

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
 Data File : VY003253.D
 Acq On : 21 Jul 2020 16:27
 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 22 02:40:47 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	456167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	673275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	630596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	333408	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	193491	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
35) Dibromofluoromethane	7.72	113	187085	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	10.18	98	686005	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.48	95	248442	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	130932	40.047	ug/l	99
3) Chloromethane	2.11	50	202234	44.594	ug/l	97
4) Vinyl Chloride	2.26	62	215229	46.256	ug/l	100
5) Bromomethane	2.65	94	165234	47.809	ug/l	98
6) Chloroethane	2.80	64	143004	46.792	ug/l	99
7) Trichlorofluoromethane	3.13	101	318625	47.950	ug/l	97
8) Diethyl Ether	3.54	74	113938	51.169	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	195103	48.615	ug/l	99
10) Methyl Iodide	4.10	142	208089	47.725	ug/l	100
11) Tert butyl alcohol	4.96	59	104957	252.101	ug/l	99
12) 1,1-Dichloroethene	3.88	96	186694	49.183	ug/l	99
13) Acrolein	3.74	56	83282	230.466	ug/l	100
14) Allyl chloride	4.49	41	304651	54.088	ug/l	96
15) Acrylonitrile	5.18	53	298190	278.781	ug/l	100
16) Acetone	3.96	43	246378	286.479	ug/l	94
17) Carbon Disulfide	4.20	76	560583	48.127	ug/l	99
18) Methyl Acetate	4.48	43	135628	56.786	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	559946	52.638	ug/l	98
20) Methylene Chloride	4.72	84	225236	52.306	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	212872	49.581	ug/l	95
22) Diisopropyl ether	6.13	45	686826	54.943	ug/l	97
23) Vinyl Acetate	6.07	43	2291544	275.030	ug/l	98
24) 1,1-Dichloroethane	6.03	63	379834	52.447	ug/l	99
25) 2-Butanone	6.99	43	391665	277.368	ug/l	97
26) 2,2-Dichloropropane	6.99	77	327127	50.156	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	243068	51.420	ug/l	99
28) Bromochloromethane	7.34	49	164312	52.403	ug/l	98
29) Tetrahydrofuran	7.35	42	264978	279.333	ug/l	96
30) Chloroform	7.52	83	388445	52.077	ug/l	97
31) Cyclohexane	7.78	56	334984	47.834	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	336920	50.174	ug/l	99
36) 1,1-Dichloropropene	7.92	75	295290	48.392	ug/l	99
37) Ethyl Acetate	7.08	43	179171	54.523	ug/l	99
38) Carbon Tetrachloride	7.91	117	307461	48.807	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	368054	48.014	ug/l	98
40) Benzene	8.17	78	849360	50.551	ug/l	96
41) Methacrylonitrile	7.35	41	244472	123.523	ug/l #	1
42) 1,2-Dichloroethane	8.24	62	261188	50.494	ug/l	99
43) Isopropyl Acetate	8.28	43	338397	53.200	ug/l	100
44) Trichloroethene	8.94	130	248749	48.294	ug/l	95
45) 1,2-Dichloropropane	9.22	63	225803	51.938	ug/l	98
46) Dibromomethane	9.31	93	130064	51.221	ug/l	98
47) Bromodichloromethane	9.50	83	311444	51.570	ug/l	99
48) Methyl methacrylate	9.30	41	151544	53.292	ug/l	96
49) 1,4-Dioxane	9.30	88	33468	1038.490	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	894482	270.551	ug/l	100
52) Toluene	10.24	92	532490	49.583	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	325566	52.031	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	373896	51.862	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	182508	50.722	ug/l	96
56) Ethyl methacrylate	10.51	69	262440	53.647	ug/l	96
57) 1,3-Dichloropropane	10.79	76	318932	52.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	664728	266.436	ug/l	99
59) 2-Hexanone	10.83	43	631549	273.642	ug/l	99
60) Dibromochloromethane	10.99	129	234620	51.842	ug/l	99
61) 1,2-Dibromoethane	11.09	107	177008	49.843	ug/l	98
64) Tetrachloroethene	10.72	164	256862	45.684	ug/l	99
65) Chlorobenzene	11.52	112	598835	49.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	234878	49.781	ug/l	99
67) Ethyl Benzene	11.59	91	1068417	49.258	ug/l	99
68) m/p-Xylenes	11.70	106	807444	98.110	ug/l	100
69) o-Xylene	12.03	106	387116	50.350	ug/l	100
70) Styrene	12.04	104	673533	51.209	ug/l	100
71) Bromoform	12.20	173	160604	51.863	ug/l	100
73) Isopropylbenzene	12.33	105	1043374	49.107	ug/l	99
74) N-amyl acetate	12.14	43	318756	53.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	214322	52.228	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	291964	98.929	ug/l #	100
77) Bromobenzene	12.61	156	269582	49.776	ug/l	99
78) n-propylbenzene	12.67	91	1250297	49.922	ug/l	99
79) 2-Chlorotoluene	12.75	91	694199	49.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	876215	49.480	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	79156	52.199	ug/l	95
82) 4-Chlorotoluene	12.85	91	729897	50.045	ug/l	100
83) tert-Butylbenzene	13.08	119	781774	50.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	885962	49.724	ug/l	98
85) sec-Butylbenzene	13.25	105	1073188	49.971	ug/l	100
86) p-Isopropyltoluene	13.37	119	995362	49.638	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	515276	50.311	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	510388	50.335	ug/l	99
89) n-Butylbenzene	13.70	91	937698	49.715	ug/l	100
90) Hexachloroethane	13.96	117	186971	51.201	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	465511	51.793	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36628	55.057	ug/l	97

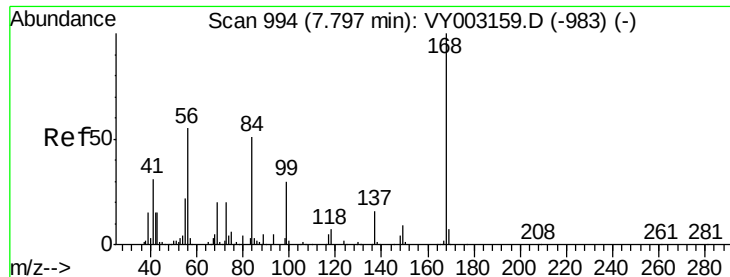
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	334690	52.344	ug/l	99
94) Hexachlorobutadiene	15.11	225	212809	48.572	ug/l	99
95) Naphthalene	15.23	128	632667	59.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	290954	57.564	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

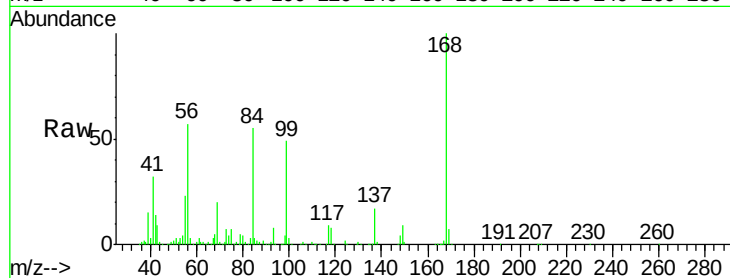
VSTDCCC050

Tot Ion:168 Resp: 456167

Ion Ratio Lower Upper

168 100

99 49.4 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

200000

150000

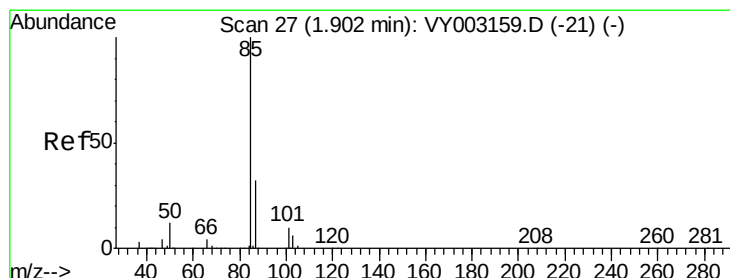
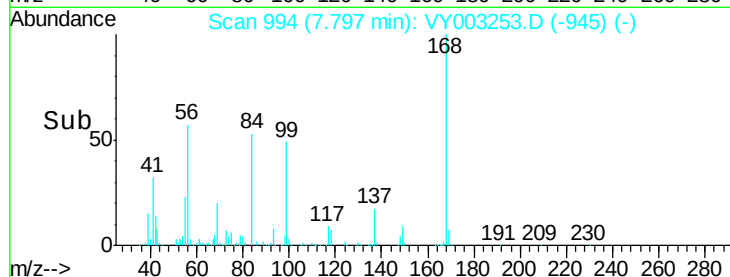
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 40.047 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003253.D

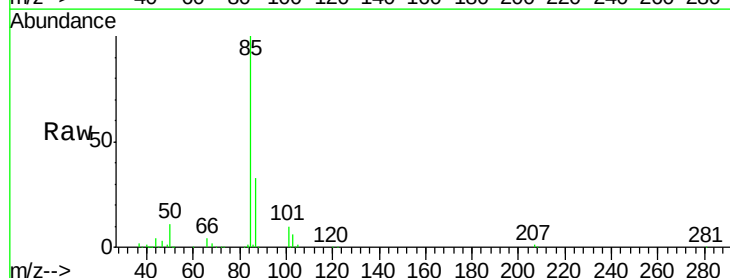
Acq: 21 Jul 2020 16:27

Tgt Ion: 85 Resp: 130932

Ion Ratio Lower Upper

85 100

87 32.5 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

100000

80000

60000

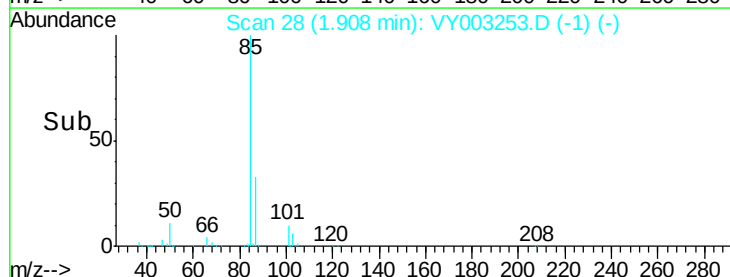
40000

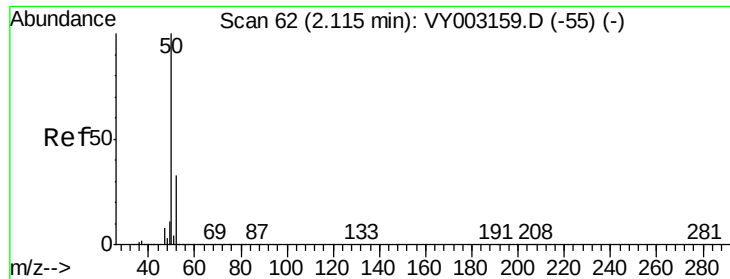
20000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 44.594 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

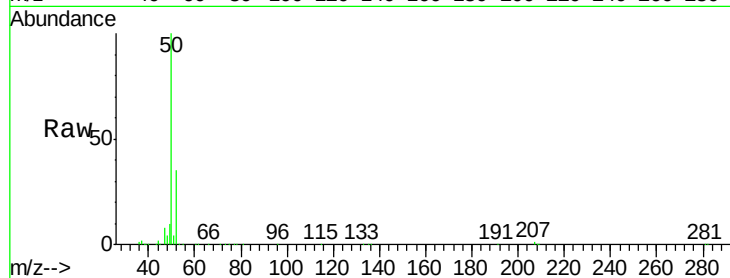
VSTDCCC050

Tot Ion: 50 Resp: 202234

Ion Ratio Lower Upper

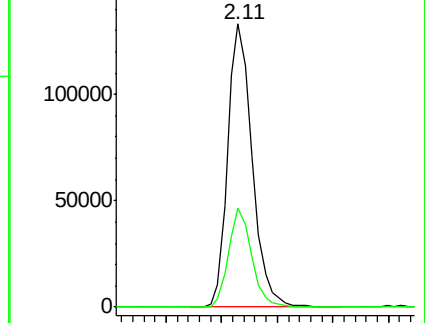
50 100

52 35.1 26.6 39.8

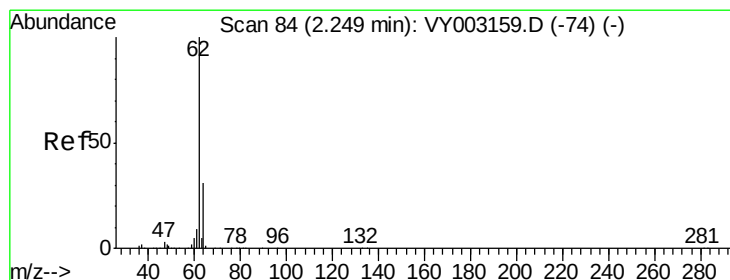
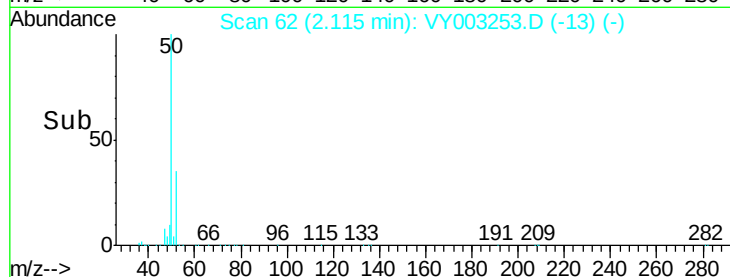


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



Time-->



#4

Vinyl Chloride

Concen: 46.256 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003253.D

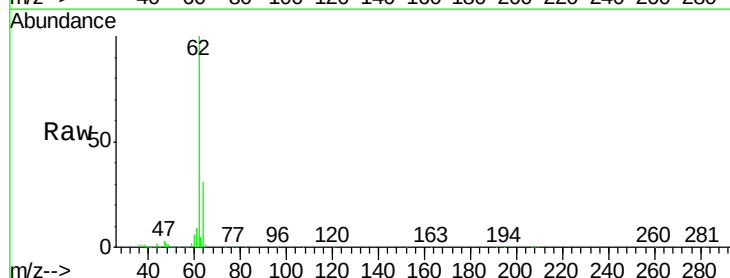
Acq: 21 Jul 2020 16:27

Tgt Ion: 62 Resp: 215229

Ion Ratio Lower Upper

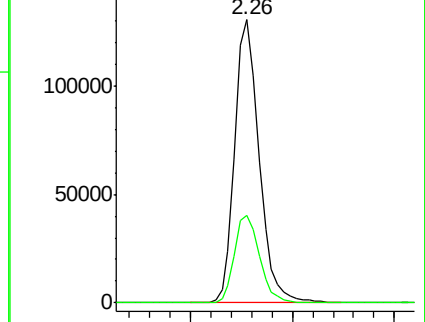
62 100

64 31.1 24.6 37.0

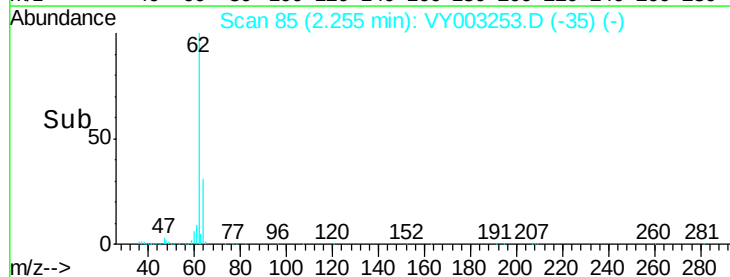


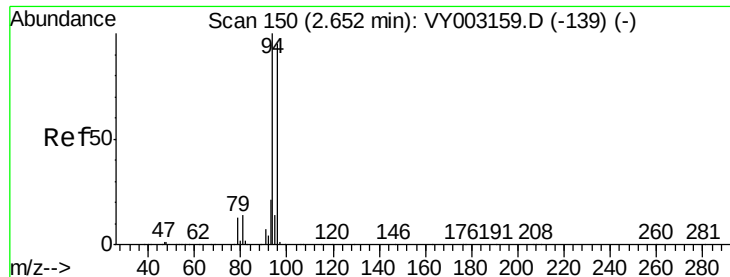
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



Time-->





#5

Bromomethane

Concen: 47.809 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

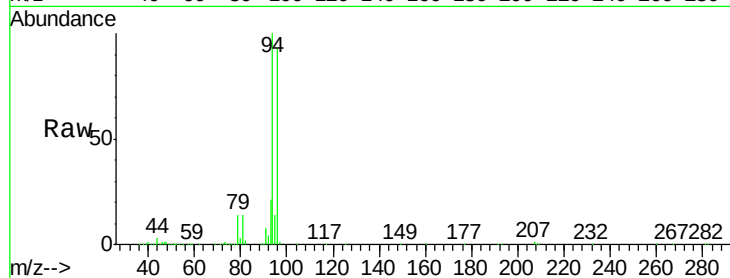
VSTDCCC050

Tot Ion: 94 Resp: 165234

Ion Ratio Lower Upper

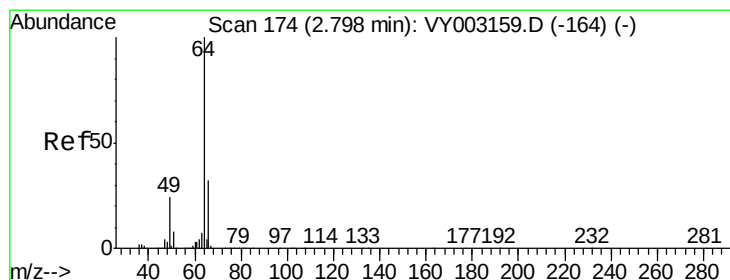
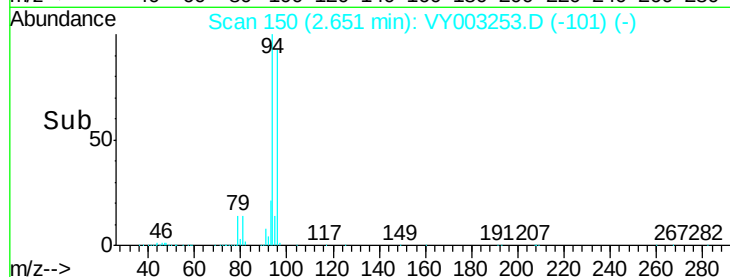
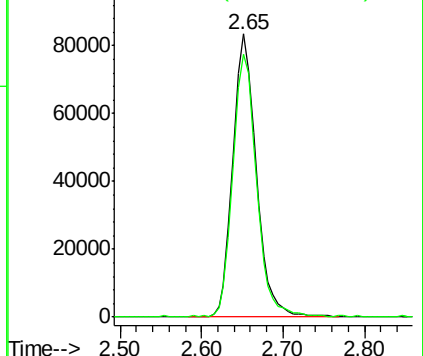
94 100

96 92.8 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.792 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003253.D

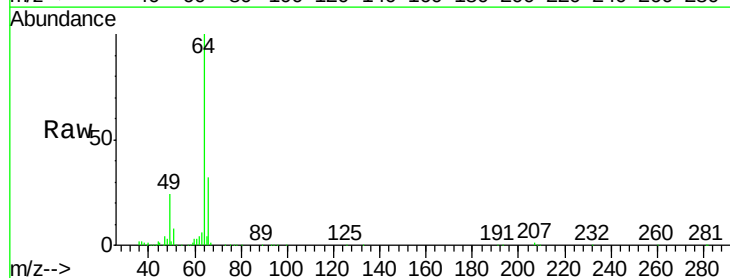
Acq: 21 Jul 2020 16:27

Tgt Ion: 64 Resp: 143004

Ion Ratio Lower Upper

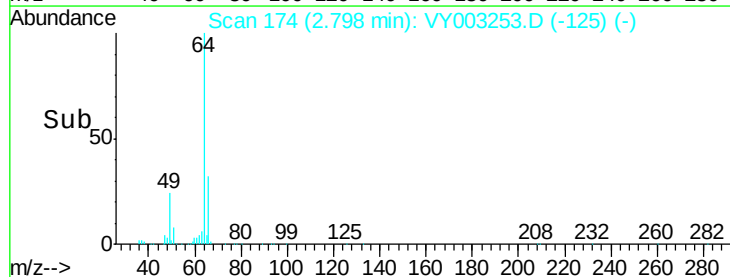
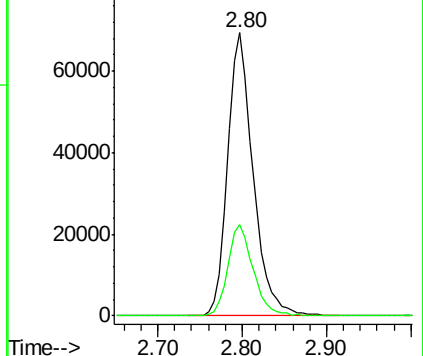
64 100

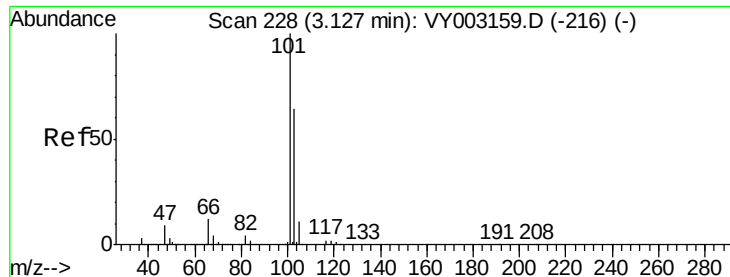
66 32.1 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



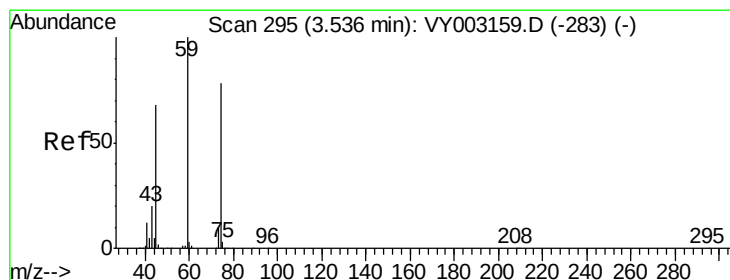
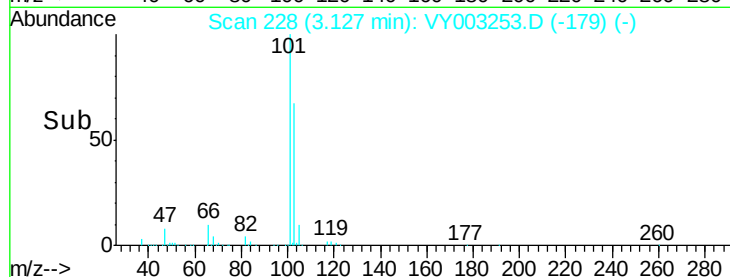
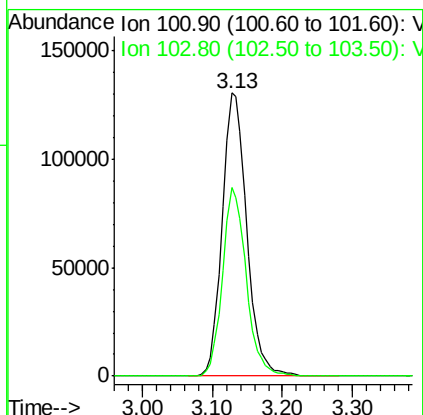
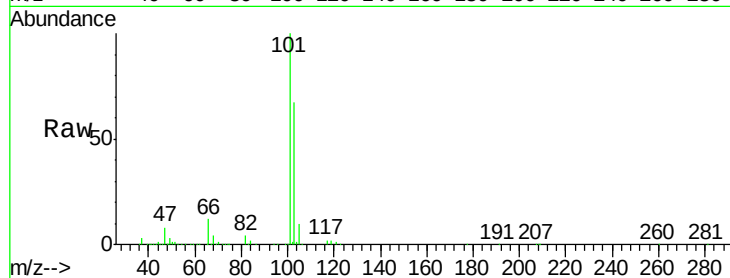


#7

Trichlorofluoromethane
Concen: 47.950 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
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VSTDCCC050

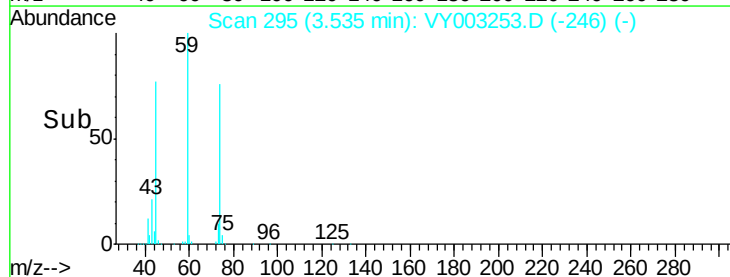
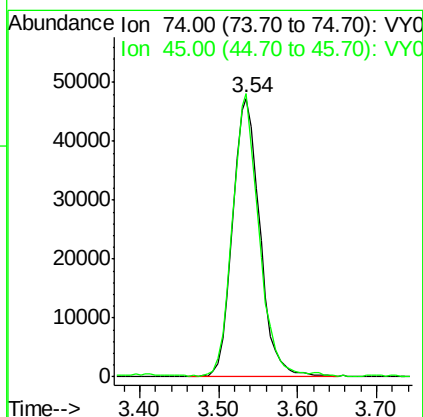
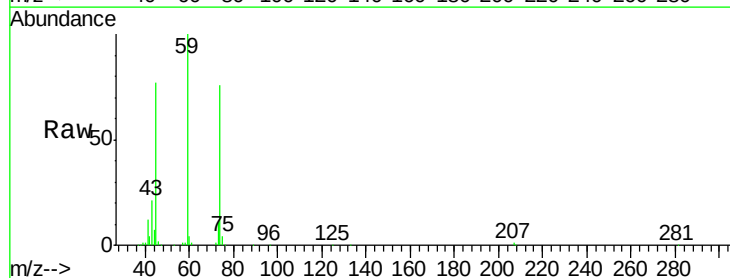
Tot Ion:101 Resp: 318625
Ion Ratio Lower Upper
101 100
103 66.7 51.3 76.9

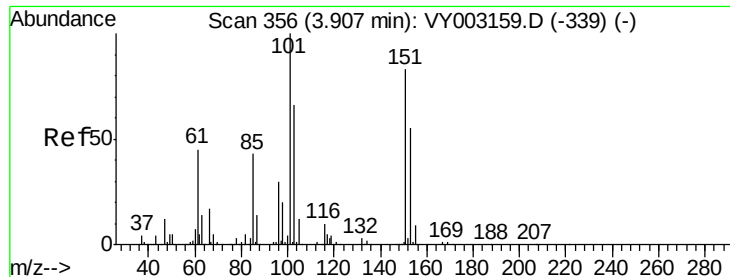


#8

Diethyl Ether
Concen: 51.169 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 74 Resp: 113938
Ion Ratio Lower Upper
74 100
45 97.9 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.615 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

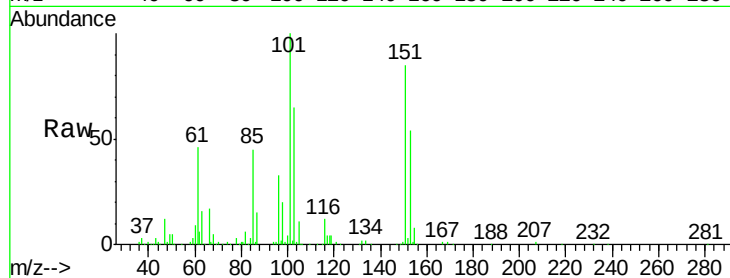
Tot Ion:101 Resp: 195103

Ion Ratio Lower Upper

101 100

85 43.3 34.9 52.3

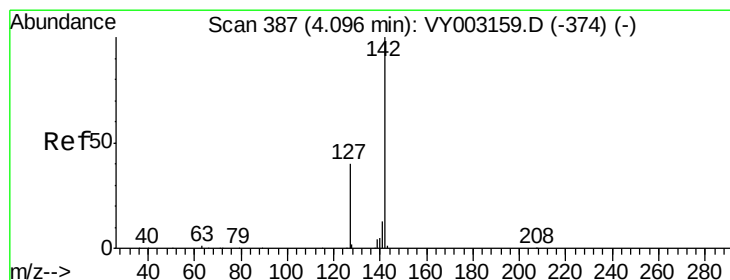
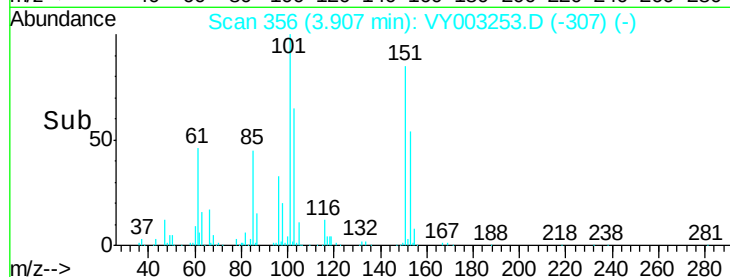
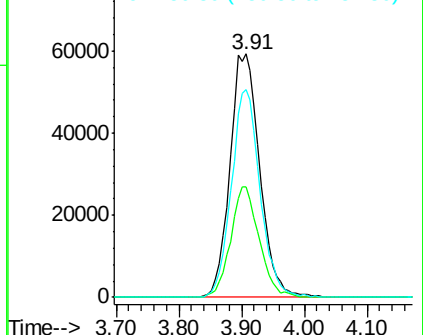
151 82.2 67.0 100.6



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: 47.725 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

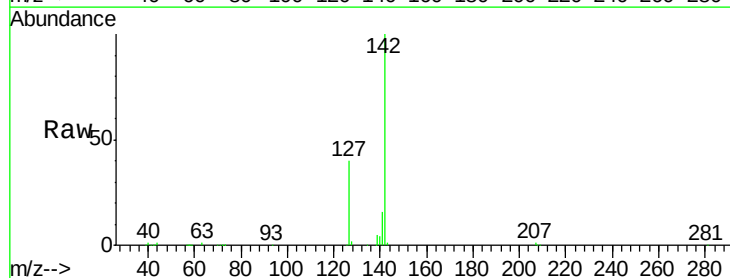
Tgt Ion:142 Resp: 208089

Ion Ratio Lower Upper

142 100

127 41.9 33.5 50.3

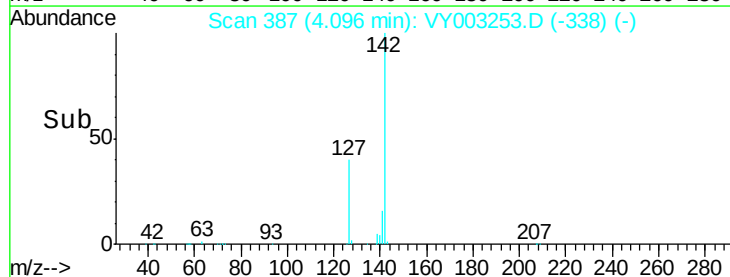
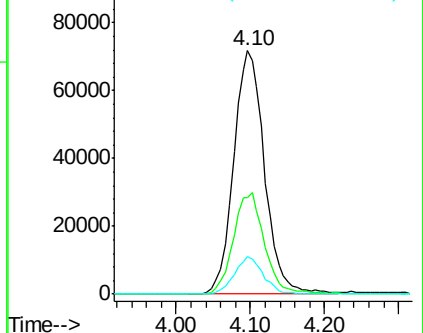
141 14.6 11.2 16.8

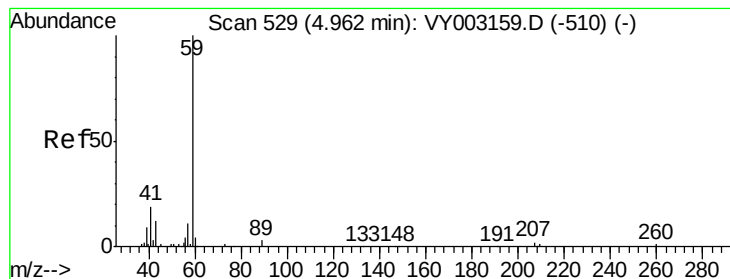


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



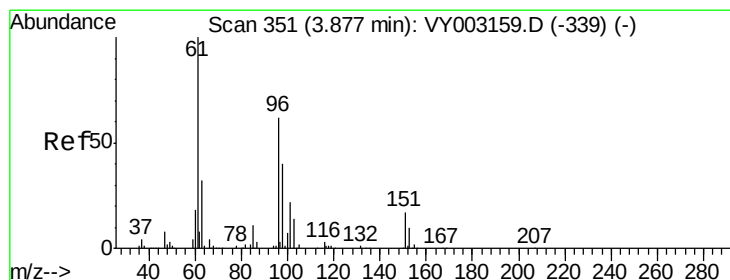
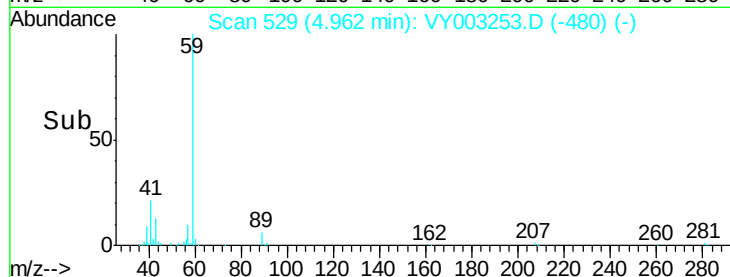
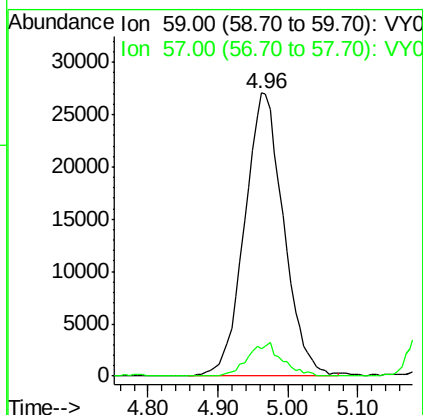
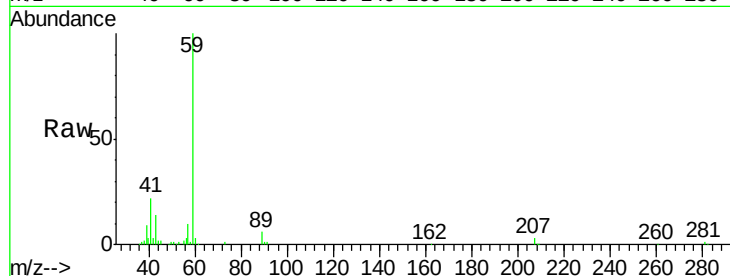


#11

Tert butyl alcohol
 Concen: 252.101 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

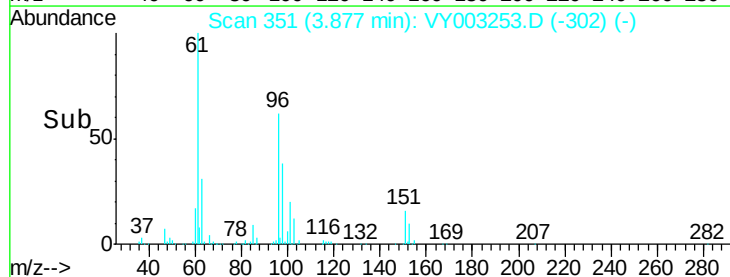
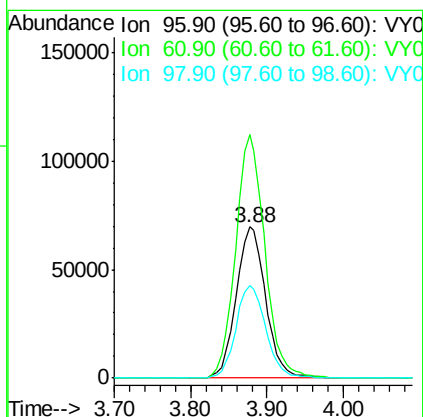
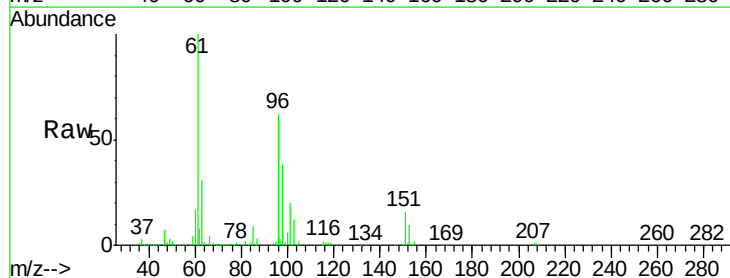
Tot Ion: 59 Resp: 104957
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

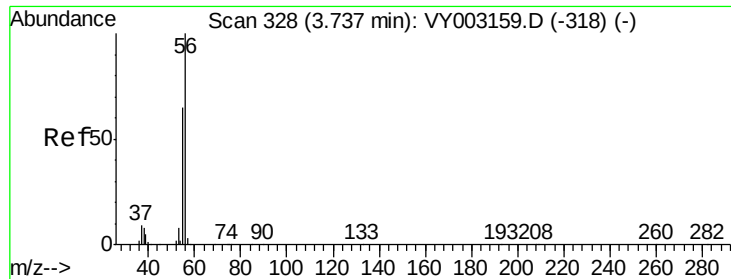


#12

1,1-Dichloroethene
 Concen: 49.183 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 96 Resp: 186694
 Ion Ratio Lower Upper
 96 100
 61 161.0 128.6 193.0
 98 61.1 51.6 77.4

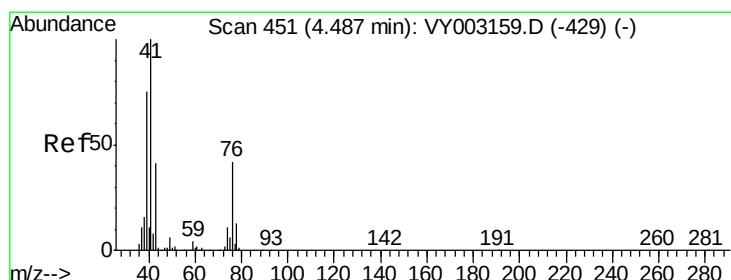
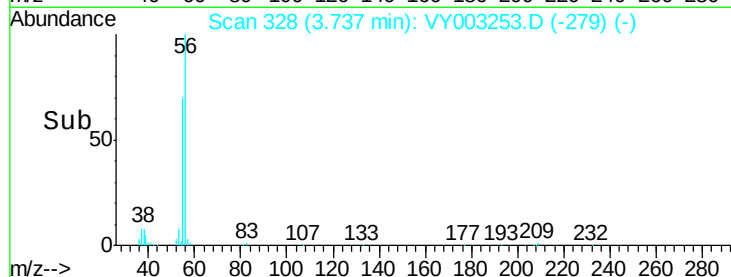
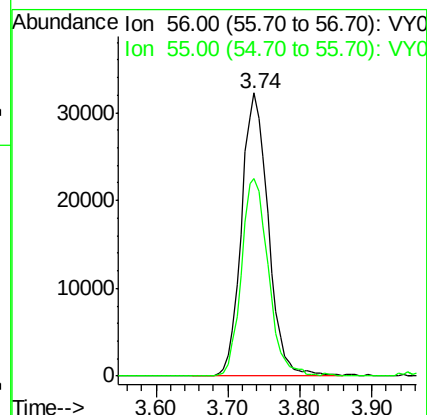
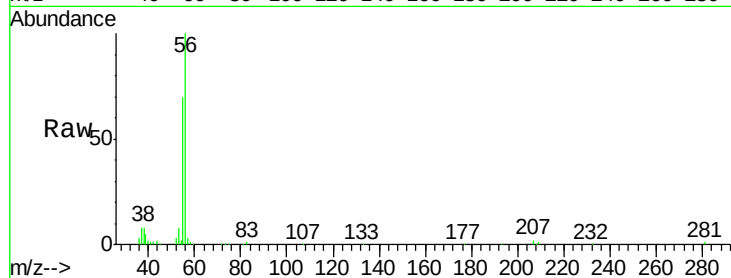




#13
Acrolein
Concen: 230.466 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

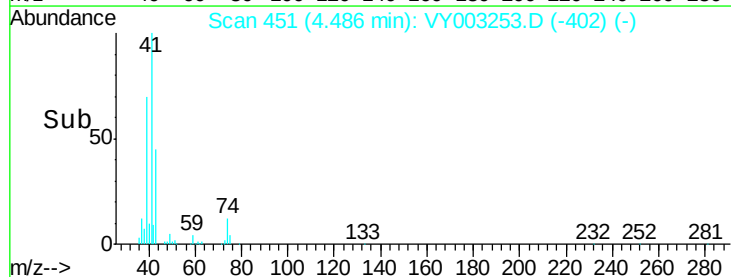
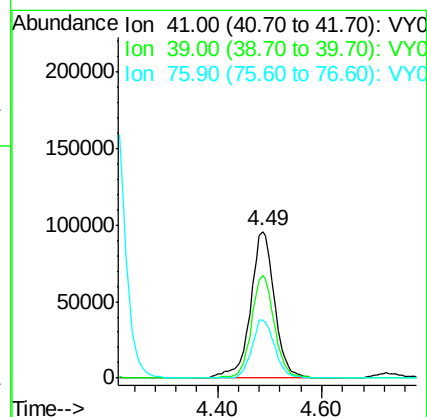
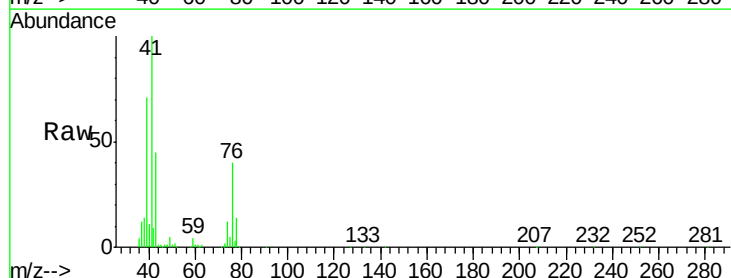
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

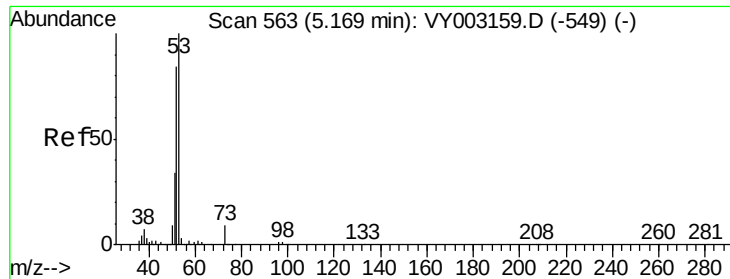
Tot Ion: 56 Resp: 83282
Ion Ratio Lower Upper
56 100
55 70.2 56.0 84.0



#14
Allyl chloride
Concen: 54.088 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 41 Resp: 304651
Ion Ratio Lower Upper
41 100
39 66.5 56.6 85.0
76 37.7 31.6 47.4

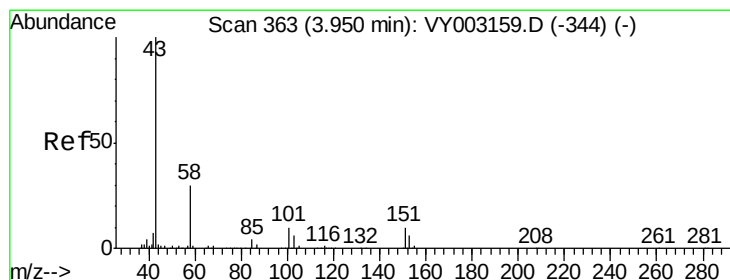
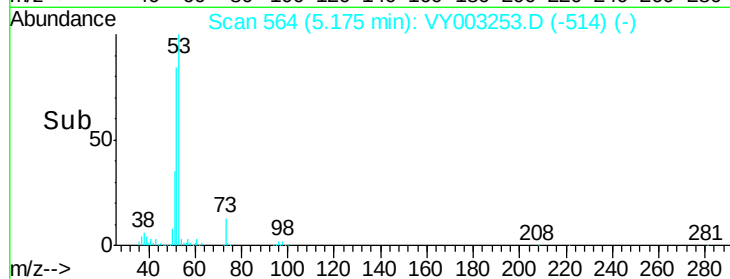
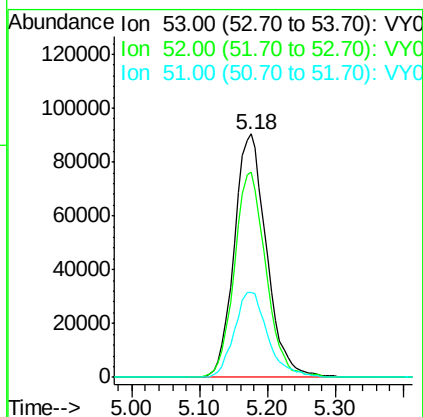
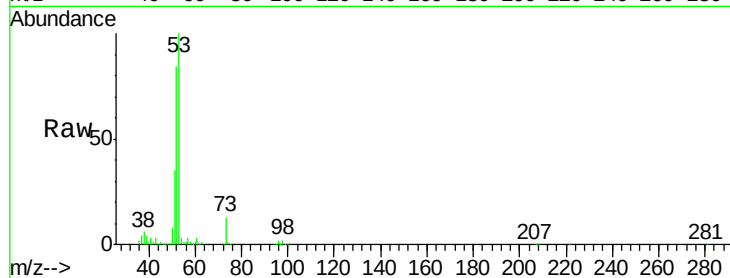




#15
 Acrylonitrile
 Concen: 278.781 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

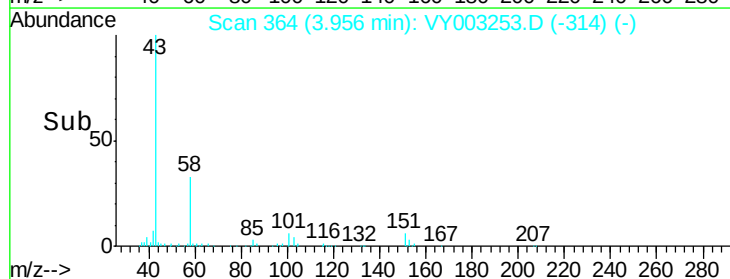
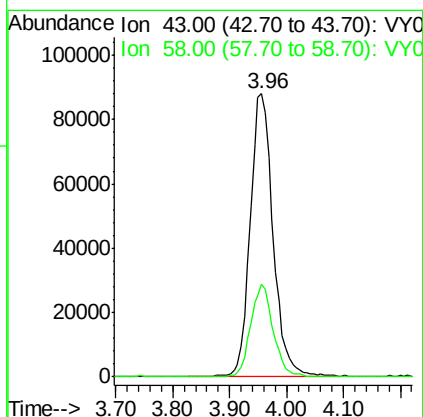
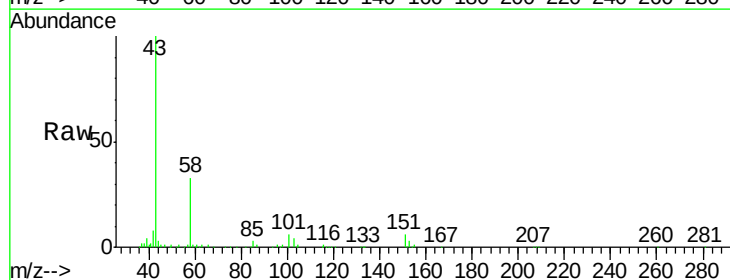
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

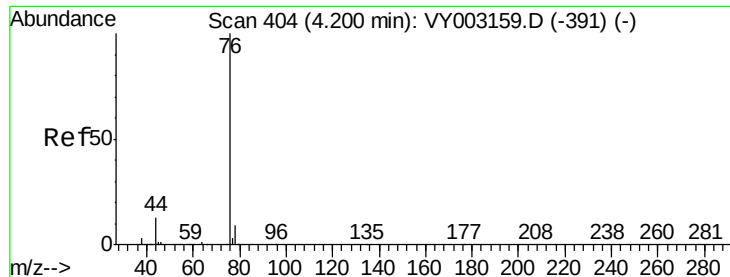
Tot Ion:	53	Resp:	298190
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.8	98.6
51	36.5	29.0	43.4



#16
 Acetone
 Concen: 286.479 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:	43	Resp:	246378
Ion	Ratio	Lower	Upper
43	100		
58	32.7	23.8	35.6





#17

Carbon Disulfide

Concen: 48.127 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

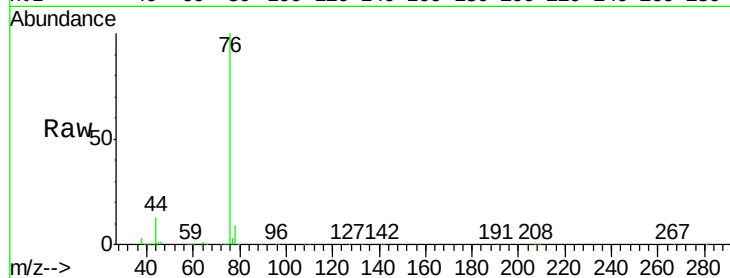
VSTDCCC050

Tot Ion: 76 Resp: 560583

Ion Ratio Lower Upper

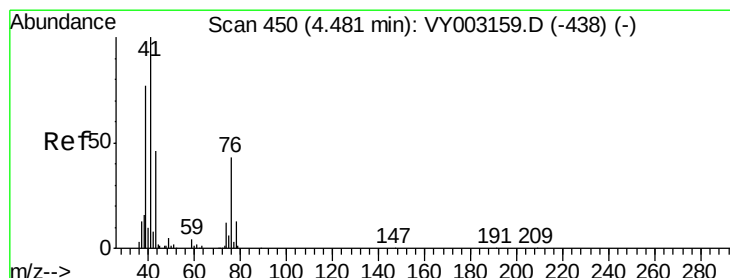
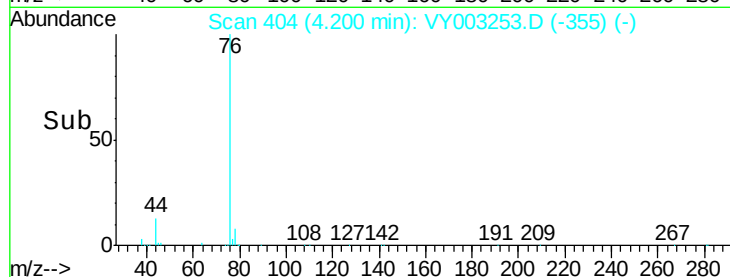
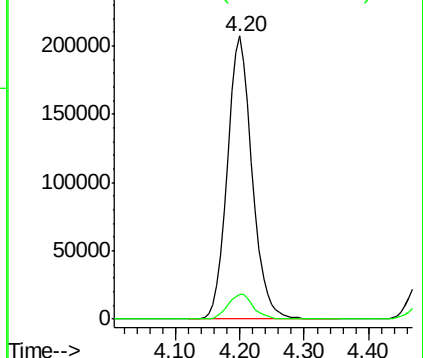
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 56.786 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.00 min

Lab File: VY003253.D

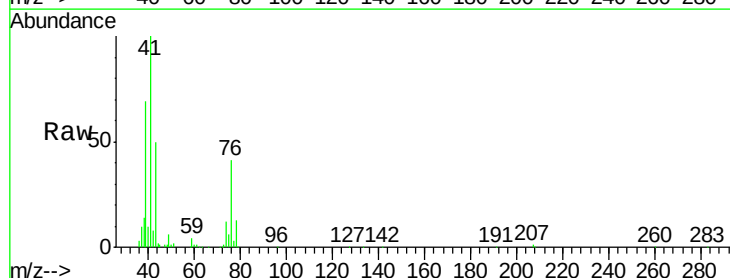
Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 135628

Ion Ratio Lower Upper

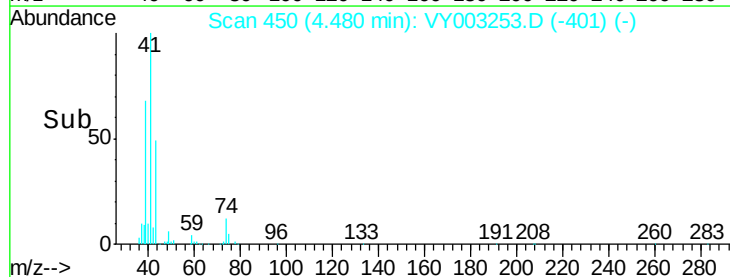
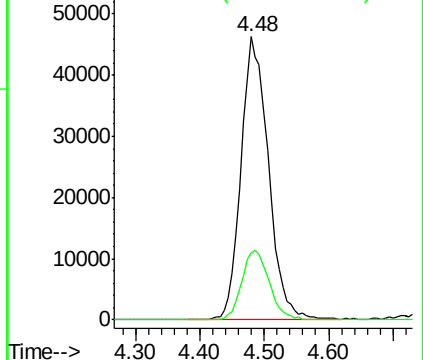
43 100

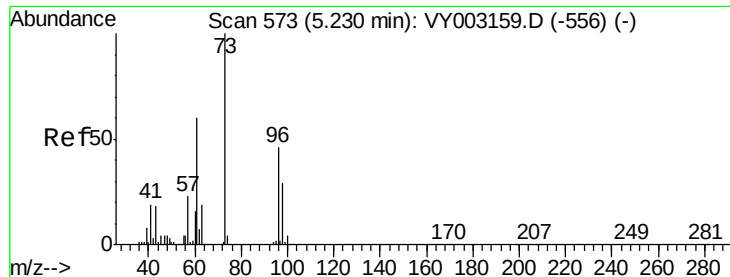
74 24.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

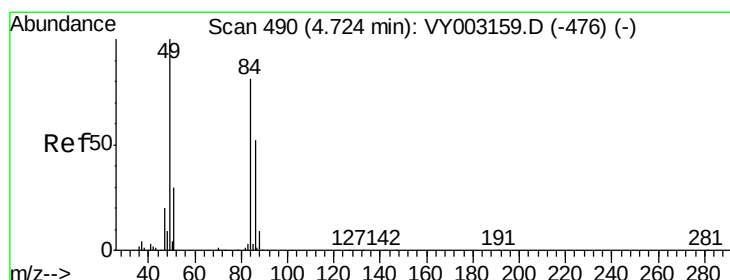
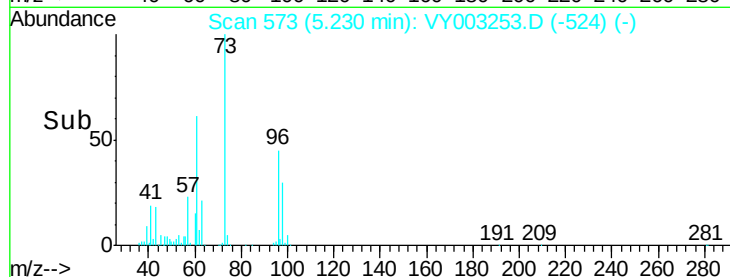
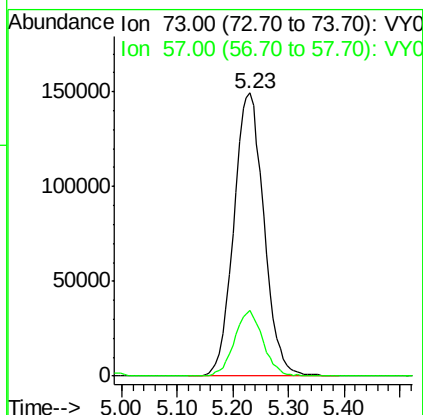
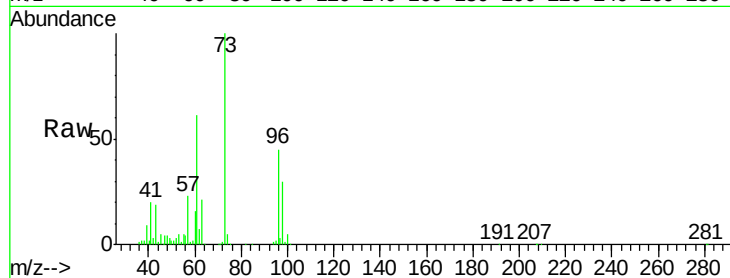




#19
Methyl tert-butyl Ether
Concen: 52.638 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

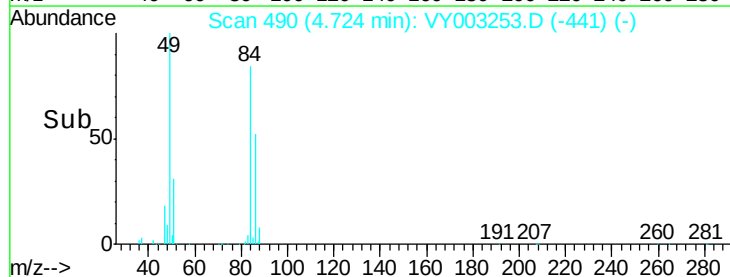
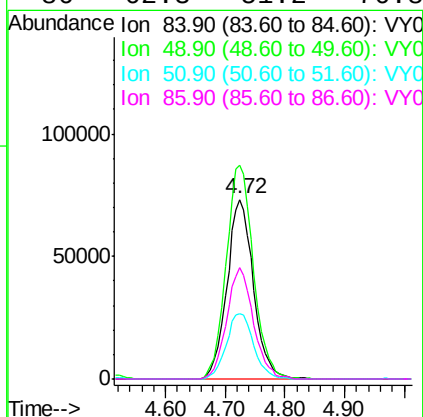
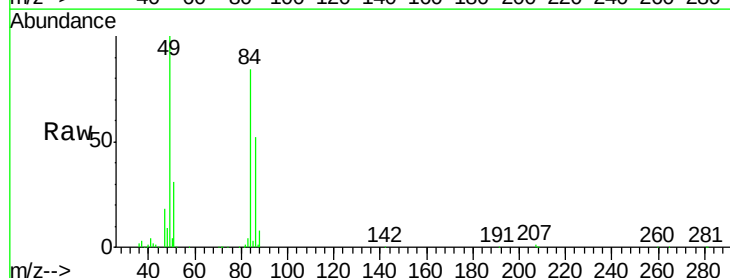
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

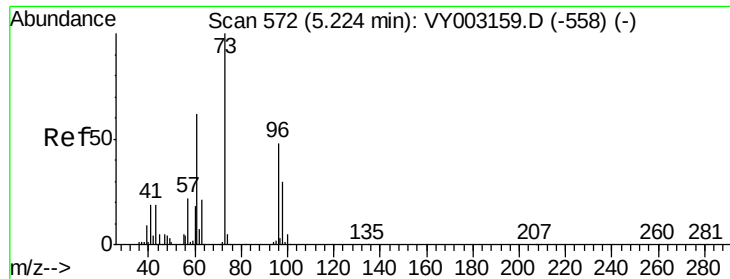
Tot Ion: 73 Resp: 559946
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1



#20
Methylene Chloride
Concen: 52.306 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 84 Resp: 225236
Ion Ratio Lower Upper
84 100
49 119.2 98.2 147.4
51 36.5 29.8 44.6
86 62.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.581 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

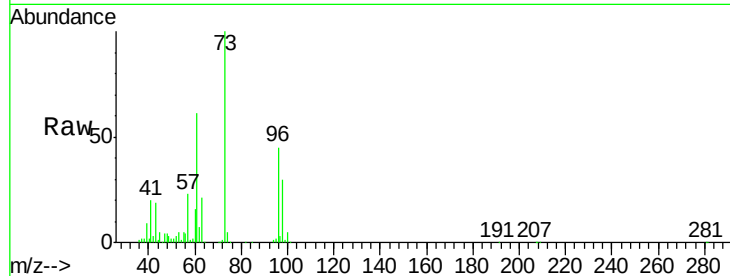
Tot Ion: 96 Resp: 212872

Ion Ratio Lower Upper

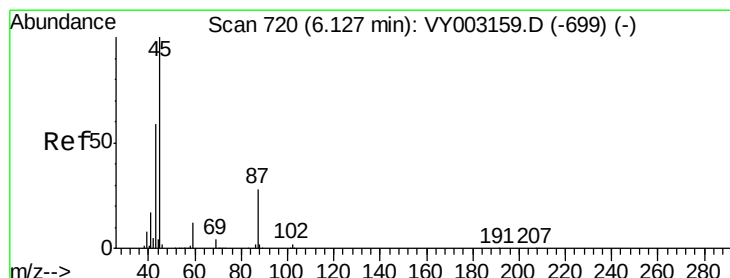
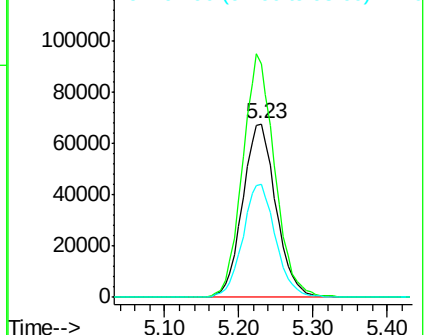
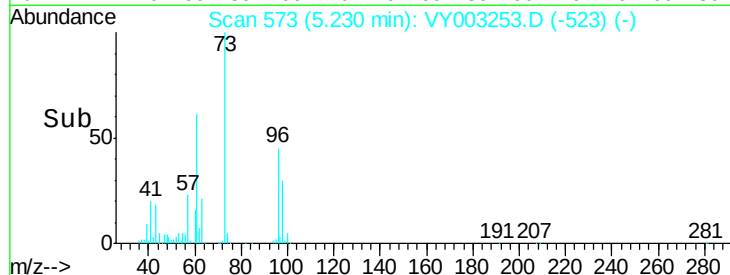
96 100

61 134.8 102.5 153.7

98 65.2 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: 54.943 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion: 45 Resp: 686826

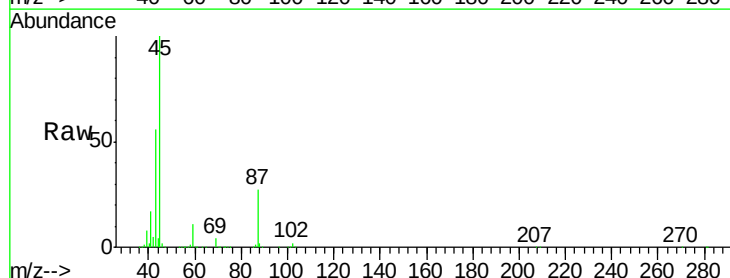
Ion Ratio Lower Upper

45 100

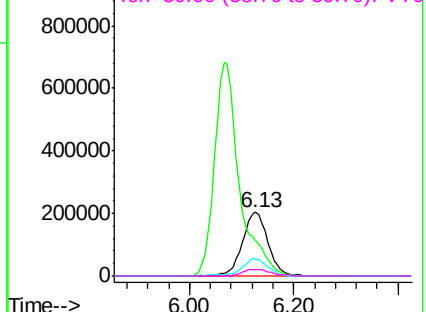
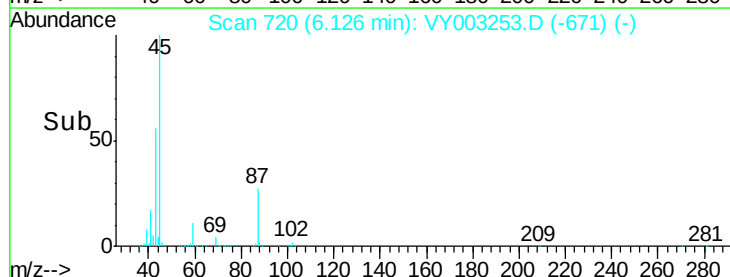
43 56.0 47.0 70.4

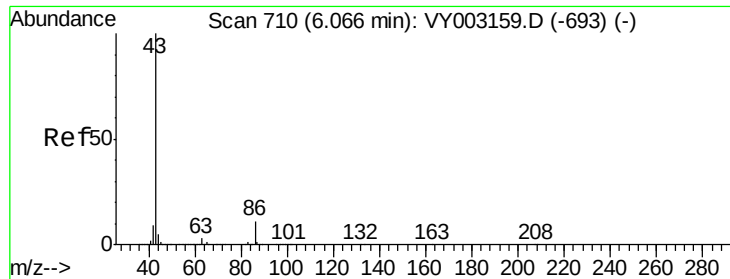
87 26.7 22.6 33.8

59 11.0 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: 275.030 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

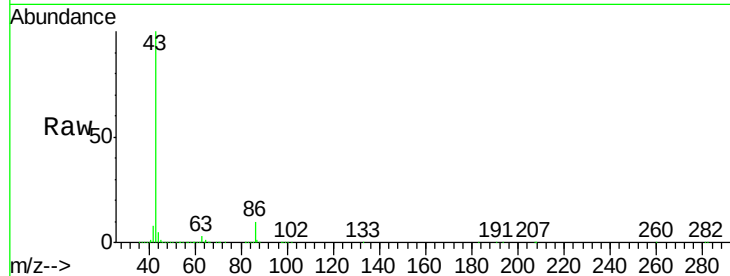
VSTDCCC050

Tot Ion: 43 Resp: 2291544

Ion Ratio Lower Upper

43 100

86 10.4 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

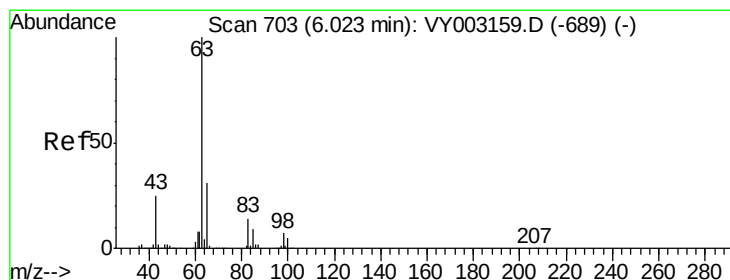
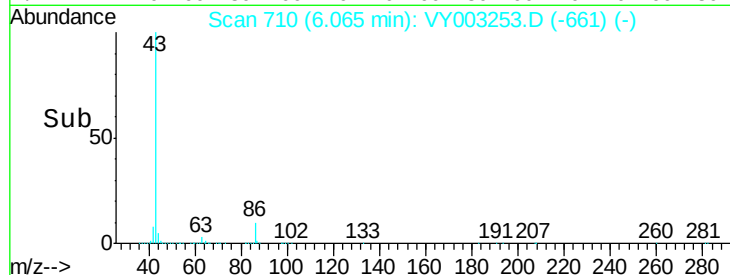
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.447 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

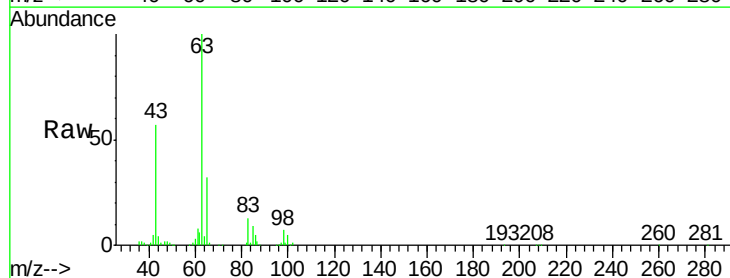
Tgt Ion: 63 Resp: 379834

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.5 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

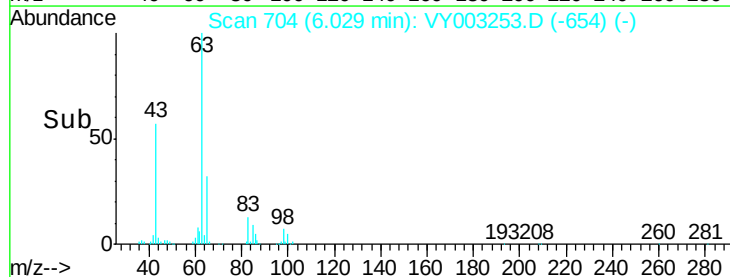
150000

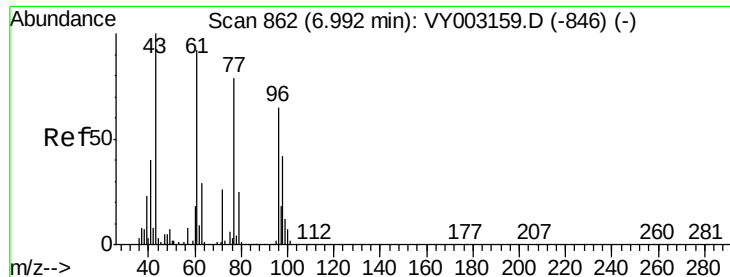
100000

50000

0

Time-->

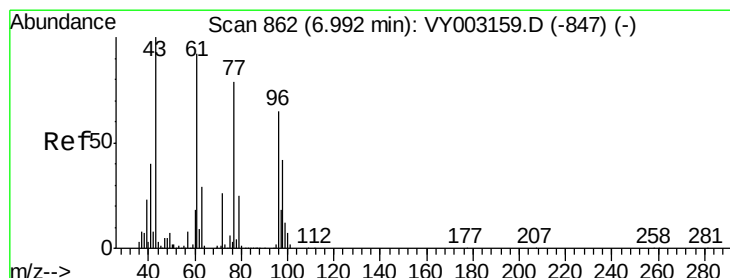
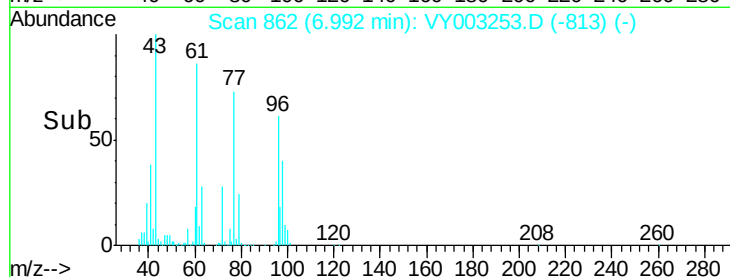
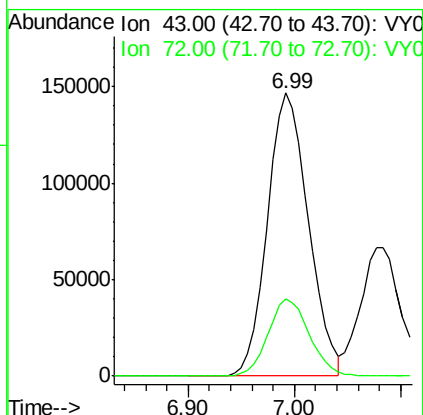
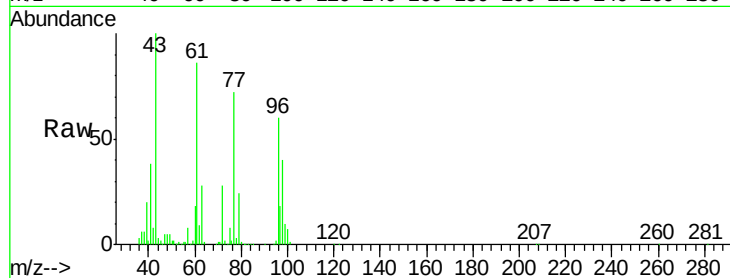




#25
2-Butanone
Concen: 277.368 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

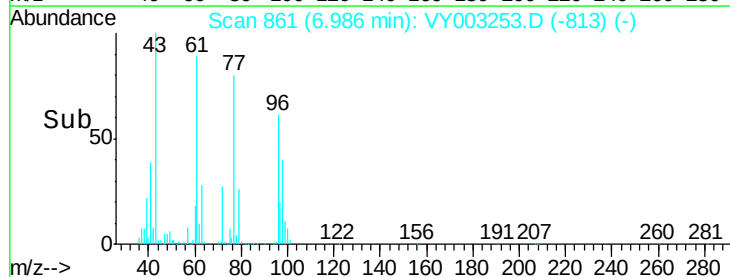
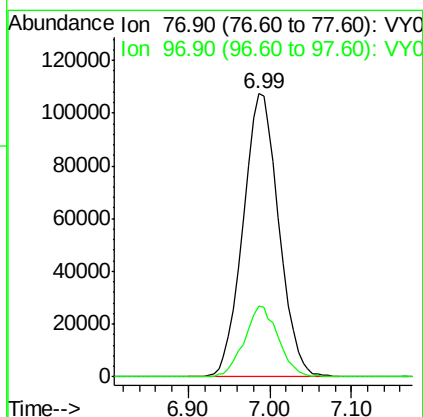
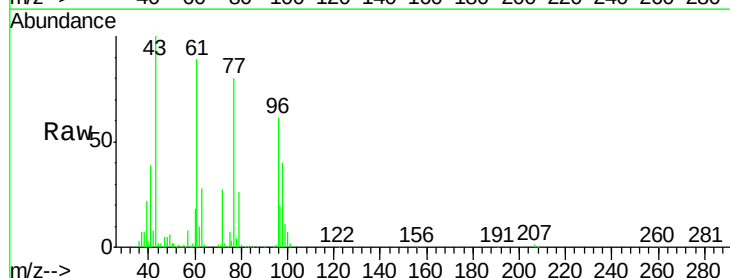
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

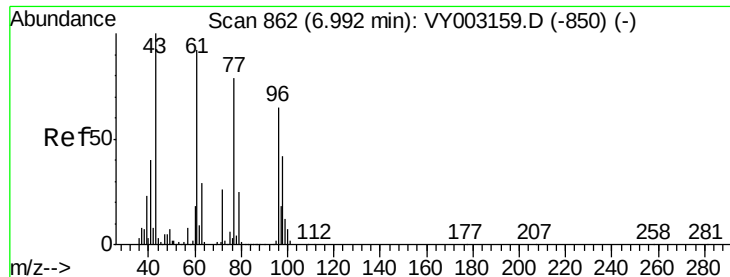
Tot Ion: 43 Resp: 391665
Ion Ratio Lower Upper
43 100
72 27.5 20.9 31.3



#26
2,2-Dichloropropane
Concen: 50.156 ug/l
RT: 6.99 min Scan# 861
Delta R.T. -0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 77 Resp: 327127
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7



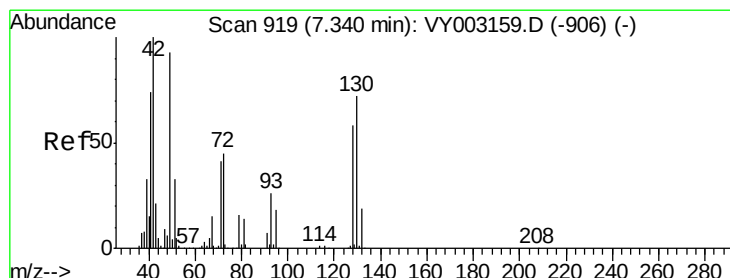
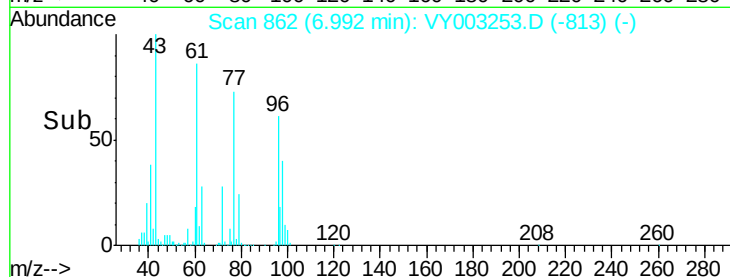
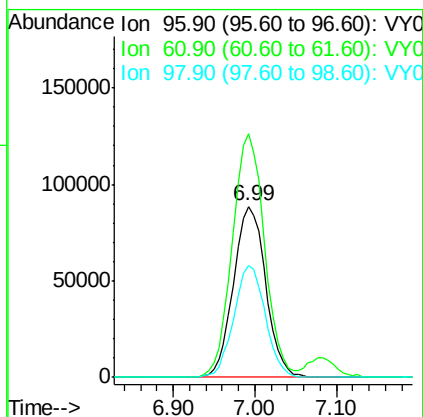
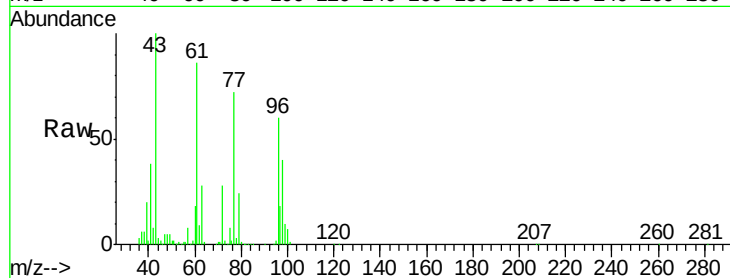


#27

cis-1,2-Dichloroethene
 Concen: 51.420 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

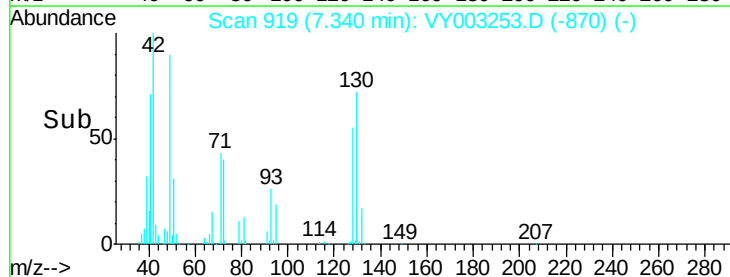
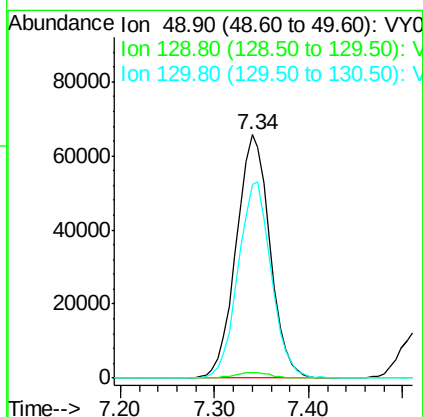
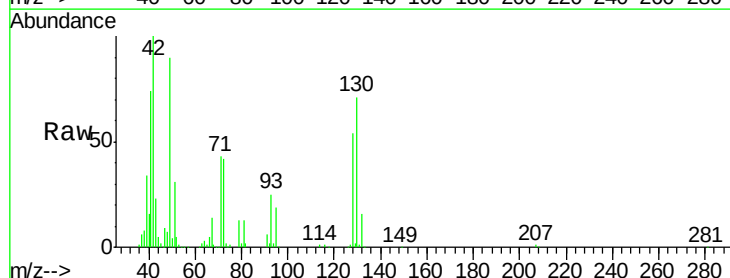
Tot Ion	96	Resp	243068
Ion Ratio	Lower	Upper	
96	100		
61	141.3	0.0	281.2
98	63.7	0.0	129.8

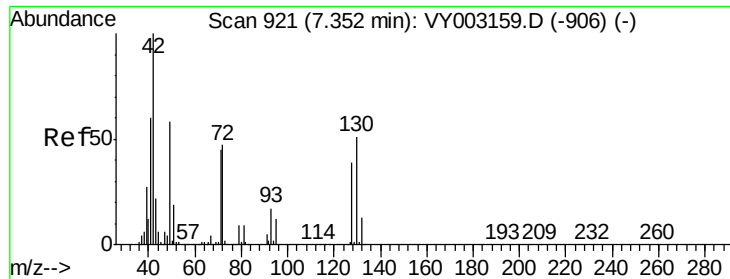


#28

Bromochloromethane
 Concen: 52.403 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	49	Resp	164312
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	5.0
130	79.4	64.9	97.3





#29

Tetrahydrofuran

Concen: 279.333 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

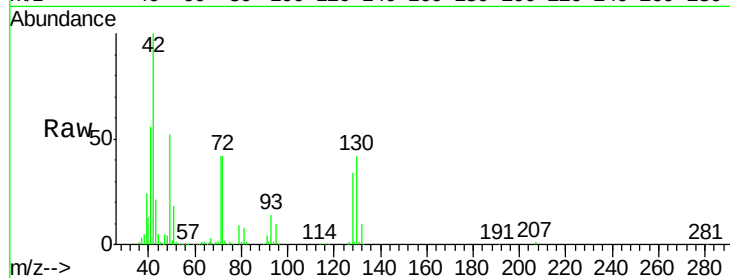
Tot Ion: 42 Resp: 264978

Ion Ratio Lower Upper

42 100

72 42.8 36.7 55.1

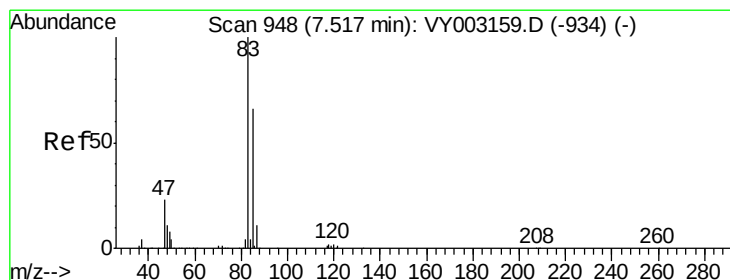
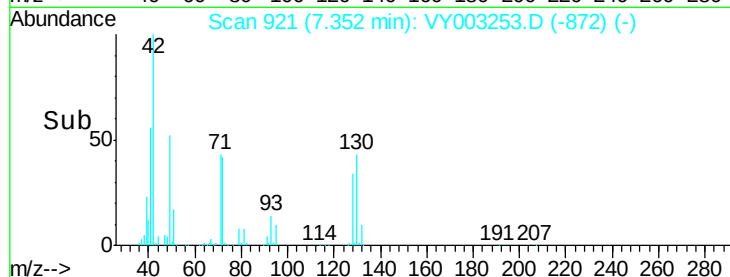
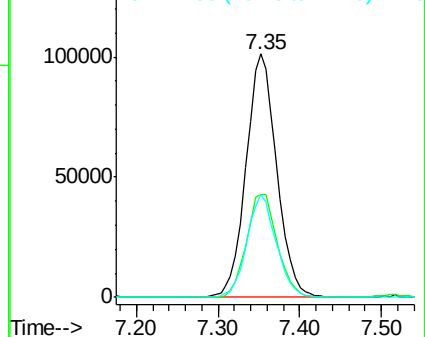
71 40.6 34.2 51.4



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: 52.077 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003253.D

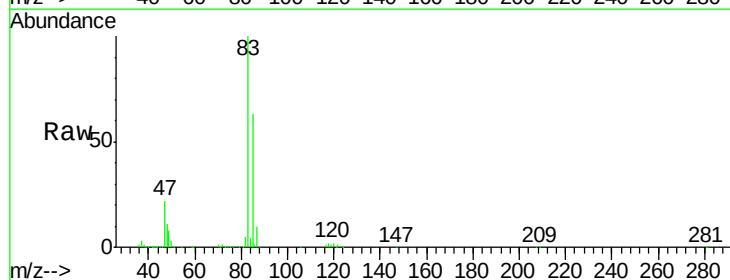
Acq: 21 Jul 2020 16:27

Tgt Ion: 83 Resp: 388445

Ion Ratio Lower Upper

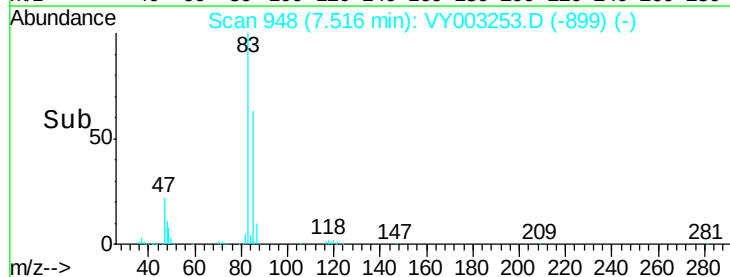
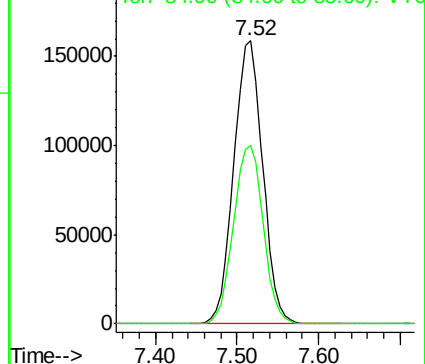
83 100

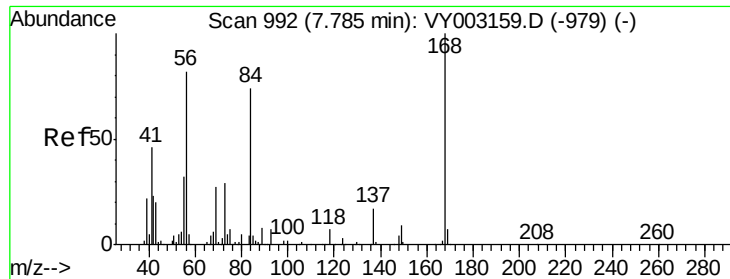
85 63.0 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

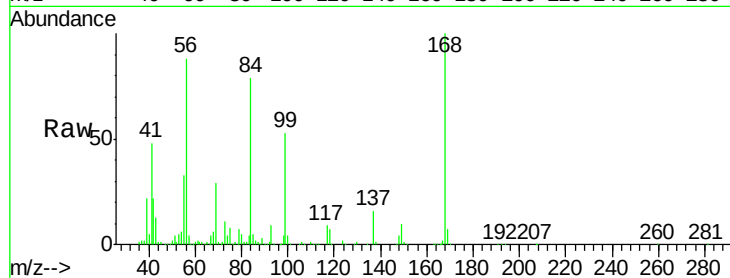




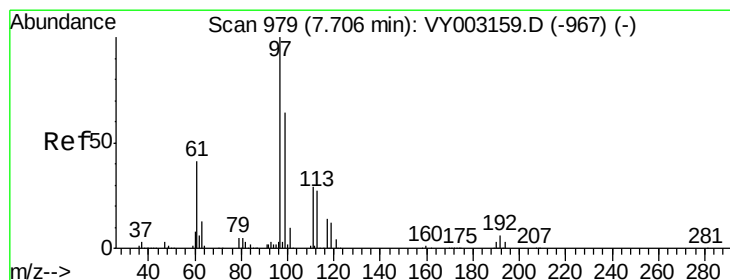
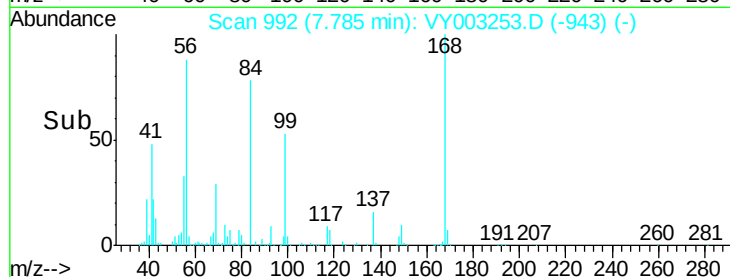
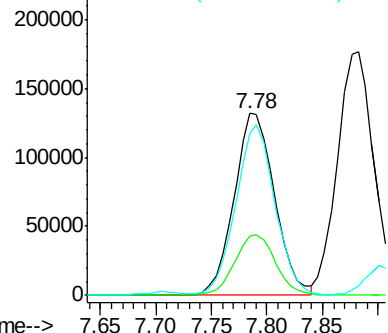
#31
Cyclohexane
Concen: 47.834 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 334984
Ion Ratio Lower Upper
56 100
69 32.5 26.7 40.1
84 87.3 72.3 108.5

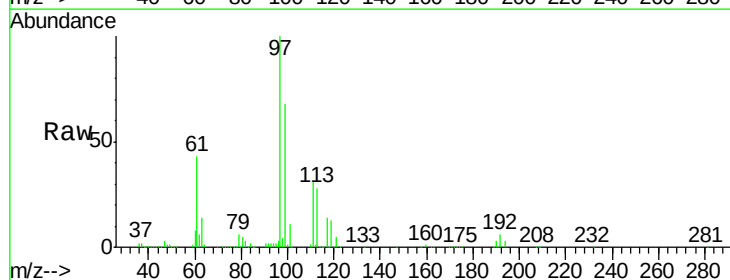


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

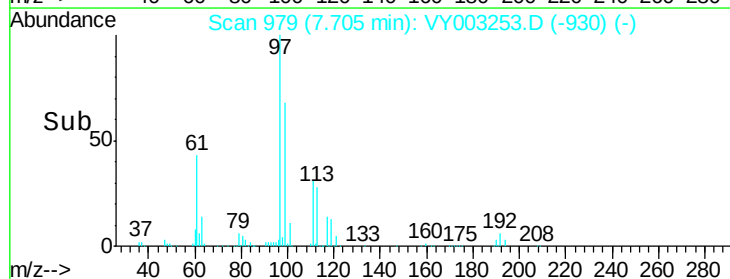
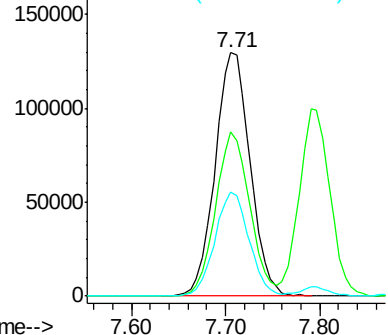


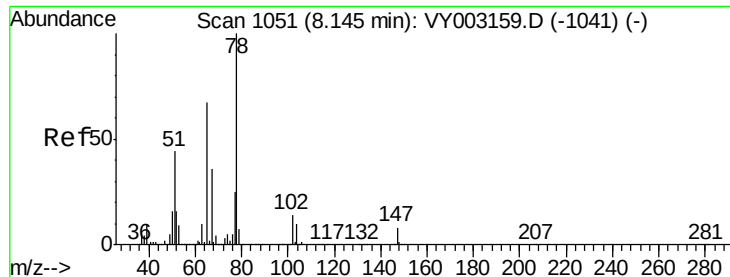
#32
1,1,1-Trichloroethane
Concen: 50.174 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 97 Resp: 336920
Ion Ratio Lower Upper
97 100
99 66.0 52.1 78.1
61 41.7 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

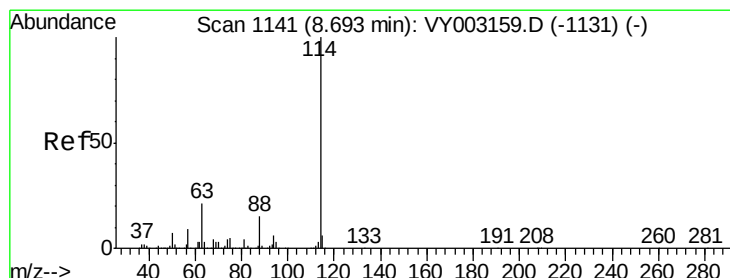
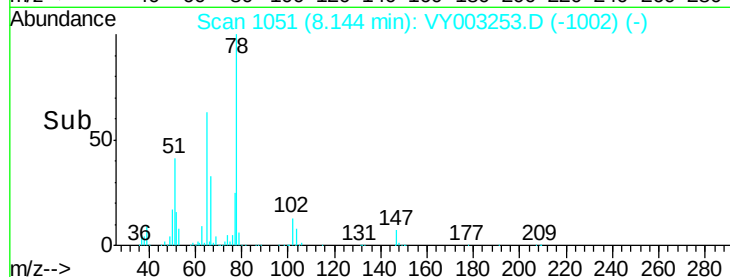
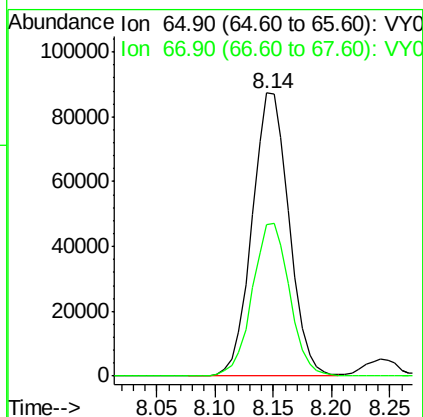
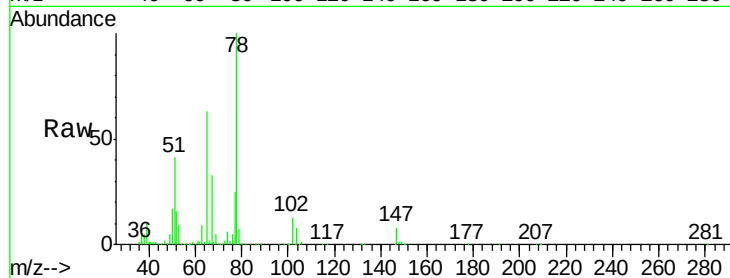




#33
 1,2-Dichloroethane-d4
 Concen: 50.255 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

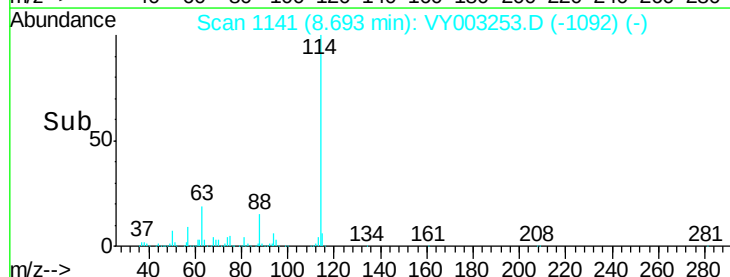
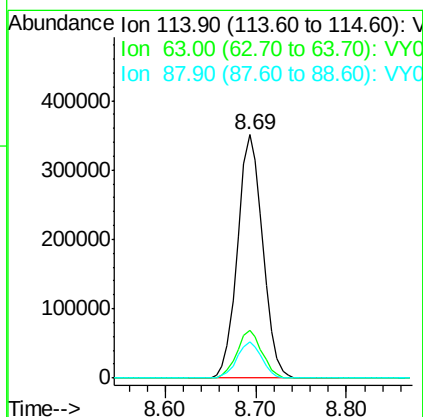
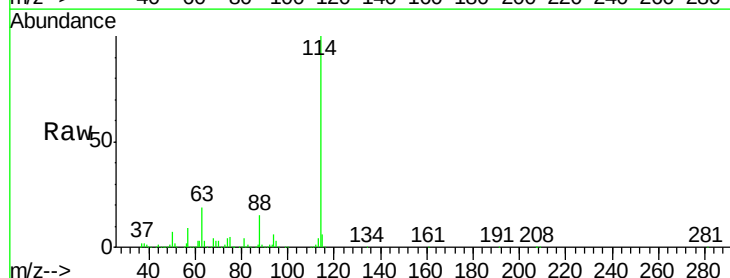
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

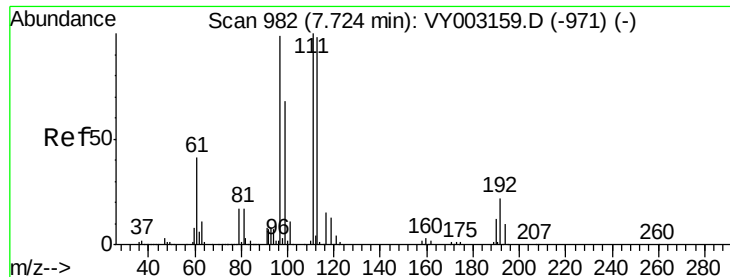
Tot Ion: 65 Resp: 193491
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 114 Resp: 673275
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.2
 88 15.0 0.0 30.2

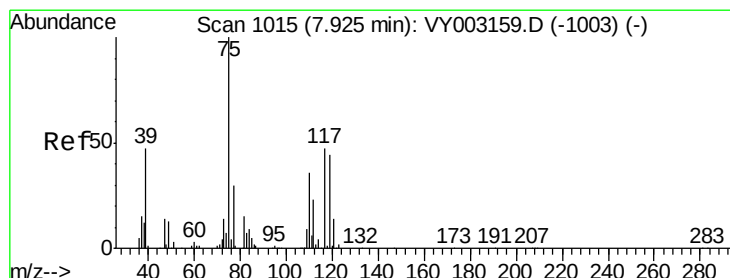
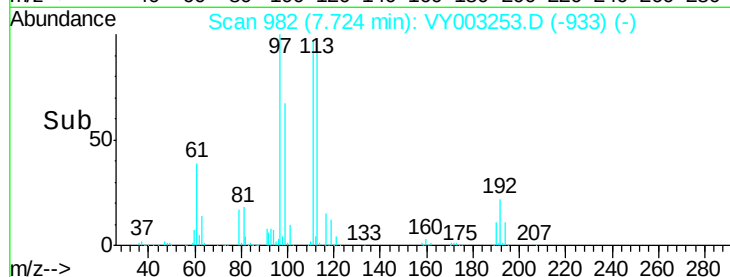
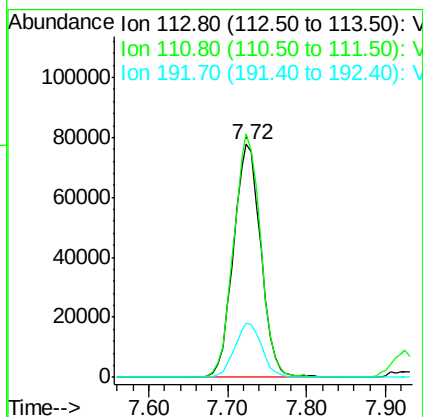
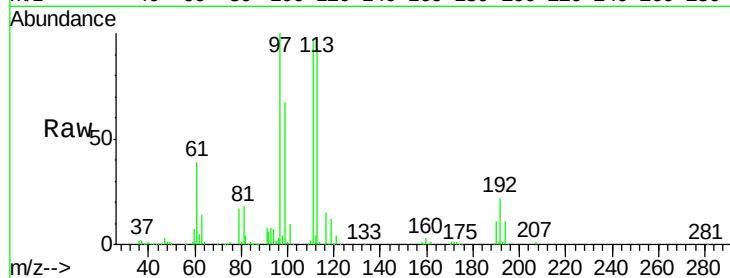




#35
 Dibromofluoromethane
 Concen: 48.286 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

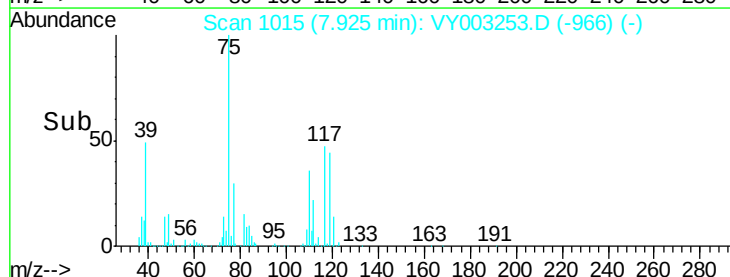
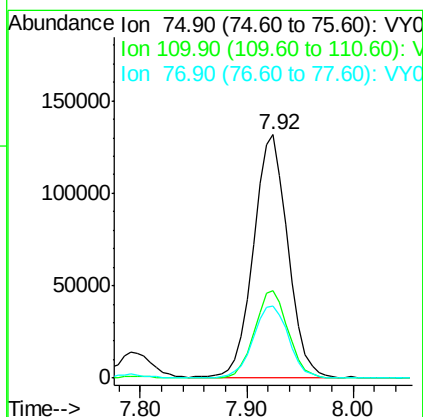
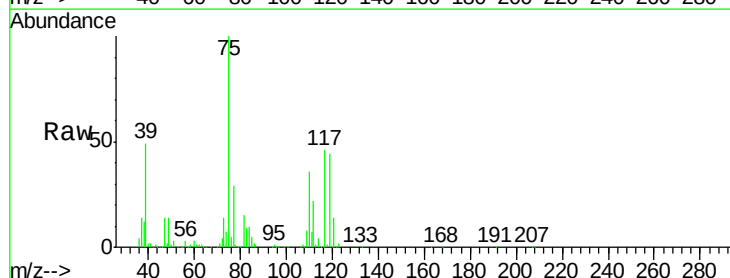
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

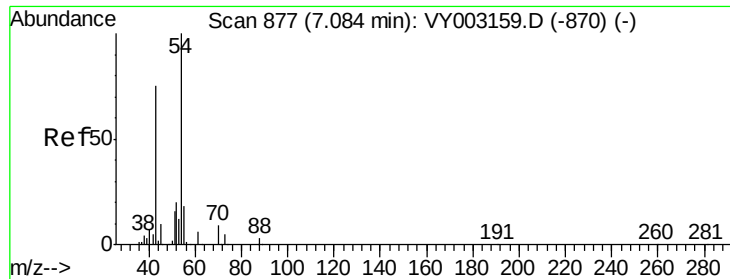
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	23.0	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 48.392 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.1
77	31.1	24.8	37.2

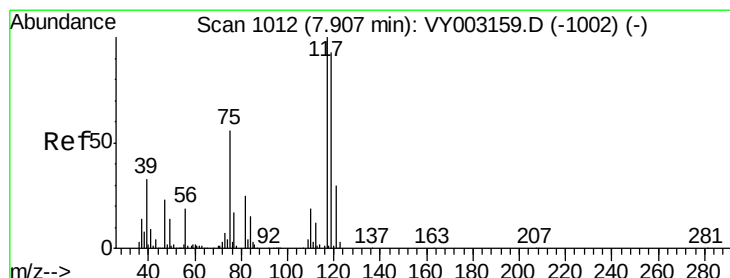
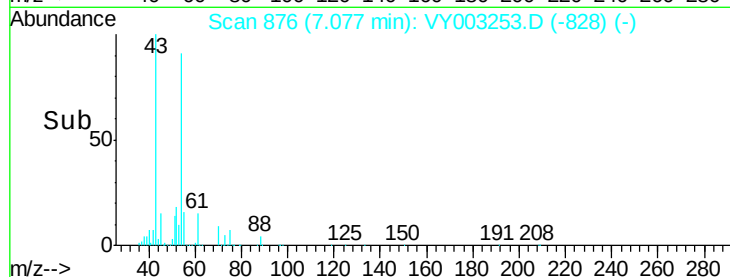
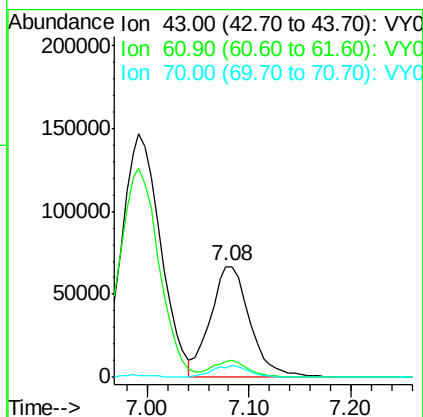
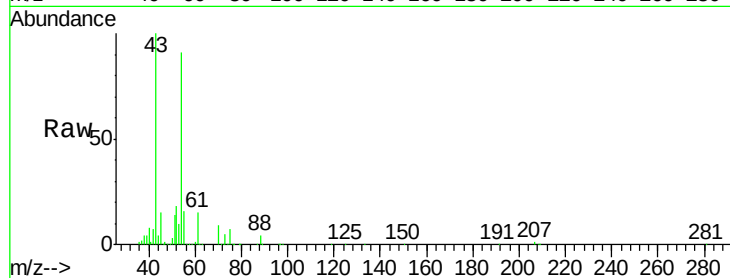




#37
Ethyl Acetate
Concen: 54.523 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

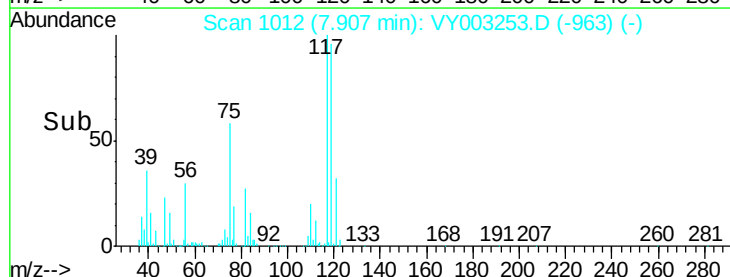
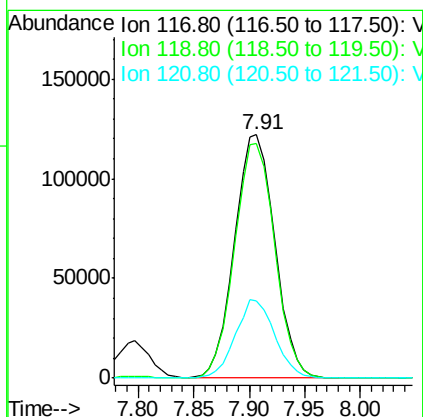
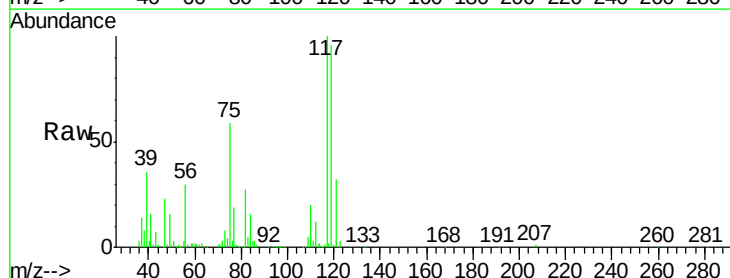
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

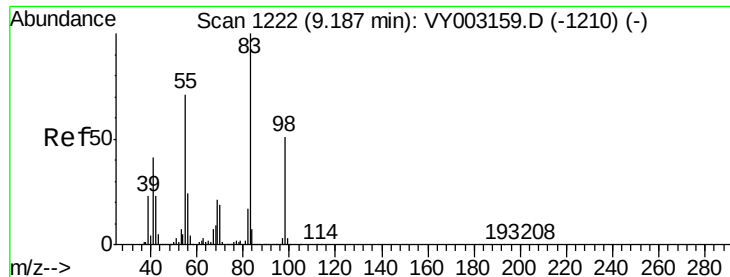
Tot Ion: 43 Resp: 179171
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.6
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 48.807 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 117 Resp: 307461
Ion Ratio Lower Upper
117 100
119 96.1 74.5 111.7
121 31.7 24.2 36.2

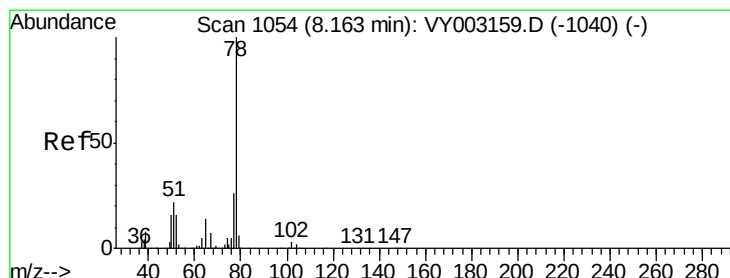
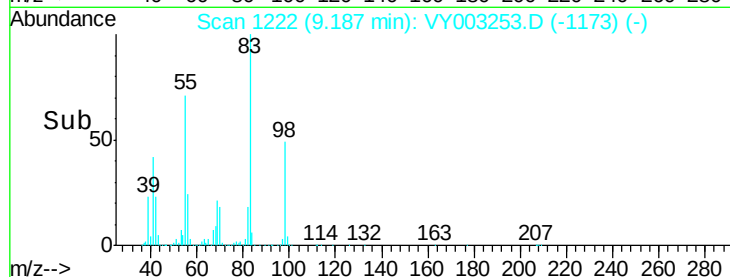
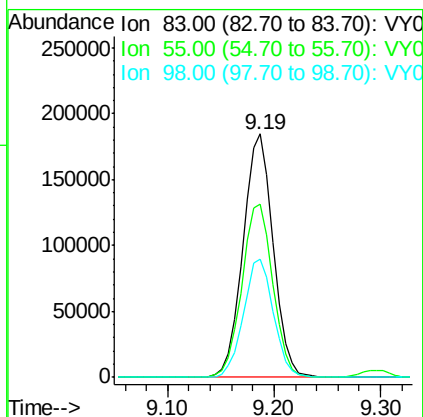
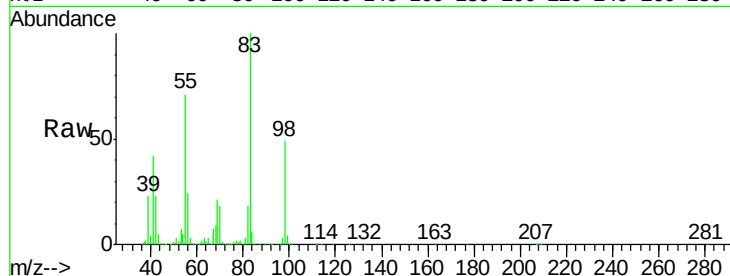




#39
Methylvlcyclohexane
Concen: 48.014 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

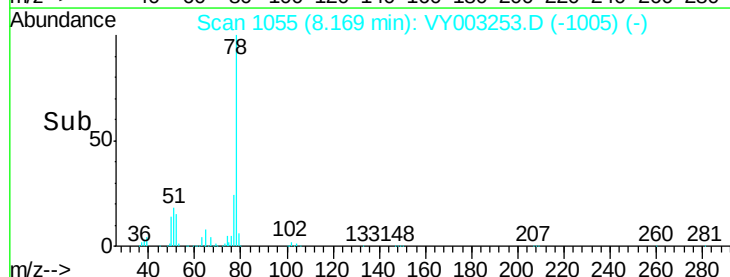
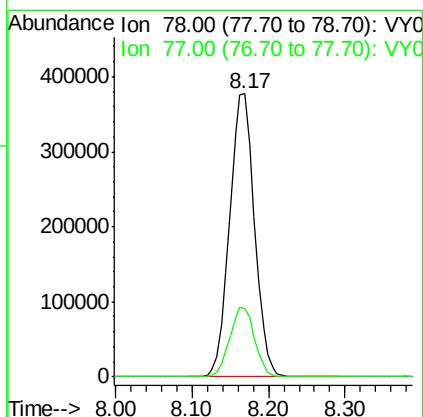
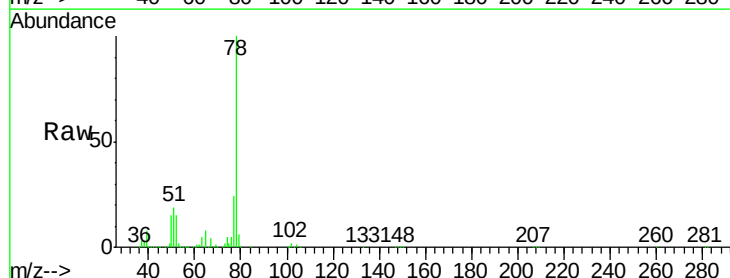
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

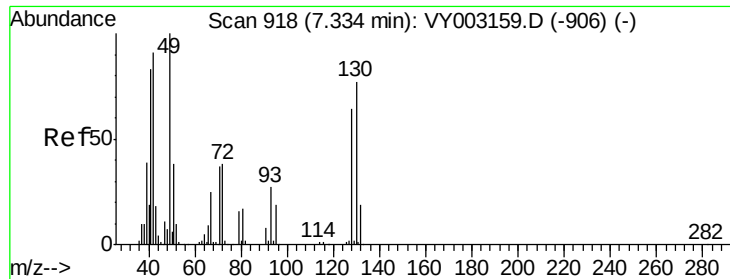
Tot Ion: 83 Resp: 368054
Ion Ratio Lower Upper
83 100
55 71.1 57.2 85.8
98 48.8 41.0 61.6



#40
Benzene
Concen: 50.551 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 78 Resp: 849360
Ion Ratio Lower Upper
78 100
77 23.9 20.7 31.1

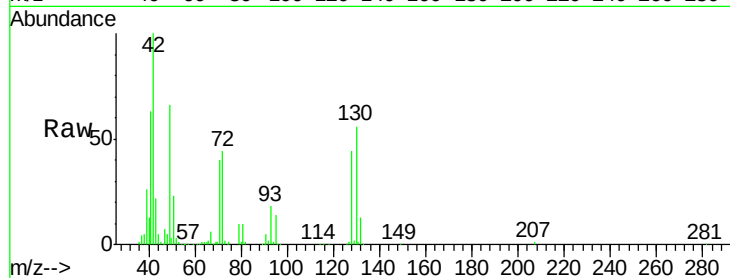




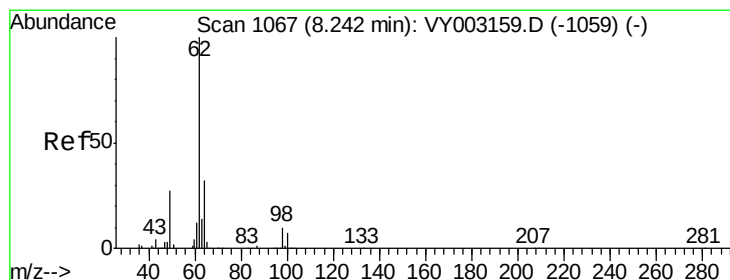
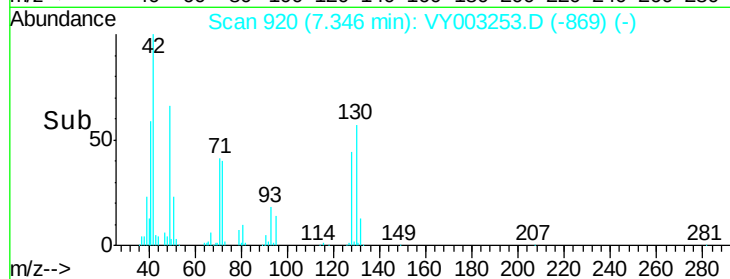
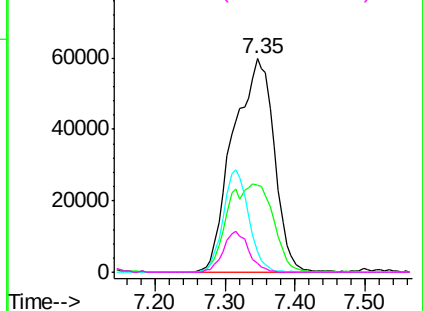
#41
Methacrylonitrile
Concen: 123.523 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	244472
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

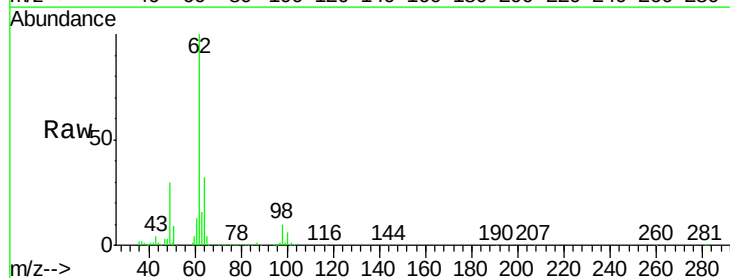


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

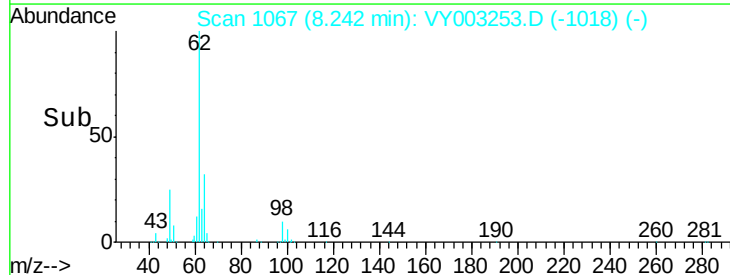
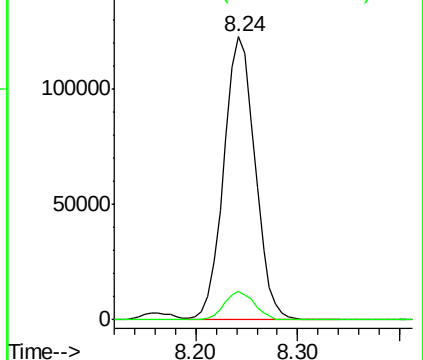


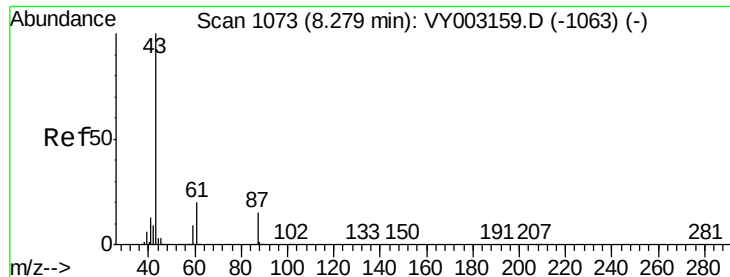
#42
1,2-Dichloroethane
Concen: 50.494 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion:	62	Resp:	261188
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 53.200 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

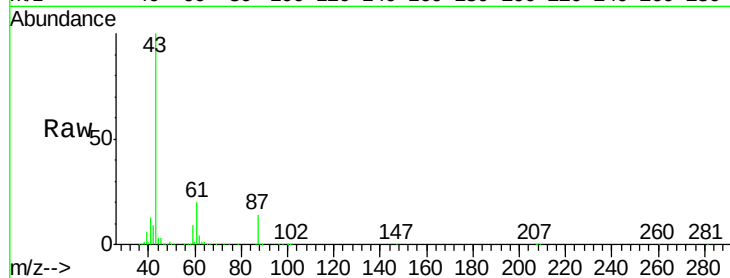
Tot Ion: 43 Resp: 338397

Ion Ratio Lower Upper

43 100

61 29.5 23.7 35.5

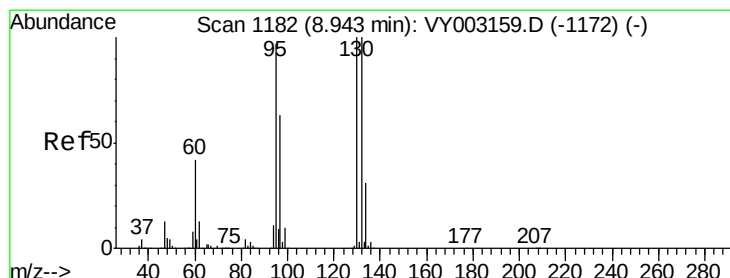
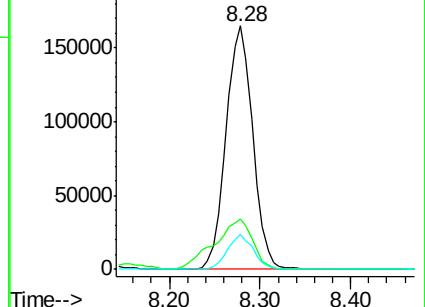
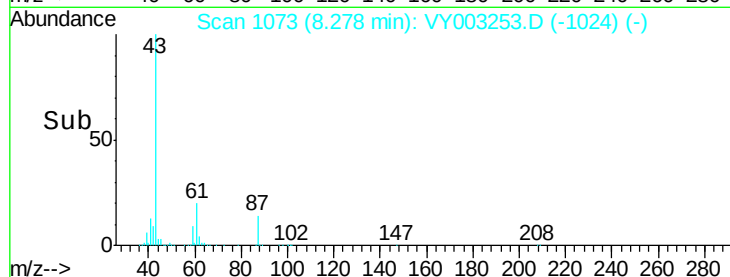
87 14.0 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-1063) (-)

Ion 61.00 (60.70 to 61.70): VY003159.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY003159.D (-1063) (-)



#44

Trichloroethene

Concen: 48.294 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003253.D

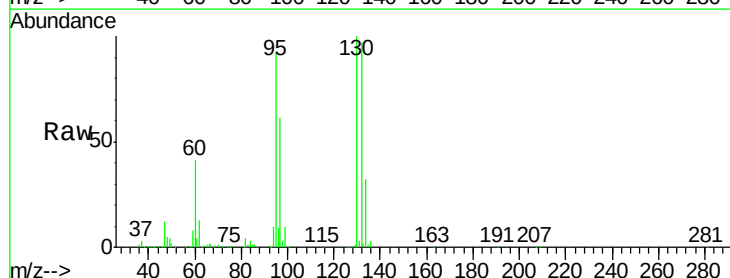
Acq: 21 Jul 2020 16:27

Tgt Ion:130 Resp: 248749

Ion Ratio Lower Upper

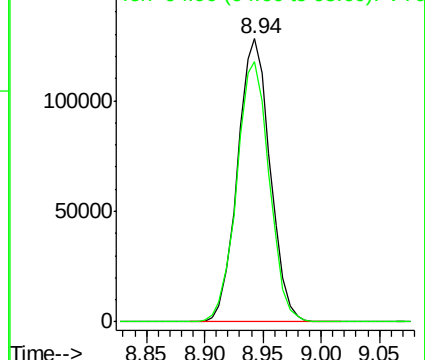
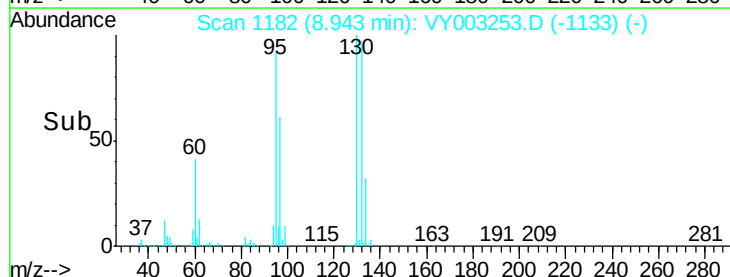
130 100

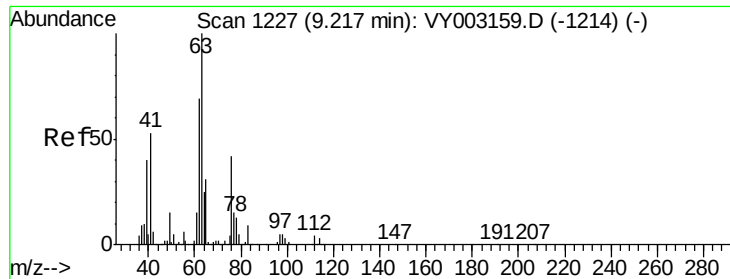
95 91.9 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003159.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY003159.D (-1172) (-)

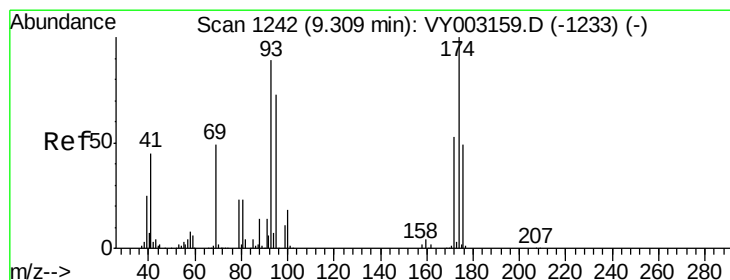
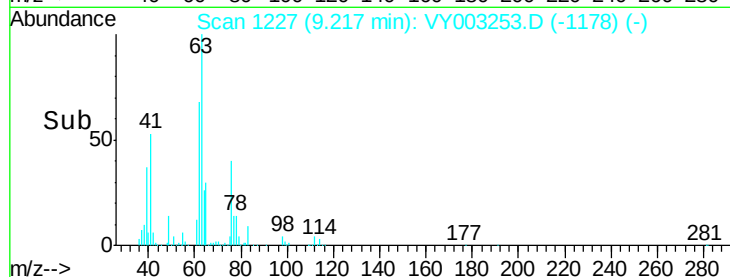
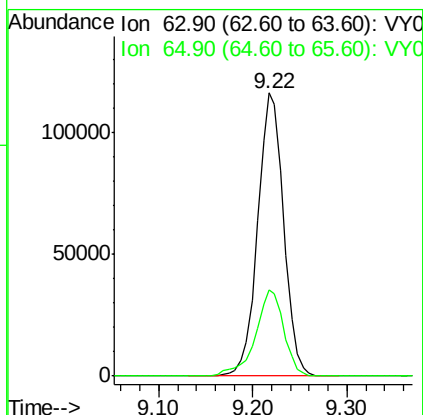
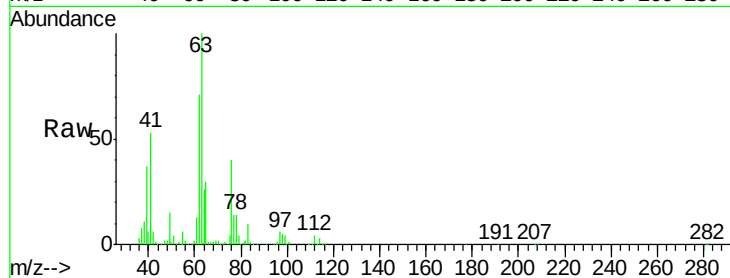




#45
 1,2-Dichloropropane
 Concen: 51.938 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

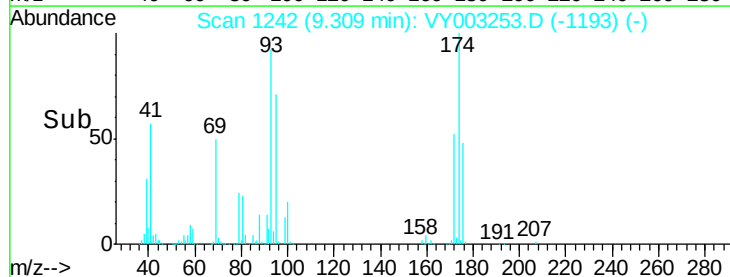
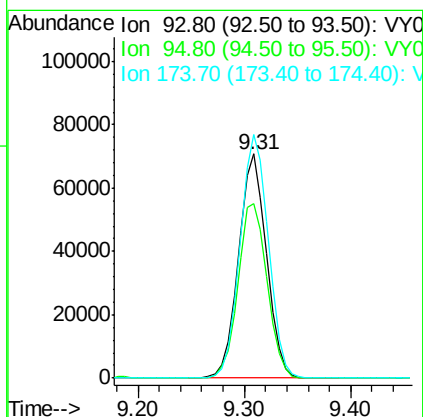
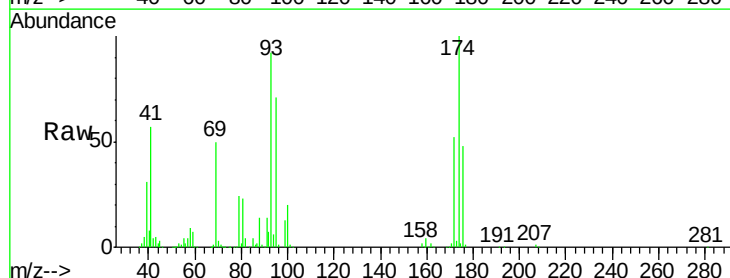
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

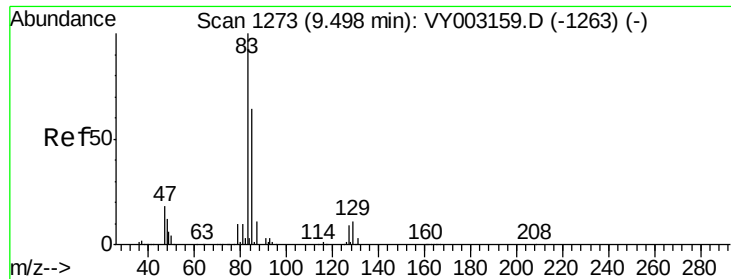
Tot Ion: 63 Resp: 225803
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.4



#46
 Dibromomethane
 Concen: 51.221 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 93 Resp: 130064
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.6 99.8
 174 110.4 90.2 135.4





#47

Bromodichloromethane

Concen: 51.570 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

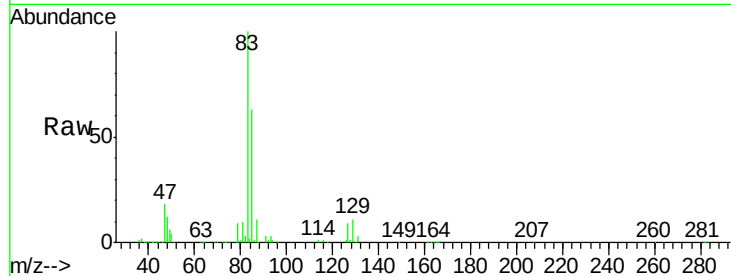
Tot Ion: 83 Resp: 311444

Ion Ratio Lower Upper

83 100

85 63.2 50.9 76.3

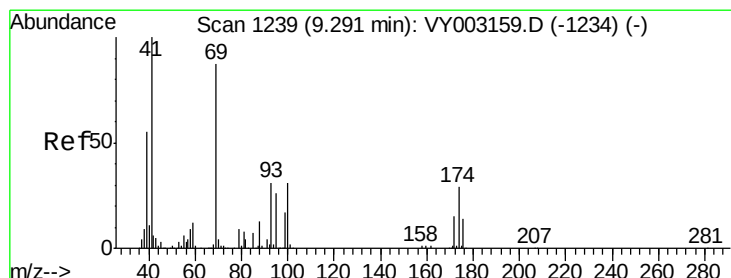
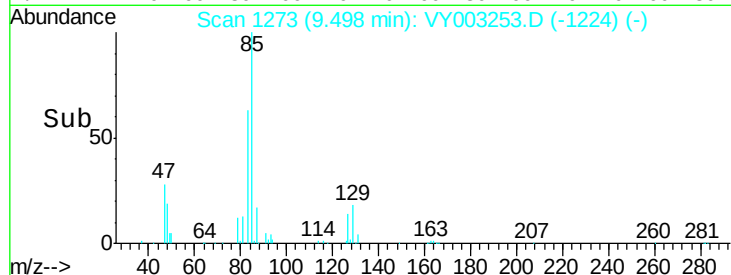
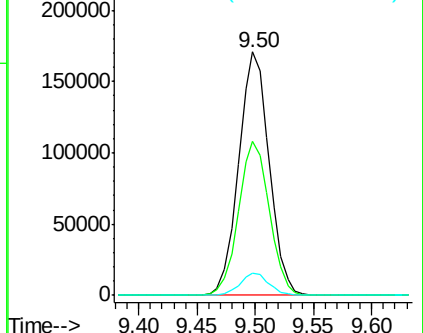
127 9.1 7.0 10.4



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: 53.292 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

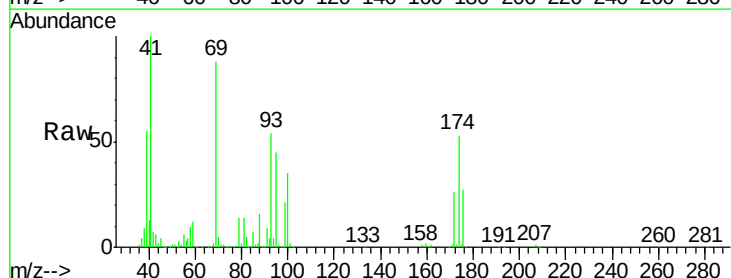
Tgt Ion: 41 Resp: 151544

Ion Ratio Lower Upper

41 100

69 89.0 74.5 111.7

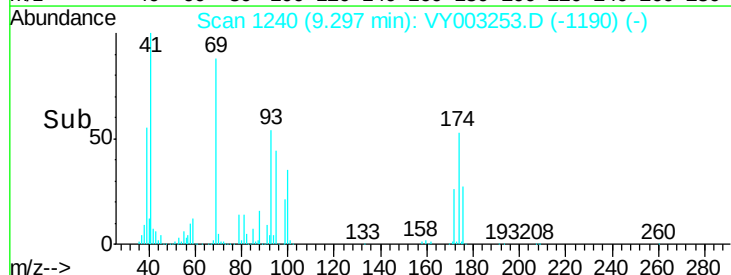
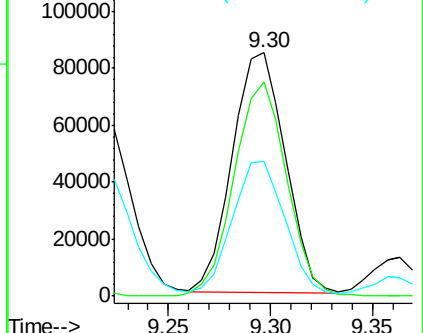
39 56.8 47.5 71.3

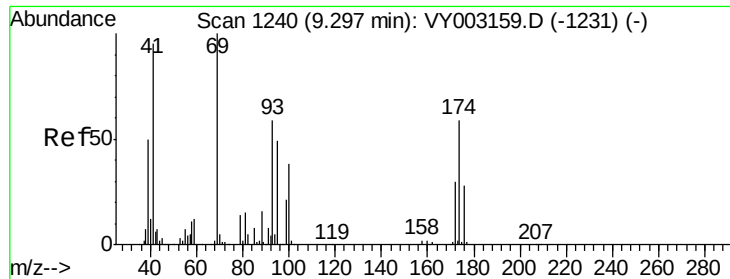


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1038.490 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

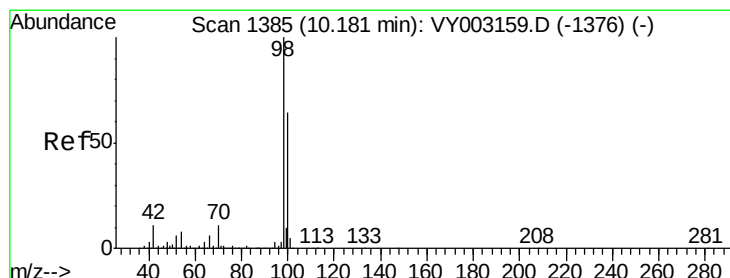
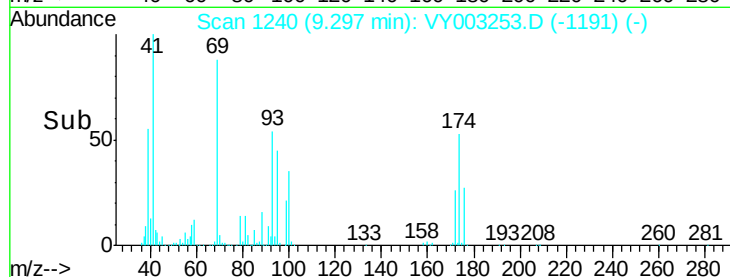
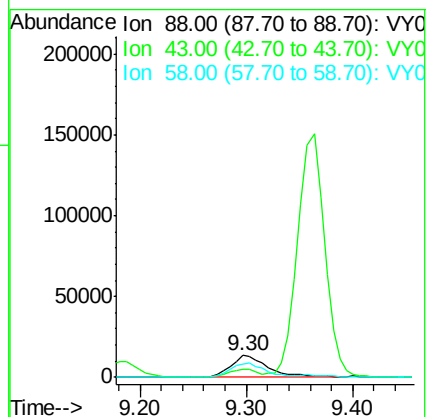
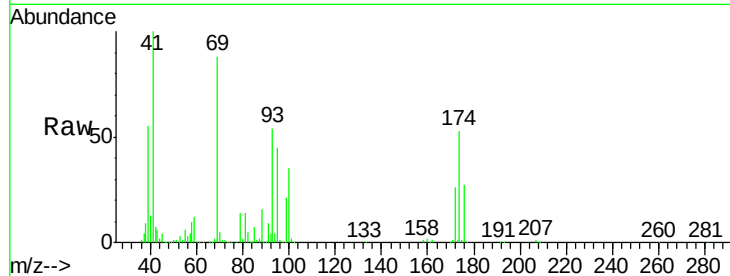
Tot Ion: 88 Resp: 33468

Ion Ratio Lower Upper

88 100

43 27.7 25.6 38.4

58 69.6 47.8 71.6



#50

Toluene-d8

Concen: 47.623 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003253.D

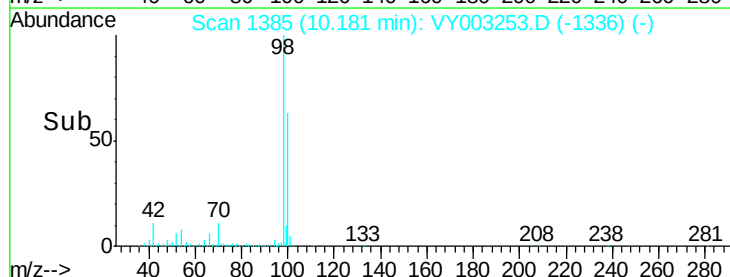
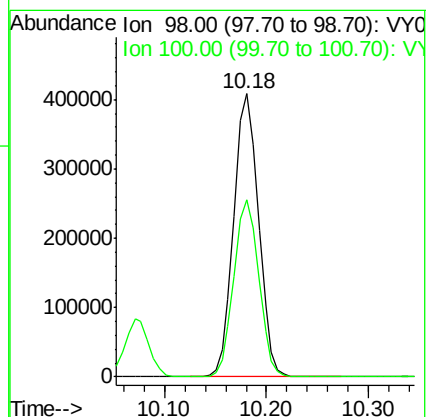
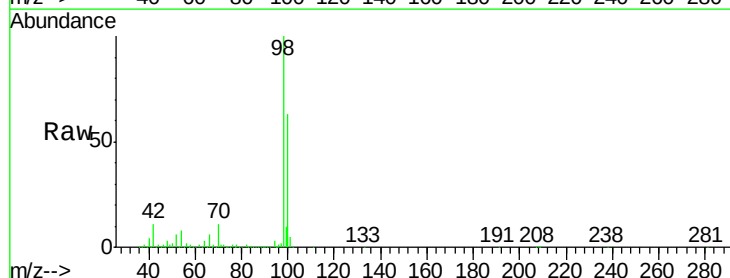
Acq: 21 Jul 2020 16:27

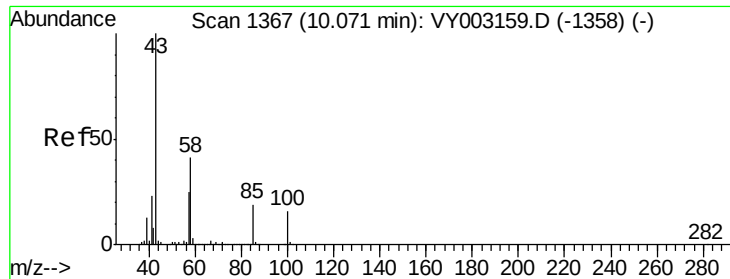
Tgt Ion: 98 Resp: 686005

Ion Ratio Lower Upper

98 100

100 63.1 50.7 76.1

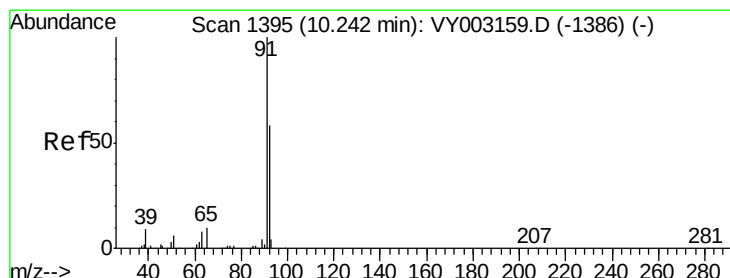
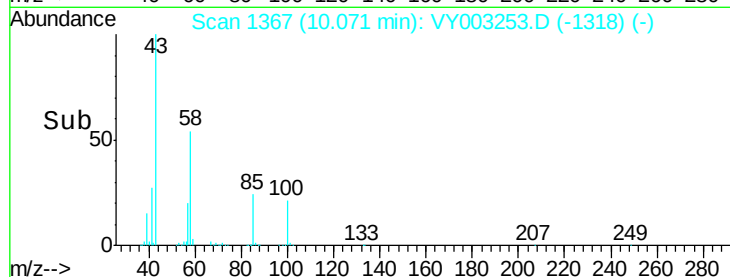
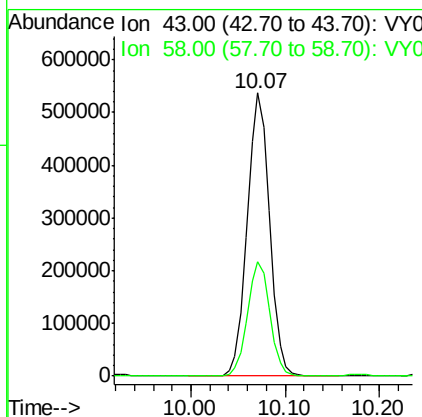
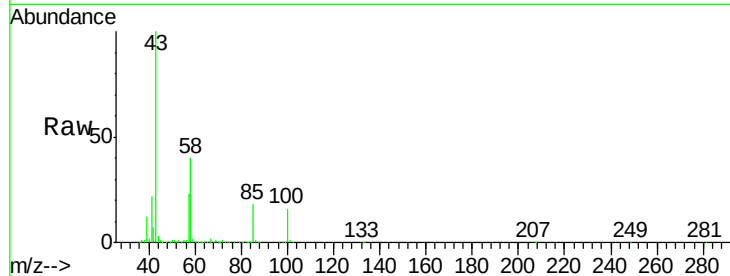




#51
4-Methyl-2-Pentanone
Concen: 270.551 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

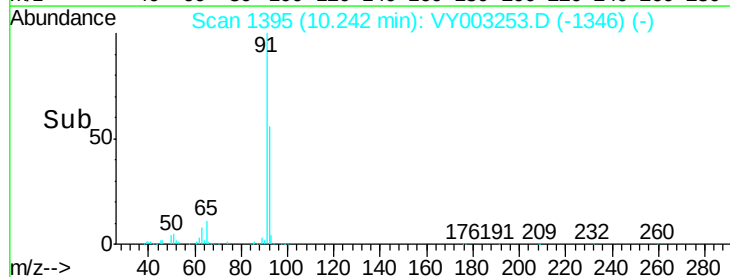
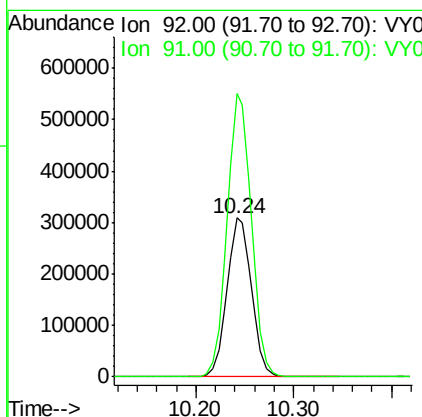
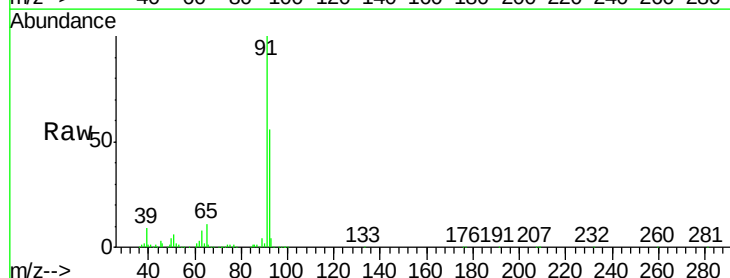
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

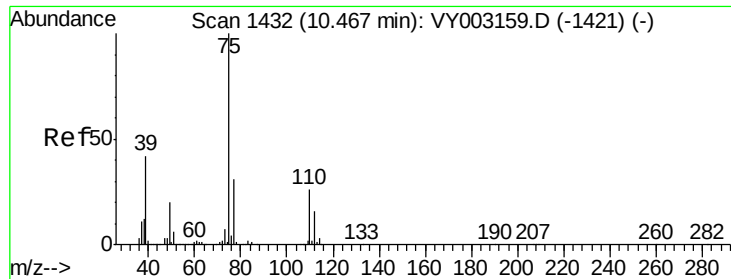
Tot Ion: 43 Resp: 894482
Ion Ratio Lower Upper
43 100
58 40.6 32.7 49.1



#52
Toluene
Concen: 49.583 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 92 Resp: 532490
Ion Ratio Lower Upper
92 100
91 177.0 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 52.031 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

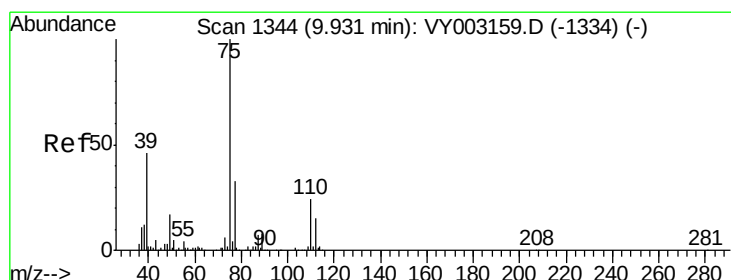
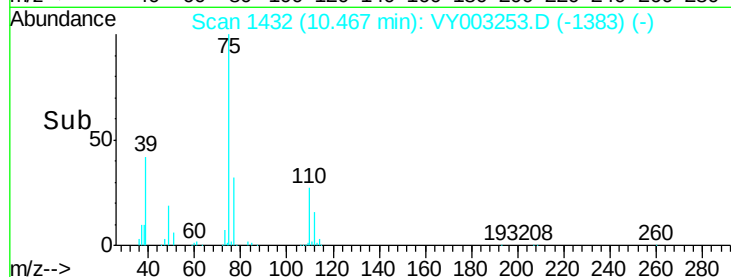
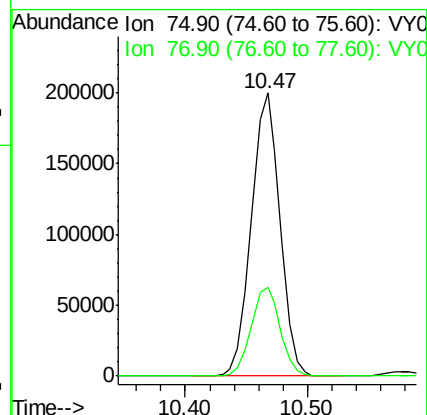
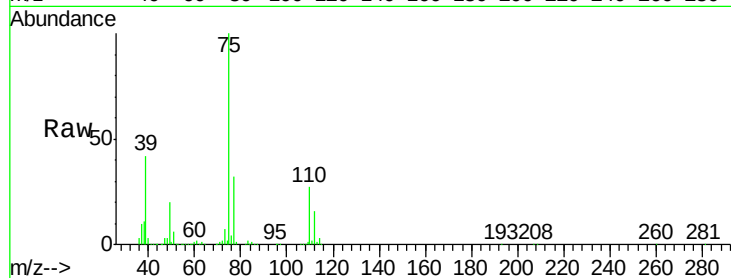
VSTDCCC050

Tot Ion: 75 Resp: 325566

Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 51.862 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

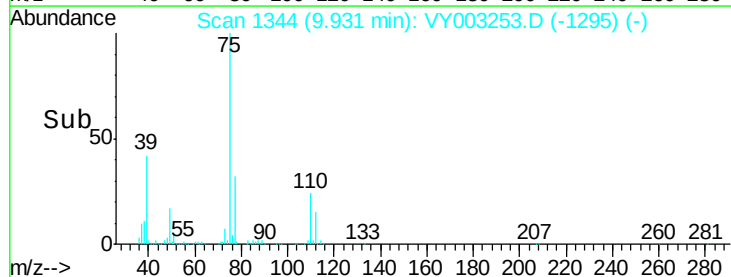
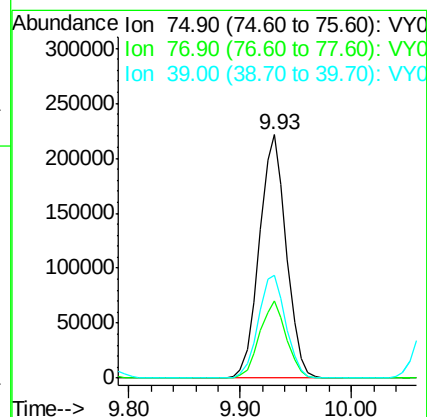
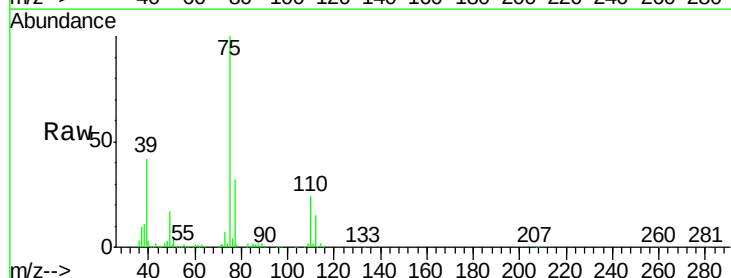
Tgt Ion: 75 Resp: 373896

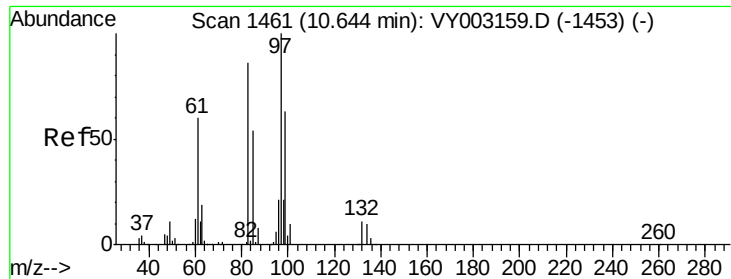
Ion Ratio Lower Upper

75 100

77 31.7 26.7 40.1

39 42.4 37.0 55.6

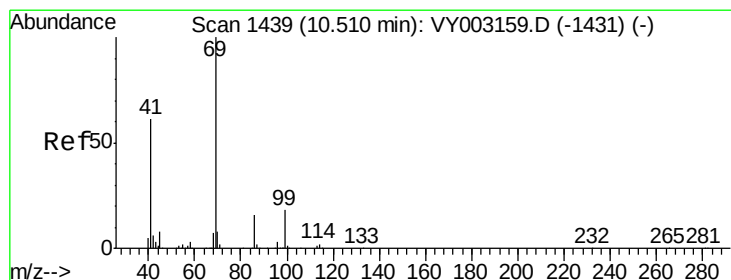
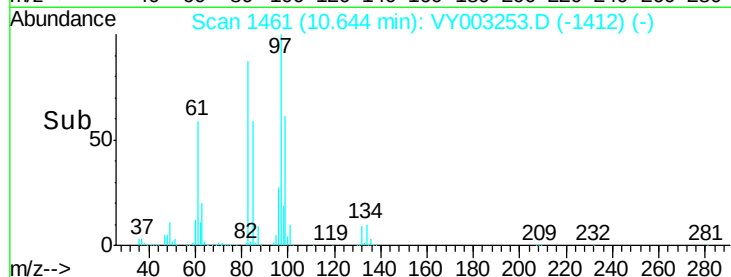
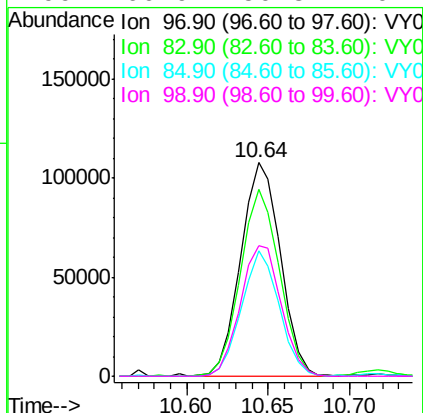
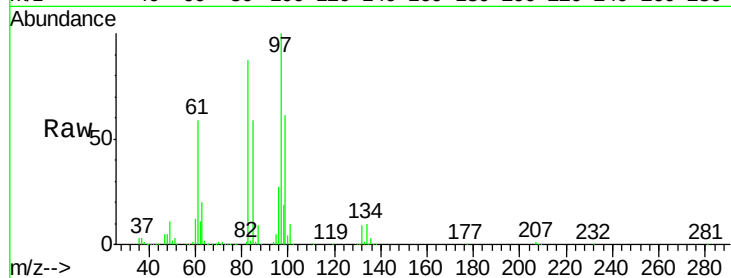




#55
 1,1,2-Trichloroethane
 Concen: 50.722 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

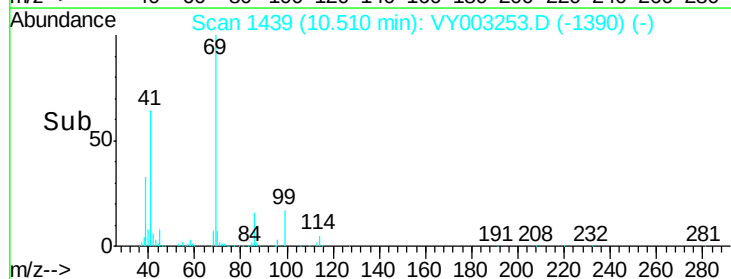
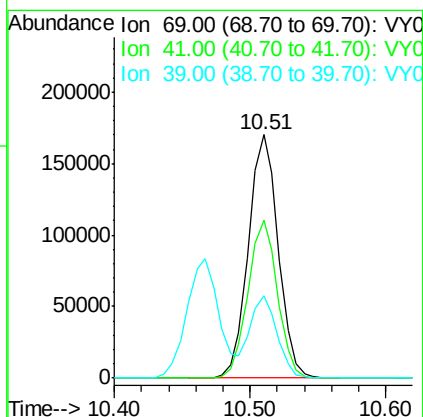
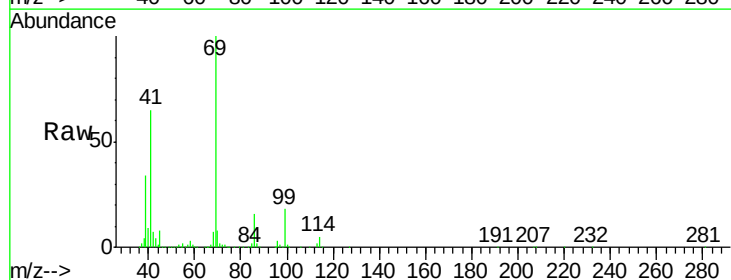
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

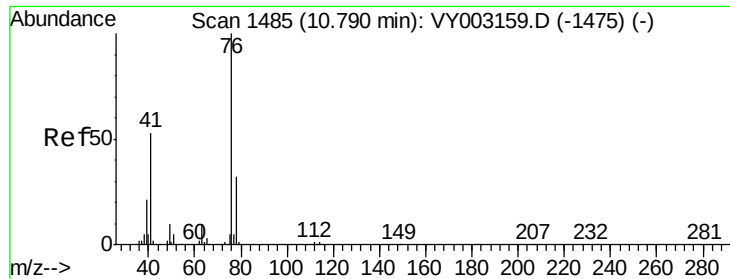
Tot Ion:	97	Resp:	182508
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.8	103.2
85	58.8	43.1	64.7
99	60.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 53.647 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:	69	Resp:	262440
Ion	Ratio	Lower	Upper
69	100		
41	64.0	50.0	75.0
39	30.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 52.275 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

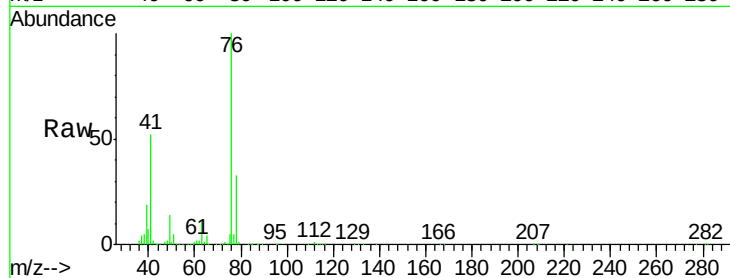
VSTDCCC050

Tot Ion: 76 Resp: 318932

Ion Ratio Lower Upper

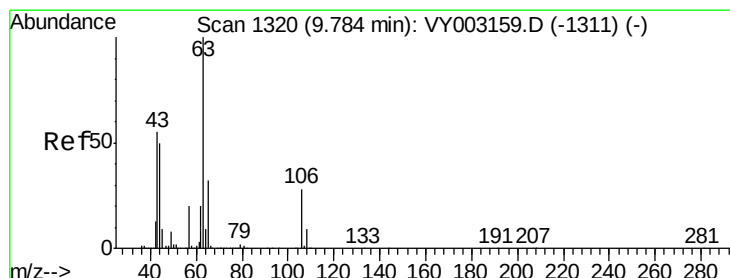
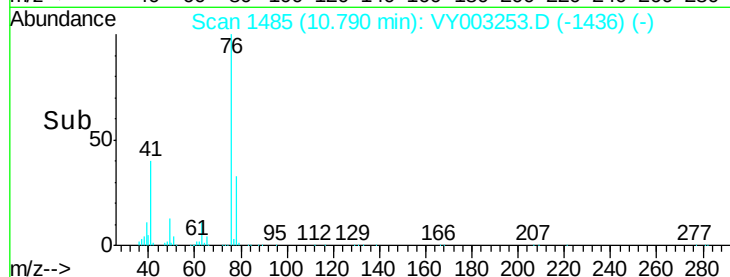
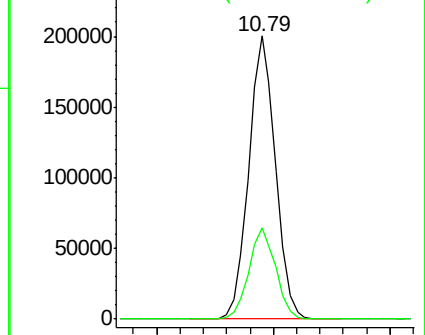
76 100

78 32.6 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: 266.436 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003253.D

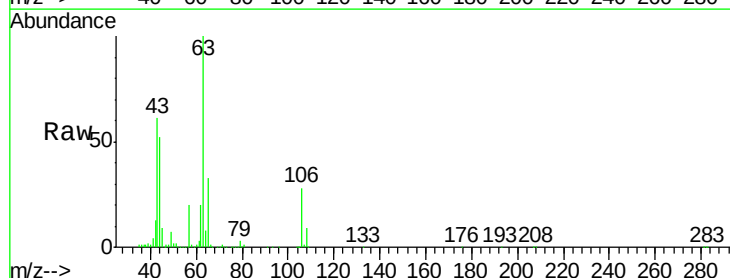
Acq: 21 Jul 2020 16:27

Tgt Ion: 63 Resp: 664728

Ion Ratio Lower Upper

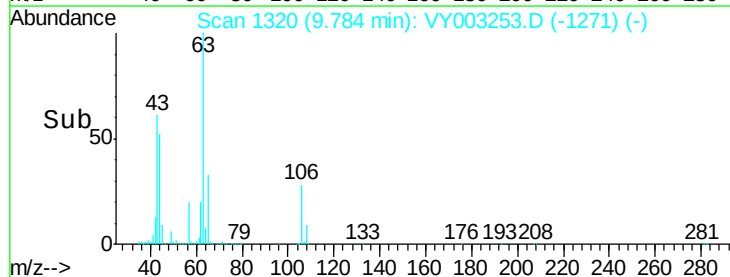
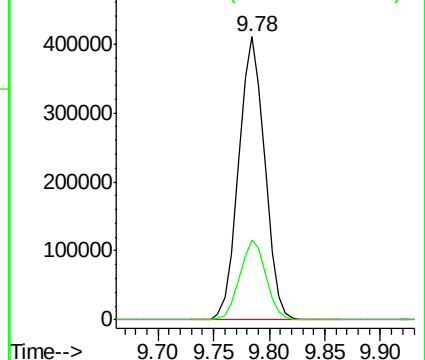
63 100

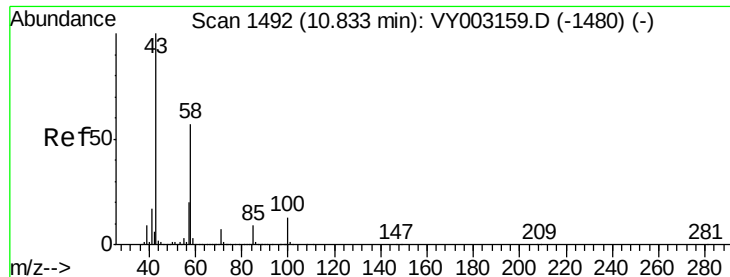
106 28.2 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

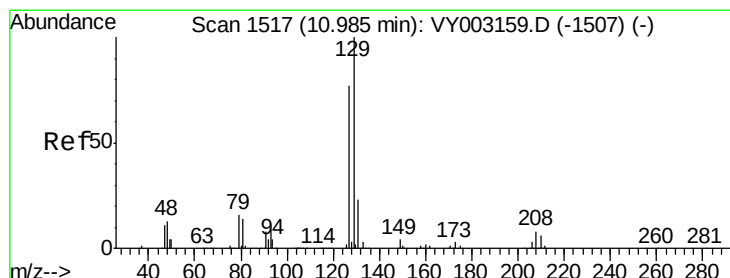
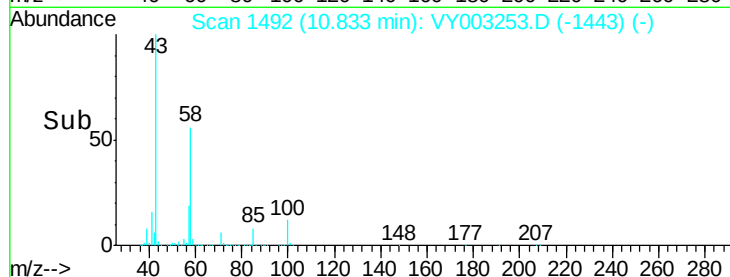
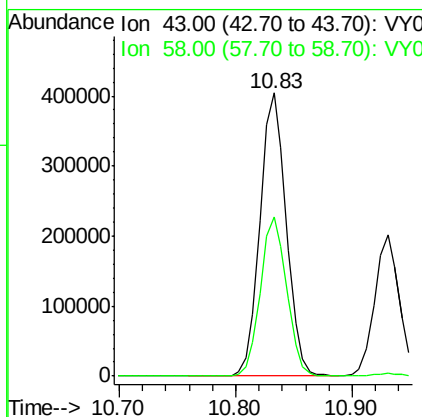
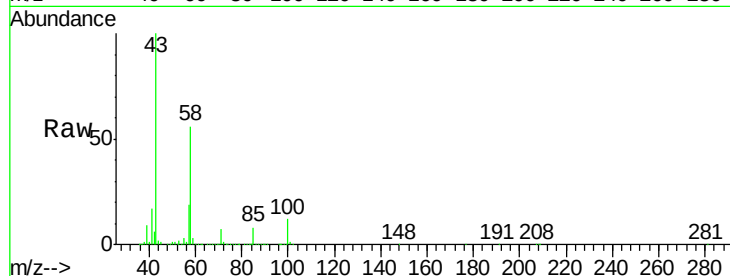




#59
2-Hexanone
Concen: 273.642 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

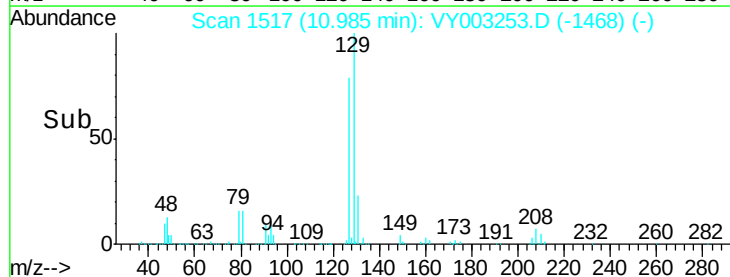
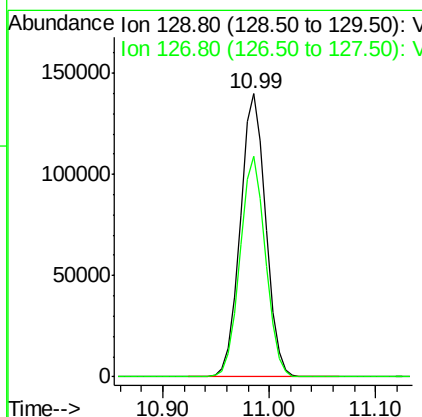
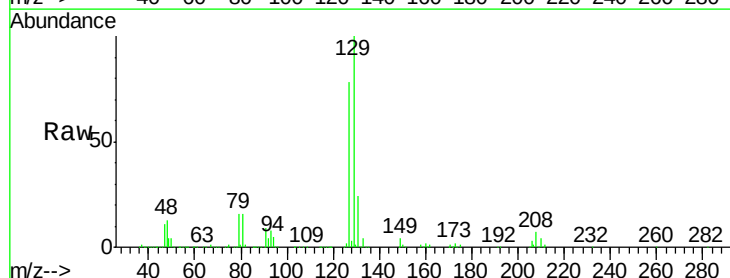
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

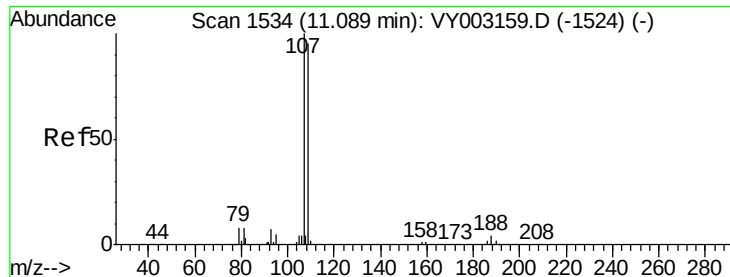
Tot Ion: 43 Resp: 631549
Ion Ratio Lower Upper
43 100
58 56.3 28.3 85.0



#60
Dibromochloromethane
Concen: 51.842 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 129 Resp: 234620
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

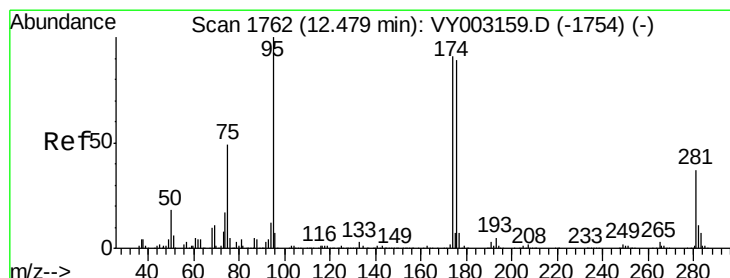
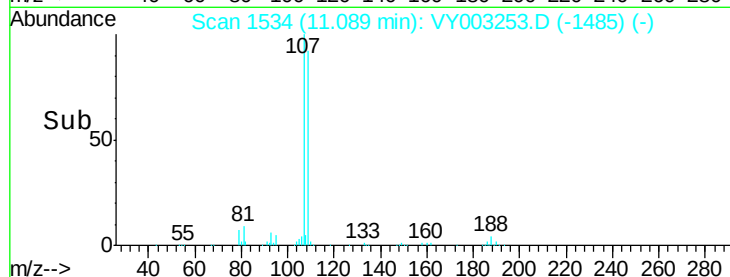
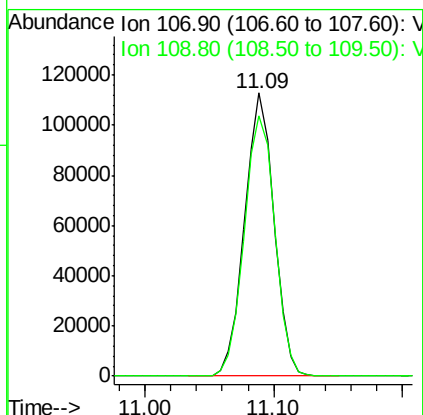
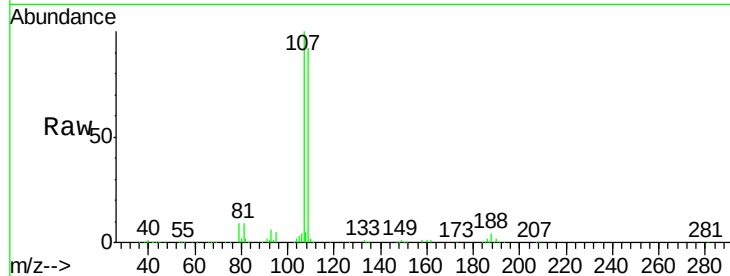




#61
 1,2-Dibromoethane
 Concen: 49.843 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

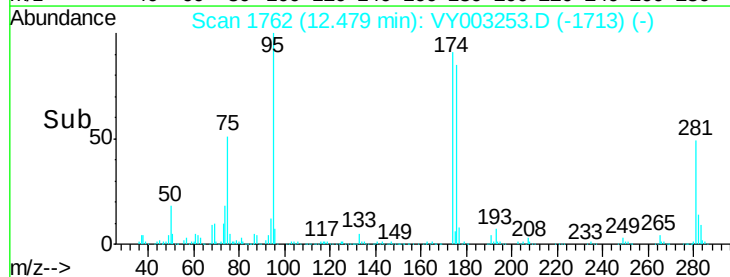
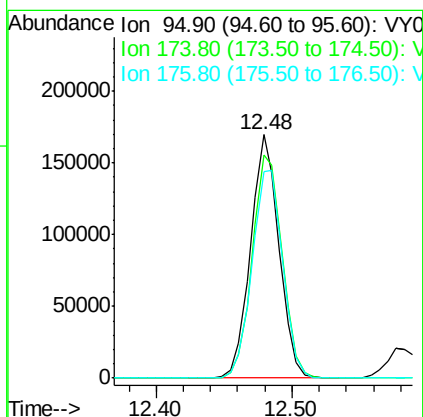
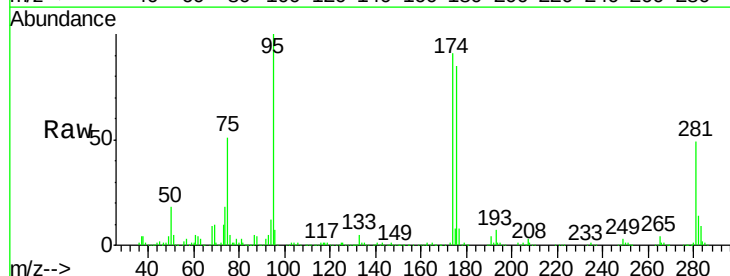
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

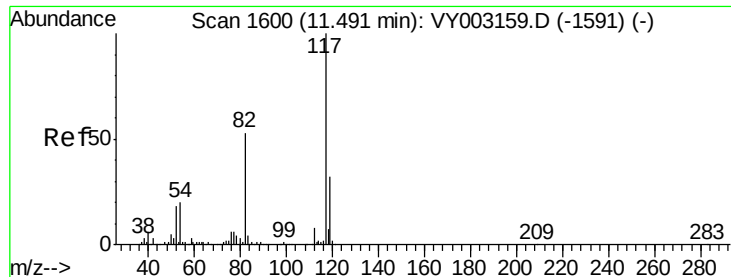
Tot Ion:107 Resp: 177008
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.741 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 95 Resp: 248442
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 190.6
 176 92.4 0.0 186.4

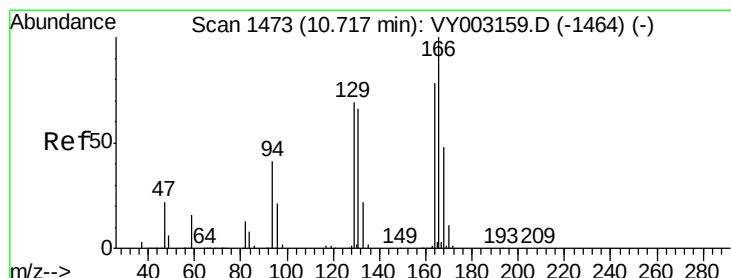
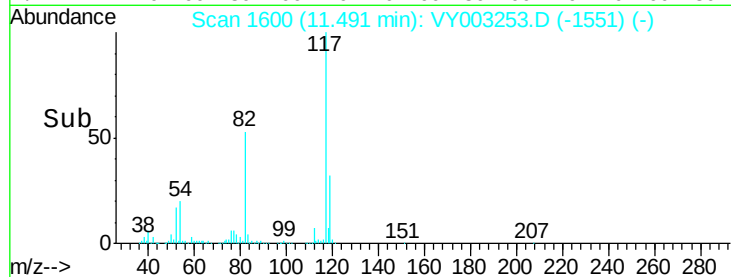
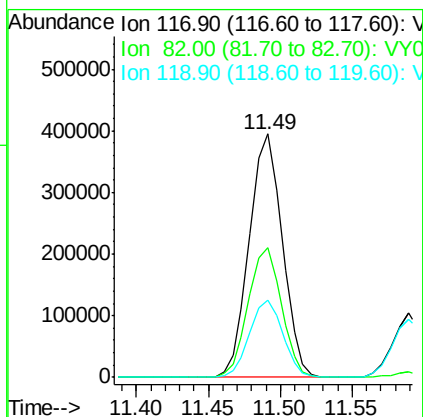
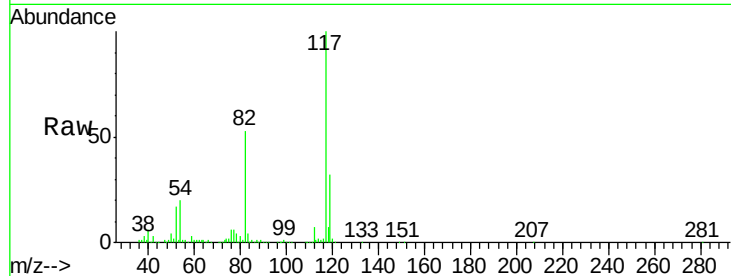




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

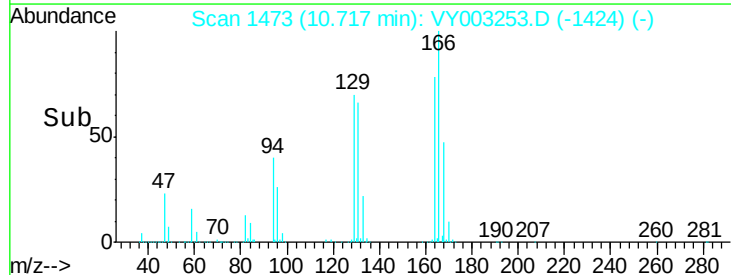
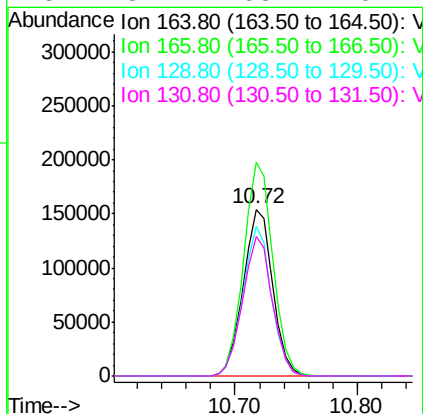
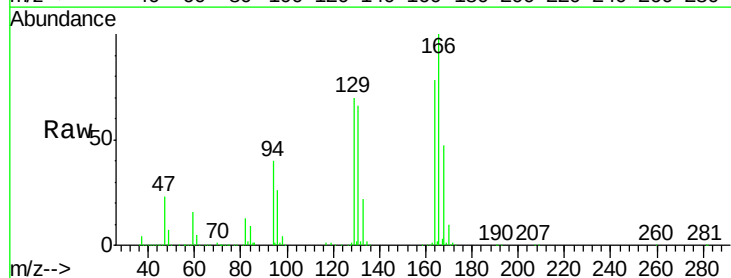
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

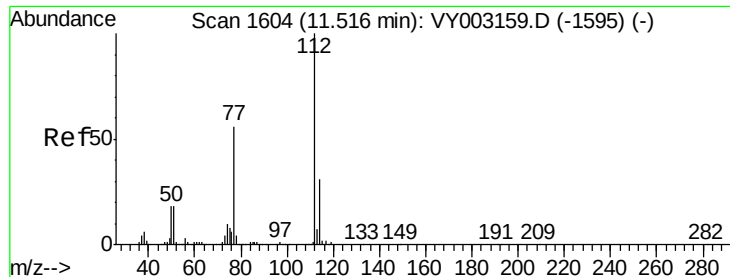
Tot Ion:117 Resp: 630596
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 45.684 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion:164 Resp: 256862
Ion Ratio Lower Upper
164 100
166 128.2 102.9 154.3
129 90.0 71.4 107.2
131 84.1 68.1 102.1

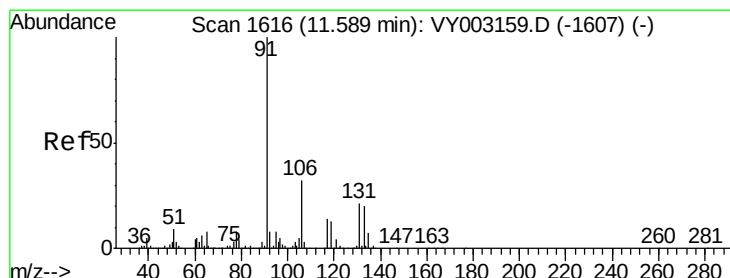
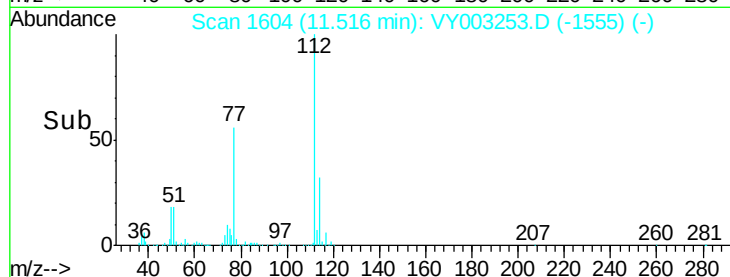
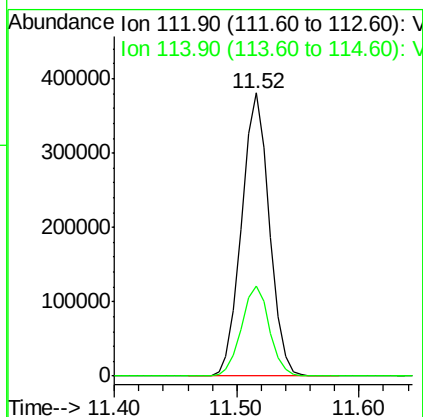
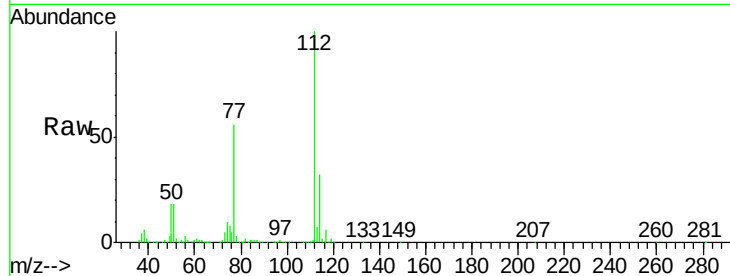




#65
Chlorobenzene
Concen: 49.295 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

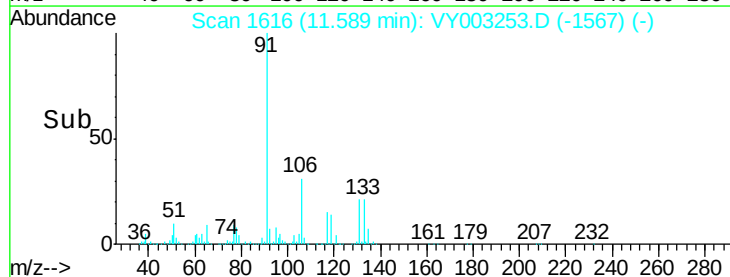
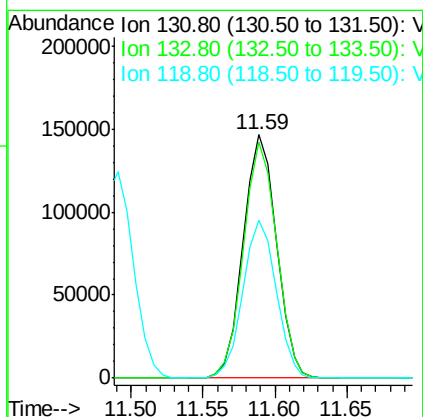
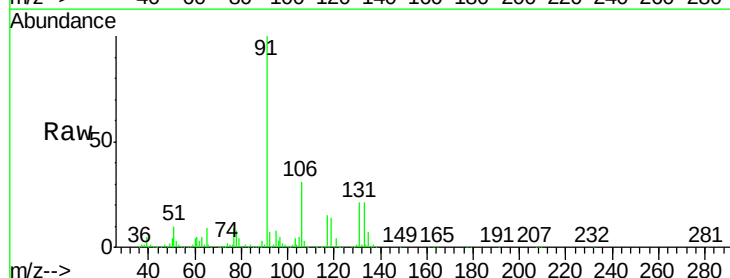
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

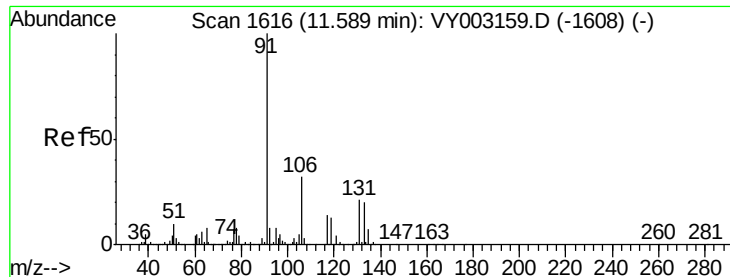
Tot Ion:112 Resp: 598835
Ion Ratio Lower Upper
112 100
114 31.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.781 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion:131 Resp: 234878
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 64.7 32.4 97.0

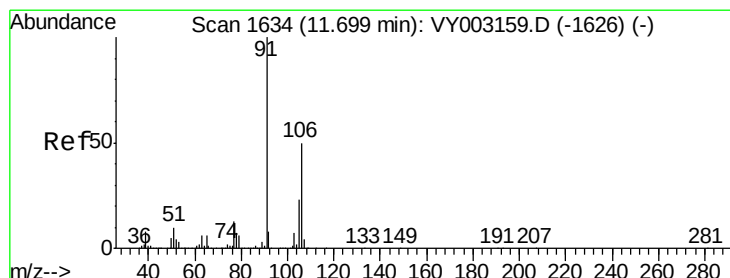
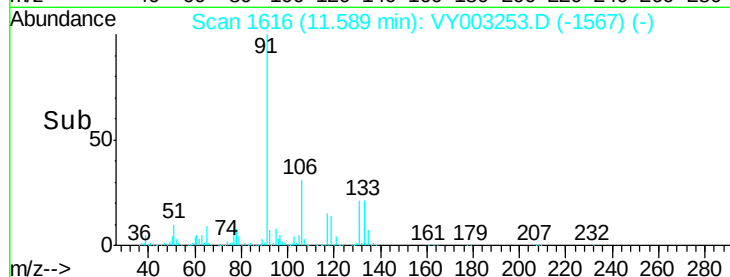
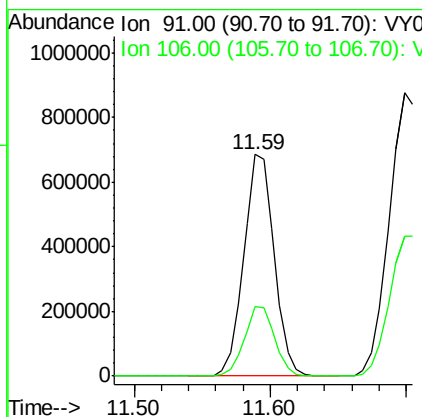
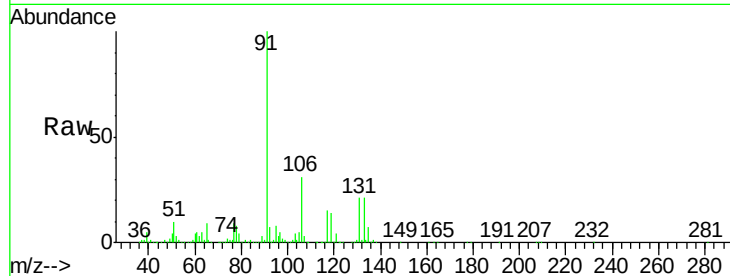




#67
Ethyl Benzene
Concen: 49.258 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

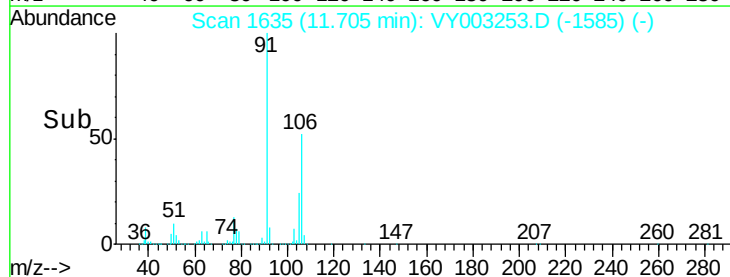
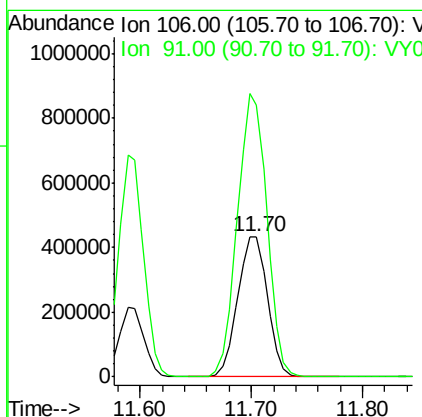
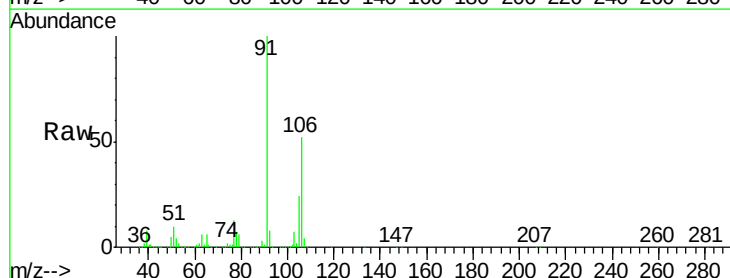
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

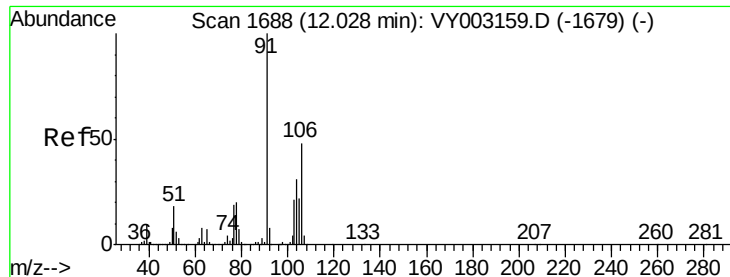
Tot Ion: 91 Resp: 1068417
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 98.110 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 106 Resp: 807444
Ion Ratio Lower Upper
106 100
91 199.0 159.0 238.6

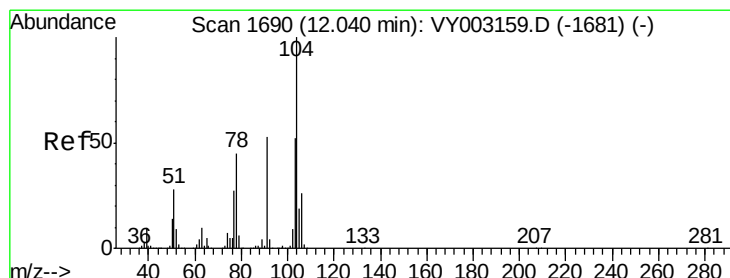
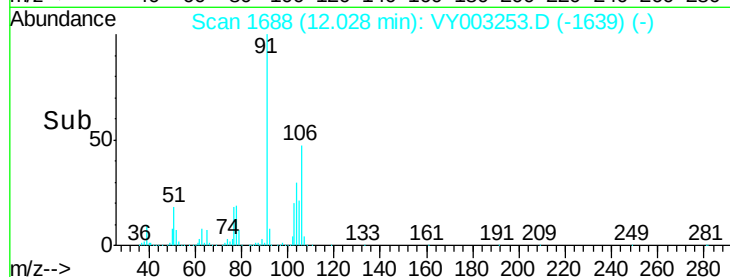
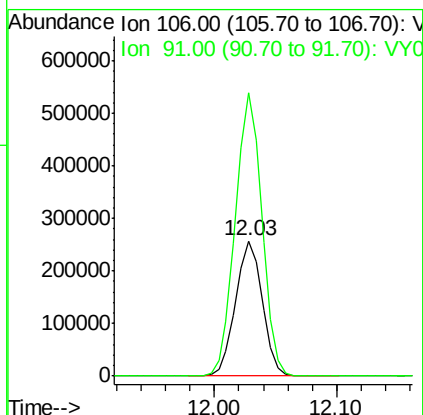
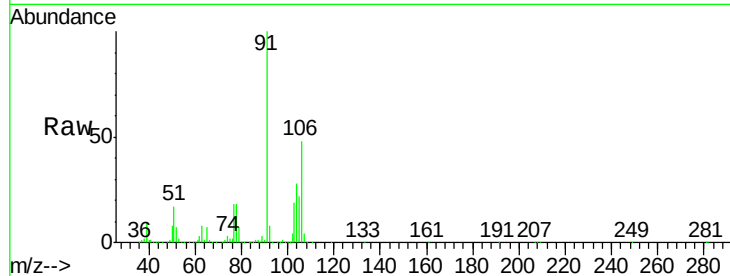




#69
o-Xylene
Concen: 50.350 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

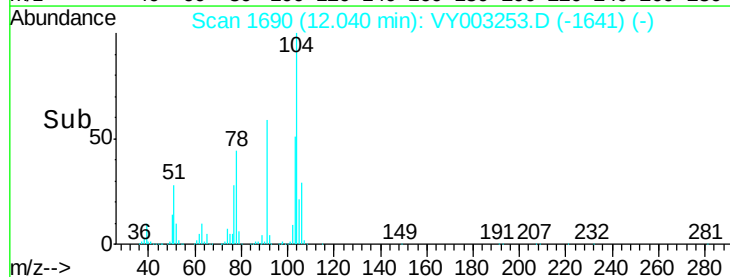
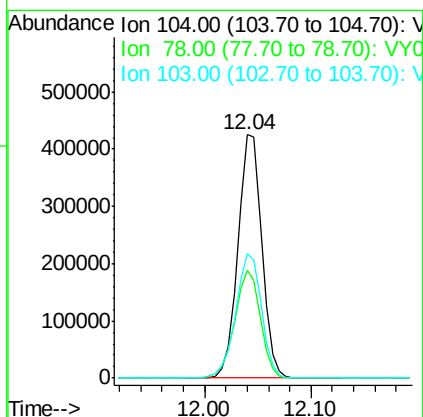
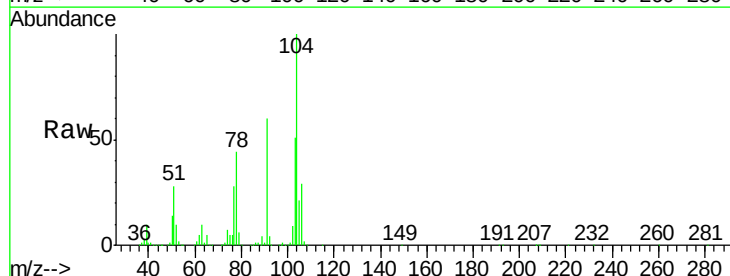
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

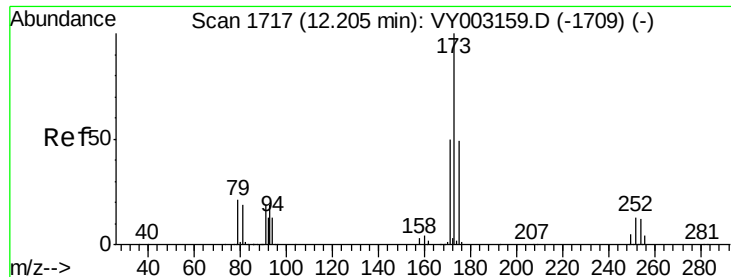
Tot Ion:106 Resp: 387116
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.1



#70
Styrene
Concen: 51.209 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion:104 Resp: 673533
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 55.0 43.9 65.9

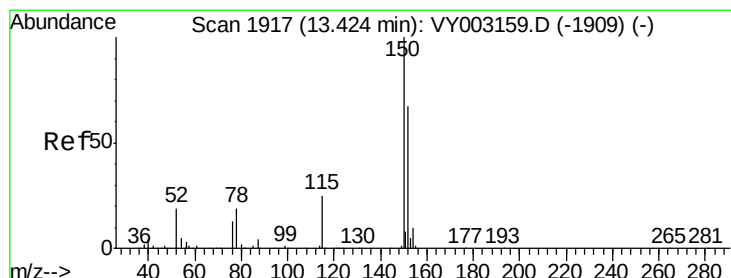
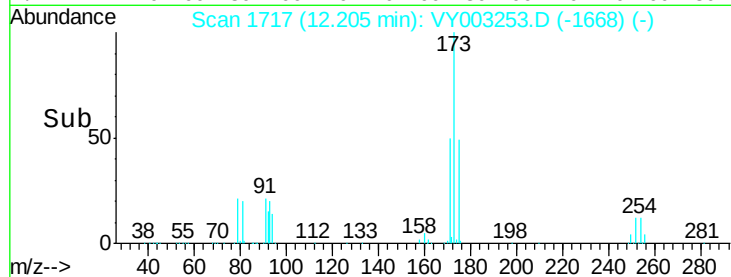
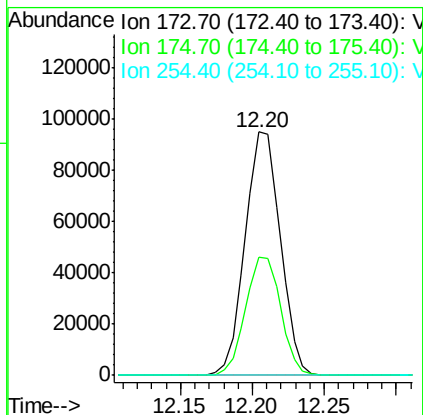
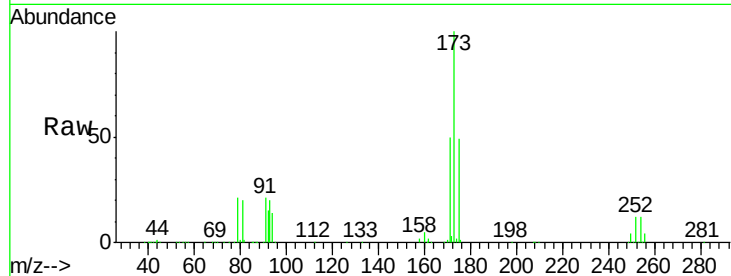




#71
Bromoform
Concen: 51.863 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

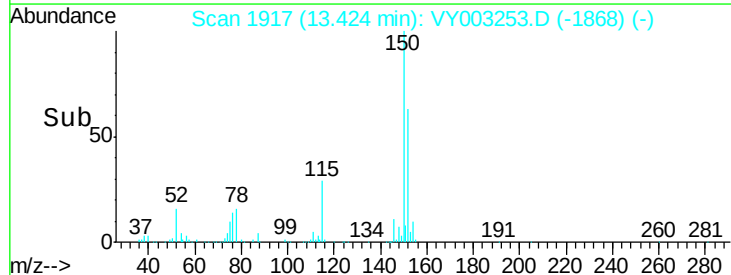
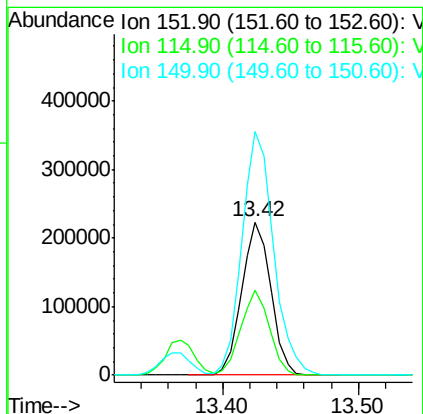
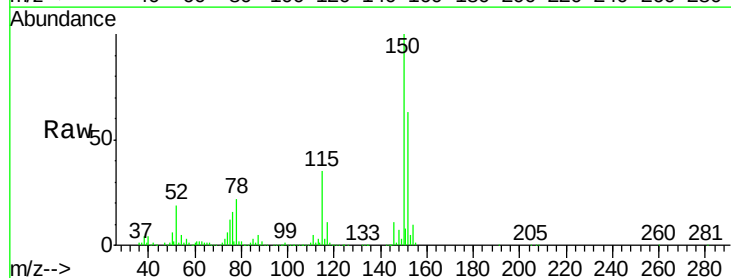
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

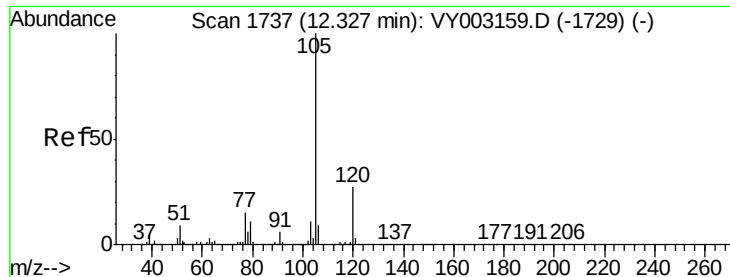
Tot Ion:173 Resp: 160604
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion:152 Resp: 333408
Ion Ratio Lower Upper
152 100
115 54.4 26.9 80.7
150 173.1 0.0 338.0





#73

Isopropylbenzene

Concen: 49.107 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

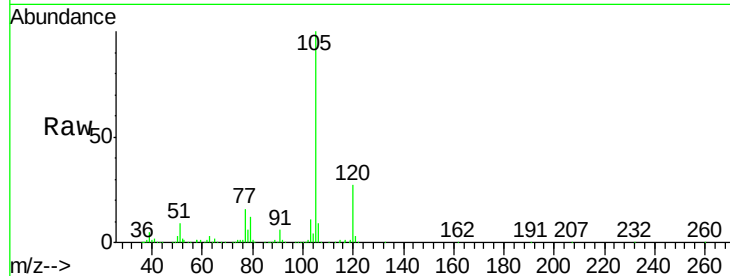
VSTDCCC050

Tot Ion:105 Resp: 1043374

Ion Ratio Lower Upper

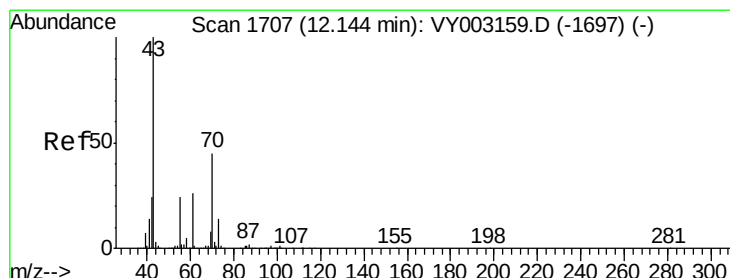
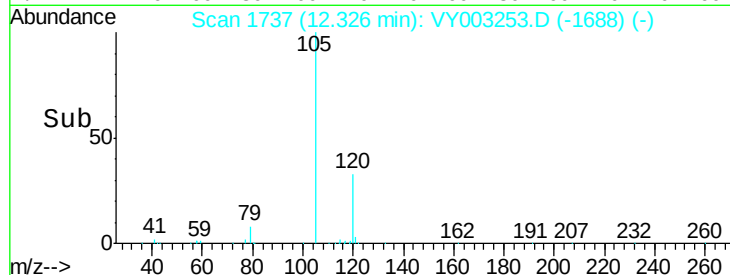
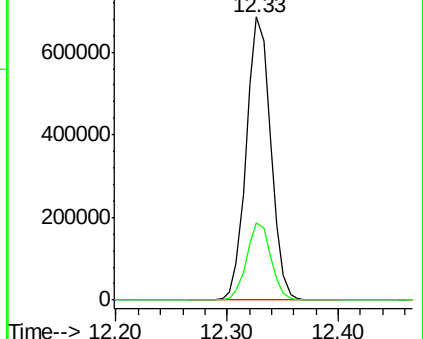
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.468 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Tgt Ion: 43 Resp: 318756

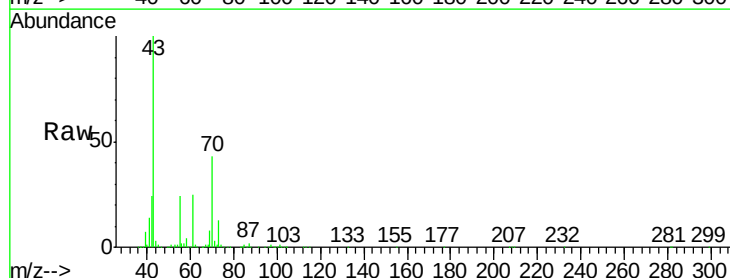
Ion Ratio Lower Upper

43 100

70 43.5 35.6 53.4

55 24.4 19.4 29.2

61 25.3 20.8 31.2

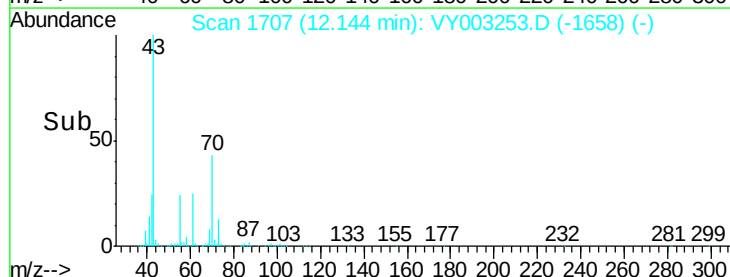
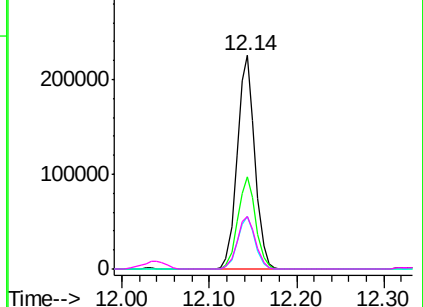


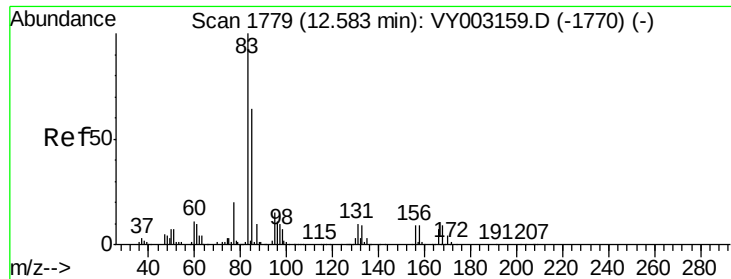
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 52.228 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

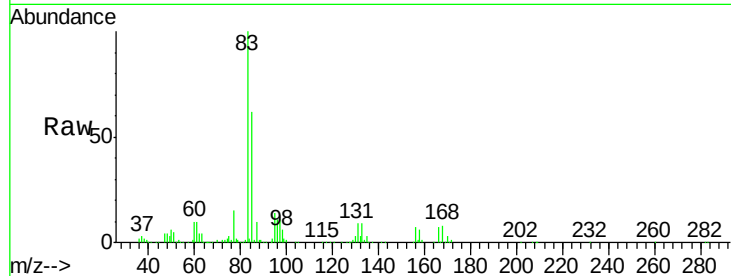
Tot Ion: 83 Resp: 214322

Ion Ratio Lower Upper

83 100

131 10.7 5.2 15.6

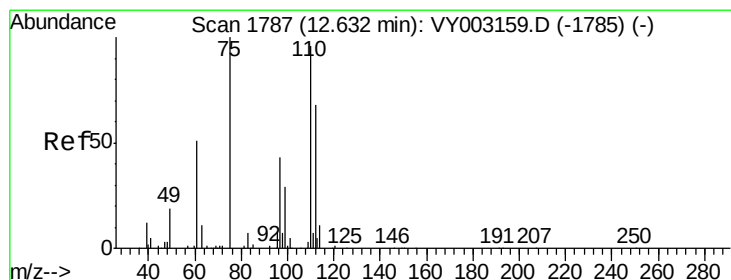
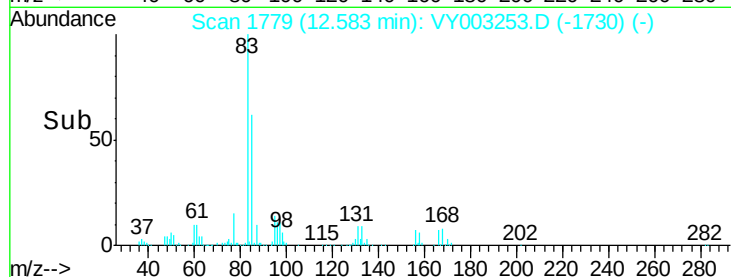
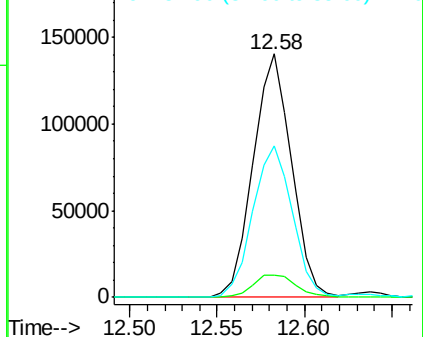
85 64.2 32.0 96.0



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: 98.929 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003253.D

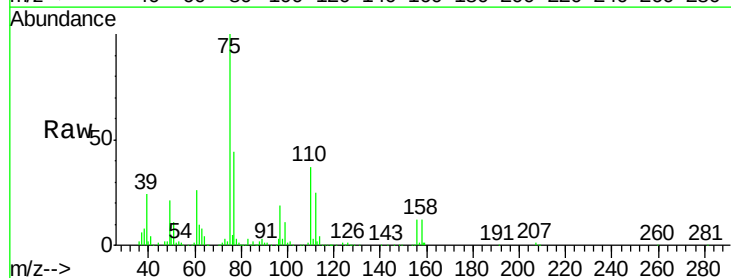
Acq: 21 Jul 2020 16:27

Tgt Ion: 75 Resp: 291964

Ion Ratio Lower Upper

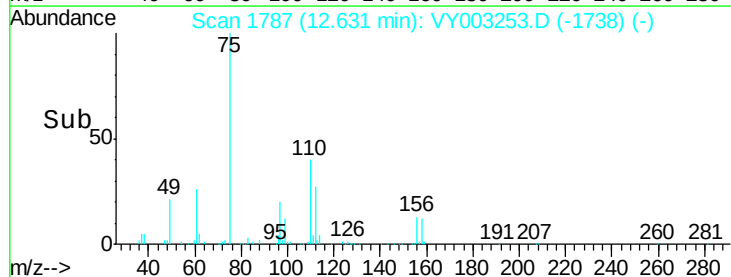
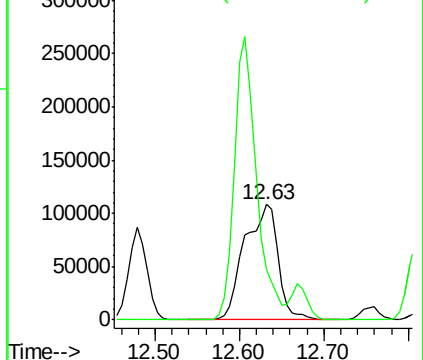
75 100

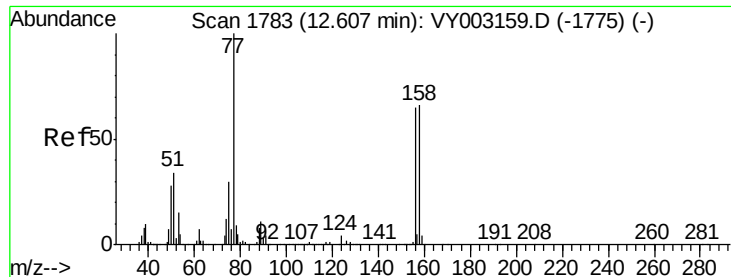
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 49.776 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

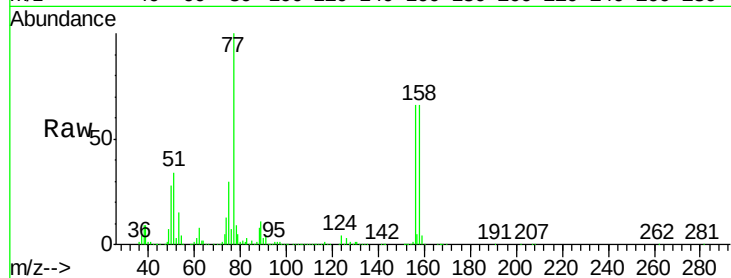
Tot Ion:156 Resp: 269582

Ion Ratio Lower Upper

156 100

77 174.9 86.6 259.7

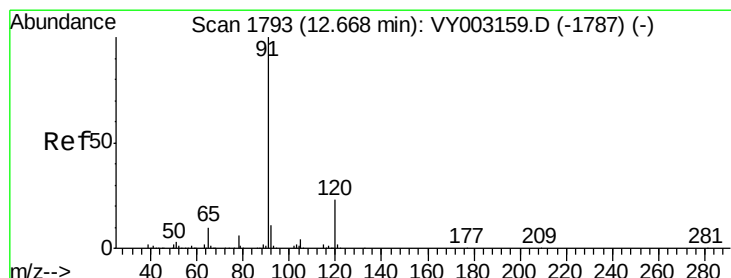
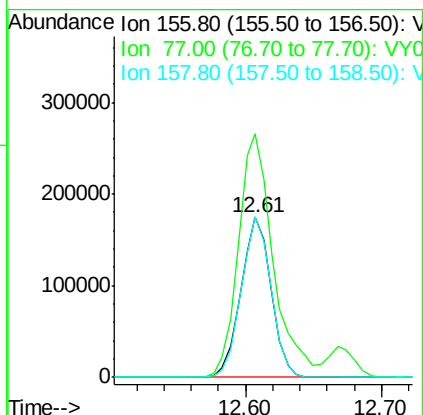
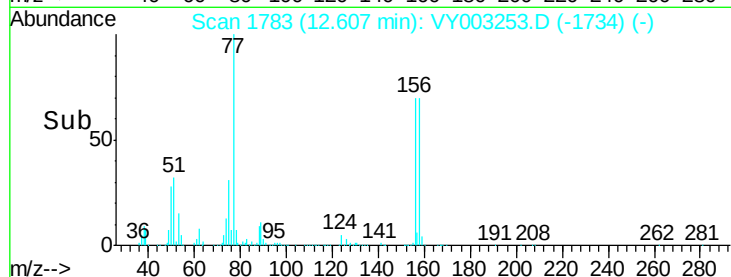
158 98.6 49.4 148.0



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: 49.922 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003253.D

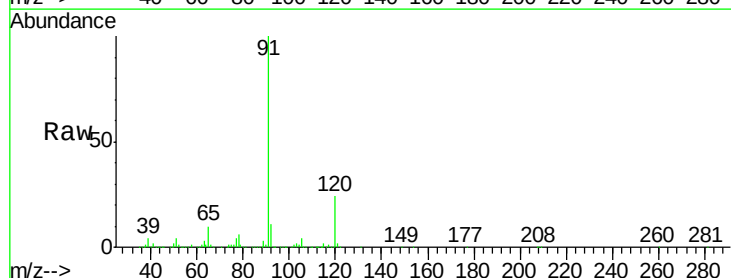
Acq: 21 Jul 2020 16:27

Tgt Ion: 91 Resp: 1250297

Ion Ratio Lower Upper

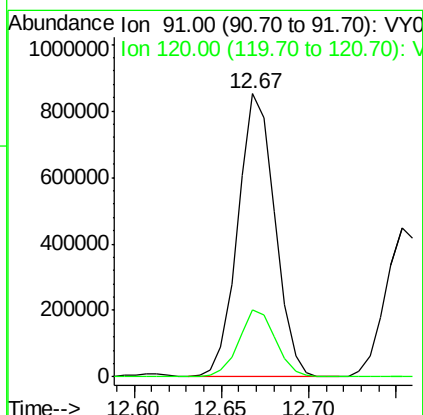
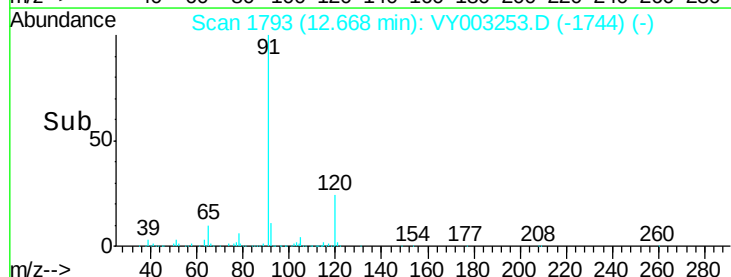
91 100

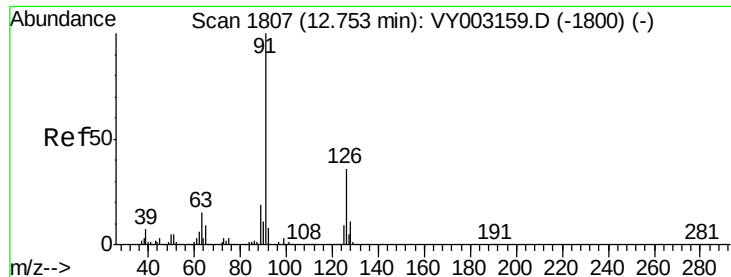
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

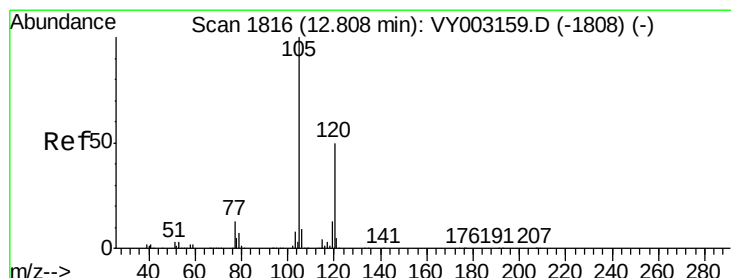
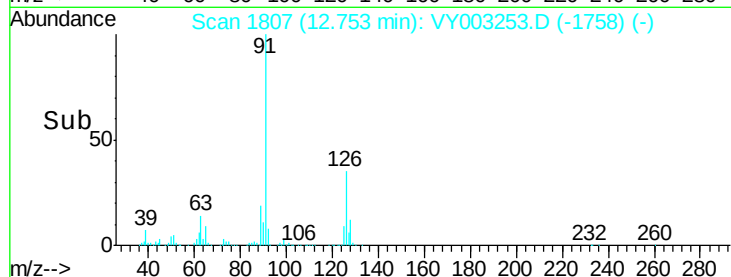
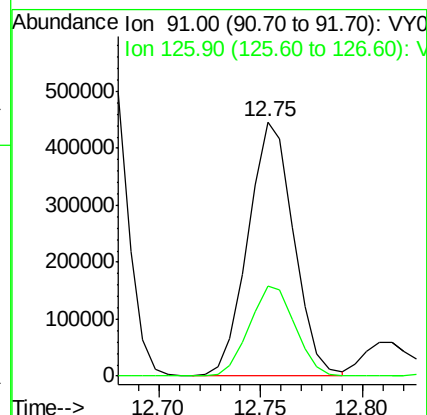
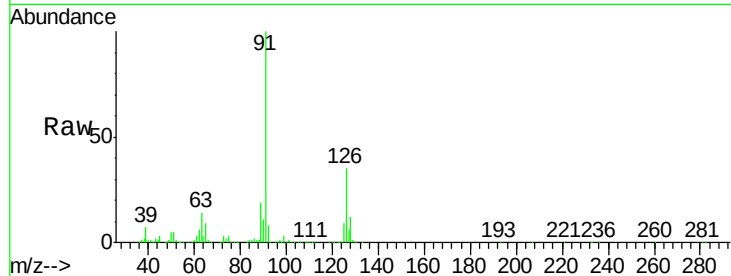




#79
 2-Chlorotoluene
 Concen: 49.680 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

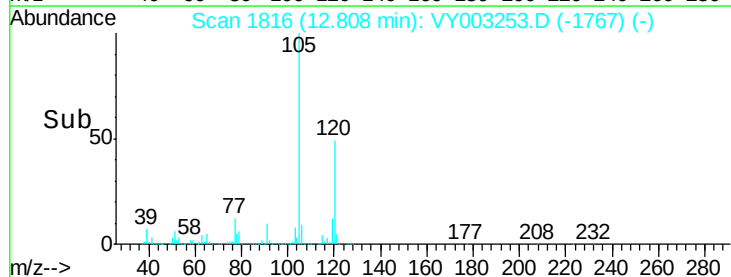
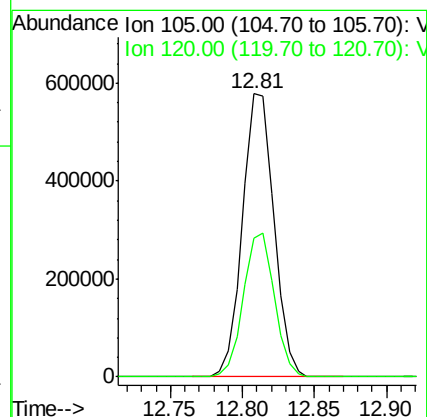
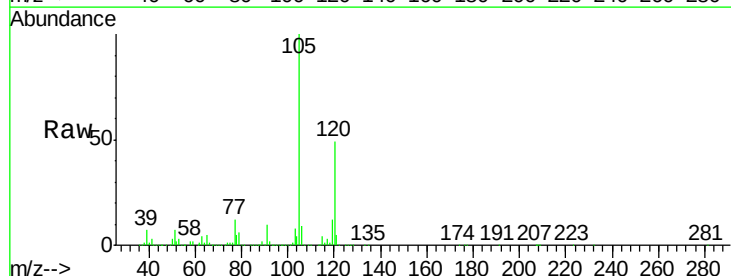
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

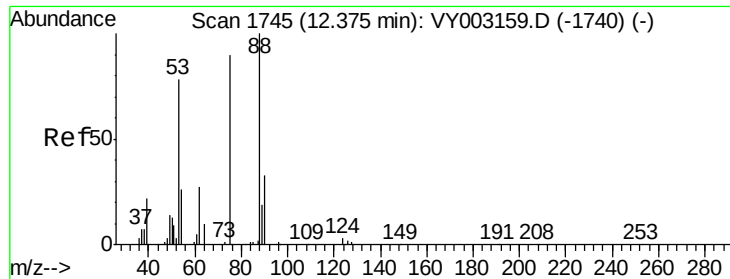
Tot Ion: 91 Resp: 694199
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.480 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion: 105 Resp: 876215
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.6

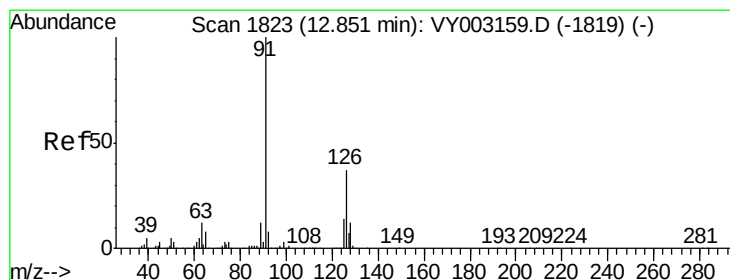
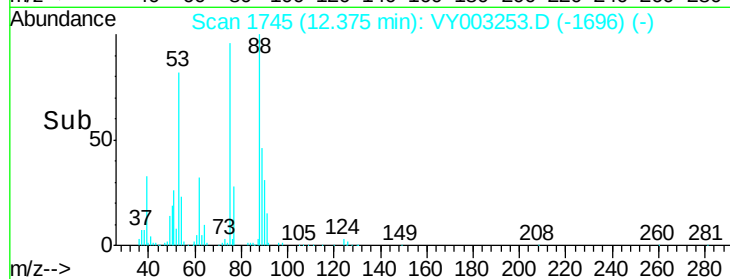
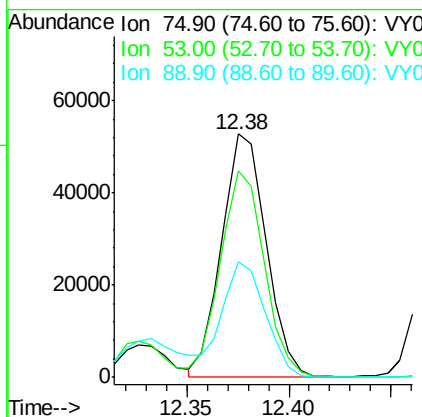
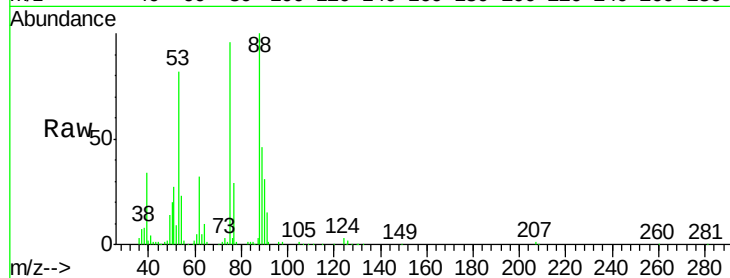




#81
trans-1,4-Dichloro-2-butene
Concen: 52.199 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

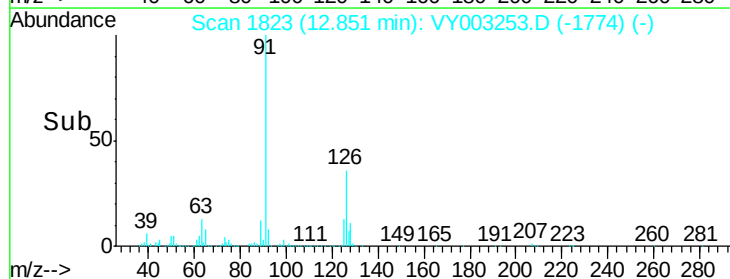
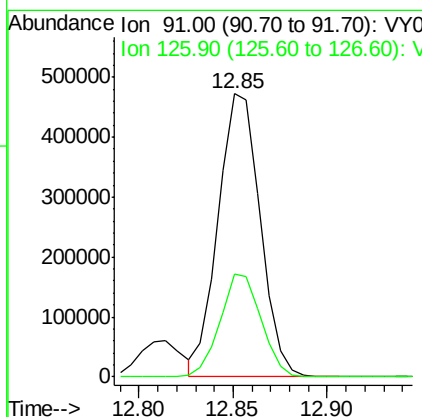
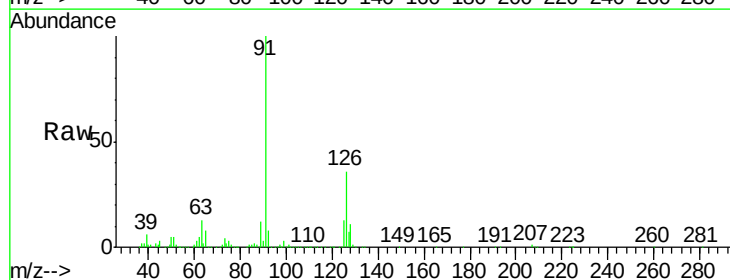
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

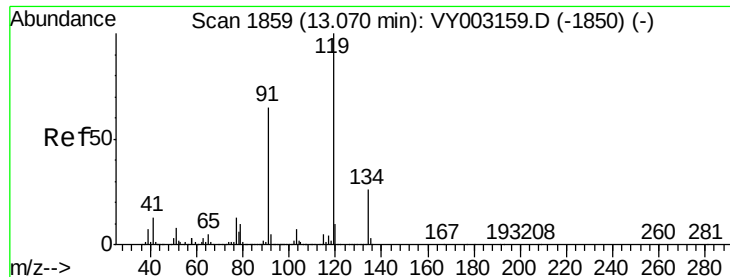
Tot Ion: 75 Resp: 79156
Ion Ratio Lower Upper
75 100
53 84.5 72.0 108.0
89 48.4 37.3 55.9



#82
4-Chlorotoluene
Concen: 50.045 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 91 Resp: 729897
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.7

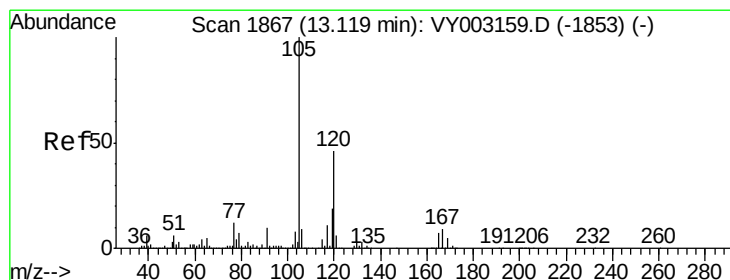
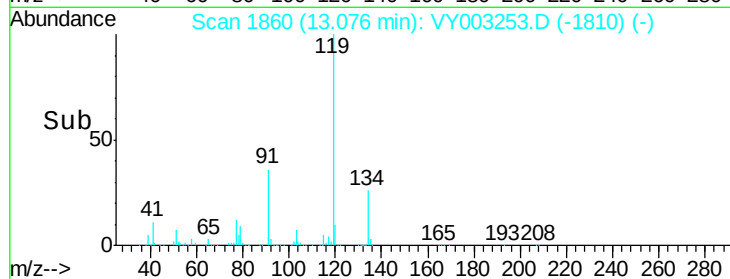
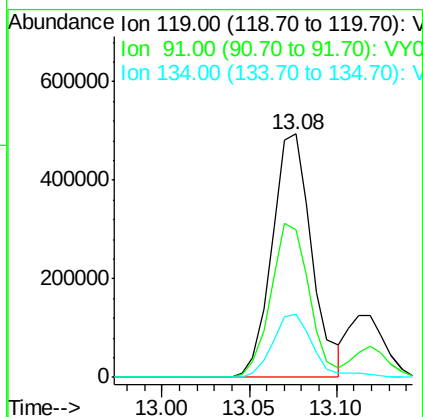
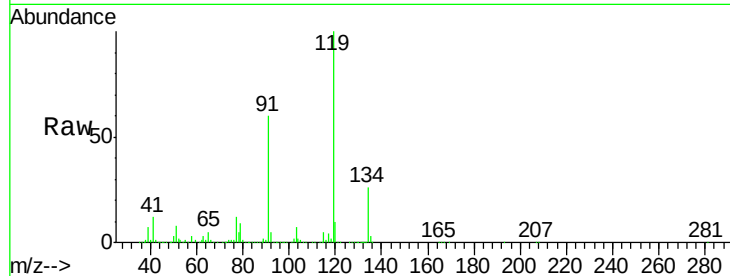




#83
 tert-Butylbenzene
 Concen: 50.033 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.01 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

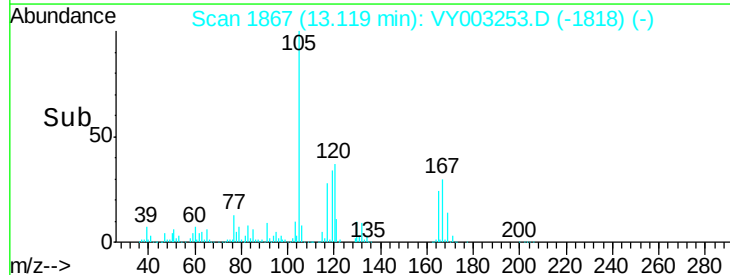
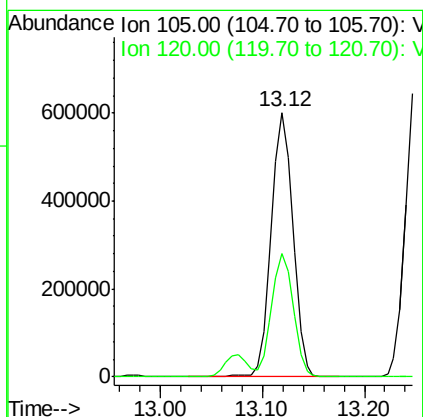
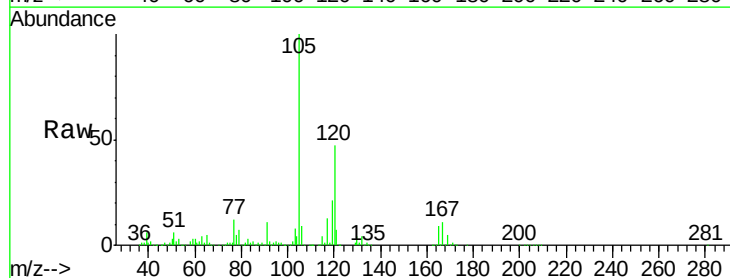
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

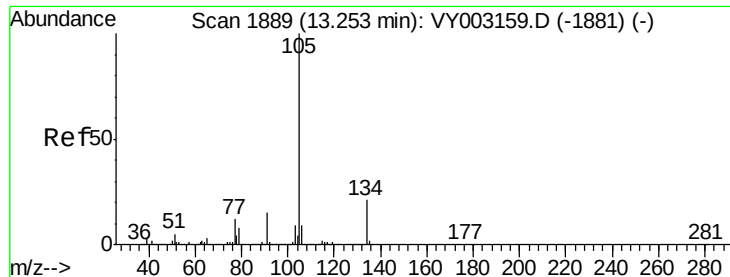
Tot Ion:119 Resp: 781774
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.8 92.4
 134 26.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.724 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:105 Resp: 885962
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 49.971 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

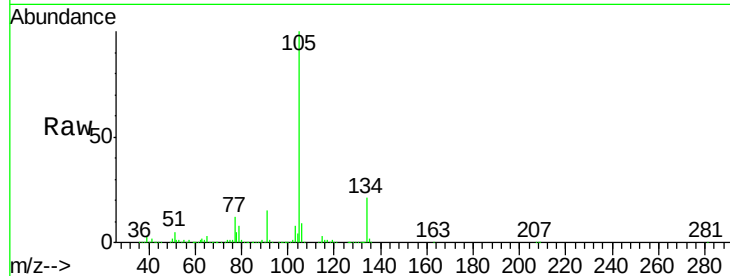
VSTDCCC050

Tot Ion:105 Resp: 1073188

Ion Ratio Lower Upper

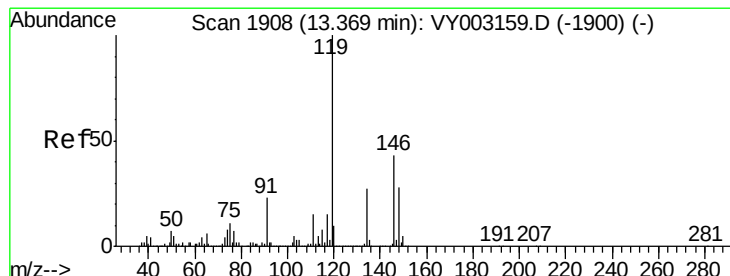
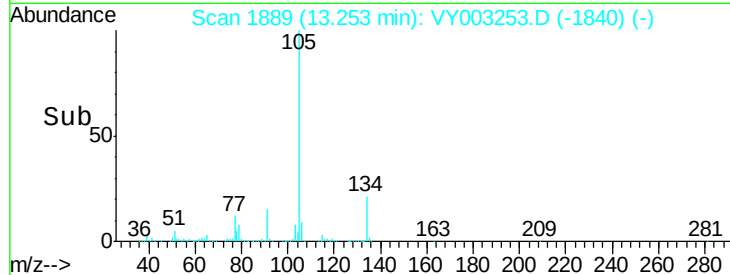
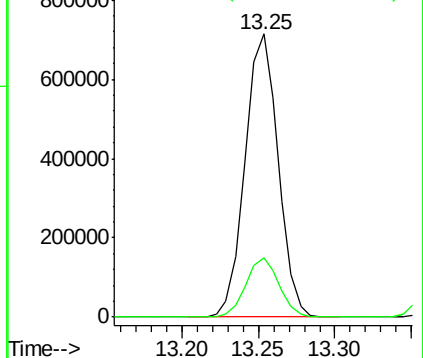
105 100

134 20.9 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: 49.638 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

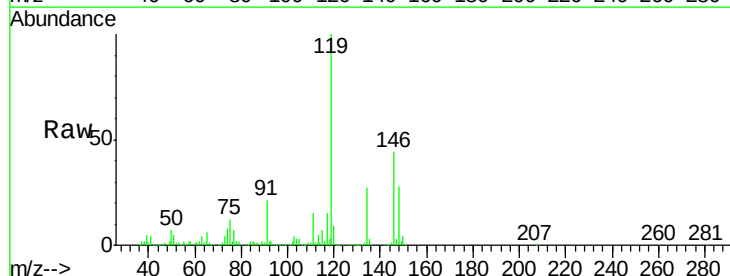
Tgt Ion:119 Resp: 995362

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

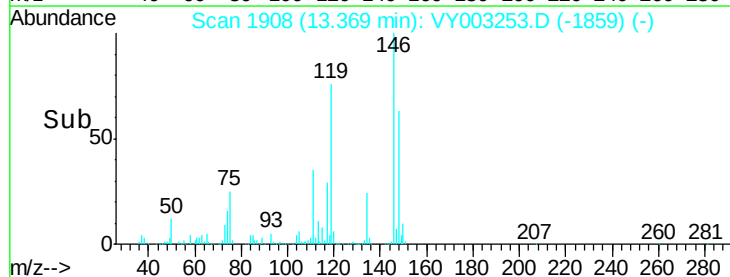
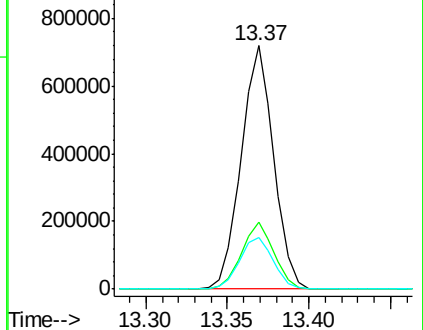
91 21.9 11.2 33.6

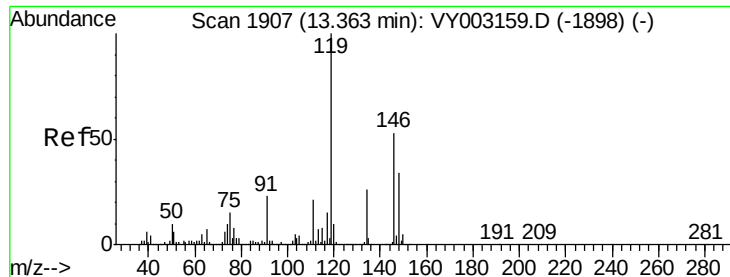


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

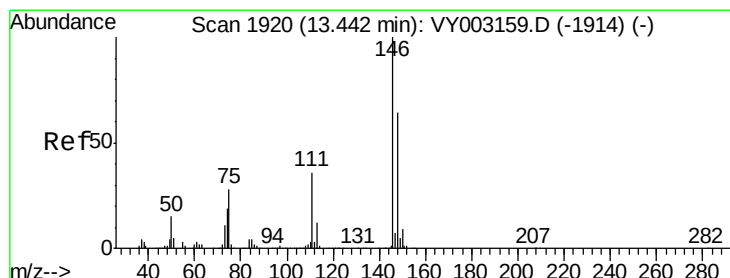
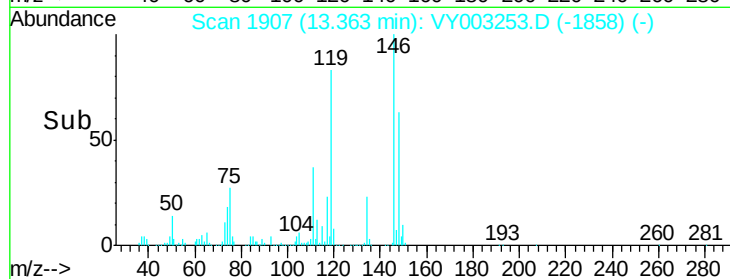
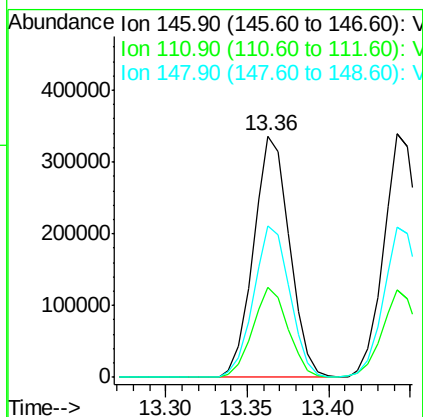
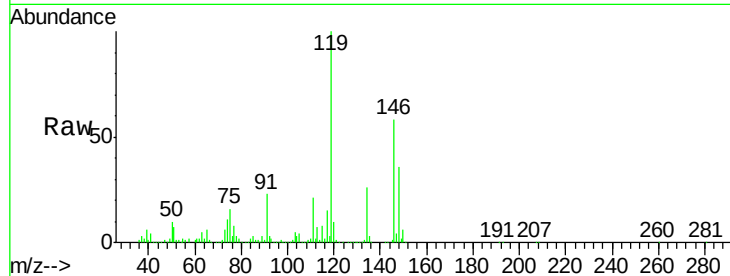




#87
 1,3-Dichlorobenzene
 Concen: 50.311 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

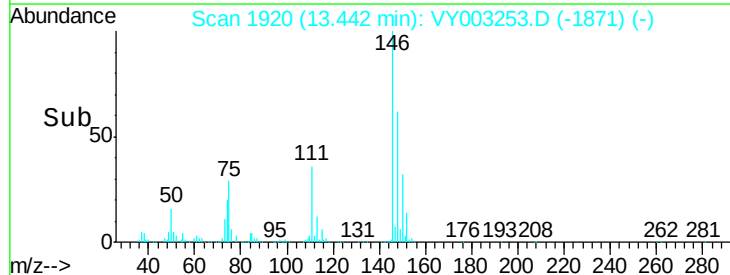
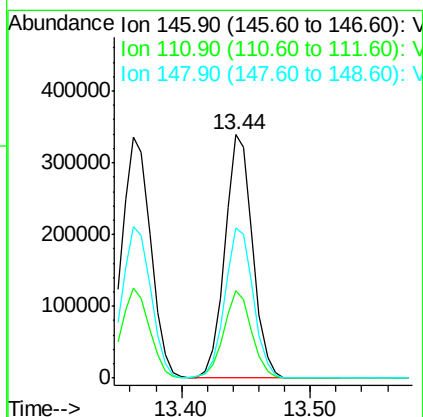
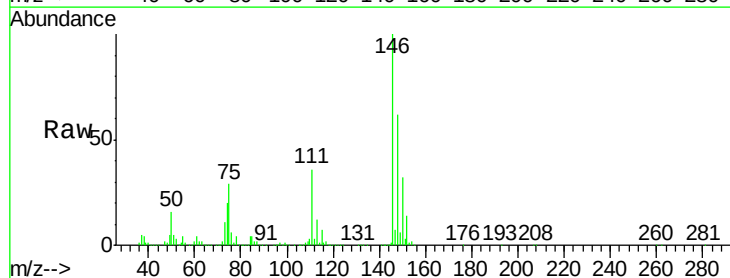
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

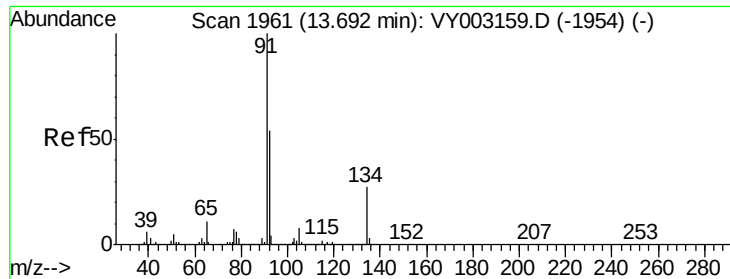
Tot Ion:146 Resp: 515276
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.8 56.3
 148 63.2 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 50.335 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:146 Resp: 510388
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.4 55.0
 148 63.2 32.0 96.0

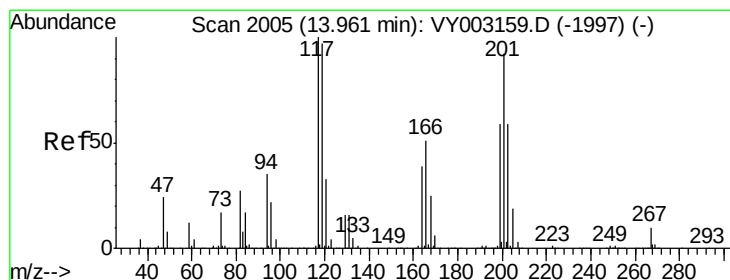
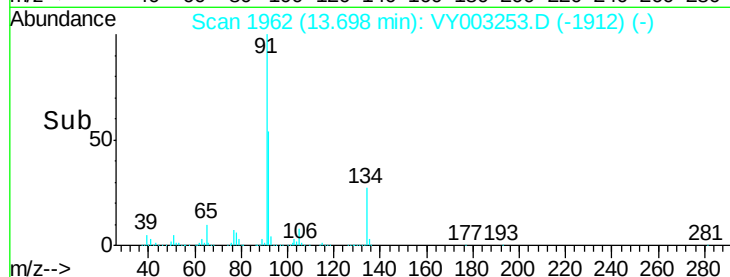
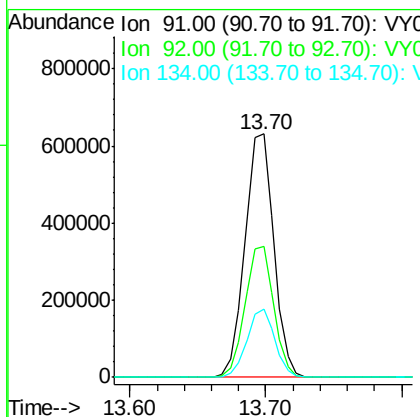
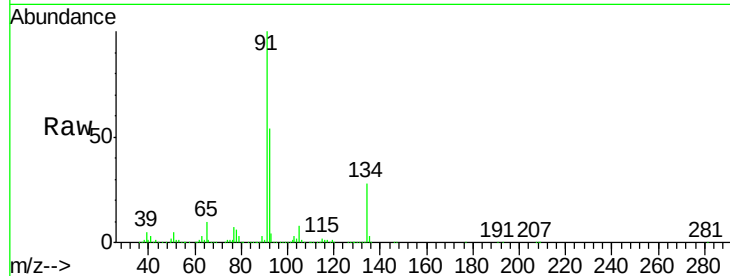




#89
n-Butylbenzene
Concen: 49.715 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

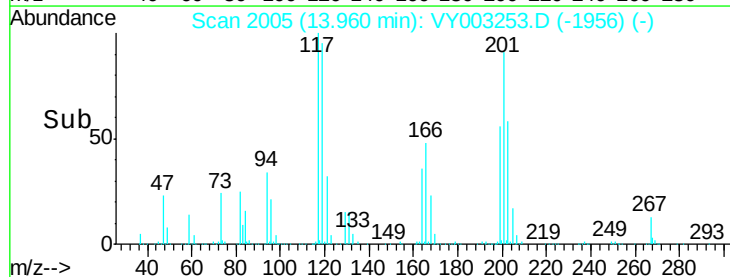
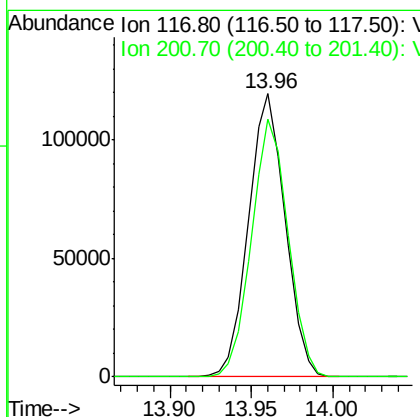
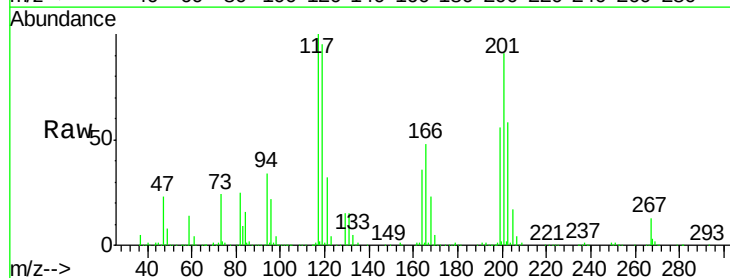
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

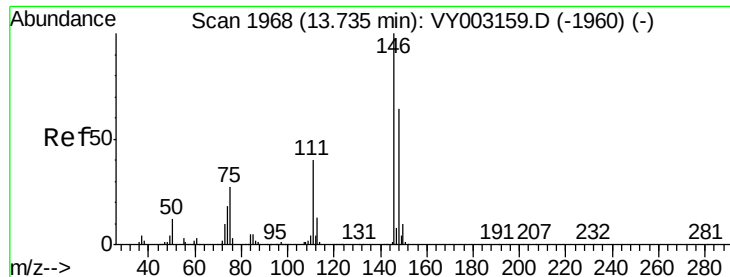
Tot Ion: 91 Resp: 937698
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 51.201 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003253.D
Acq: 21 Jul 2020 16:27

Tgt Ion: 117 Resp: 186971
Ion Ratio Lower Upper
117 100
201 90.9 45.1 135.3

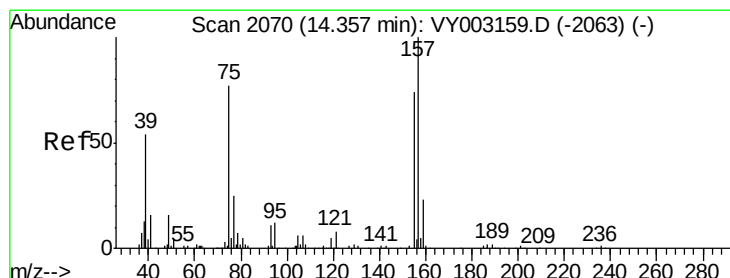
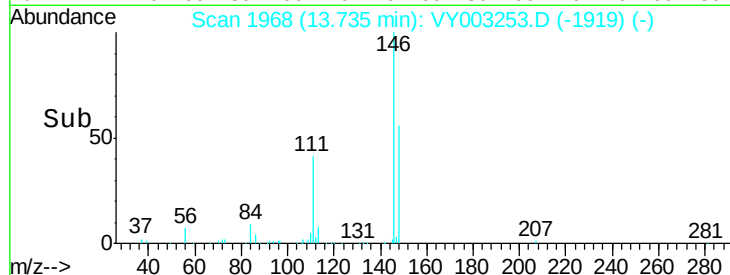
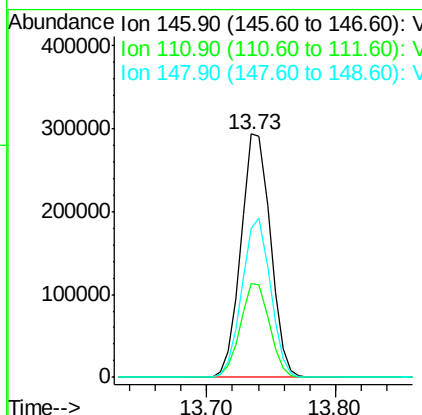
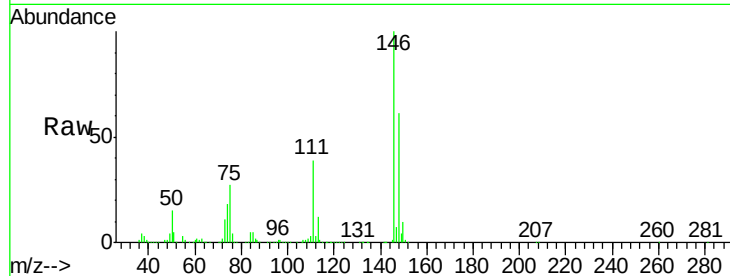




#91
 1,2-Dichlorobenzene
 Concen: 51.793 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

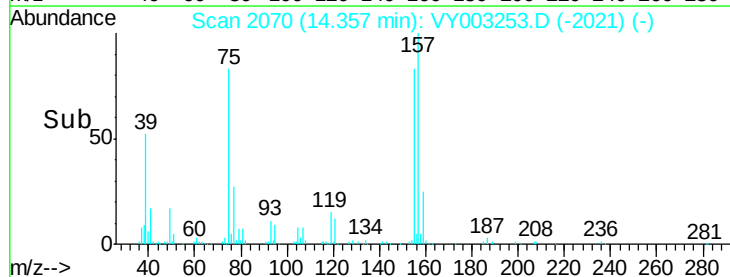
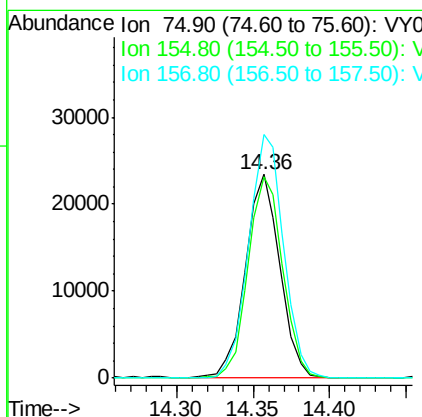
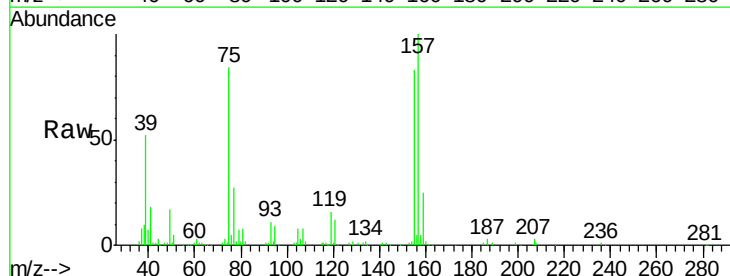
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

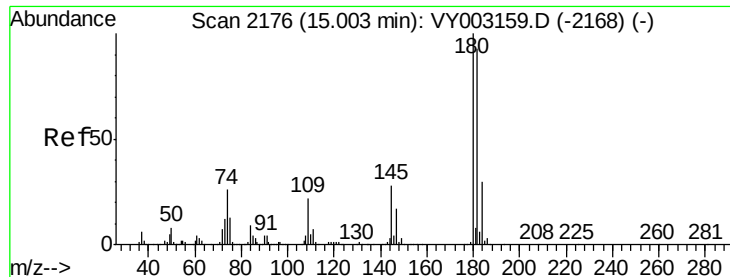
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.6	58.8
148	63.3	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.057 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	48.1	144.3
157	121.5	61.9	185.6

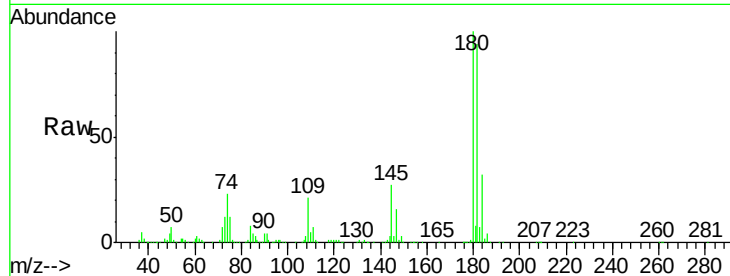




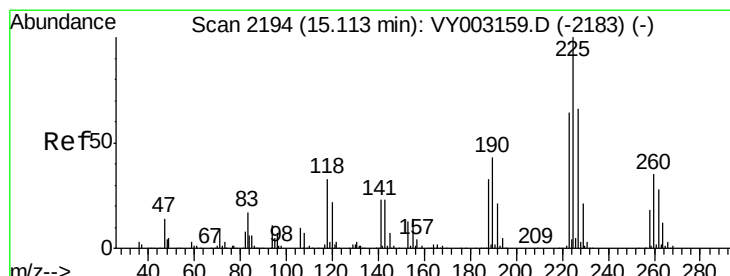
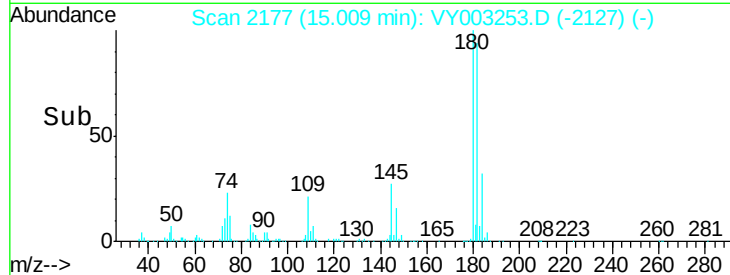
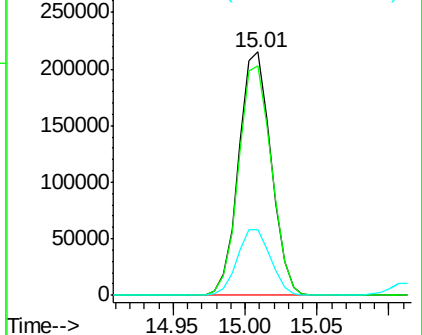
#93
 1,2,4-Trichlorobenzene
 Concen: 52.344 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 334690
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 142.0
 145 27.9 13.7 41.1

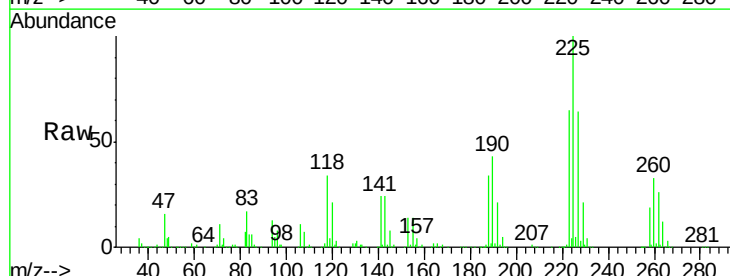


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

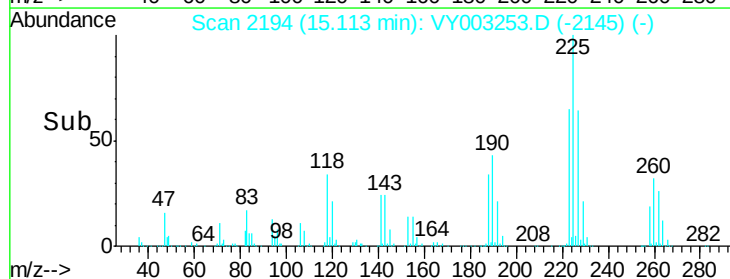
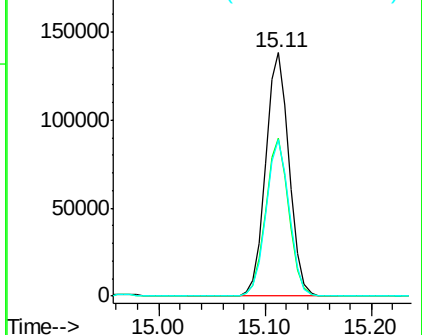


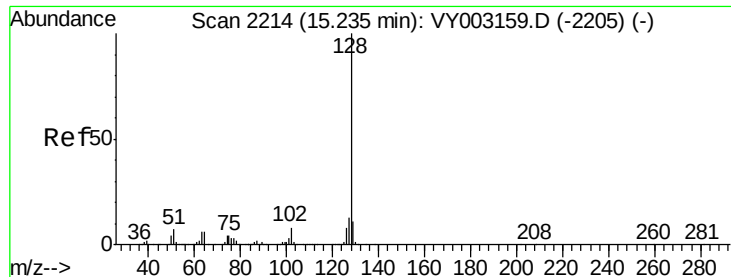
#94
 Hexachlorobutadiene
 Concen: 48.572 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003253.D
 Acq: 21 Jul 2020 16:27

Tgt Ion:225 Resp: 212809
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.6 94.7
 227 63.6 32.3 96.8



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





#95

Naphthalene

Concen: 59.871 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

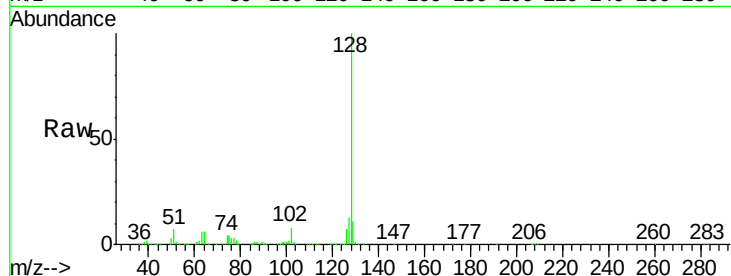
Tot Ion:128 Resp: 632667

Ion Ratio Lower Upper

128 100

127 13.2 10.9 16.3

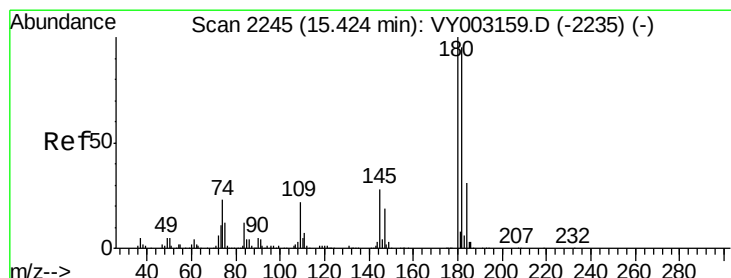
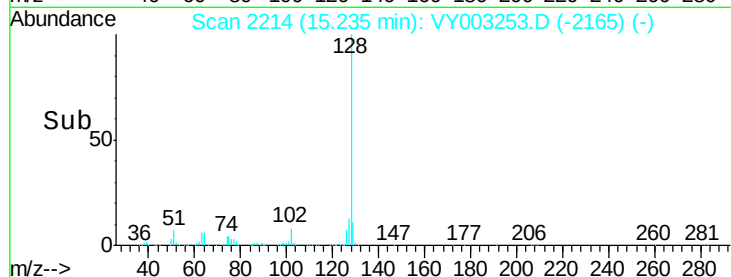
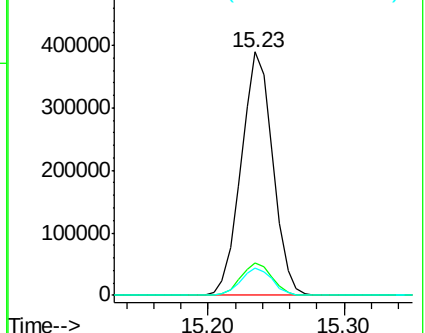
129 11.1 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 57.564 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003253.D

Acq: 21 Jul 2020 16:27

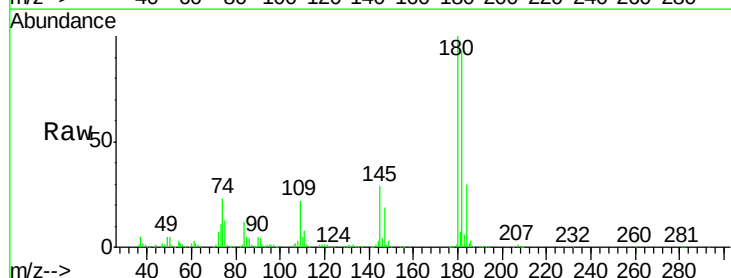
Tgt Ion:180 Resp: 290954

Ion Ratio Lower Upper

180 100

182 96.1 48.8 146.3

145 29.5 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

