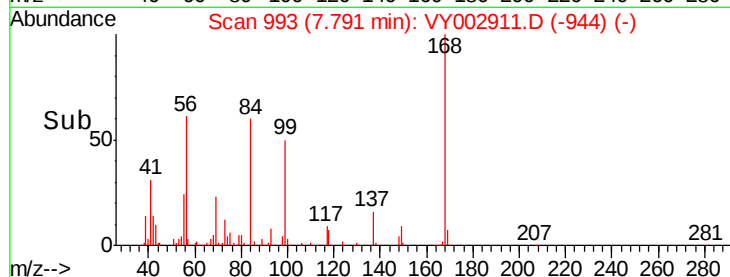
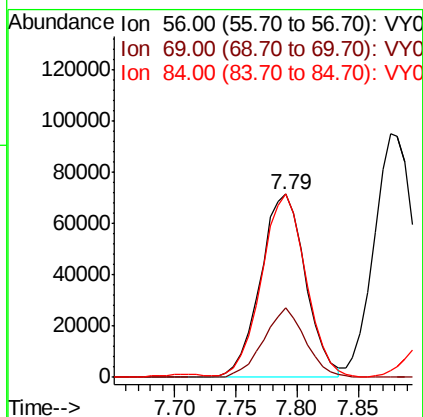
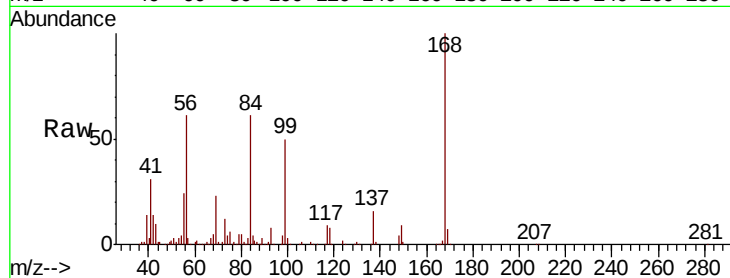




#31
Cyclohexane
Concen: 44.721 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

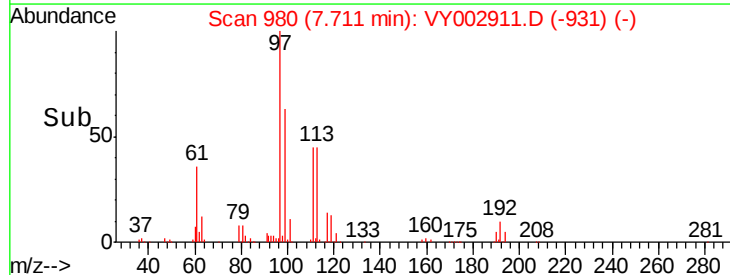
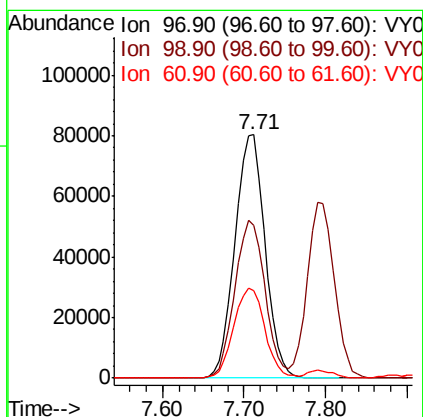
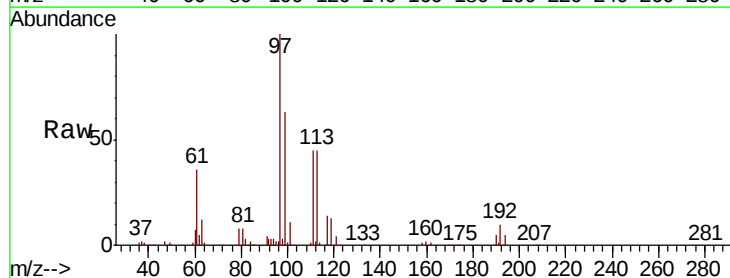
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

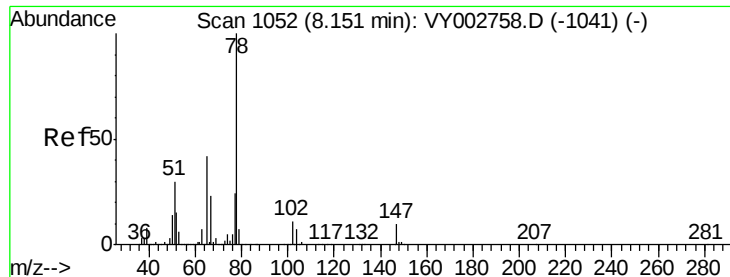
Tot Ion: 56 Resp: 183196
Ion Ratio Lower Upper
56 100
69 38.2 28.0 42.0
84 98.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 50.490 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion: 97 Resp: 205988
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 38.2 30.1 45.1





#33

1,2-Dichloroethane-d4

Concen: 47.811 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

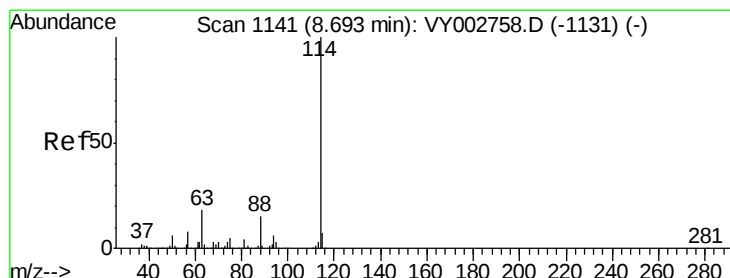
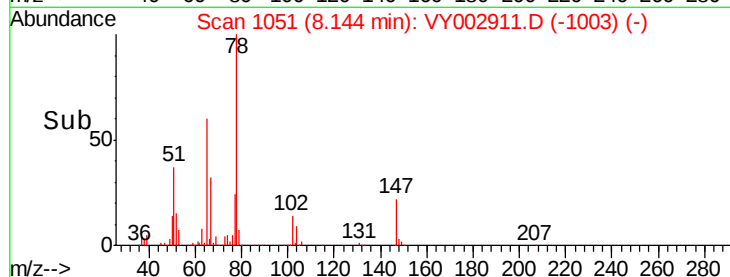
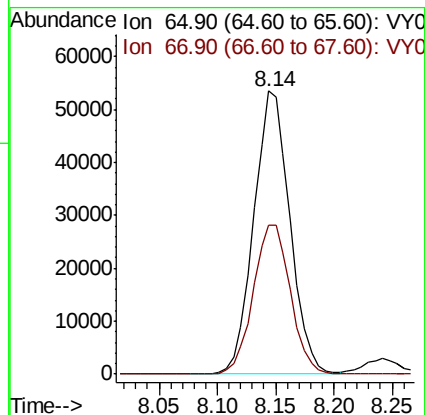
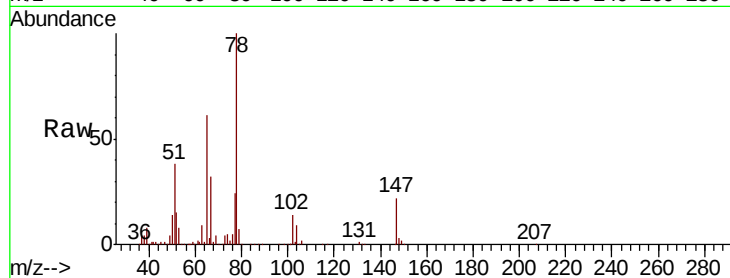
VSTDCCC050EC

Tot Ion: 65 Resp: 115480

Ion Ratio Lower Upper

65 100

67 54.4 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: VY002911.D

Acq: 16 Jun 2020 16:06

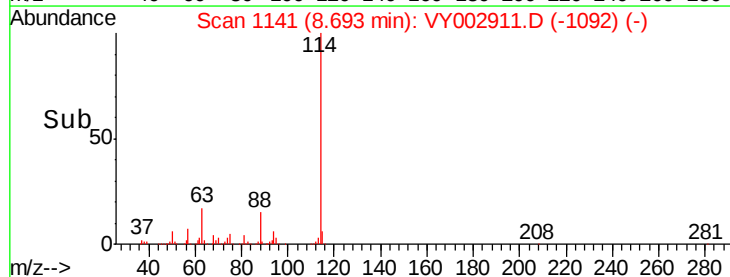
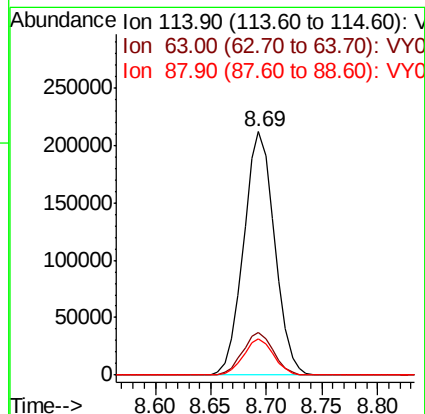
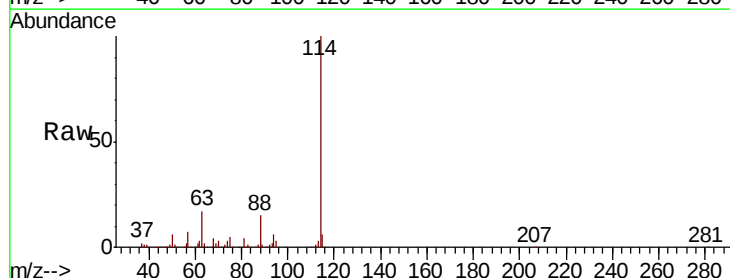
Tgt Ion: 114 Resp: 409686

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

88 14.7 0.0 29.2

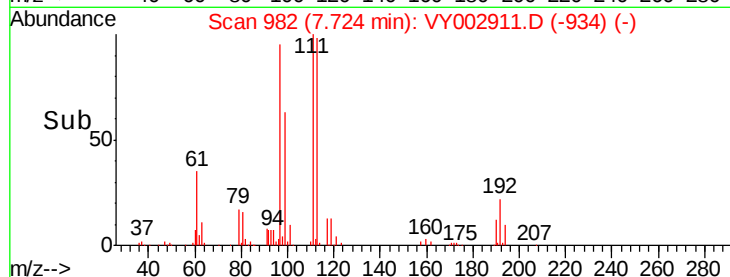
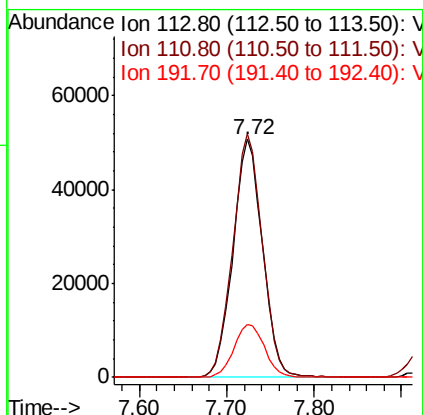
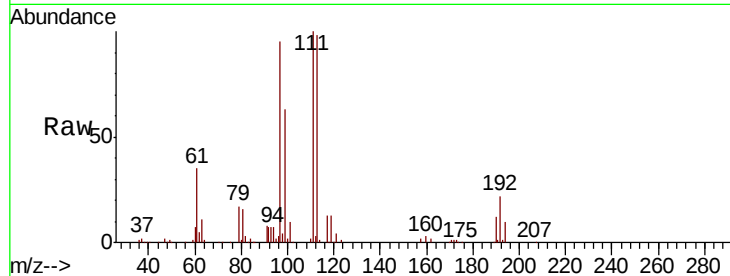




#35
 Dibromofluoromethane
 Concen: 49.498 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

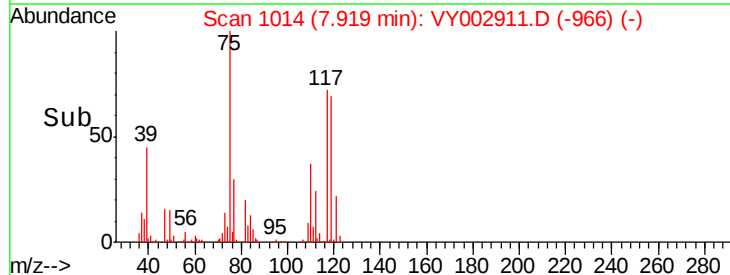
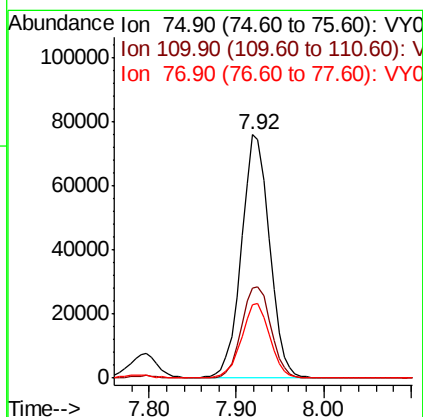
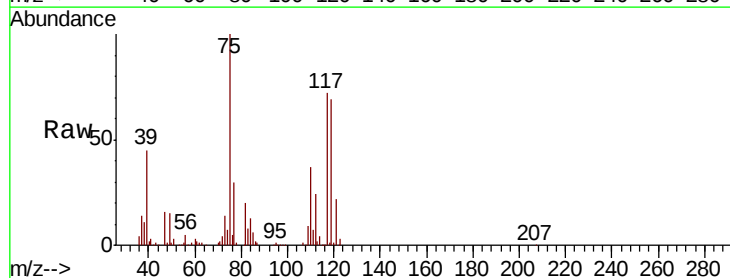
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

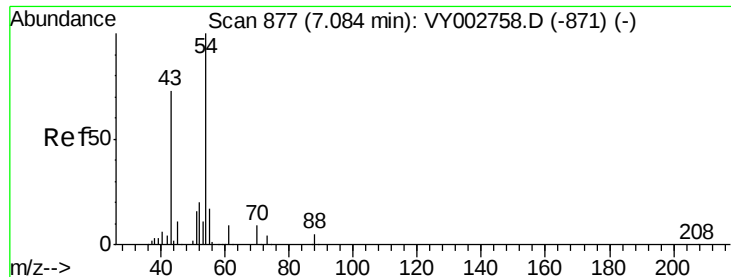
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	22.9	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 49.337 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.3	57.9
77	30.9	24.8	37.2

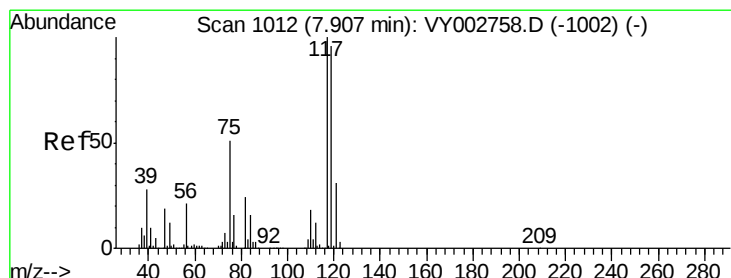
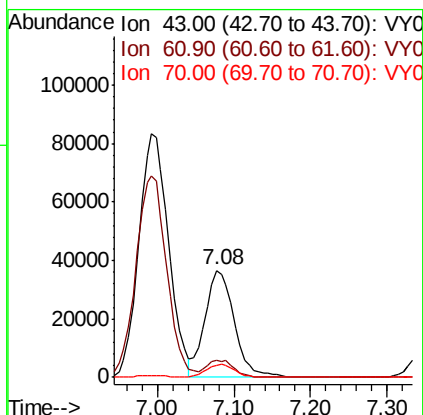
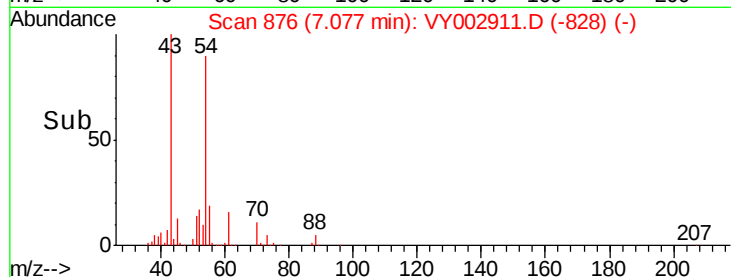
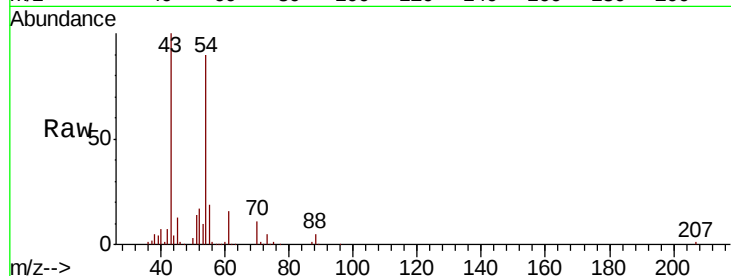




#37
Ethyl Acetate
Concen: 52.012 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

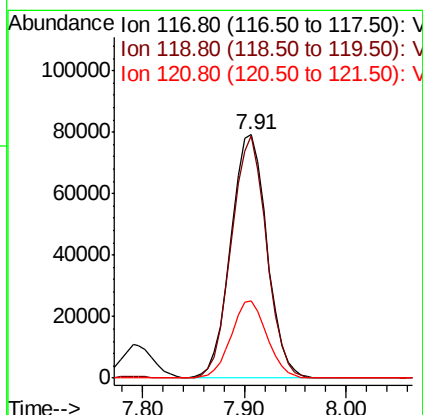
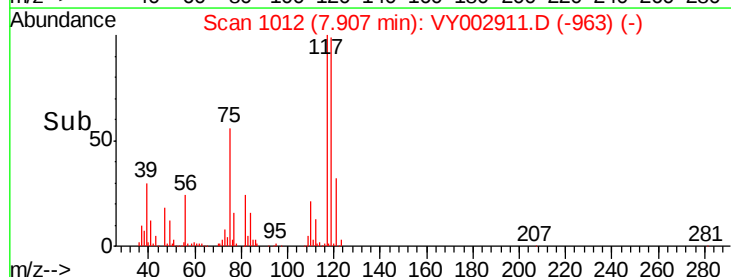
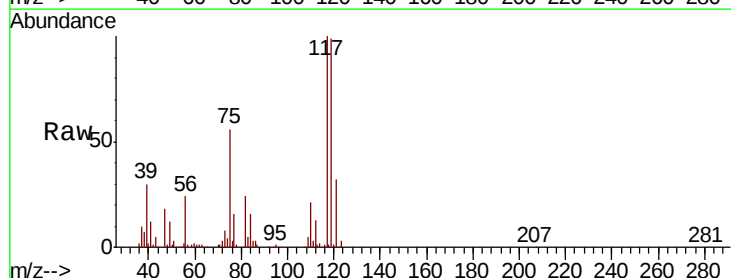
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

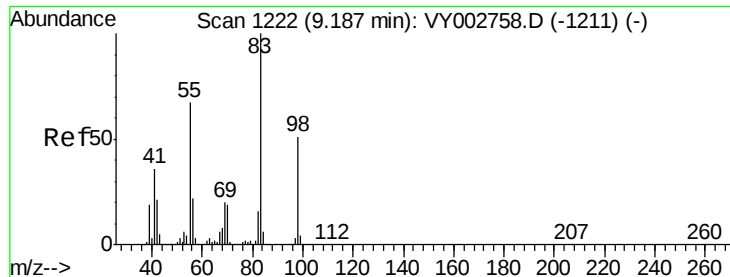
Tot Ion: 43 Resp: 97661
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 50.951 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion: 117 Resp: 195336
Ion Ratio Lower Upper
117 100
119 99.4 76.8 115.2
121 31.7 24.8 37.2

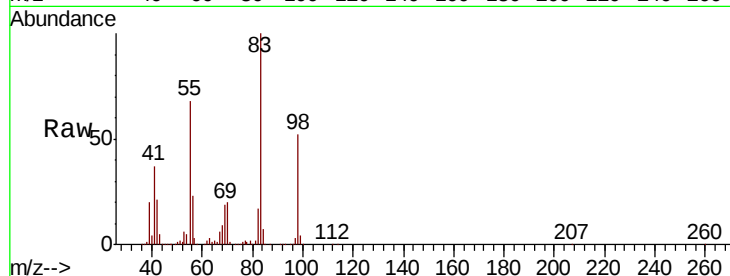




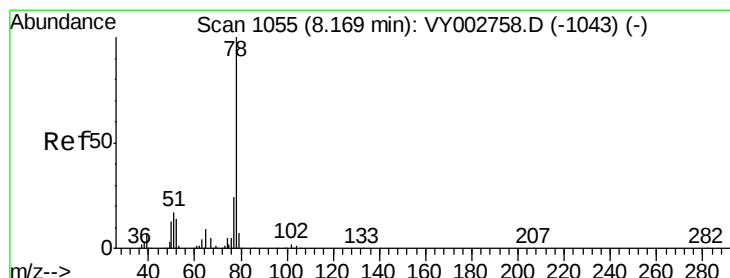
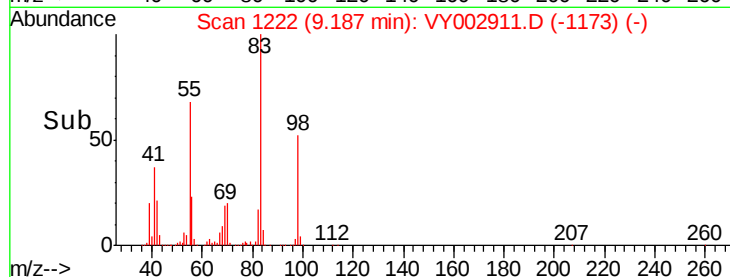
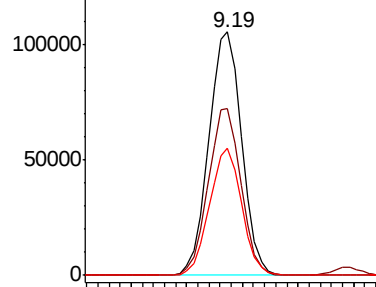
#39
Methvlcvclohexane
Concen: 47.435 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 215777
Ion Ratio Lower Upper
83 100
55 68.3 53.3 79.9
98 52.3 41.1 61.7

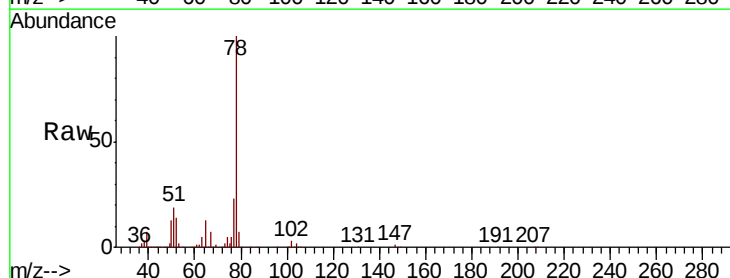


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

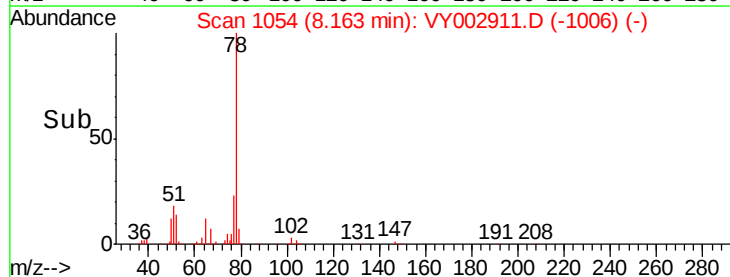
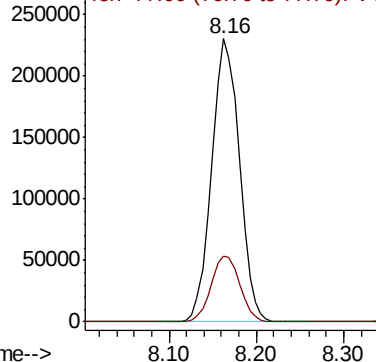


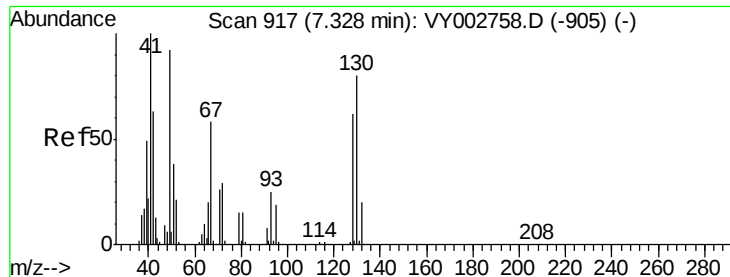
#40
Benzene
Concen: 49.873 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion: 78 Resp: 508569
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



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

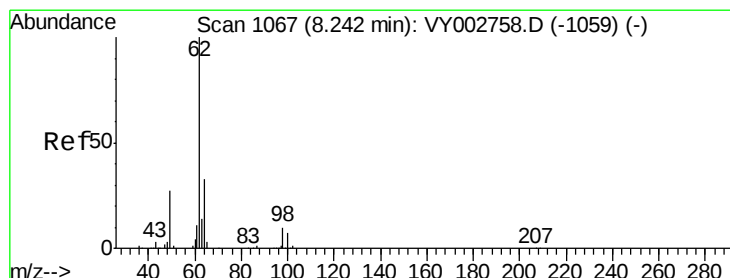
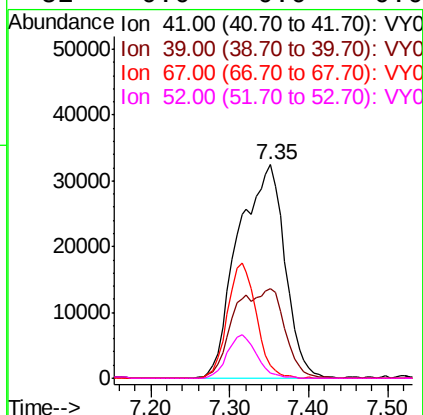
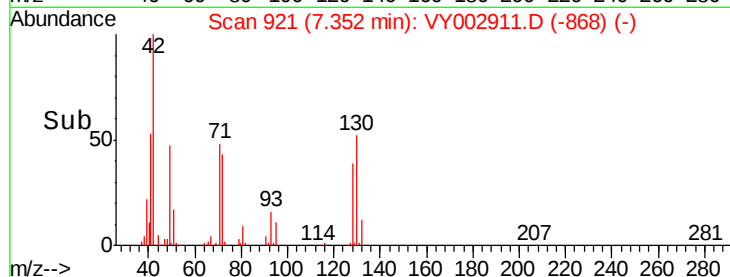
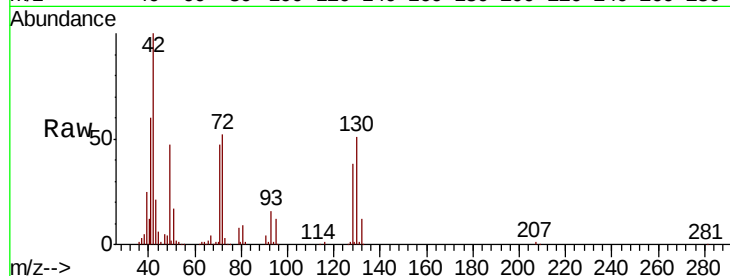




#41
Methacrylonitrile
Concen: 132.564 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

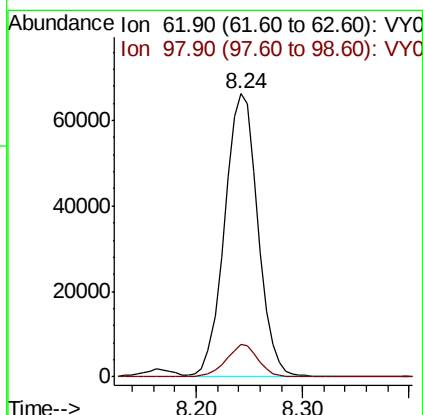
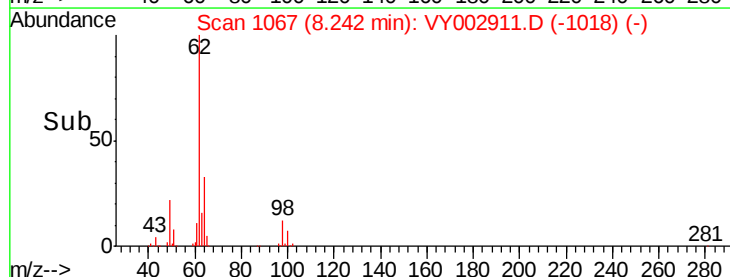
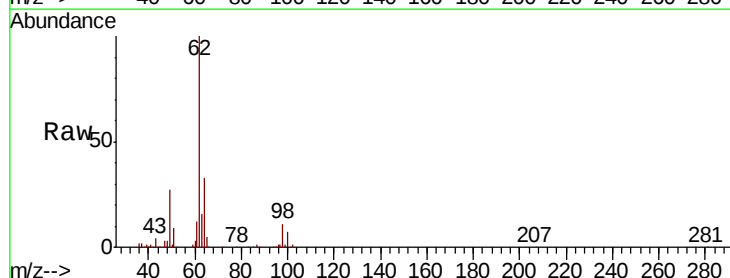
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

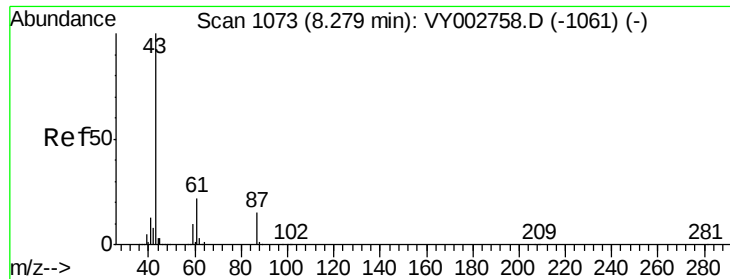
Tot Ion:	41	Resp:	133720
Ion	Ratio	Lower	Upper
41	100		
39	0.0	97.6	146.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.591 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion:	62	Resp:	144581
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.6





#43

Isopropyl Acetate

Concen: 51.766 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

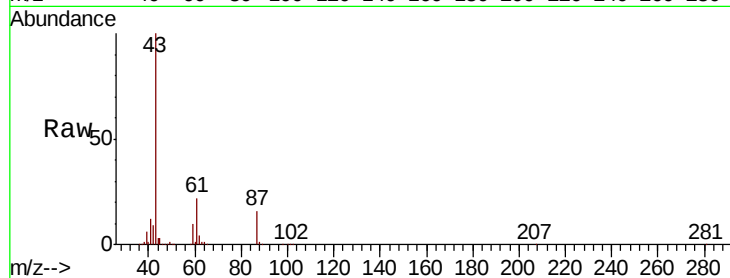
Tot Ion: 43 Resp: 184192

Ion Ratio Lower Upper

43 100

61 30.8 24.8 37.2

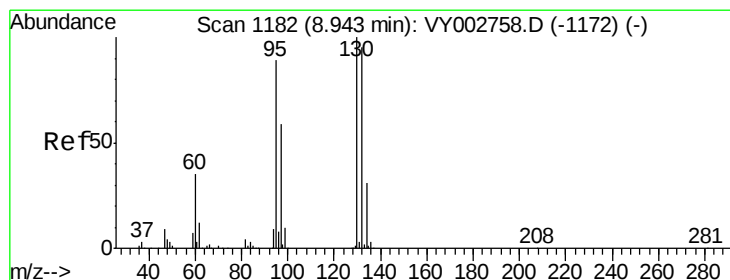
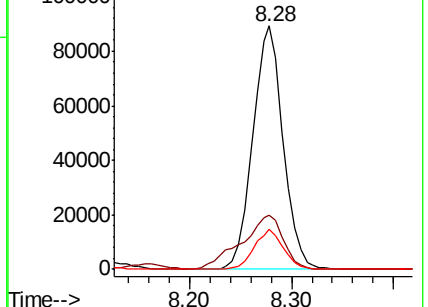
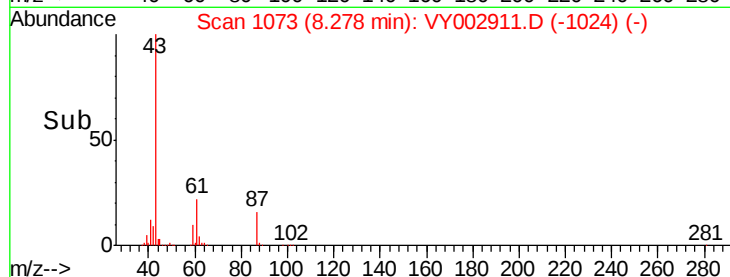
87 15.9 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VY002911.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY002911.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY002911.D (-1024) (-)



#44

Trichloroethene

Concen: 49.333 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY002911.D

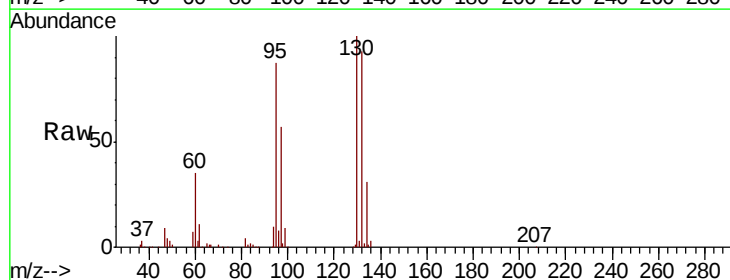
Acq: 16 Jun 2020 16:06

Tgt Ion: 130 Resp: 158902

Ion Ratio Lower Upper

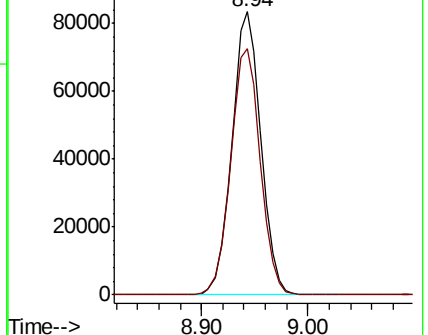
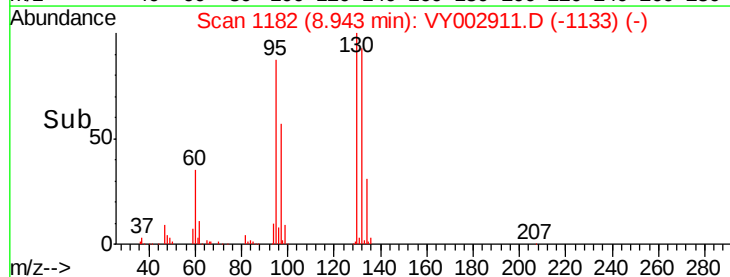
130 100

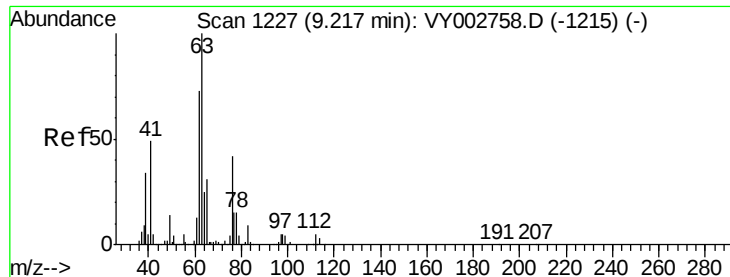
95 86.9 0.0 178.8



Abundance Ion 129.80 (129.50 to 130.50): VY002911.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY002911.D (-1133) (-)

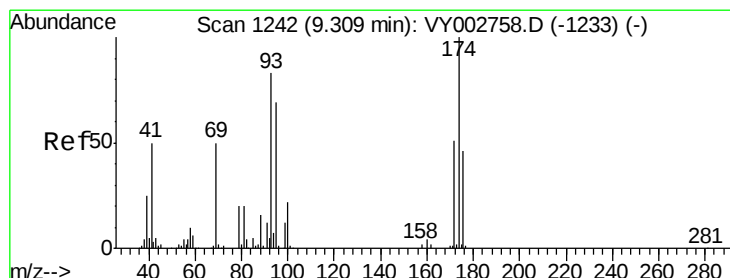
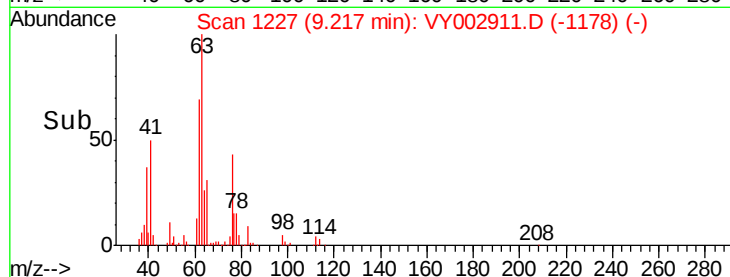
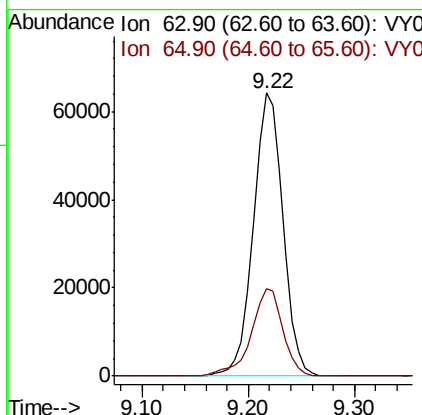
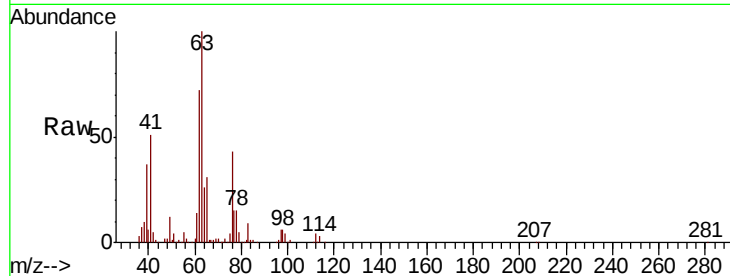




#45
 1,2-Dichloropropane
 Concen: 51.235 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

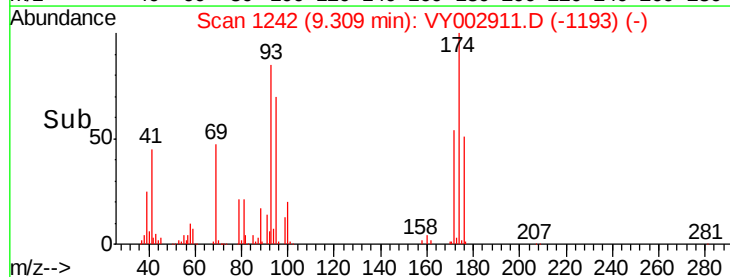
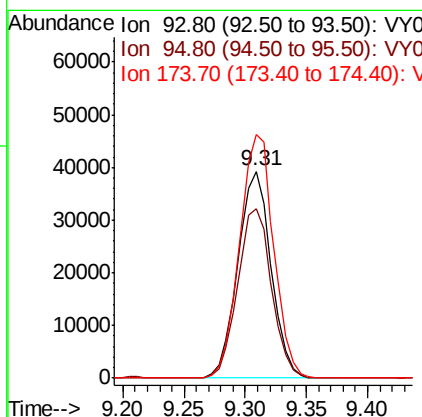
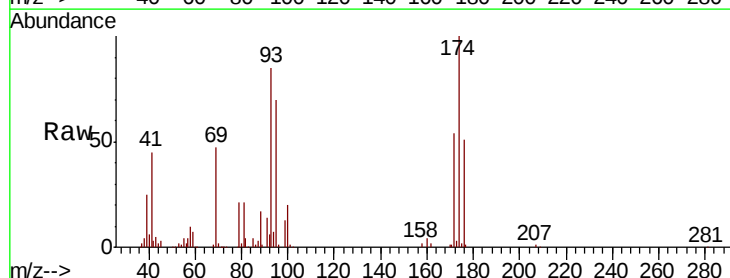
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 125292
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 50.995 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion: 93 Resp: 74060
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.9 100.3
 174 120.5 97.7 146.5





#47

Bromodichloromethane

Concen: 52.384 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

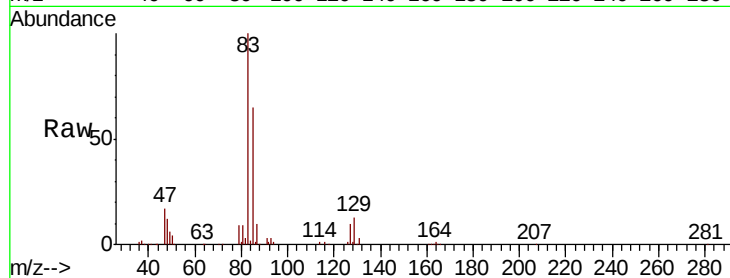
Tot Ion: 83 Resp: 179351

Ion Ratio Lower Upper

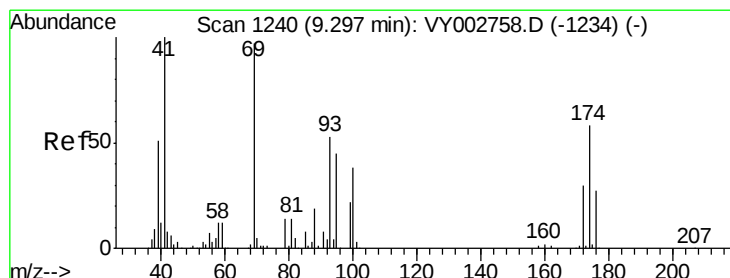
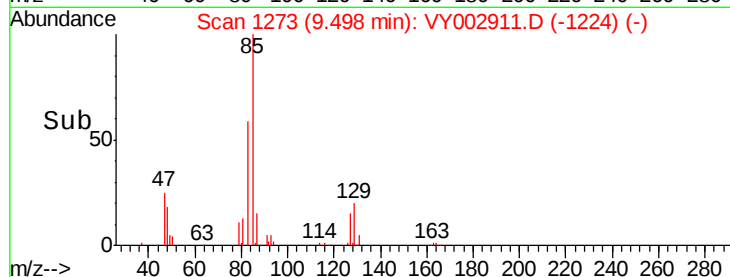
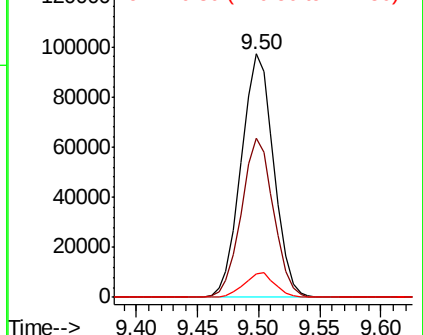
83 100

85 65.2 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: 51.051 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

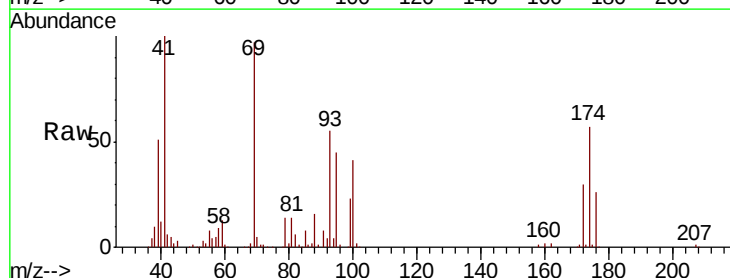
Tgt Ion: 41 Resp: 82001

Ion Ratio Lower Upper

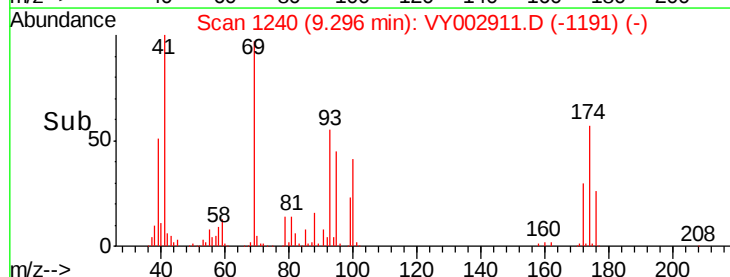
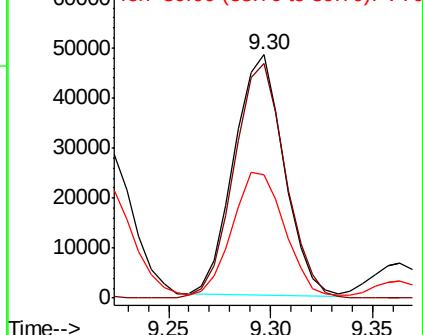
41 100

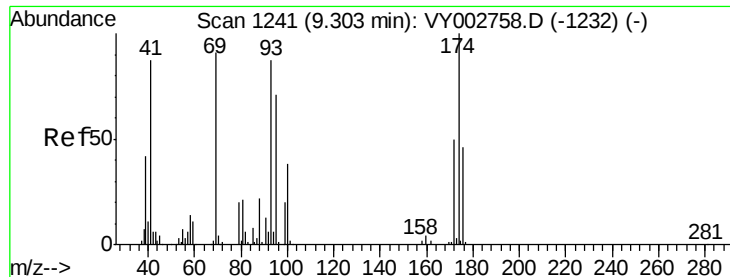
69 100.0 79.7 119.5

39 55.6 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

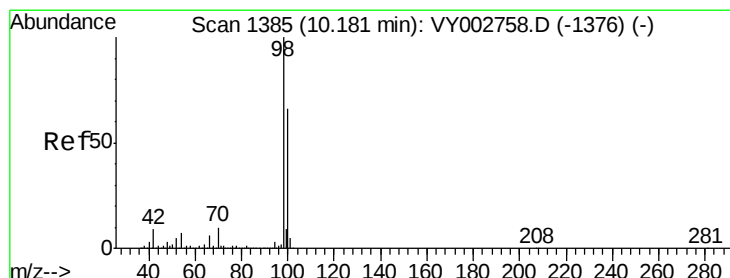
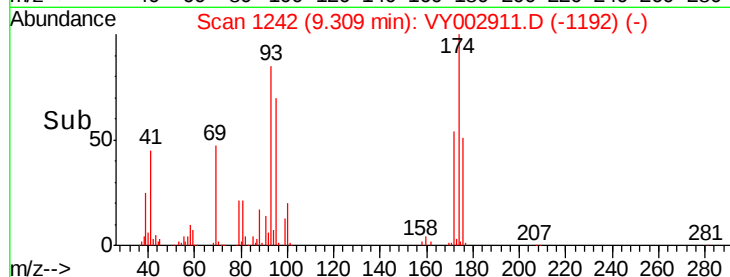
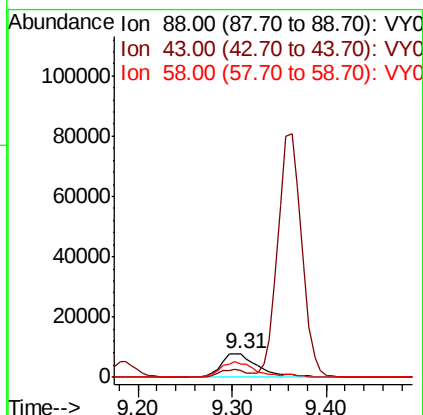
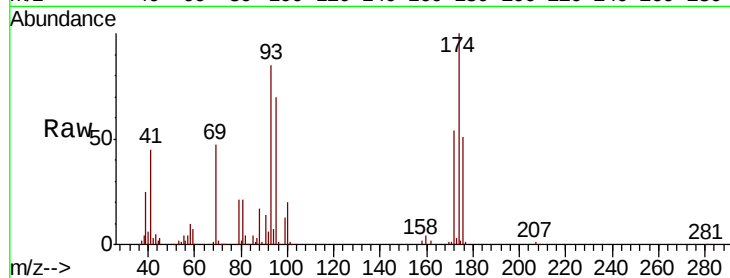




#49
1,4-Dioxane
Concen: 971.631 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

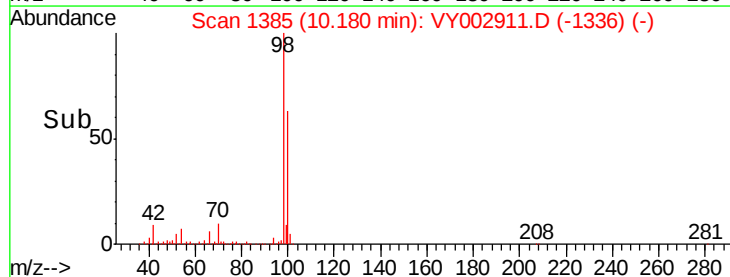
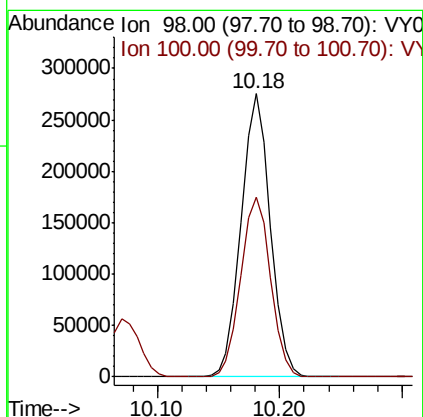
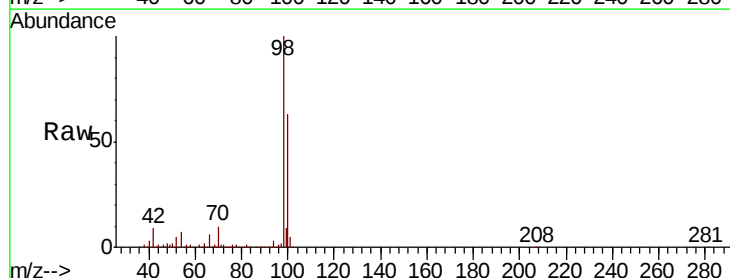
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

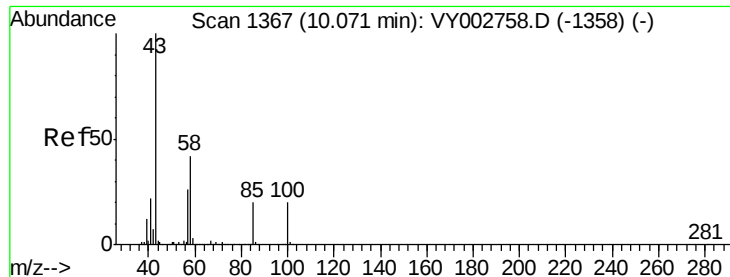
Tot Ion: 88 Resp: 21667
Ion Ratio Lower Upper
88 100
43 24.9 21.3 31.9
58 66.3 52.2 78.2



#50
Toluene-d8
Concen: 46.815 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion: 98 Resp: 454470
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 261.704 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

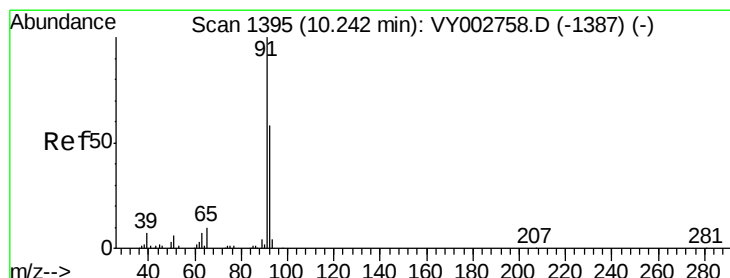
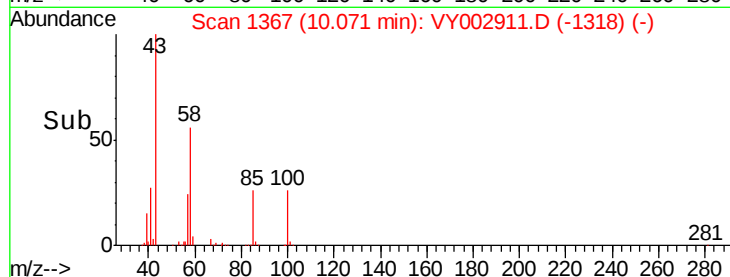
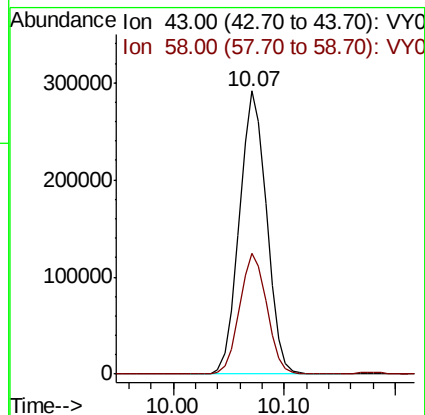
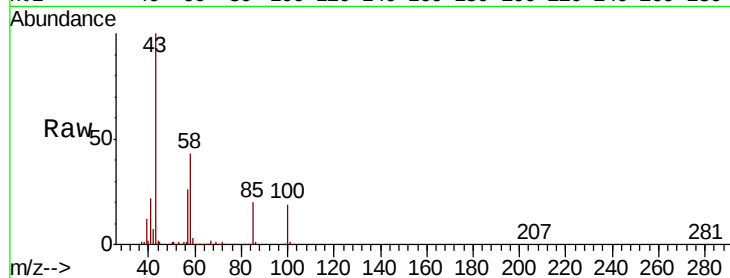
VSTDCCC050EC

Tot Ion: 43 Resp: 493087

Ion Ratio Lower Upper

43 100

58 42.6 34.2 51.2



#52

Toluene

Concen: 50.241 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY002911.D

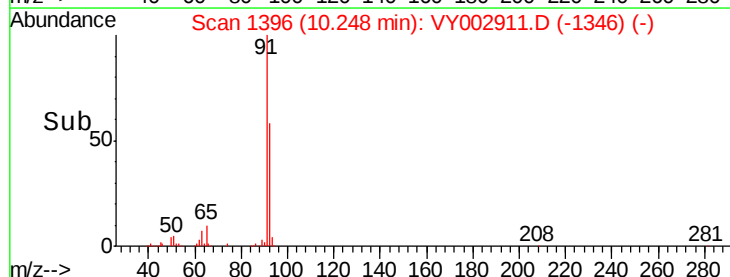
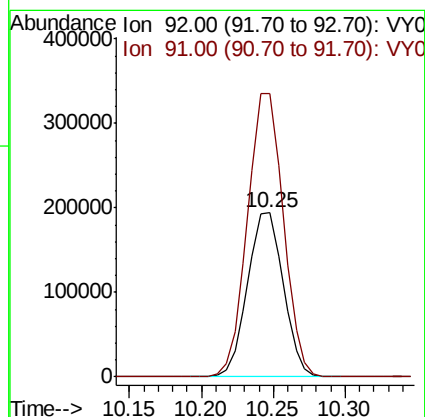
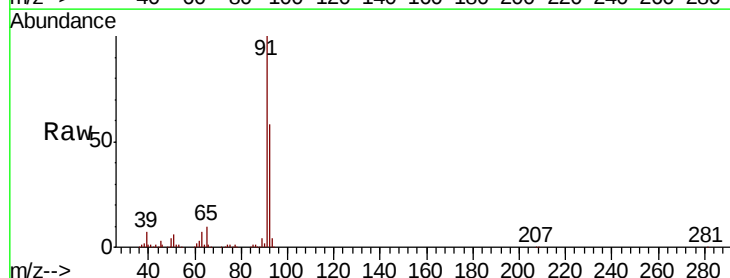
Acq: 16 Jun 2020 16:06

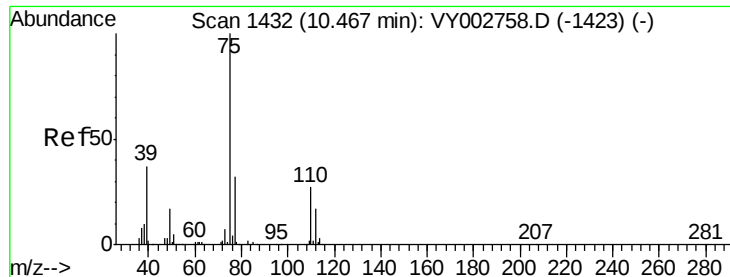
Tgt Ion: 92 Resp: 335148

Ion Ratio Lower Upper

92 100

91 172.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.151 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

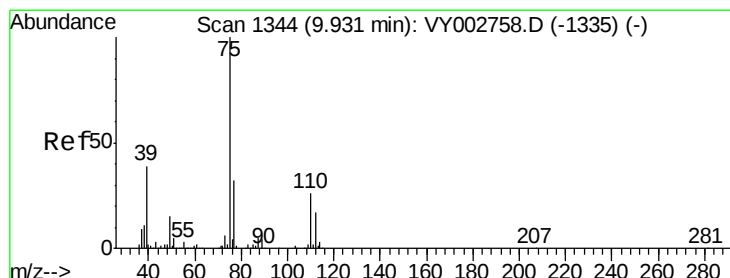
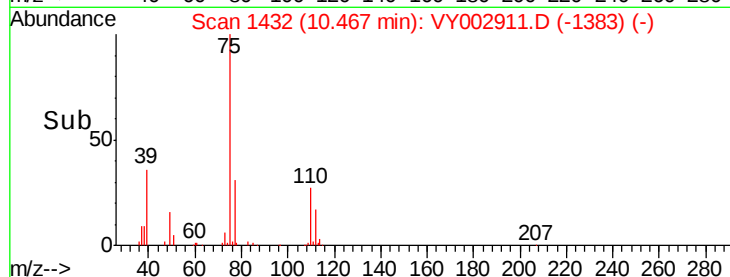
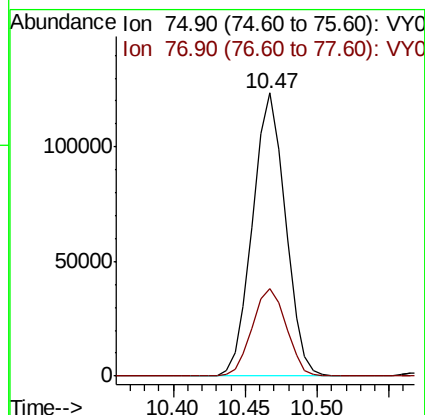
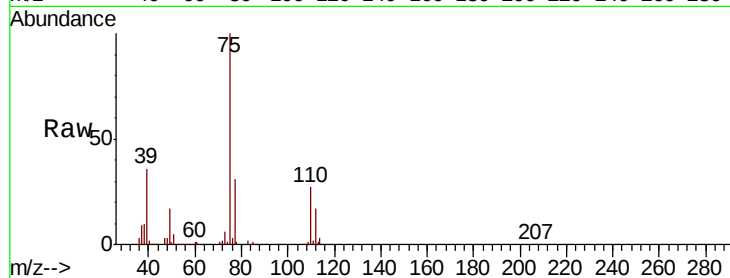
VSTDCCC050EC

Tot Ion: 75 Resp: 195022

Ion Ratio Lower Upper

75 100

77 30.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.333 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

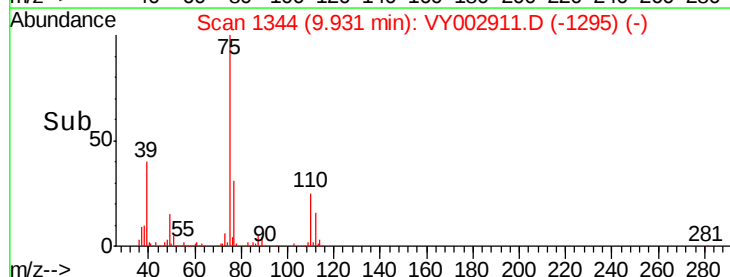
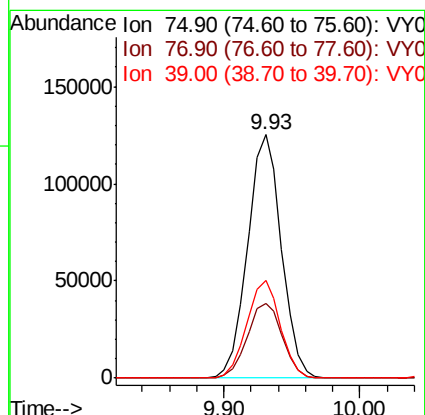
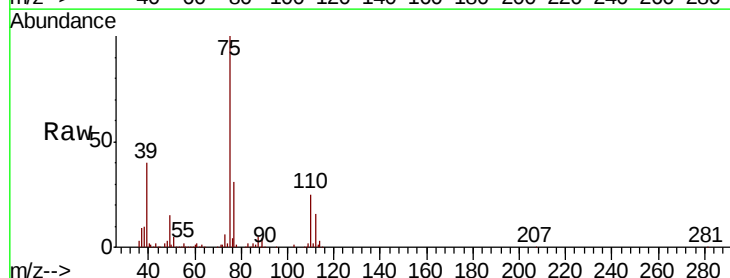
Tgt Ion: 75 Resp: 217517

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 40.2 31.3 46.9

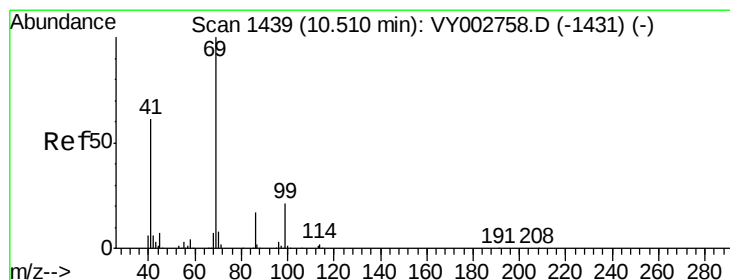
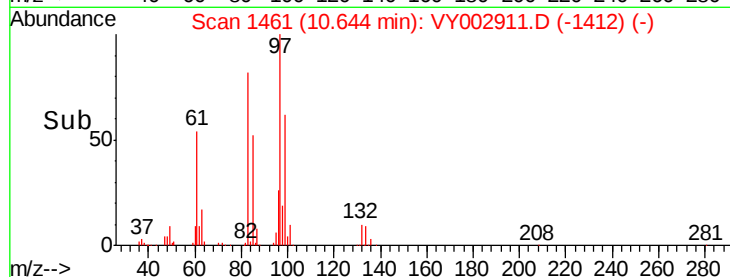
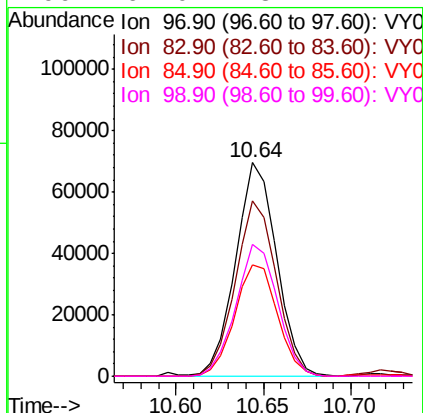
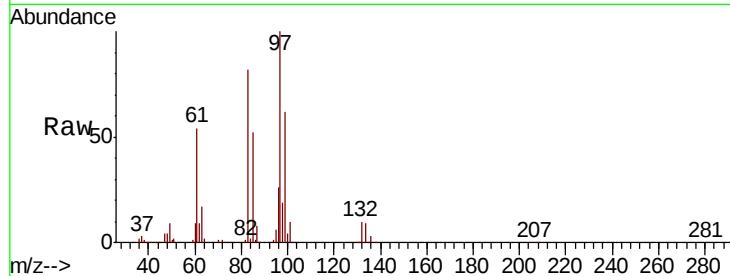




#55
 1,1,2-Trichloroethane
 Concen: 51.108 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

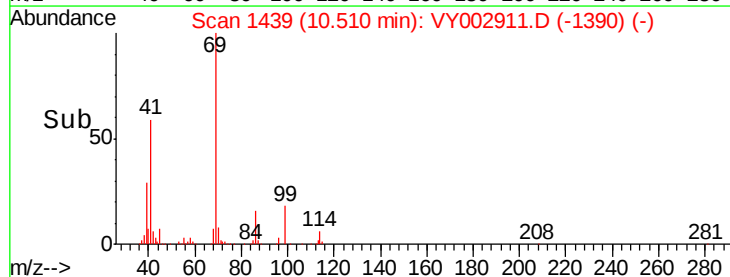
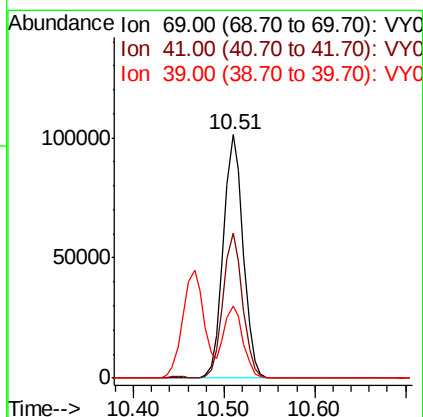
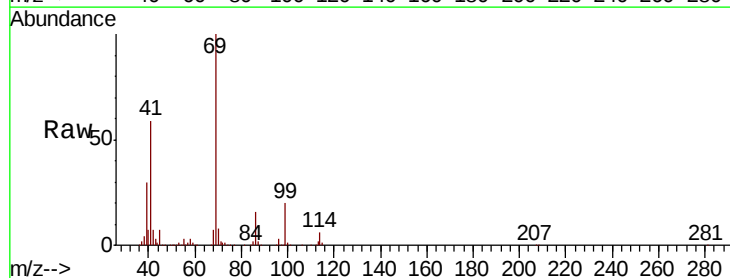
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

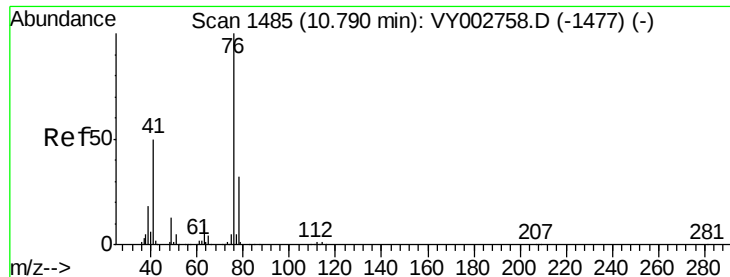
Tot Ion:	97	Resp:	113635
Ion	Ratio	Lower	Upper
97	100		
83	82.2	62.7	94.1
85	52.2	40.6	60.8
99	62.0	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 52.045 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion:	69	Resp:	154993
Ion	Ratio	Lower	Upper
69	100		
41	58.3	47.0	70.4
39	28.1	22.0	33.0





#57

1,3-Dichloropropane

Concen: 51.413 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

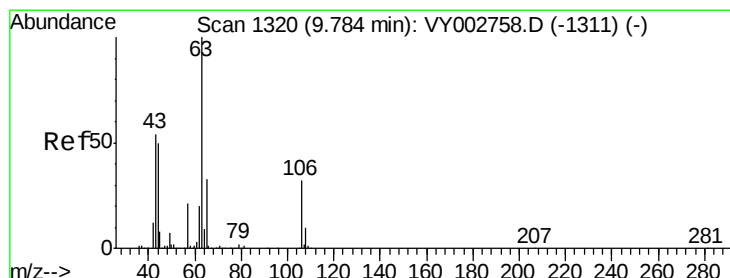
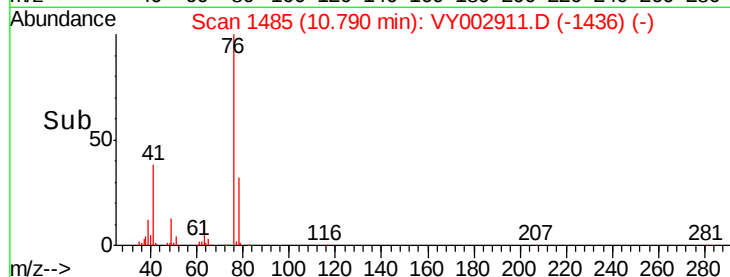
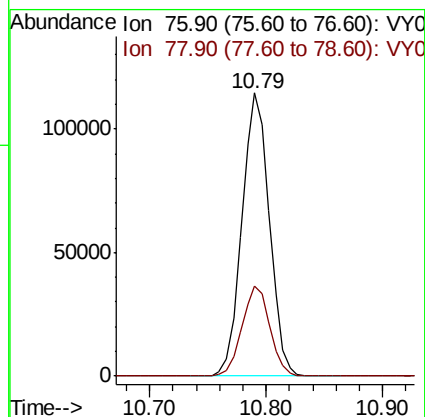
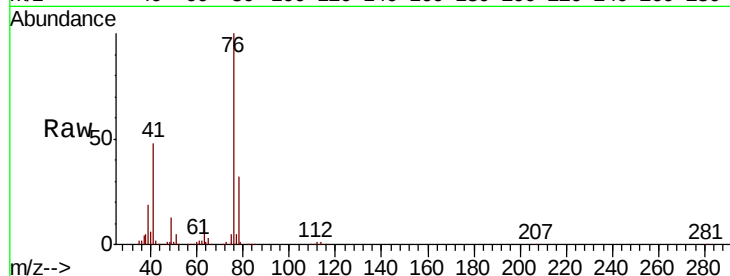
VSTDCCC050EC

Tot Ion: 76 Resp: 188021

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 251.407 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY002911.D

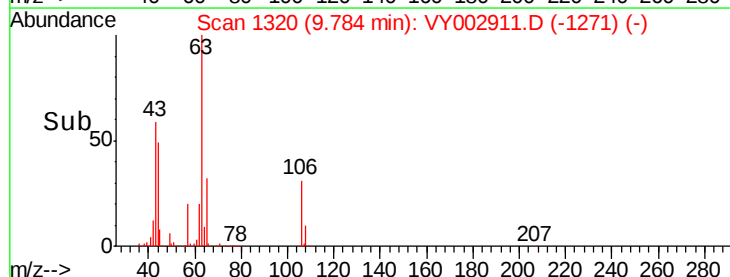
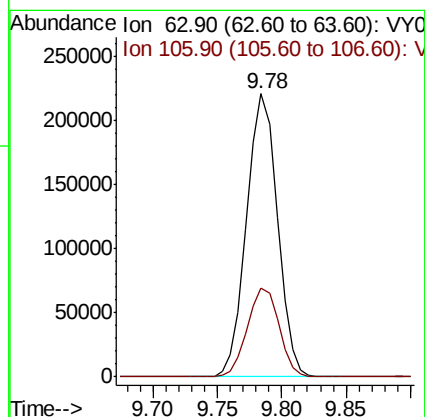
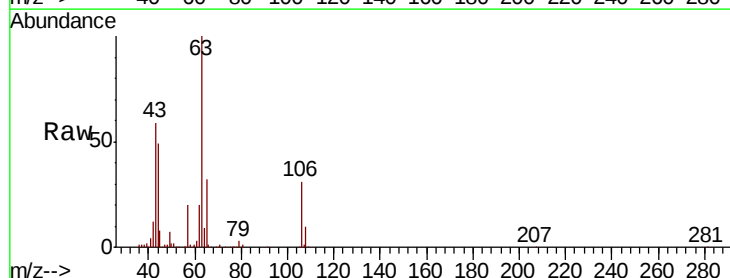
Acq: 16 Jun 2020 16:06

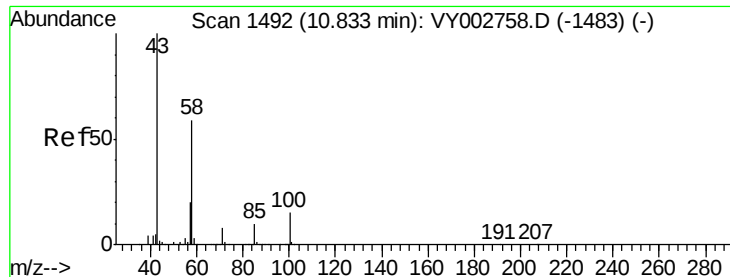
Tgt Ion: 63 Resp: 365840

Ion Ratio Lower Upper

63 100

106 32.1 25.4 38.2

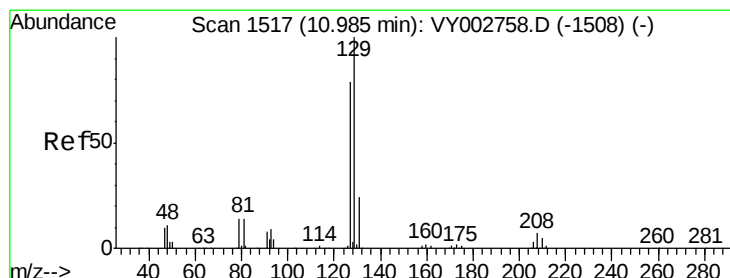
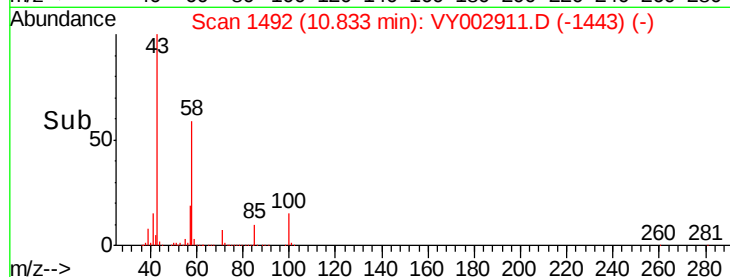
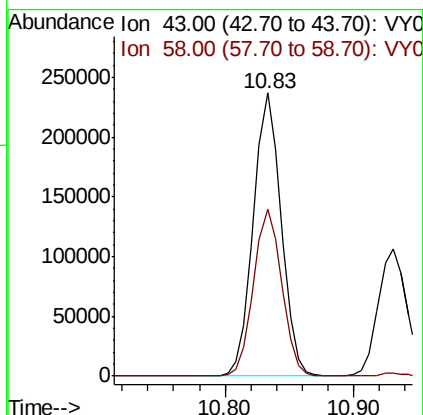
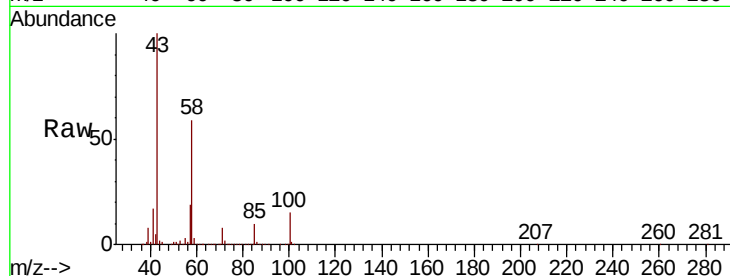




#59
2-Hexanone
Concen: 264.029 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

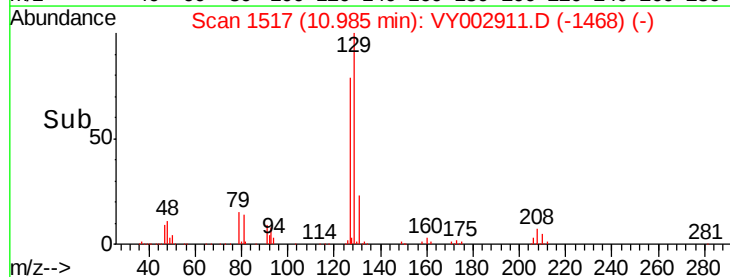
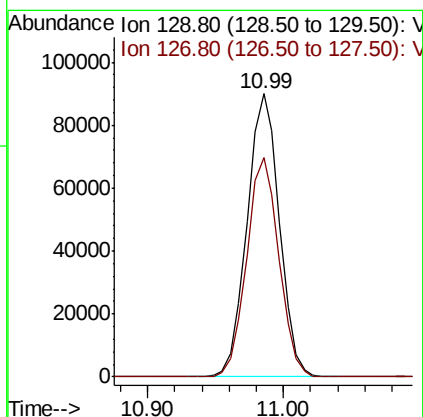
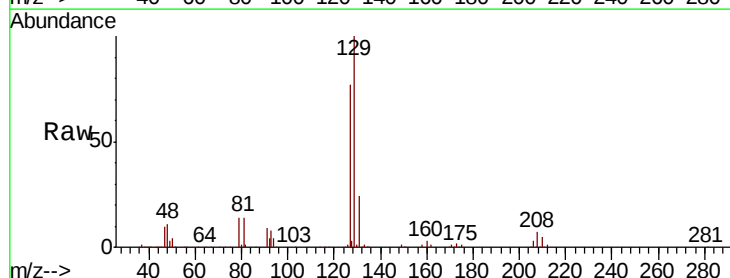
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

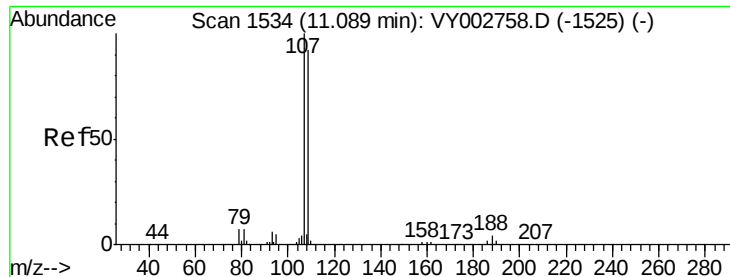
Tot Ion: 43 Resp: 352966
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 53.160 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion: 129 Resp: 149852
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3

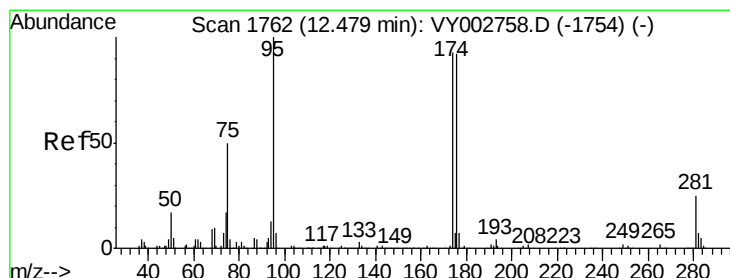
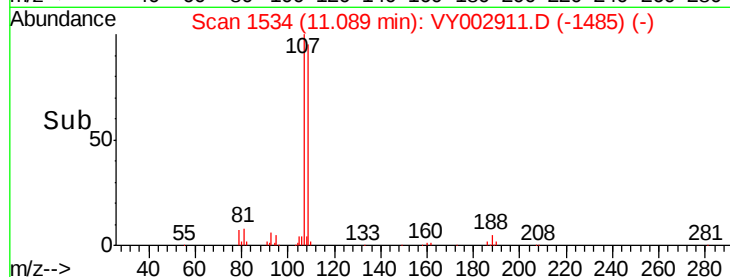
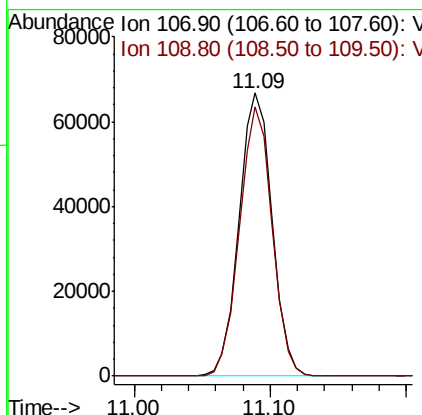
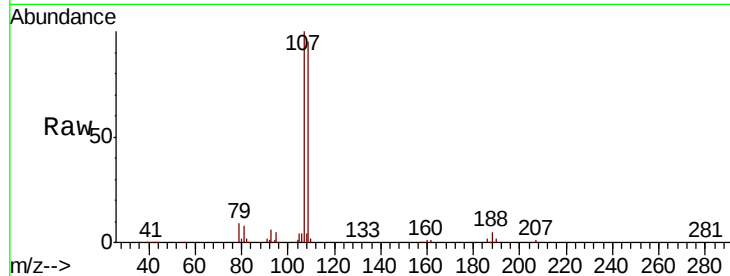




#61
 1,2-Dibromoethane
 Concen: 51.367 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

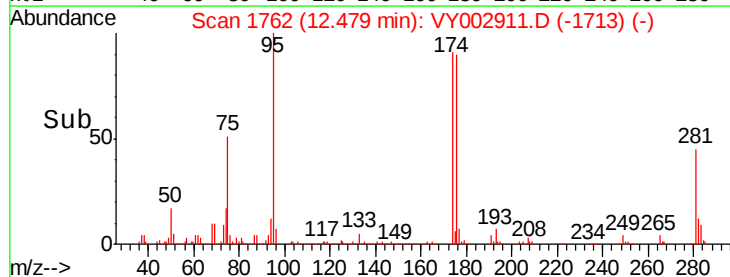
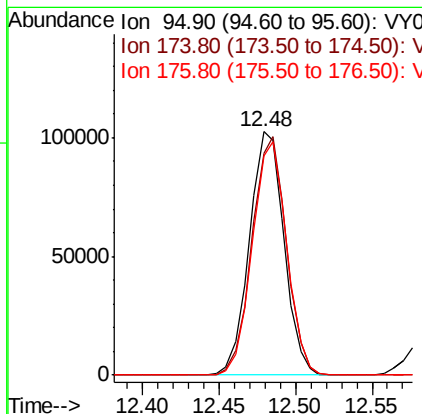
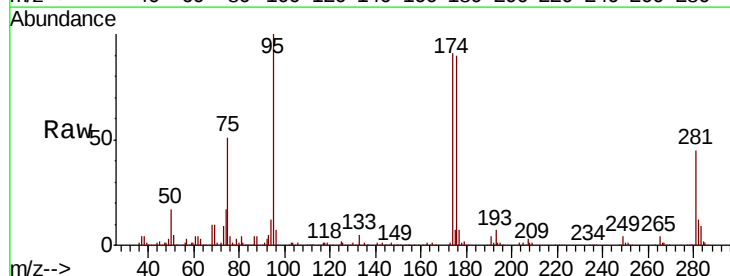
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

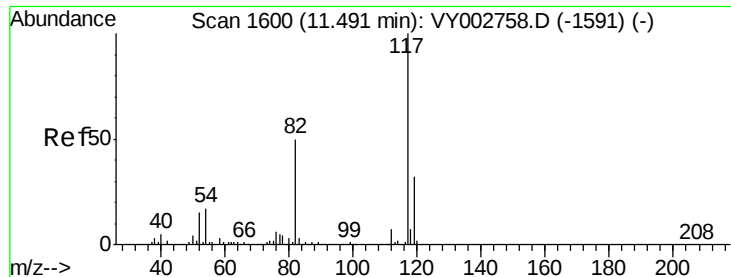
Tot Ion:107 Resp: 112663
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 48.658 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion: 95 Resp: 161430
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 191.2
 176 95.6 0.0 188.8

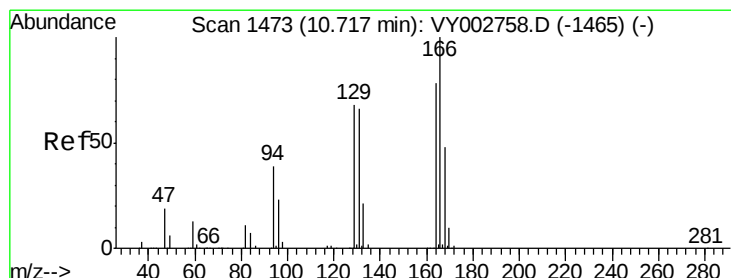
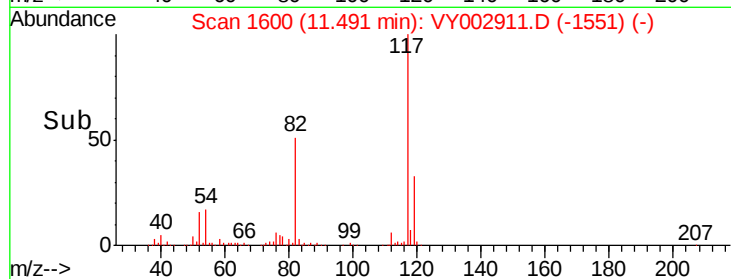
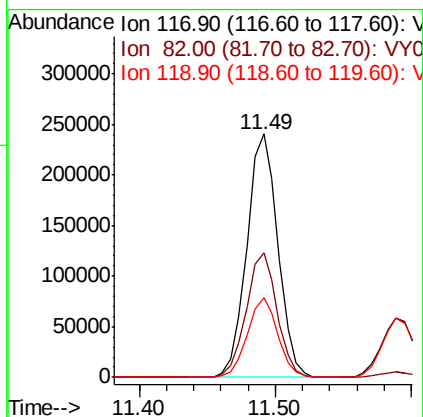
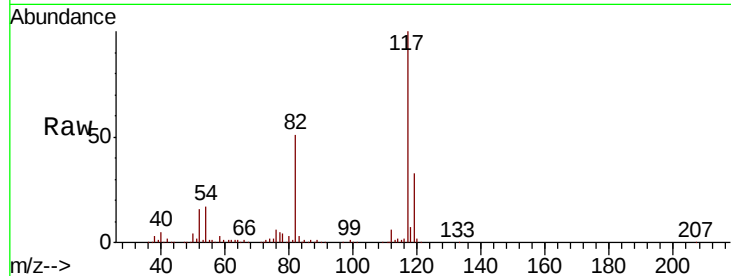




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

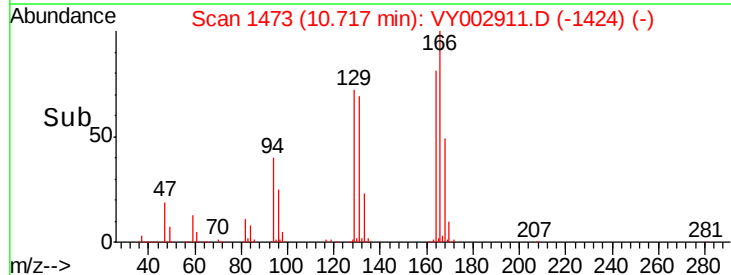
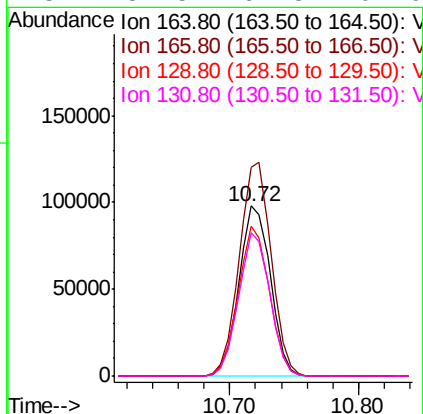
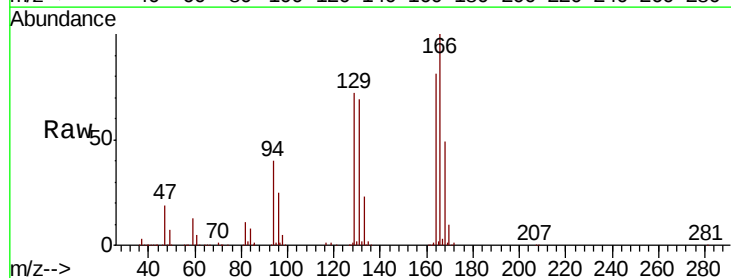
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

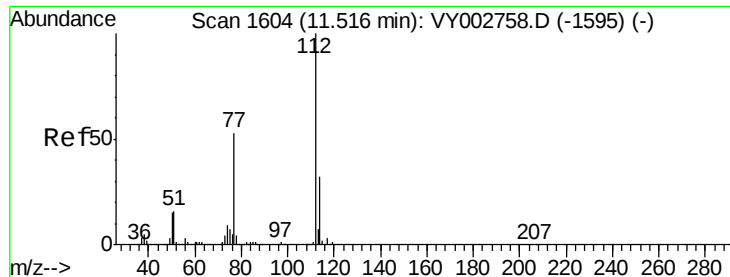
Tot Ion:117 Resp: 384595
Ion Ratio Lower Upper
117 100
82 50.9 40.2 60.4
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 47.286 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion:164 Resp: 165284
Ion Ratio Lower Upper
164 100
166 122.8 102.3 153.5
129 88.0 69.4 104.2
131 84.5 67.8 101.6

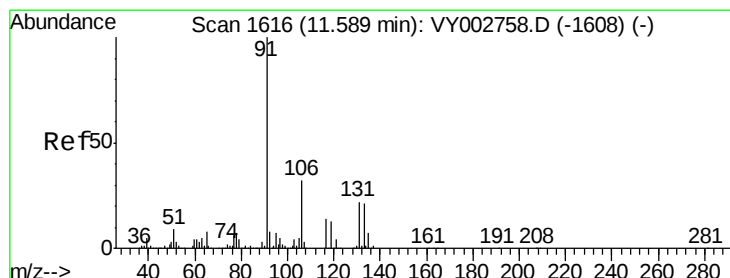
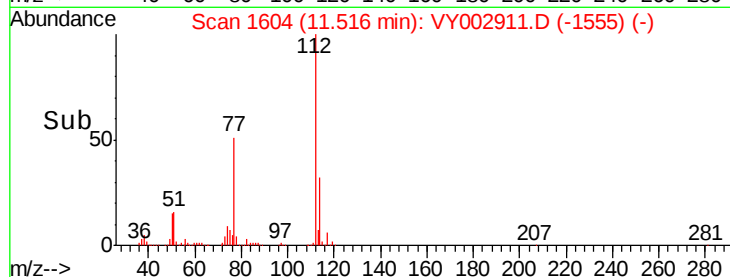
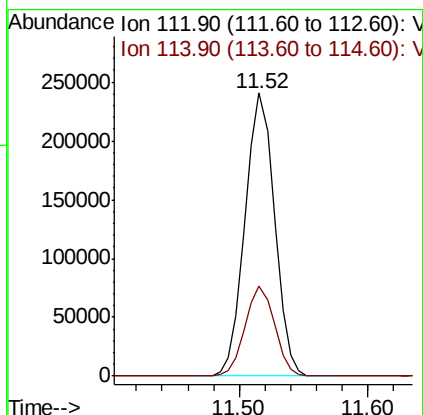
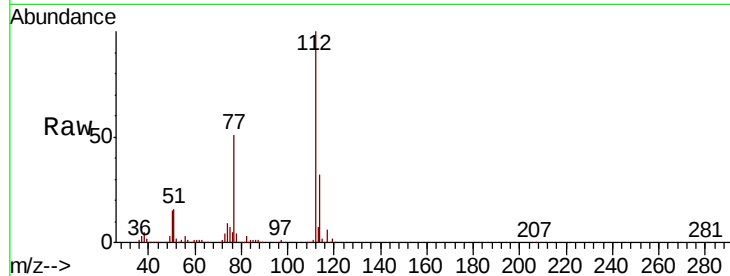




#65
Chlorobenzene
Concen: 50.081 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

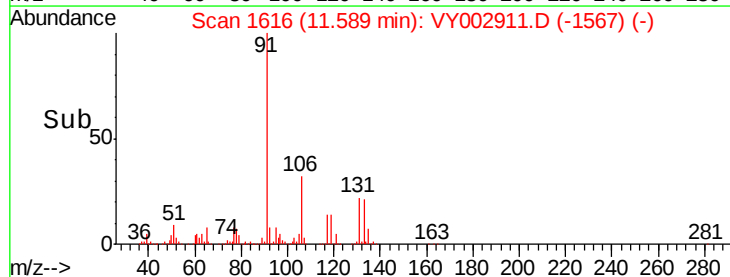
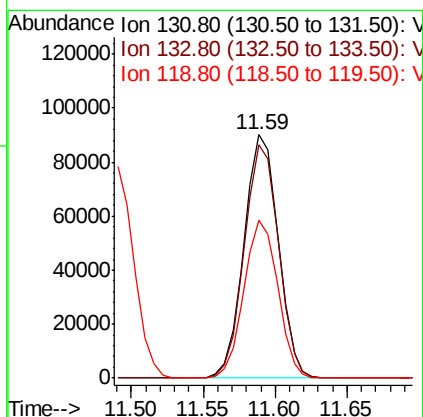
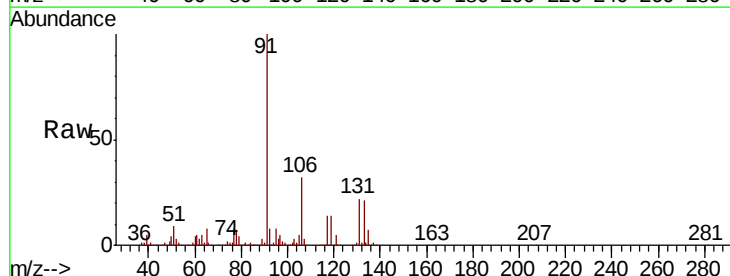
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

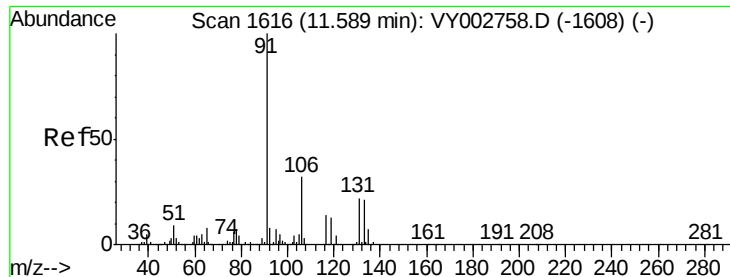
Tot Ion:112 Resp: 380695
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.816 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion:131 Resp: 148343
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.8
119 64.1 31.7 95.1





#67

Ethyl Benzene

Concen: 50.322 ug/l

RT: 11.59 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

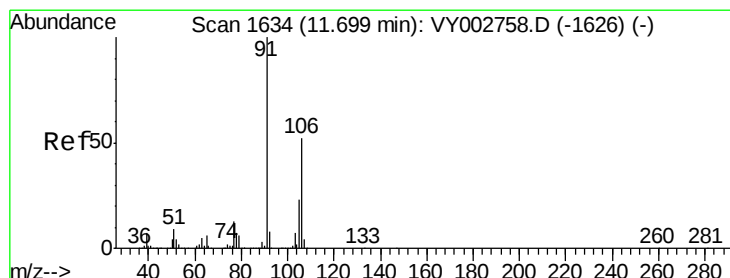
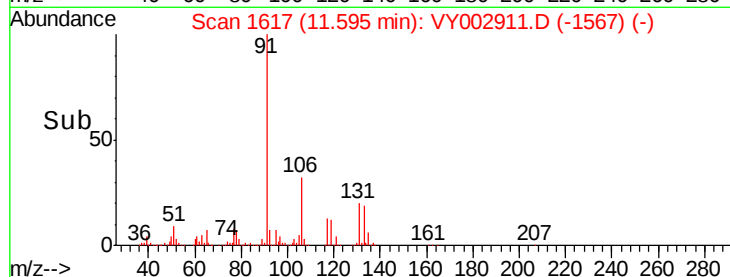
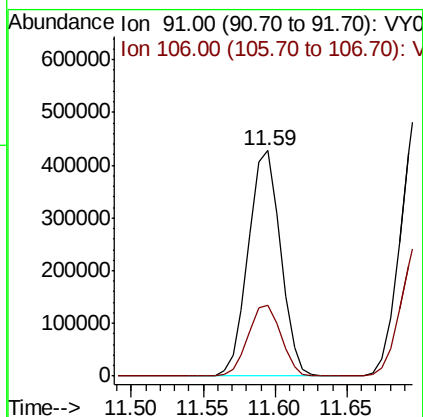
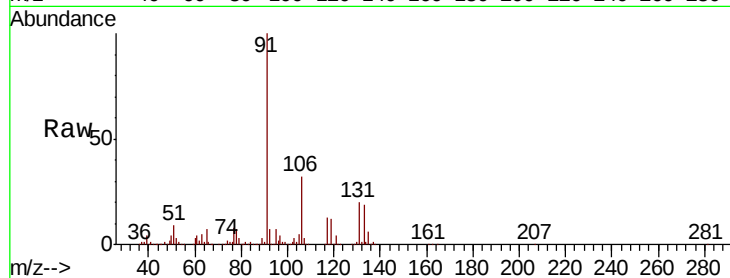
VSTDCCC050EC

Tot Ion: 91 Resp: 663150

Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5



#68

m/p-Xylenes

Concen: 100.288 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY002911.D

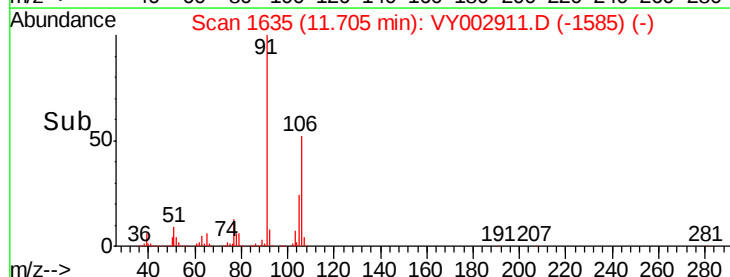
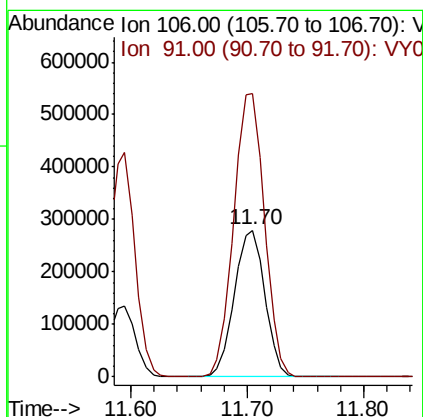
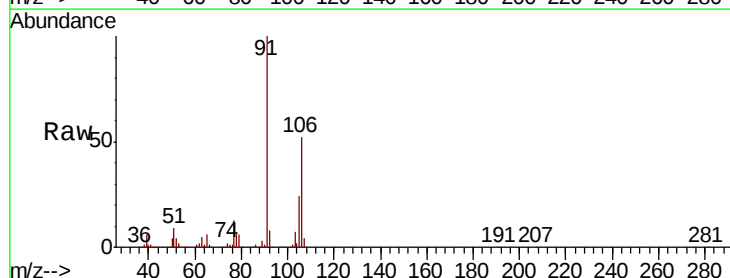
Acq: 16 Jun 2020 16:06

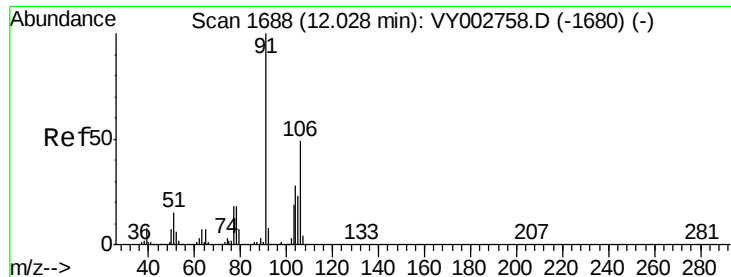
Tgt Ion: 106 Resp: 512411

Ion Ratio Lower Upper

106 100

91 194.8 156.0 234.0

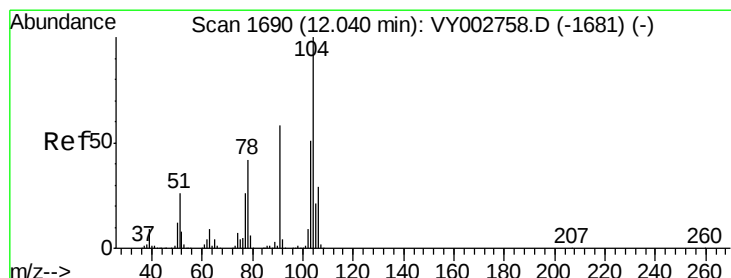
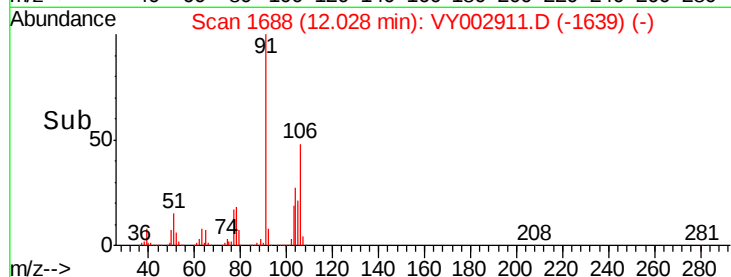
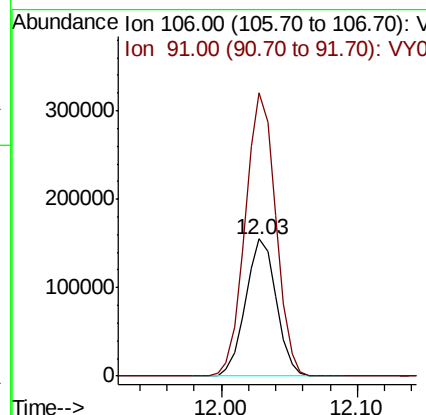
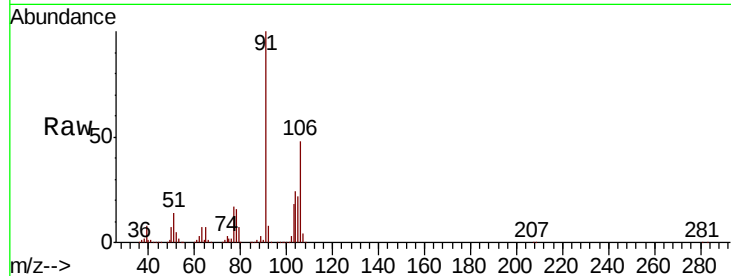




#69
o-Xylene
Concen: 50.635 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

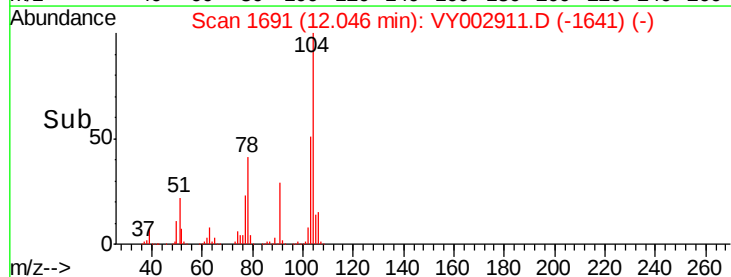
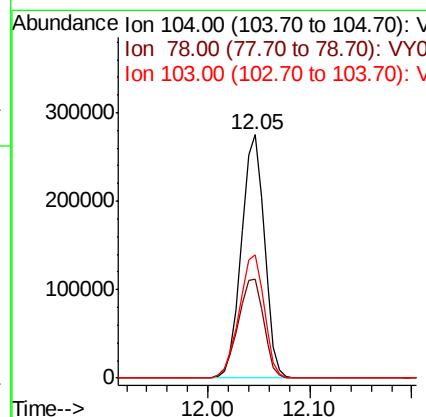
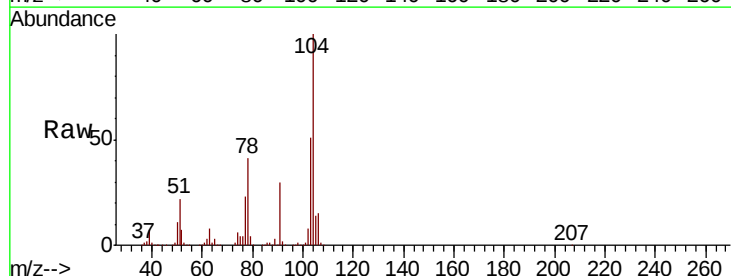
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

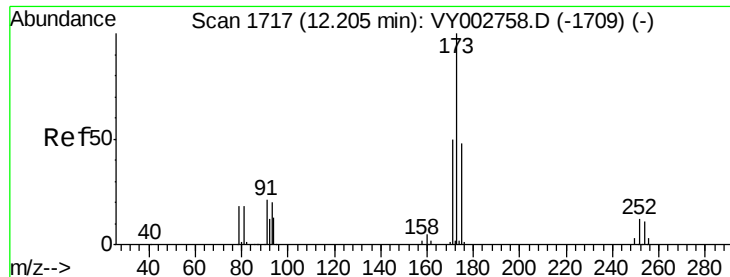
Tot Ion:106 Resp: 244235
Ion Ratio Lower Upper
106 100
91 205.8 102.4 307.1



#70
Styrene
Concen: 50.952 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion:104 Resp: 426042
Ion Ratio Lower Upper
104 100
78 45.8 36.2 54.4
103 55.5 43.6 65.4

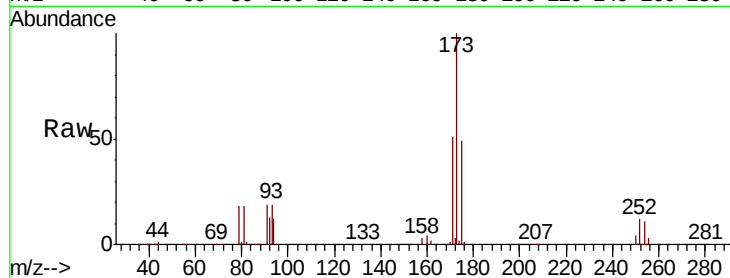




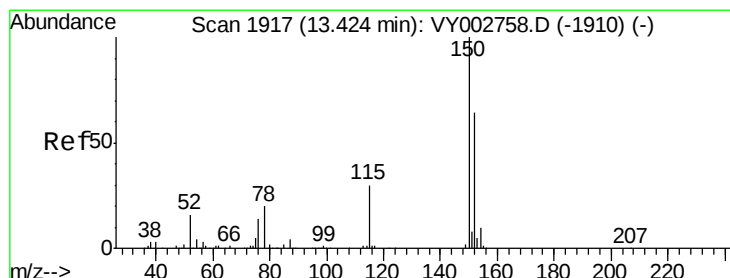
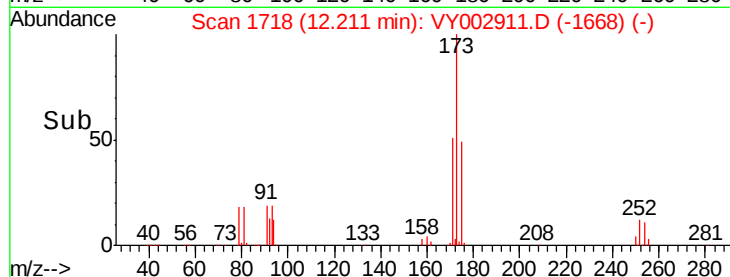
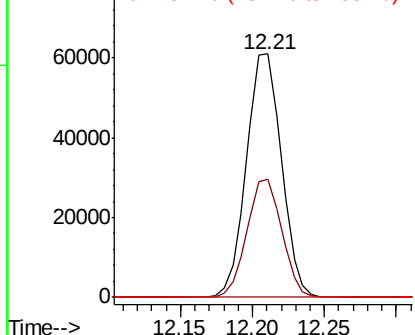
#71
Bromoform
Concen: 53.514 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 102514
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.8
254 0.1 0.1 0.1

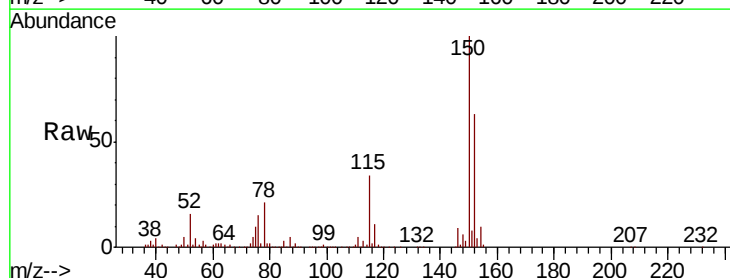


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

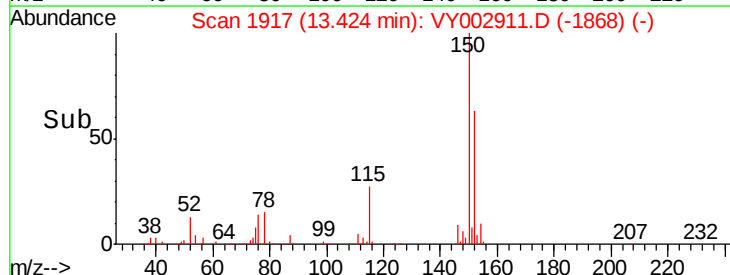
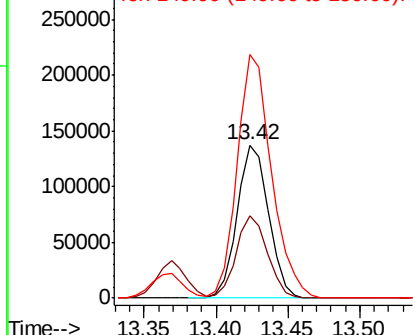


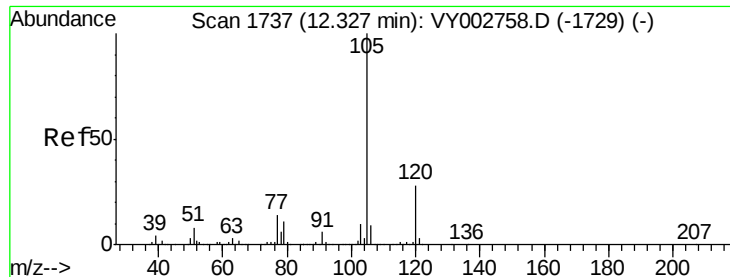
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion:152 Resp: 208111
Ion Ratio Lower Upper
152 100
115 53.6 27.0 81.0
150 173.8 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: 50.124 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

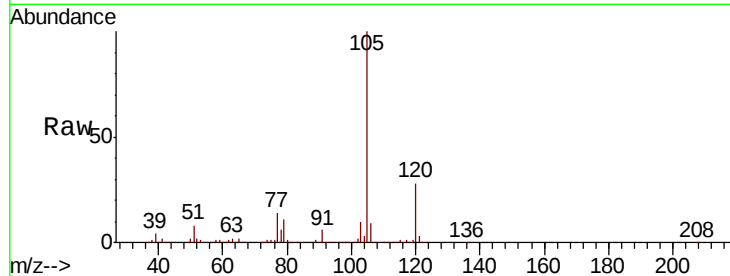
VSTDCCC050EC

Tot Ion:105 Resp: 668490

Ion Ratio Lower Upper

105 100

120 27.5 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

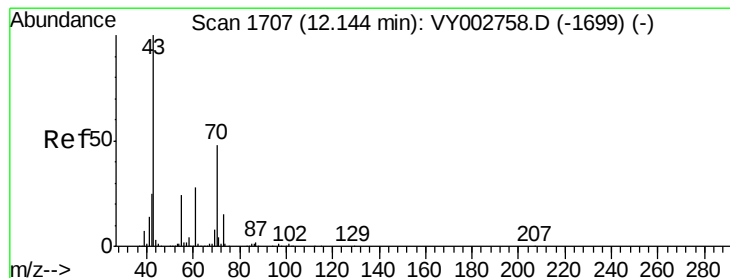
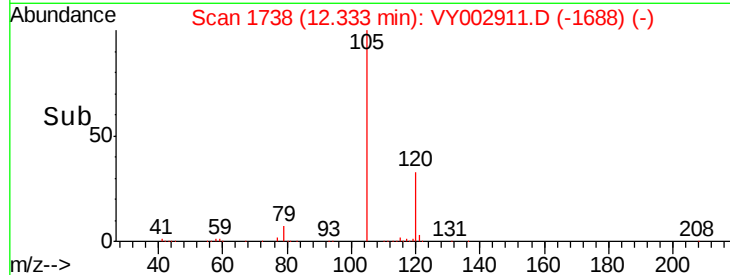
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.411 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Tgt Ion: 43 Resp: 172502

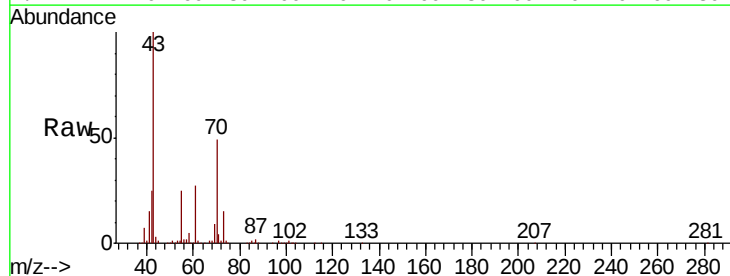
Ion Ratio Lower Upper

43 100

70 48.8 37.7 56.5

55 25.1 19.8 29.6

61 26.7 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

12.14

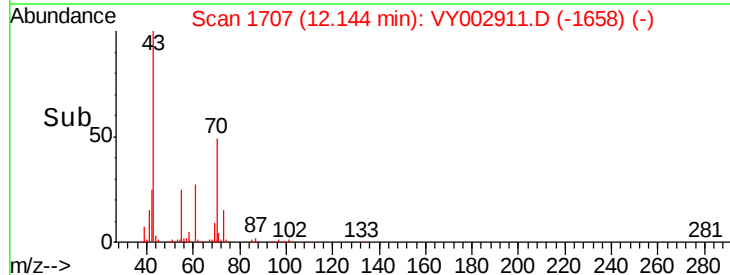
150000

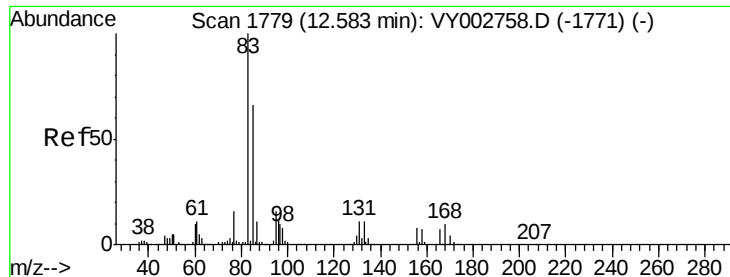
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.701 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

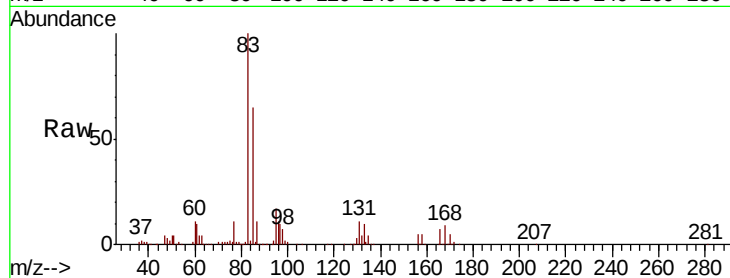
Tot Ion: 83 Resp: 125659

Ion Ratio Lower Upper

83 100

131 11.8 5.8 17.4

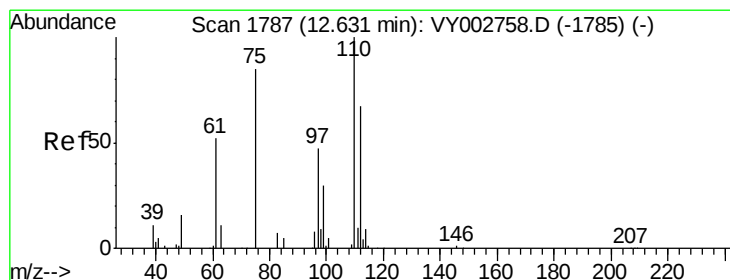
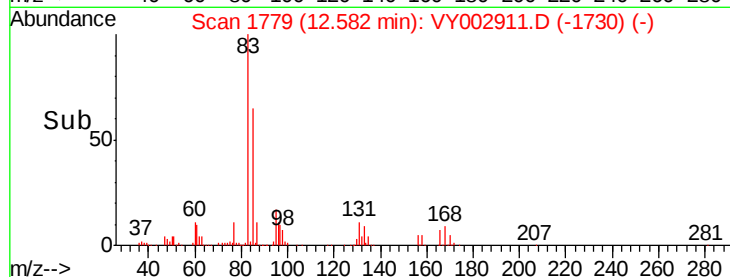
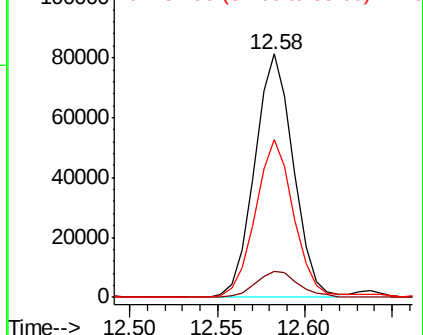
85 64.0 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VY002911.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY002911.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY002911.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 95.005 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.01 min

Lab File: VY002911.D

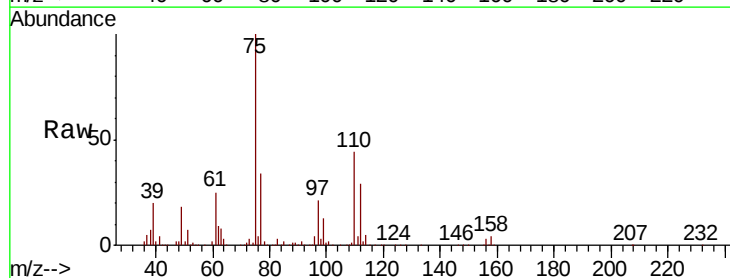
Acq: 16 Jun 2020 16:06

Tgt Ion: 75 Resp: 178156

Ion Ratio Lower Upper

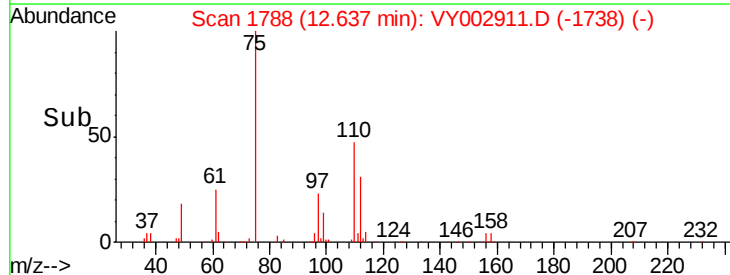
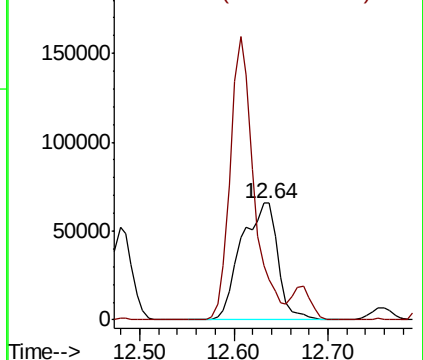
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY002911.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY002911.D (-1738) (-)





#77

Bromobenzene

Concen: 49.855 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

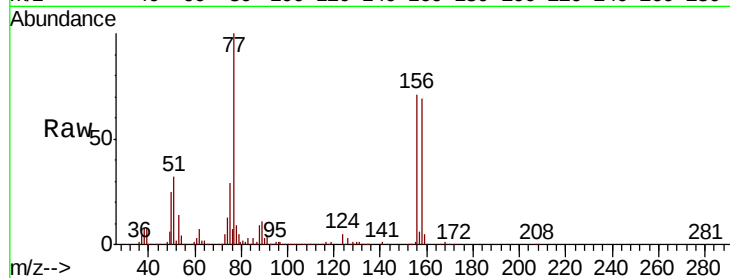
Tot Ion:156 Resp: 173128

Ion Ratio Lower Upper

156 100

77 162.3 81.4 244.2

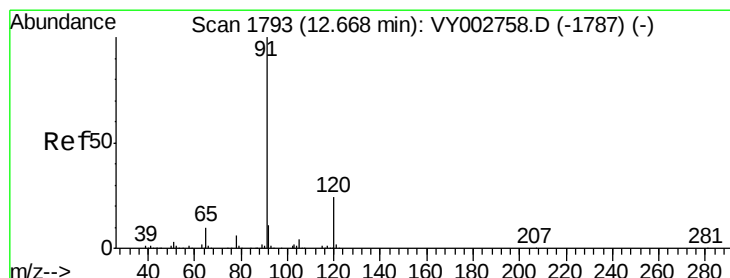
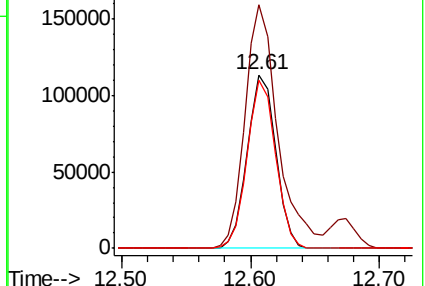
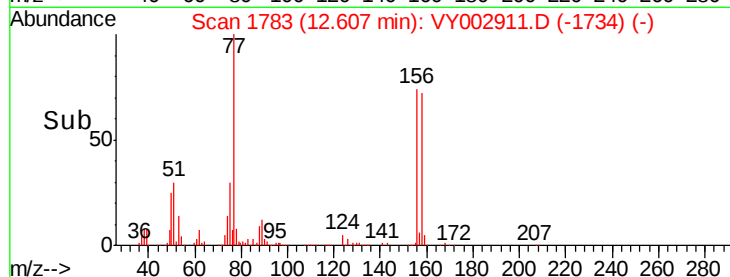
158 96.6 48.5 145.6



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: 50.400 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.01 min

Lab File: VY002911.D

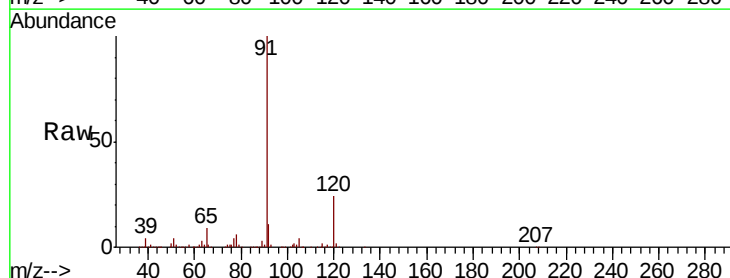
Acq: 16 Jun 2020 16:06

Tgt Ion: 91 Resp: 776427

Ion Ratio Lower Upper

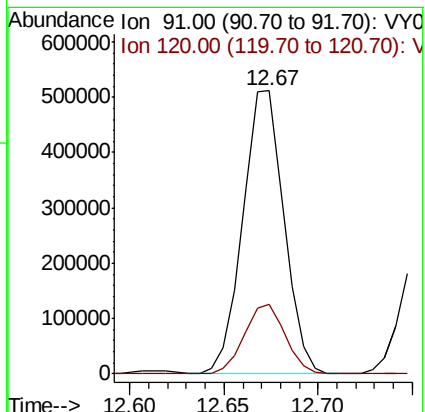
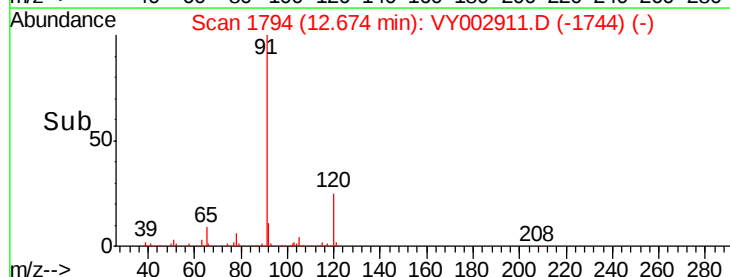
91 100

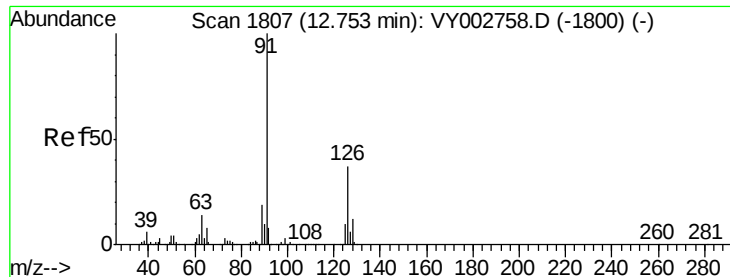
120 24.3 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

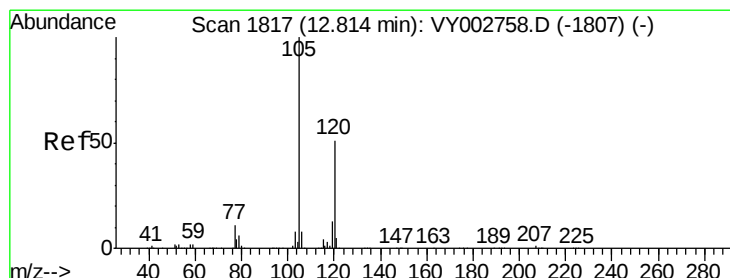
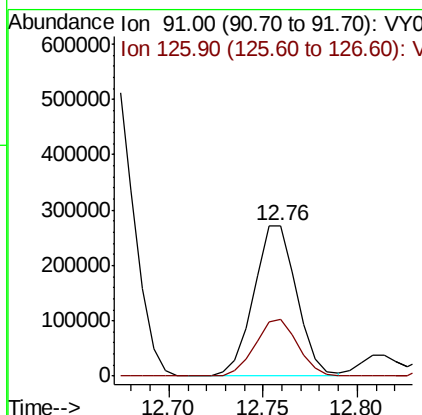
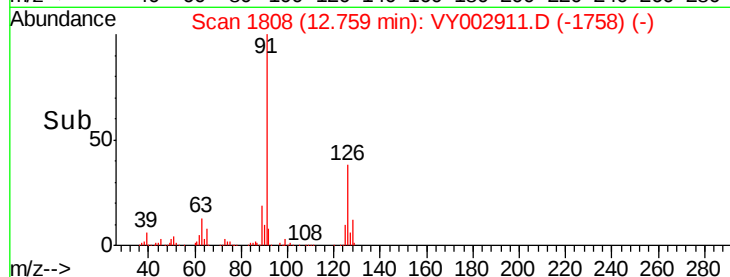
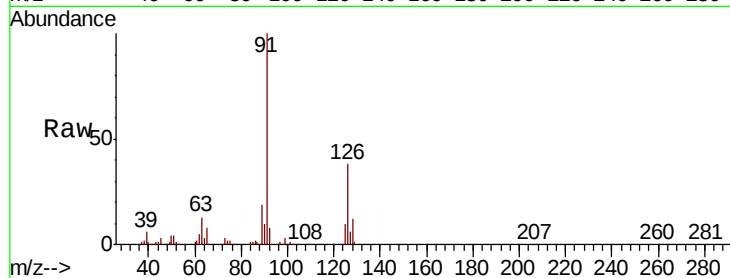




#79
 2-Chlorotoluene
 Concen: 49.617 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

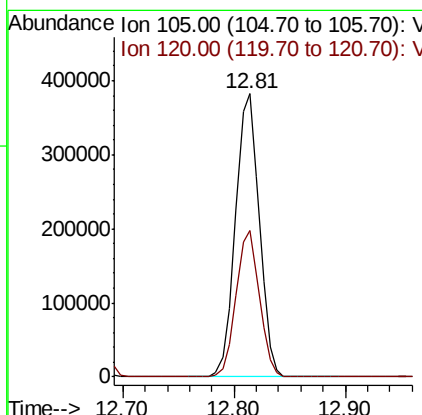
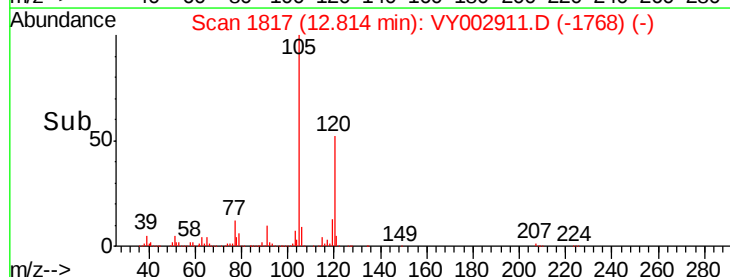
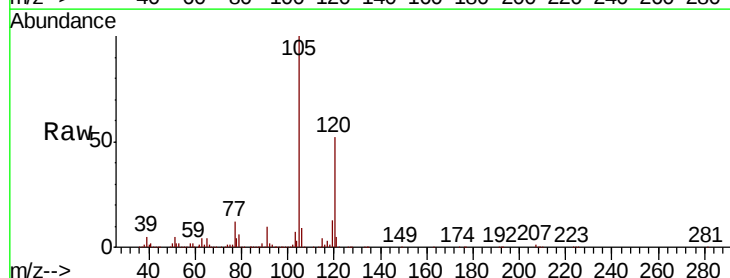
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

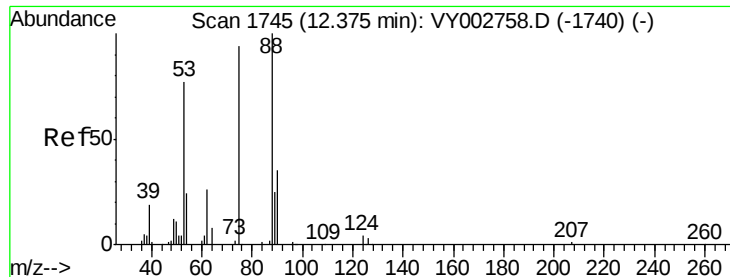
Tot Ion: 91 Resp: 428768
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.705 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion: 105 Resp: 564623
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 50.802 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

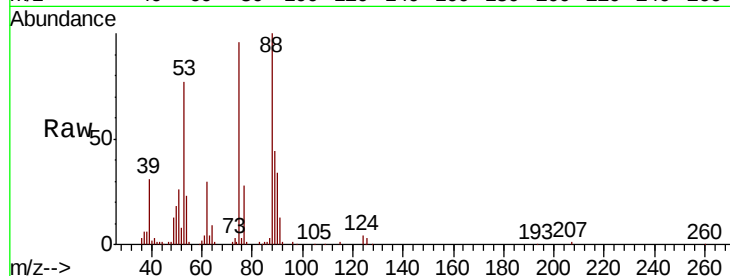
Tot Ion: 75 Resp: 50565

Ion Ratio Lower Upper

75 100

53 81.5 64.0 96.0

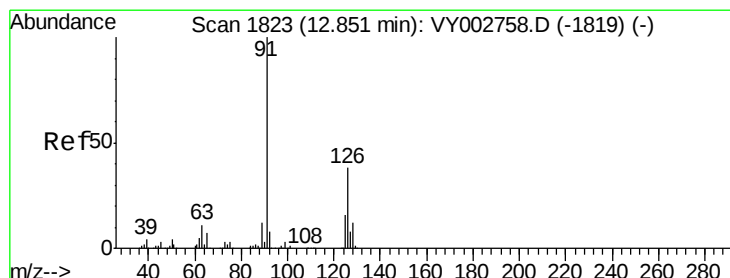
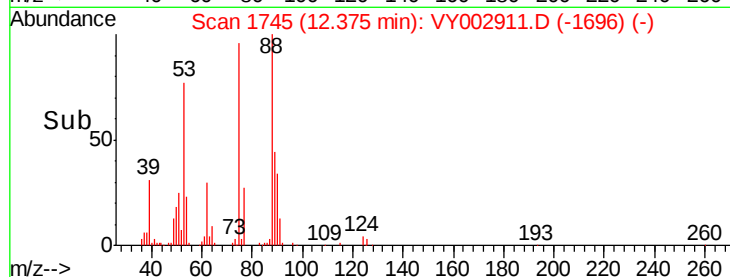
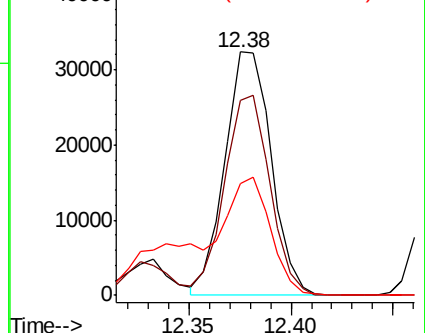
89 48.9 37.4 56.2



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: 50.001 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY002911.D

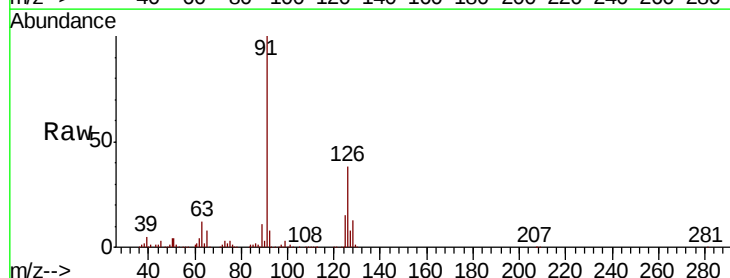
Acq: 16 Jun 2020 16:06

Tgt Ion: 91 Resp: 452709

Ion Ratio Lower Upper

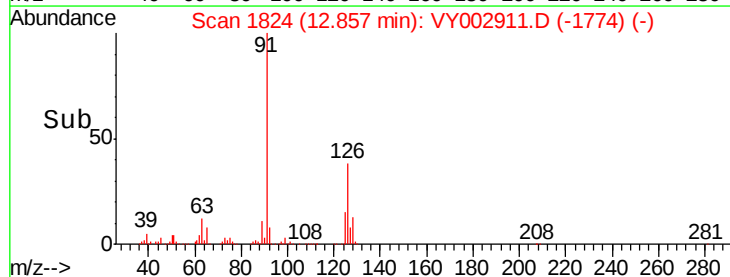
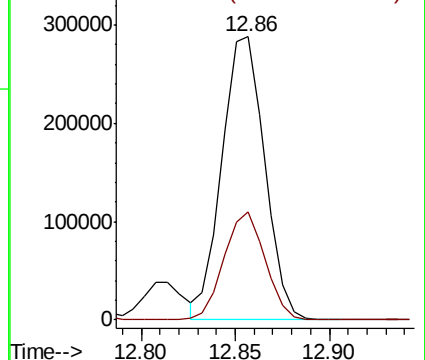
91 100

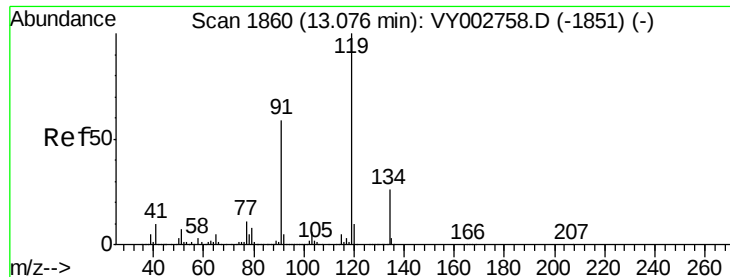
126 36.7 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

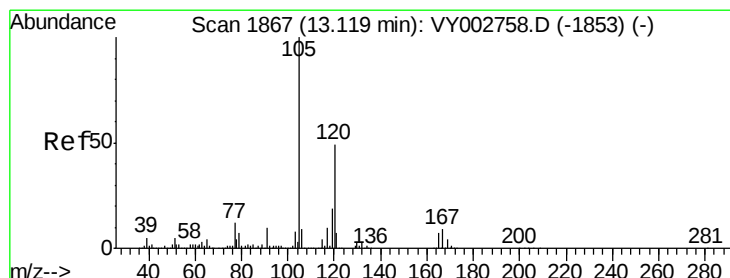
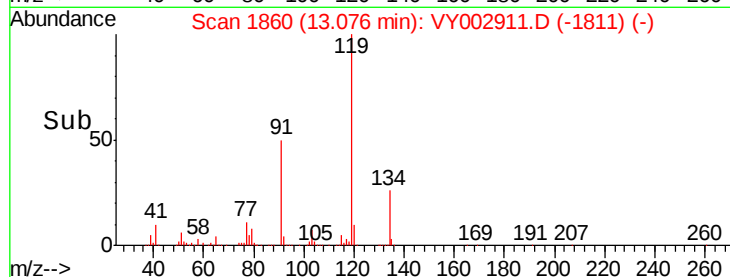
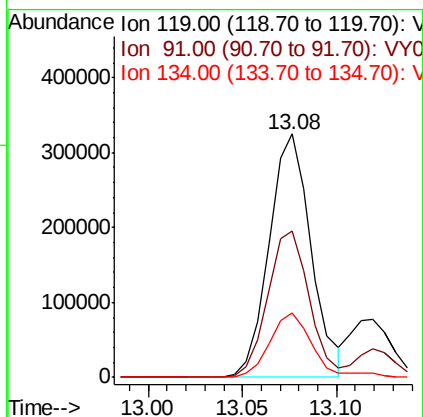
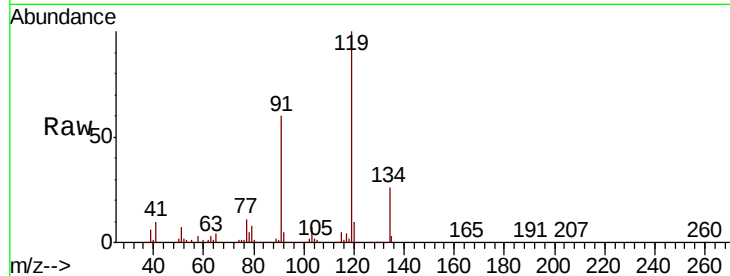




#83
tert-Butylbenzene
Concen: 50.469 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

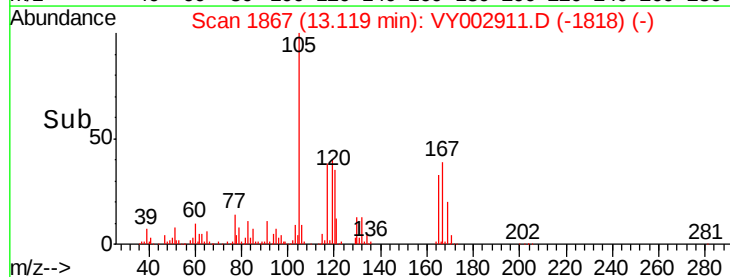
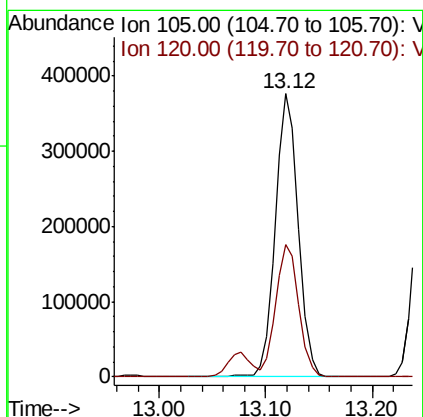
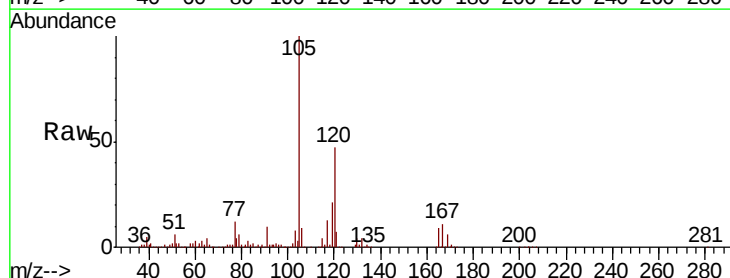
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

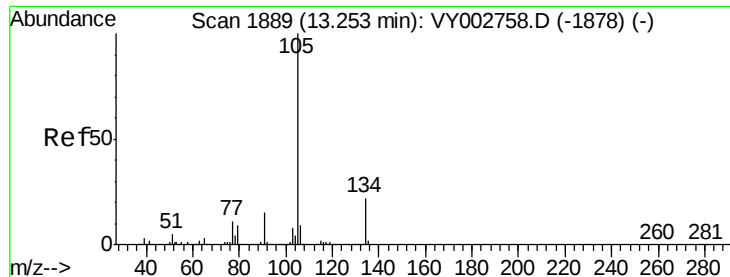
Tot Ion:119 Resp: 501308
Ion Ratio Lower Upper
119 100
91 59.5 29.8 89.4
134 27.1 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 50.148 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion:105 Resp: 561494
Ion Ratio Lower Upper
105 100
120 46.7 23.6 70.8

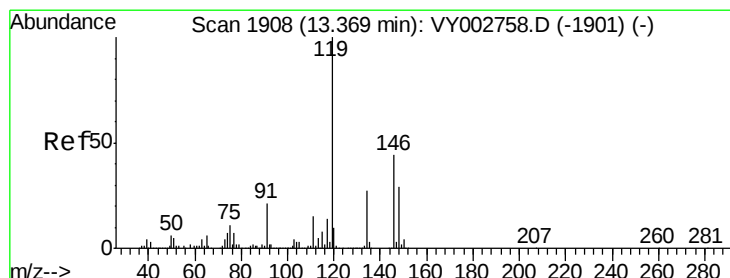
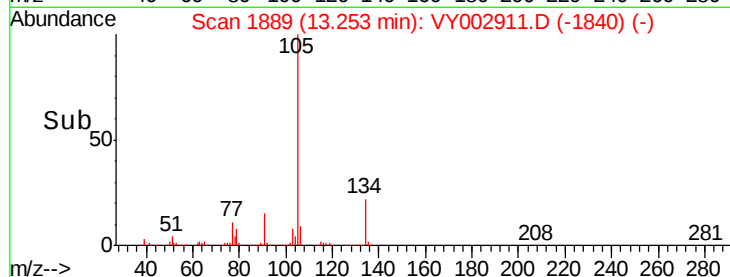
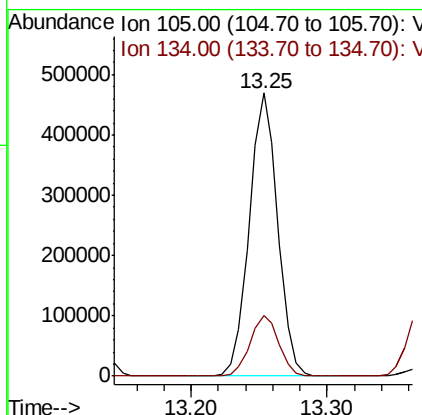
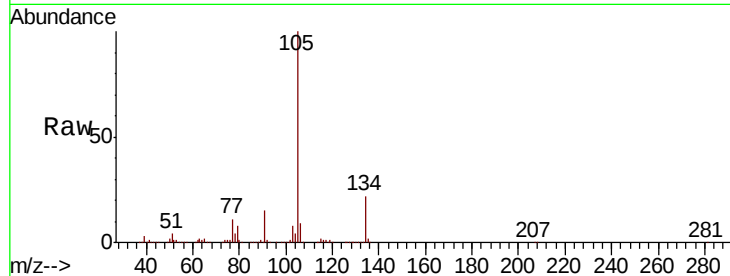




#85
 sec-Butylbenzene
 Concen: 50.593 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

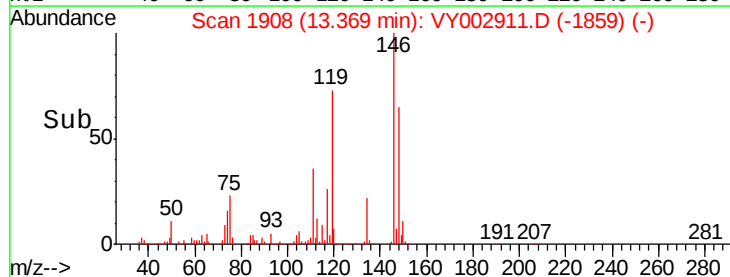
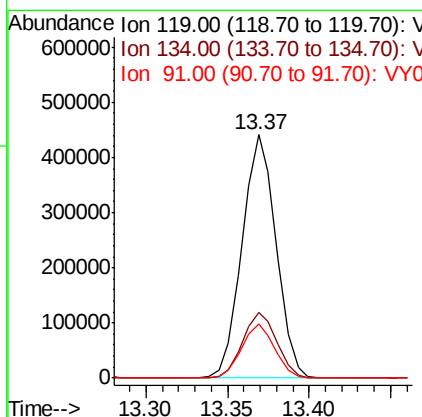
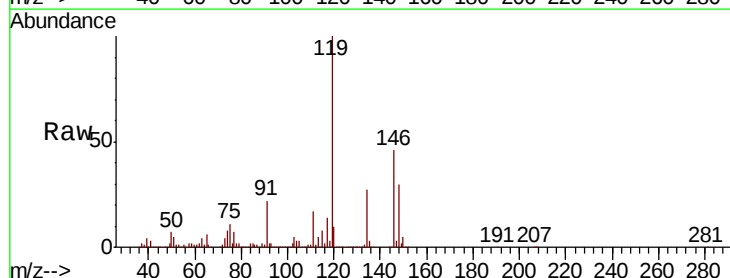
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

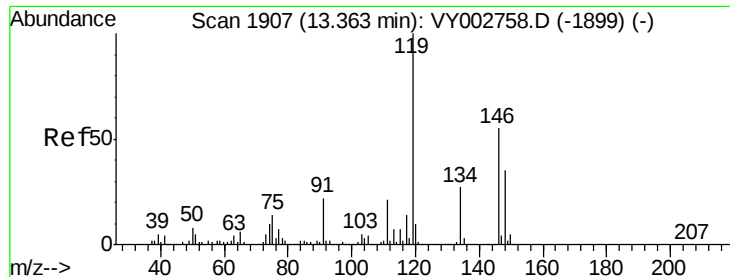
Tot Ion:105 Resp: 687120
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 50.539 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion:119 Resp: 638682
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.7 41.0
 91 21.6 10.8 32.4

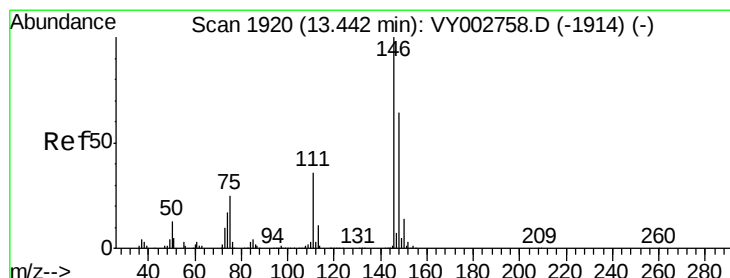
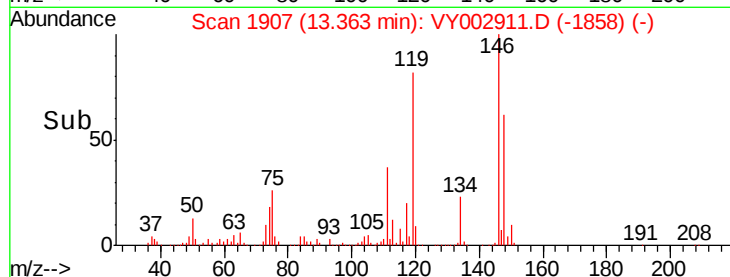
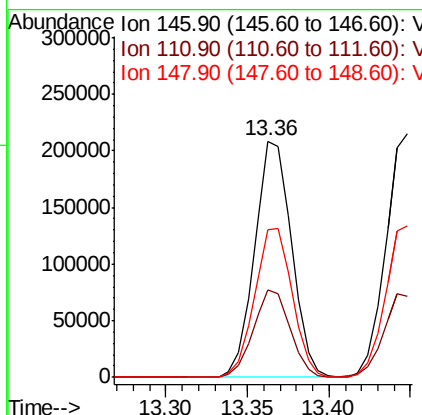
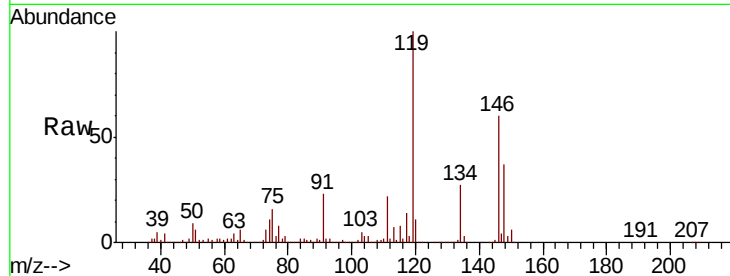




#87
 1,3-Dichlorobenzene
 Concen: 49.757 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

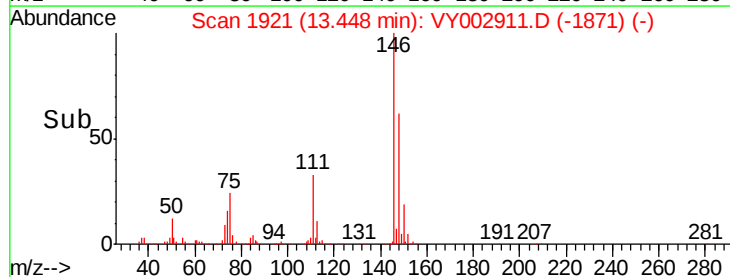
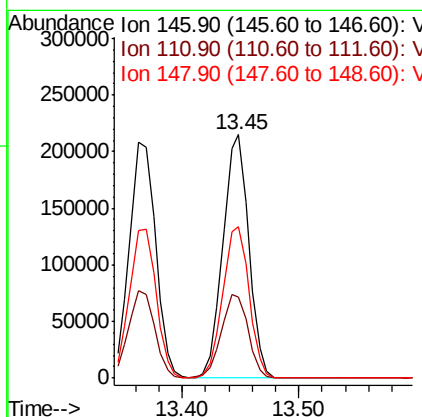
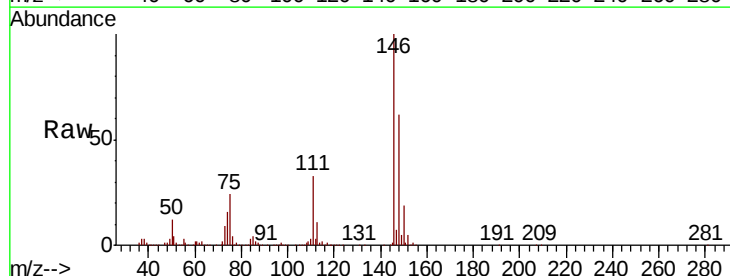
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 327301
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.0
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 50.128 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion:146 Resp: 329853
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.3
 148 63.6 32.1 96.3





#89

n-Butylbenzene

Concen: 50.018 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY002911.D

Acq: 16 Jun 2020 16:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

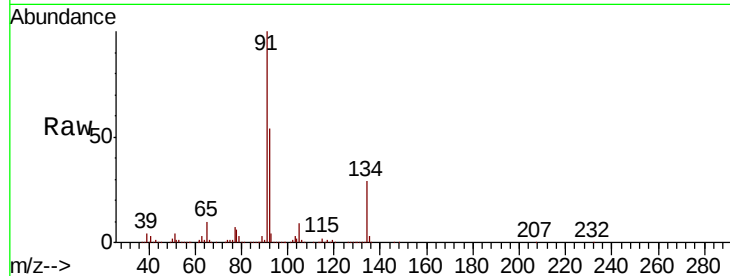
Tot Ion: 91 Resp: 573885

Ion Ratio Lower Upper

91 100

92 53.9 27.1 81.2

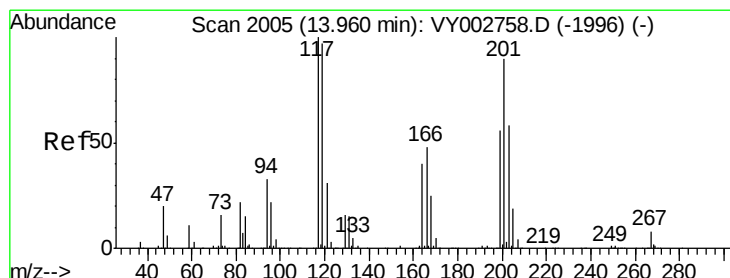
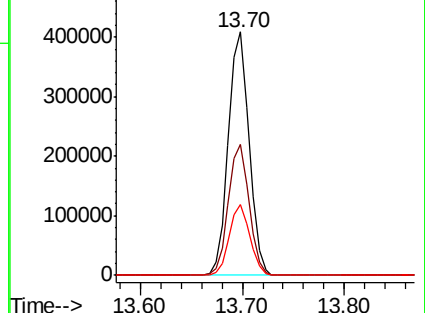
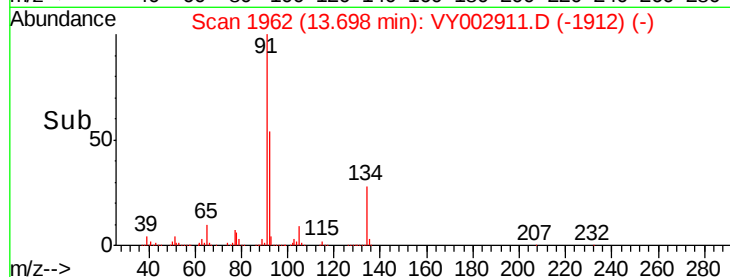
134 28.8 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VY002911.D (-1956) (-)

Ion 92.00 (91.70 to 92.70): VY002911.D (-1956) (-)

Ion 134.00 (133.70 to 134.70): VY002911.D (-1956) (-)



#90

Hexachloroethane

Concen: 50.843 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY002911.D

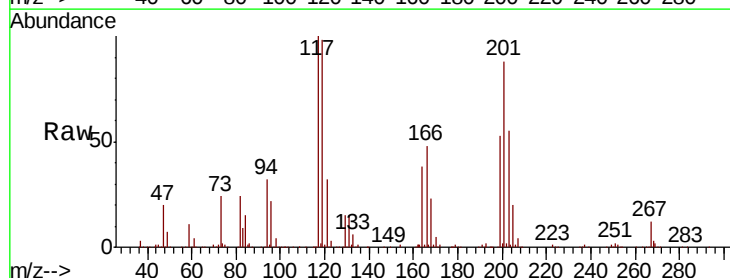
Acq: 16 Jun 2020 16:06

Tgt Ion: 117 Resp: 120288

Ion Ratio Lower Upper

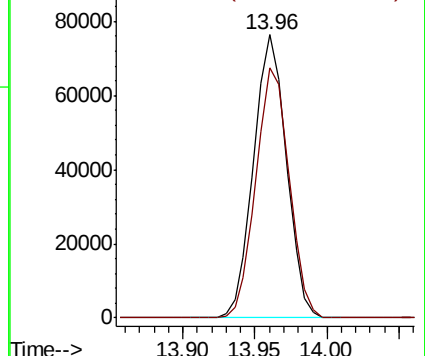
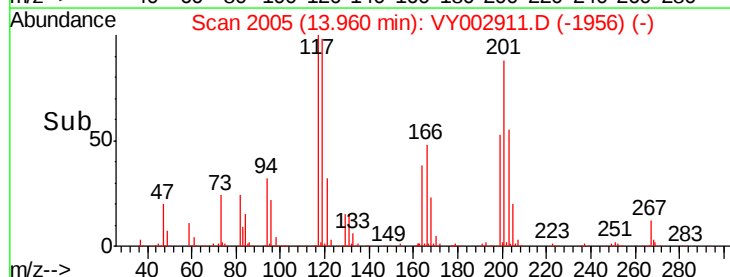
117 100

201 89.9 43.9 131.6



Abundance Ion 116.80 (116.50 to 117.50): VY002911.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY002911.D (-1956) (-)

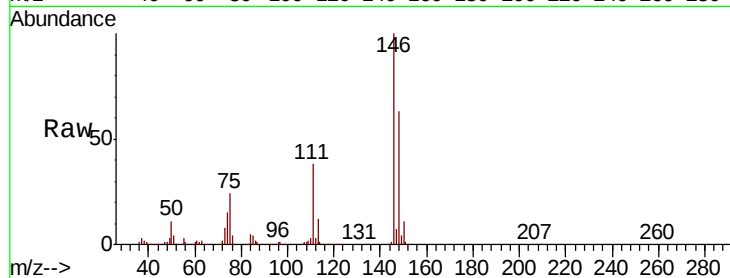




#91
 1,2-Dichlorobenzene
 Concen: 50.793 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.9
148	63.4	31.9	95.5

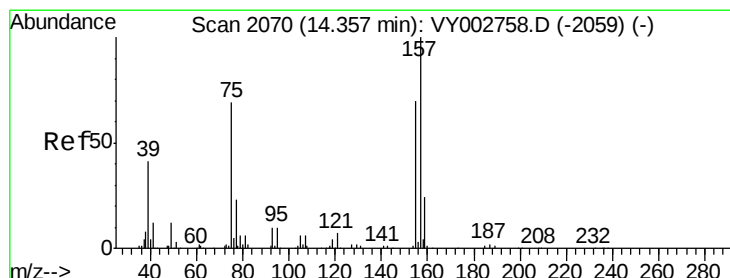
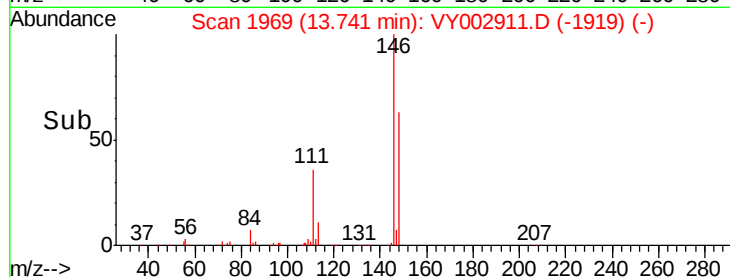
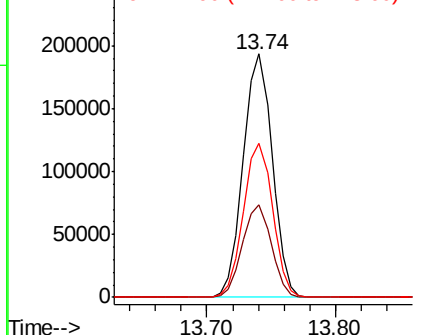


Abundance

Ion 145.90 (145.60 to 146.60): V

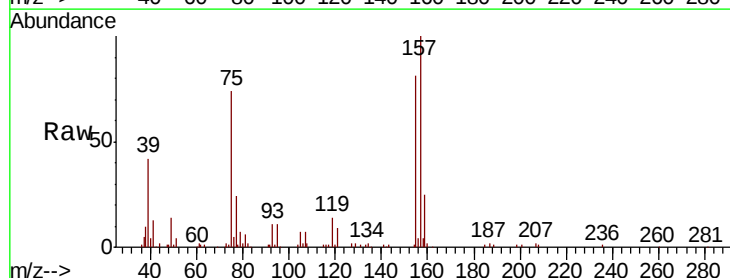
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.838 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.0	53.5	160.5
157	136.2	69.9	209.7

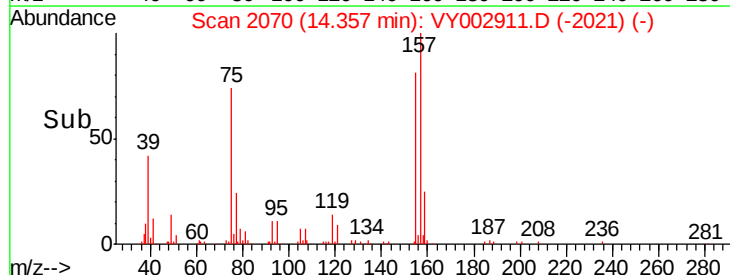
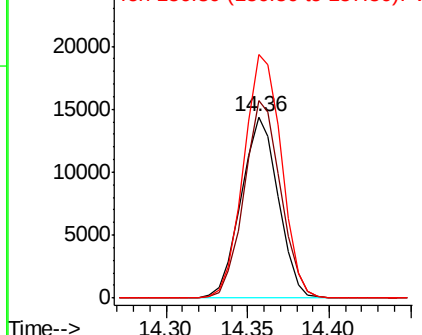


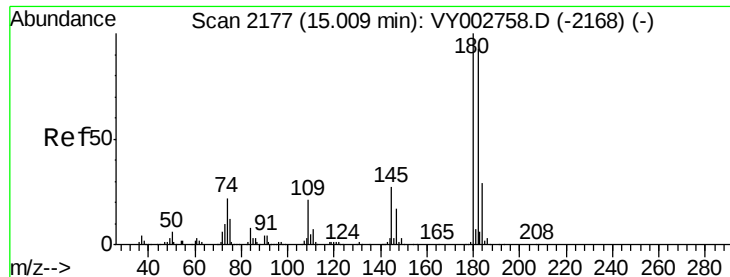
Abundance

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

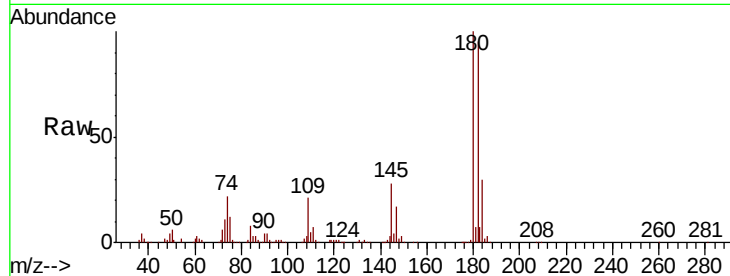




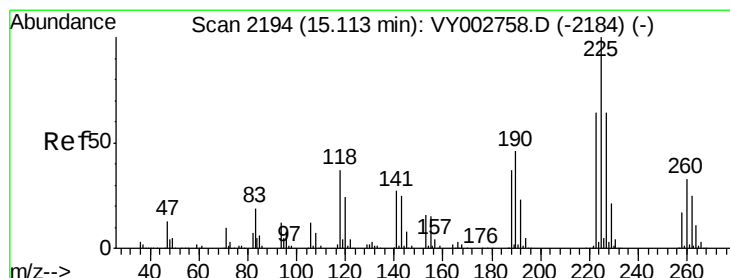
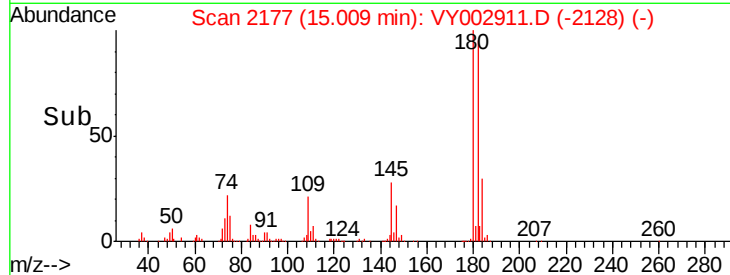
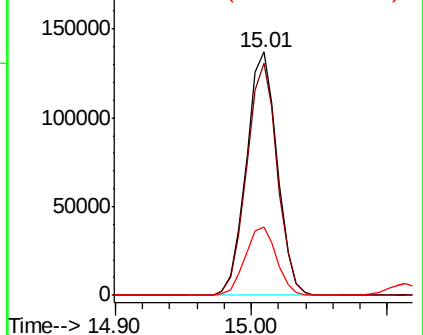
#93
 1,2,4-Trichlorobenzene
 Concen: 48.461 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 217907
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 141.9
 145 28.4 14.1 42.3

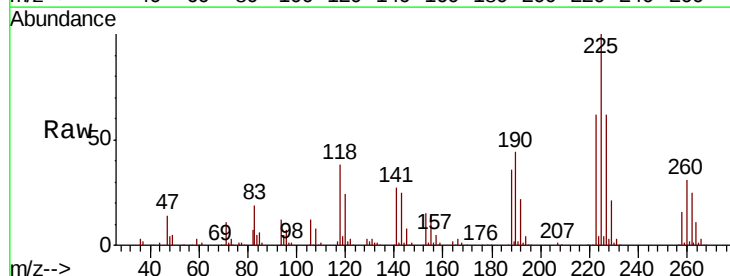


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

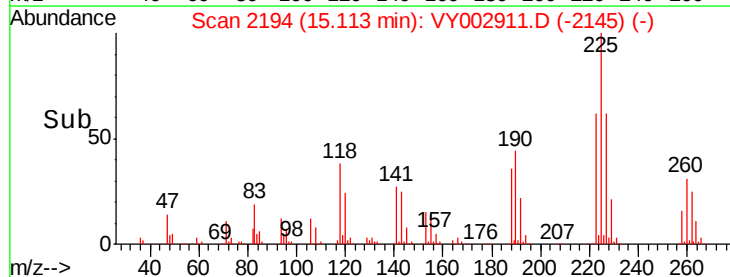
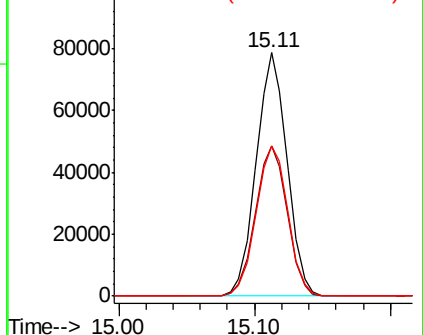


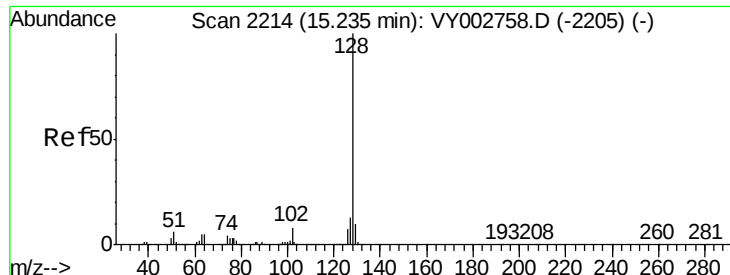
#94
 Hexachlorobutadiene
 Concen: 49.138 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY002911.D
 Acq: 16 Jun 2020 16:06

Tgt Ion:225 Resp: 125318
 Ion Ratio Lower Upper
 225 100
 223 63.2 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

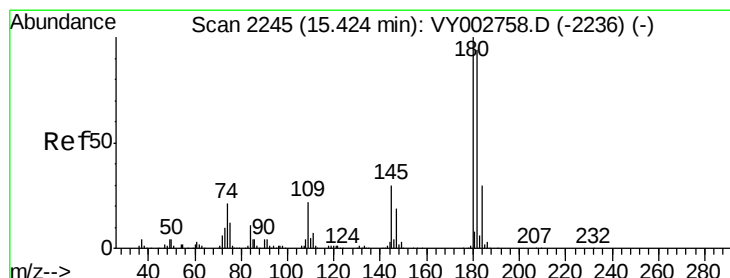
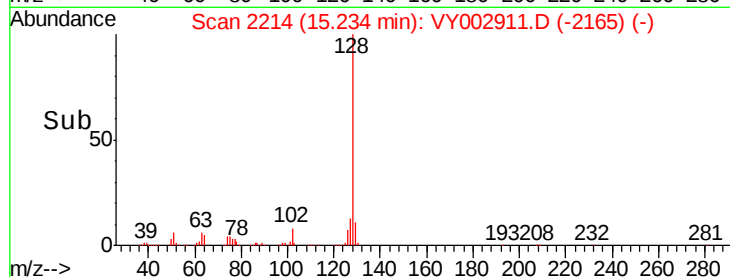
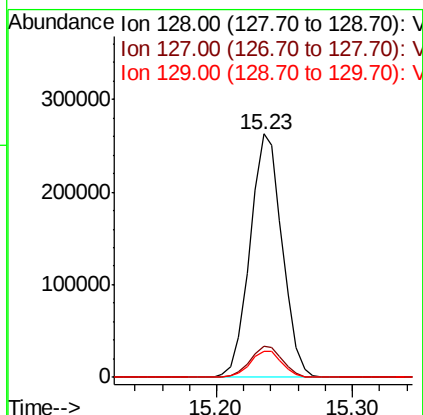
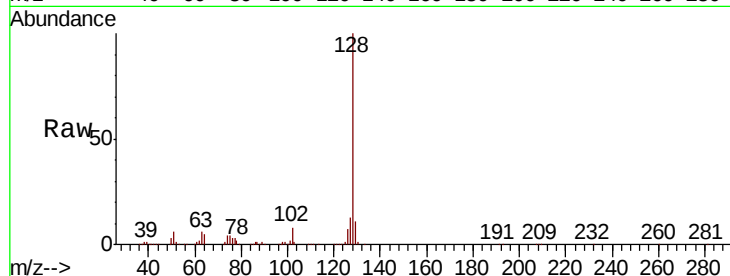




#95
Naphthalene
Concen: 48.162 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 434210
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.167 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY002911.D
Acq: 16 Jun 2020 16:06

Tgt Ion:180 Resp: 193406
Ion Ratio Lower Upper
180 100
182 94.1 48.1 144.4
145 30.0 15.1 45.3

