

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\
 Data File : VY003186.D
 Acq On : 14 Jul 2020 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 04:19:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	520911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	748644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	676503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	353971	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	194783	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	
35) Dibromofluoromethane	7.72	113	193418	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
50) Toluene-d8	10.18	98	713256	44.53	ug/l	0.00
Spiked Amount			Recovery	=	89.06%	
62) 4-Bromofluorobenzene	12.48	95	253023	43.73	ug/l	0.00
Spiked Amount			Recovery	=	87.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	168026	45.005	ug/l	97
3) Chloromethane	2.12	50	240667	46.472	ug/l	99
4) Vinyl Chloride	2.26	62	250007	47.052	ug/l	95
5) Bromomethane	2.66	94	178714	45.283	ug/l	99
6) Chloroethane	2.80	64	162214	46.481	ug/l	100
7) Trichlorofluoromethane	3.13	101	365977	48.230	ug/l	95
8) Diethyl Ether	3.54	74	120175	47.262	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	224278	48.938	ug/l	99
10) Methyl Iodide	4.10	142	237686	47.738	ug/l	99
11) Tert butyl alcohol	4.96	59	101554	213.609	ug/l	98
12) 1,1-Dichloroethene	3.88	96	211984	48.904	ug/l	96
13) Acrolein	3.74	56	98041	237.588	ug/l	98
14) Allyl chloride	4.49	41	333653	51.874	ug/l	98
15) Acrylonitrile	5.17	53	281819	230.728	ug/l	98
16) Acetone	3.96	43	254512	259.155	ug/l	98
17) Carbon Disulfide	4.20	76	656684	49.370	ug/l	99
18) Methyl Acetate	4.49	43	125371	45.968	ug/l	98
19) Methyl tert-butyl Ether	5.23	73	574496	47.294	ug/l	100
20) Methylene Chloride	4.72	84	248163	50.250	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	235487	48.031	ug/l	95
22) Diisopropyl ether	6.13	45	721156	50.519	ug/l	96
23) Vinyl Acetate	6.07	43	2345642	246.533	ug/l	99
24) 1,1-Dichloroethane	6.03	63	412596	49.890	ug/l	99
25) 2-Butanone	6.99	43	379208	235.169	ug/l	99
26) 2,2-Dichloropropane	6.99	77	381297	51.195	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	259708	48.112	ug/l	97
28) Bromochloromethane	7.34	49	170008	47.481	ug/l	97
29) Tetrahydrofuran	7.35	42	256605	236.885	ug/l	98
30) Chloroform	7.52	83	416986	48.955	ug/l	97
31) Cyclohexane	7.79	56	390279	48.803	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	381411	49.740	ug/l	99
36) 1,1-Dichloropropene	7.93	75	334904	49.358	ug/l	100
37) Ethyl Acetate	7.08	43	178868	48.951	ug/l	98
38) Carbon Tetrachloride	7.91	117	349127	49.842	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	421047	49.397	ug/l	98
40) Benzene	8.16	78	923825	49.448	ug/l	97
41) Methacrylonitrile	7.33	41	111220m	50.538	ug/l	
42) 1,2-Dichloroethane	8.24	62	275398	47.881	ug/l	100
43) Isopropyl Acetate	8.28	43	336554	47.584	ug/l	99
44) Trichloroethene	8.94	130	273800	47.806	ug/l	96
45) 1,2-Dichloropropane	9.22	63	235290	48.671	ug/l	98
46) Dibromomethane	9.31	93	133070	47.129	ug/l	100
47) Bromodichloromethane	9.50	83	334408	49.798	ug/l	99
48) Methyl methacrylate	9.30	41	153032	48.398	ug/l	96
49) 1,4-Dioxane	9.30	88	33887	945.633	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	875360	238.112	ug/l	100
52) Toluene	10.25	92	588477	49.280	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	342675	49.252	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	400011	49.898	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	186621	46.643	ug/l	95
56) Ethyl methacrylate	10.51	69	269563	49.556	ug/l	98
57) 1,3-Dichloropropane	10.79	76	321089	47.330	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	633159	228.233	ug/l	99
59) 2-Hexanone	10.83	43	625789	243.849	ug/l	98
60) Dibromochloromethane	10.99	129	243501	48.387	ug/l	100
61) 1,2-Dibromoethane	11.09	107	183677	46.514	ug/l	99
64) Tetrachloroethene	10.72	164	285431	47.320	ug/l	99
65) Chlorobenzene	11.52	112	643092	49.345	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	249106	49.214	ug/l	99
67) Ethyl Benzene	11.60	91	1170583	50.306	ug/l	100
68) m/p-Xylenes	11.70	106	879287	99.590	ug/l	99
69) o-Xylene	12.03	106	409542	49.652	ug/l	99
70) Styrene	12.05	104	711163	50.401	ug/l	100
71) Bromoform	12.21	173	157417	47.384	ug/l	98
73) Isopropylbenzene	12.33	105	1139630	50.521	ug/l	99
74) N-amyl acetate	12.14	43	318812	50.371	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	208412	47.838	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	157898m	50.394	ug/l	
77) Bromobenzene	12.61	156	282359	49.106	ug/l	99
78) n-propylbenzene	12.67	91	1370584	51.546	ug/l	99
79) 2-Chlorotoluene	12.75	91	753000	50.757	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	945519	50.292	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	79222	49.208	ug/l #	75
82) 4-Chlorotoluene	12.85	91	783173	50.578	ug/l	100
83) tert-Butylbenzene	13.08	119	836641	50.434	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	958401	50.665	ug/l	100
85) sec-Butylbenzene	13.25	105	1168653	51.255	ug/l	100
86) p-Isopropyltoluene	13.37	119	1079018	50.684	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	540734	49.730	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	530041	49.236	ug/l	100
89) n-Butylbenzene	13.70	91	1029847	51.428	ug/l	100
90) Hexachloroethane	13.96	117	201973	52.096	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	466415	48.879	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31155	44.110	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

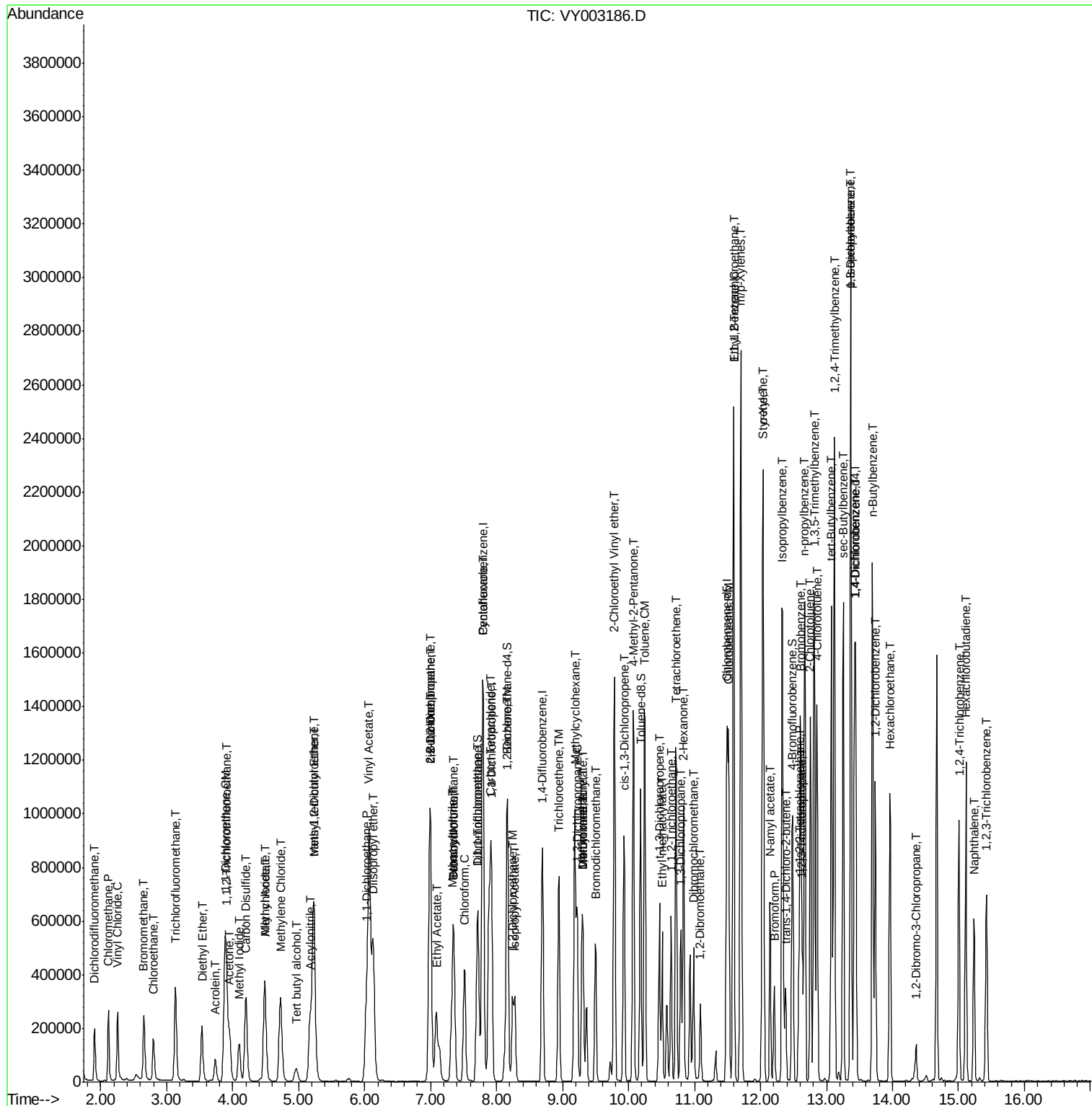
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	319249	47.029	ug/l	99
94) Hexachlorobutadiene	15.11	225	231000	49.662	ug/l	99
95) Naphthalene	15.23	128	490687	43.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	236189	44.015	ug/l	99

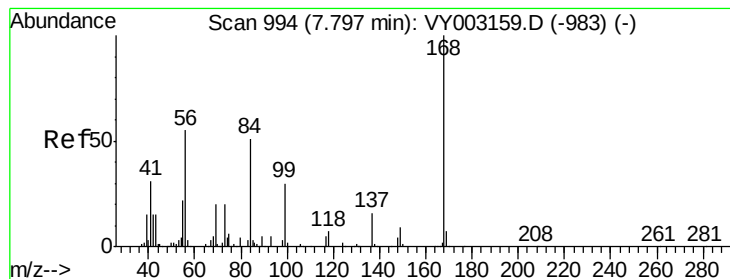
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

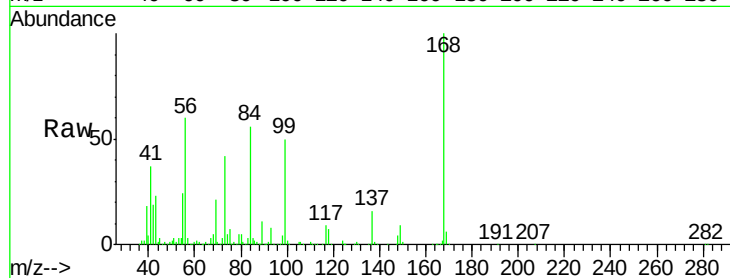
VSTDCCC050

Tot Ion:168 Resp: 520911

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

250000

200000

150000

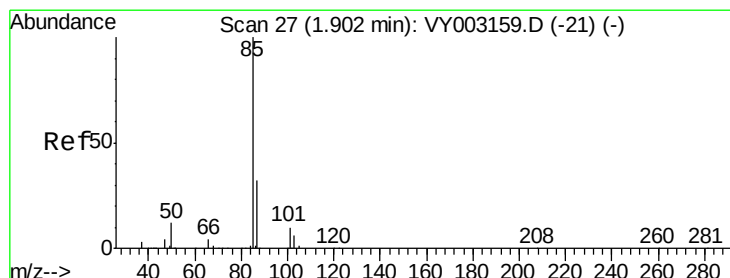
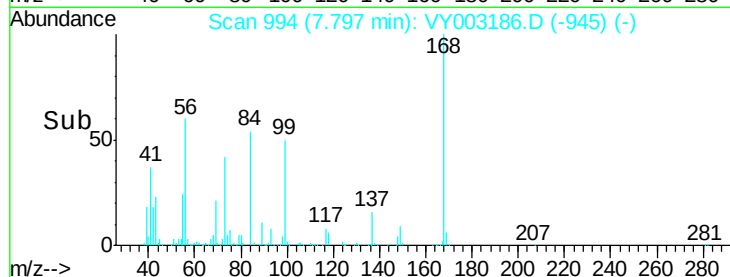
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 45.005 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003186.D

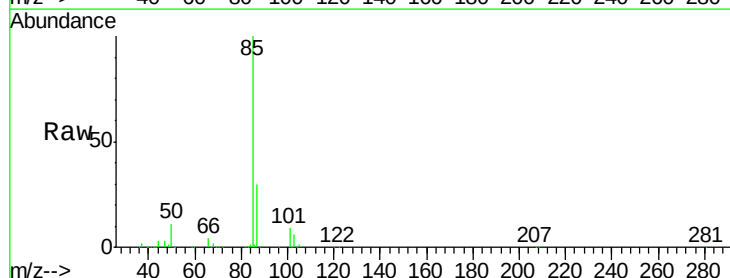
Acq: 14 Jul 2020 10:24

Tgt Ion: 85 Resp: 168026

Ion Ratio Lower Upper

85 100

87 30.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

120000

100000

80000

60000

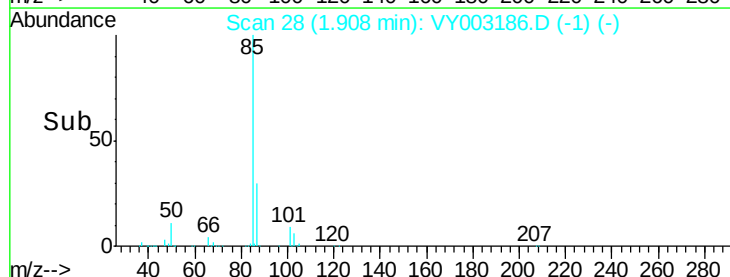
40000

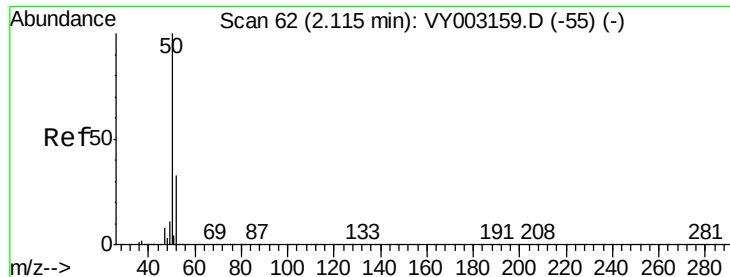
20000

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 46.472 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

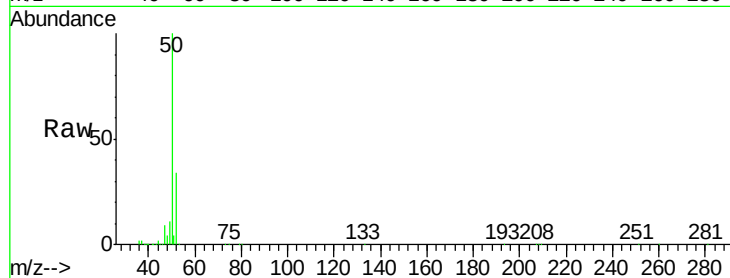
VSTDCCC050

Tot Ion: 50 Resp: 240667

Ion Ratio Lower Upper

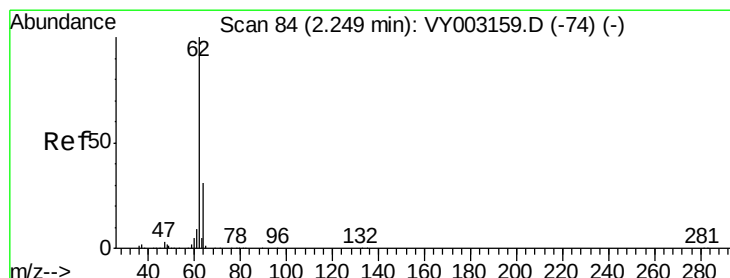
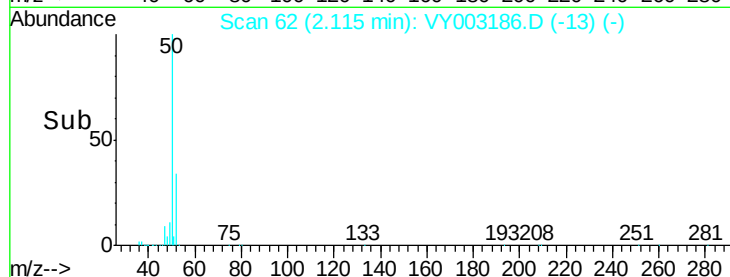
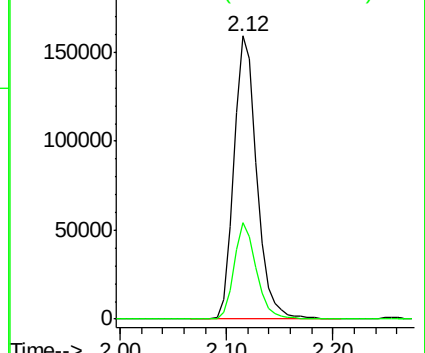
50 100

52 33.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 47.052 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003186.D

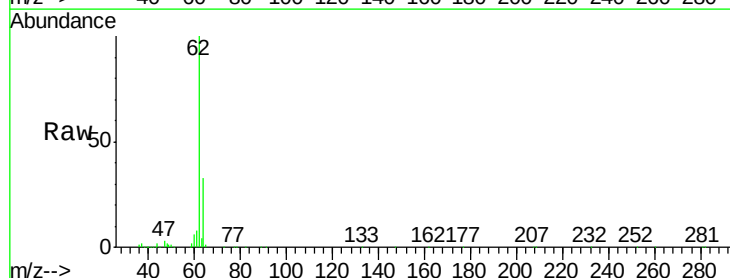
Acq: 14 Jul 2020 10:24

Tgt Ion: 62 Resp: 250007

Ion Ratio Lower Upper

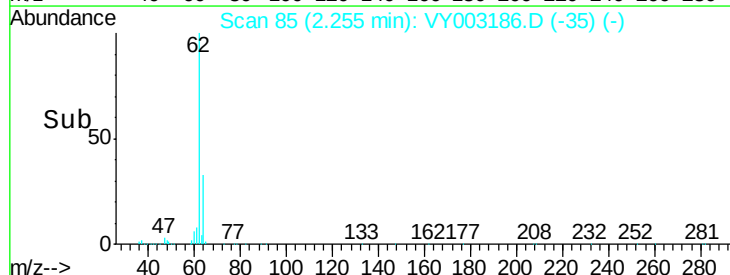
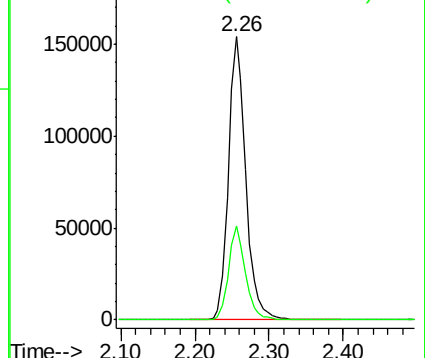
62 100

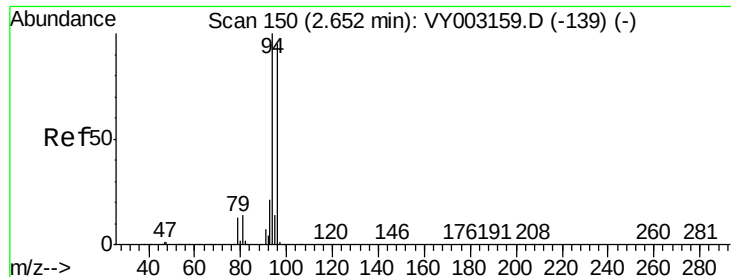
64 33.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.283 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

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ClientSampleId :

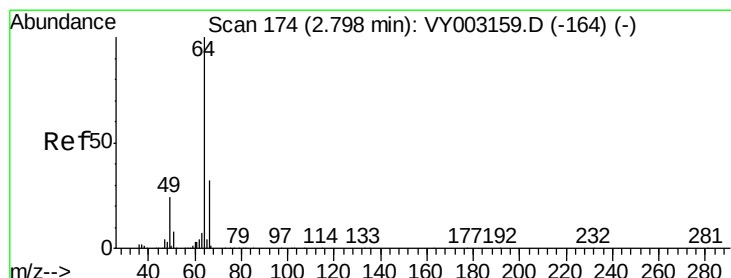
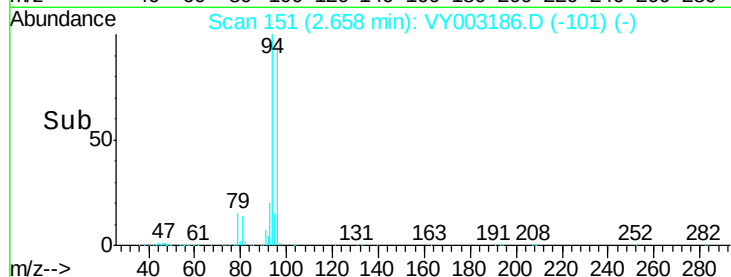
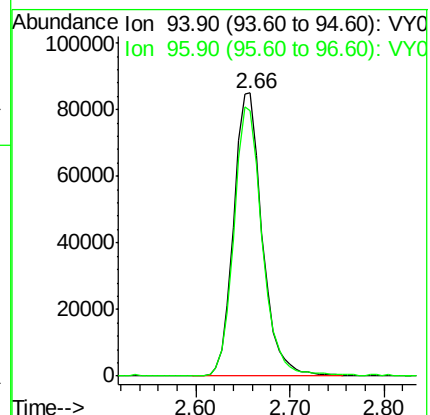
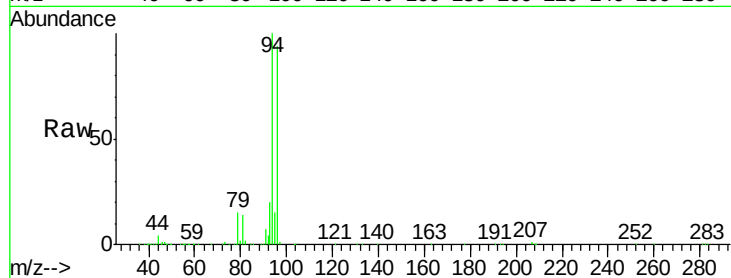
VSTDCCC050

Tot Ion: 94 Resp: 178714

Ion Ratio Lower Upper

94 100

96 93.9 76.0 114.0



#6

Chloroethane

Concen: 46.481 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003186.D

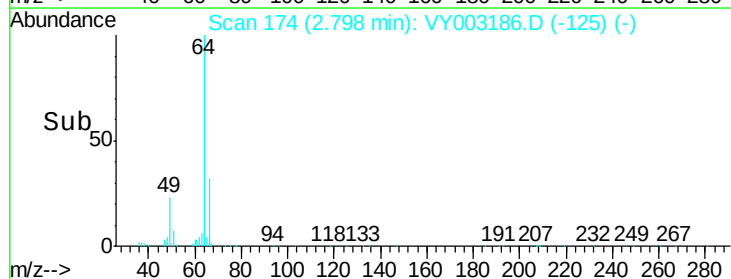
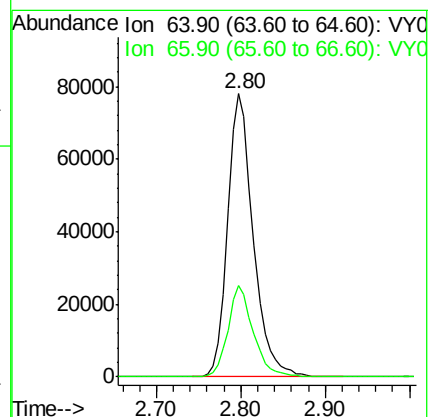
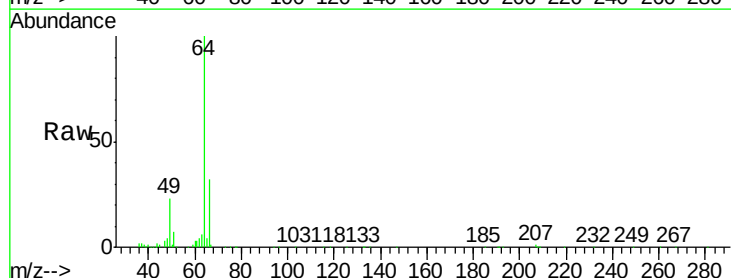
Acq: 14 Jul 2020 10:24

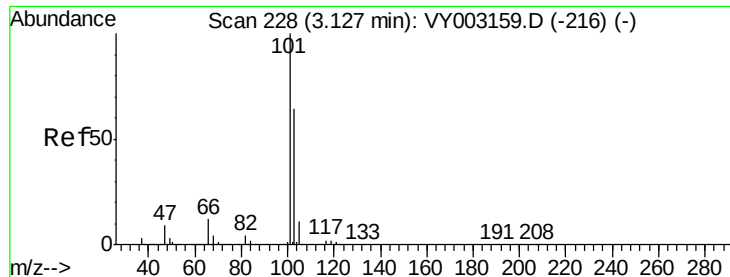
Tgt Ion: 64 Resp: 162214

Ion Ratio Lower Upper

64 100

66 32.4 26.0 39.0



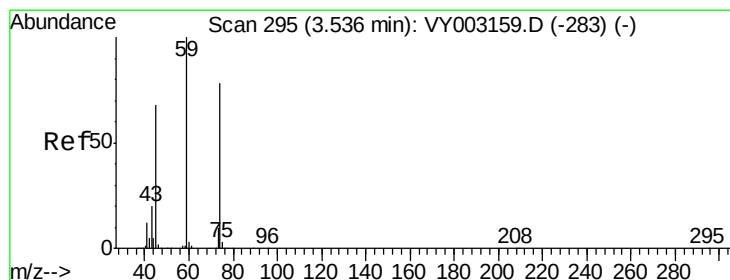
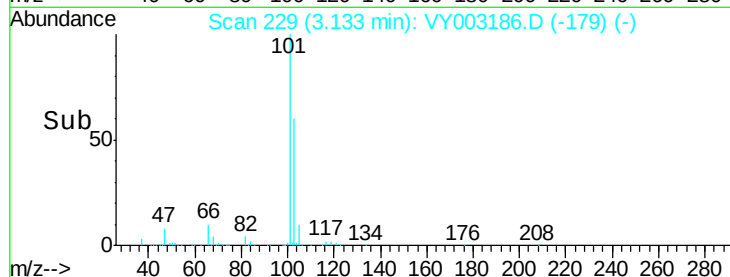
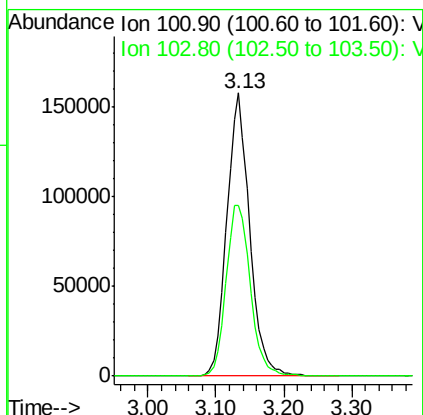
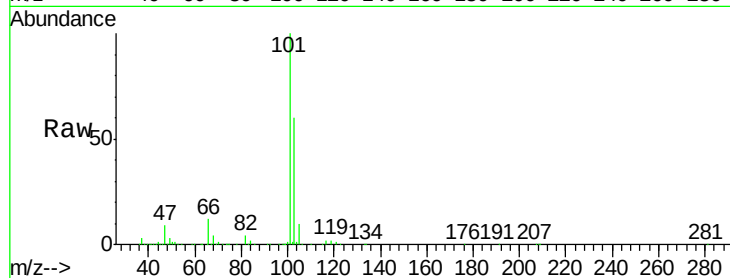


#7

Trichlorofluoromethane
Concen: 48.230 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

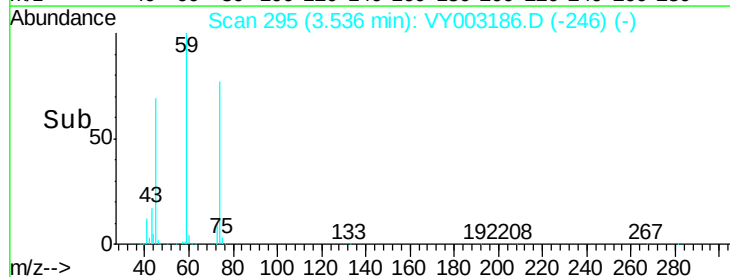
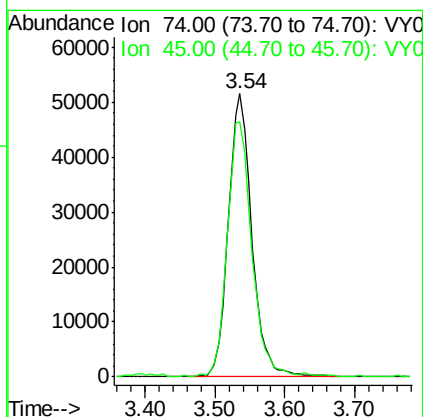
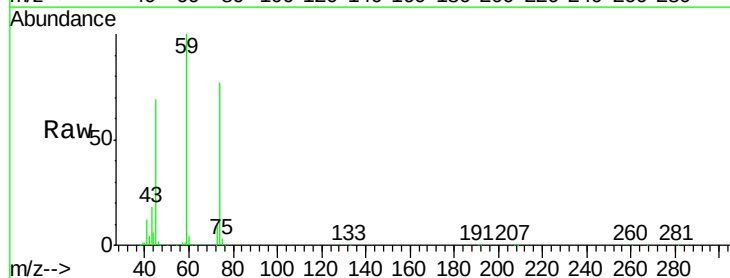
Tot Ion:101 Resp: 365977
Ion Ratio Lower Upper
101 100
103 60.4 51.3 76.9

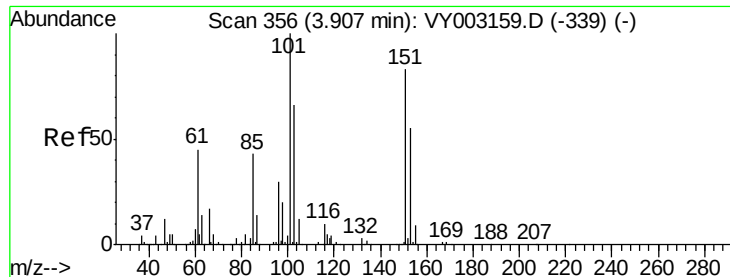


#8

Diethyl Ether
Concen: 47.262 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 74 Resp: 120175
Ion Ratio Lower Upper
74 100
45 93.1 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.938 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

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VSTDCCC050

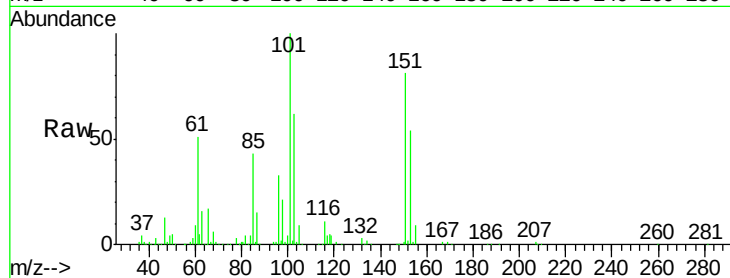
Tot Ion:101 Resp: 224278

Ion Ratio Lower Upper

101 100

85 43.1 34.9 52.3

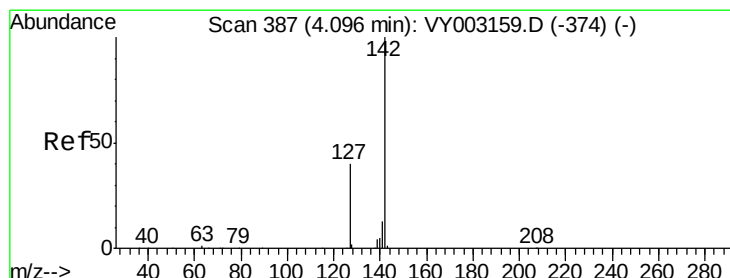
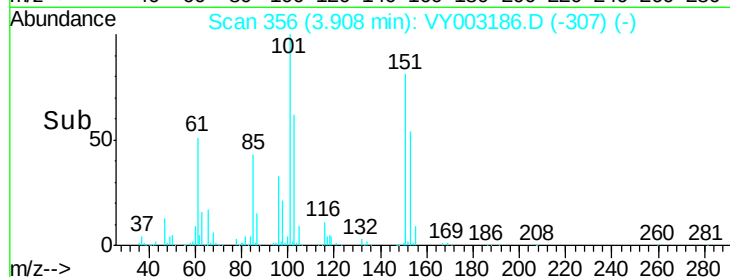
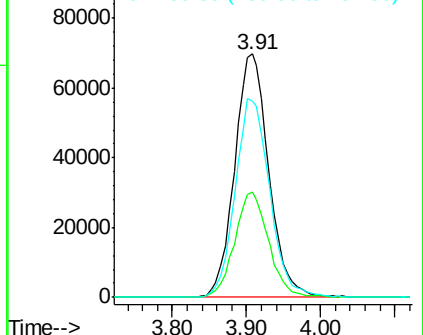
151 82.6 67.0 100.6



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: 47.738 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

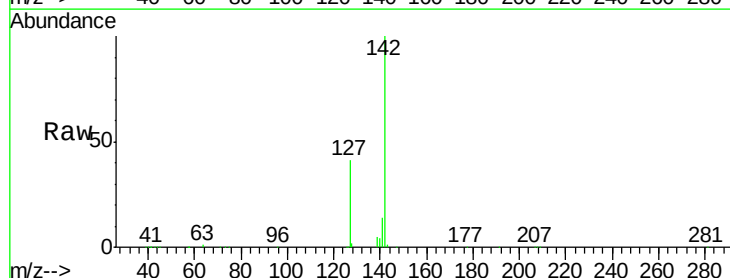
Tgt Ion:142 Resp: 237686

Ion Ratio Lower Upper

142 100

127 40.9 33.5 50.3

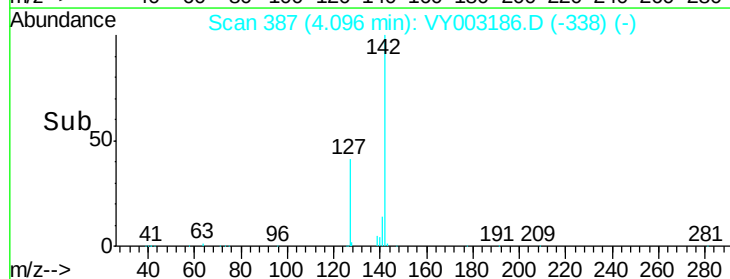
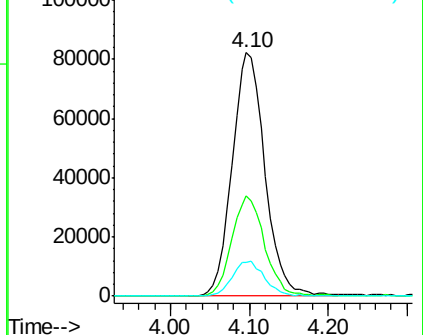
141 14.3 11.2 16.8

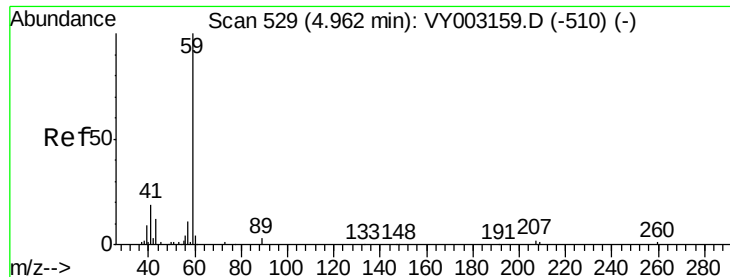


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



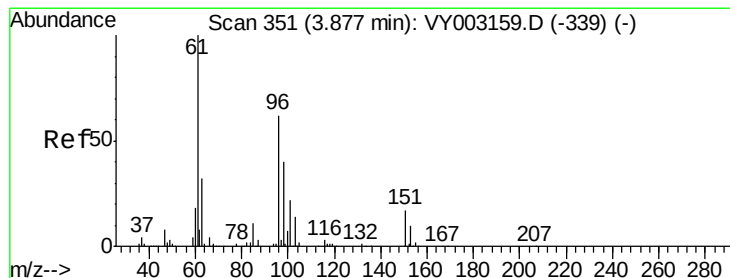
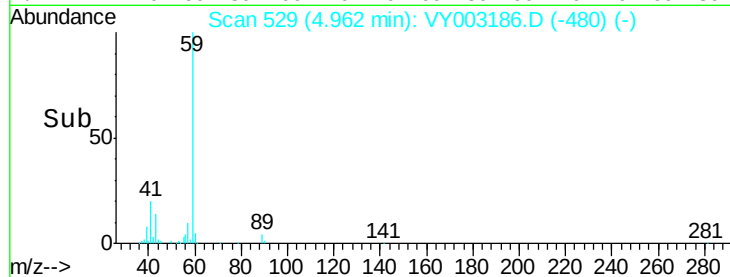
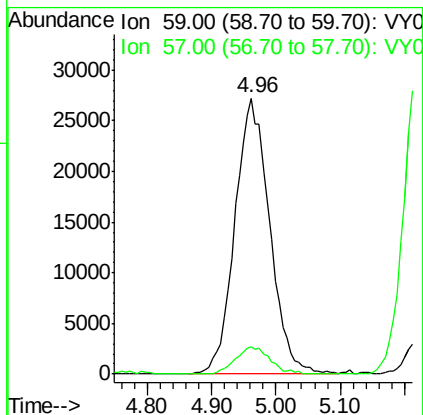
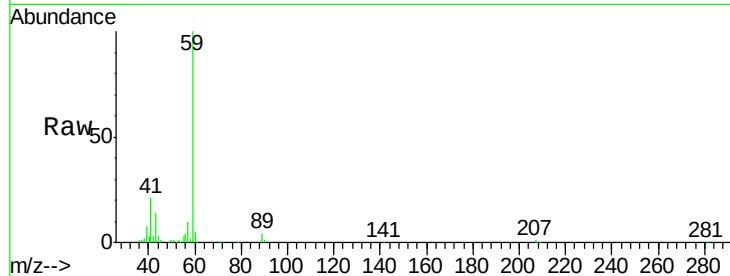


#11

Tert butyl alcohol
 Concen: 213.609 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

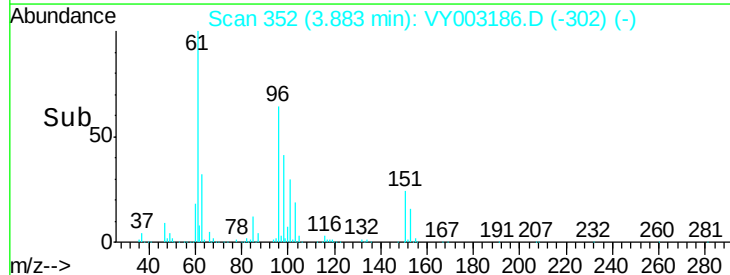
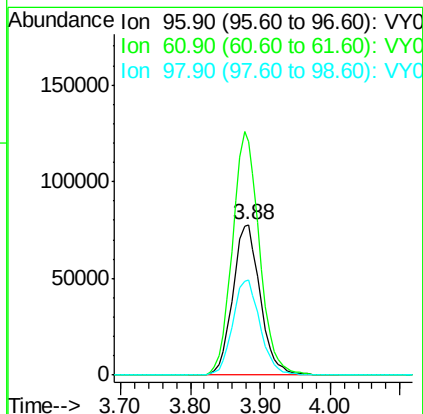
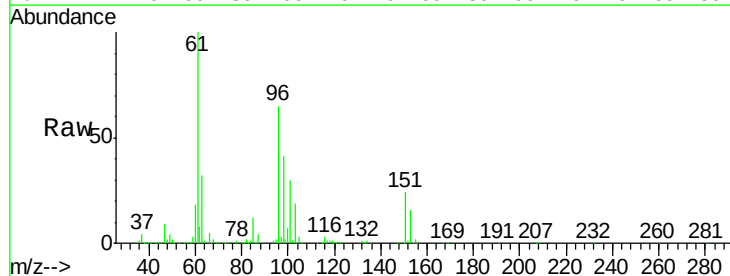
Tot Ion: 59 Resp: 101554
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.4 12.6

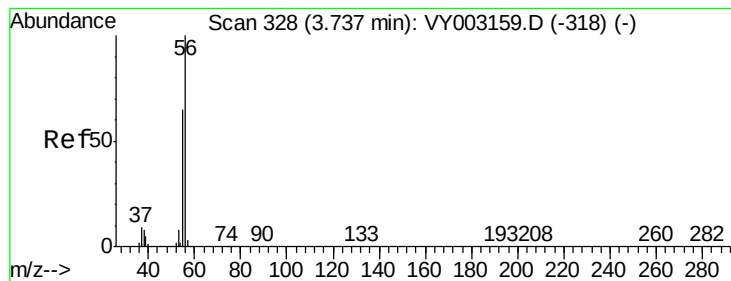


#12

1,1-Dichloroethene
 Concen: 48.904 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion: 96 Resp: 211984
 Ion Ratio Lower Upper
 96 100
 61 155.0 128.6 193.0
 98 63.1 51.6 77.4





#13

Acrolein

Concen: 237.588 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

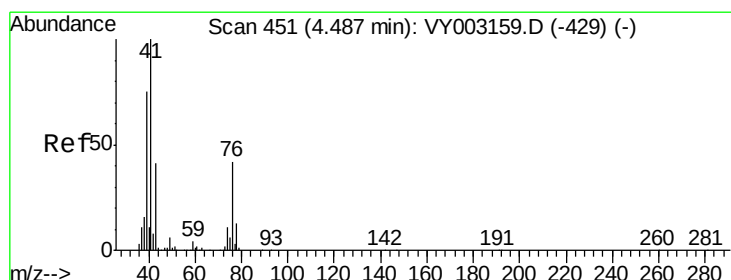
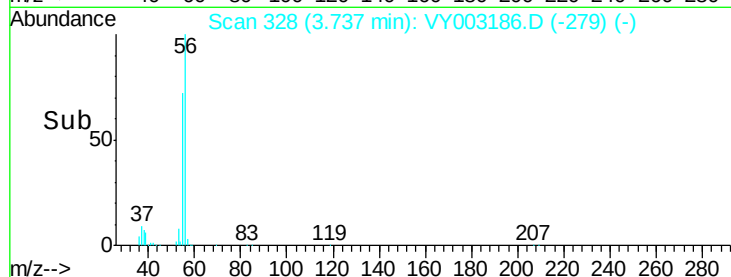
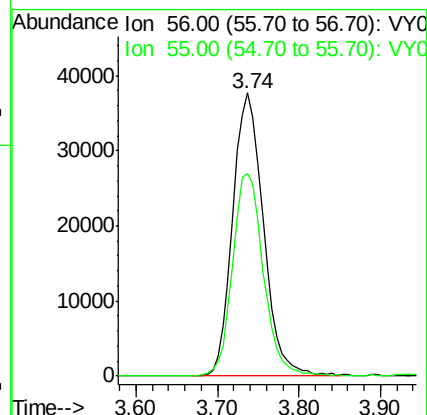
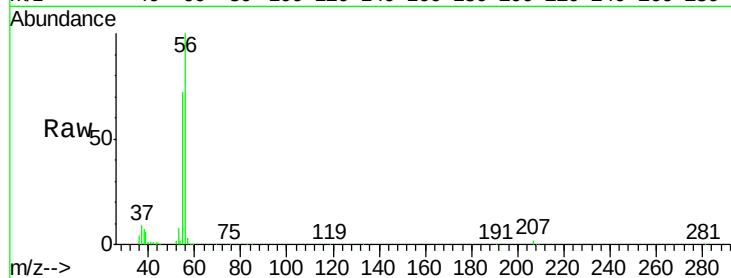
VSTDCCC050

Tot Ion: 56 Resp: 98041

Ion Ratio Lower Upper

56 100

55 71.9 56.0 84.0



#14

Allyl chloride

Concen: 51.874 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

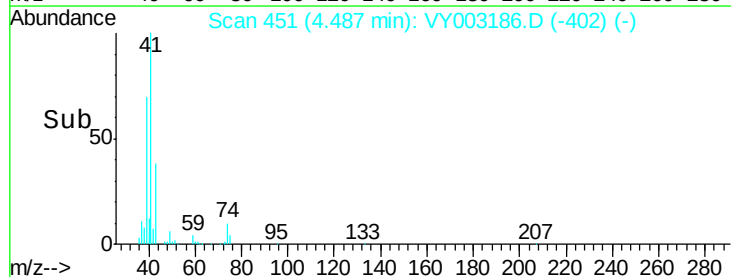
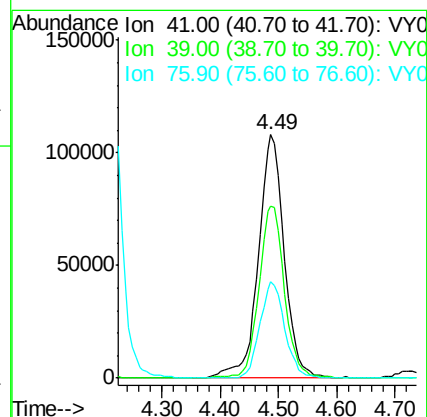
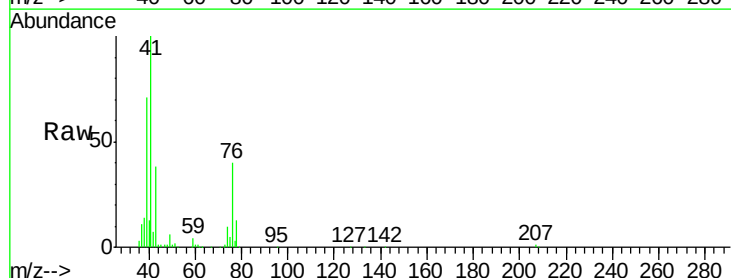
Tgt Ion: 41 Resp: 333653

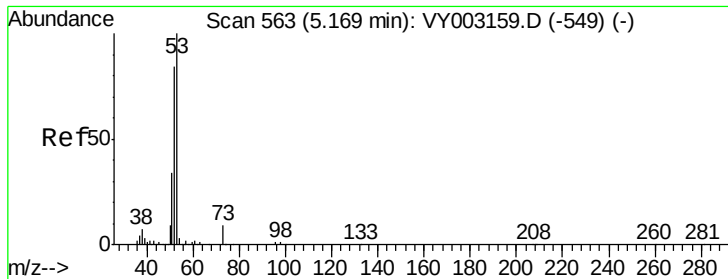
Ion Ratio Lower Upper

41 100

39 69.8 56.6 85.0

76 37.9 31.6 47.4





#15

Acrylonitrile

Concen: 230.728 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

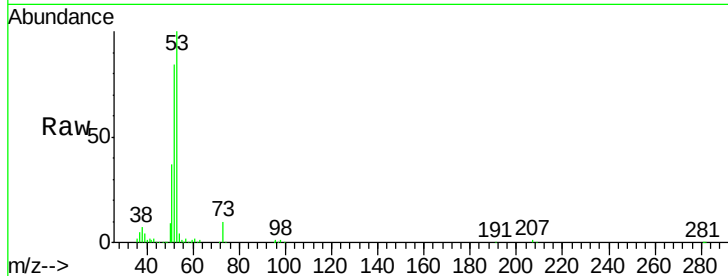
Tot Ion: 53 Resp: 281819

Ion Ratio Lower Upper

53 100

52 83.8 65.8 98.6

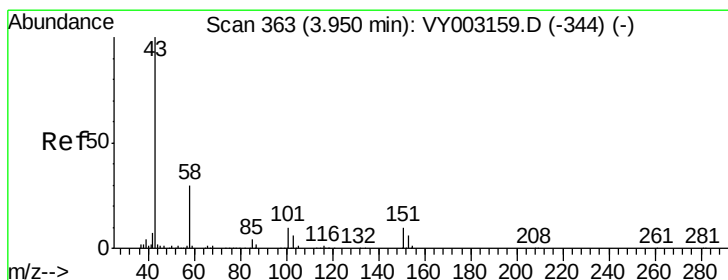
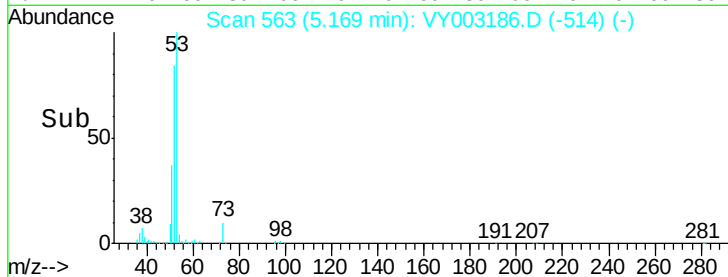
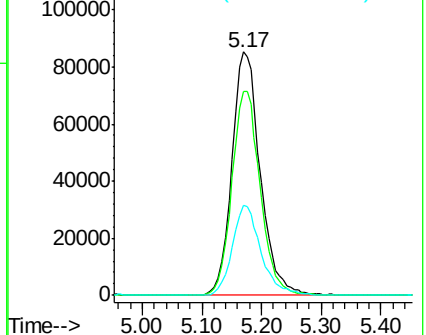
51 37.5 29.0 43.4



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: 259.155 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003186.D

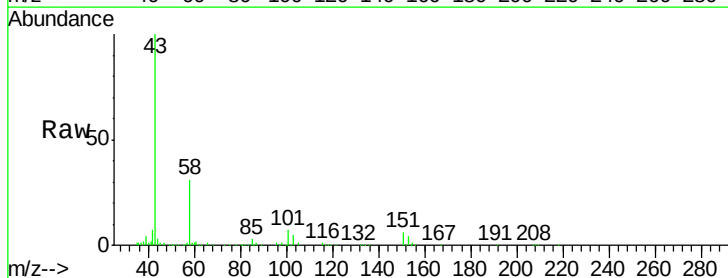
Acq: 14 Jul 2020 10:24

Tgt Ion: 43 Resp: 254512

Ion Ratio Lower Upper

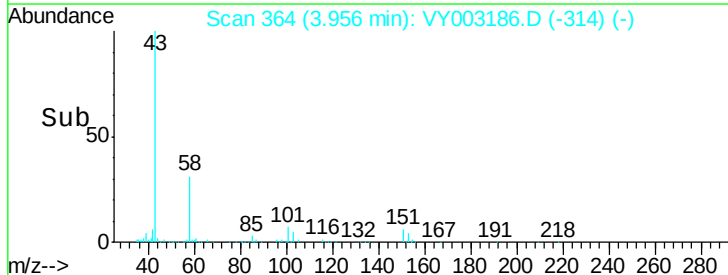
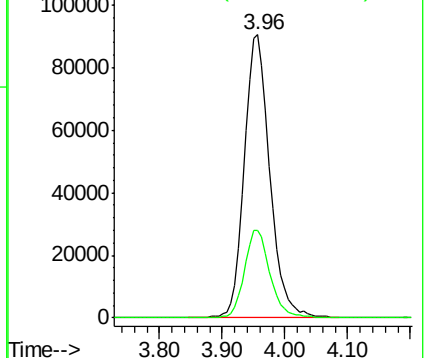
43 100

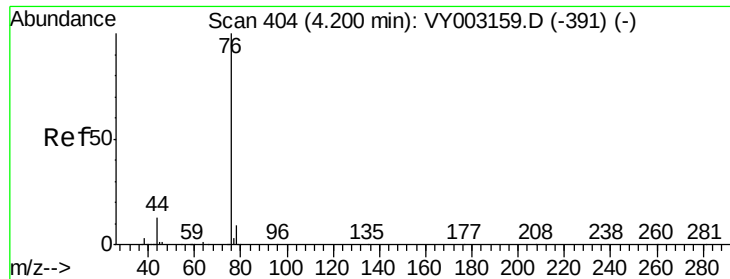
58 30.8 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

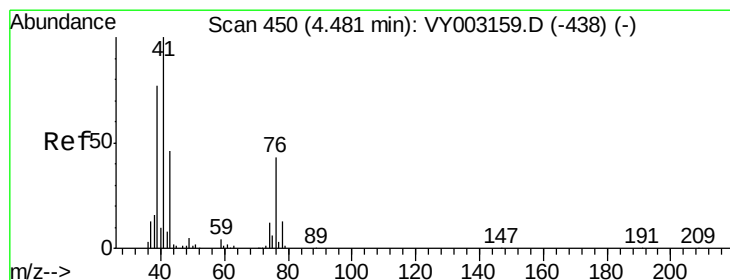
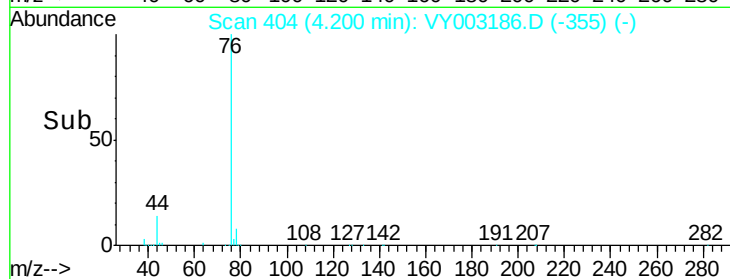
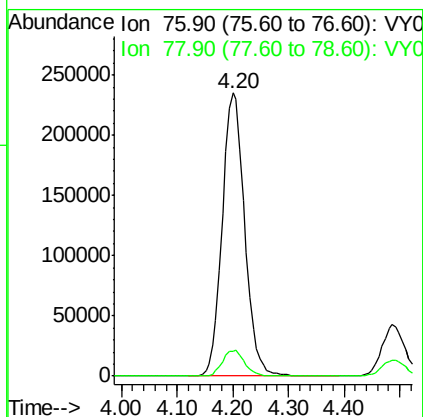
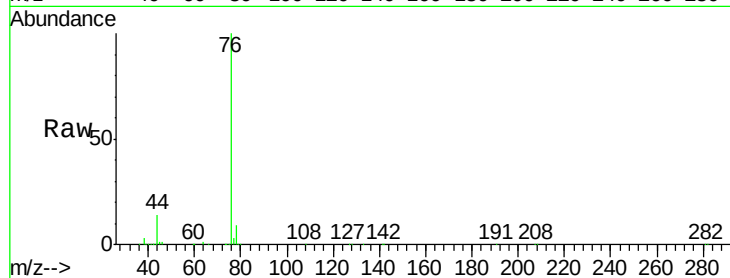




#17
Carbon Disulfide
Concen: 49.370 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

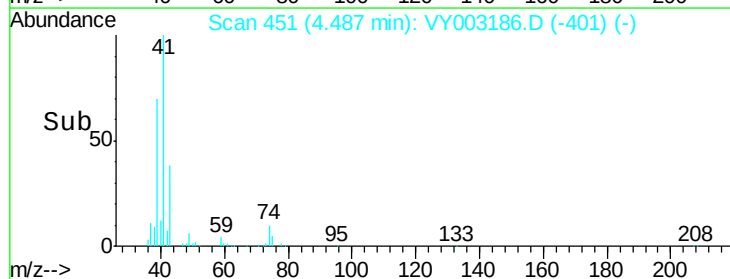
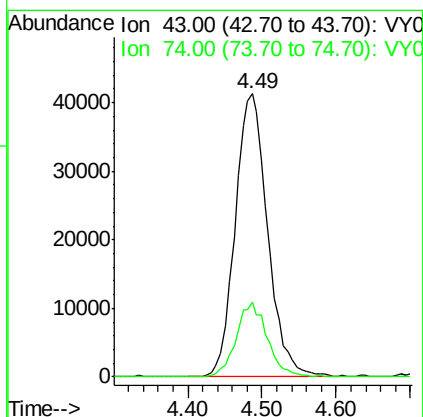
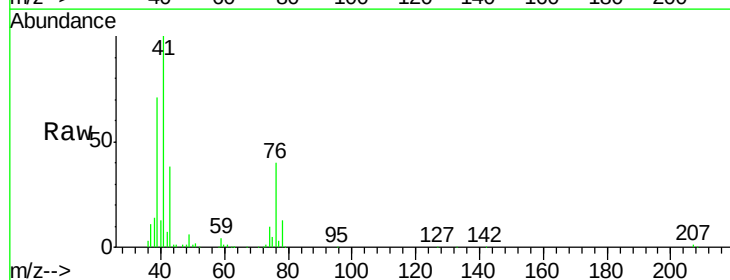
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

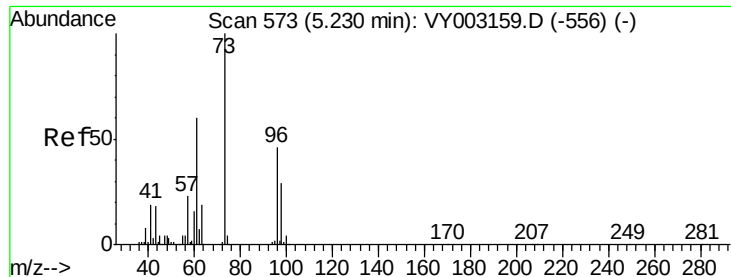
Tot Ion: 76 Resp: 656684
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 45.968 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 43 Resp: 125371
Ion Ratio Lower Upper
43 100
74 25.2 20.8 31.2

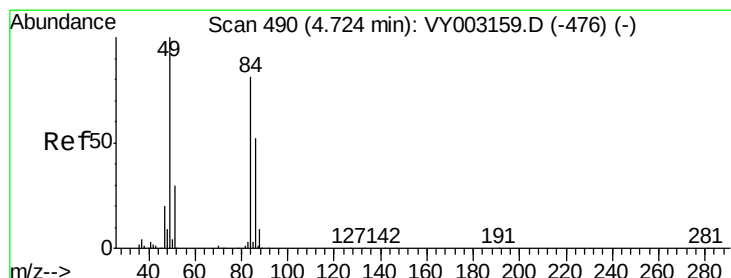
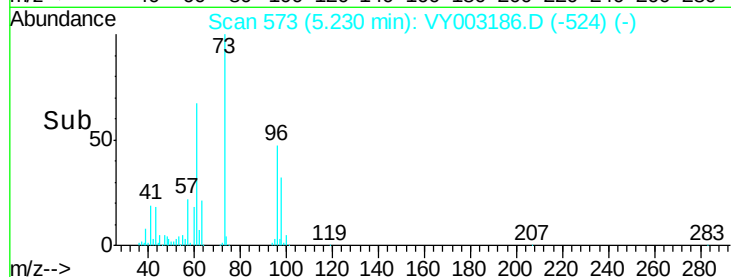
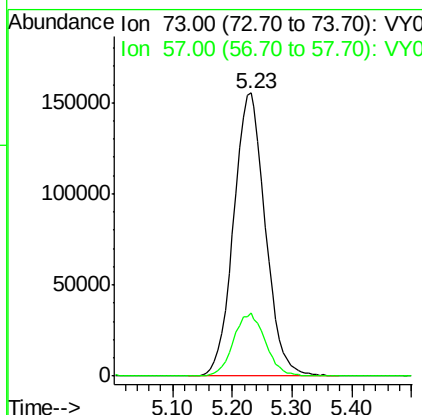
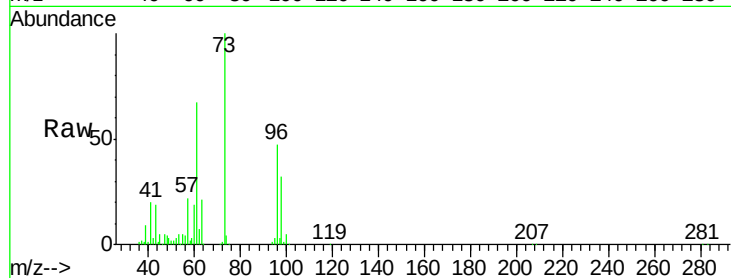




#19
Methyl tert-butyl Ether
Concen: 47.294 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

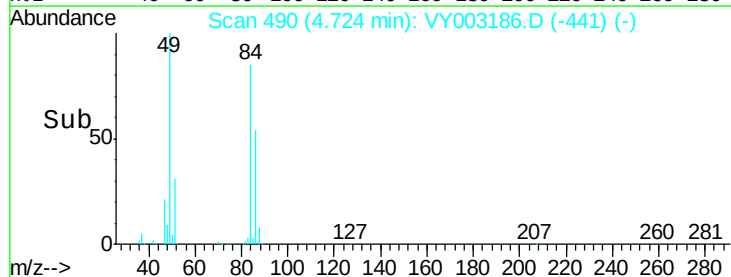
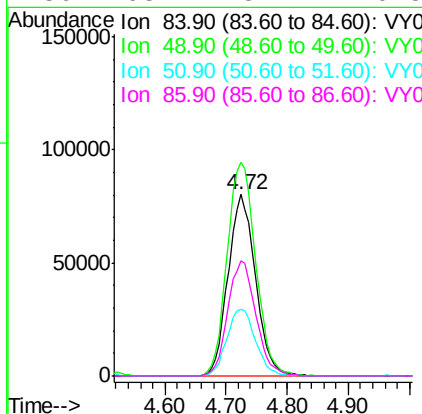
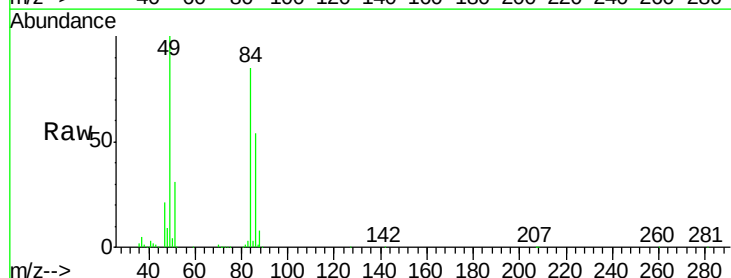
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

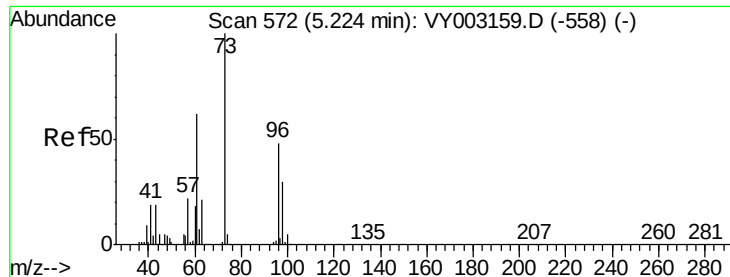
Tot Ion: 73 Resp: 574496
Ion Ratio Lower Upper
73 100
57 22.5 18.1 27.1



#20
Methylene Chloride
Concen: 50.250 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 84 Resp: 248163
Ion Ratio Lower Upper
84 100
49 117.7 98.2 147.4
51 36.8 29.8 44.6
86 63.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.031 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

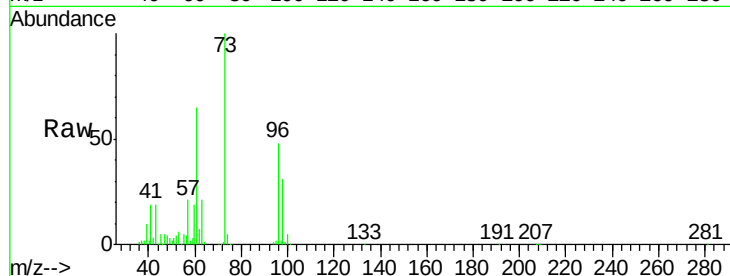
Tot Ion: 96 Resp: 235487

Ion Ratio Lower Upper

96 100

61 134.7 102.5 153.7

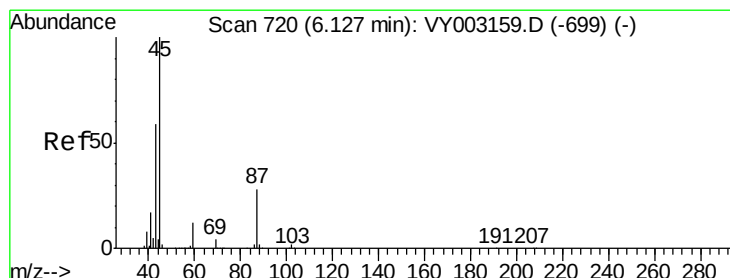
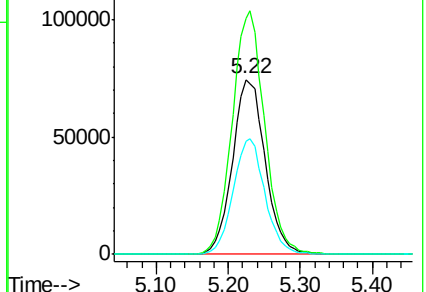
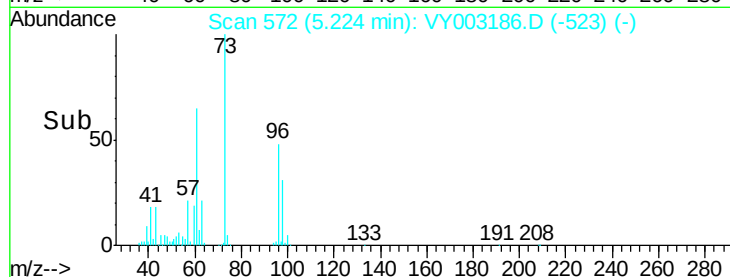
98 64.7 49.8 74.8



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: 50.519 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Tgt Ion: 45 Resp: 721156

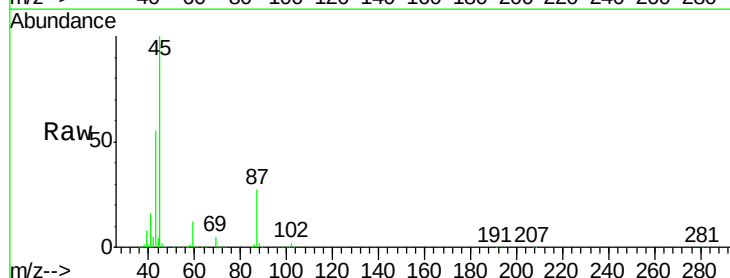
Ion Ratio Lower Upper

45 100

43 55.2 47.0 70.4

87 27.0 22.6 33.8

59 12.0 9.8 14.6

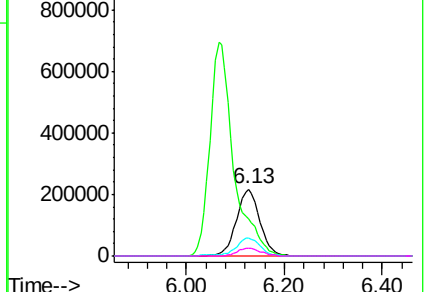
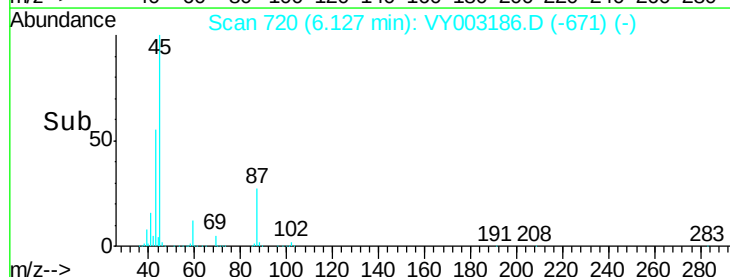


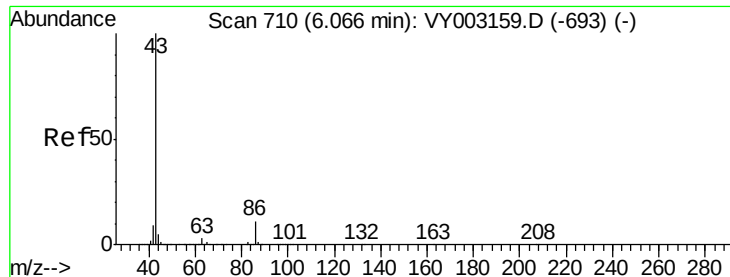
Abundance Ion 45.00 (44.70 to 45.70): VY0

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: 246.533 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

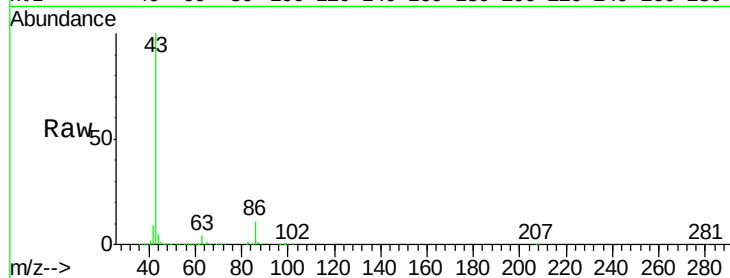
VSTDCCC050

Tot Ion: 43 Resp: 2345642

Ion Ratio Lower Upper

43 100

86 10.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

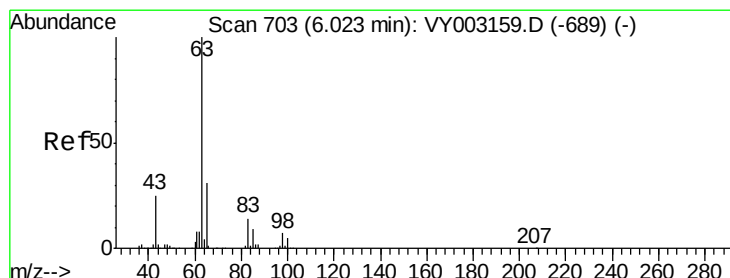
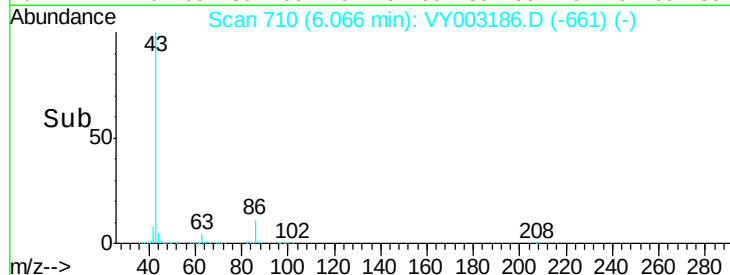
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.890 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

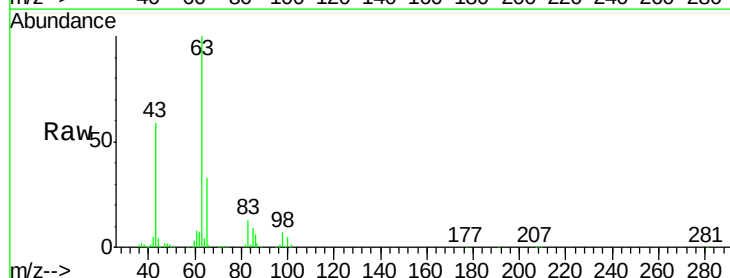
Tgt Ion: 63 Resp: 412596

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.7 2.4 7.2



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

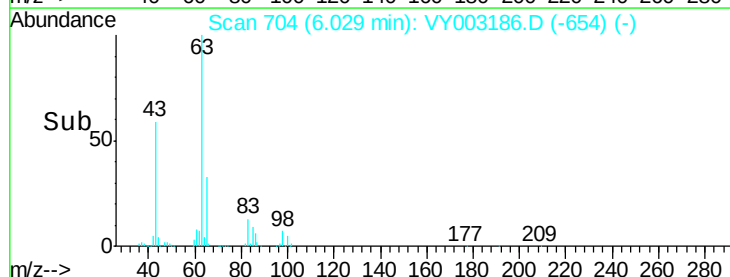
150000

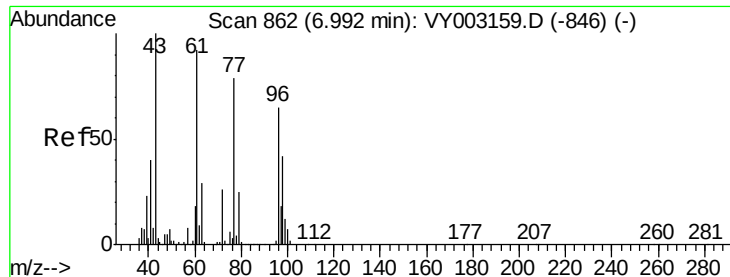
100000

50000

0

Time-->

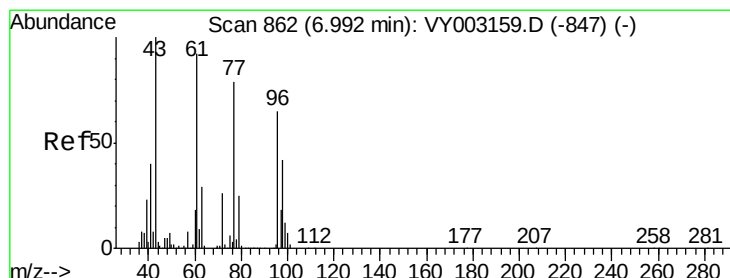
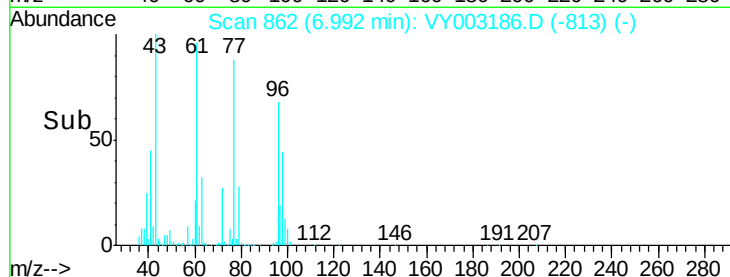
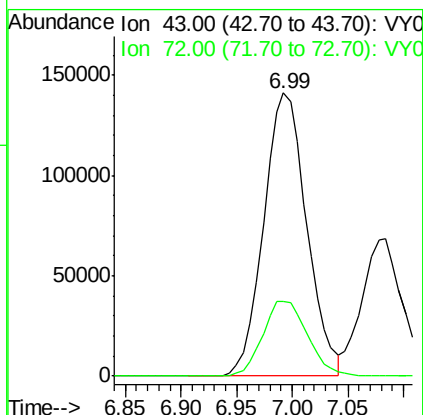
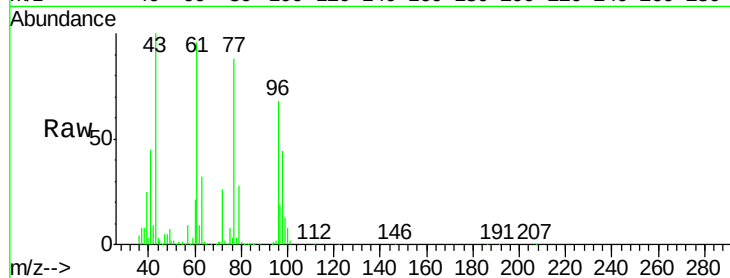




#25
2-Butanone
Concen: 235.169 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

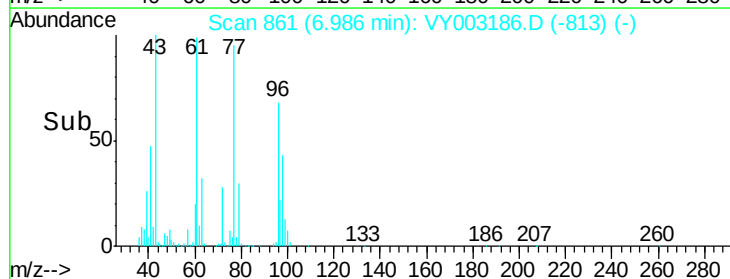
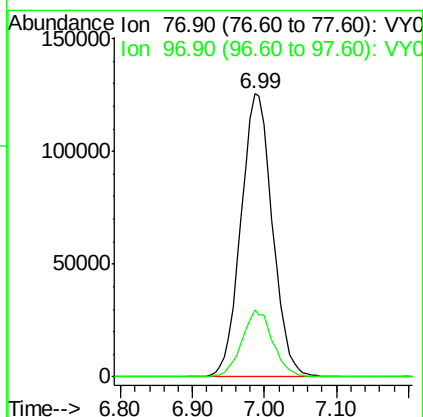
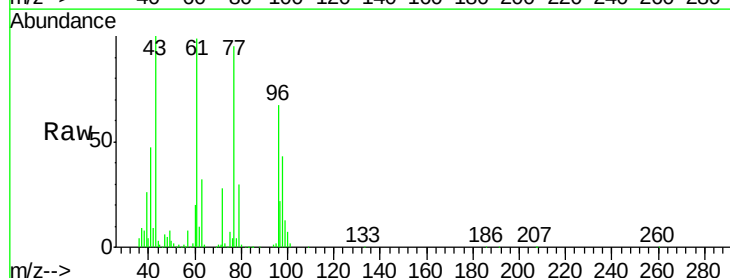
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

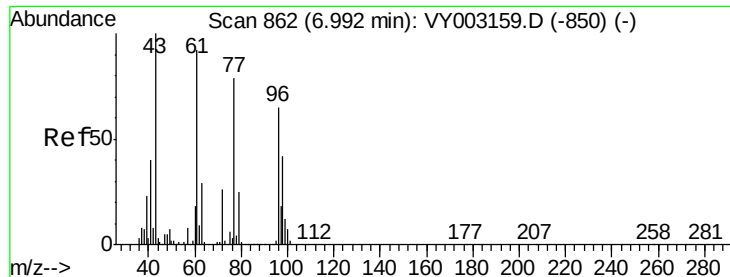
Tot Ion: 43 Resp: 379208
Ion Ratio Lower Upper
43 100
72 26.5 20.9 31.3



#26
2,2-Dichloropropane
Concen: 51.195 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 77 Resp: 381297
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7



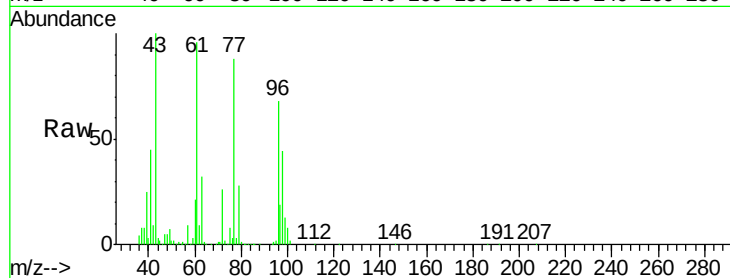


#27

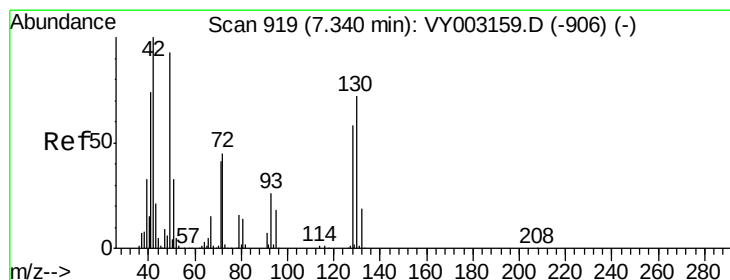
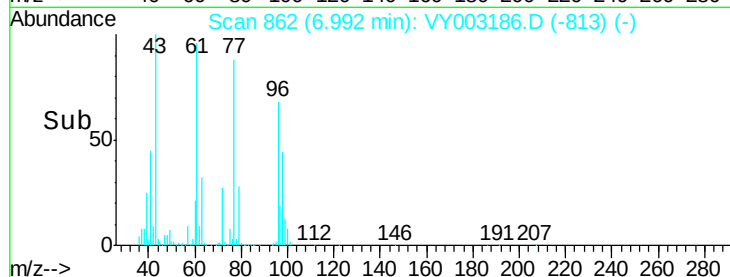
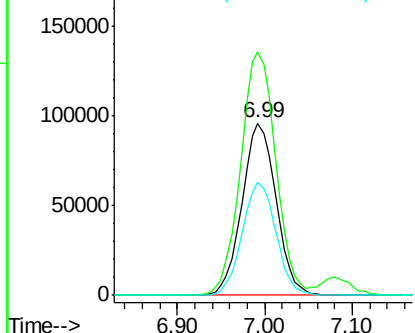
cis-1,2-Dichloroethene
 Concen: 48.112 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	281.2
98	65.0	0.0	129.8



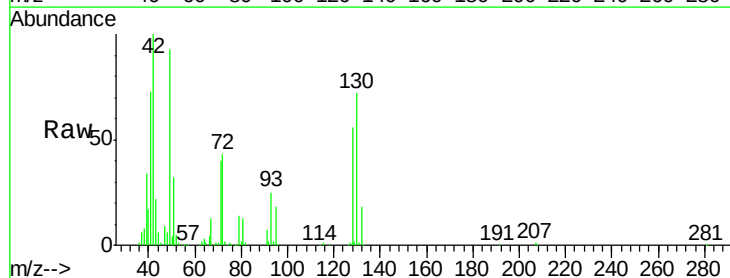
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



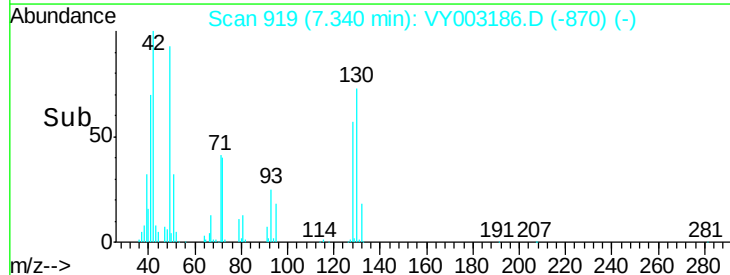
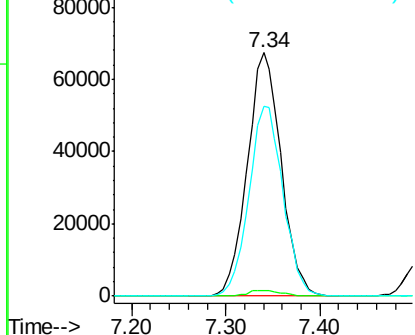
#28

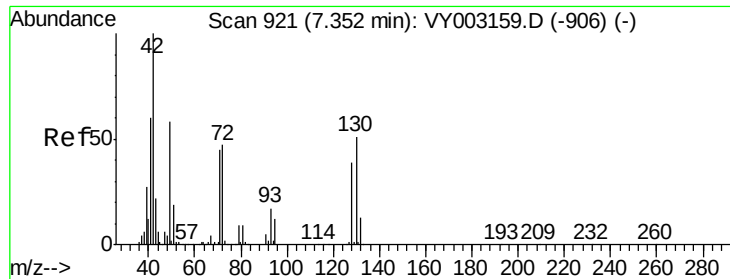
Bromochloromethane
 Concen: 47.481 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	78.5	64.9	97.3



Abundance Ion 48.90 (48.60 to 49.60): VY0
 Ion 128.80 (128.50 to 129.50): VY0
 Ion 129.80 (129.50 to 130.50): VY0





#29

Tetrahydrofuran

Concen: 236.885 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

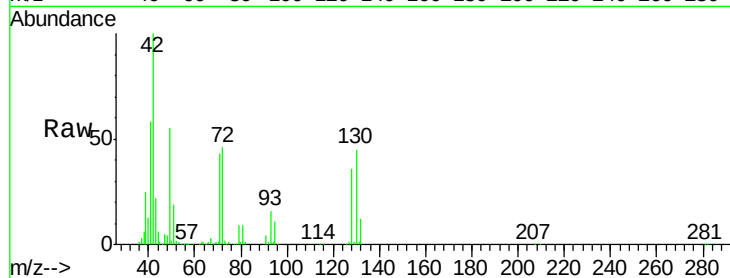
Tot Ion: 42 Resp: 256605

Ion Ratio Lower Upper

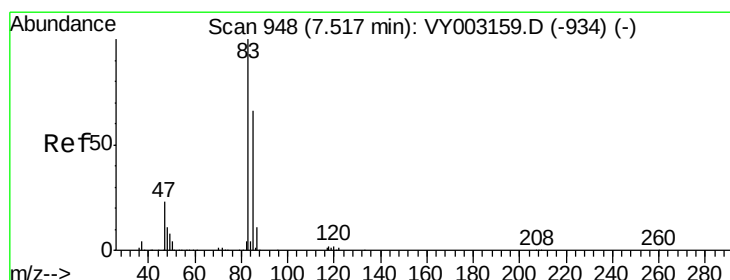
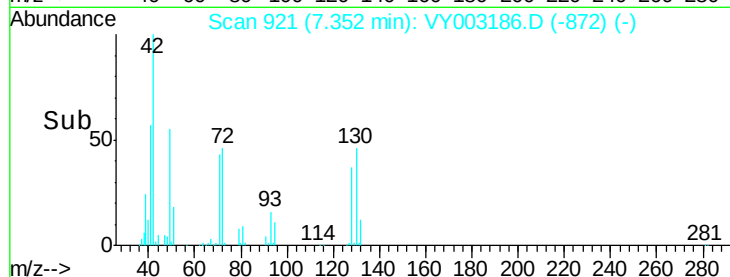
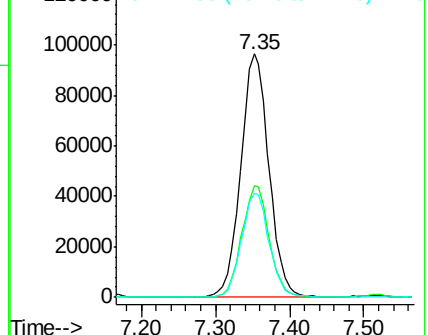
42 100

72 44.6 36.7 55.1

71 41.8 34.2 51.4



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



#30

Chloroform

Concen: 48.955 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003186.D

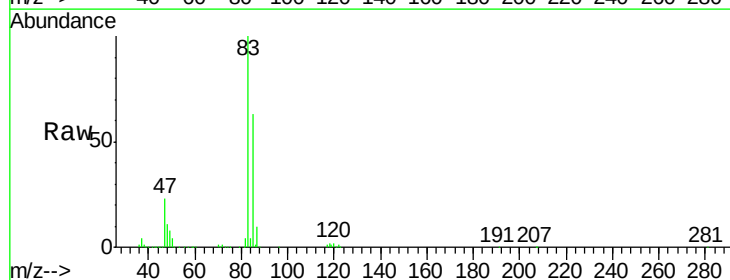
Acq: 14 Jul 2020 10:24

Tgt Ion: 83 Resp: 416986

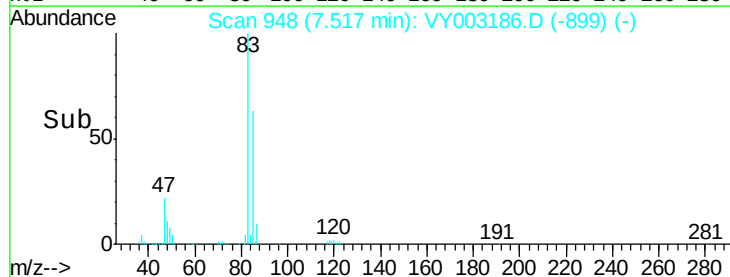
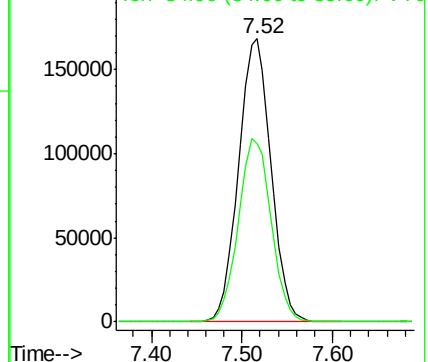
Ion Ratio Lower Upper

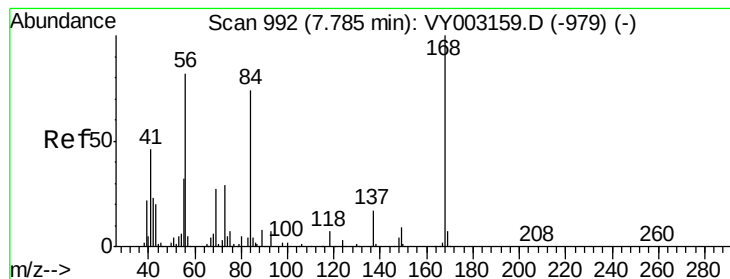
83 100

85 63.0 52.6 78.8



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





#31

Cyclohexane

Concen: 48.803 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

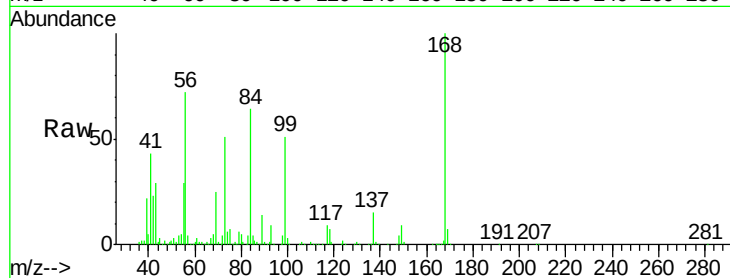
Tot Ion: 56 Resp: 390279

Ion Ratio Lower Upper

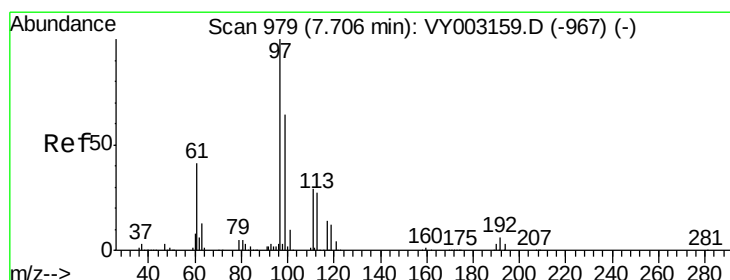
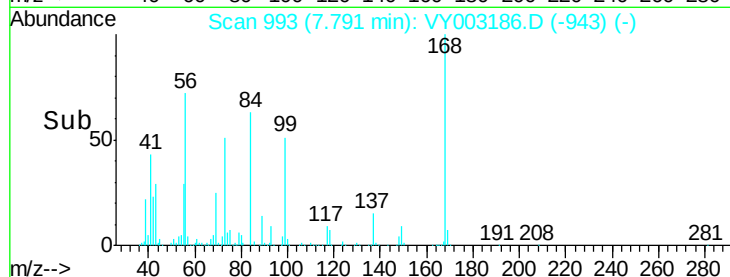
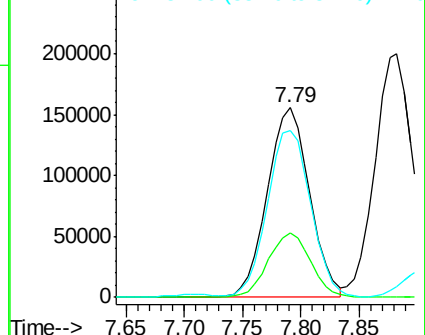
56 100

69 34.1 26.7 40.1

84 86.2 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 49.740 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

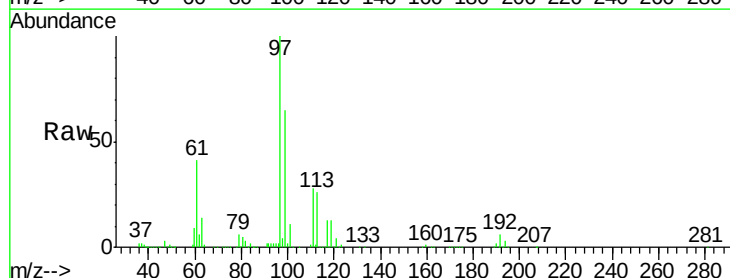
Tgt Ion: 97 Resp: 381411

Ion Ratio Lower Upper

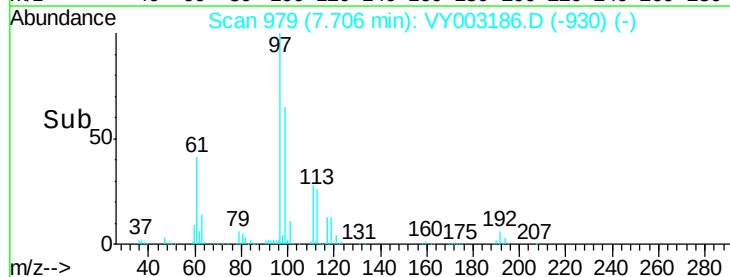
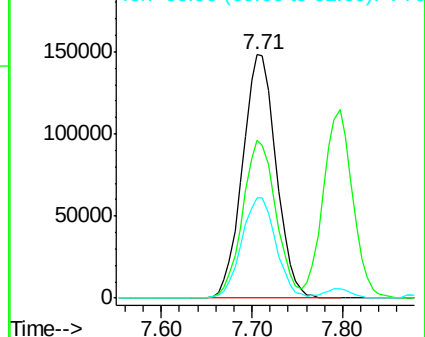
97 100

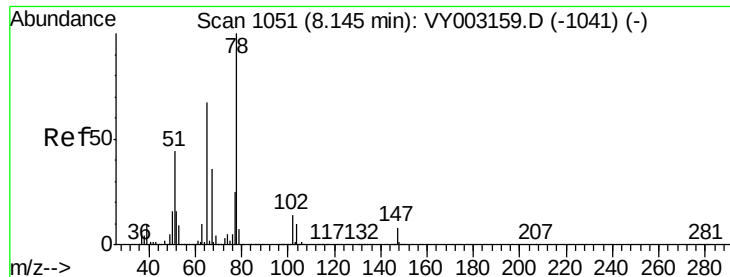
99 64.3 52.1 78.1

61 41.9 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

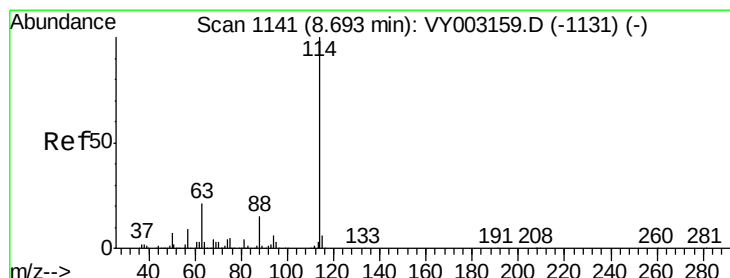
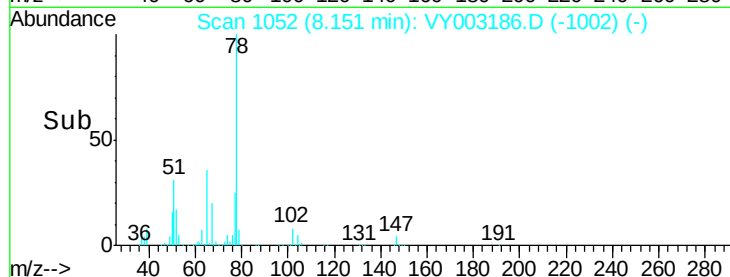
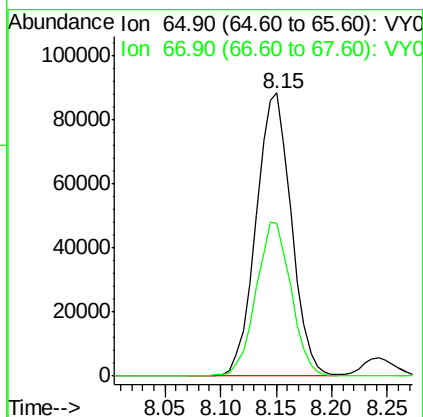
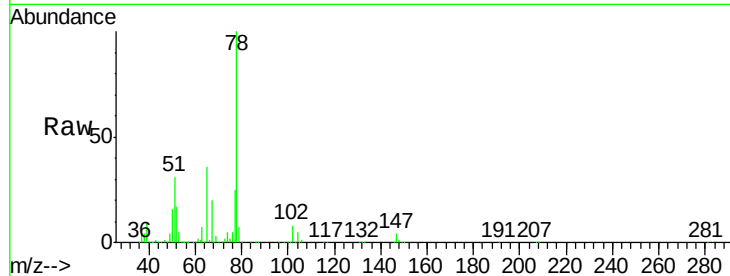




#33
 1,2-Dichloroethane-d4
 Concen: 44.302 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

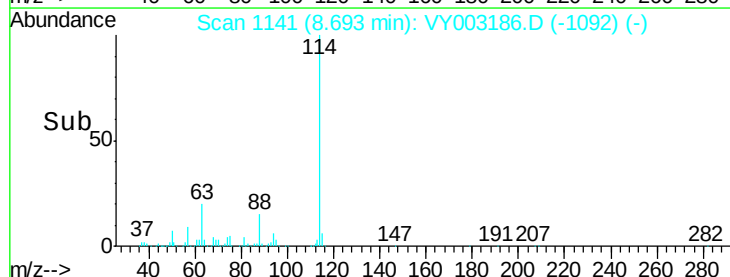
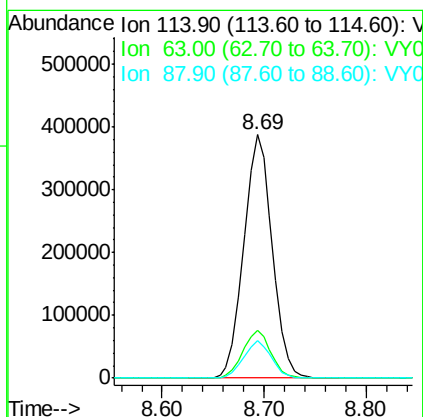
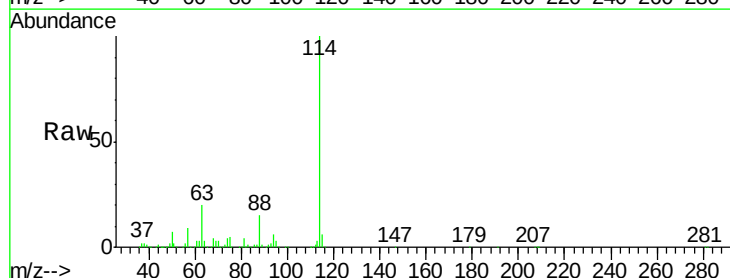
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

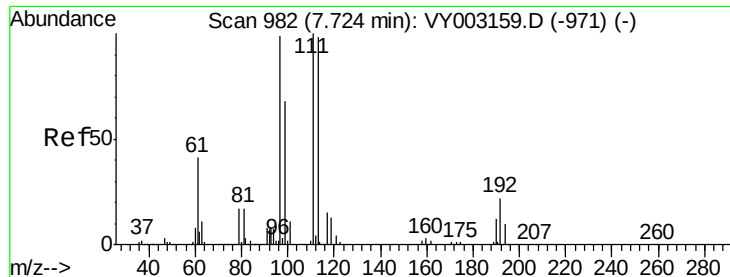
Tot Ion: 65 Resp: 194783
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion: 114 Resp: 748644
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.2
 88 15.2 0.0 30.2

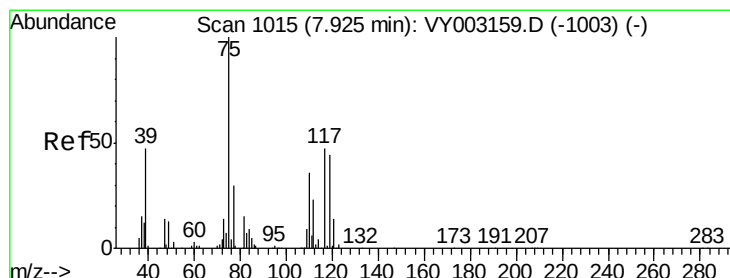
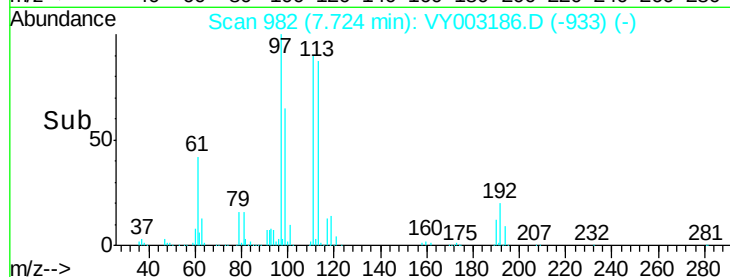
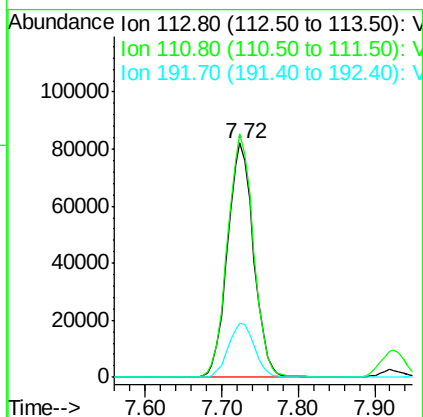
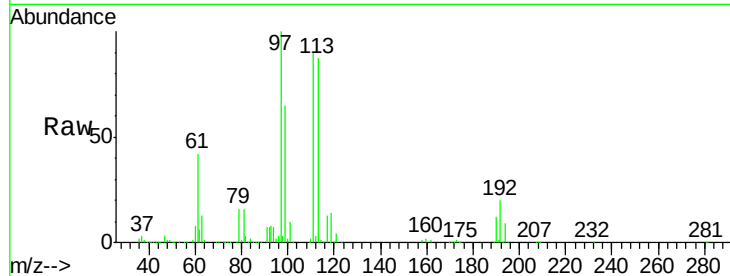




#35
Dibromofluoromethane
Concen: 44.895 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

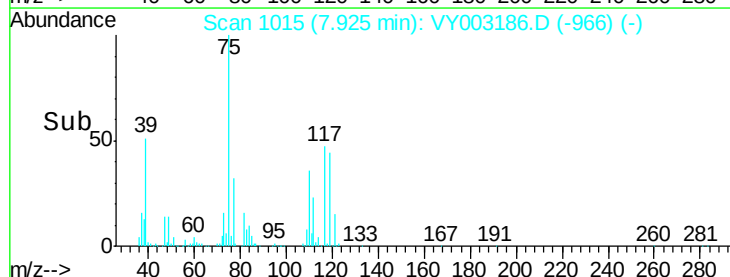
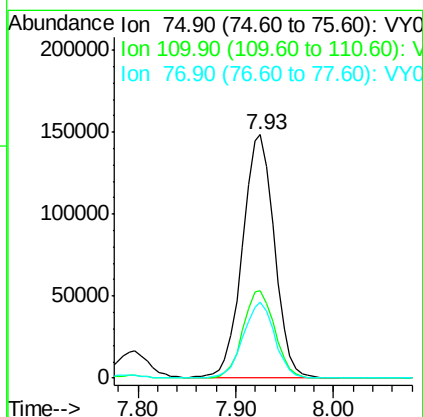
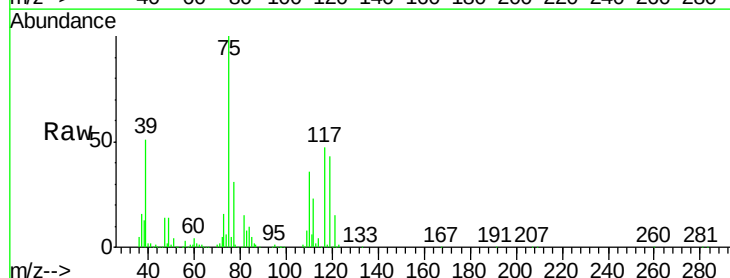
Instrument :
MSVOA_Y
ClientSampled :
VSTDCCC050

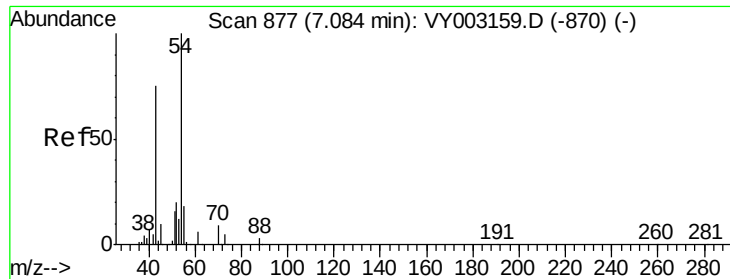
Tot Ion:113 Resp: 193418
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 23.3 18.8 28.2



#36
1,1-Dichloropropene
Concen: 49.358 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 75 Resp: 334904
Ion Ratio Lower Upper
75 100
110 36.1 18.1 54.1
77 31.3 24.8 37.2

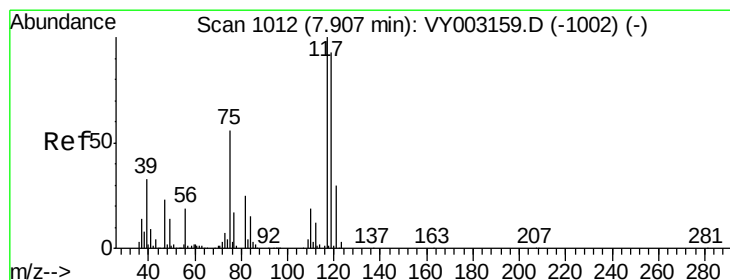
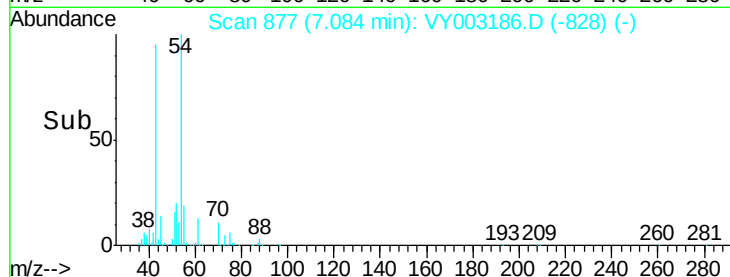
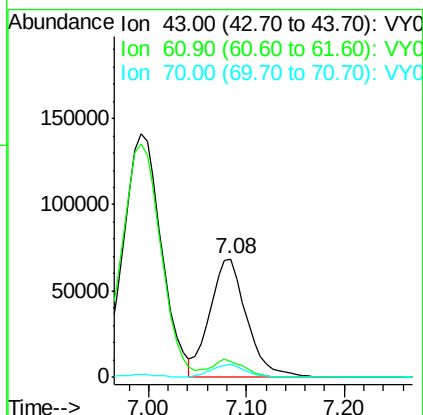
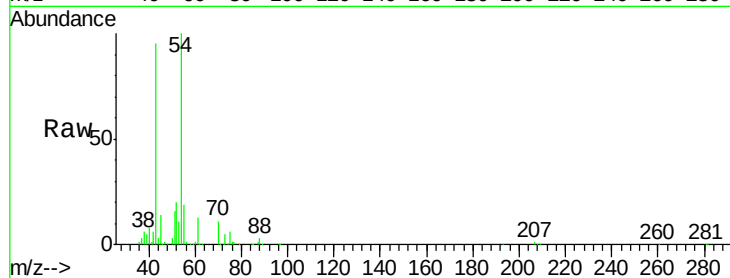




#37
Ethyl Acetate
Concen: 48.951 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

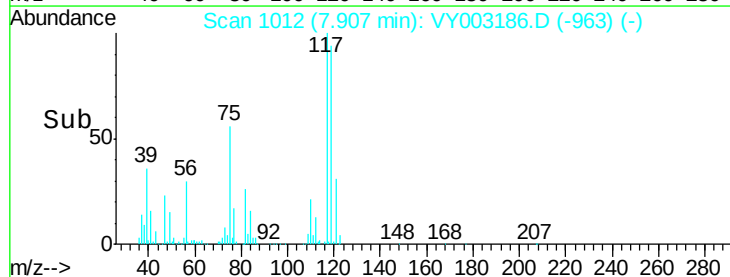
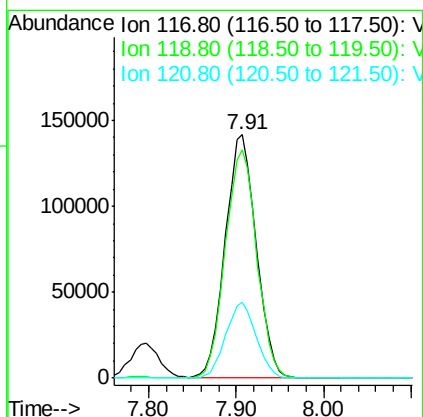
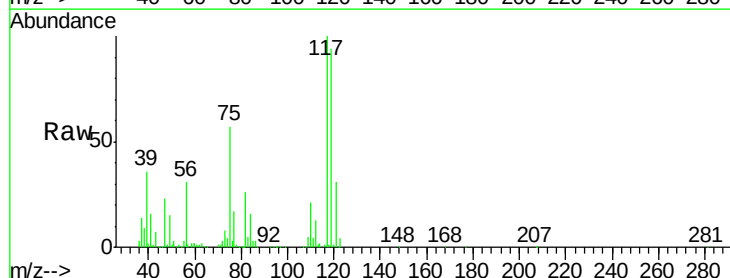
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

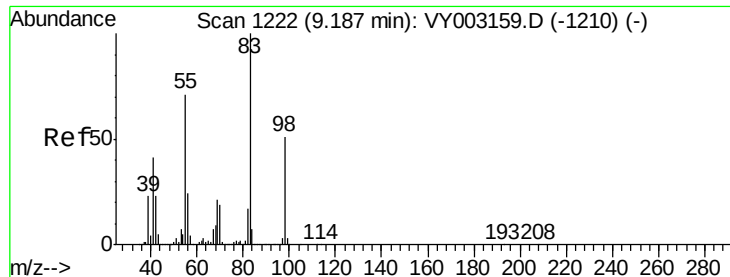
Tot Ion: 43 Resp: 178868
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.842 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 117 Resp: 349127
Ion Ratio Lower Upper
117 100
119 94.0 74.5 111.7
121 31.0 24.2 36.2

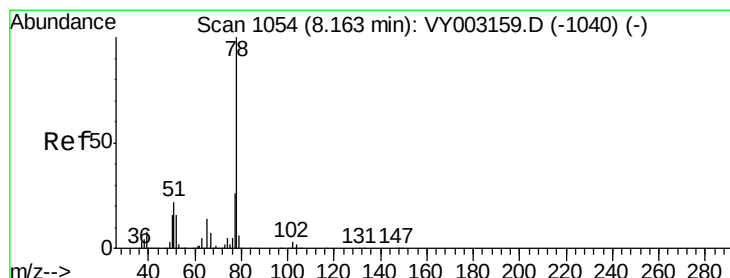
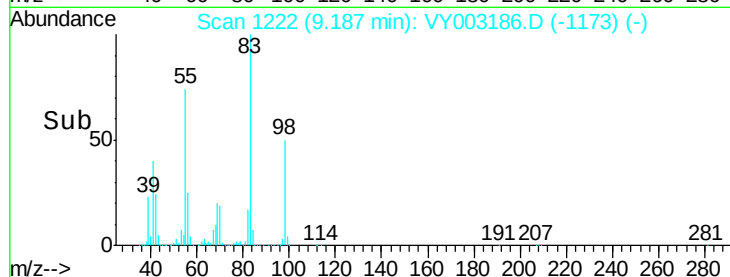
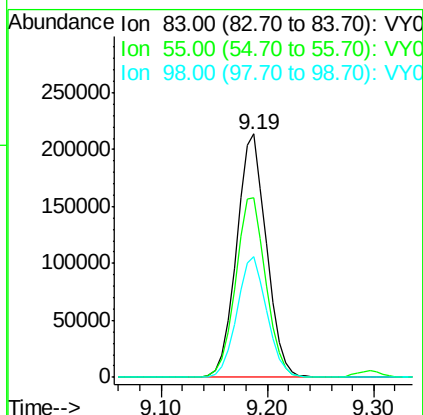
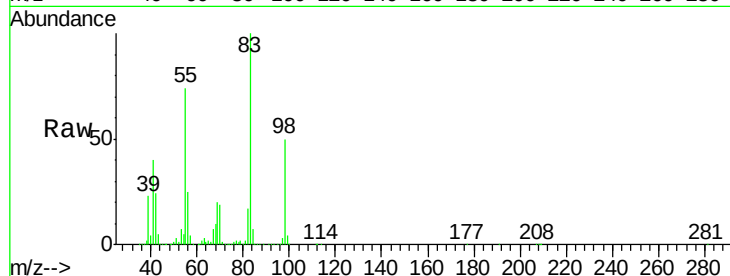




#39
Methylvlcyclohexane
Concen: 49.397 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

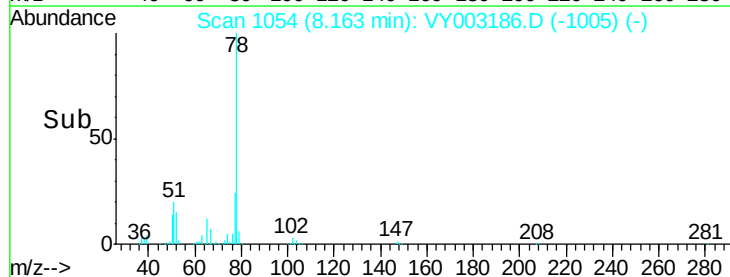
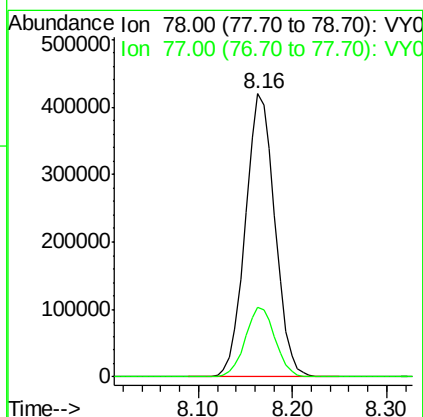
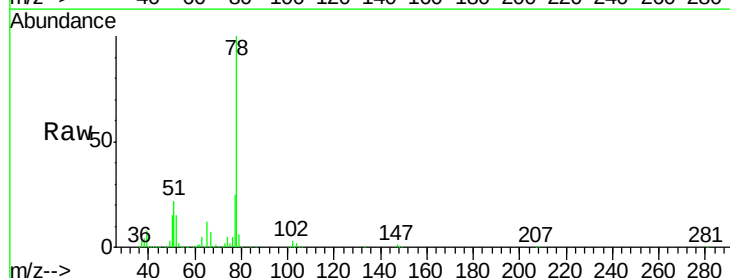
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

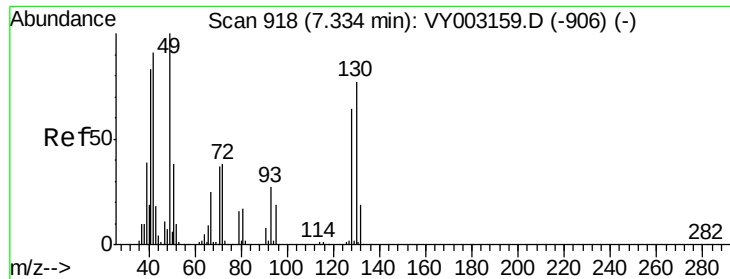
Tot Ion: 83 Resp: 421047
Ion Ratio Lower Upper
83 100
55 73.6 57.2 85.8
98 49.7 41.0 61.6



#40
Benzene
Concen: 49.448 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 78 Resp: 923825
Ion Ratio Lower Upper
78 100
77 24.6 20.7 31.1

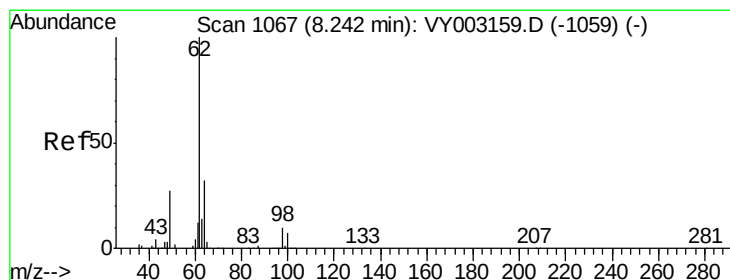
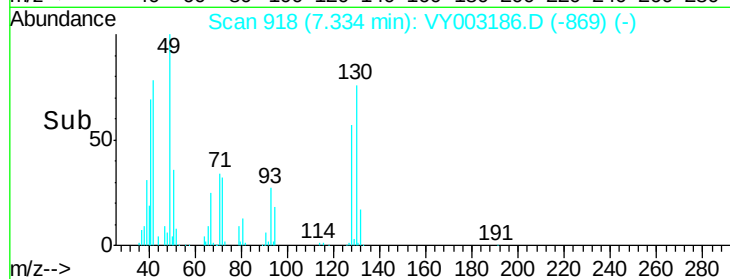
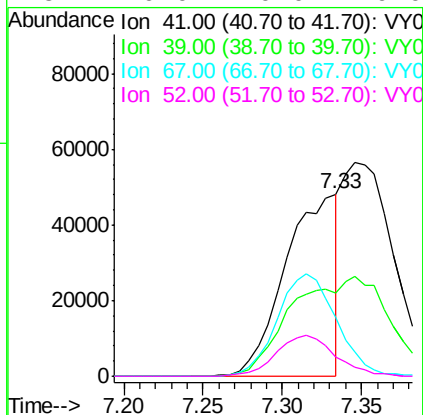
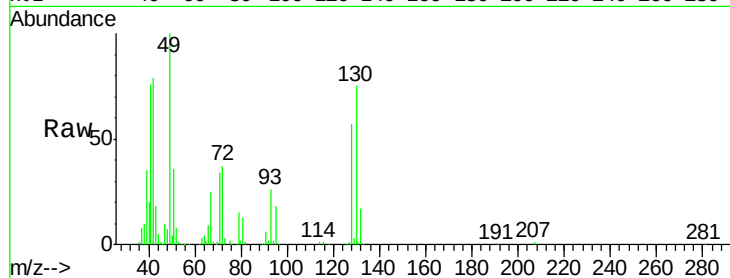




#41
Methacrylonitrile
Concen: 50.538 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

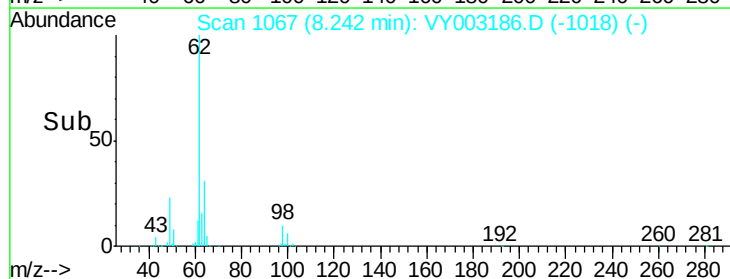
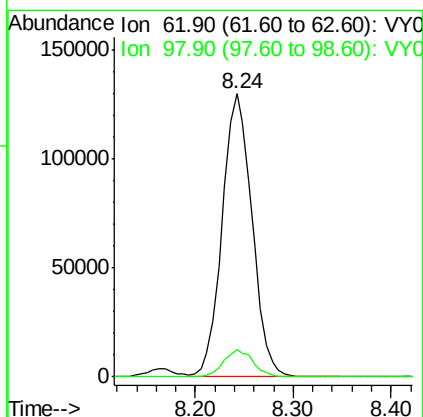
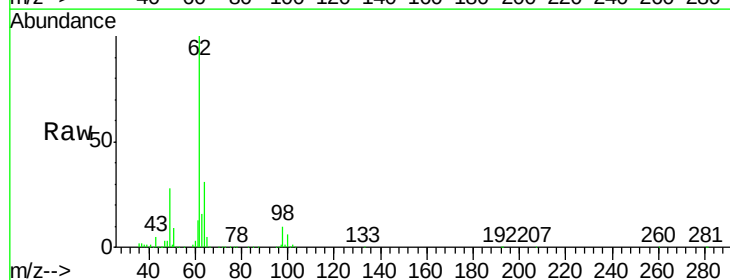
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

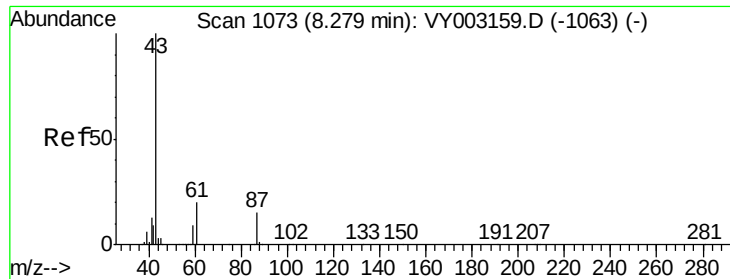
Tot Ion:	41	Resp:	111220
Ion	Ratio	Lower	Upper
41	100		
39	101.7	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.881 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion:	62	Resp:	275398
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 47.584 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

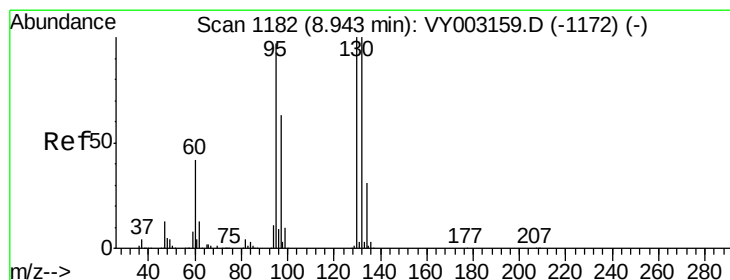
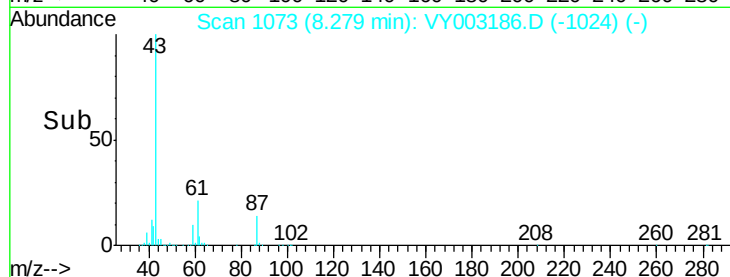
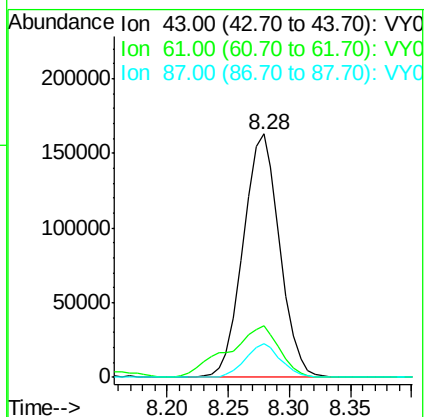
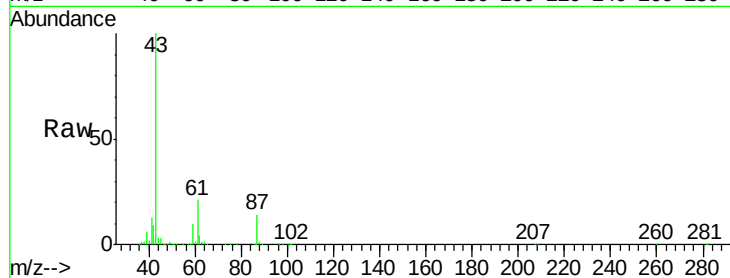
Tot Ion: 43 Resp: 336554

Ion Ratio Lower Upper

43 100

61 30.1 23.7 35.5

87 13.4 11.4 17.0



#44

Trichloroethene

Concen: 47.806 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003186.D

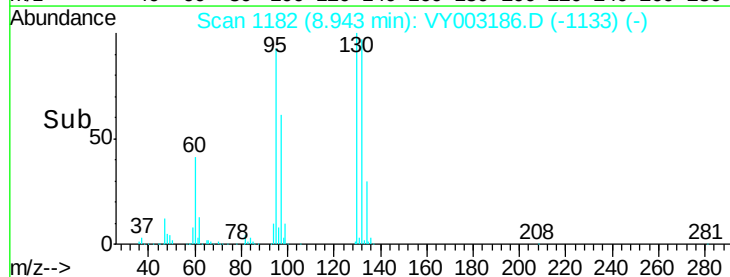
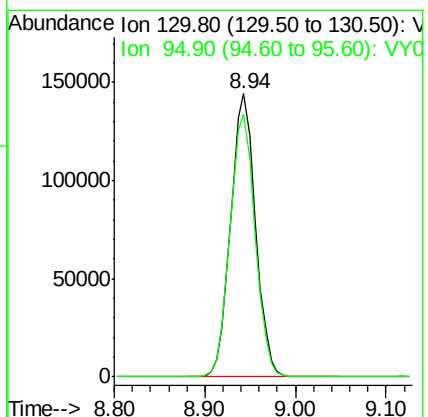
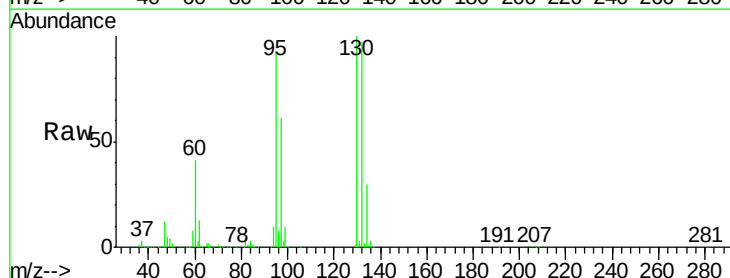
Acq: 14 Jul 2020 10:24

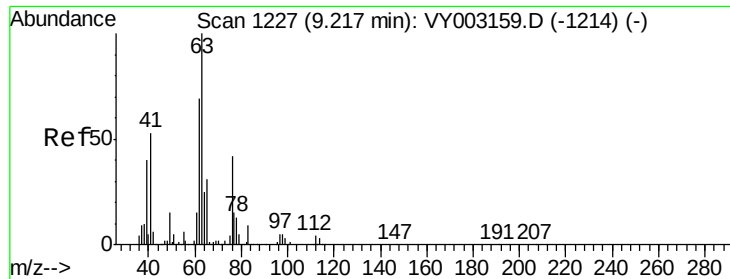
Tgt Ion: 130 Resp: 273800

Ion Ratio Lower Upper

130 100

95 92.7 0.0 193.8

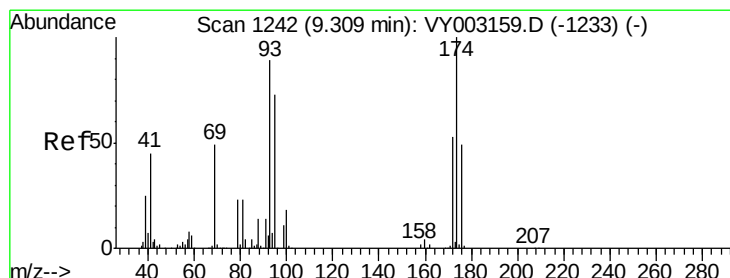
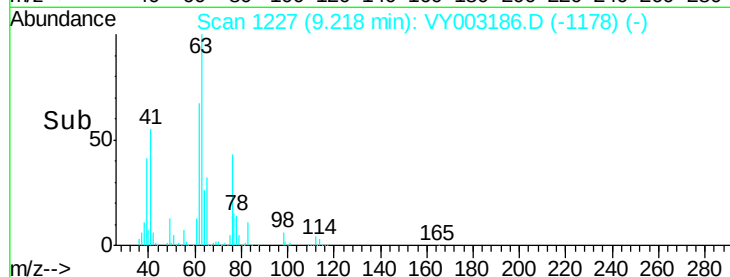
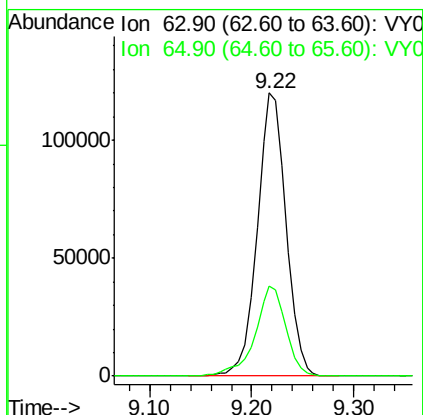
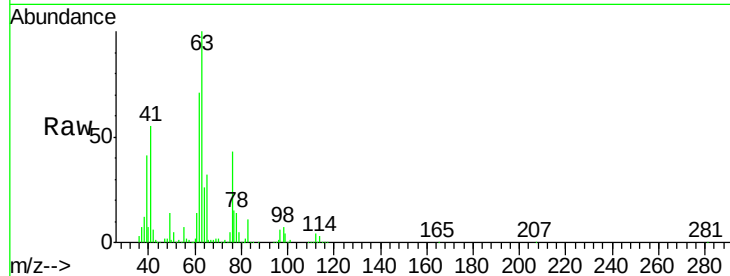




#45
 1,2-Dichloropropane
 Concen: 48.671 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

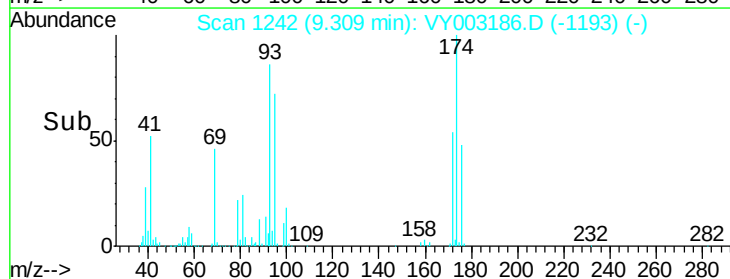
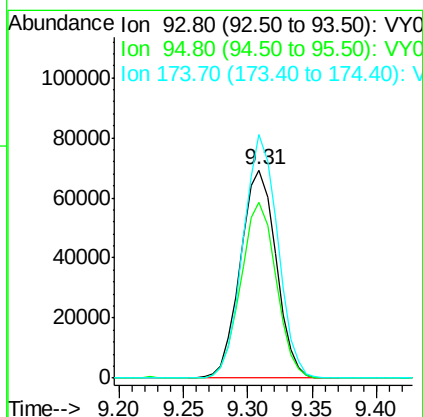
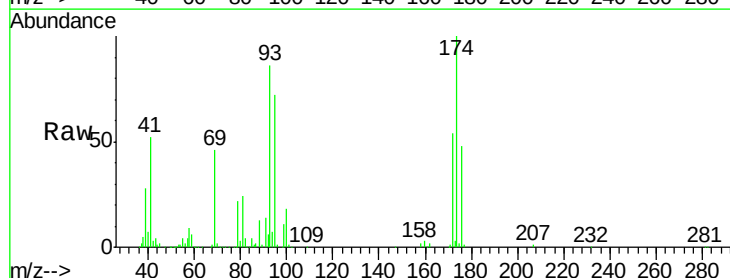
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

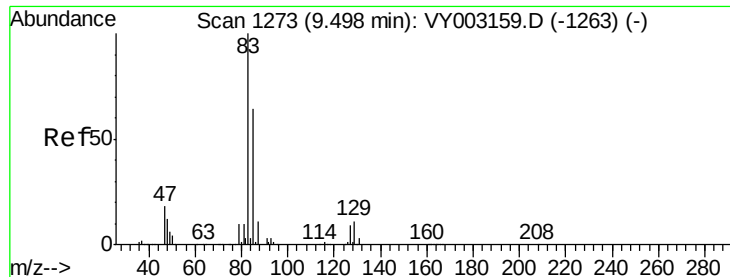
Tot Ion: 63 Resp: 235290
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.0 37.4



#46
 Dibromomethane
 Concen: 47.129 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion: 93 Resp: 133070
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 99.8
 174 113.1 90.2 135.4





#47

Bromodichloromethane

Concen: 49.798 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

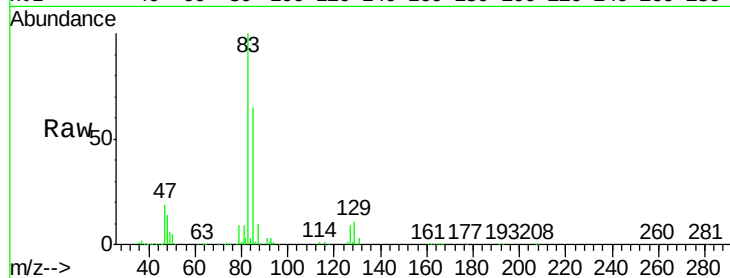
Tot Ion: 83 Resp: 334408

Ion Ratio Lower Upper

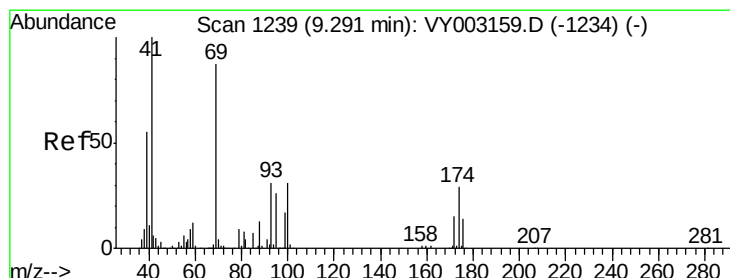
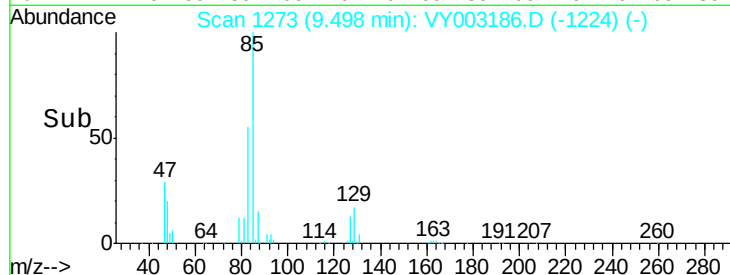
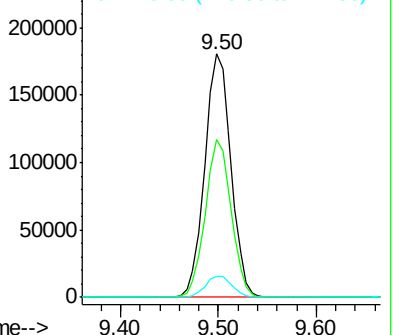
83 100

85 64.8 50.9 76.3

127 8.7 7.0 10.4



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: 48.398 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

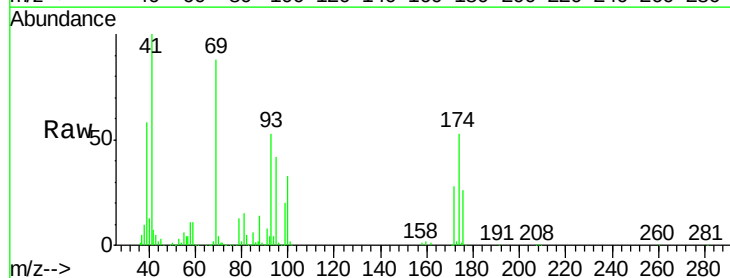
Tgt Ion: 41 Resp: 153032

Ion Ratio Lower Upper

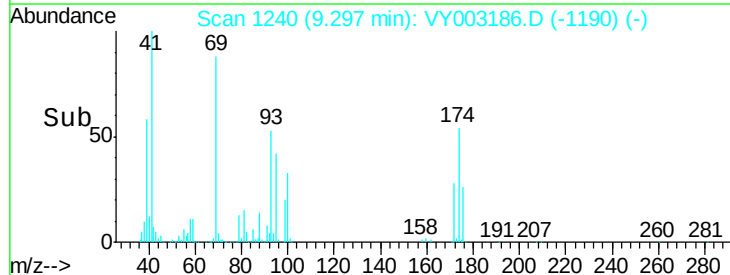
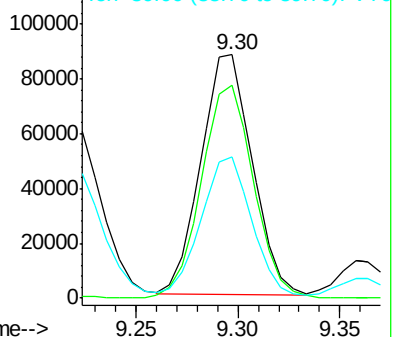
41 100

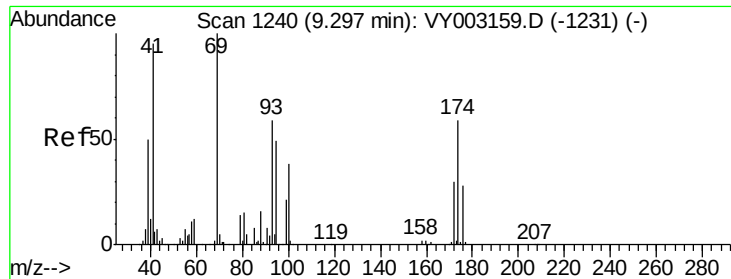
69 89.9 74.5 111.7

39 56.2 47.5 71.3



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: 945.633 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

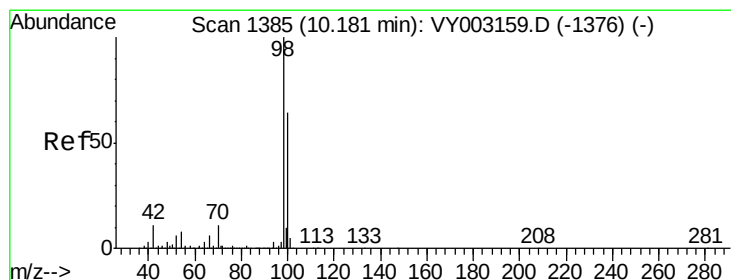
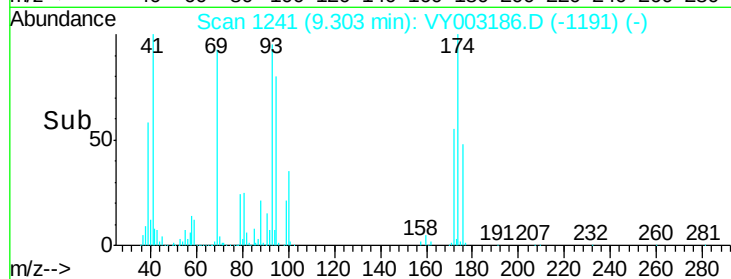
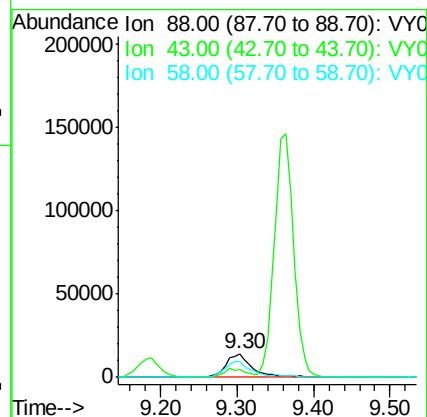
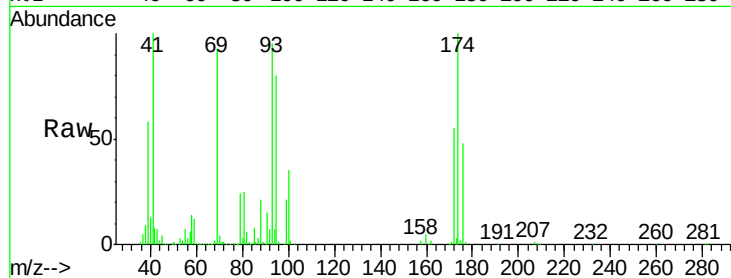
Tot Ion: 88 Resp: 33887

Ion Ratio Lower Upper

88 100

43 30.0 25.6 38.4

58 62.8 47.8 71.6



#50

Toluene-d8

Concen: 44.530 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003186.D

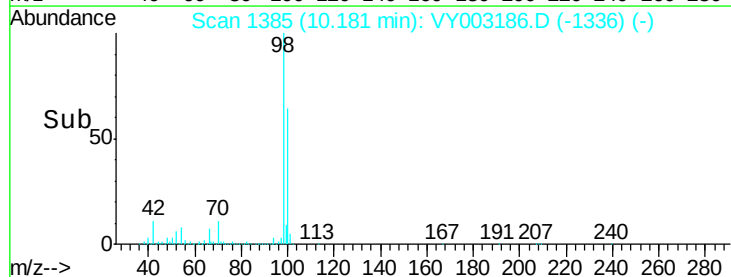
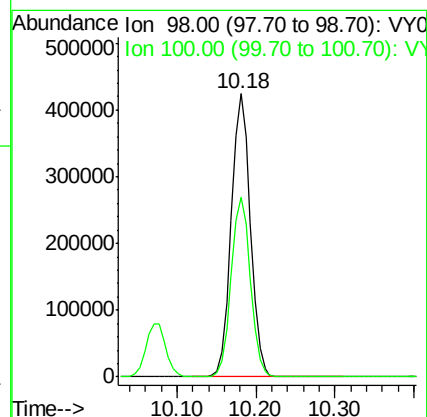
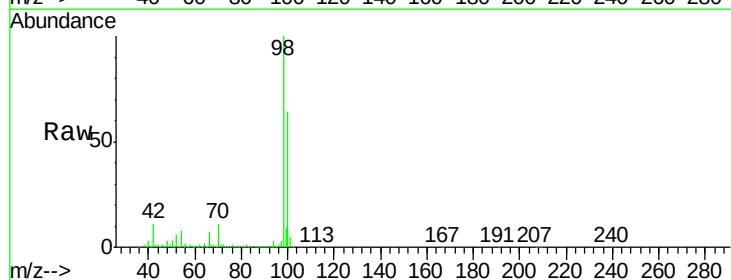
Acq: 14 Jul 2020 10:24

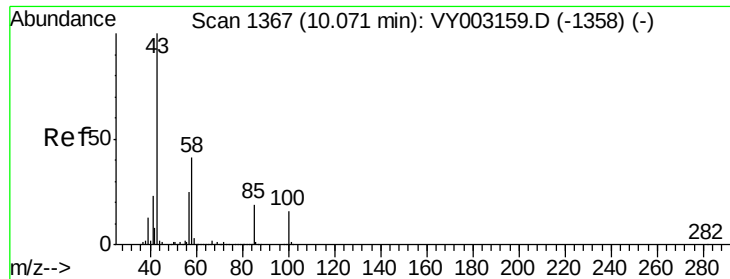
Tgt Ion: 98 Resp: 713256

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 238.112 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampled :

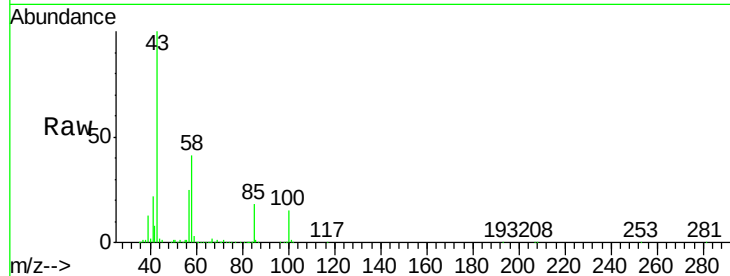
VSTDCCC050

Tot Ion: 43 Resp: 875360

Ion Ratio Lower Upper

43 100

58 40.6 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

600000

500000

400000

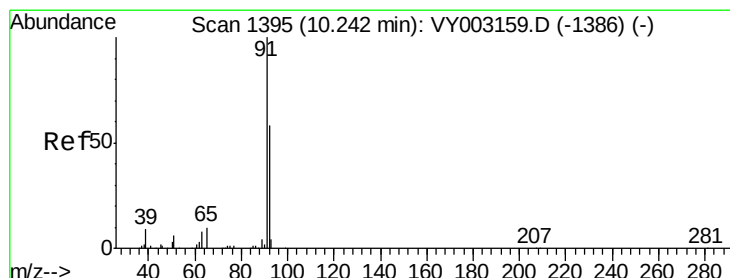
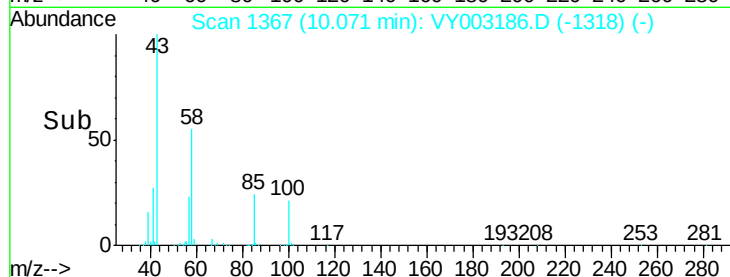
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.280 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003186.D

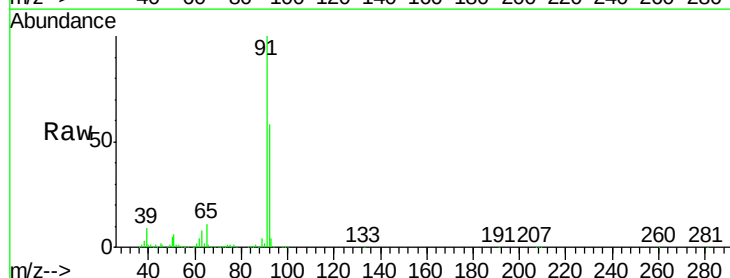
Acq: 14 Jul 2020 10:24

Tgt Ion: 92 Resp: 588477

Ion Ratio Lower Upper

92 100

91 173.4 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

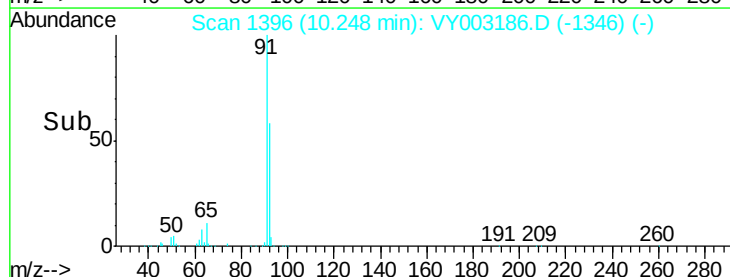
600000

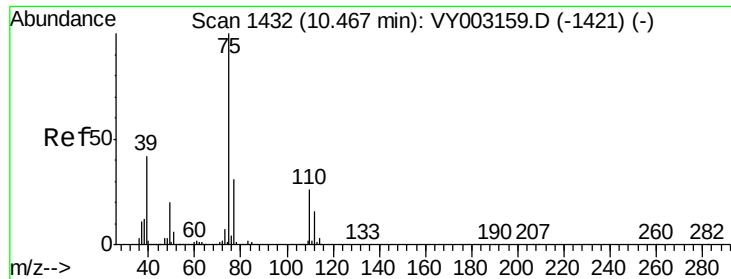
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.252 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

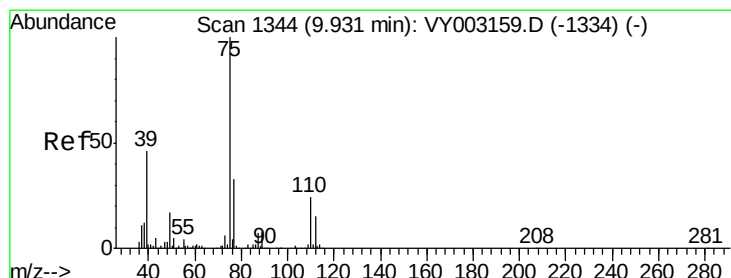
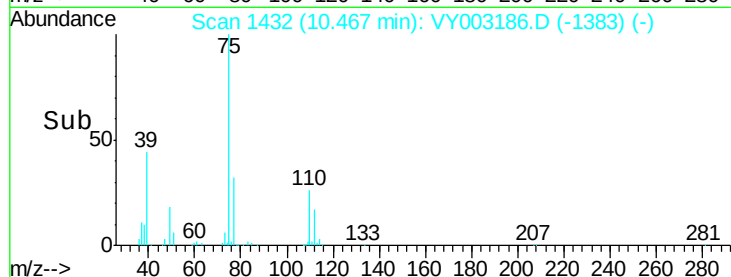
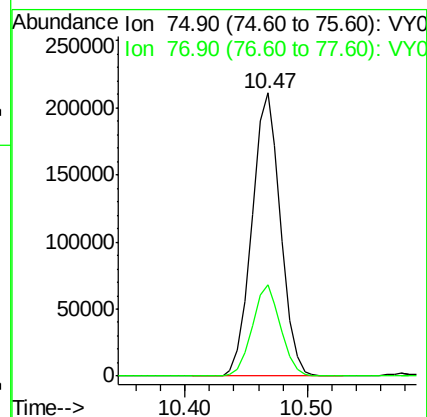
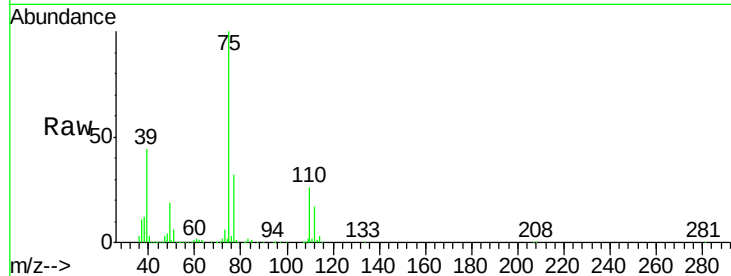
VSTDCCC050

Tot Ion: 75 Resp: 342675

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.898 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

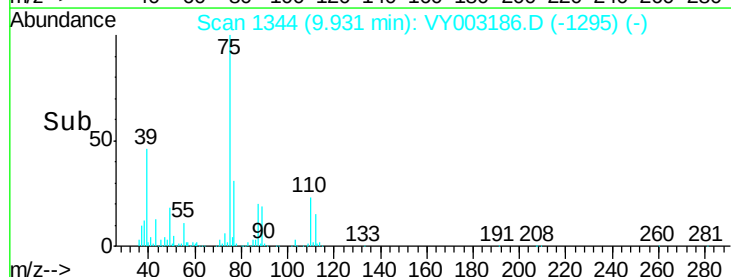
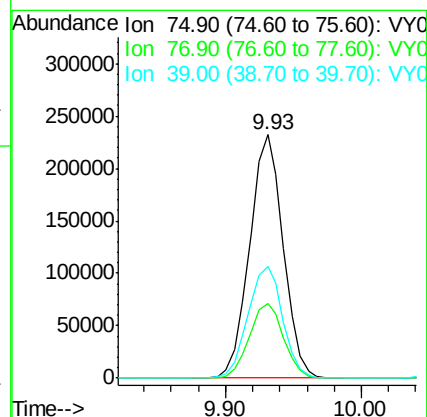
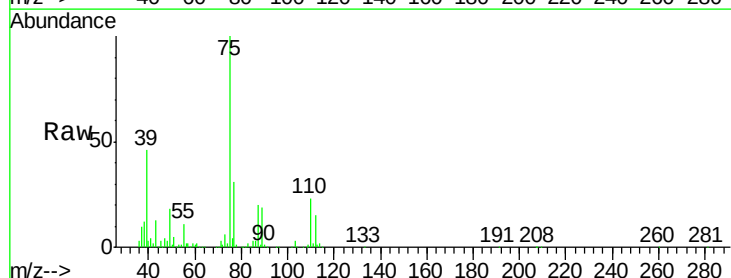
Tgt Ion: 75 Resp: 400011

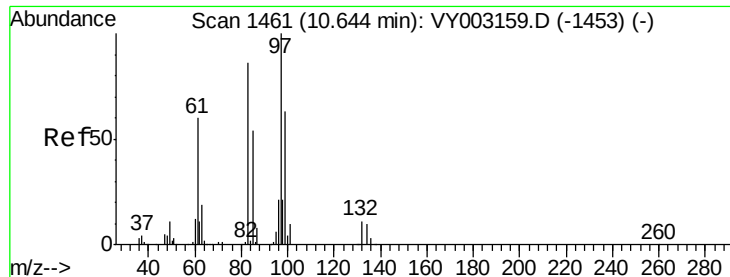
Ion Ratio Lower Upper

75 100

77 30.9 26.7 40.1

39 45.9 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 46.643 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 186621

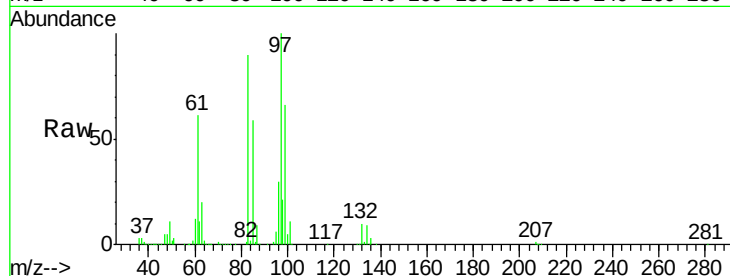
Ion Ratio Lower Upper

97 100

83 90.2 68.8 103.2

85 58.9 43.1 64.7

99 65.6 50.8 76.2

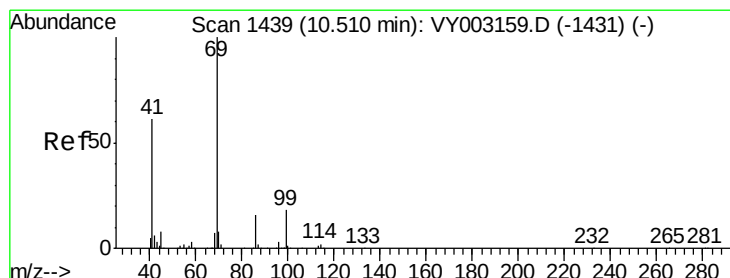
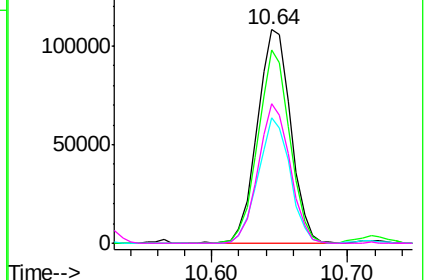
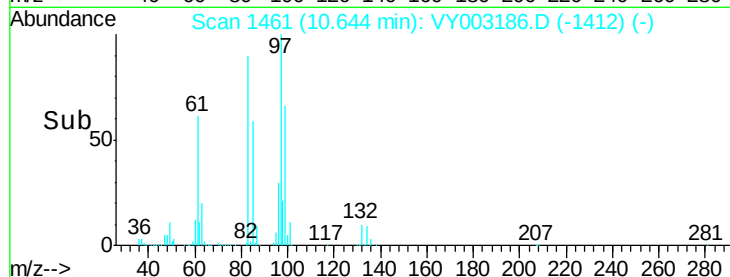


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 49.556 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

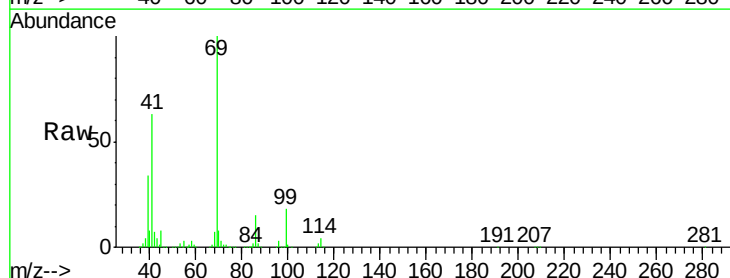
Tgt Ion: 69 Resp: 269563

Ion Ratio Lower Upper

69 100

41 63.1 50.0 75.0

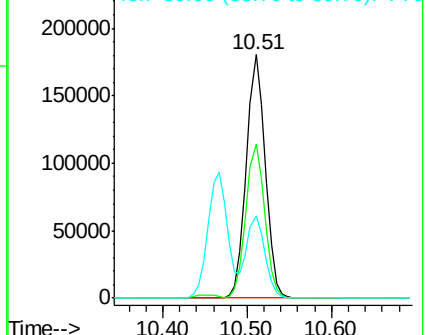
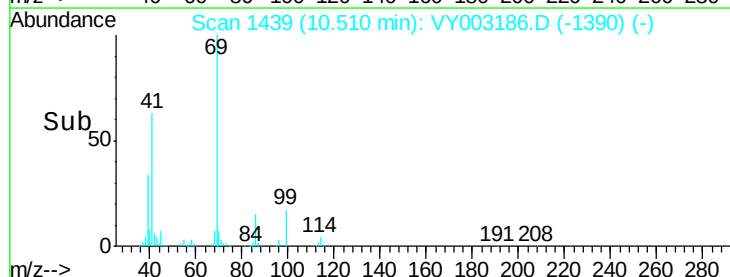
39 32.3 27.6 41.4

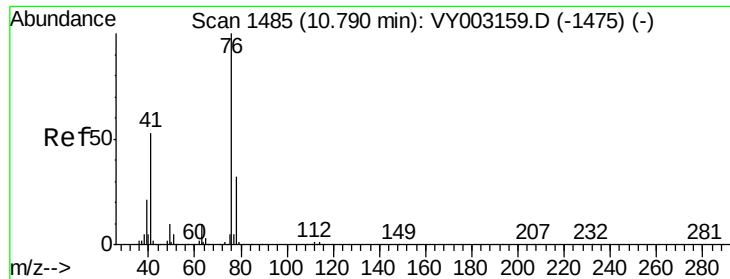


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 47.330 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

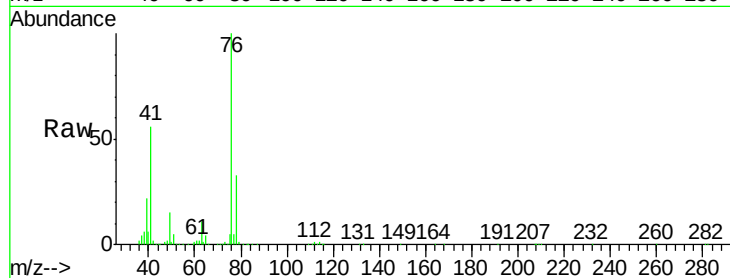
VSTDCCC050

Tot Ion: 76 Resp: 321089

Ion Ratio Lower Upper

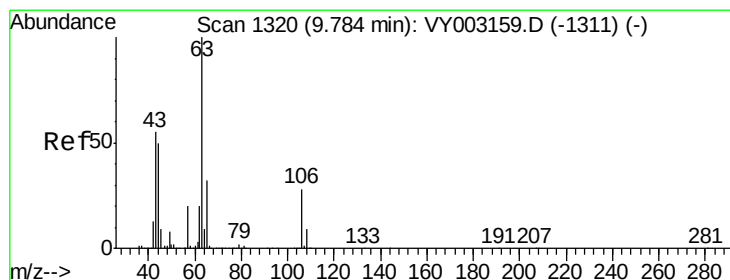
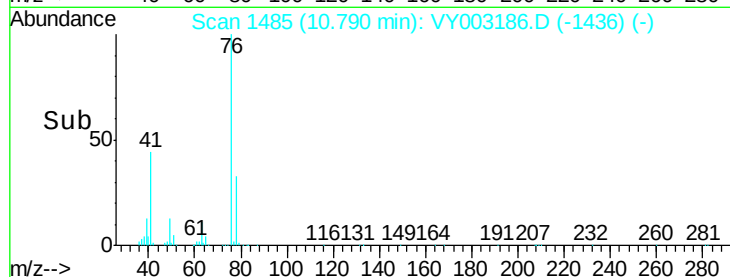
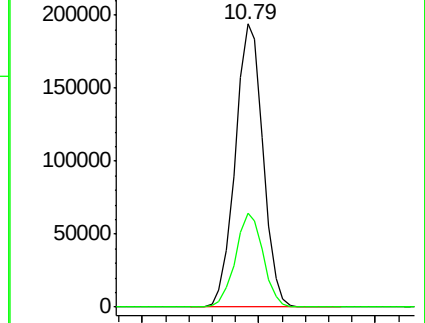
76 100

78 33.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 228.233 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003186.D

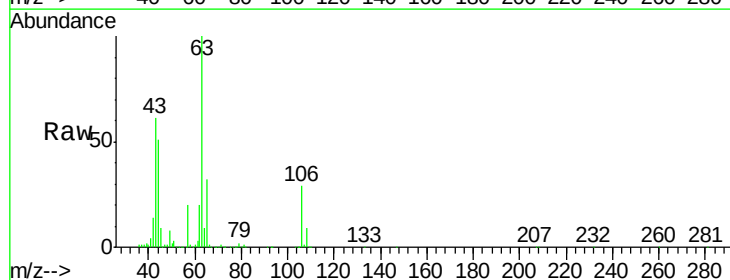
Acq: 14 Jul 2020 10:24

Tgt Ion: 63 Resp: 633159

Ion Ratio Lower Upper

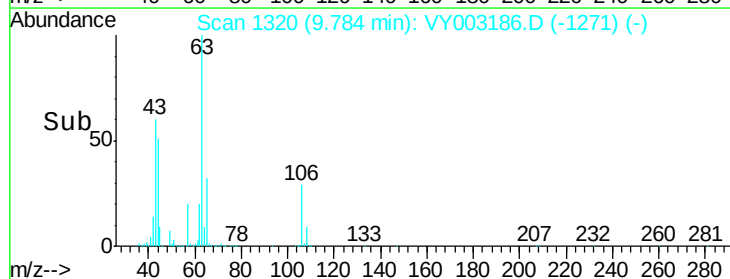
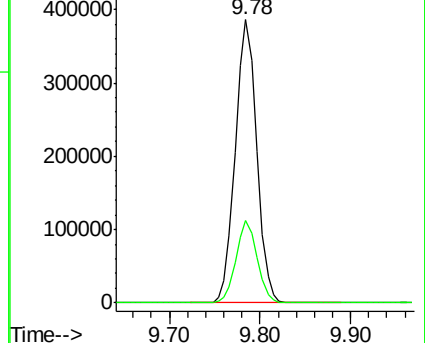
63 100

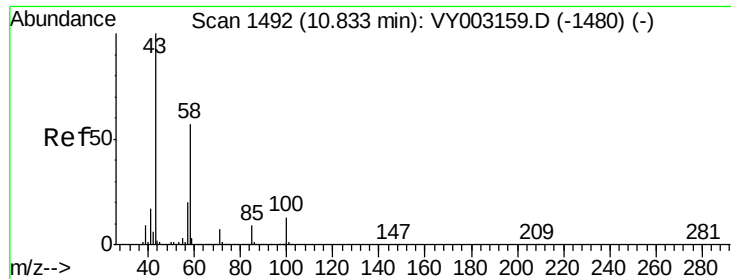
106 28.3 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

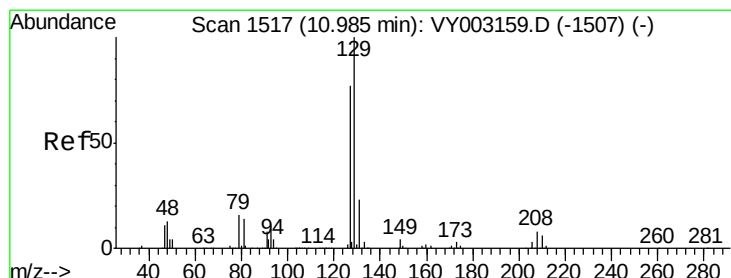
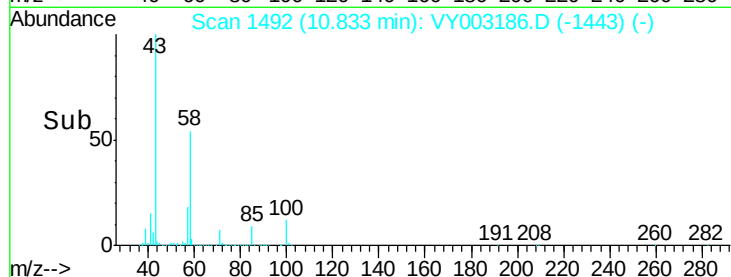
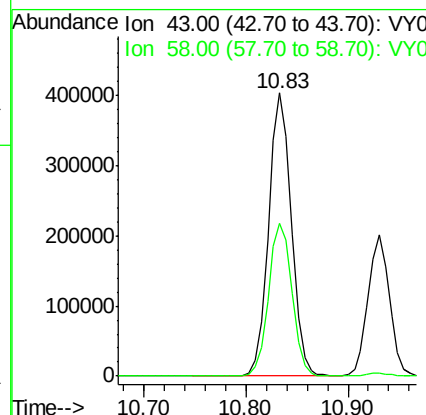
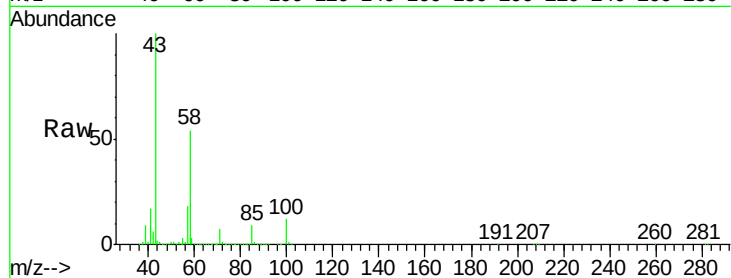




#59
2-Hexanone
Concen: 243.849 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

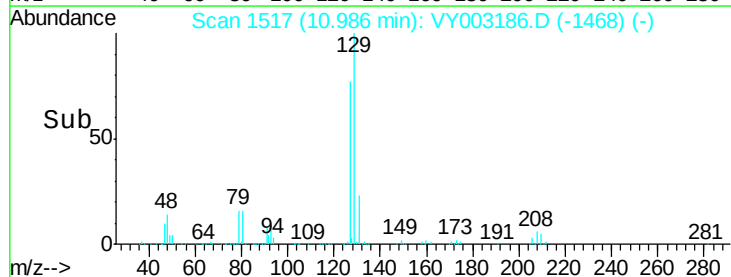
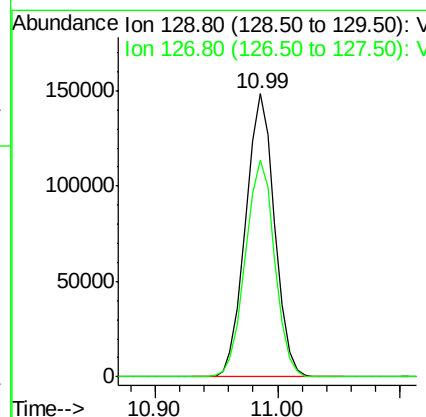
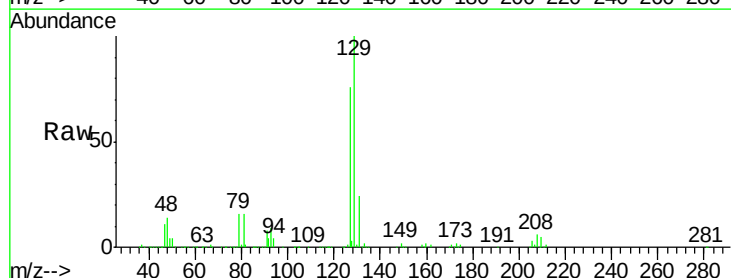
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

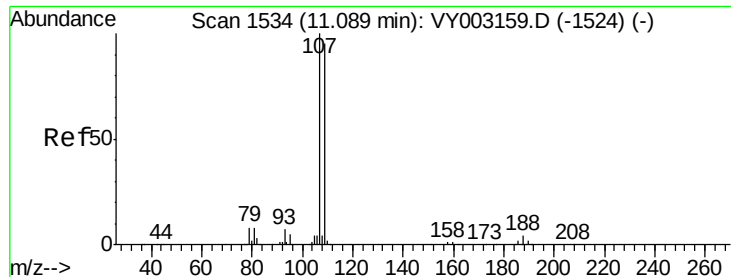
Tot Ion: 43 Resp: 625789
Ion Ratio Lower Upper
43 100
58 55.6 28.3 85.0



#60
Dibromochloromethane
Concen: 48.387 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 129 Resp: 243501
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

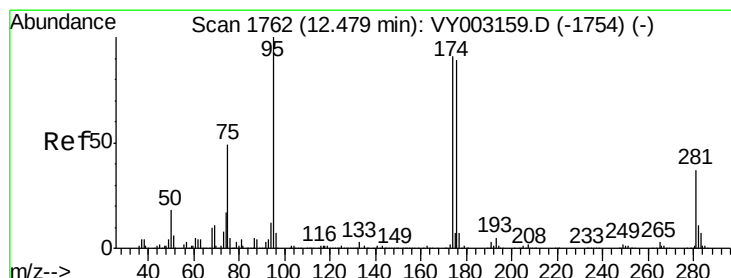
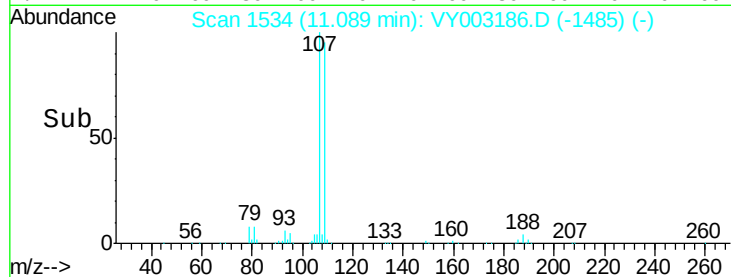
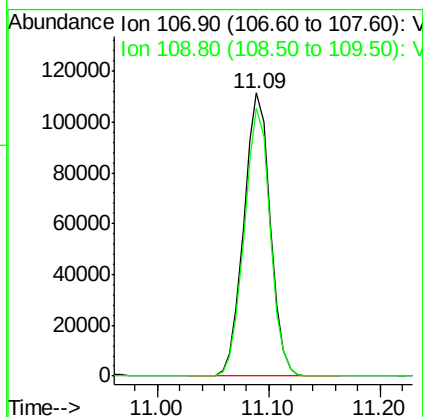
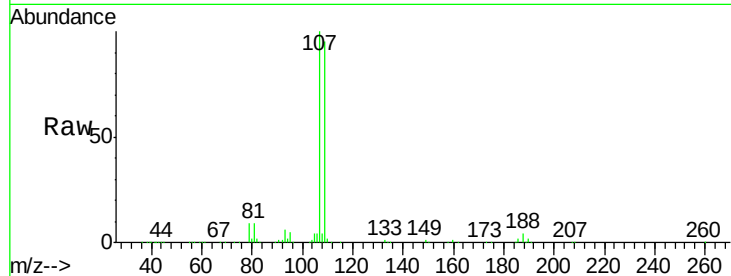




#61
 1,2-Dibromoethane
 Concen: 46.514 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

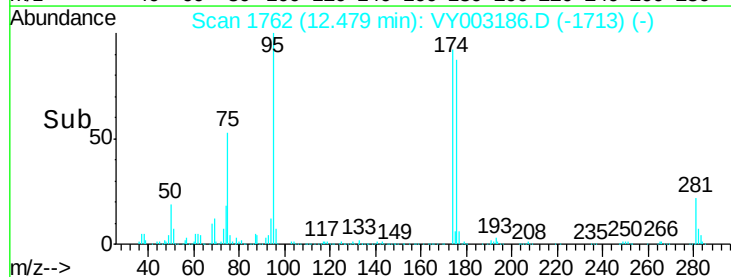
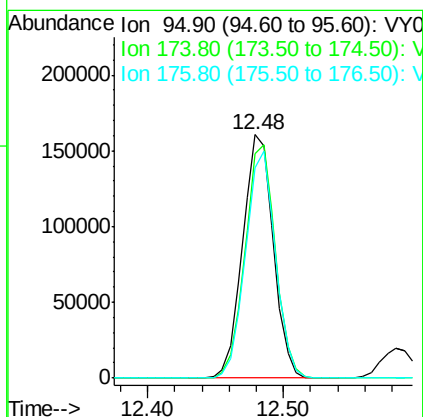
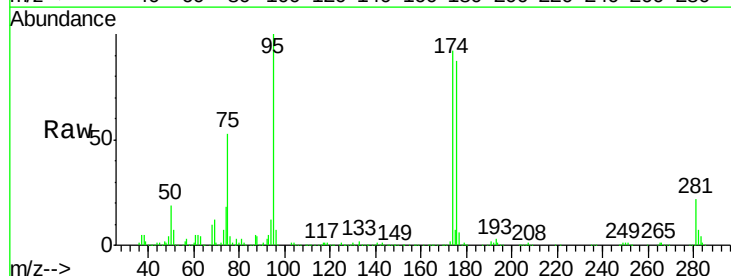
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

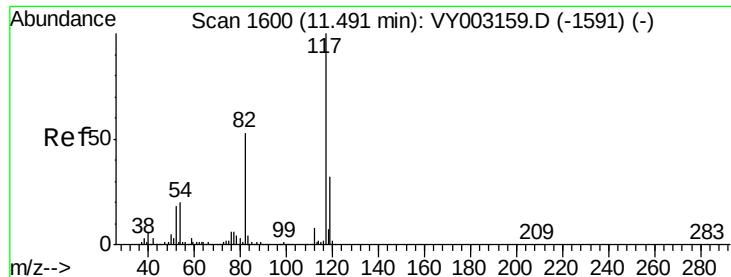
Tot Ion:107 Resp: 183677
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 43.727 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion: 95 Resp: 253023
 Ion Ratio Lower Upper
 95 100
 174 95.2 0.0 190.6
 176 91.2 0.0 186.4

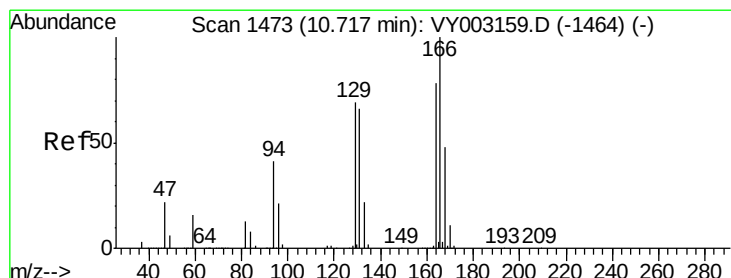
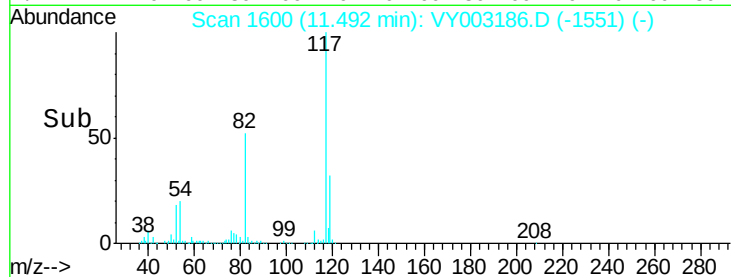
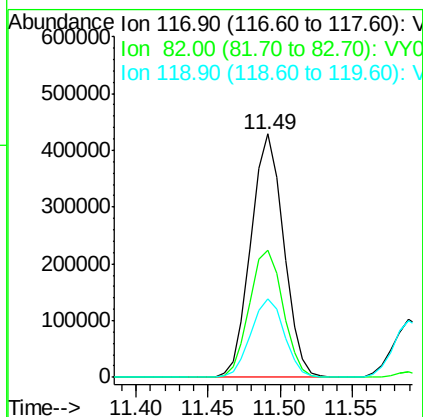
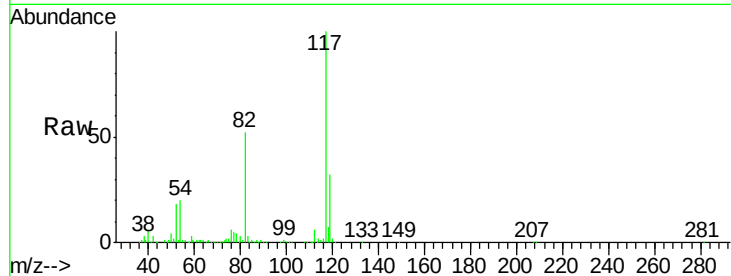




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

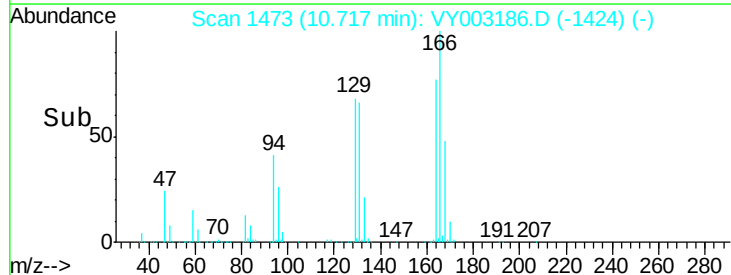
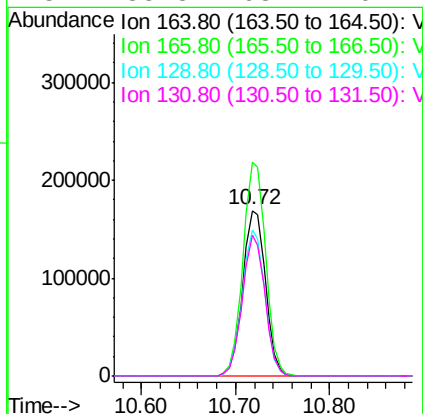
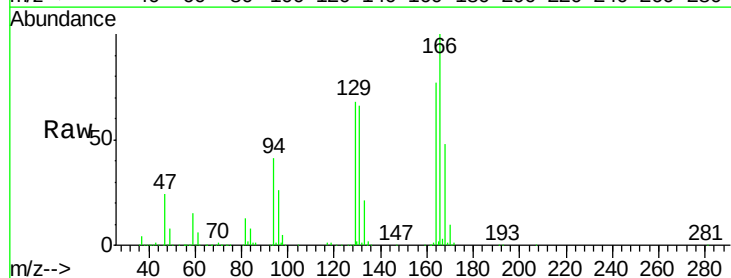
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

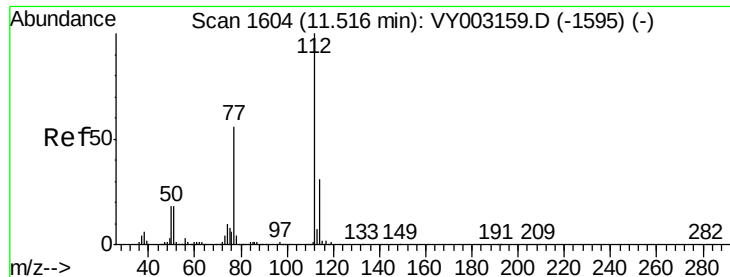
Tot Ion:117 Resp: 676503
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 47.320 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion:164 Resp: 285431
Ion Ratio Lower Upper
164 100
166 129.1 102.9 154.3
129 88.2 71.4 107.2
131 85.3 68.1 102.1

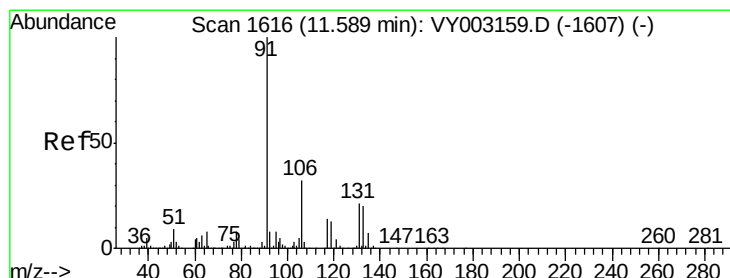
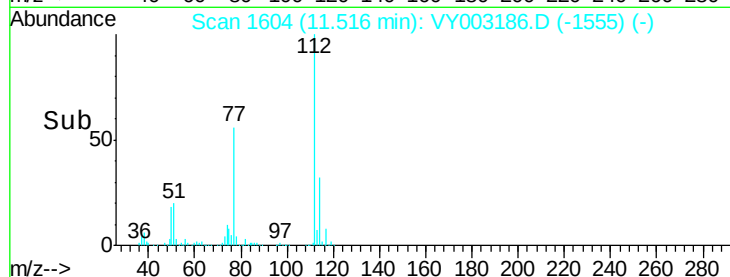
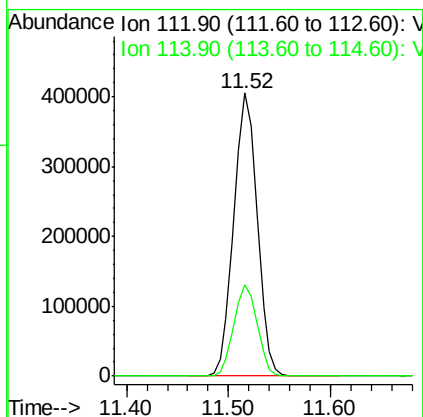
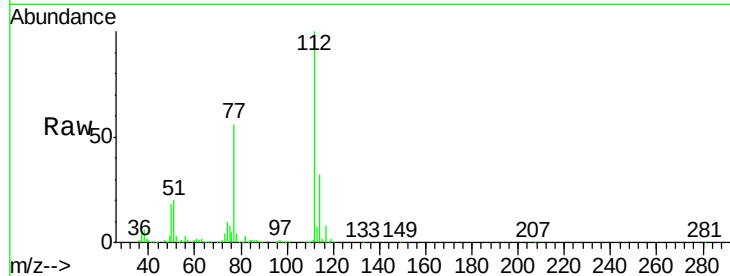




#65
Chlorobenzene
Concen: 49.345 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

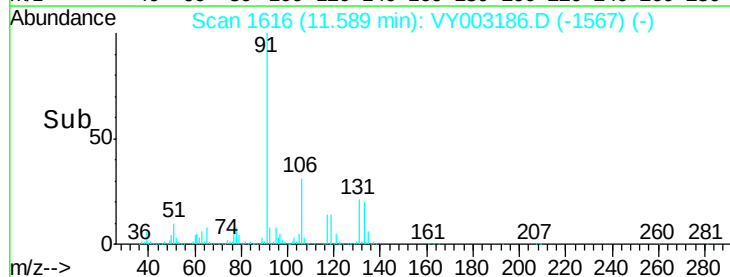
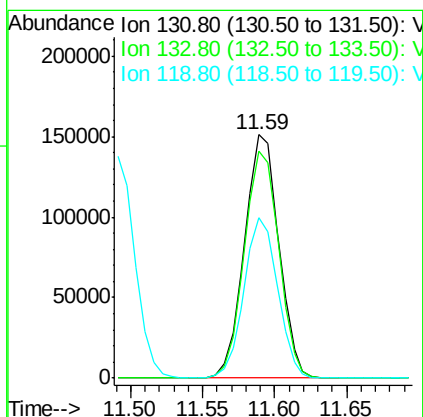
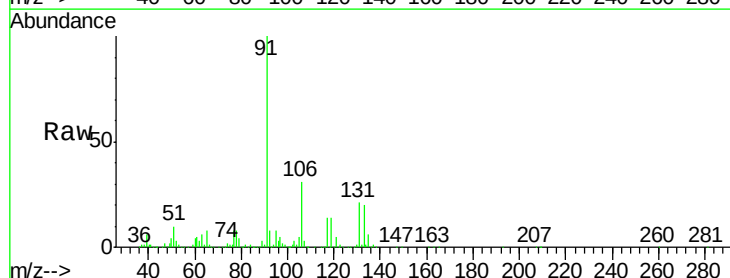
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

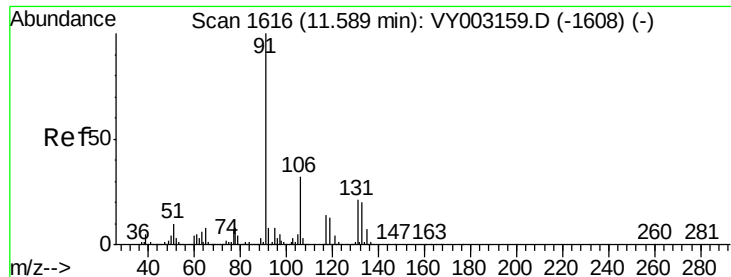
Tot Ion:112 Resp: 643092
Ion Ratio Lower Upper
112 100
114 32.4 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.214 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion:131 Resp: 249106
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 65.0 32.4 97.0





#67

Ethyl Benzene

Concen: 50.306 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

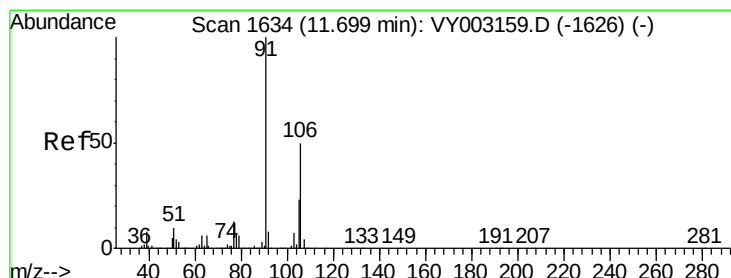
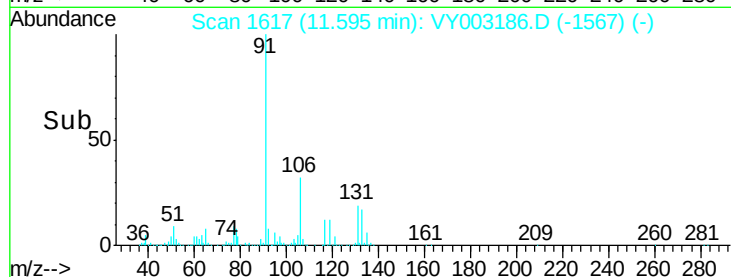
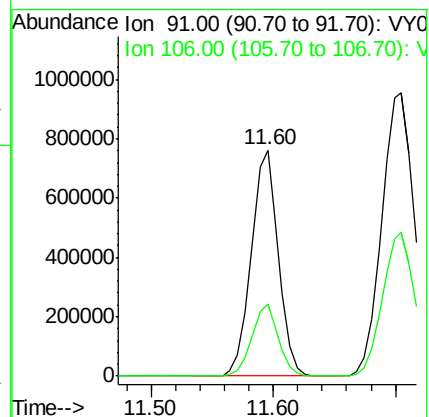
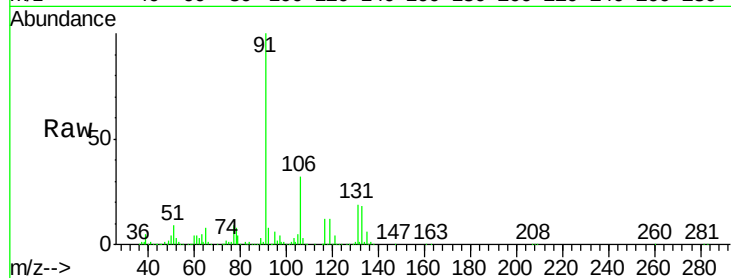
VSTDCCC050

Tot Ion: 91 Resp: 1170583

Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3



#68

m/p-Xylenes

Concen: 99.590 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003186.D

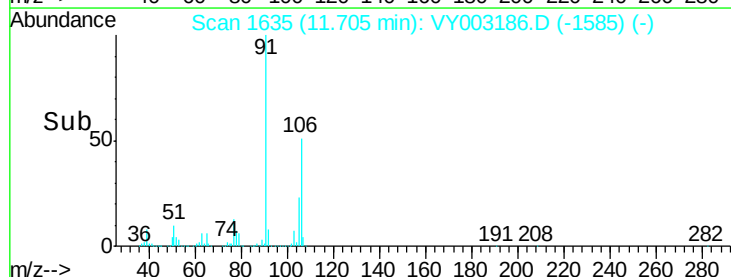
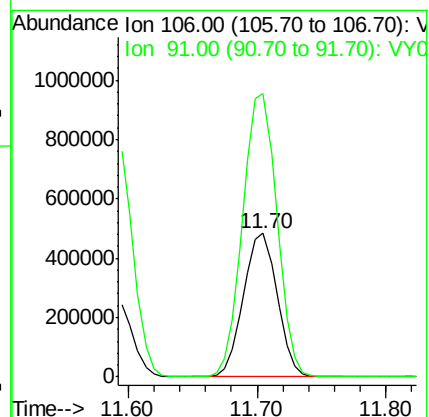
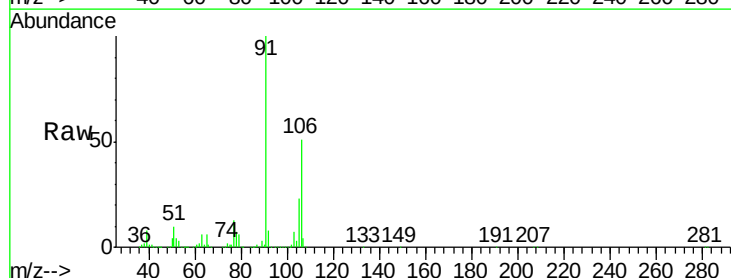
Acq: 14 Jul 2020 10:24

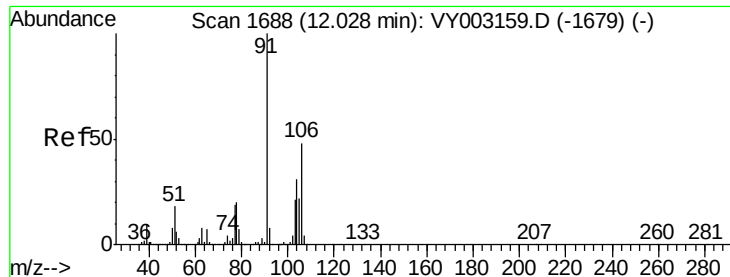
Tgt Ion: 106 Resp: 879287

Ion Ratio Lower Upper

106 100

91 199.9 159.0 238.6

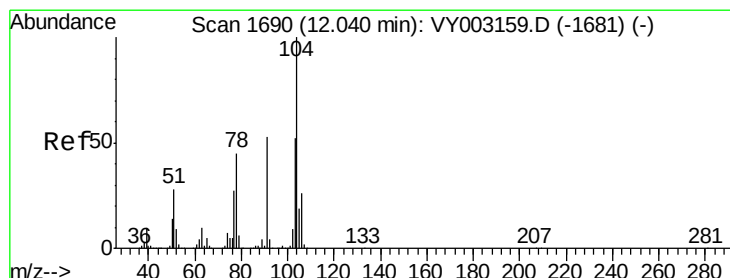
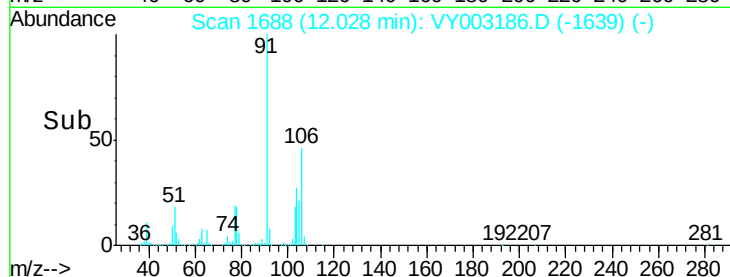
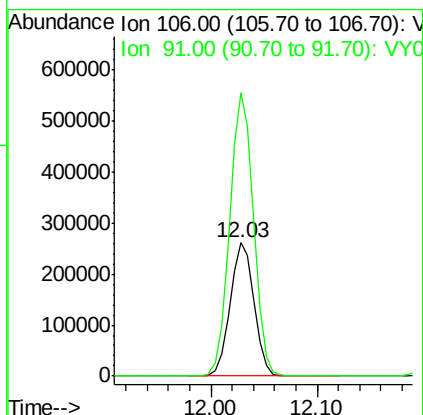
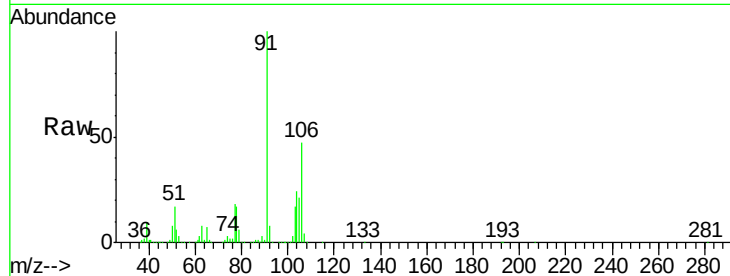




#69
o-Xylene
Concen: 49.652 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

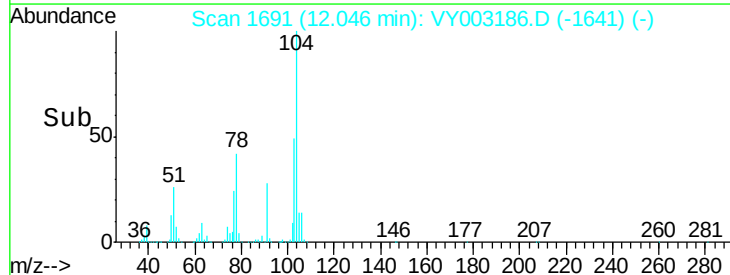
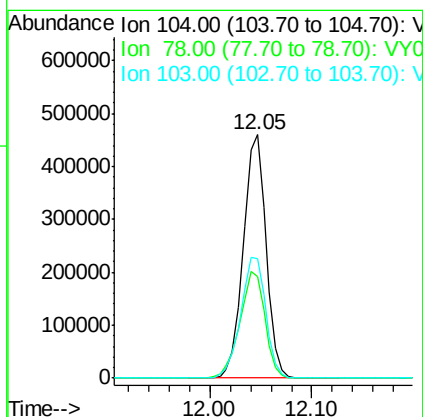
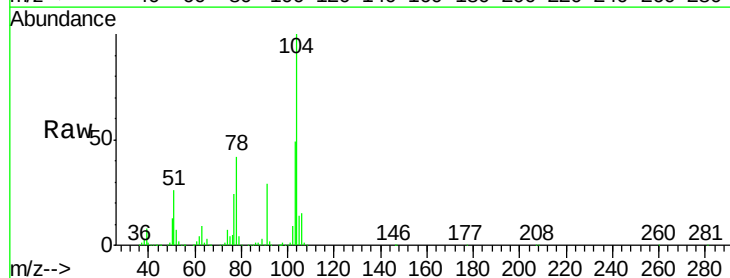
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

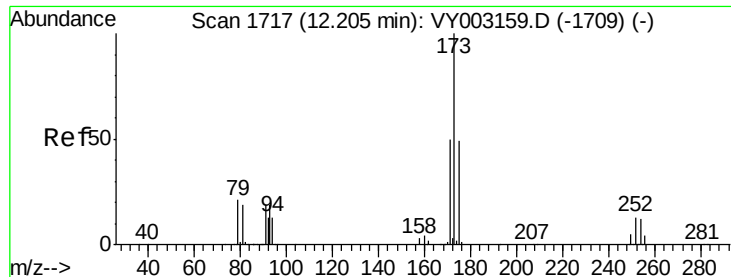
Tot Ion:106 Resp: 409542
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.1



#70
Styrene
Concen: 50.401 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion:104 Resp: 711163
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 54.7 43.9 65.9

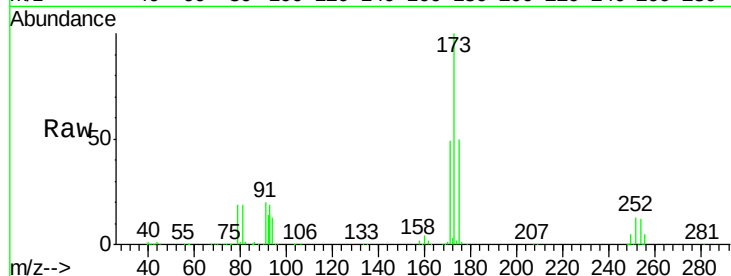




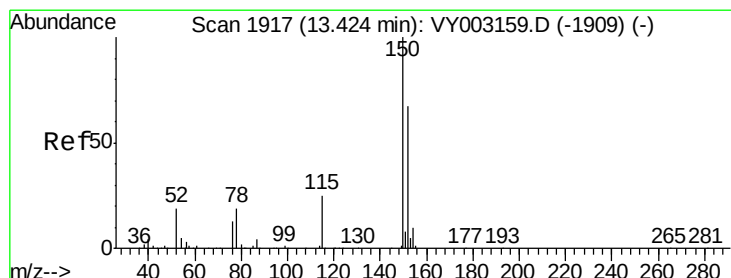
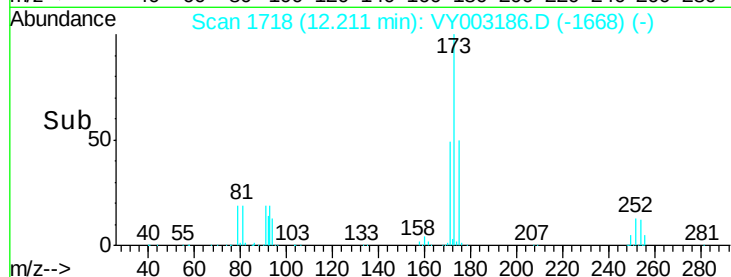
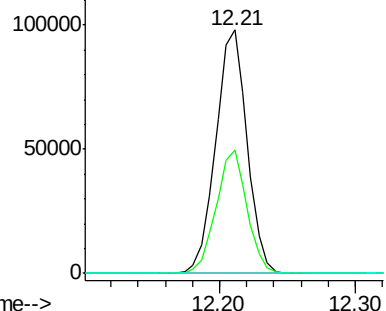
#71
Bromoform
Concen: 47.384 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 157417
Ion Ratio Lower Upper
173 100
175 50.0 24.3 73.0
254 0.2 0.2 0.2

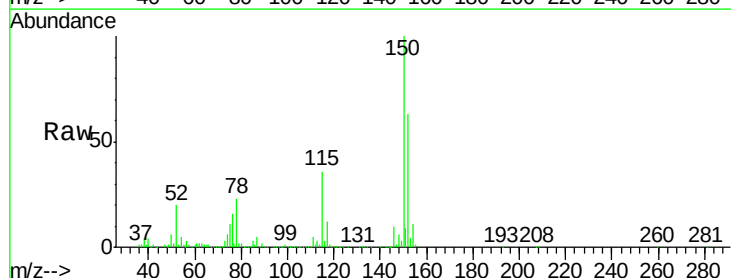


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

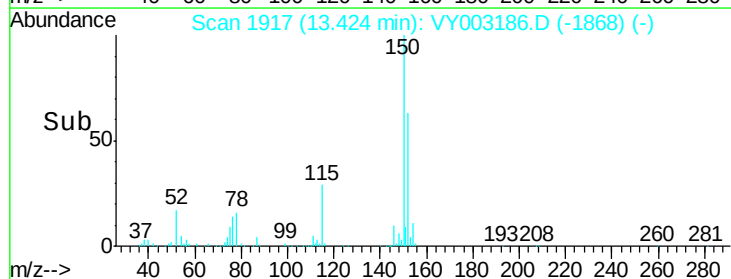
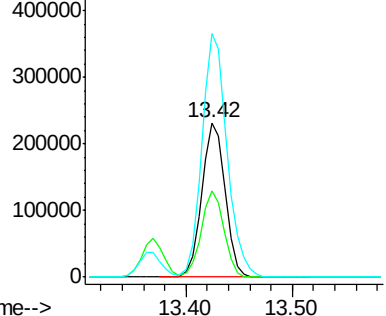


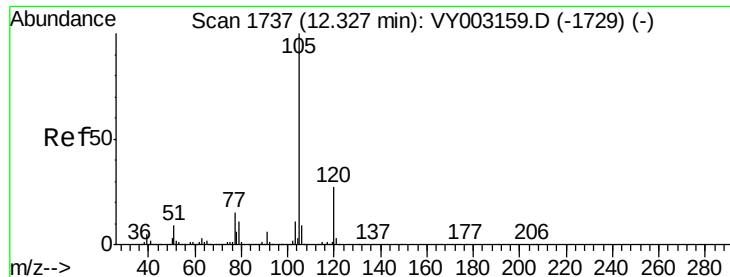
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion:152 Resp: 353971
Ion Ratio Lower Upper
152 100
115 54.8 26.9 80.7
150 170.1 0.0 338.0



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: 50.521 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

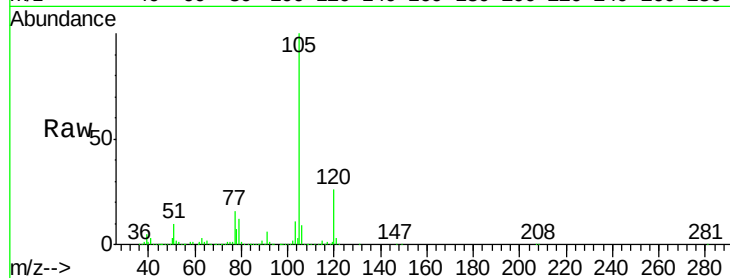
VSTDCCC050

Tot Ion:105 Resp: 1139630

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

800000

600000

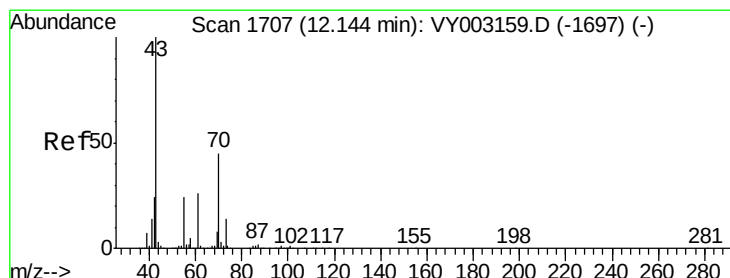
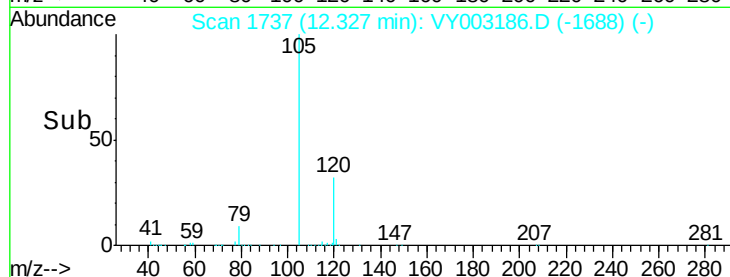
400000

200000

0

12.30 12.40

Time-->



#74

N-ethyl acetate

Concen: 50.371 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Tgt Ion: 43 Resp: 318812

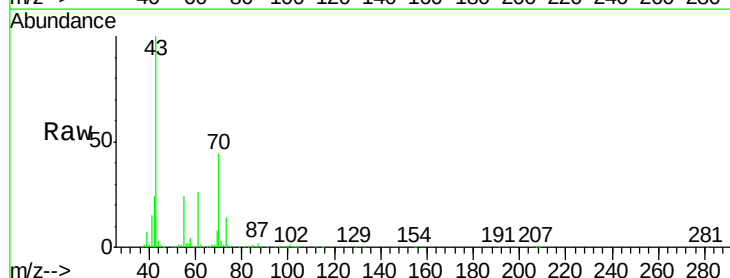
Ion Ratio Lower Upper

43 100

70 44.1 35.6 53.4

55 23.7 19.4 29.2

61 25.1 20.8 31.2



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

300000

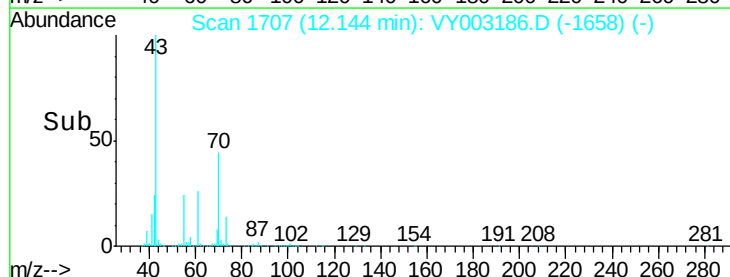
200000

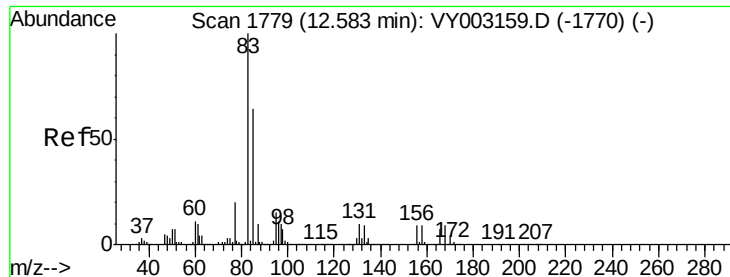
100000

0

12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.838 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

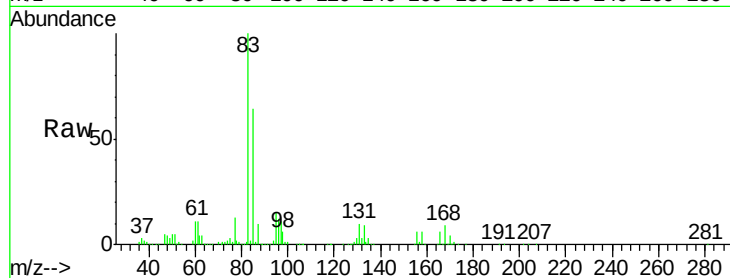
Tot Ion: 83 Resp: 208412

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

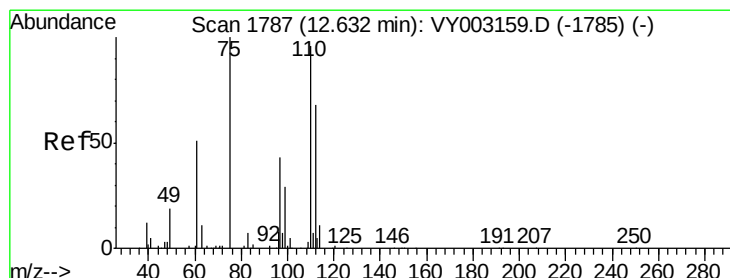
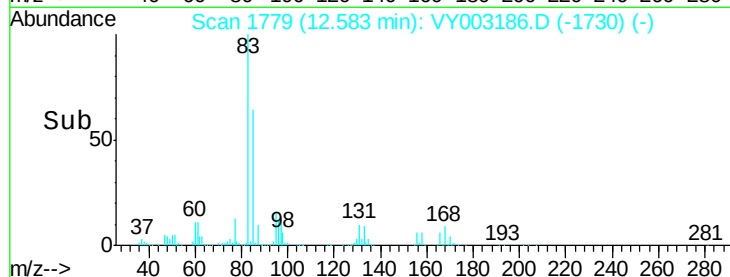
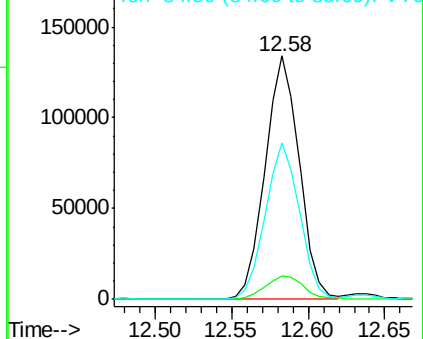
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 50.394 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003186.D

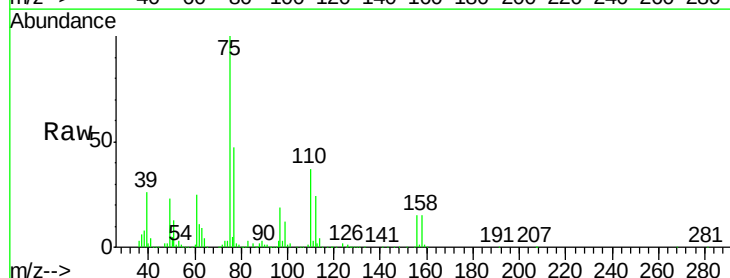
Acq: 14 Jul 2020 10:24

Tgt Ion: 75 Resp: 157898

Ion Ratio Lower Upper

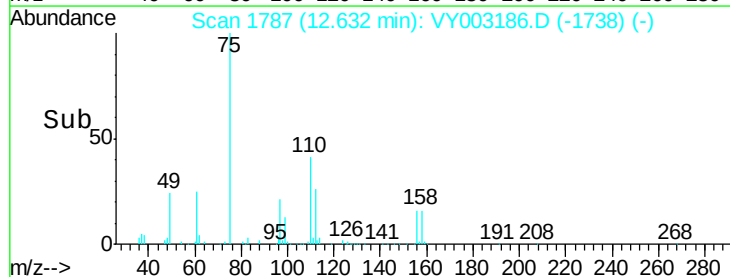
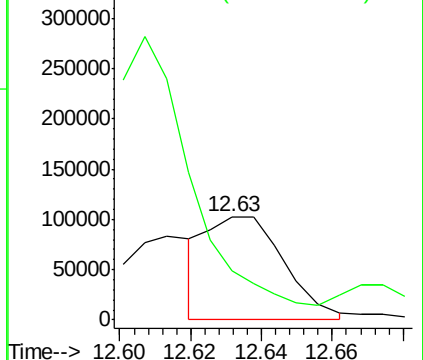
75 100

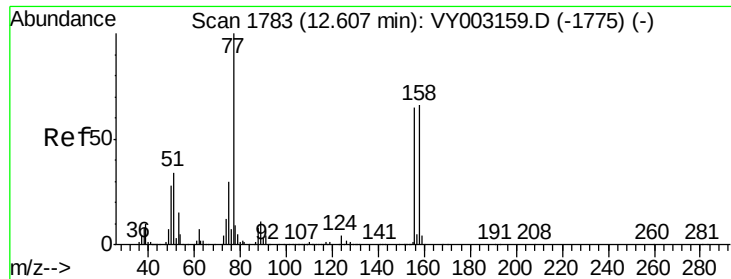
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.106 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

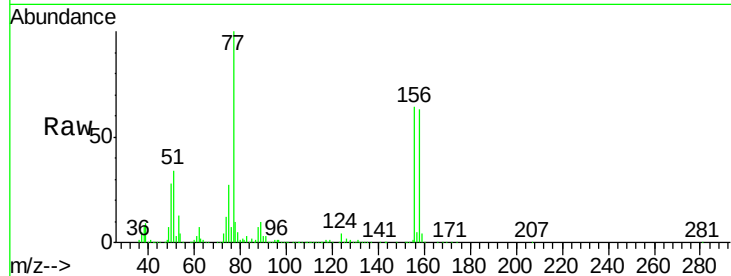
Tot Ion:156 Resp: 282359

Ion Ratio Lower Upper

156 100

77 174.9 86.6 259.7

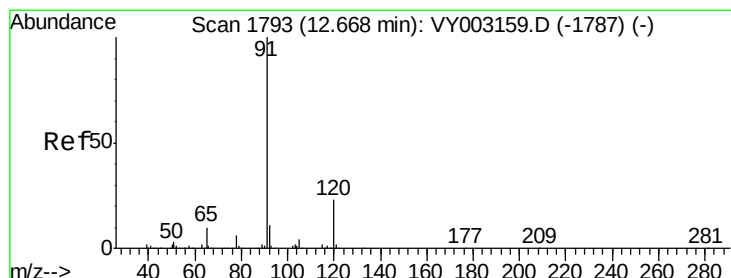
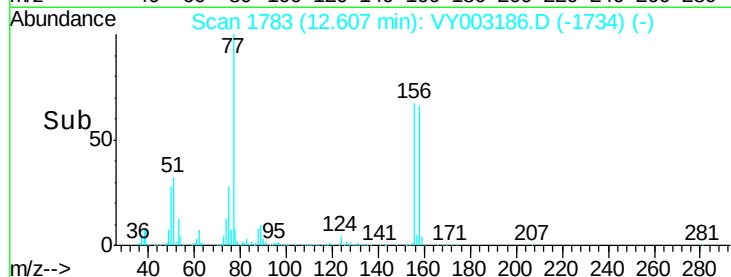
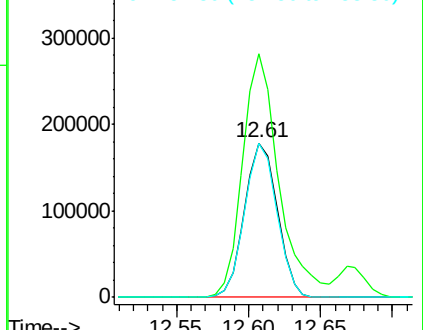
158 97.9 49.4 148.0



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: 51.546 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003186.D

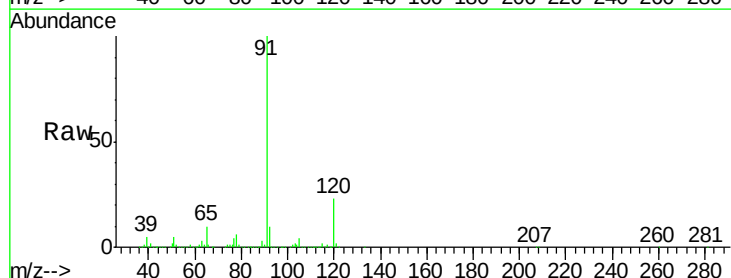
Acq: 14 Jul 2020 10:24

Tgt Ion: 91 Resp: 1370584

Ion Ratio Lower Upper

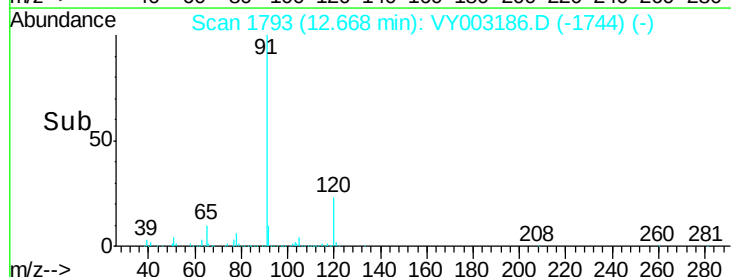
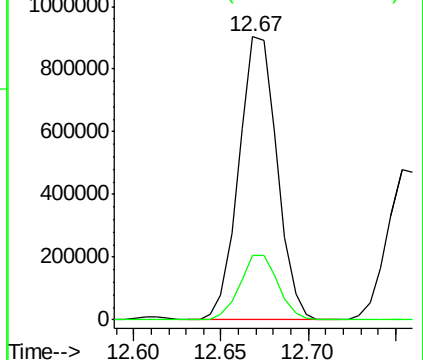
91 100

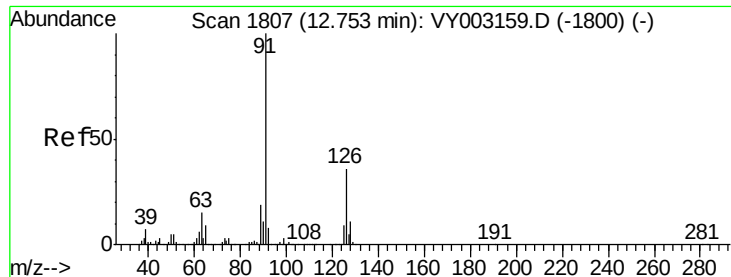
120 22.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

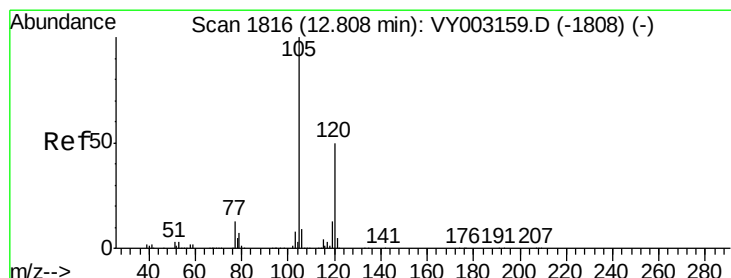
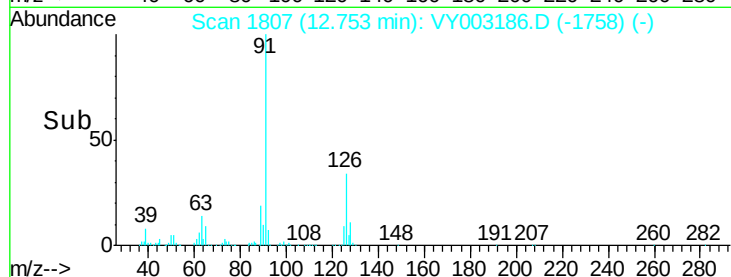
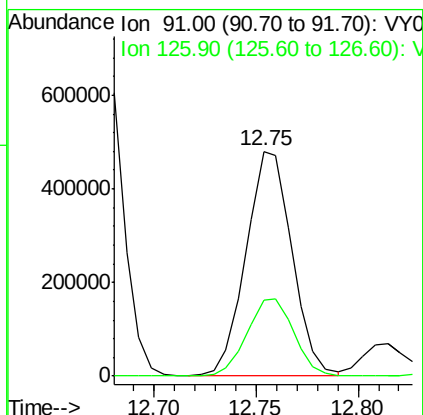
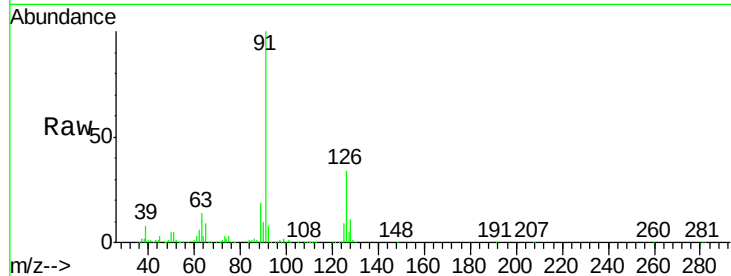




#79
 2-Chlorotoluene
 Concen: 50.757 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

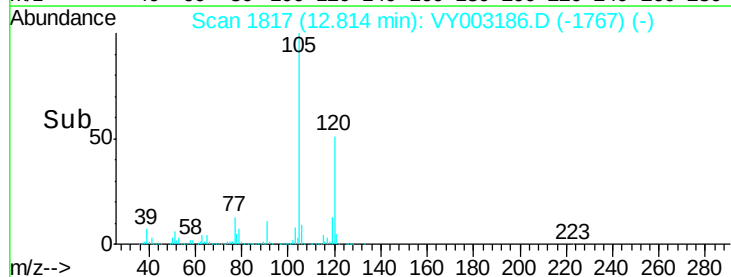
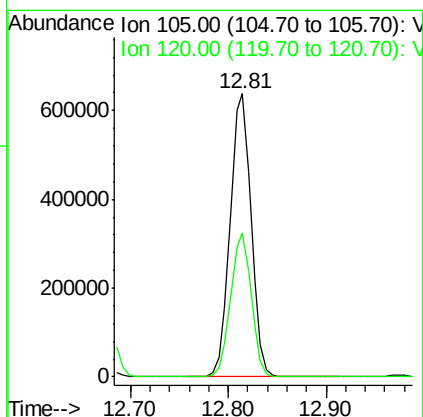
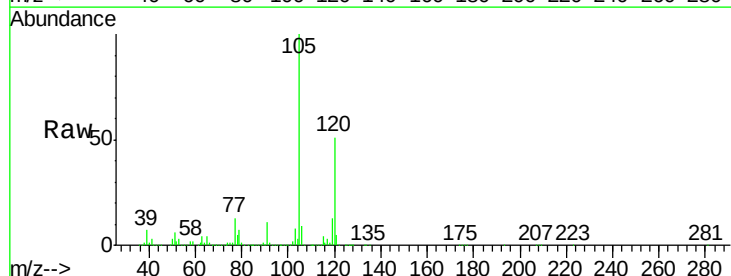
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

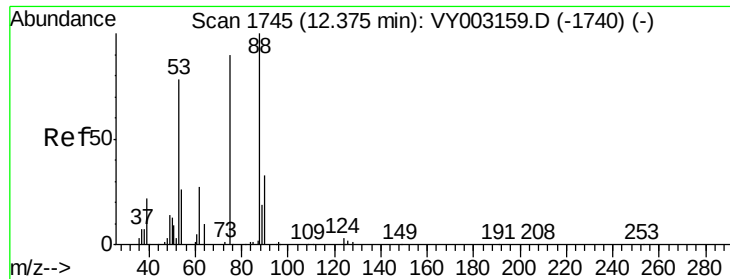
Tot Ion: 91 Resp: 753000
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.292 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion: 105 Resp: 945519
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6

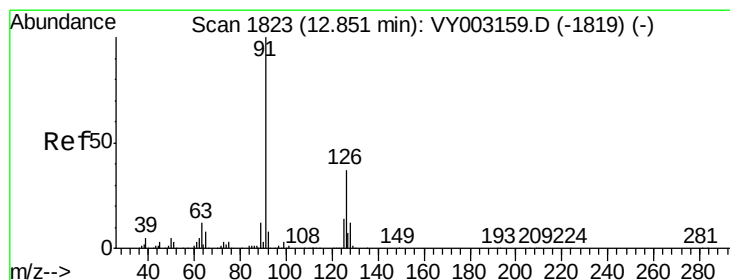
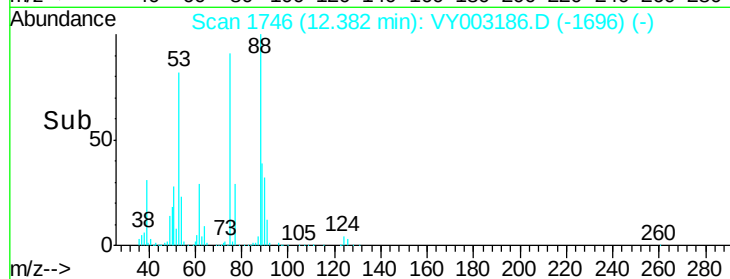
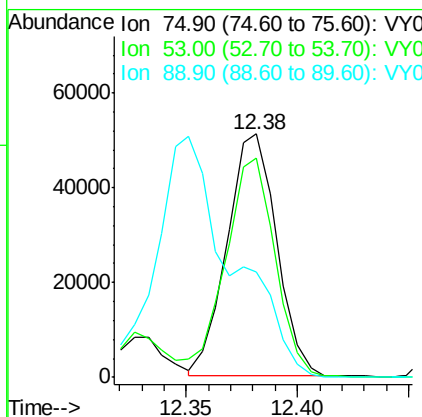
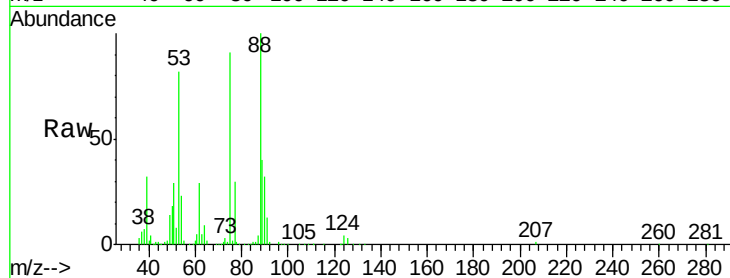




#81
trans-1,4-Dichloro-2-butene
Concen: 49.208 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

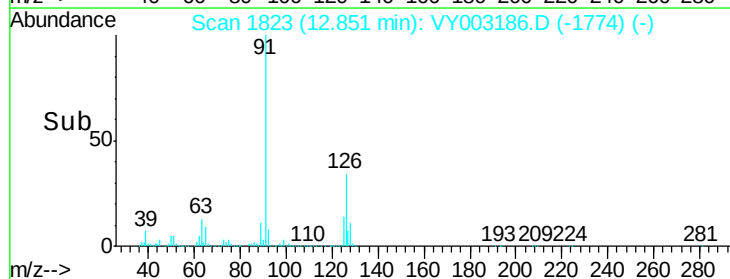
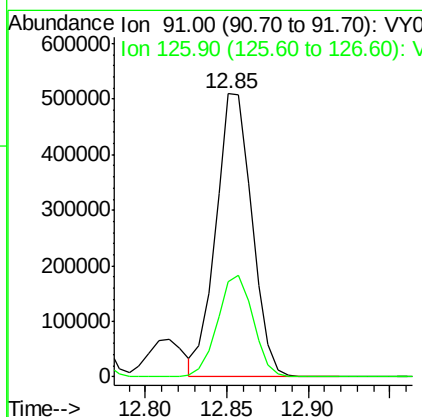
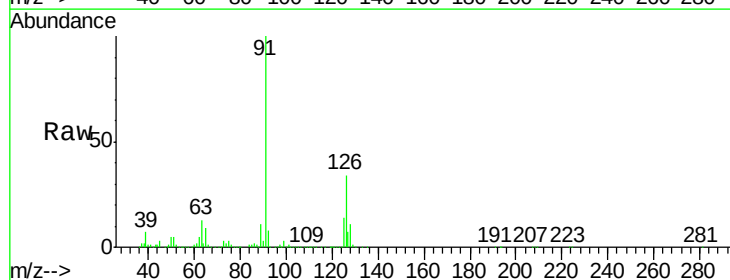
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

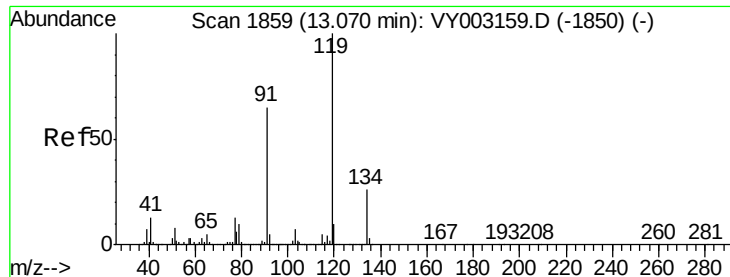
Tot Ion: 75 Resp: 79222
Ion Ratio Lower Upper
75 100
53 91.7 72.0 108.0
89 0.0 37.3 55.9#



#82
4-Chlorotoluene
Concen: 50.578 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion: 91 Resp: 783173
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.7

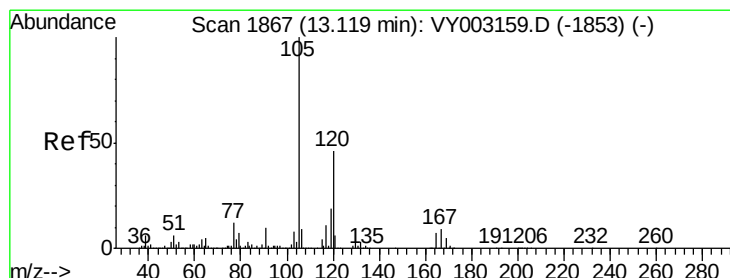
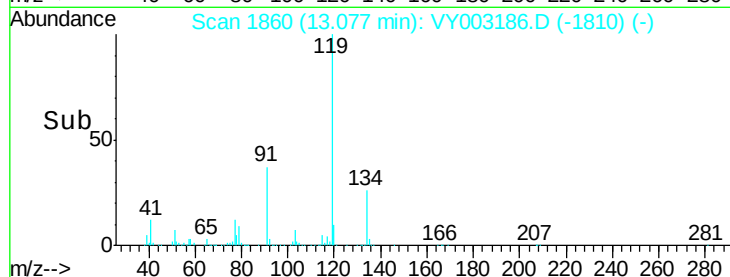
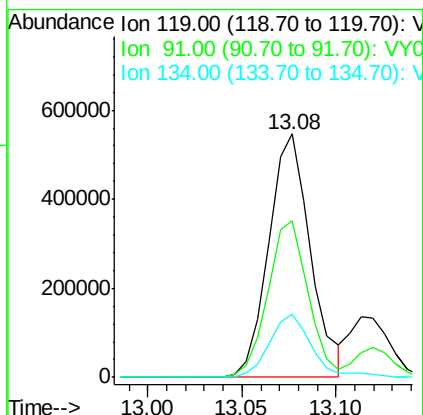
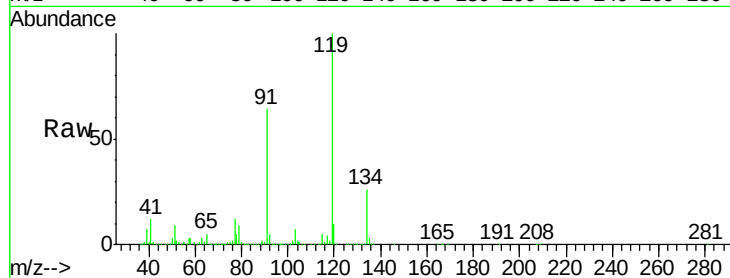




#83
 tert-Butylbenzene
 Concen: 50.434 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

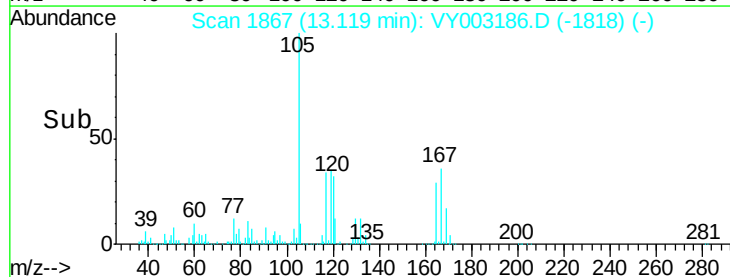
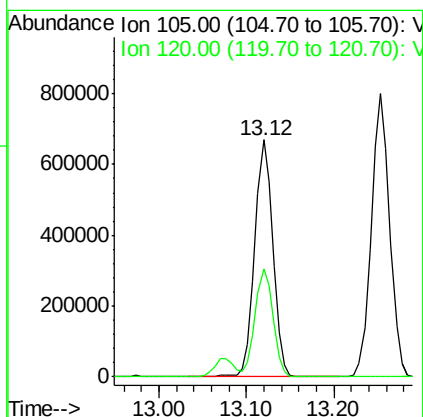
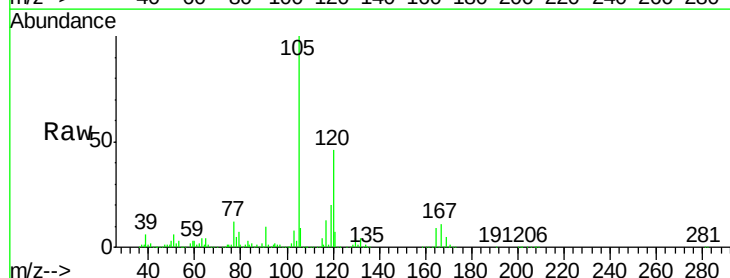
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

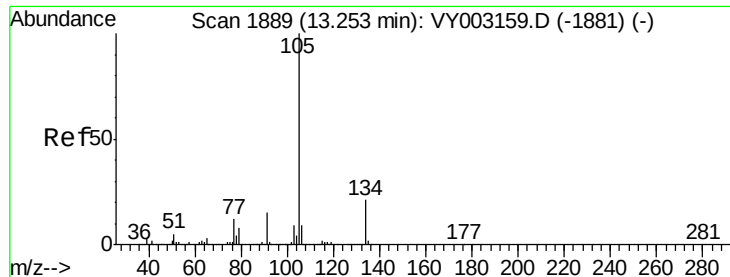
Tot Ion:119 Resp: 836641
 Ion Ratio Lower Upper
 119 100
 91 62.6 30.8 92.4
 134 26.6 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.665 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion:105 Resp: 958401
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 51.255 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

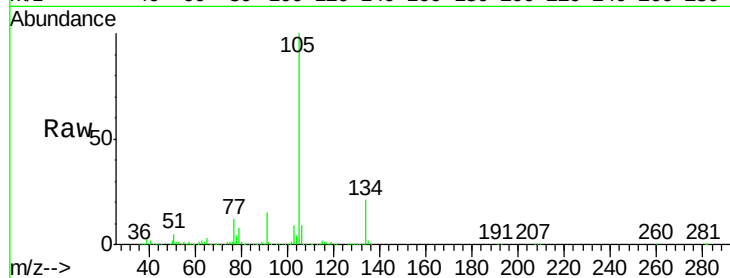
VSTDCCC050

Tot Ion:105 Resp: 1168653

Ion Ratio Lower Upper

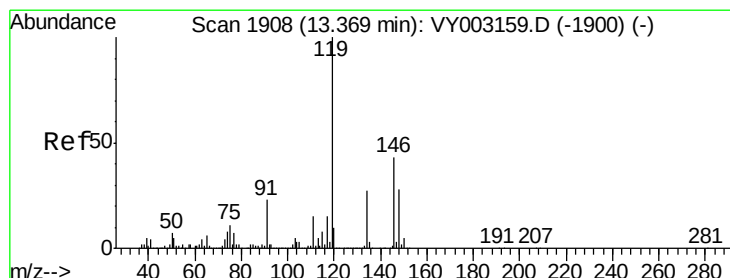
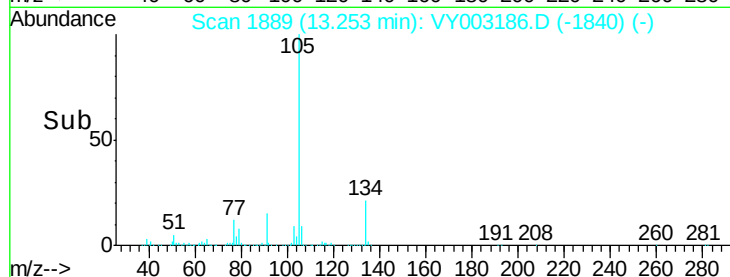
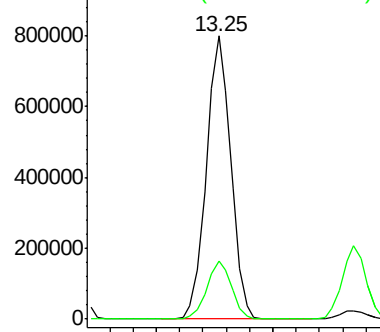
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.684 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

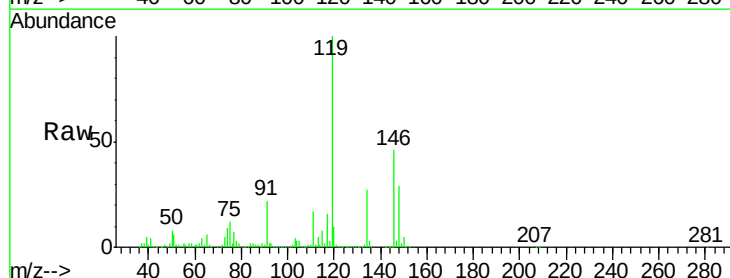
Tgt Ion:119 Resp: 1079018

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

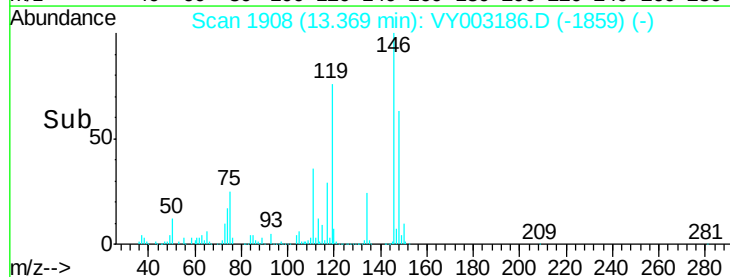
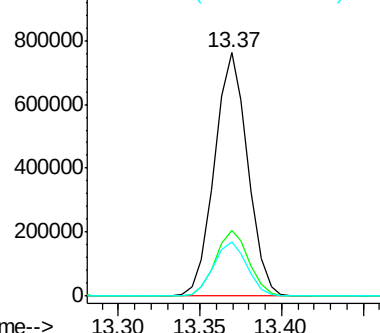
91 22.4 11.2 33.6

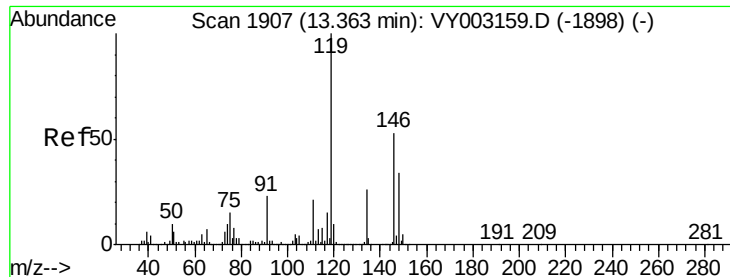


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

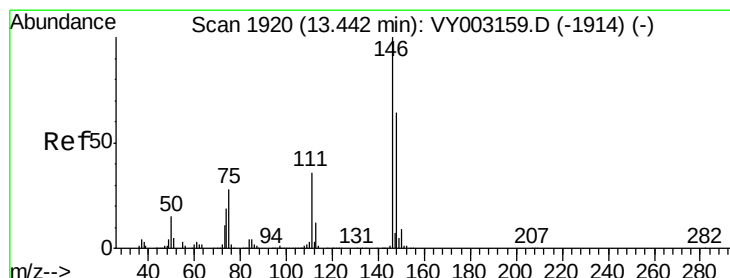
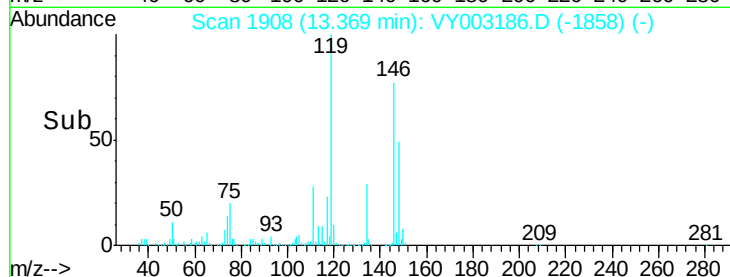
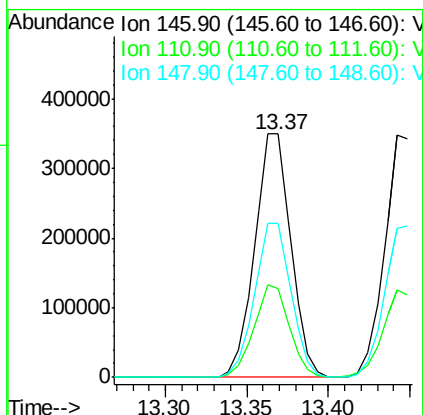
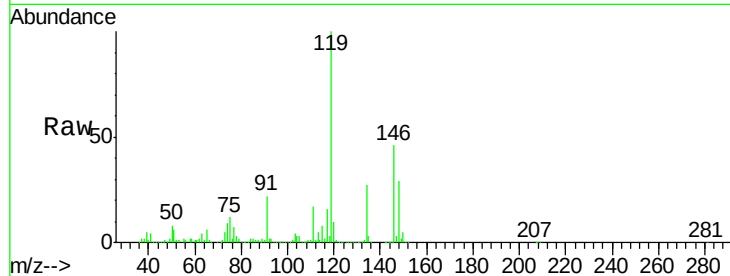




#87
 1,3-Dichlorobenzene
 Concen: 49.730 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

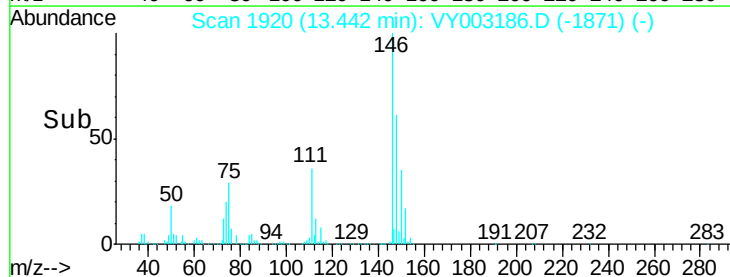
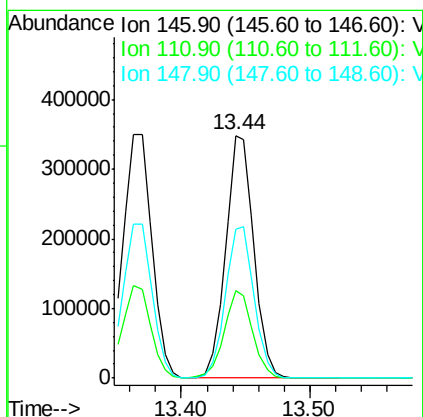
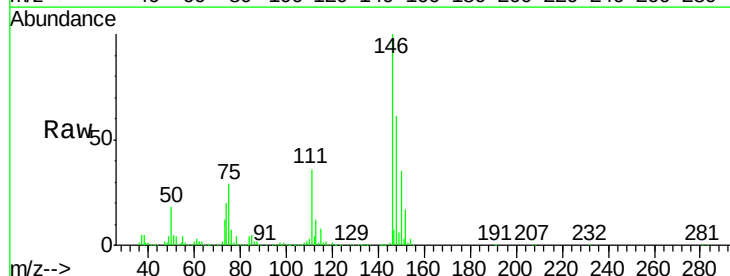
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

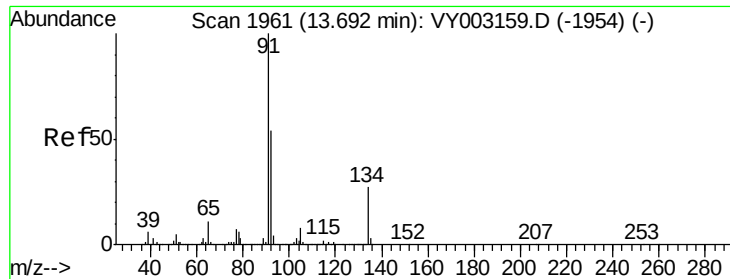
Tot Ion:146 Resp: 540734
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.3
 148 63.8 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 49.236 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion:146 Resp: 530041
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.4 55.0
 148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 51.428 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003186.D

Acq: 14 Jul 2020 10:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

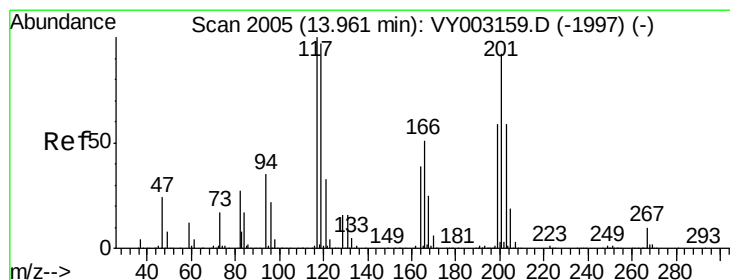
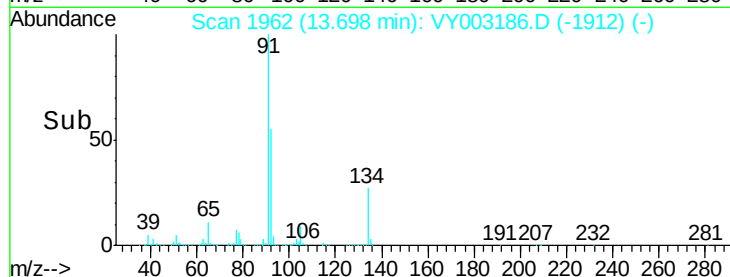
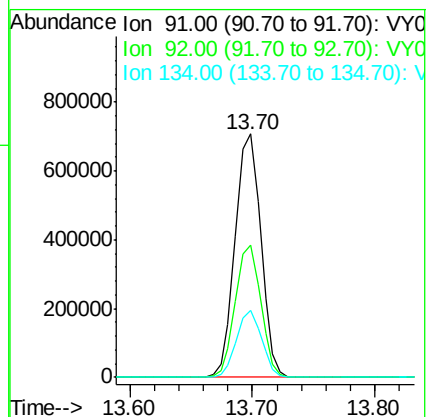
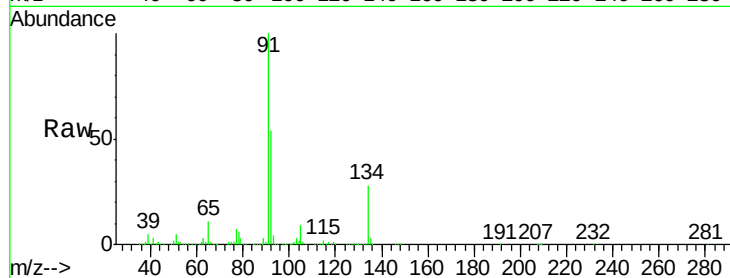
Tot Ion: 91 Resp: 1029847

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.7
134	26.9	13.6	40.7

91 100

92 54.0 26.9 80.7

134 26.9 13.6 40.7



#90

Hexachloroethane

Concen: 52.096 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003186.D

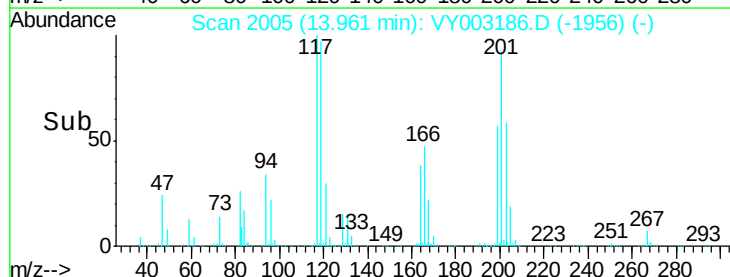
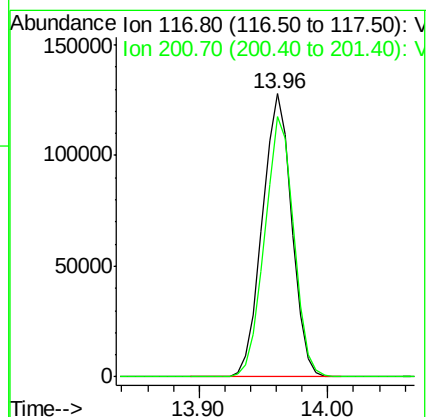
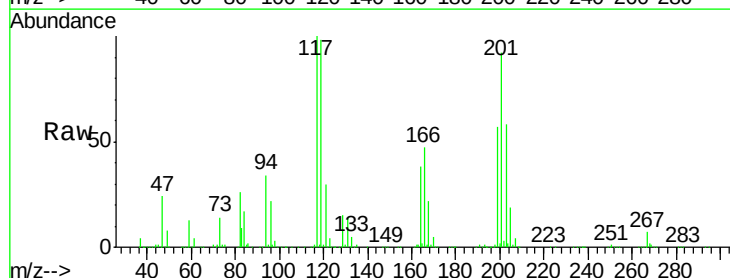
Acq: 14 Jul 2020 10:24

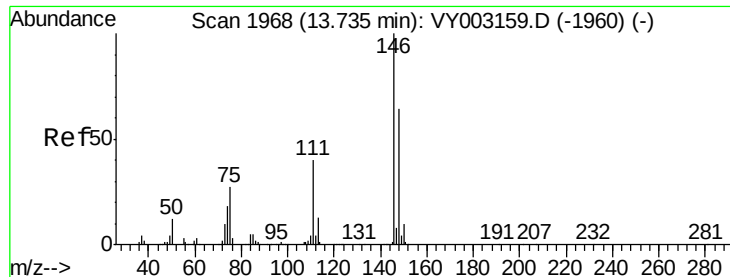
Tgt Ion: 117 Resp: 201973

Ion	Ratio	Lower	Upper
117	100		
201	90.8	45.1	135.3

117 100

201 90.8 45.1 135.3

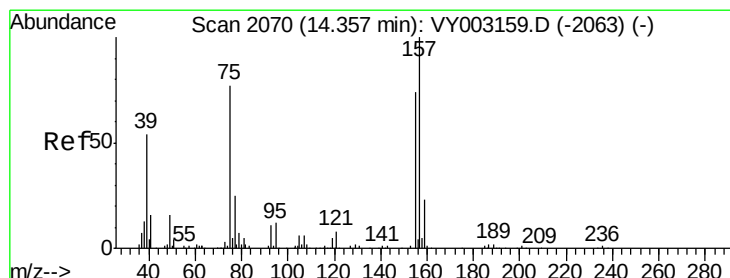
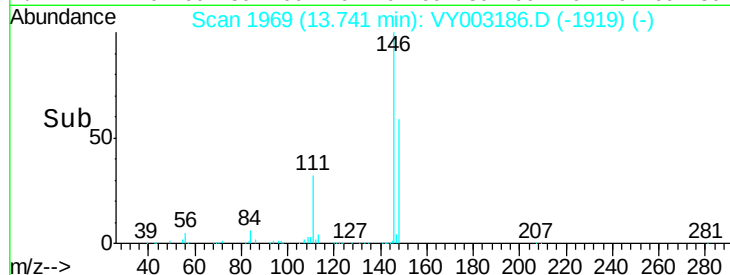
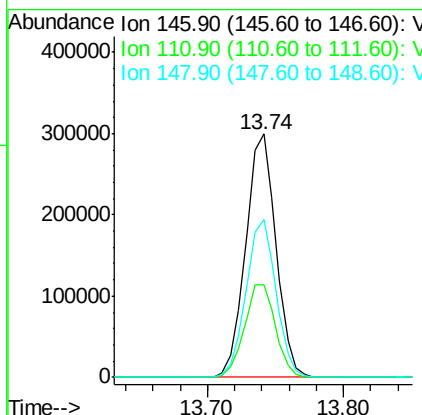
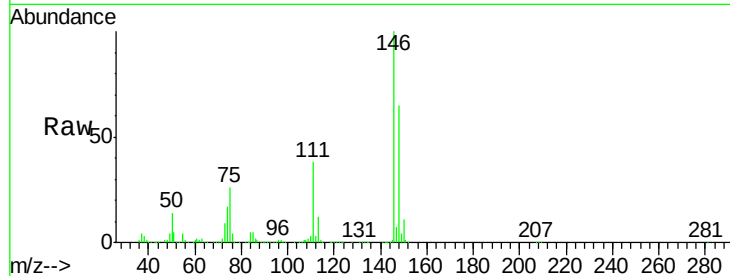




#91
 1,2-Dichlorobenzene
 Concen: 48.879 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

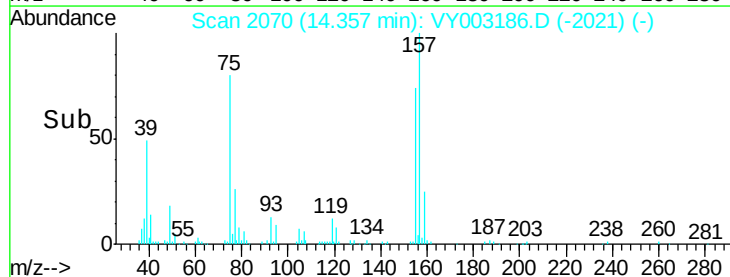
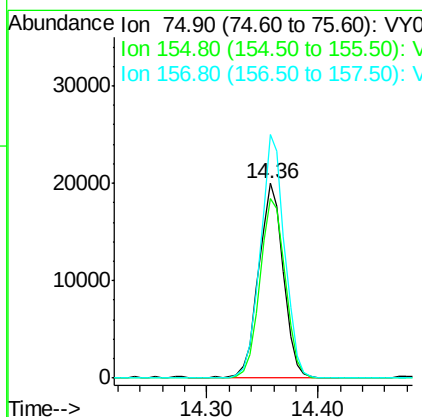
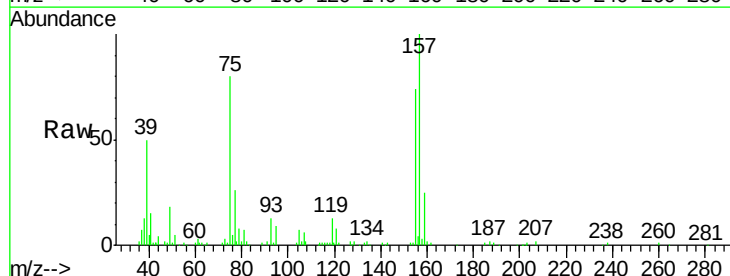
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

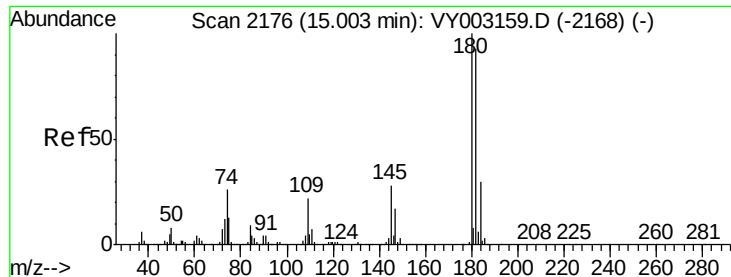
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.2	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.110 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	48.1	144.3
157	121.8	61.9	185.6

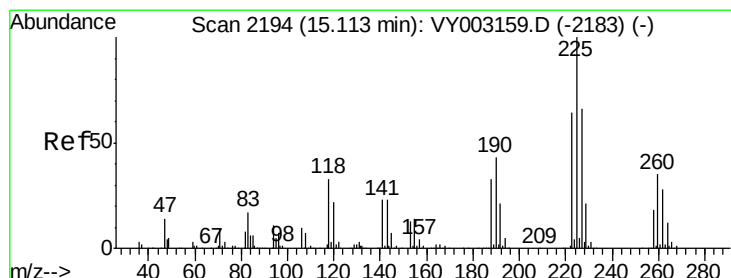
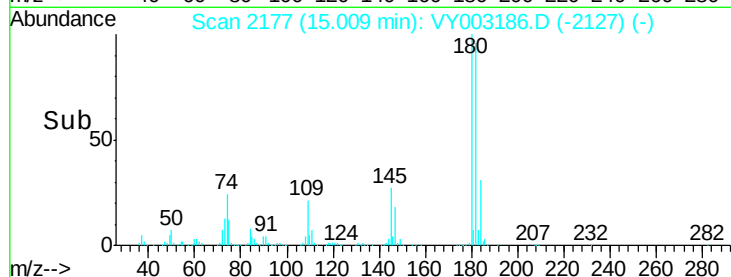
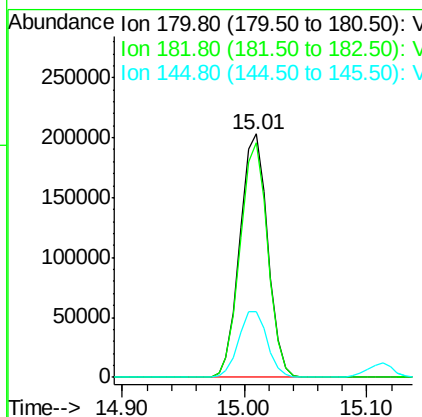
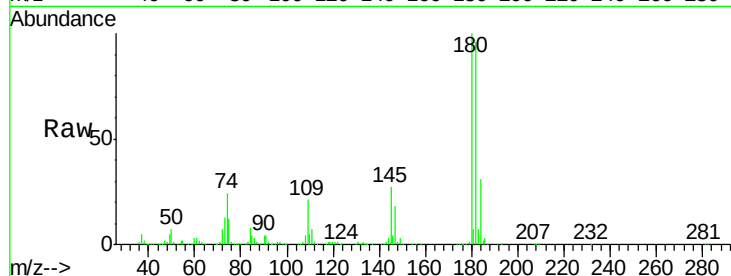




#93
 1,2,4-Trichlorobenzene
 Concen: 47.029 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

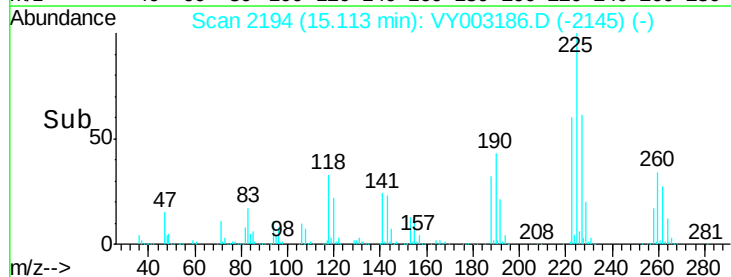
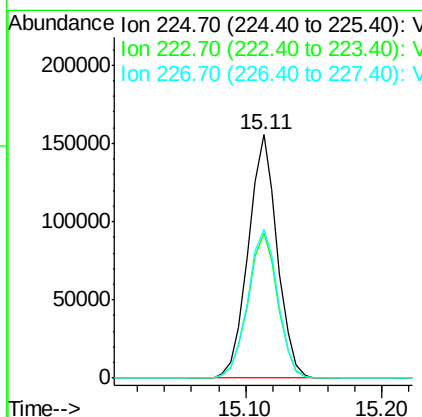
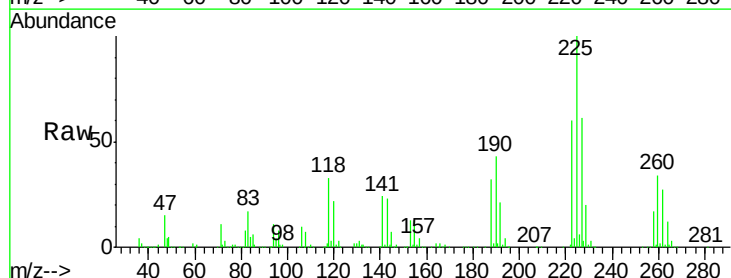
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

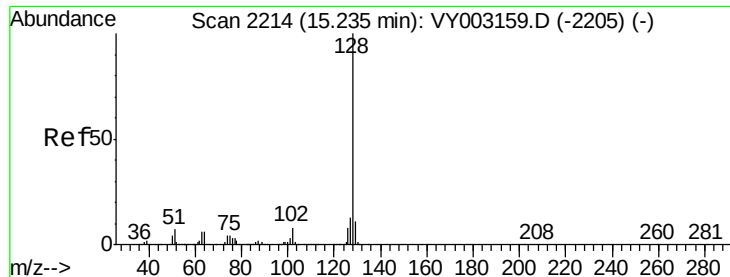
Tot Ion:180 Resp: 319249
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.3 142.0
 145 27.9 13.7 41.1



#94
 Hexachlorobutadiene
 Concen: 49.662 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003186.D
 Acq: 14 Jul 2020 10:24

Tgt Ion:225 Resp: 231000
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 94.7
 227 63.8 32.3 96.8

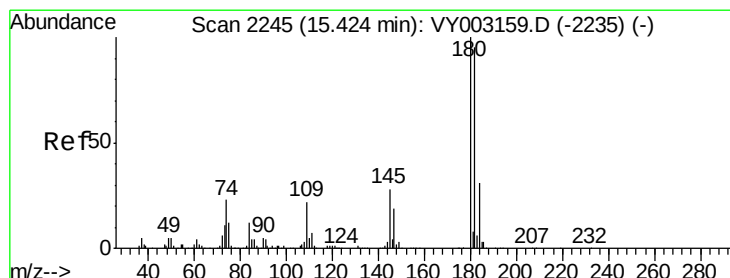
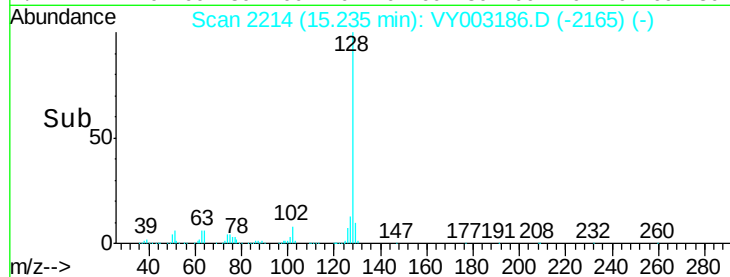
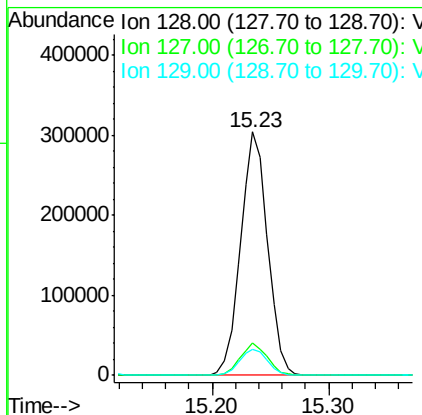
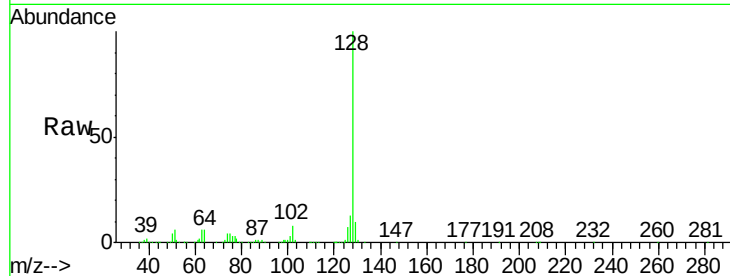




#95
Naphthalene
Concen: 43.738 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 490687
Ion Ratio Lower Upper
128 100
127 13.4 10.9 16.3
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 44.015 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003186.D
Acq: 14 Jul 2020 10:24

Tgt Ion:180 Resp: 236189
Ion Ratio Lower Upper
180 100
182 96.2 48.8 146.3
145 29.0 14.9 44.5

