

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070720\
 Data File : VY003117.D
 Acq On : 07 Jul 2020 10:53
 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 08 03:48:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	427883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	615152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	559755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	296640	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	198847	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
35) Dibromofluoromethane	7.72	113	193110	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.18	98	712358	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.48	95	251360	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	156064	48.161	ug/l	99
3) Chloromethane	2.12	50	207452	43.717	ug/l	97
4) Vinyl Chloride	2.26	62	233791	50.509	ug/l	98
5) Bromomethane	2.65	94	161045	51.243	ug/l	98
6) Chloroethane	2.80	64	151808	51.555	ug/l	98
7) Trichlorofluoromethane	3.13	101	337371	51.640	ug/l	98
8) Diethyl Ether	3.54	74	112735	50.335	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	205231	52.612	ug/l	98
10) Methyl Iodide	4.10	142	264183	54.616	ug/l	99
11) Tert butyl alcohol	4.96	59	101966	235.434	ug/l	99
12) 1,1-Dichloroethene	3.88	96	192886	51.969	ug/l	92
13) Acrolein	3.74	56	88209	226.768	ug/l	98
14) Allyl chloride	4.49	41	295081	45.535	ug/l	96
15) Acrylonitrile	5.17	53	277180	240.131	ug/l	99
16) Acetone	3.96	43	223160	222.650	ug/l	99
17) Carbon Disulfide	4.20	76	574185	48.420	ug/l	100
18) Methyl Acetate	4.48	43	124972	46.280	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	547541	50.610	ug/l	96
20) Methylene Chloride	4.72	84	219777	48.999	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	215367	51.299	ug/l	95
22) Diisopropyl ether	6.12	45	663872	47.798	ug/l	96
23) Vinyl Acetate	6.07	43	2213508	238.374	ug/l	98
24) 1,1-Dichloroethane	6.02	63	380438	50.143	ug/l	97
25) 2-Butanone	6.99	43	362169	227.472	ug/l	99
26) 2,2-Dichloropropane	6.99	77	347698	50.440	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	244981	52.025	ug/l	95
28) Bromochloromethane	7.34	49	160690	47.600	ug/l	90
29) Tetrahydrofuran	7.35	42	250057	236.174	ug/l	94
30) Chloroform	7.52	83	390894	52.006	ug/l	99
31) Cyclohexane	7.79	56	340383	45.540	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	350876	51.141	ug/l	100
36) 1,1-Dichloropropene	7.93	75	306924	51.798	ug/l	98
37) Ethyl Acetate	7.08	43	168533	47.305	ug/l	97
38) Carbon Tetrachloride	7.91	117	320121	51.926	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	379758	51.691	ug/l	98
40) Benzene	8.16	78	843347	51.987	ug/l	99
41) Methacrylonitrile	7.35	41	231168	121.469	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	256801	50.040	ug/l	100
43) Isopropyl Acetate	8.28	43	328864	48.556	ug/l	97
44) Trichloroethene	8.94	130	258609	54.848	ug/l	99
45) 1,2-Dichloropropane	9.22	63	220315	50.481	ug/l	96
46) Dibromomethane	9.31	93	127160	52.167	ug/l	98
47) Bromodichloromethane	9.50	83	310353	51.997	ug/l	100
48) Methyl methacrylate	9.30	41	145954	47.345	ug/l	94
49) 1,4-Dioxane	9.30	88	33134	1113.550	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	860074	245.695	ug/l	97
52) Toluene	10.24	92	535515	52.440	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	323933	51.765	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	368157	51.442	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	181694	53.641	ug/l	97
56) Ethyl methacrylate	10.51	69	258438	52.708	ug/l	96
57) 1,3-Dichloropropane	10.79	76	308456	51.874	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	634632	252.369	ug/l	97
59) 2-Hexanone	10.83	43	591202	241.625	ug/l	98
60) Dibromochloromethane	10.99	129	229965	53.052	ug/l	100
61) 1,2-Dibromoethane	11.09	107	175545	52.569	ug/l	100
64) Tetrachloroethene	10.72	164	271593	57.329	ug/l	98
65) Chlorobenzene	11.52	112	592589	53.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	235610	54.676	ug/l	99
67) Ethyl Benzene	11.60	91	1076557	53.316	ug/l	99
68) m/p-Xylenes	11.70	106	801499	106.652	ug/l	100
69) o-Xylene	12.03	106	383611	54.170	ug/l	96
70) Styrene	12.05	104	656164	54.236	ug/l	98
71) Bromoform	12.21	173	157298	54.743	ug/l	99
73) Isopropylbenzene	12.33	105	1046190	53.889	ug/l	100
74) N-amyl acetate	12.14	43	311997	49.366	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	201585	51.454	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	286529	97.597	ug/l #	100
77) Bromobenzene	12.61	156	264811	53.200	ug/l	96
78) n-propylbenzene	12.67	91	1249576	53.520	ug/l	99
79) 2-Chlorotoluene	12.76	91	690143	52.957	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	875818	53.761	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	78189	51.816	ug/l #	73
82) 4-Chlorotoluene	12.86	91	722882	53.276	ug/l	98
83) tert-Butylbenzene	13.08	119	765784	53.534	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	874303	53.260	ug/l	99
85) sec-Butylbenzene	13.25	105	1072632	54.402	ug/l	100
86) p-Isopropyltoluene	13.37	119	998834	54.671	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	505576	54.403	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	496462	54.177	ug/l	99
89) n-Butylbenzene	13.70	91	951605	54.438	ug/l	99
90) Hexachloroethane	13.96	117	188482	51.954	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	445974	53.487	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36067	52.004	ug/l	98

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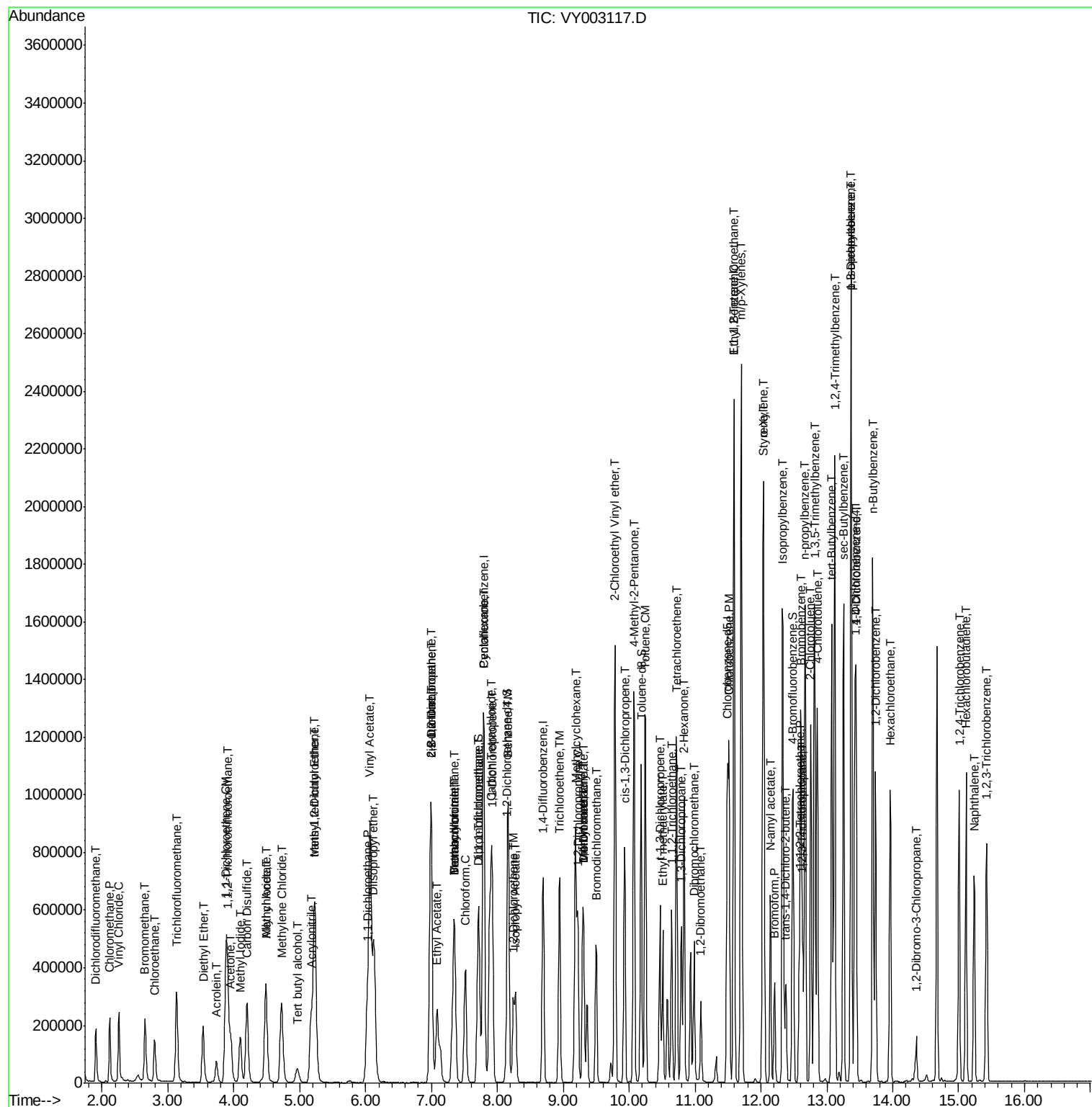
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	330632	53.365	ug/l	99
94) Hexachlorobutadiene	15.11	225	213901	54.734	ug/l	98
95) Naphthalene	15.23	128	592064	52.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	280306	52.102	ug/l	100

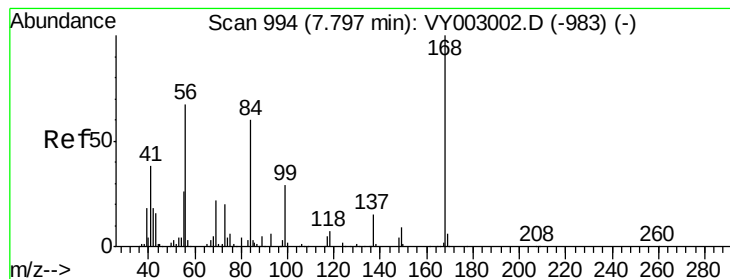
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

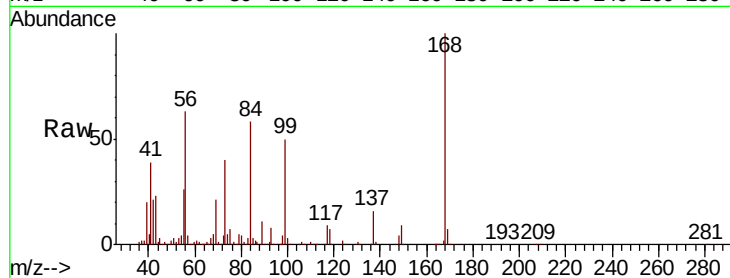
VSTDCCC050

Tot Ion:168 Resp: 427883

Ion Ratio Lower Upper

168 100

99 49.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003117.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003117.D (-945) (-)

7.80

200000

150000

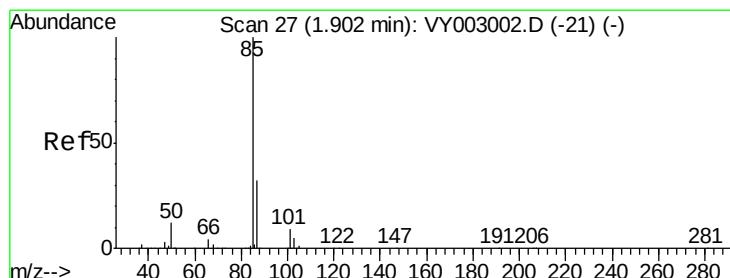
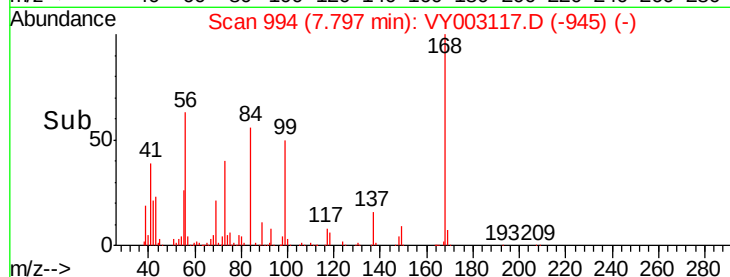
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 48.161 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003117.D

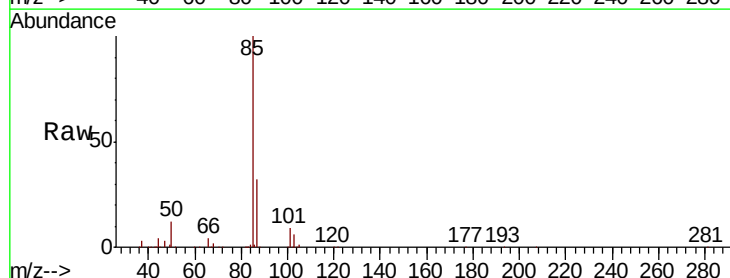
Acq: 07 Jul 2020 10:53

Tgt Ion: 85 Resp: 156064

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003117.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003117.D (-1) (-)

1.91

120000

100000

80000

60000

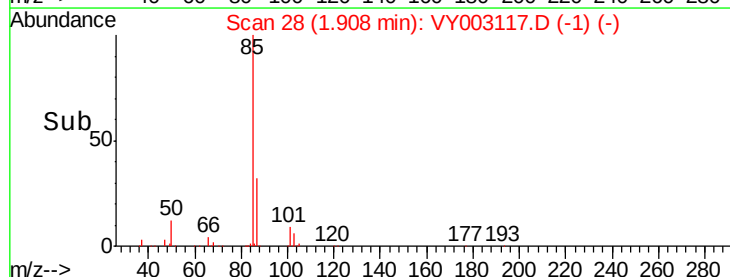
40000

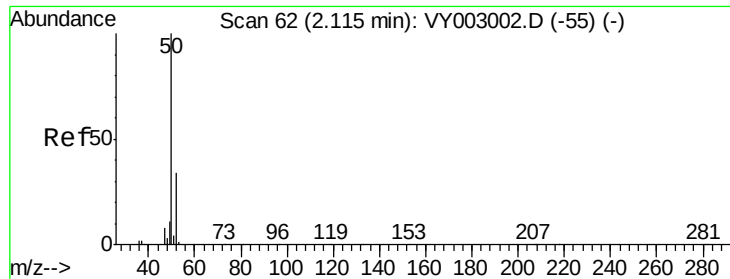
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 43.717 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

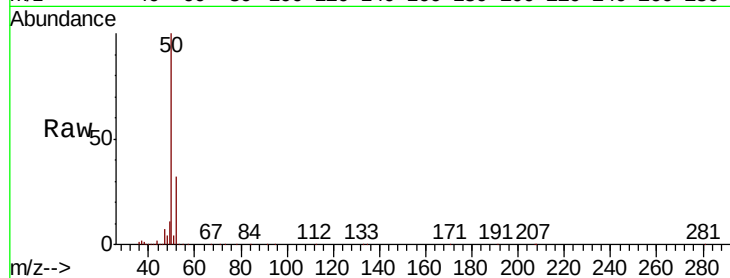
VSTDCCC050

Tot Ion: 50 Resp: 207452

Ion Ratio Lower Upper

50 100

52 32.2 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

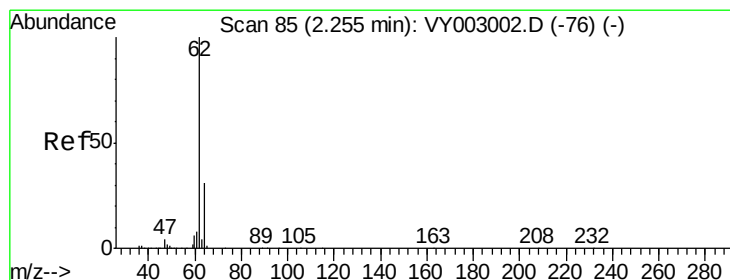
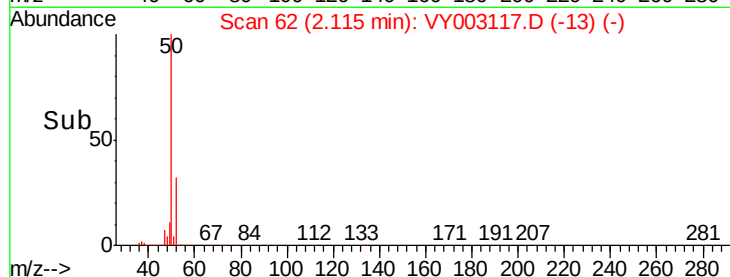
150000

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 50.509 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003117.D

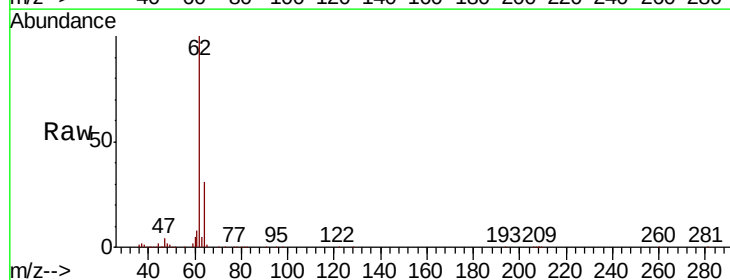
Acq: 07 Jul 2020 10:53

Tgt Ion: 62 Resp: 233791

Ion Ratio Lower Upper

62 100

64 31.4 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

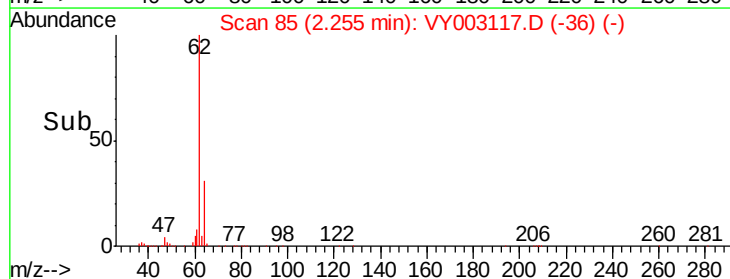
150000

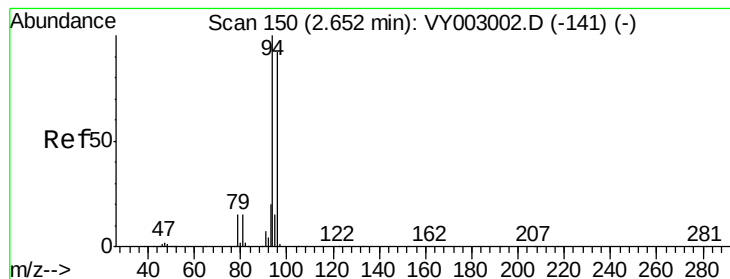
100000

50000

0

Time--> 2.10 2.20 2.30 2.40 2.50





#5

Bromomethane

Concen: 51.243 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

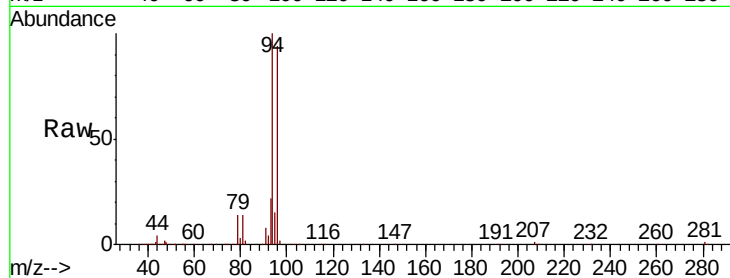
VSTDCCC050

Tot Ion: 94 Resp: 161045

Ion Ratio Lower Upper

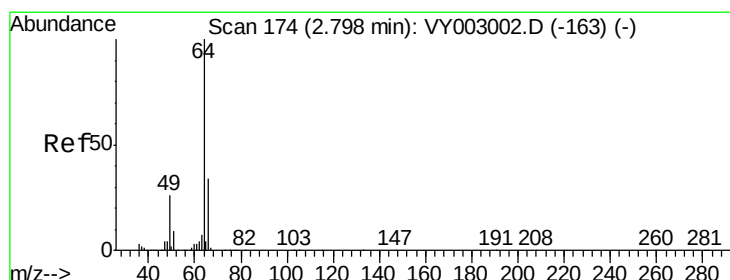
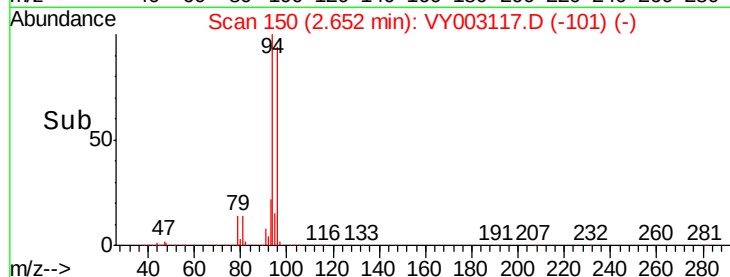
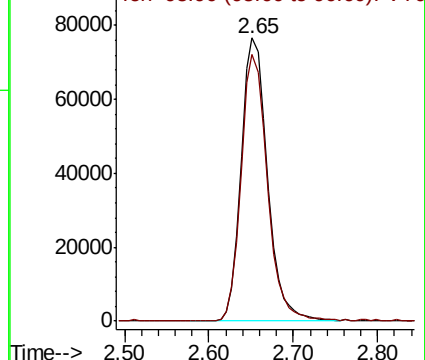
94 100

96 94.0 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 51.555 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003117.D

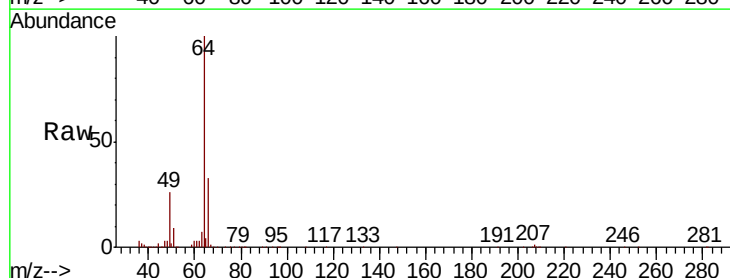
Acq: 07 Jul 2020 10:53

Tgt Ion: 64 Resp: 151808

Ion Ratio Lower Upper

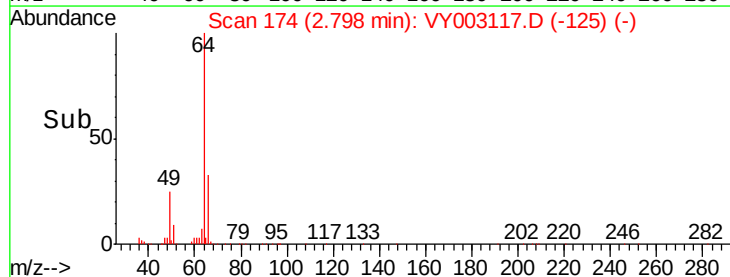
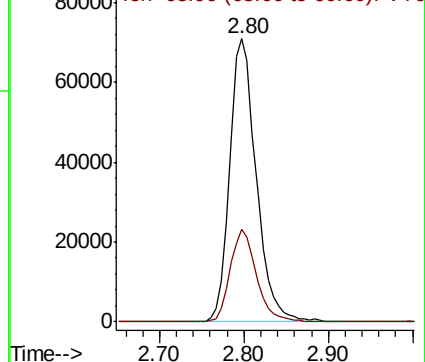
64 100

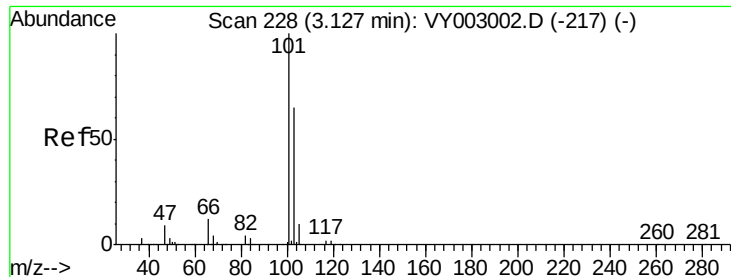
66 32.7 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



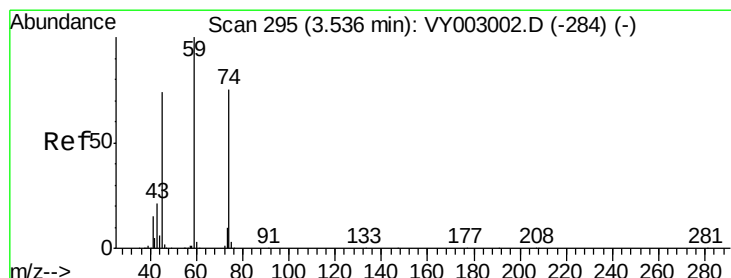
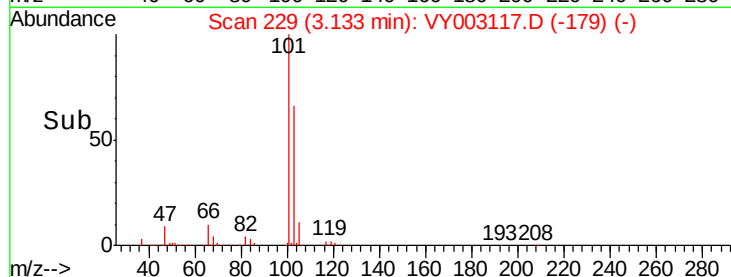
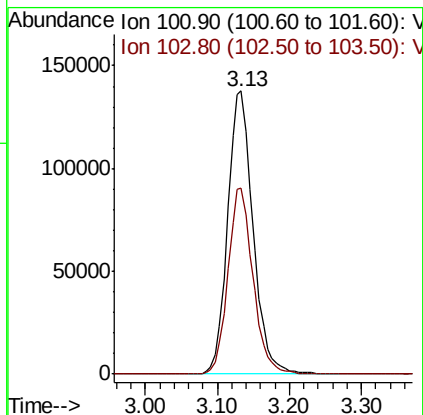
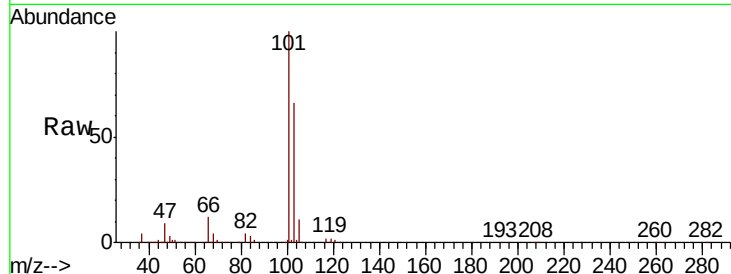


#7

Trichlorofluoromethane
 Concen: 51.640 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Instrument :
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 ClientSampleId :
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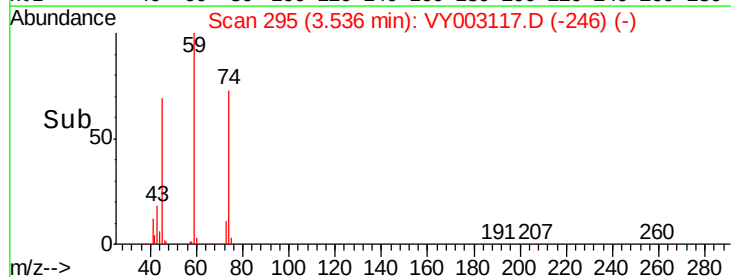
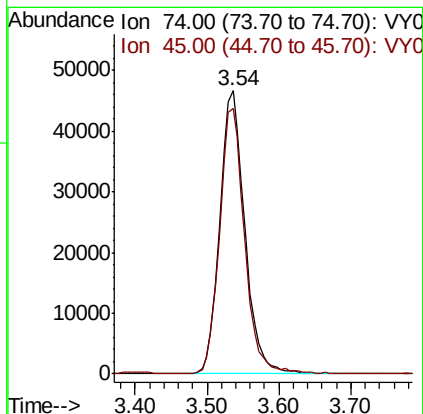
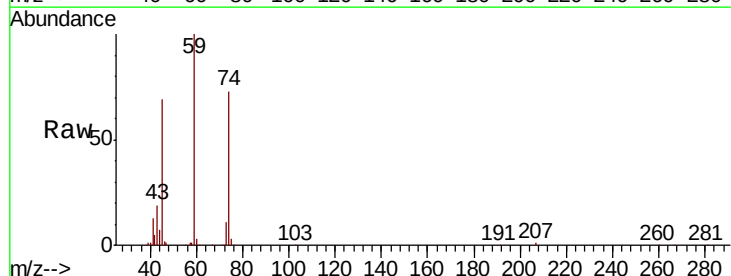
Tot Ion:101 Resp: 337371
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.6 77.4

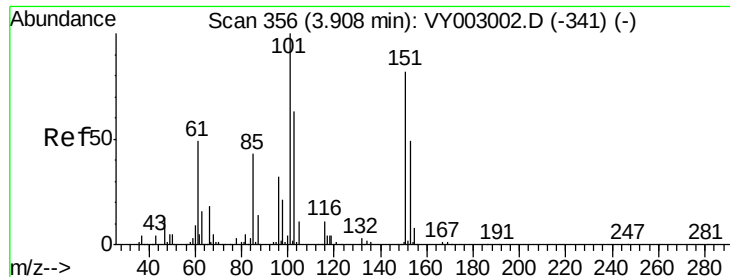


#8

Diethyl Ether
 Concen: 50.335 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion: 74 Resp: 112735
 Ion Ratio Lower Upper
 74 100
 45 94.3 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.612 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

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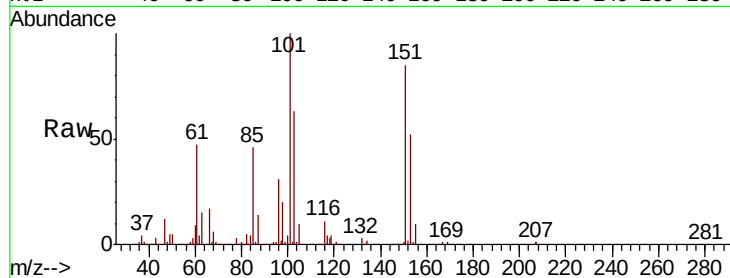
Tot Ion:101 Resp: 205231

Ion Ratio Lower Upper

101 100

85 44.4 35.5 53.3

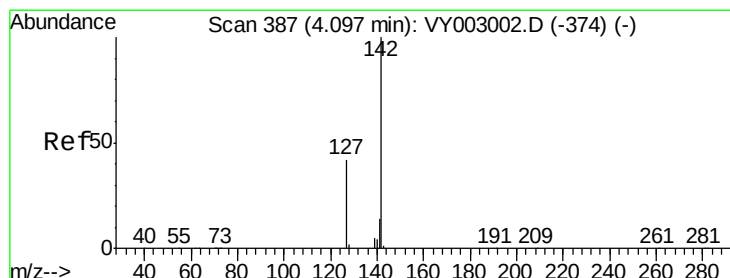
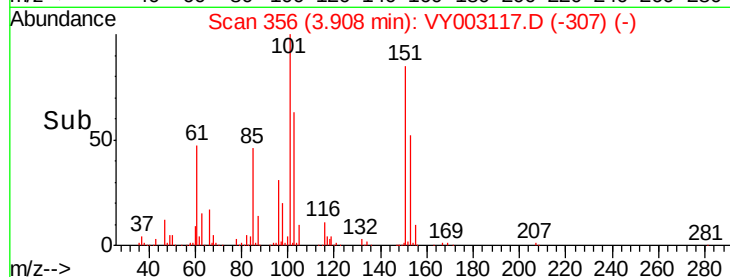
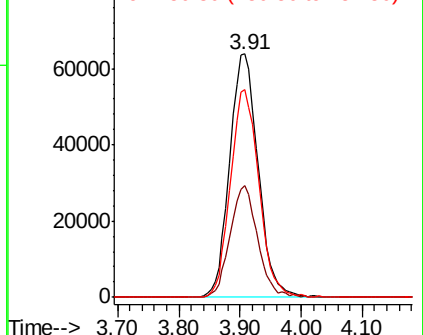
151 84.9 65.5 98.3



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: 54.616 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

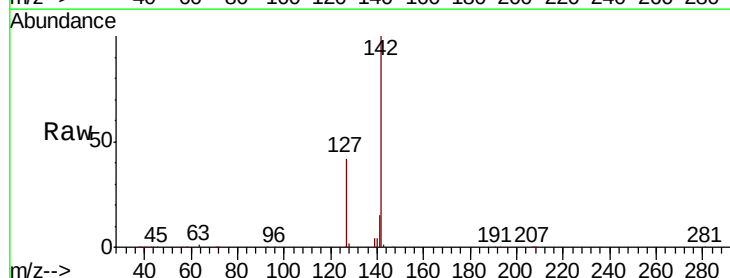
Tgt Ion:142 Resp: 264183

Ion Ratio Lower Upper

142 100

127 42.0 34.2 51.2

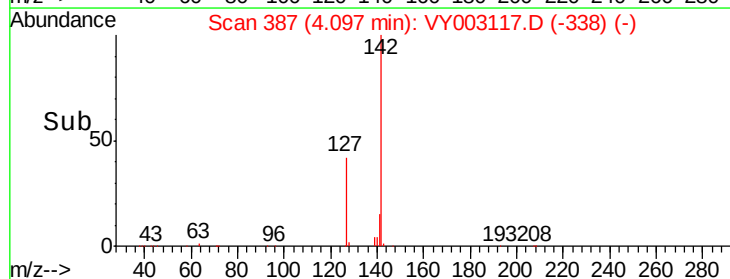
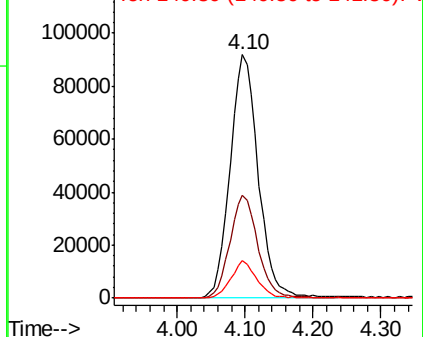
141 14.2 11.7 17.5

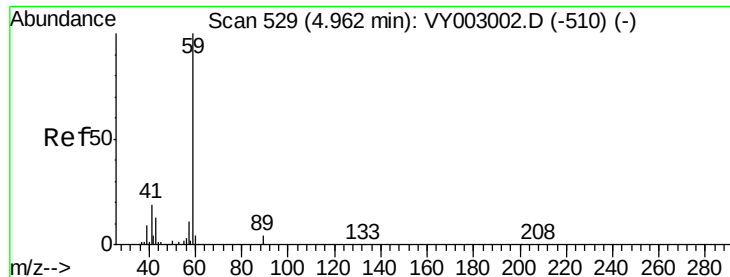


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



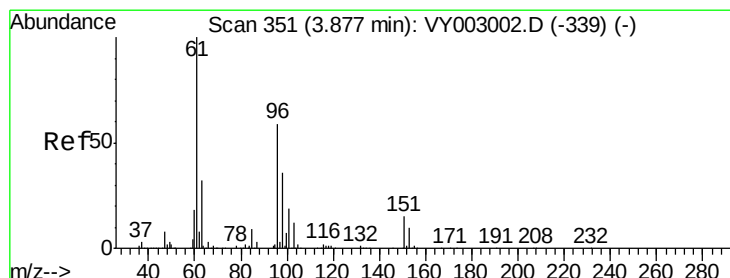
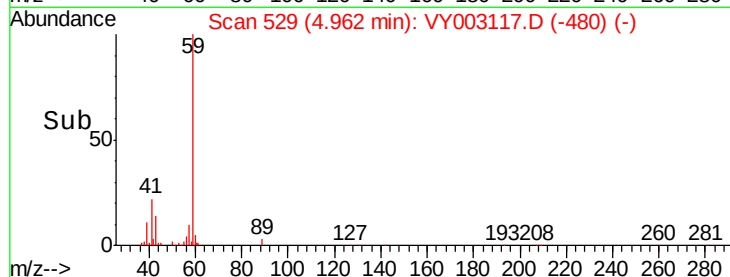
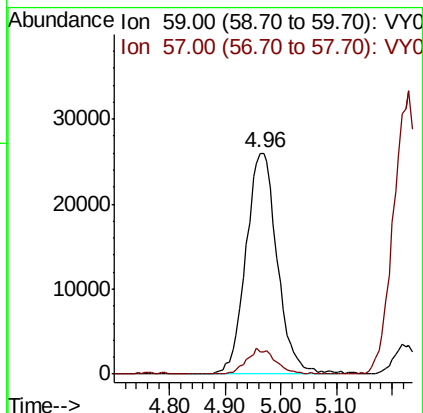
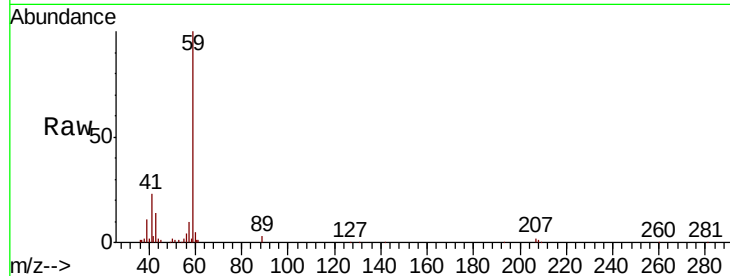


#11

Tert butyl alcohol
 Concen: 235.434 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

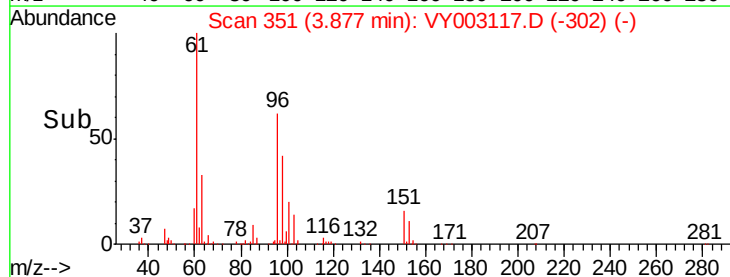
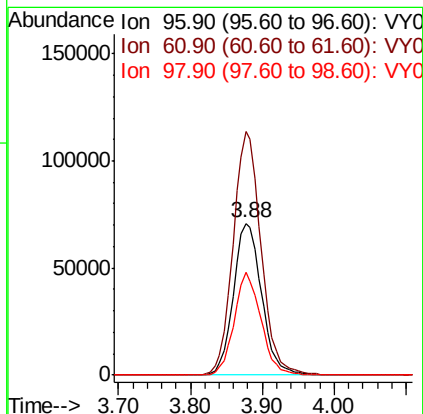
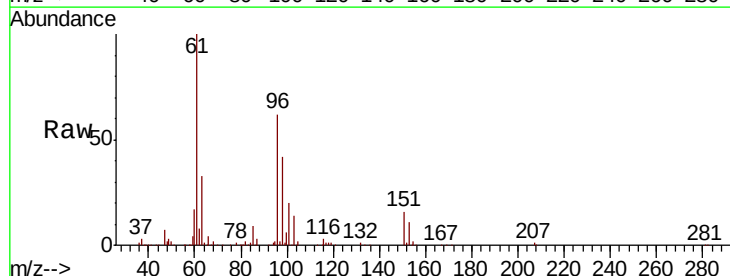
Tot Ion: 59 Resp: 101966
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.0 12.0

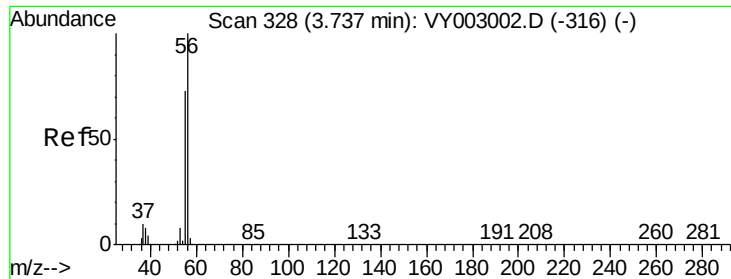


#12

1,1-Dichloroethene
 Concen: 51.969 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion: 96 Resp: 192886
 Ion Ratio Lower Upper
 96 100
 61 160.6 136.7 205.1
 98 68.0 49.7 74.5

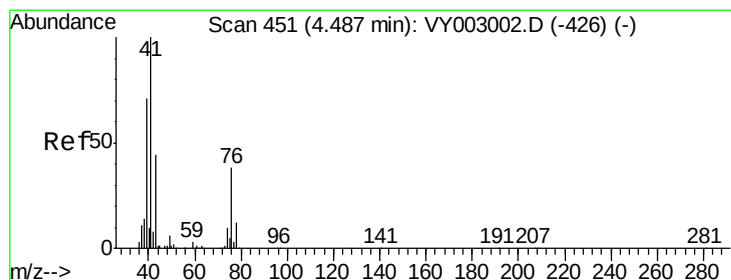
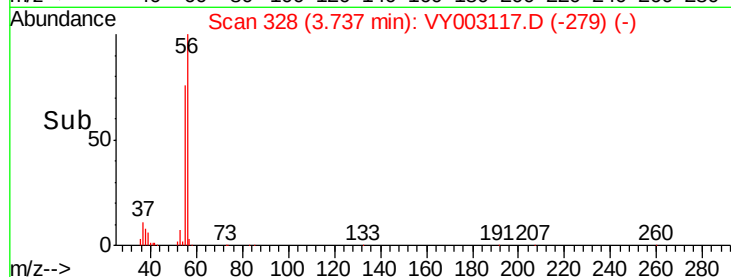
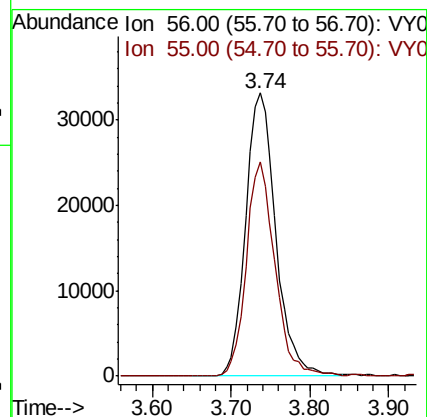
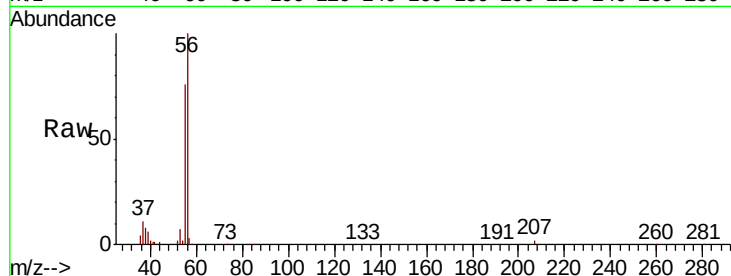




#13
 Acrolein
 Concen: 226.768 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

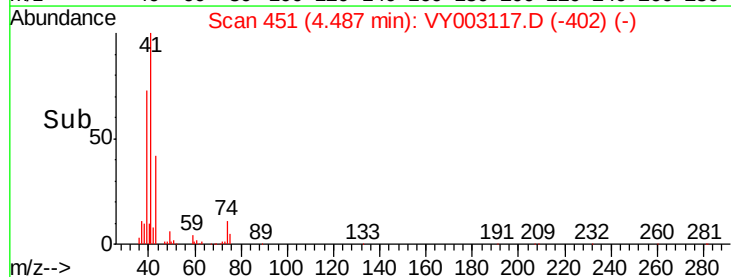
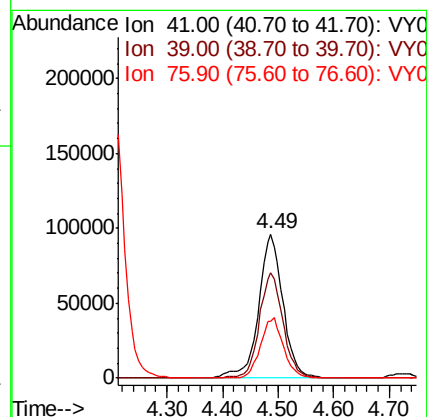
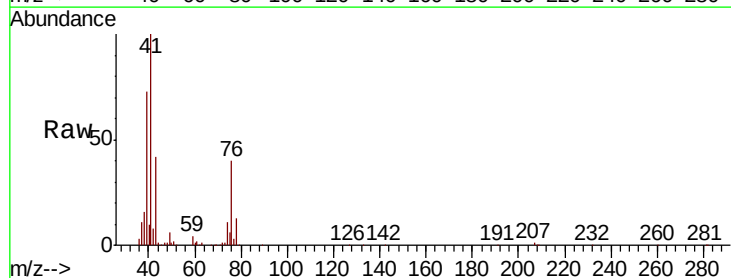
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

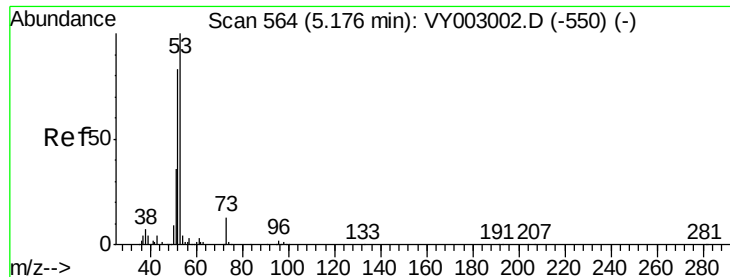
Tot Ion: 56 Resp: 88209
 Ion Ratio Lower Upper
 56 100
 55 71.9 56.4 84.6



#14
 Allyl chloride
 Concen: 45.535 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion: 41 Resp: 295081
 Ion Ratio Lower Upper
 41 100
 39 71.3 55.6 83.4
 76 39.6 28.6 43.0





#15

Acrylonitrile

Concen: 240.131 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

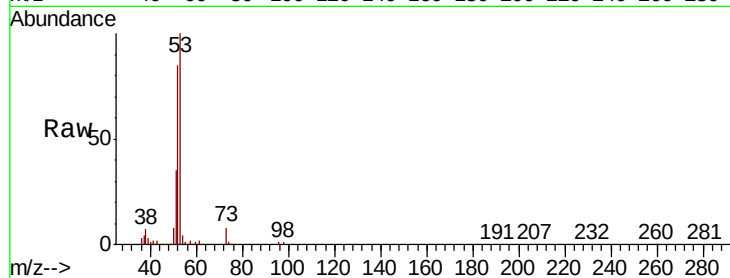
Tot Ion: 53 Resp: 277180

Ion Ratio Lower Upper

53 100

52 83.9 66.2 99.2

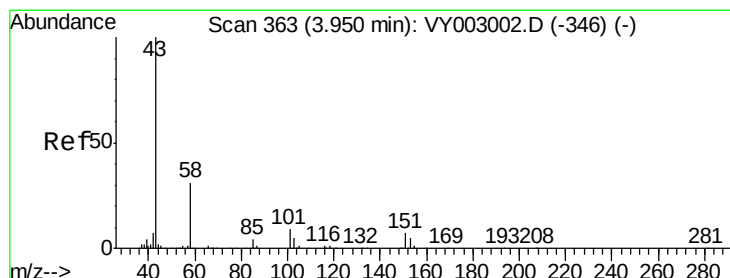
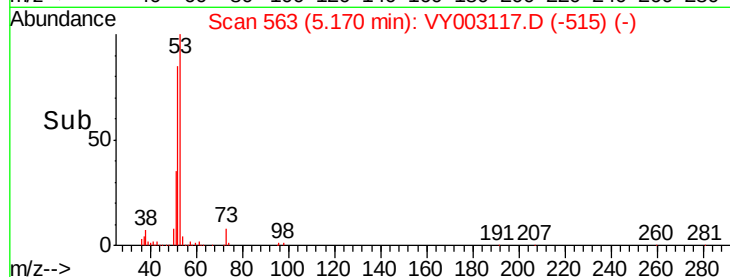
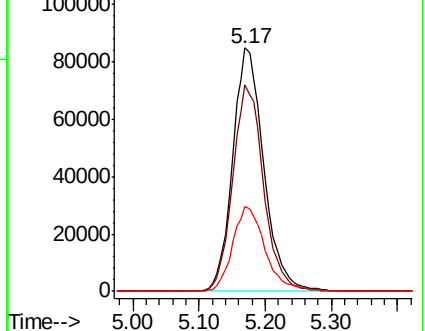
51 36.4 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 222.650 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003117.D

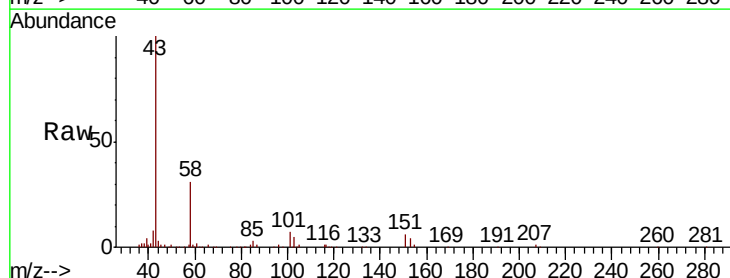
Acq: 07 Jul 2020 10:53

Tgt Ion: 43 Resp: 223160

Ion Ratio Lower Upper

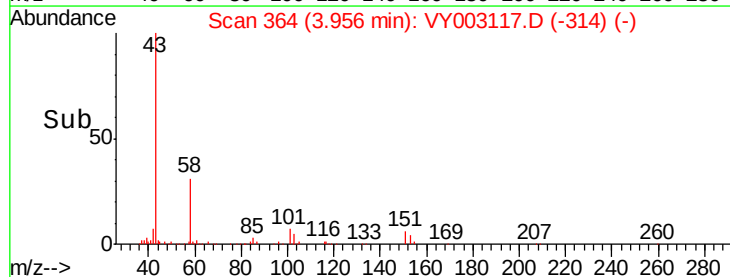
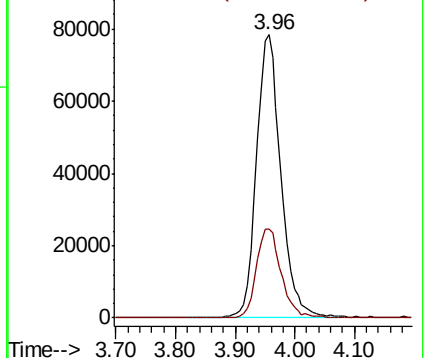
43 100

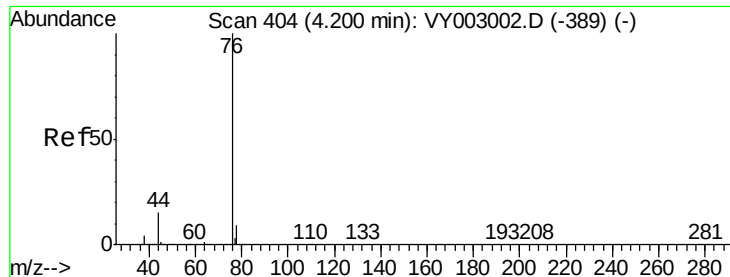
58 31.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

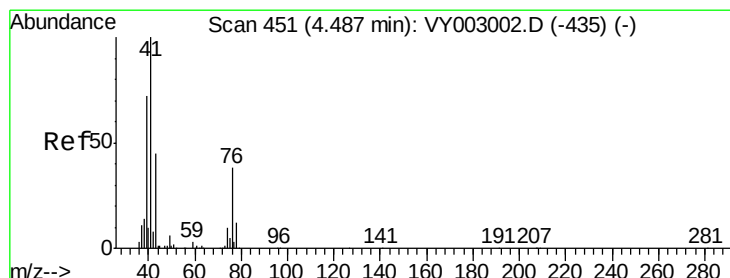
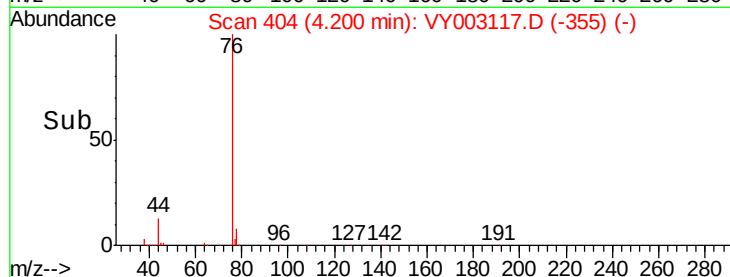
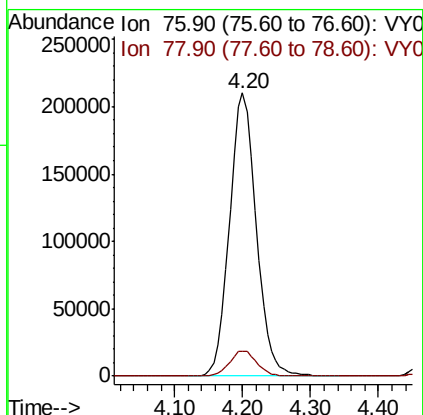
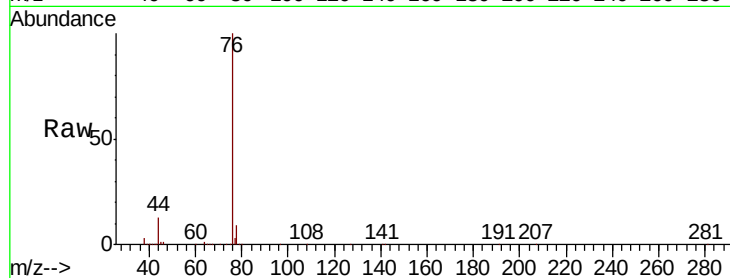




#17
Carbon Disulfide
Concen: 48.420 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

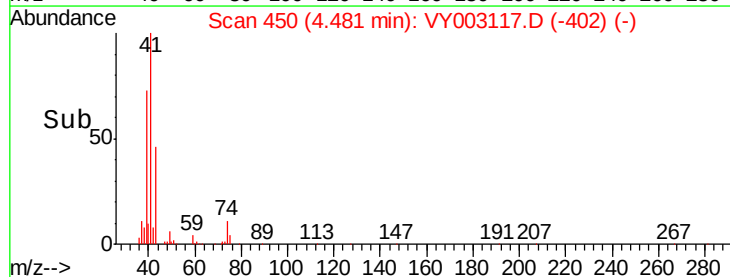
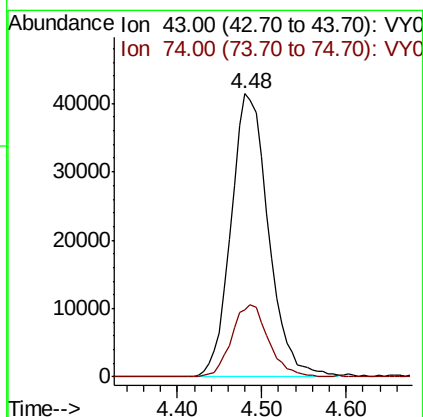
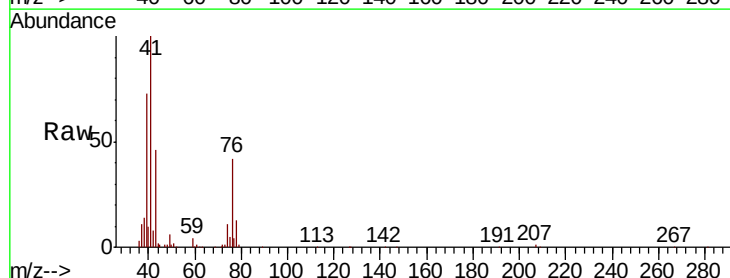
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

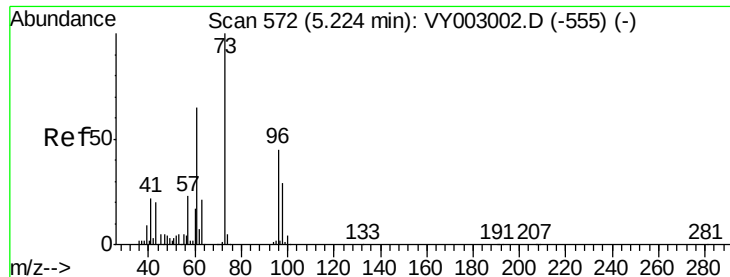
Tot Ion: 76 Resp: 574185
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 46.280 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 43 Resp: 124972
Ion Ratio Lower Upper
43 100
74 24.9 18.2 27.4

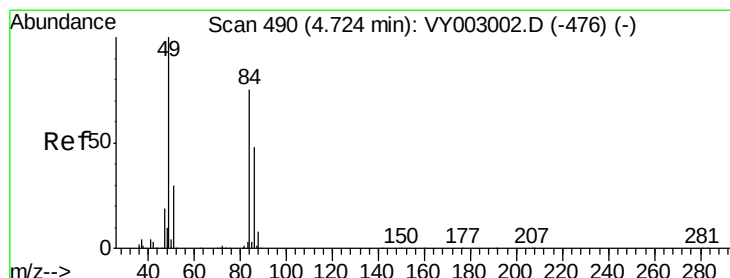
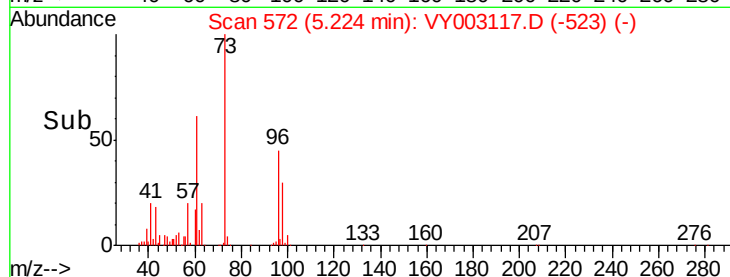
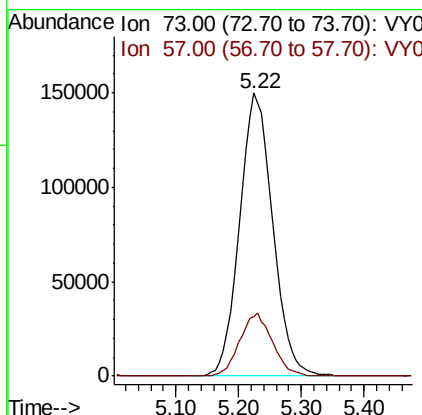
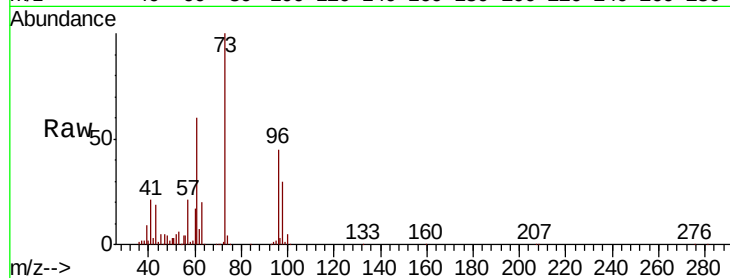




#19
Methyl tert-butyl Ether
Concen: 50.610 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

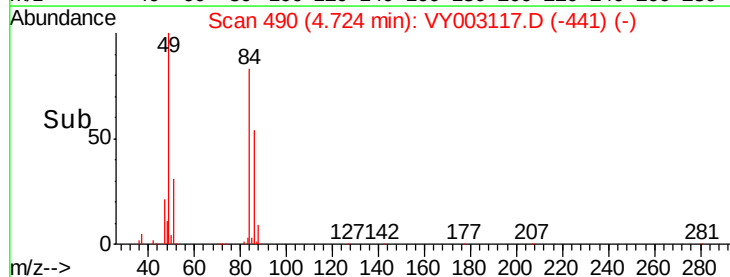
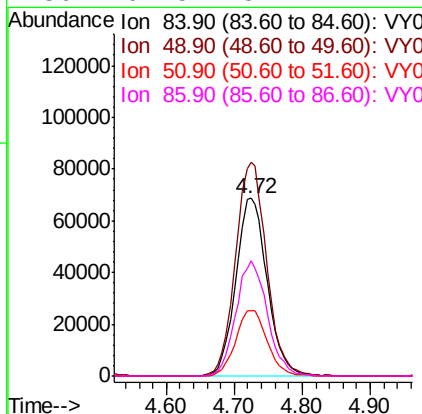
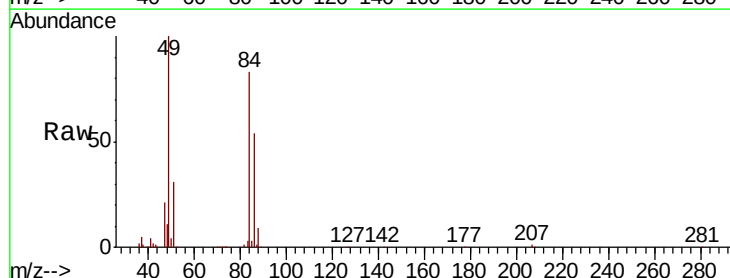
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

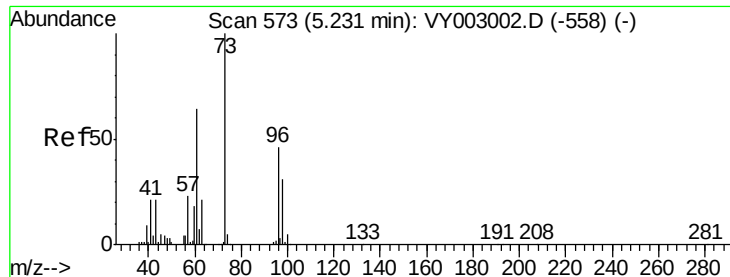
Tot Ion: 73 Resp: 547541
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.2



#20
Methylene Chloride
Concen: 48.999 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 84 Resp: 219777
Ion Ratio Lower Upper
84 100
49 120.1 106.8 160.2
51 36.7 32.0 48.0
86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 51.299 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

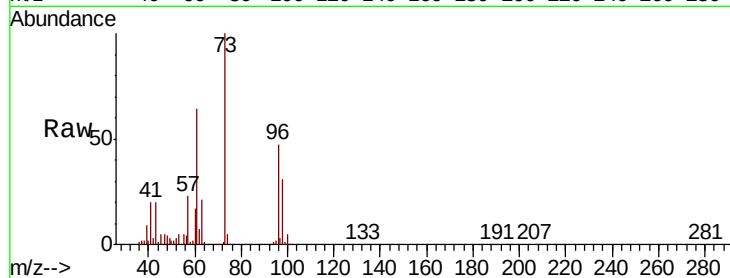
Tot Ion: 96 Resp: 215367

Ion Ratio Lower Upper

96 100

61 133.9 112.3 168.5

98 64.9 53.8 80.8

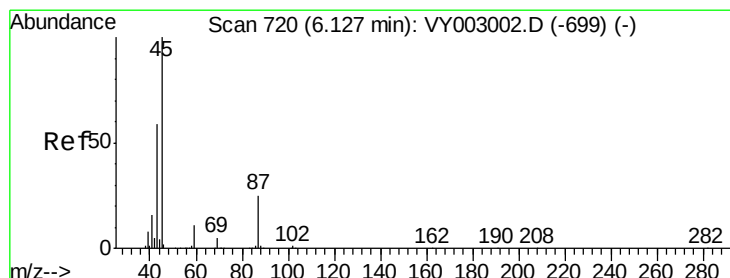
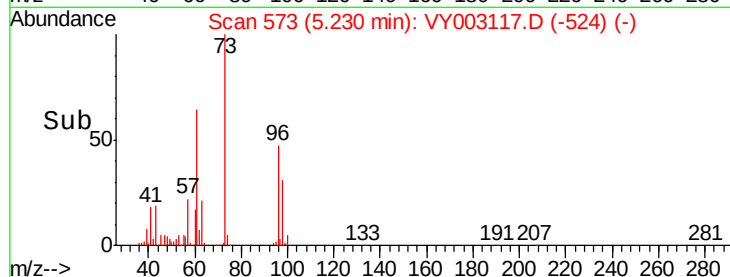
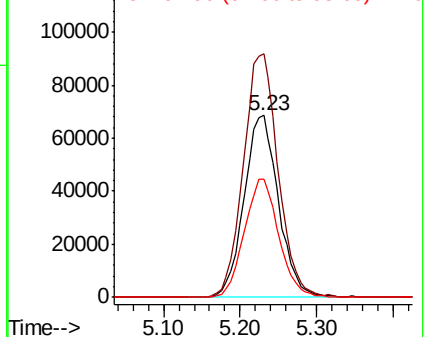


Abundance

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: 47.798 ug/l

RT: 6.12 min Scan# 719

Delta R.T. -0.01 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Tgt Ion: 45 Resp: 663872

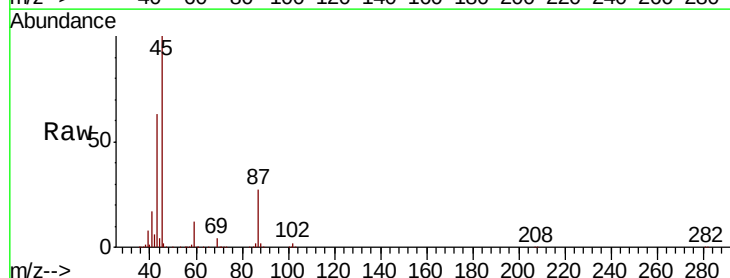
Ion Ratio Lower Upper

45 100

43 62.7 47.4 71.2

87 27.5 20.2 30.2

59 12.1 9.2 13.8



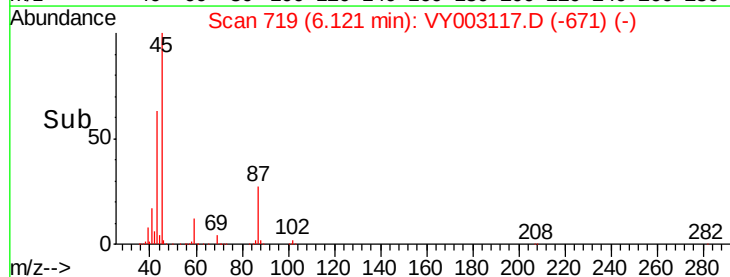
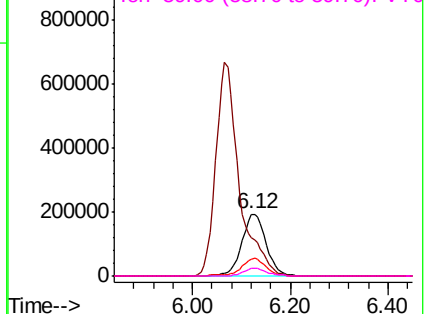
Abundance

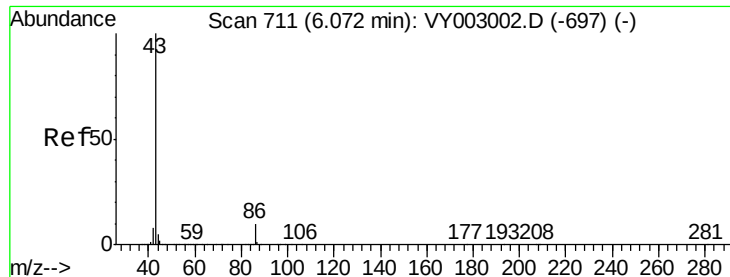
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 238.374 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

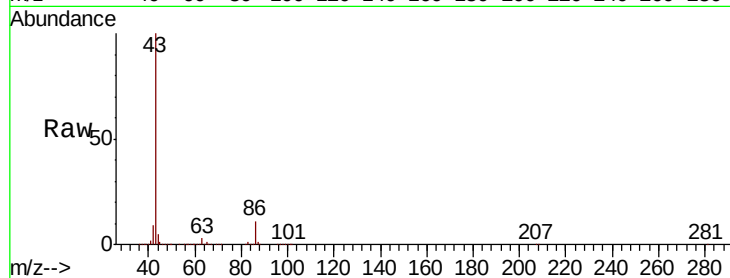
VSTDCCC050

Tot Ion: 43 Resp: 2213508

Ion Ratio Lower Upper

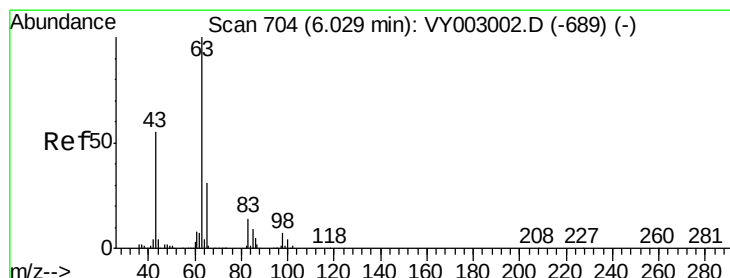
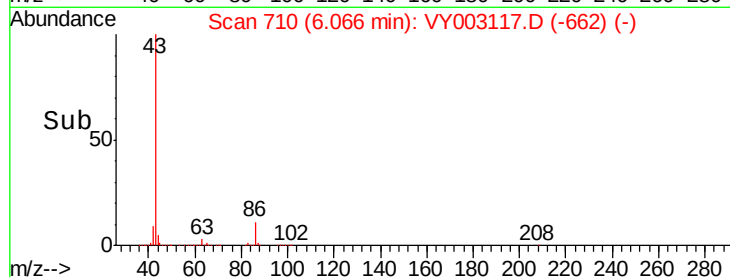
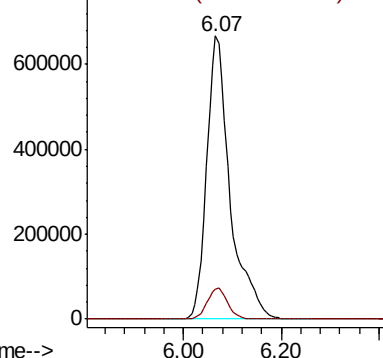
43 100

86 10.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 50.143 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

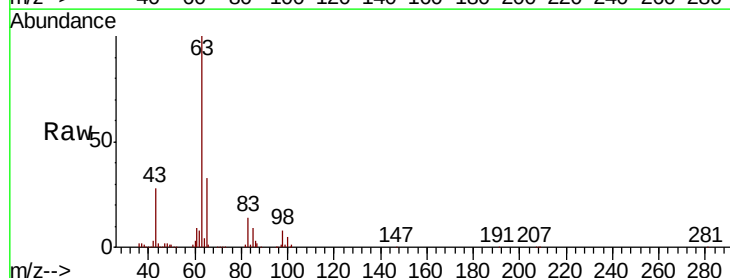
Tgt Ion: 63 Resp: 380438

Ion Ratio Lower Upper

63 100

98 7.9 3.4 10.1

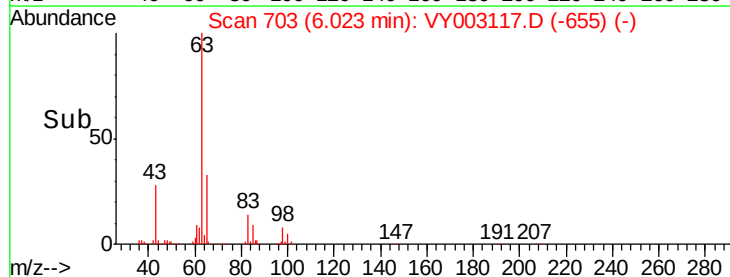
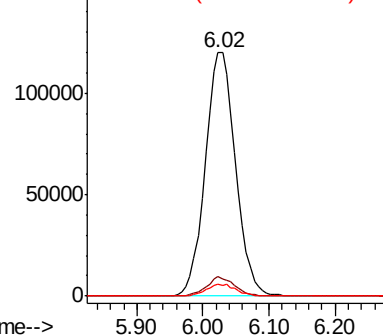
100 5.0 2.3 6.8

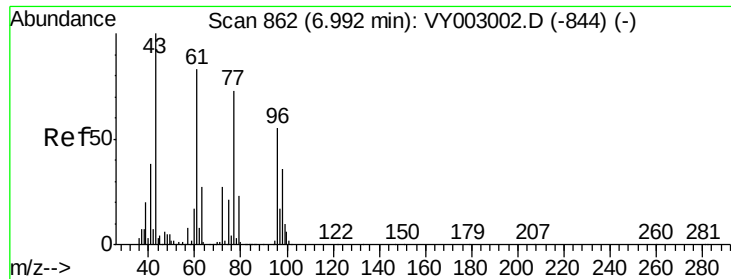


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 227.472 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

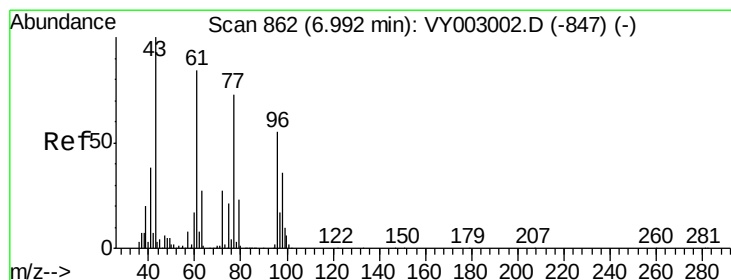
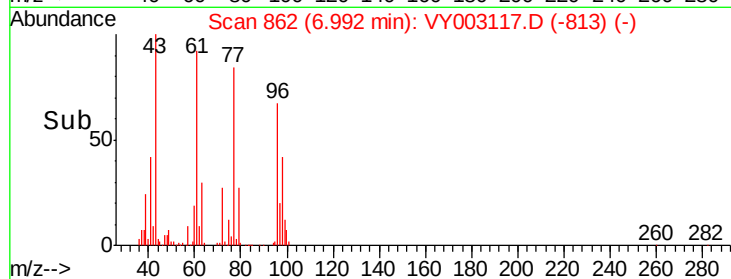
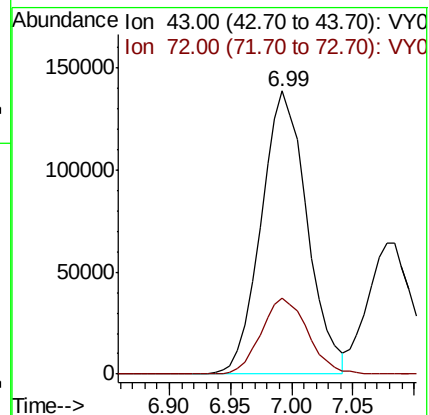
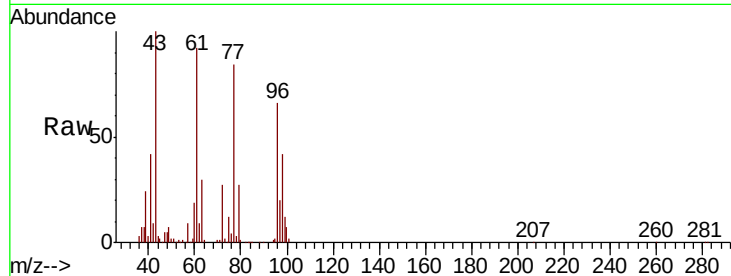
VSTDCCC050

Tot Ion: 43 Resp: 362169

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.0



#26

2,2-Dichloropropane

Concen: 50.440 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003117.D

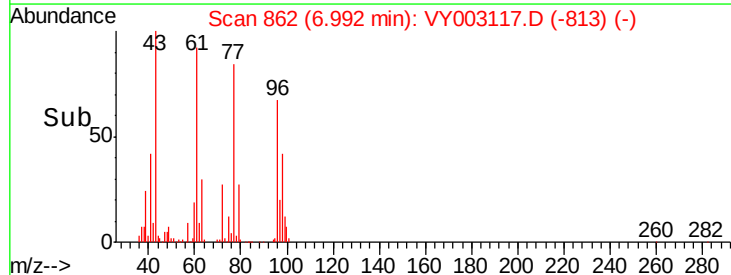
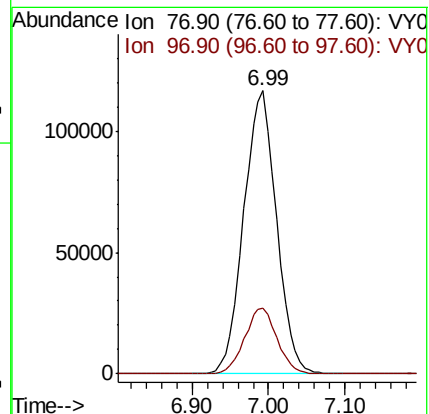
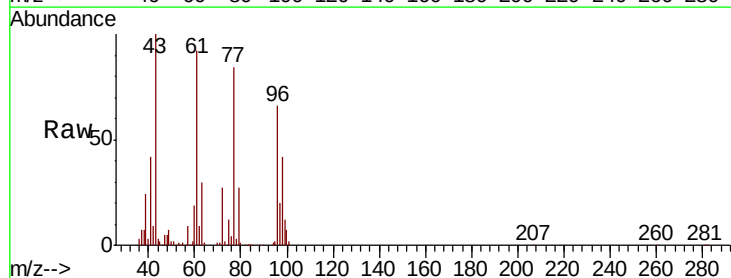
Acq: 07 Jul 2020 10:53

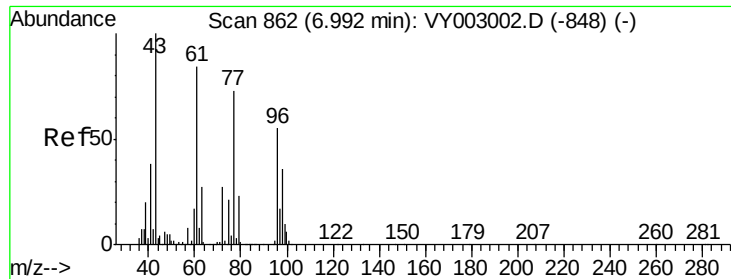
Tgt Ion: 77 Resp: 347698

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9



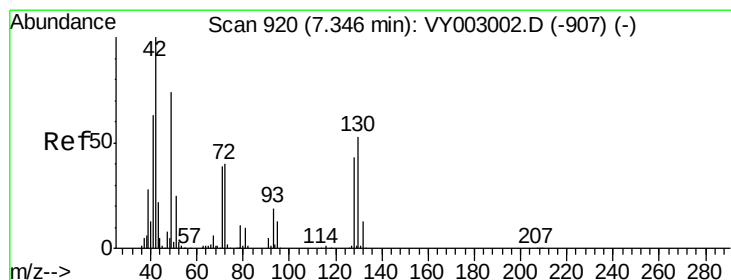
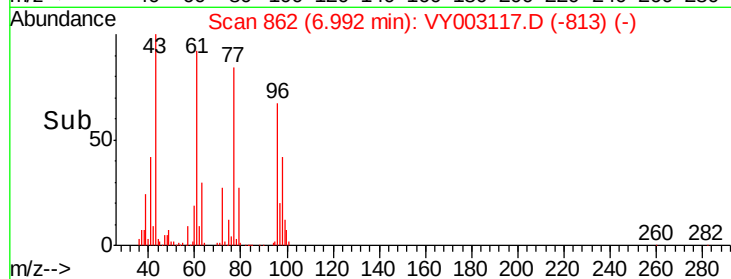
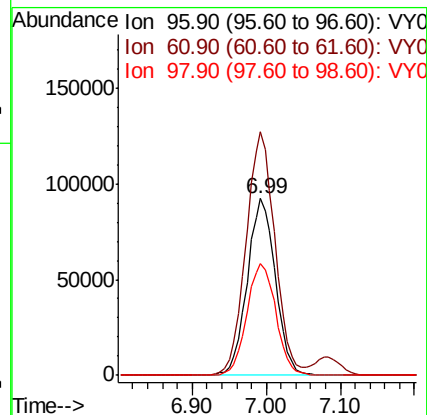
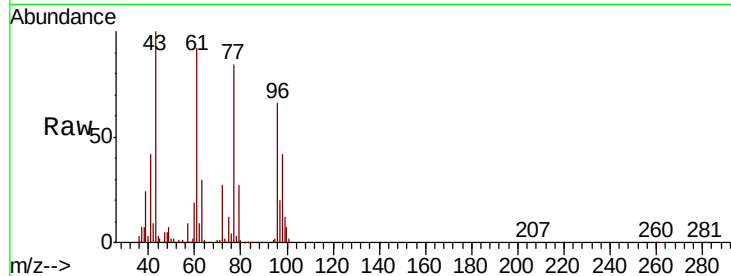


#27

cis-1,2-Dichloroethene
 Concen: 52.025 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

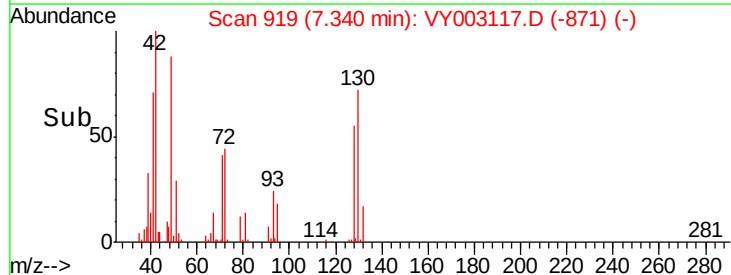
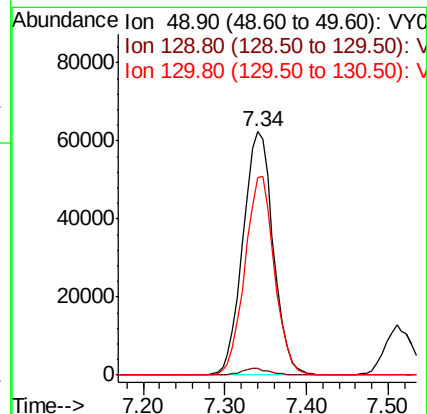
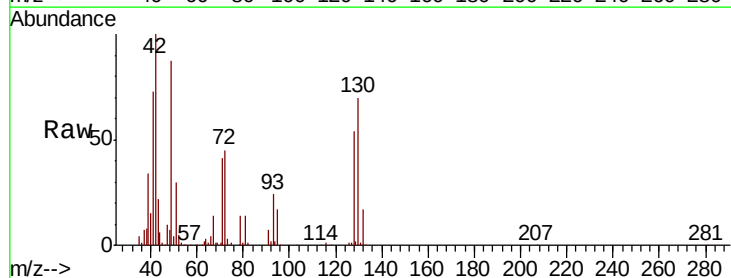
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	301.2
98	65.2	0.0	129.0

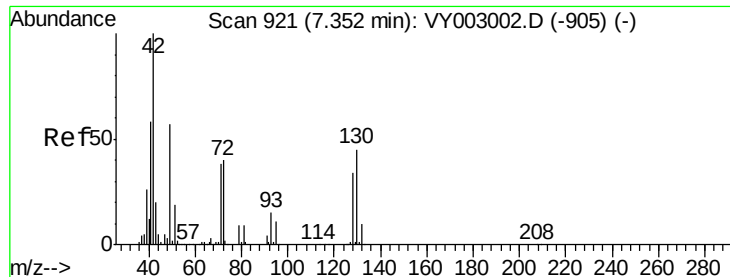


#28

Bromochloromethane
 Concen: 47.600 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.6	57.0	85.6





#29

Tetrahydrofuran

Concen: 236.174 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

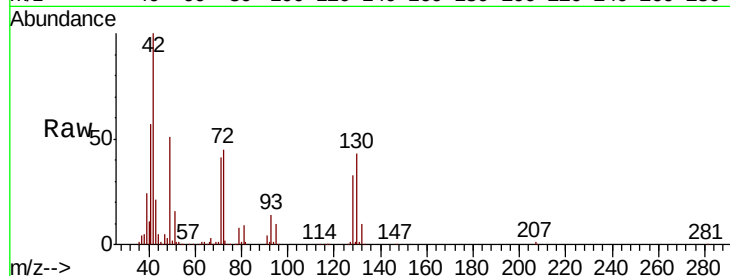
Tot Ion: 42 Resp: 250057

Ion Ratio Lower Upper

42 100

72 45.4 32.9 49.3

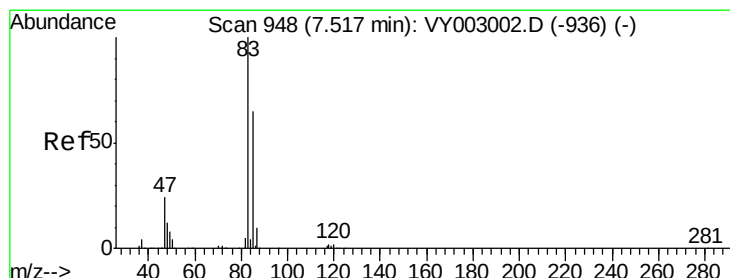
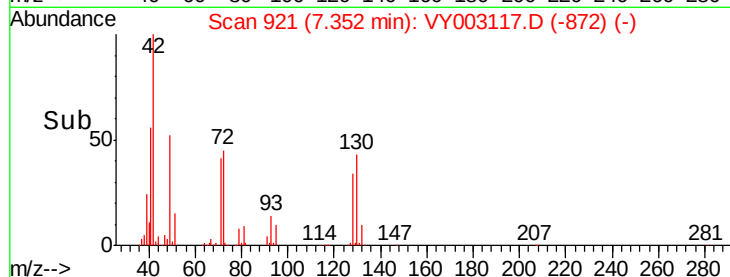
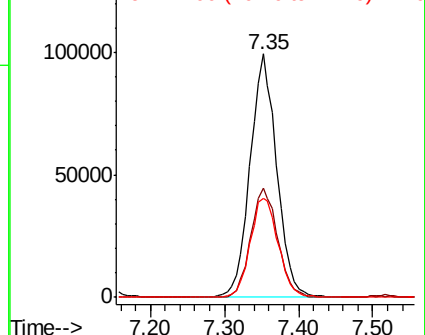
71 42.6 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 52.006 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003117.D

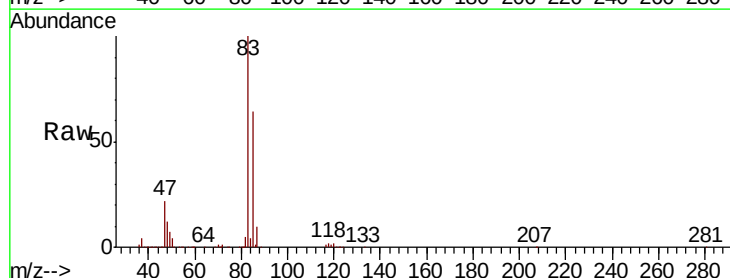
Acq: 07 Jul 2020 10:53

Tgt Ion: 83 Resp: 390894

Ion Ratio Lower Upper

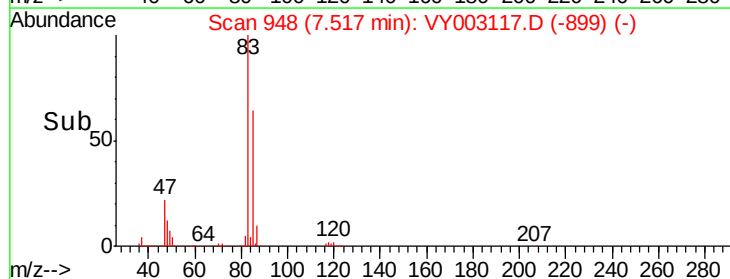
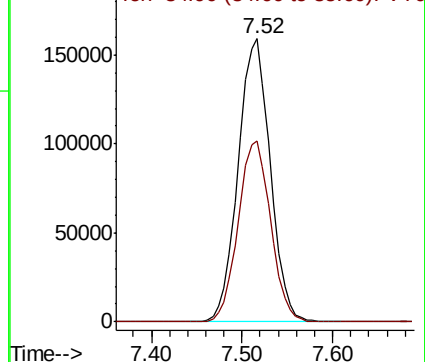
83 100

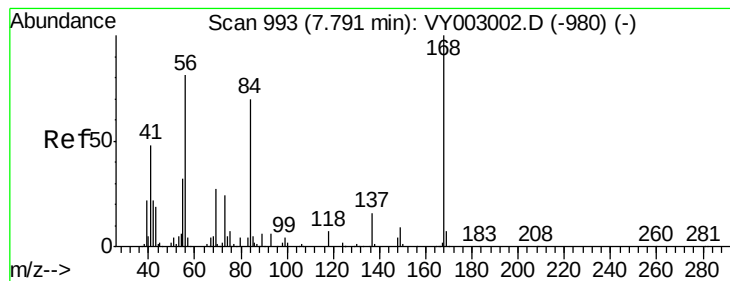
85 63.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 45.540 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

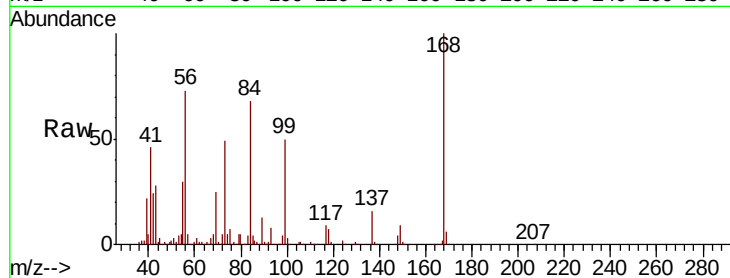
Tot Ion: 56 Resp: 340383

Ion Ratio Lower Upper

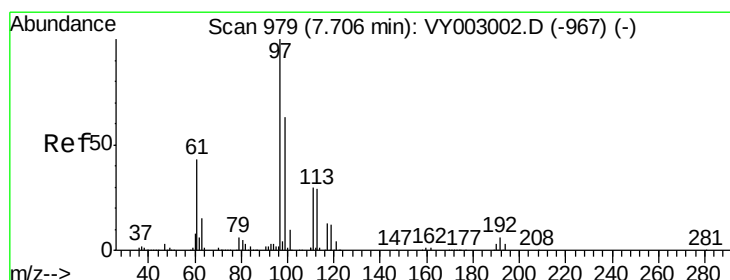
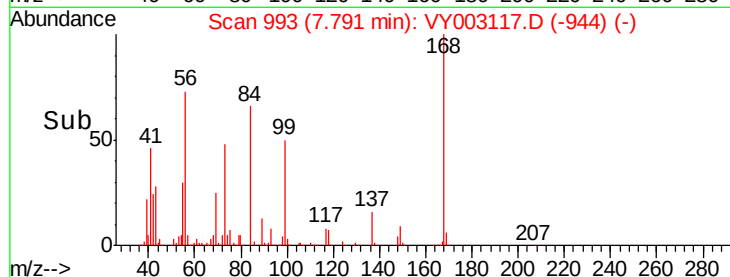
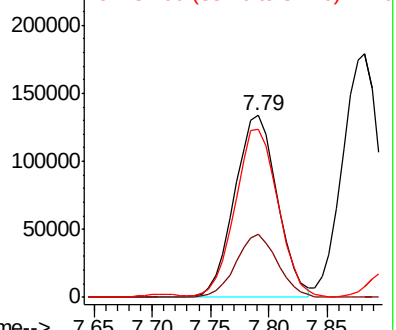
56 100

69 34.7 27.0 40.4

84 90.8 68.1 102.1



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: 51.141 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

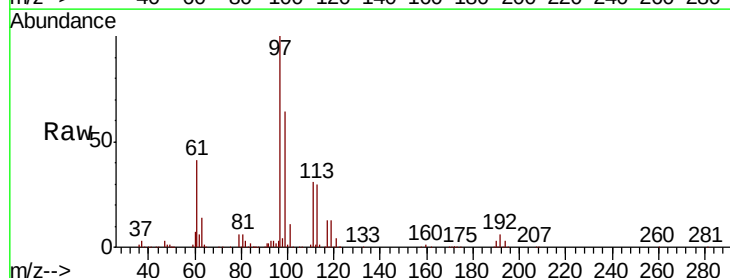
Tgt Ion: 97 Resp: 350876

Ion Ratio Lower Upper

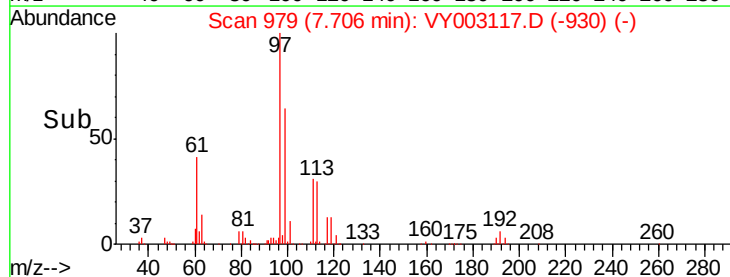
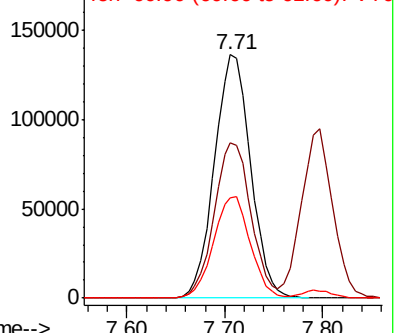
97 100

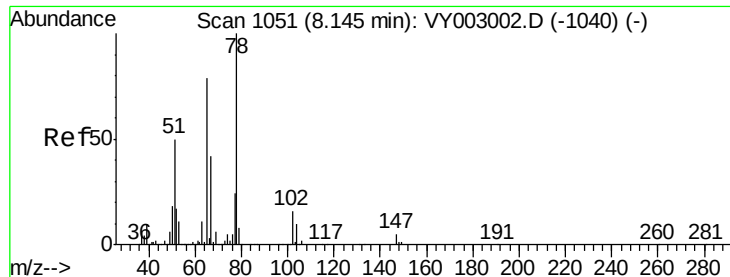
99 64.8 51.4 77.2

61 42.3 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

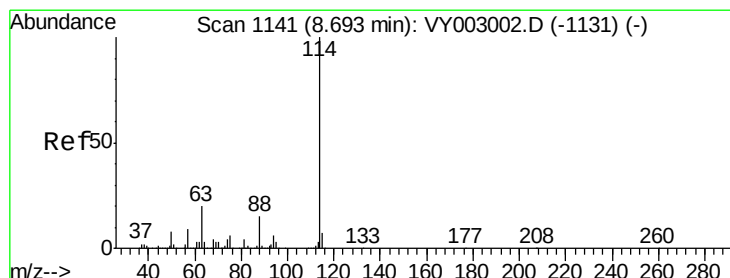
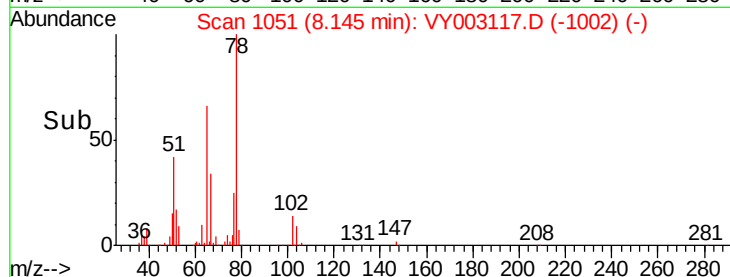
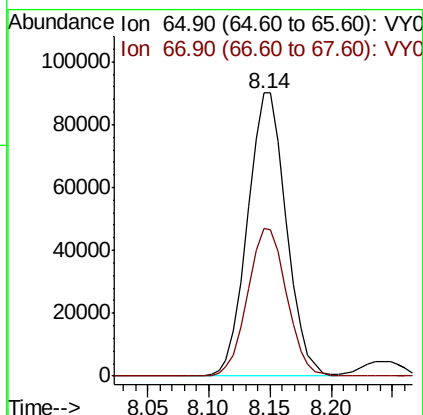
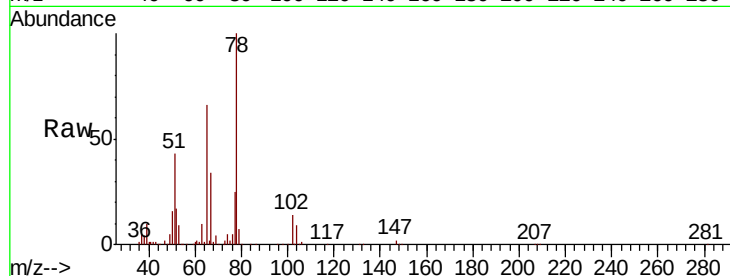




#33
 1,2-Dichloroethane-d4
 Concen: 46.790 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

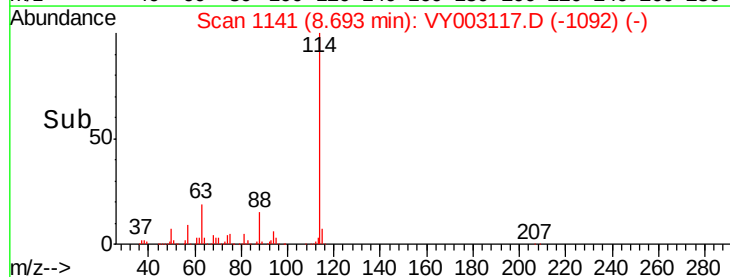
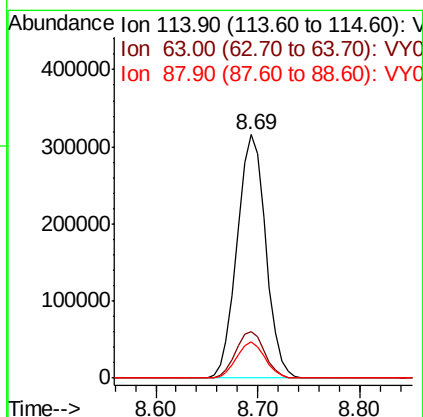
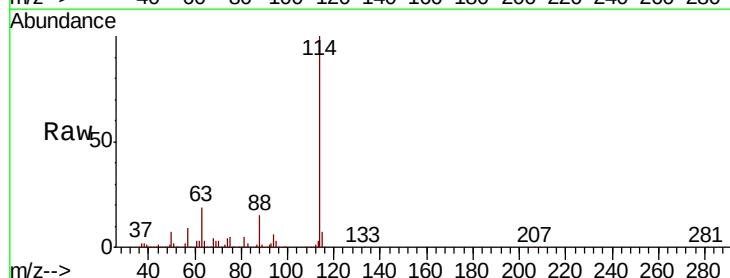
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

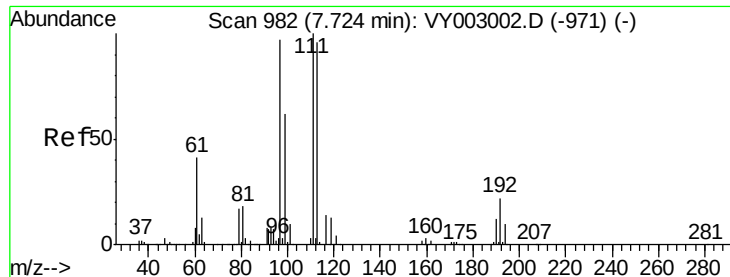
Tot Ion: 65 Resp: 198847
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion: 114 Resp: 615152
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 15.0 0.0 30.0

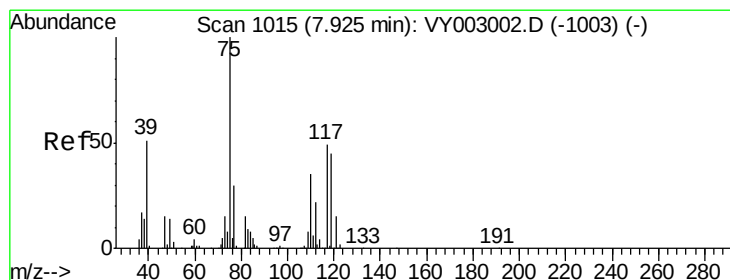
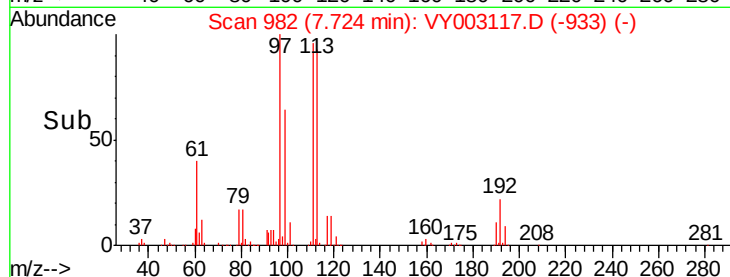
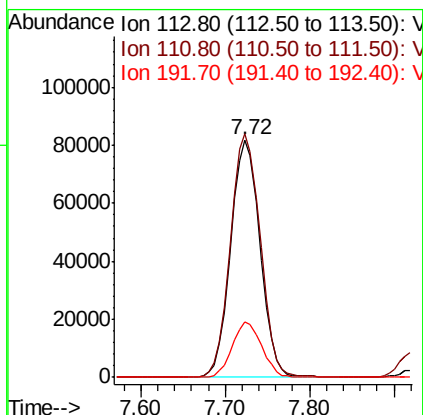
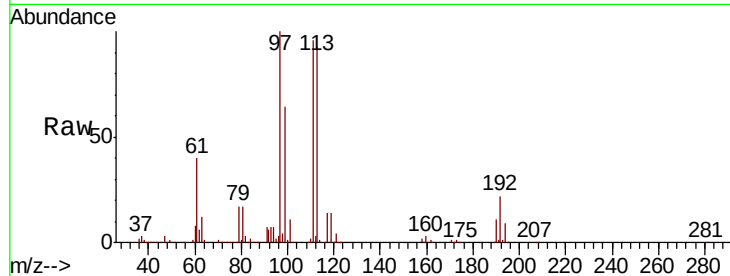




#35
 Dibromofluoromethane
 Concen: 50.323 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

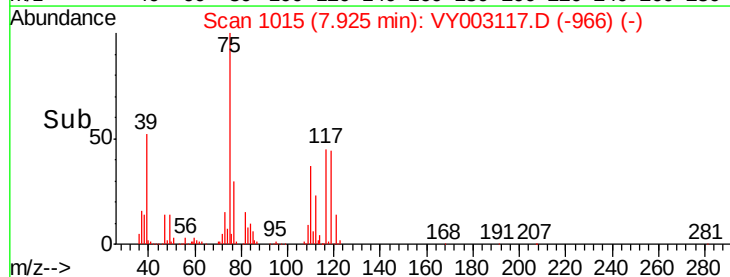
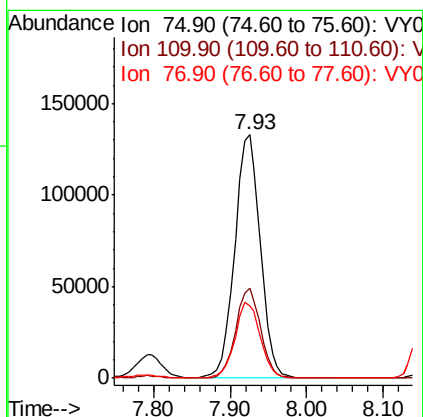
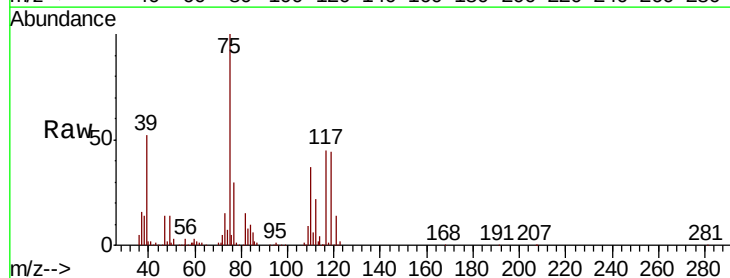
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

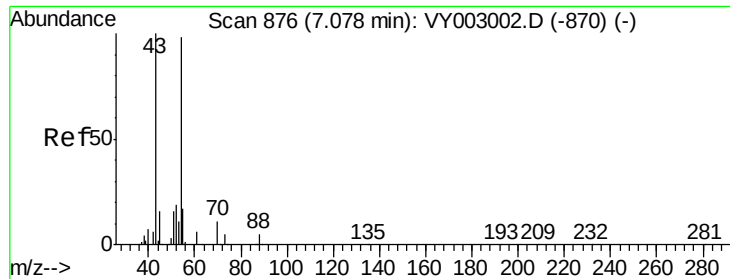
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	23.3	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 51.798 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.1	51.2
77	30.9	24.9	37.3

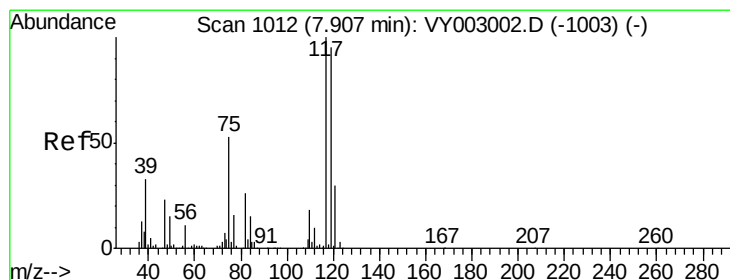
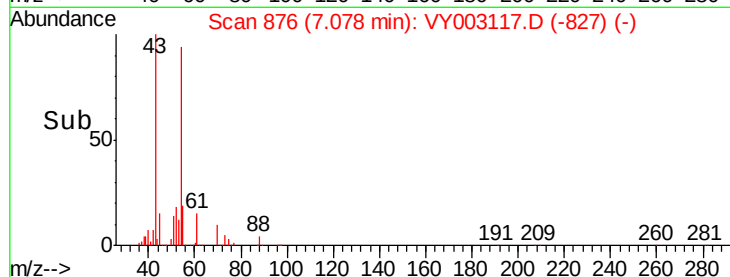
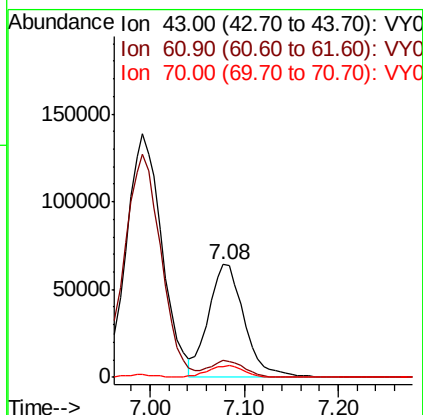
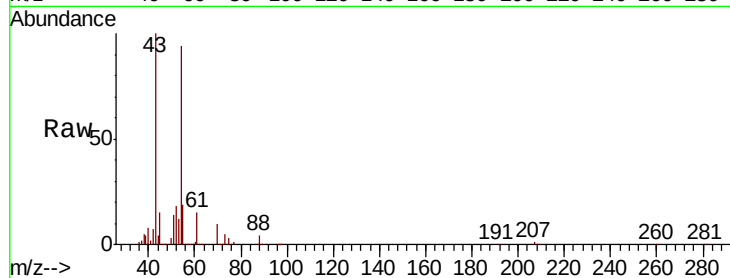




#37
Ethyl Acetate
Concen: 47.305 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

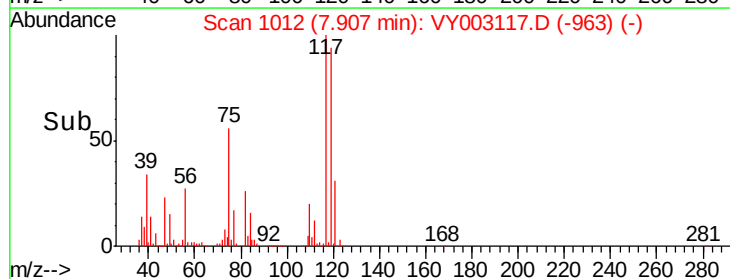
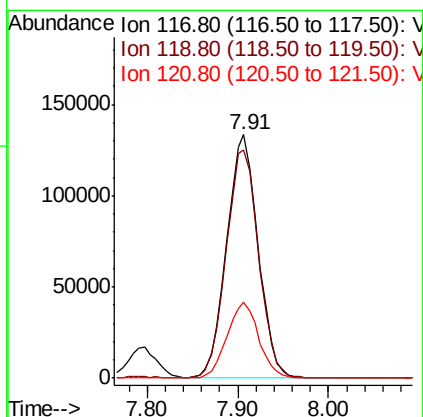
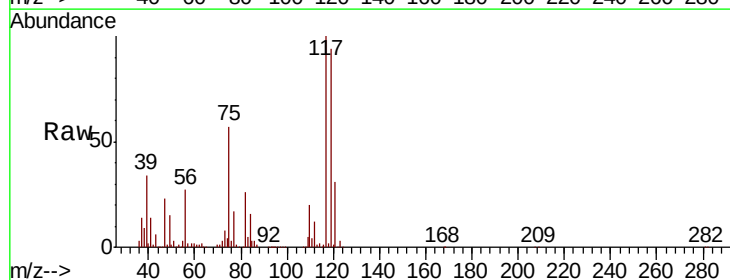
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

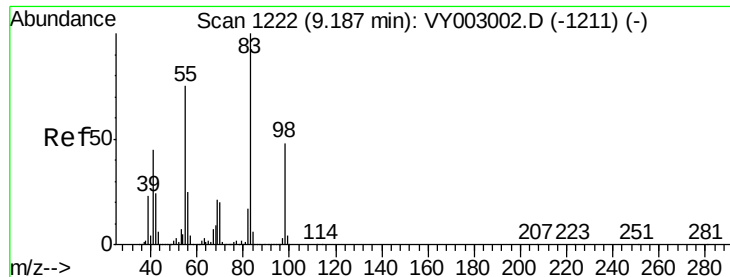
Tot Ion: 43 Resp: 168533
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 10.6 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.926 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 117 Resp: 320121
Ion Ratio Lower Upper
117 100
119 93.9 75.7 113.5
121 30.9 23.9 35.9

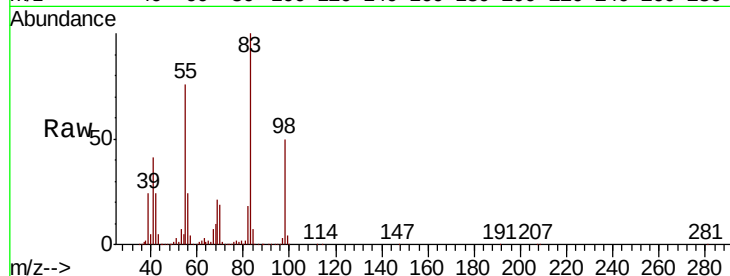




#39
Methylvlcyclohexane
Concen: 51.691 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	379758
Ion	Ratio	Lower	Upper
83	100		
55	75.6	59.9	89.9
98	50.4	38.7	58.1

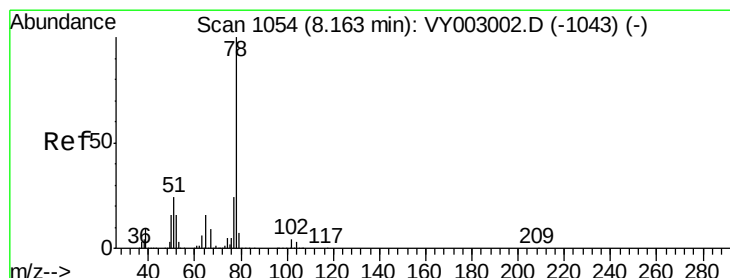
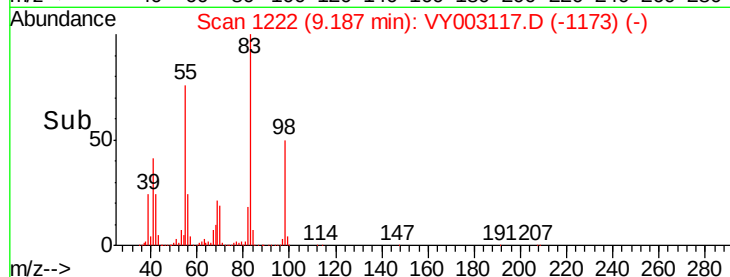
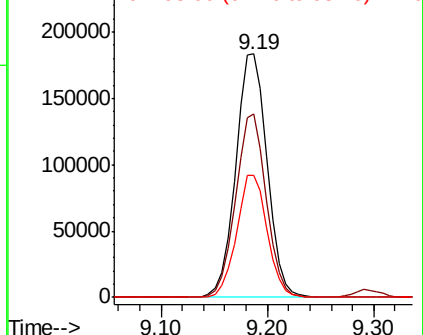


Abundance

Ion 83.00 (82.70 to 83.70): VY0

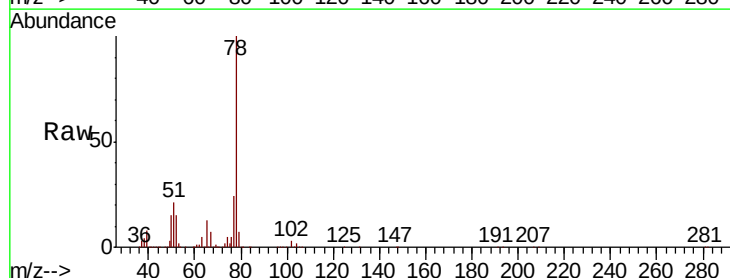
Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0



#40
Benzene
Concen: 51.987 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

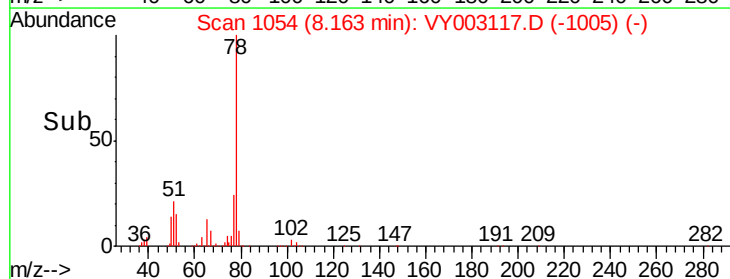
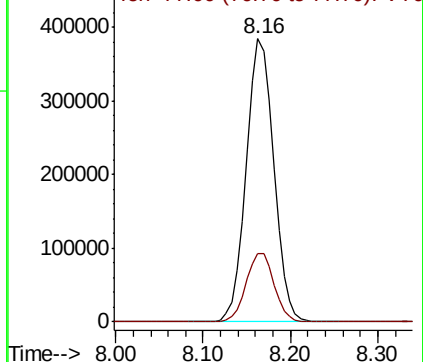
Tgt Ion	78	Resp	843347
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8

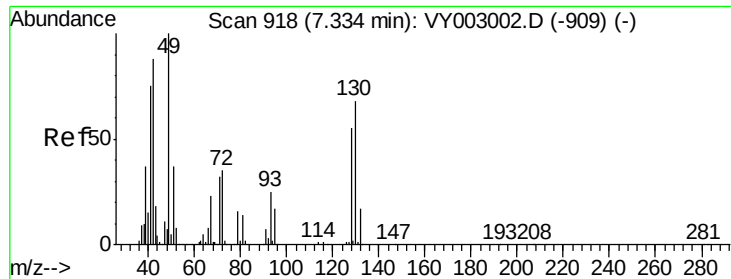


Abundance

Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0

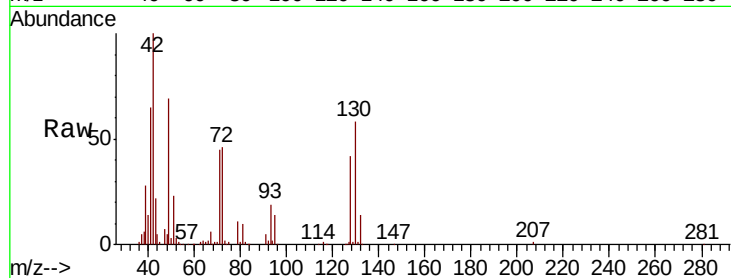




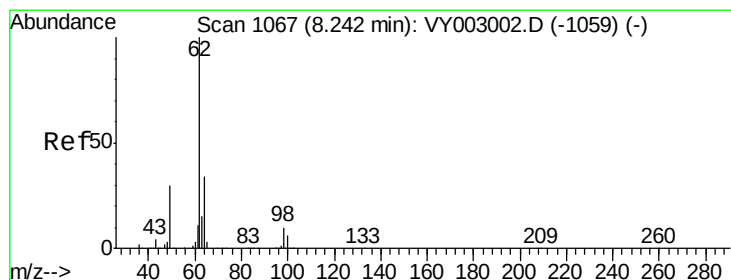
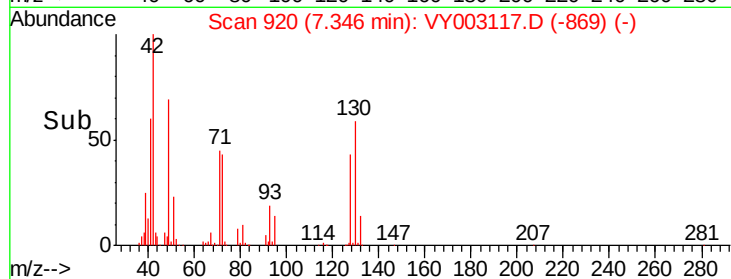
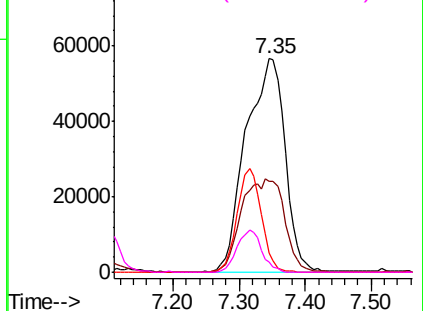
#41
Methacrylonitrile
Concen: 121.469 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 231168
Ion Ratio Lower Upper
41 100
39 48.2 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

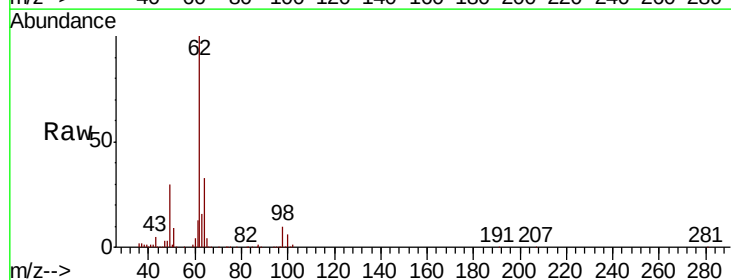


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

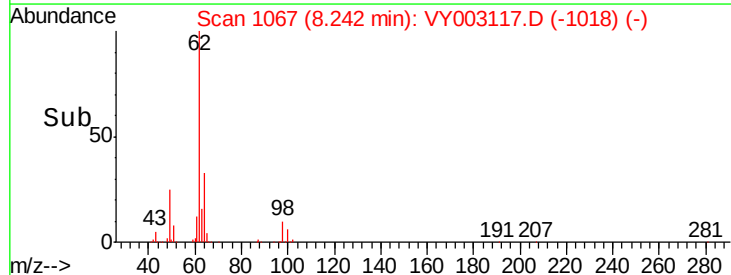
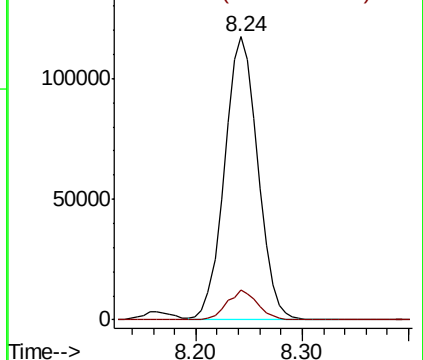


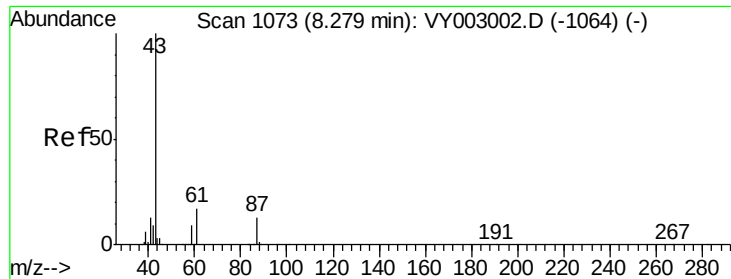
#42
1,2-Dichloroethane
Concen: 50.040 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 62 Resp: 256801
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 48.556 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

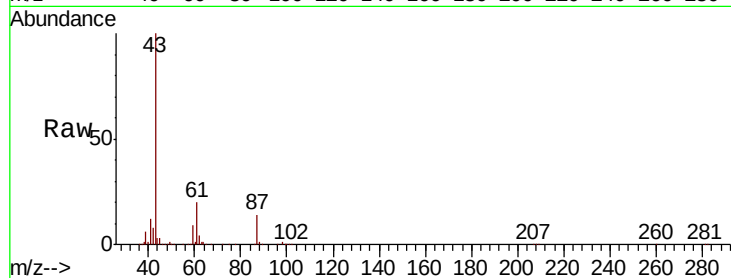
Tot Ion: 43 Resp: 328864

Ion Ratio Lower Upper

43 100

61 28.9 21.8 32.6

87 13.7 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VY003117.D (-1024) (-)

Ion 61.00 (60.70 to 61.70): VY003117.D (-1024) (-)

Ion 87.00 (86.70 to 87.70): VY003117.D (-1024) (-)

8.28

150000

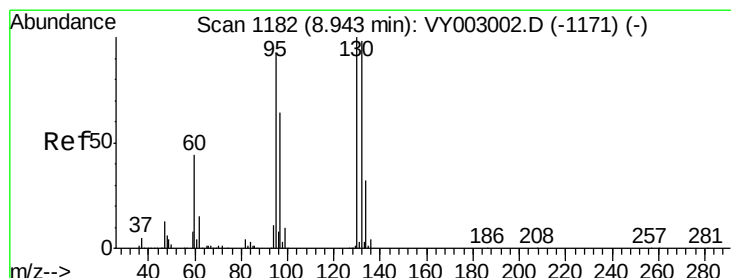
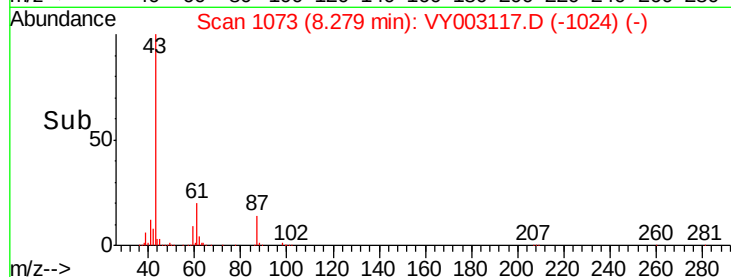
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 54.848 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003117.D

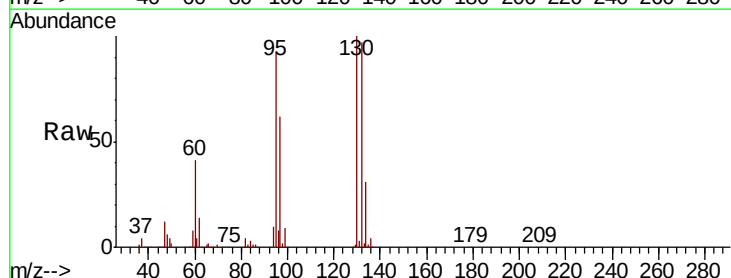
Acq: 07 Jul 2020 10:53

Tgt Ion: 130 Resp: 258609

Ion Ratio Lower Upper

130 100

95 92.5 0.0 186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003117.D (-1133) (-)

Ion 94.90 (94.60 to 95.60): VY003117.D (-1133) (-)

150000

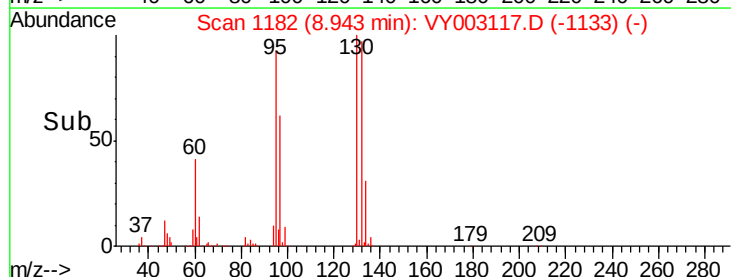
100000

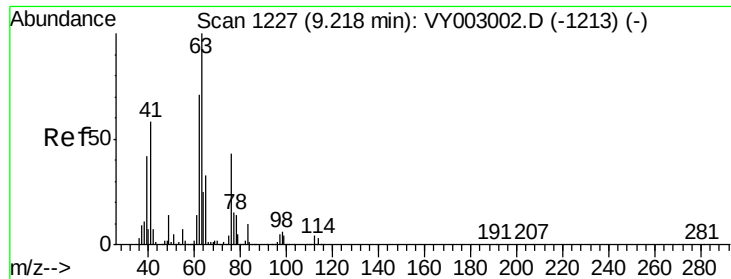
50000

0

8.90 9.00

Time-->

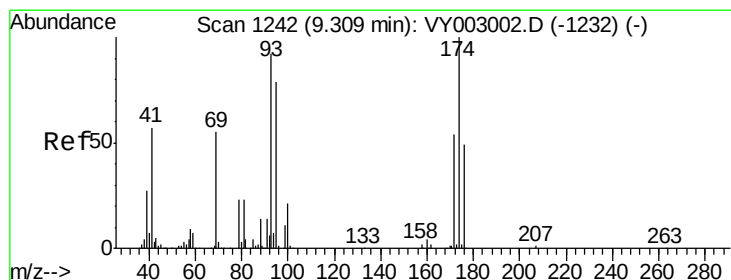
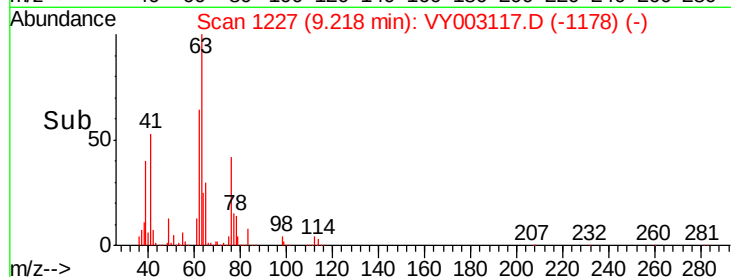
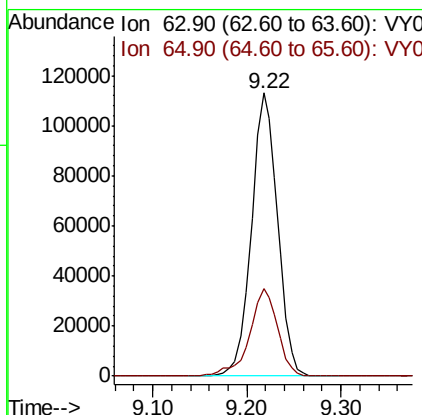
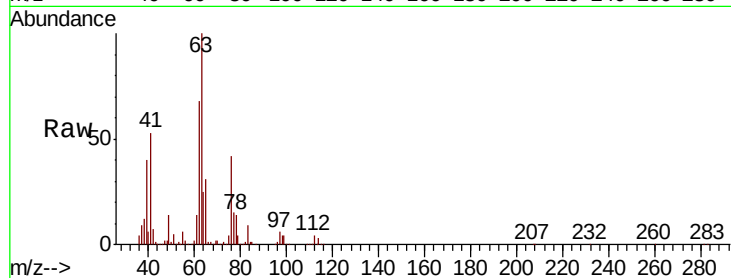




#45
 1,2-Dichloropropane
 Concen: 50.481 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

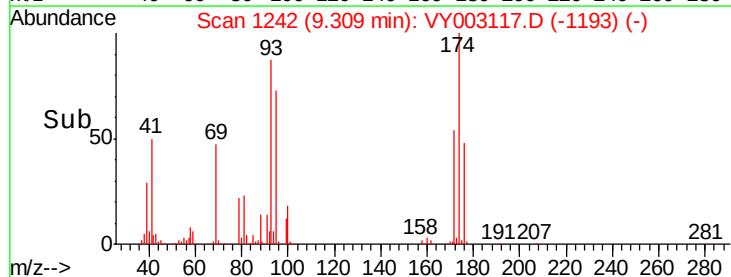
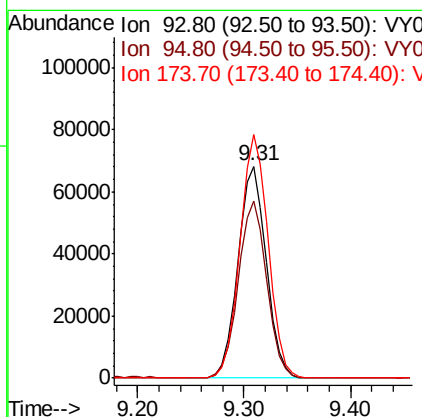
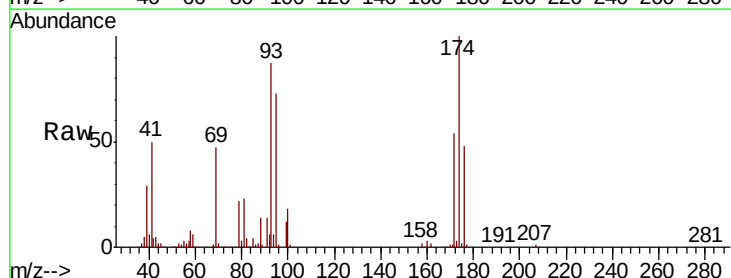
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

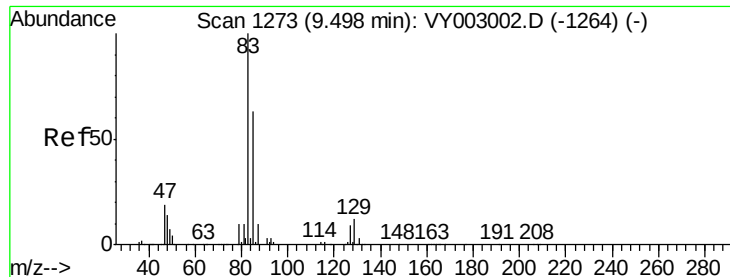
Tot Ion: 63 Resp: 220315
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.2 39.4



#46
 Dibromomethane
 Concen: 52.167 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion: 93 Resp: 127160
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.6 101.4
 174 114.5 88.3 132.5





#47

Bromodichloromethane

Concen: 51.997 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

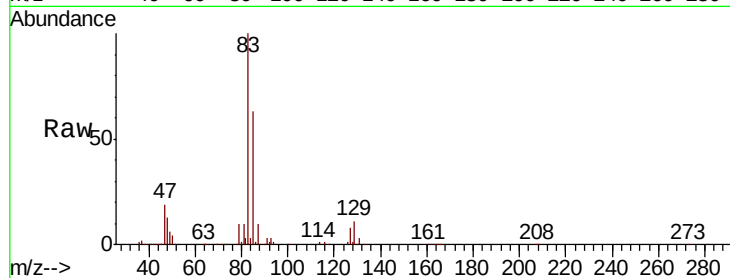
Tot Ion: 83 Resp: 310353

Ion Ratio Lower Upper

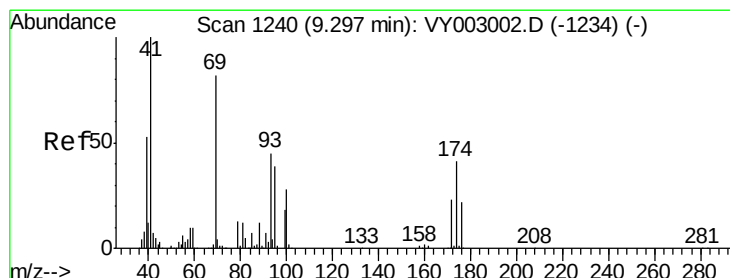
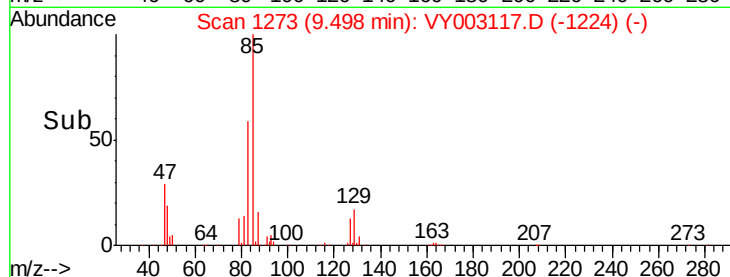
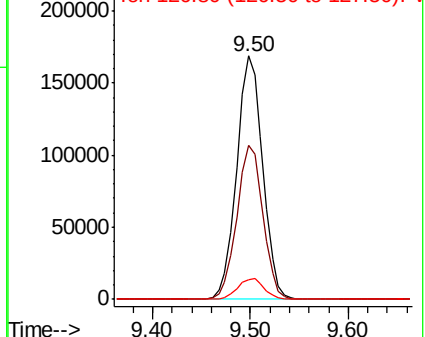
83 100

85 63.3 50.5 75.7

127 8.2 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: 47.345 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

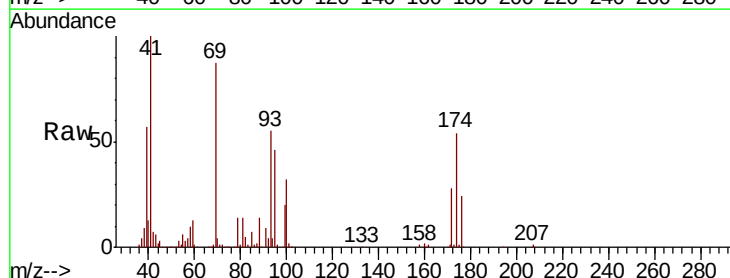
Tgt Ion: 41 Resp: 145954

Ion Ratio Lower Upper

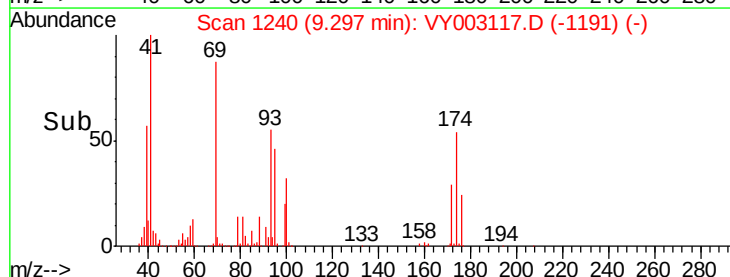
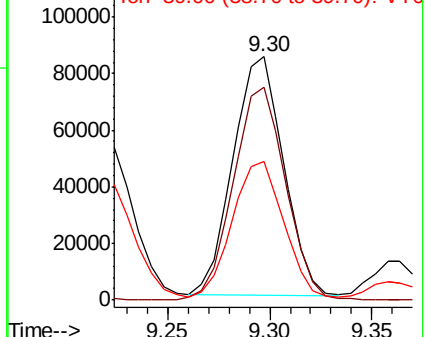
41 100

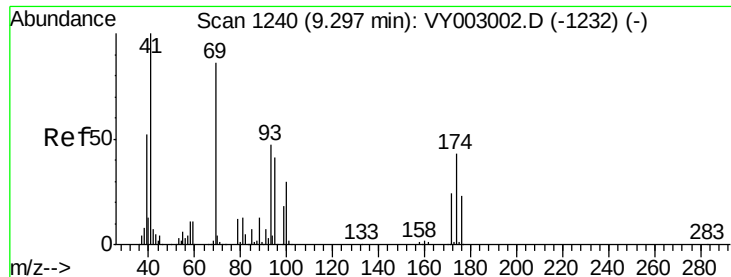
69 92.2 67.7 101.5

39 57.4 45.0 67.4



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

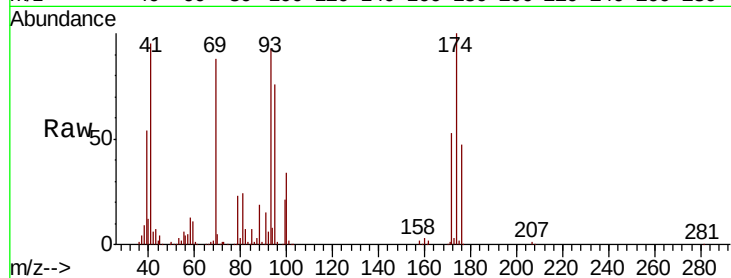




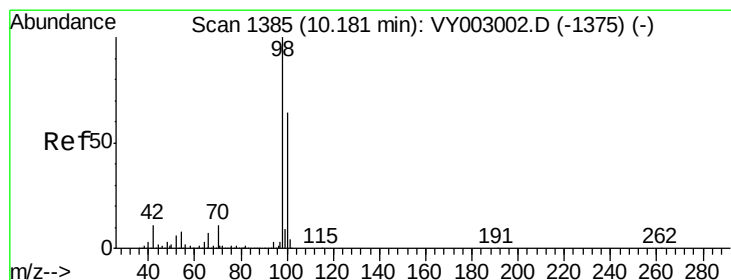
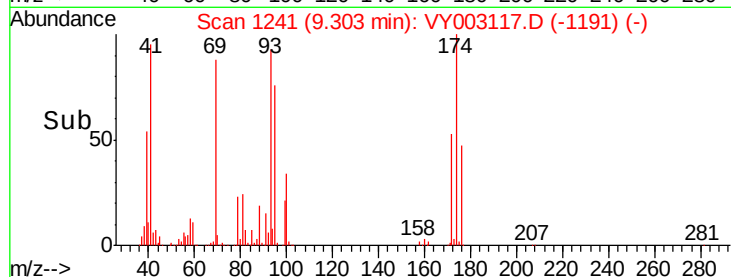
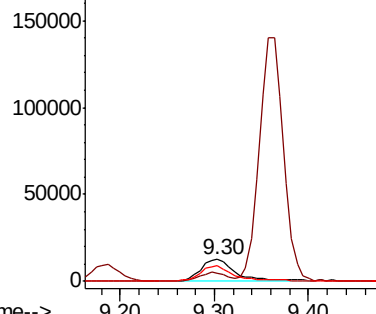
#49
1,4-Dioxane
Concen: 1113.550 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 33134
Ion Ratio Lower Upper
88 100
43 30.1 28.6 42.8
58 68.1 56.7 85.1

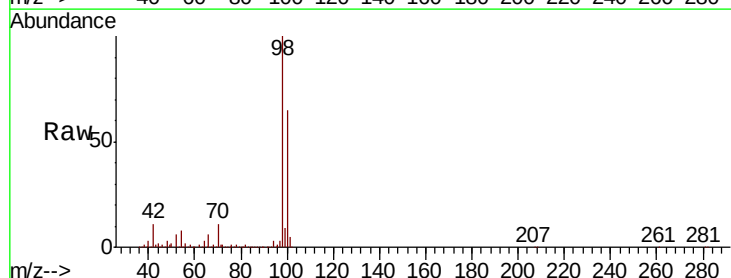


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

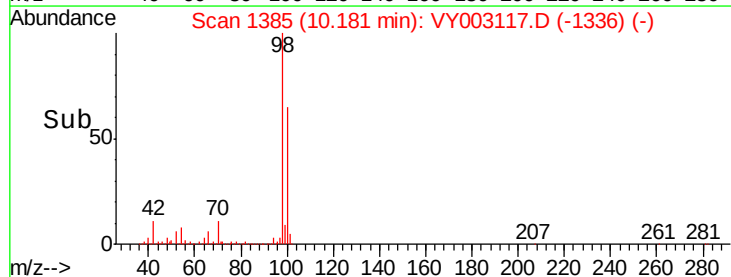
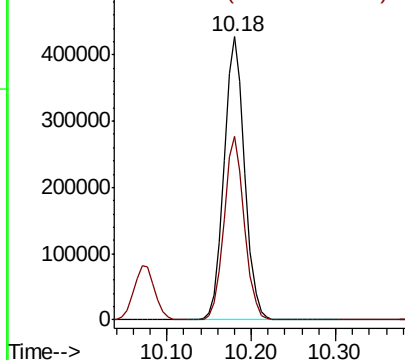


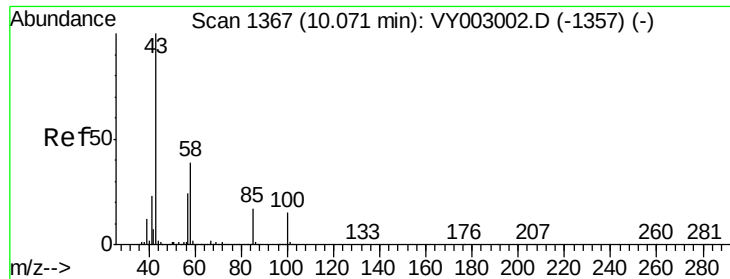
#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 98 Resp: 712358
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

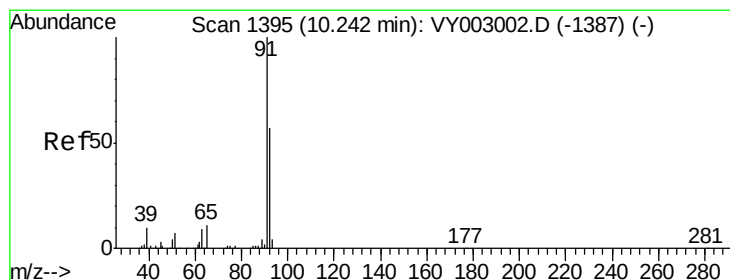
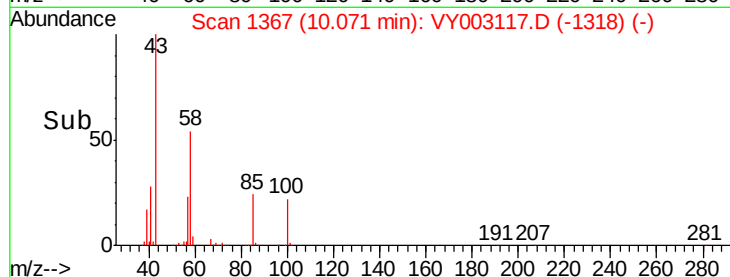
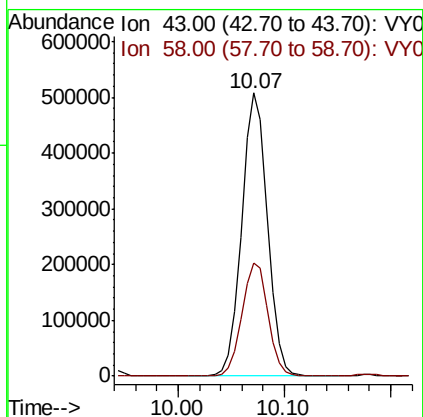
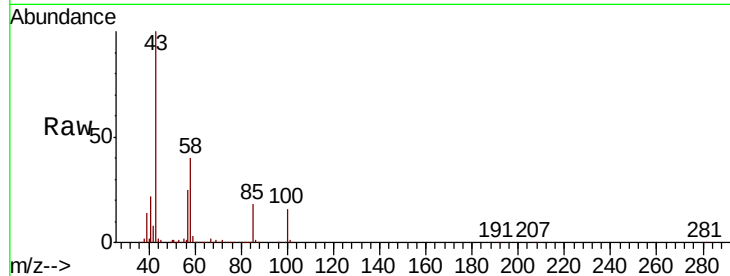




#51
4-Methyl-2-Pentanone
Concen: 245.695 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

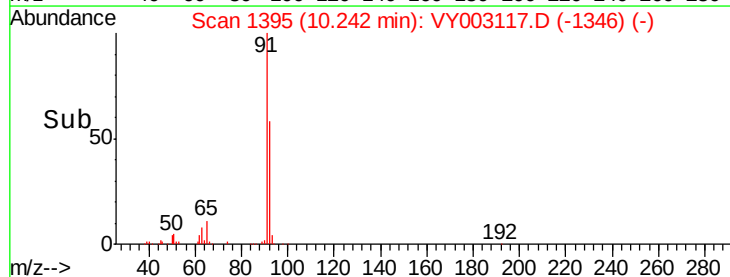
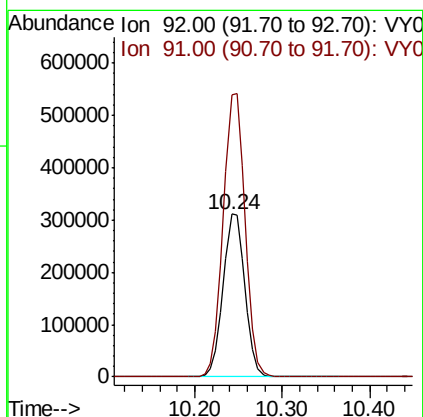
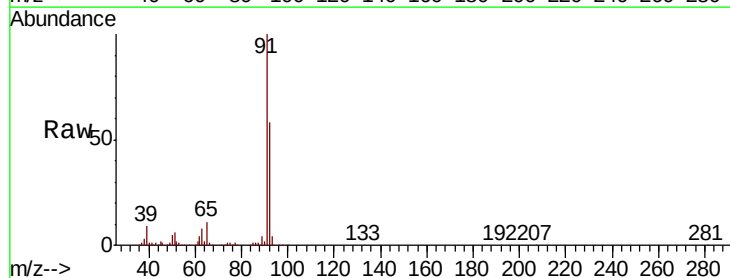
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

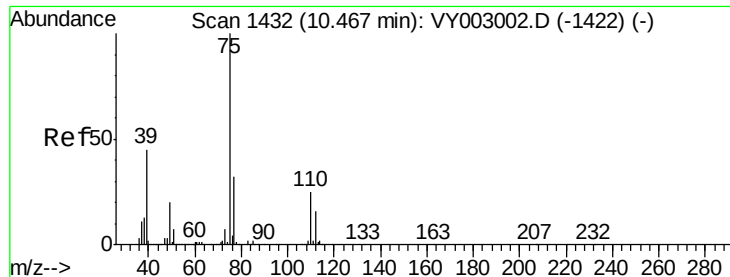
Tot Ion: 43 Resp: 860074
Ion Ratio Lower Upper
43 100
58 40.6 31.1 46.7



#52
Toluene
Concen: 52.440 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 92 Resp: 535515
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 51.765 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

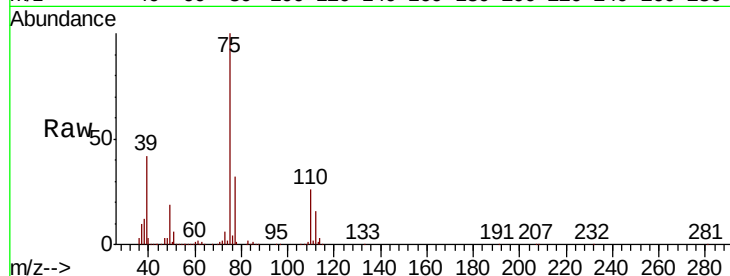
VSTDCCC050

Tot Ion: 75 Resp: 323933

Ion Ratio Lower Upper

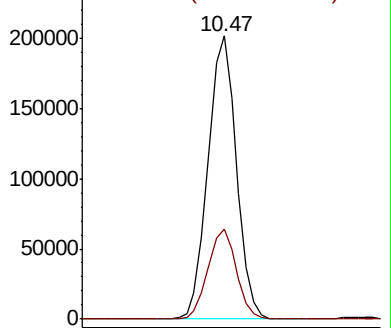
75 100

77 32.0 25.9 38.9

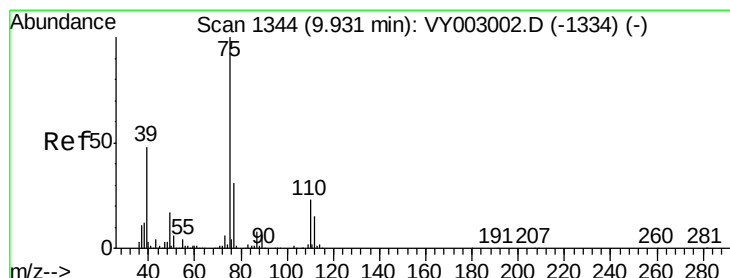
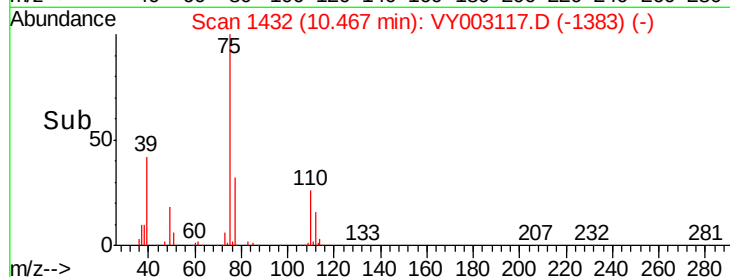


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.442 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

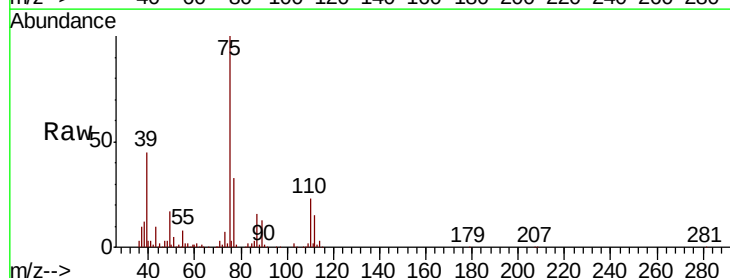
Tgt Ion: 75 Resp: 368157

Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0

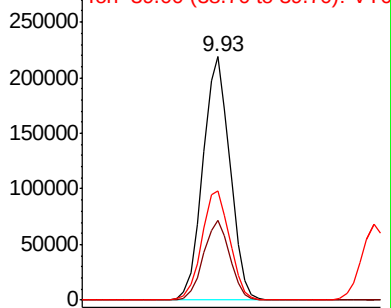
39 45.0 38.3 57.5



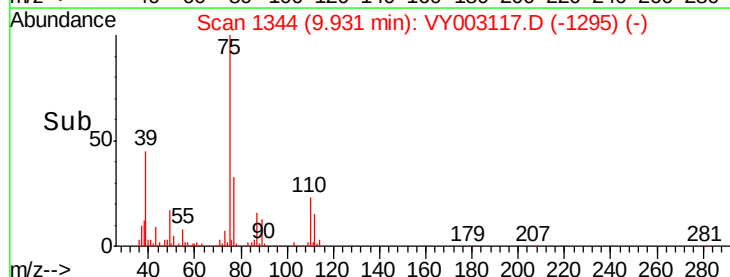
Abundance Ion 74.90 (74.60 to 75.60): VY0

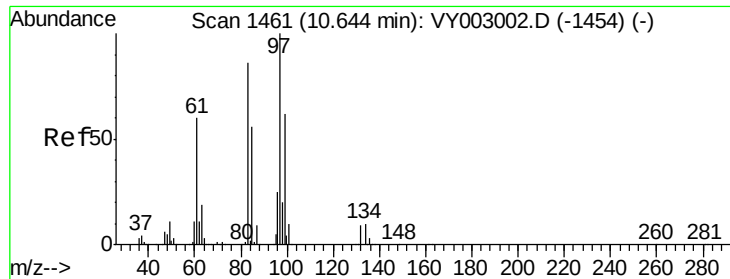
Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0



Time-->

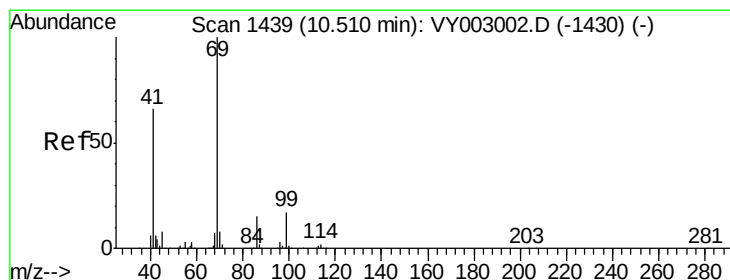
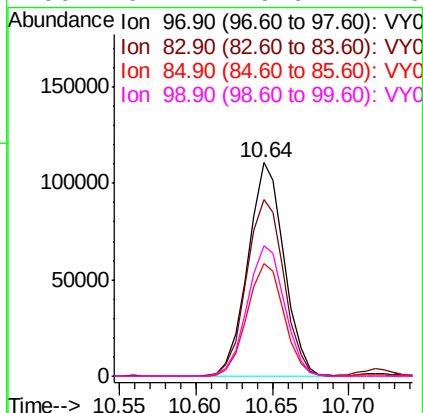
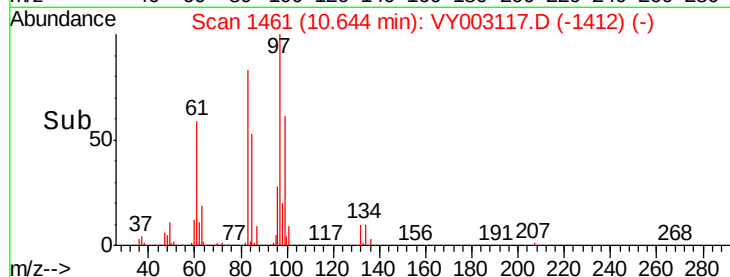
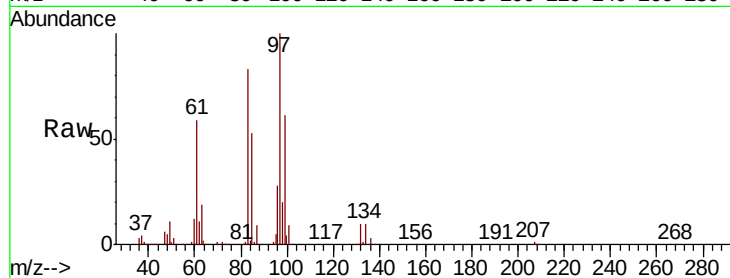




#55
 1,1,2-Trichloroethane
 Concen: 53.641 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

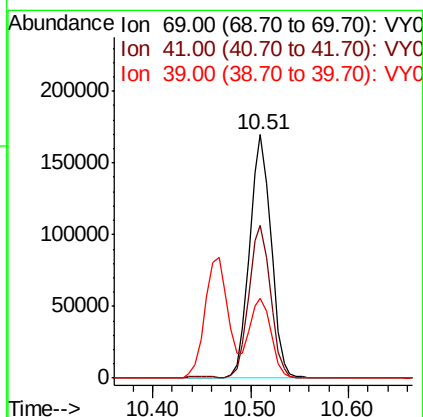
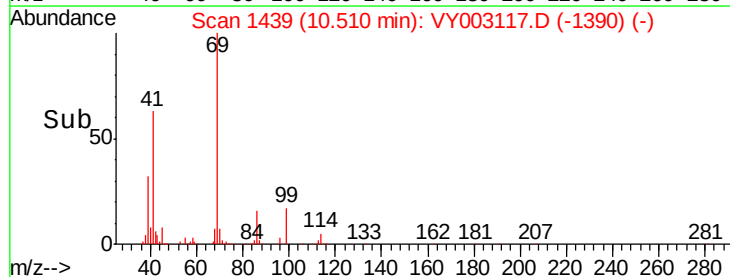
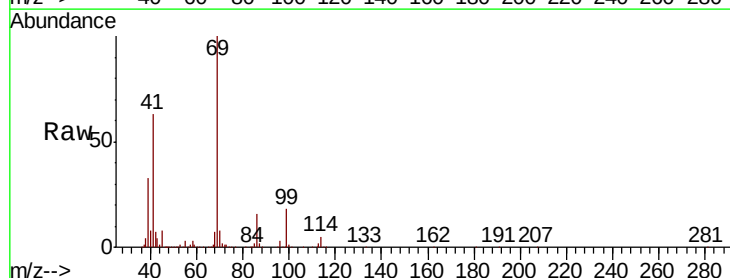
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

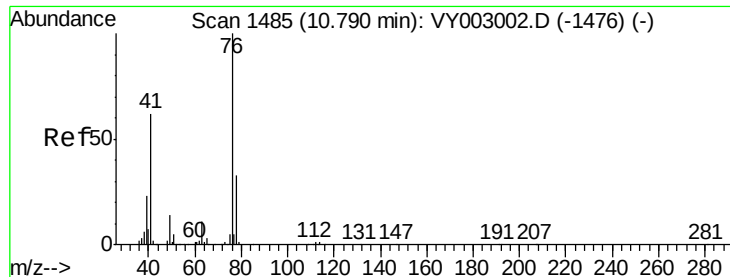
Tot Ion:	97	Resp:	181694
Ion	Ratio	Lower	Upper
97	100		
83	82.9	69.0	103.6
85	52.8	44.8	67.2
99	61.2	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 52.708 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion:	69	Resp:	258438
Ion	Ratio	Lower	Upper
69	100		
41	63.4	53.7	80.5
39	34.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 51.874 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

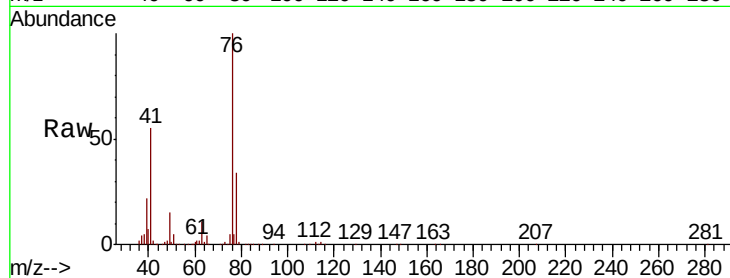
VSTDCCC050

Tot Ion: 76 Resp: 308456

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

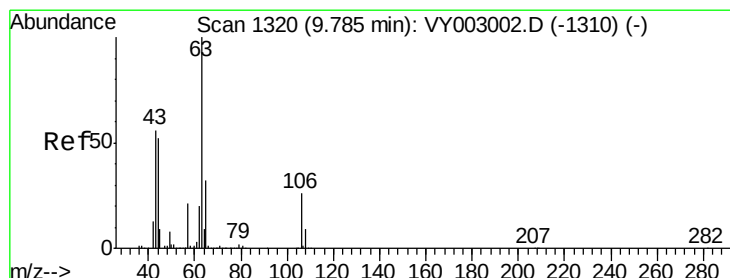
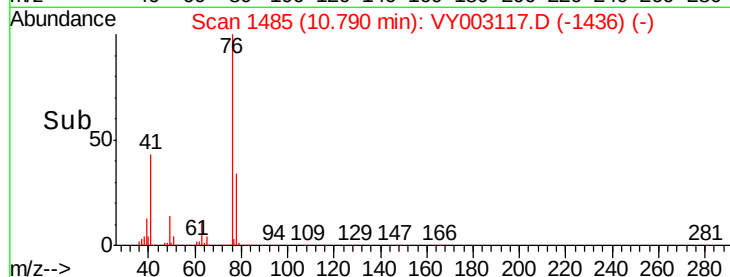
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 252.369 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003117.D

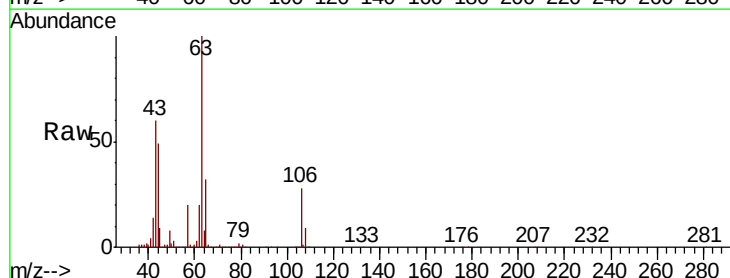
Acq: 07 Jul 2020 10:53

Tgt Ion: 63 Resp: 634632

Ion Ratio Lower Upper

63 100

106 28.2 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

400000

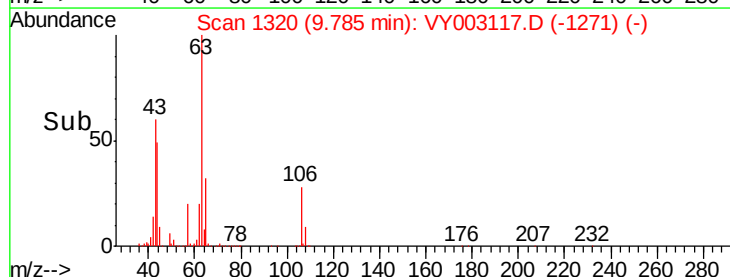
300000

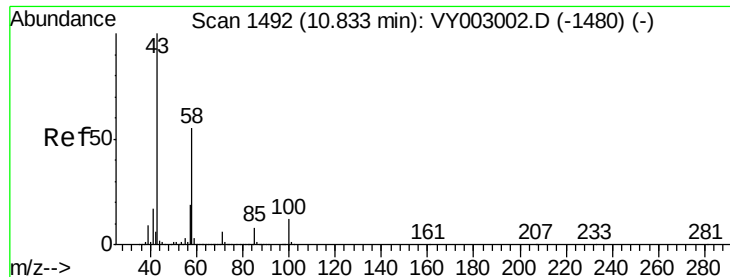
200000

100000

0

Time-->

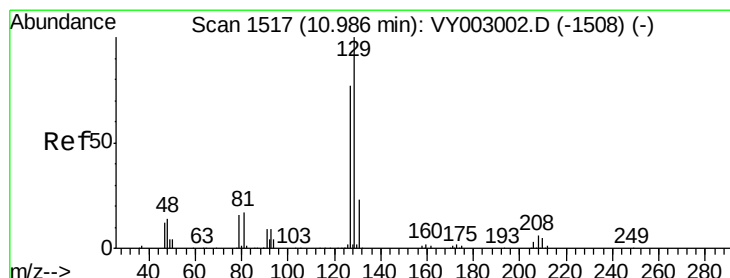
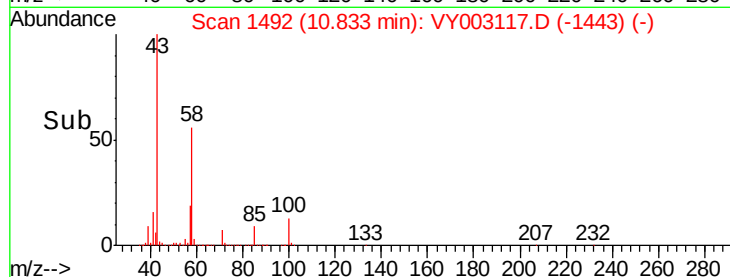
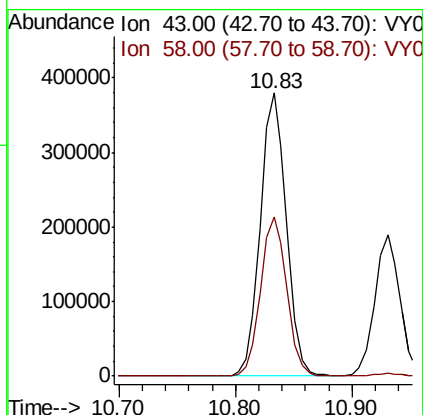
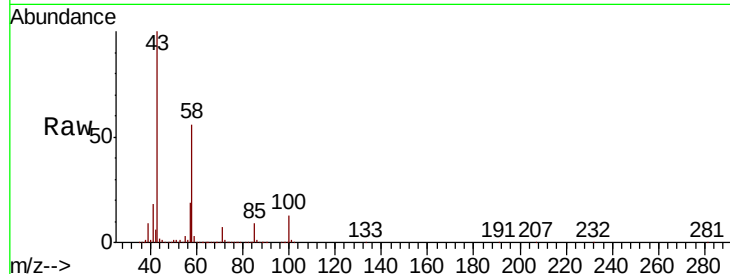




#59
2-Hexanone
Concen: 241.625 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

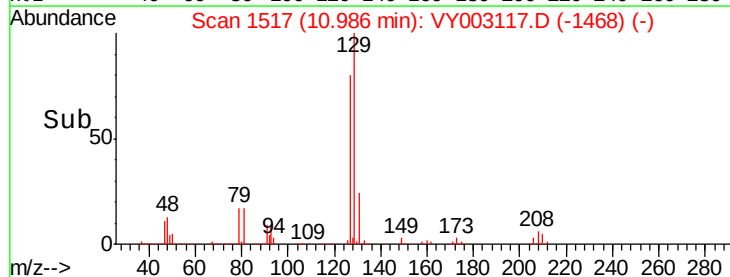
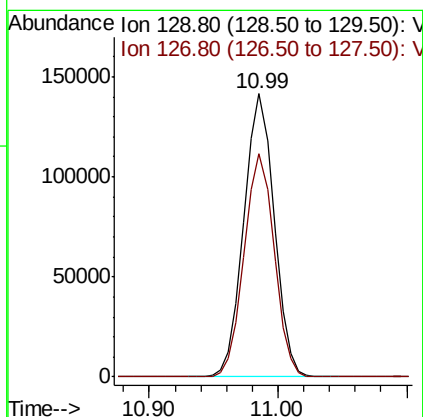
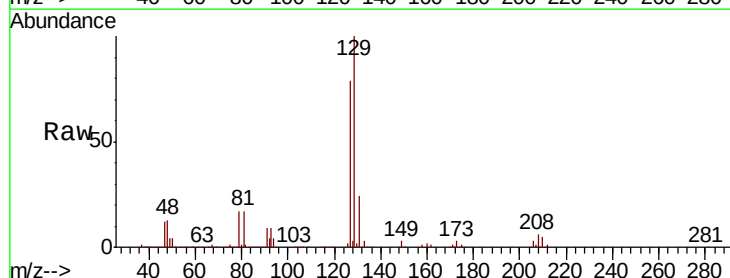
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

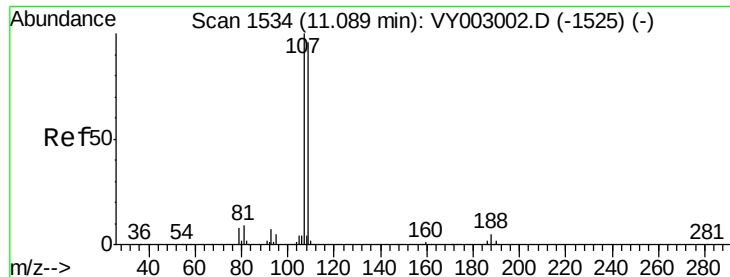
Tot Ion: 43 Resp: 591202
Ion Ratio Lower Upper
43 100
58 56.5 27.5 82.4



#60
Dibromochloromethane
Concen: 53.052 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 129 Resp: 229965
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.3





#61

1,2-Dibromoethane

Concen: 52.569 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

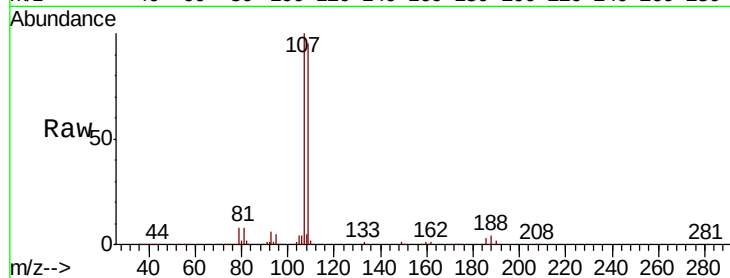
VSTDCCC050

Tot Ion:107 Resp: 175545

Ion Ratio Lower Upper

107 100

109 95.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

120000

100000

80000

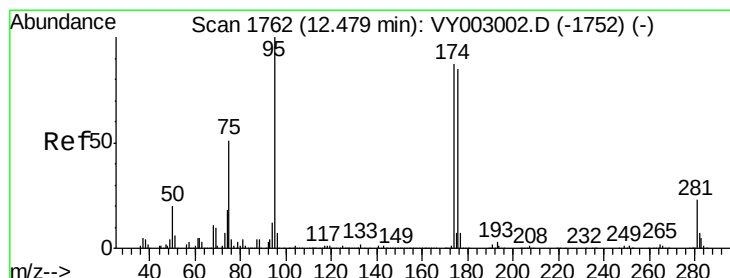
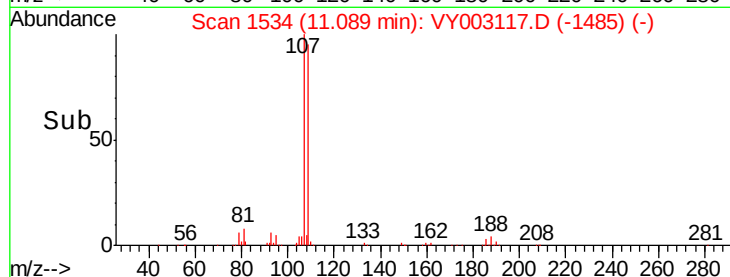
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.950 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

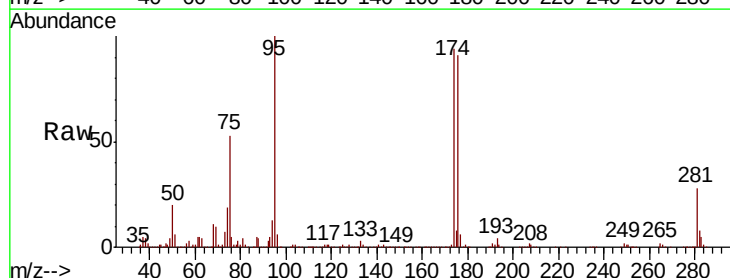
Tgt Ion: 95 Resp: 251360

Ion Ratio Lower Upper

95 100

174 95.2 0.0 184.8

176 92.7 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

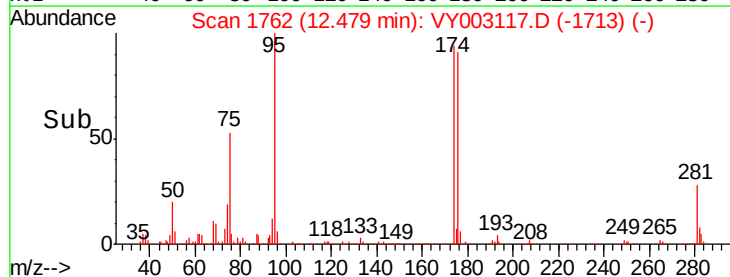
150000

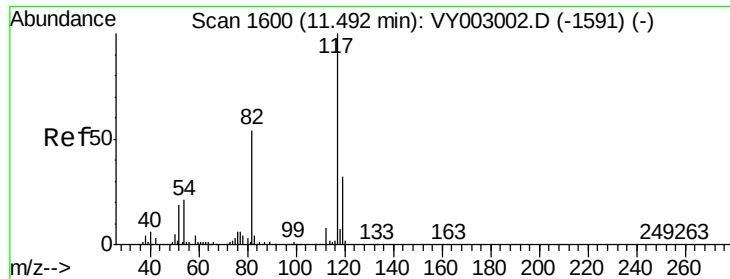
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

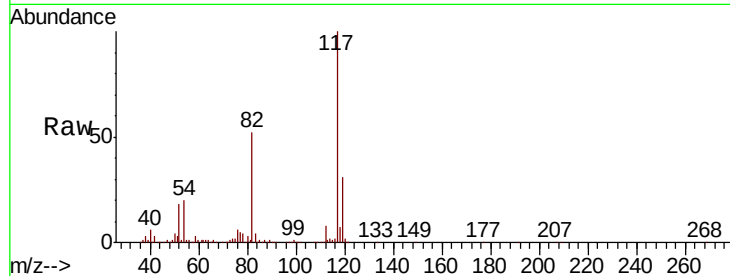
Tot Ion:117 Resp: 559755

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.6

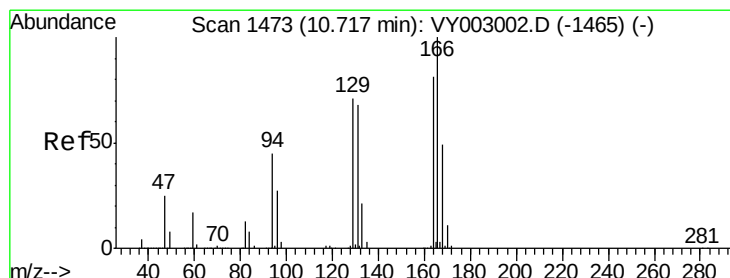
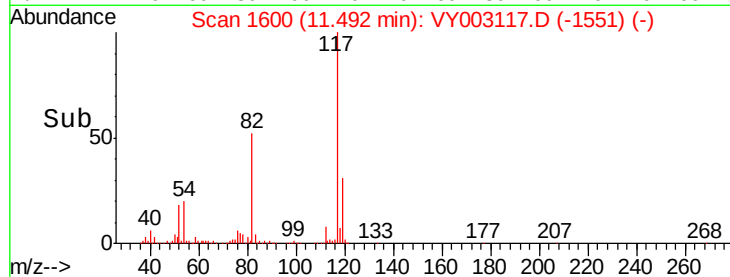
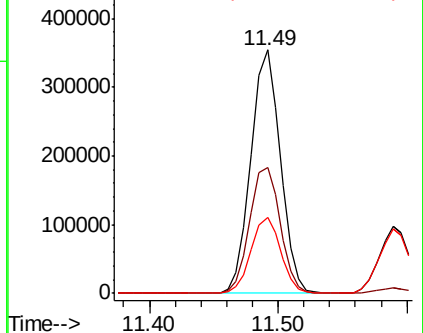
119 31.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 57.329 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Tgt Ion:164 Resp: 271593

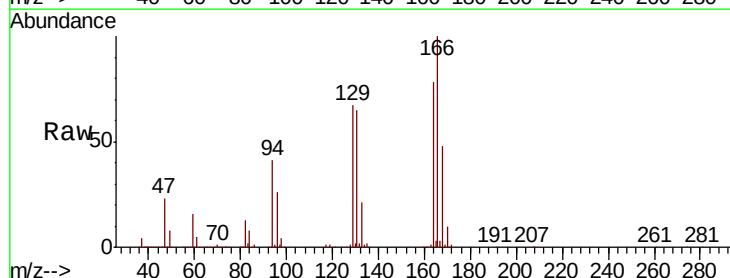
Ion Ratio Lower Upper

164 100

166 128.8 98.5 147.7

129 86.6 69.7 104.5

131 83.5 67.2 100.8

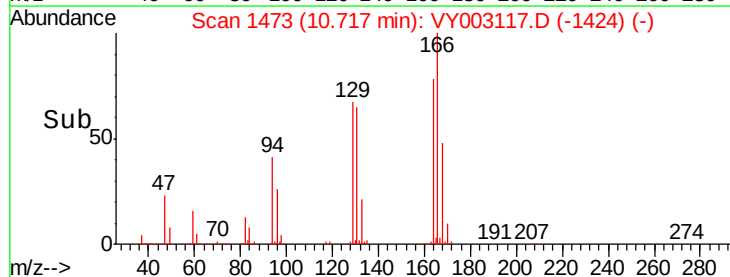
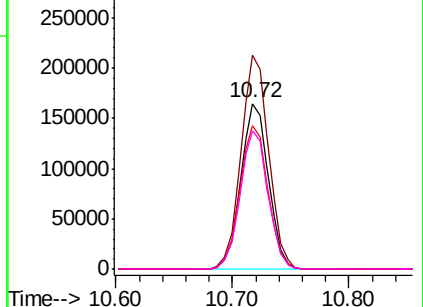


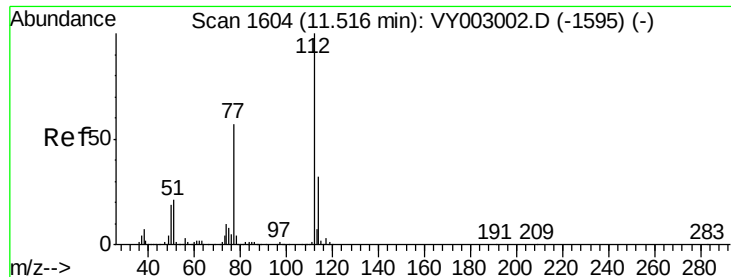
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

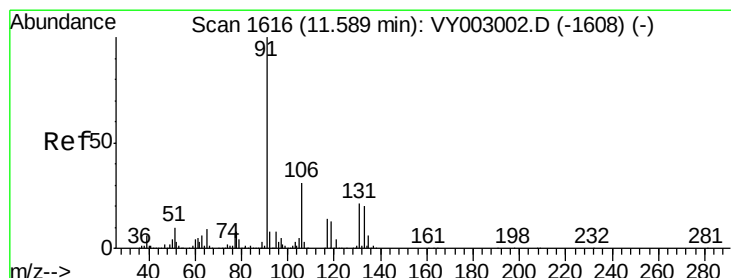
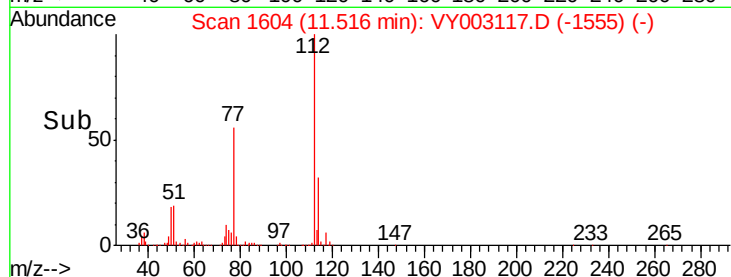
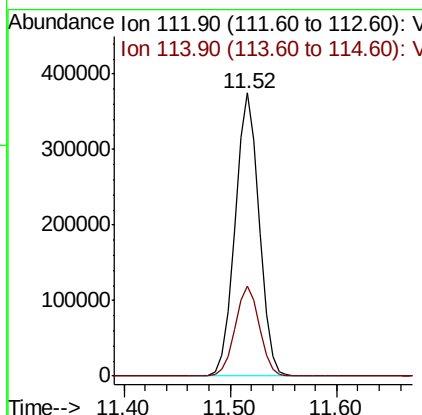
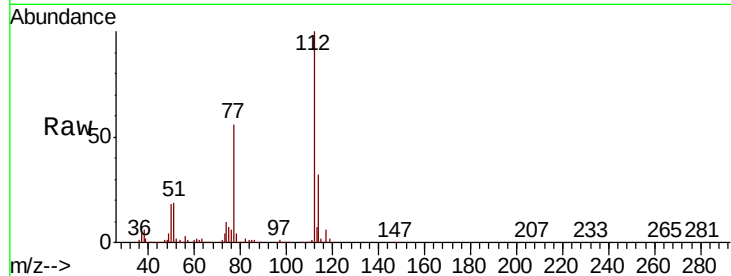




#65
Chlorobenzene
Concen: 53.690 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

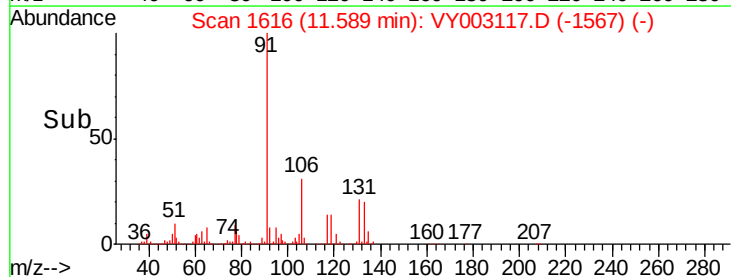
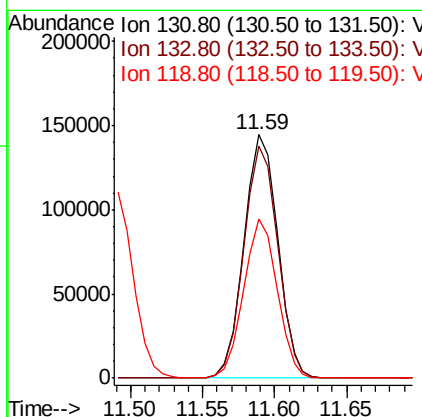
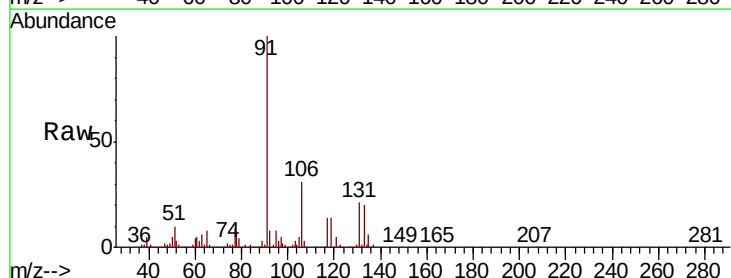
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

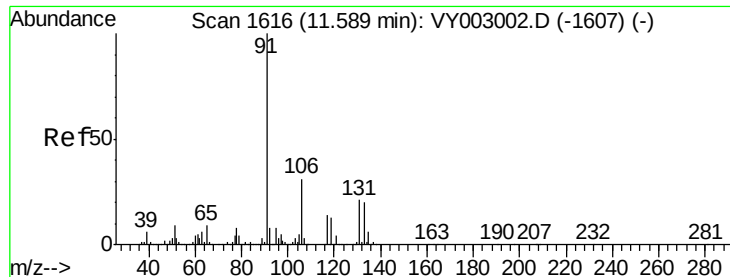
Tot Ion:112 Resp: 592589
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.676 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion:131 Resp: 235610
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.8
119 64.5 31.8 95.3





#67

Ethyl Benzene

Concen: 53.316 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

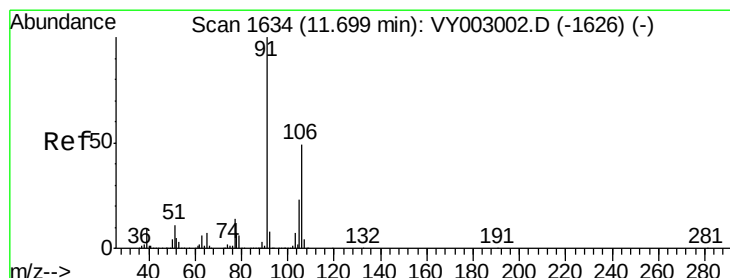
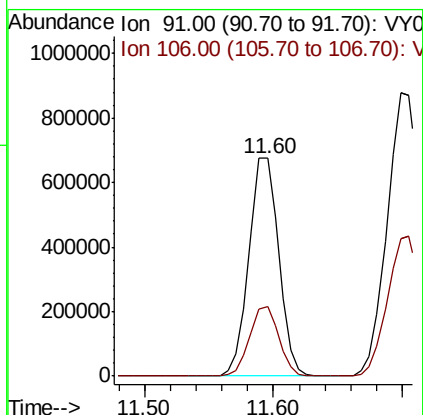
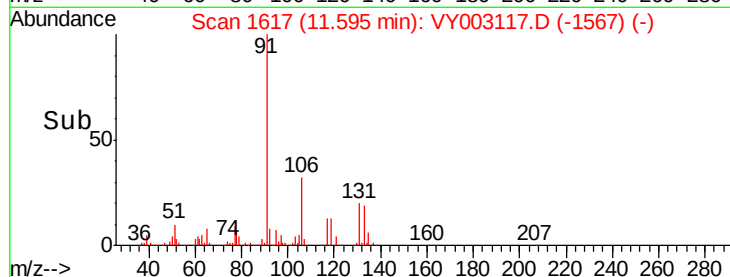
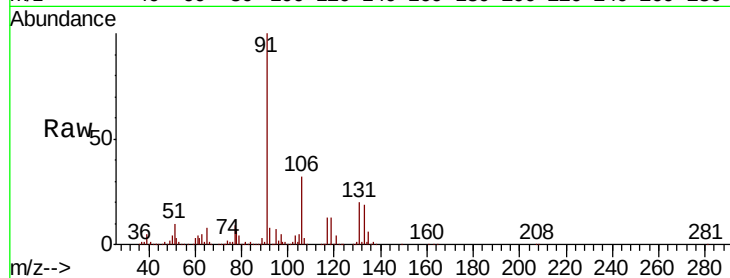
VSTDCCC050

Tot Ion: 91 Resp: 1076557

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 106.652 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VY003117.D

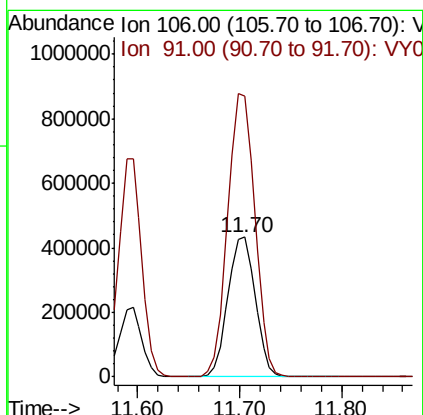
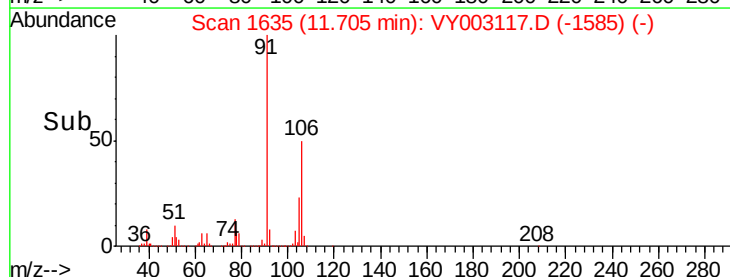
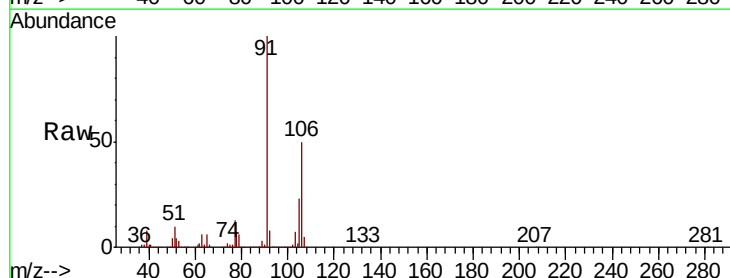
Acq: 07 Jul 2020 10:53

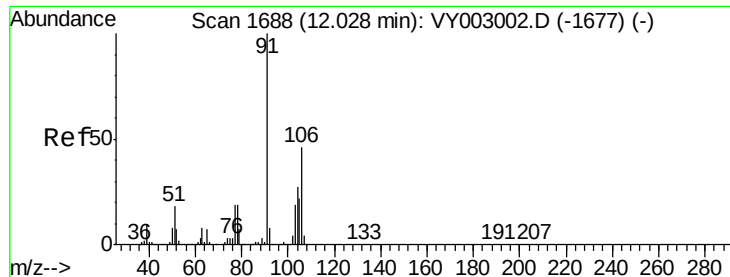
Tgt Ion: 106 Resp: 801499

Ion Ratio Lower Upper

106 100

91 202.2 161.9 242.9

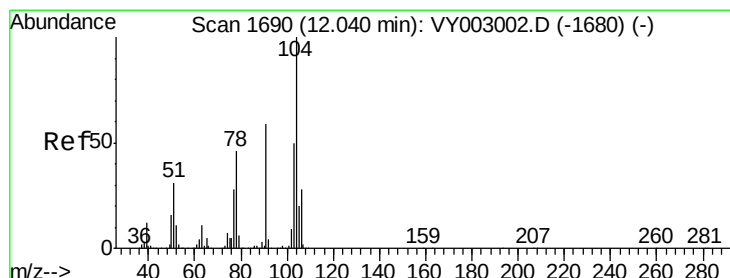
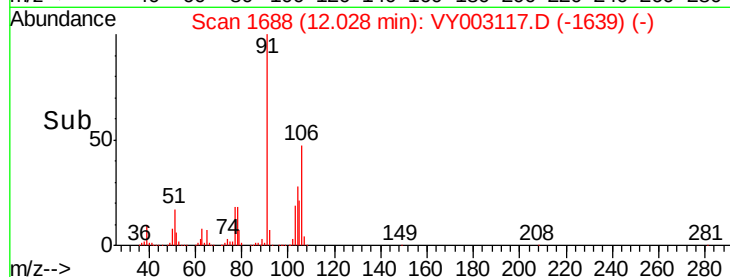
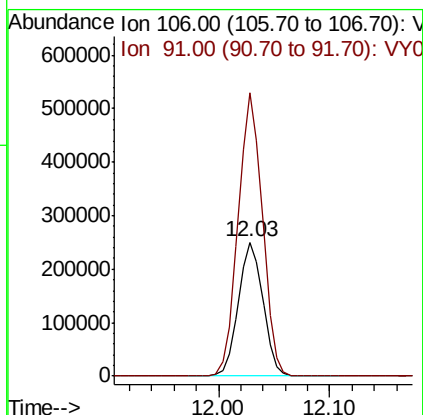
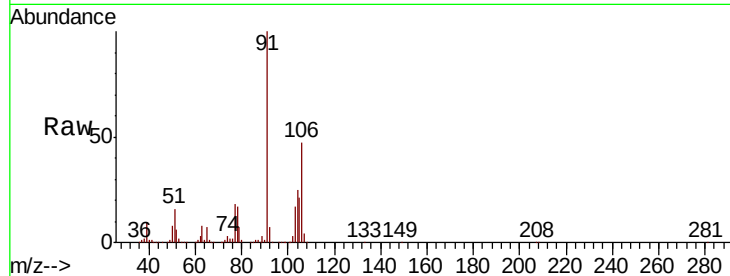




#69
o-Xylene
Concen: 54.170 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

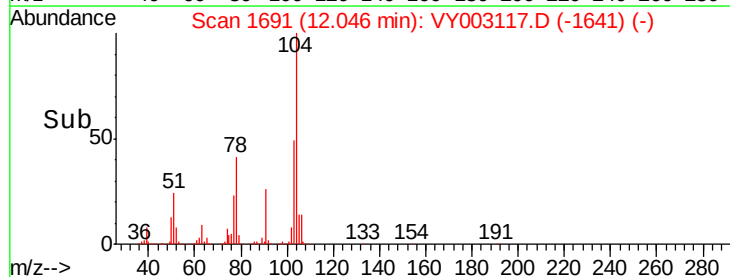
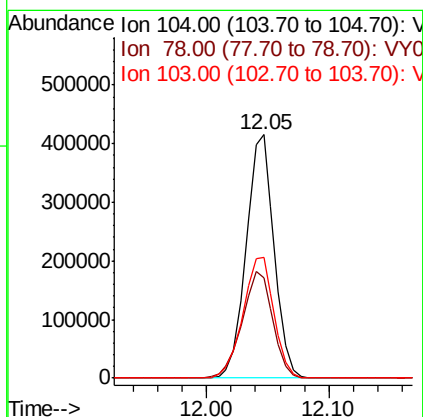
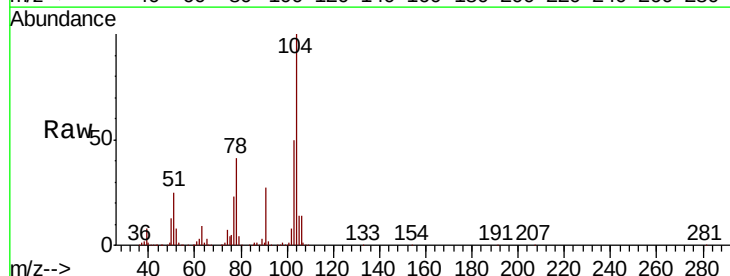
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

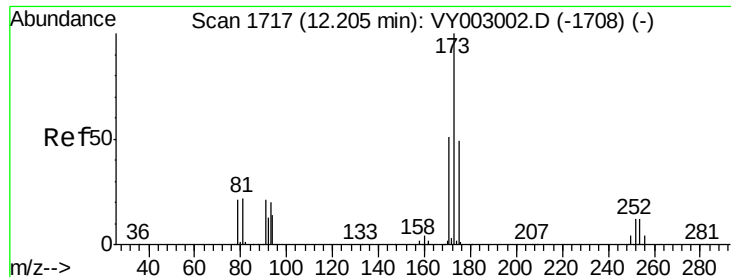
Tot Ion:106 Resp: 383611
Ion Ratio Lower Upper
106 100
91 209.0 107.9 323.8



#70
Styrene
Concen: 54.236 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion:104 Resp: 656164
Ion Ratio Lower Upper
104 100
78 48.3 40.4 60.6
103 55.1 44.1 66.1





#71

Bromoform

Concen: 54.743 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

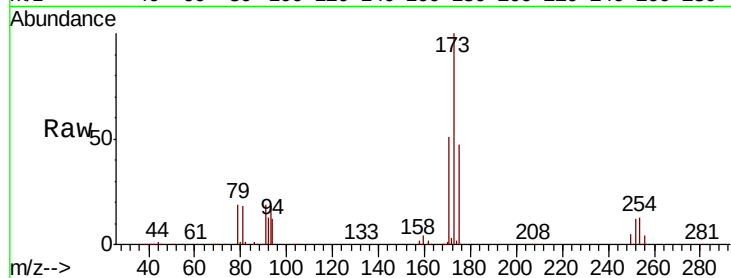
Tot Ion:173 Resp: 157298

Ion Ratio Lower Upper

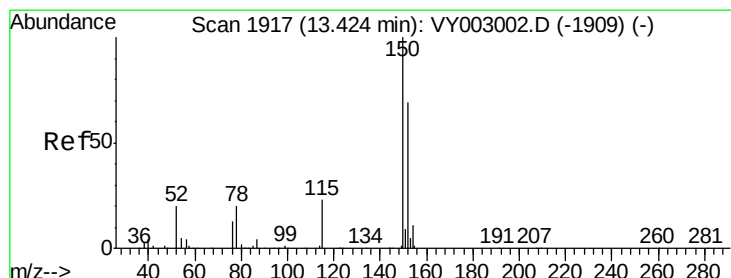
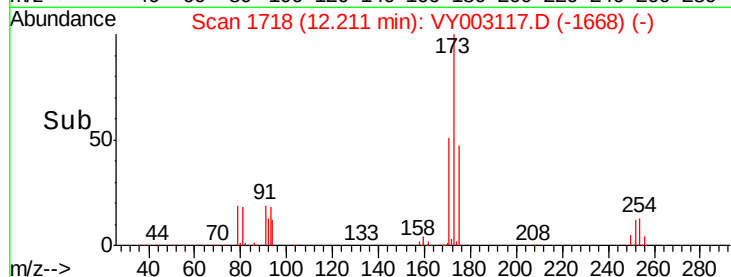
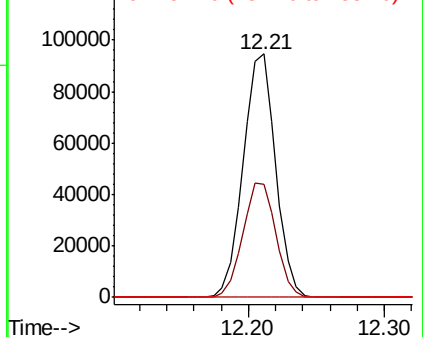
173 100

175 48.1 24.6 73.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

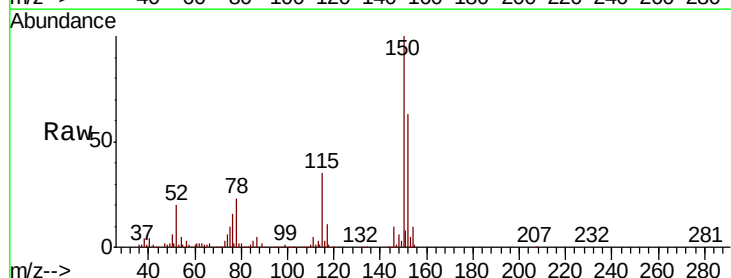
Tgt Ion:152 Resp: 296640

Ion Ratio Lower Upper

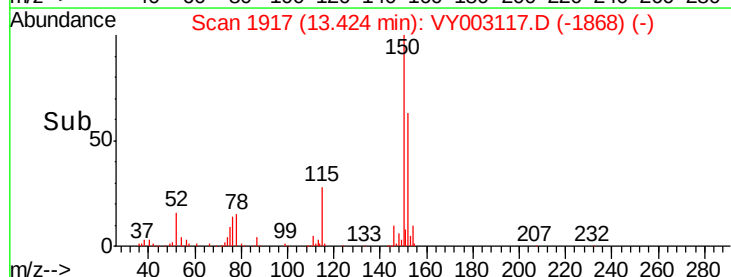
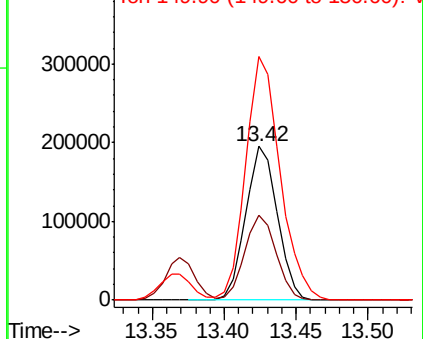
152 100

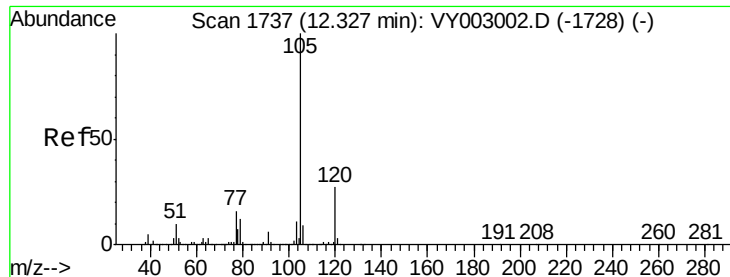
115 55.0 27.3 81.9

150 172.3 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.889 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

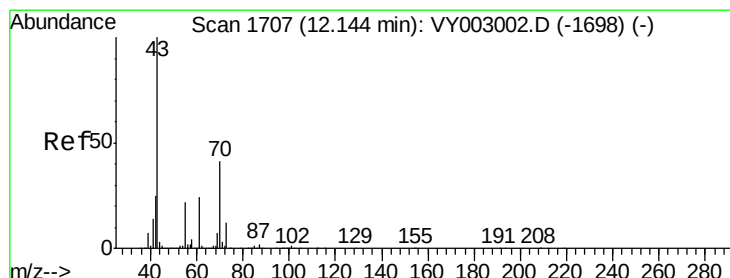
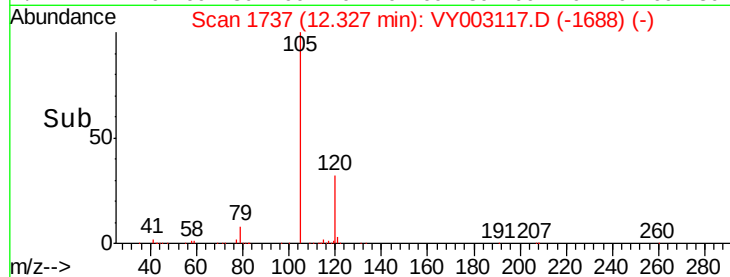
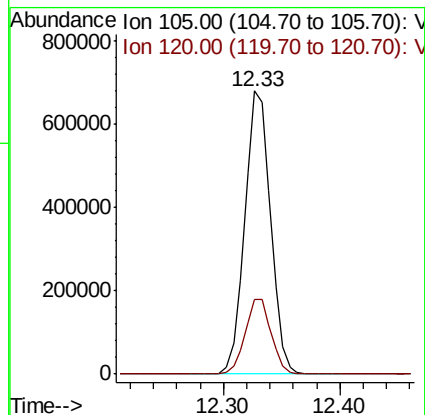
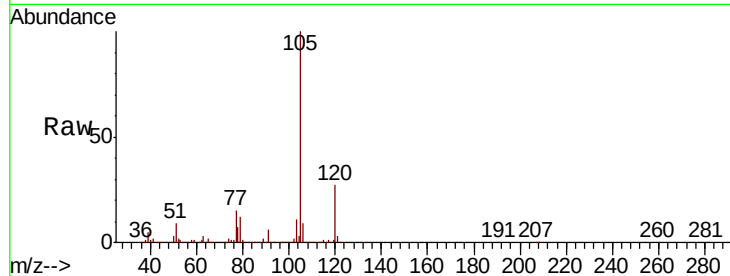
VSTDCCC050

Tot Ion:105 Resp: 1046190

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 49.366 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Tgt Ion: 43 Resp: 311997

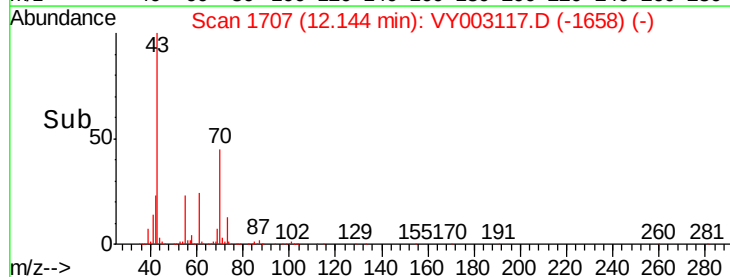
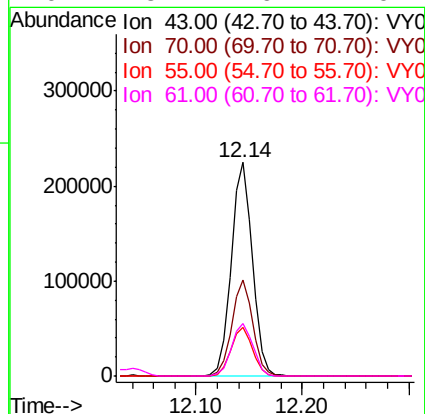
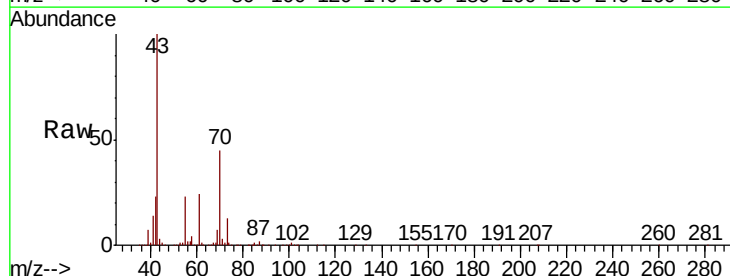
Ion Ratio Lower Upper

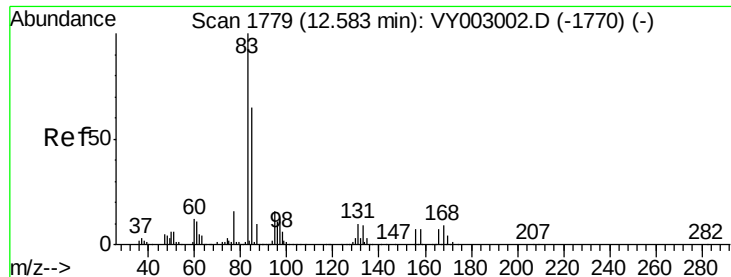
43 100

70 44.6 33.0 49.4

55 23.4 18.2 27.2

61 25.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.454 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

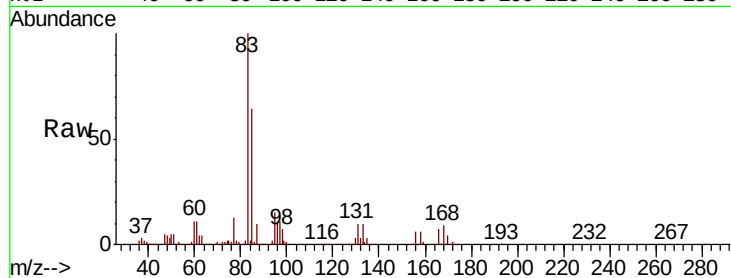
Tot Ion: 83 Resp: 201585

Ion Ratio Lower Upper

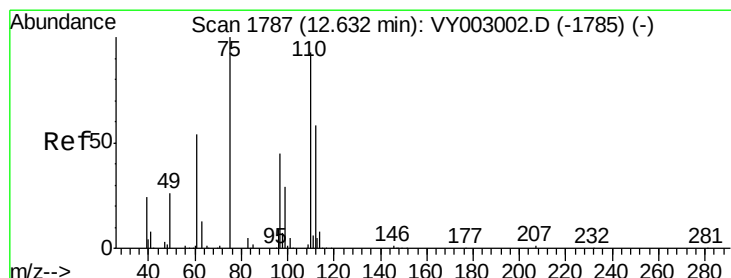
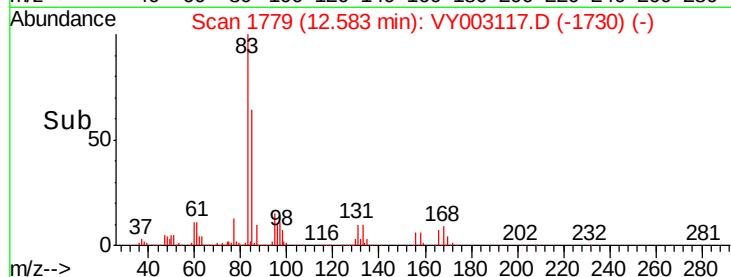
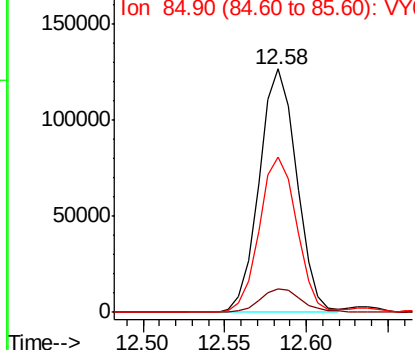
83 100

131 10.7 5.3 16.1

85 64.0 32.1 96.3



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: 97.597 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003117.D

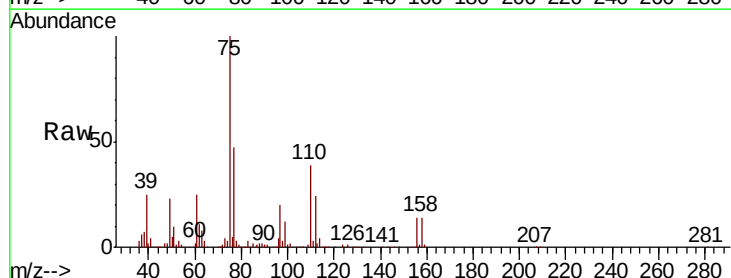
Acq: 07 Jul 2020 10:53

Tgt Ion: 75 Resp: 286529

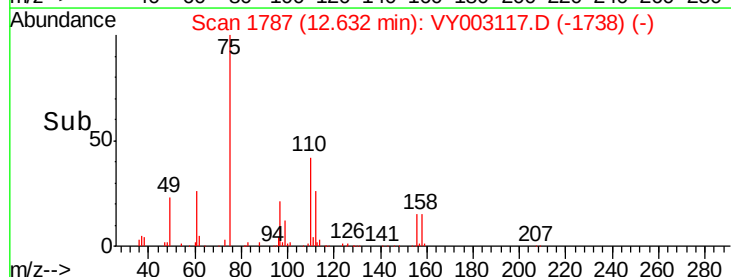
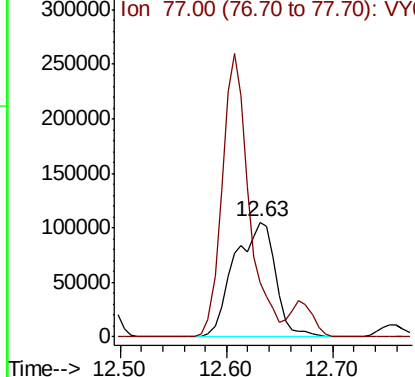
Ion Ratio Lower Upper

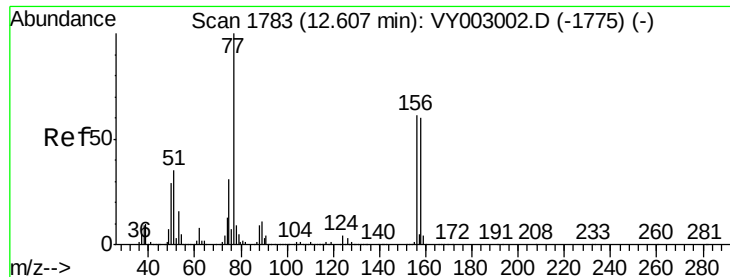
75 100

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: 53.200 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

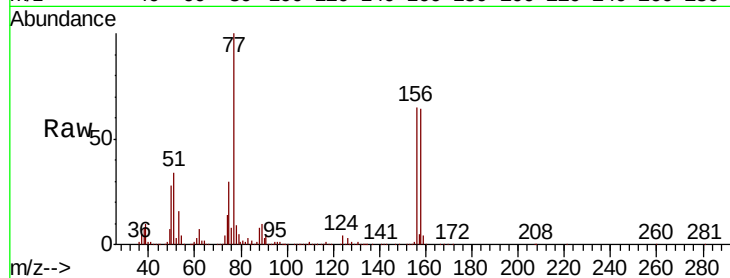
Tot Ion:156 Resp: 264811

Ion Ratio Lower Upper

156 100

77 173.0 90.0 270.0

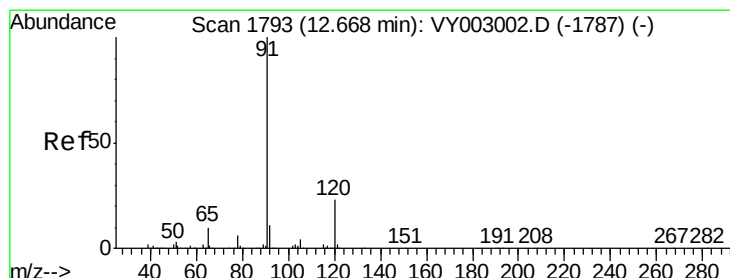
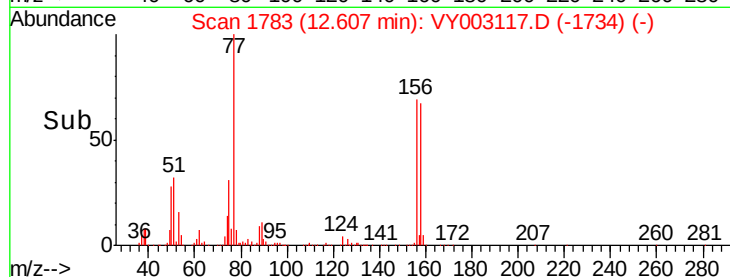
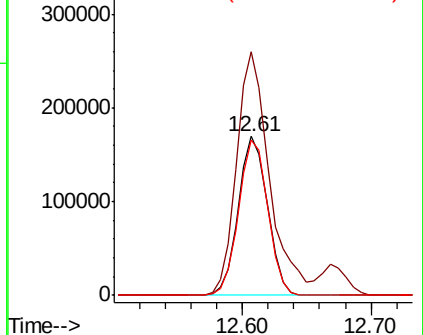
158 98.1 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.520 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003117.D

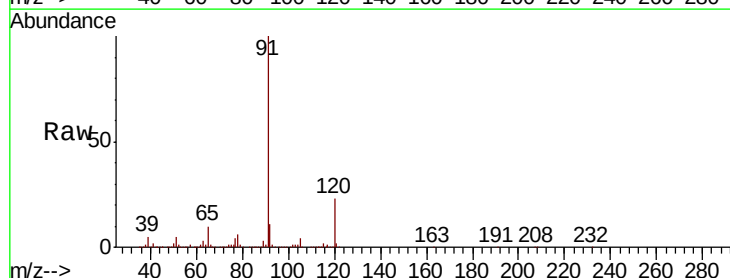
Acq: 07 Jul 2020 10:53

Tgt Ion: 91 Resp: 1249576

Ion Ratio Lower Upper

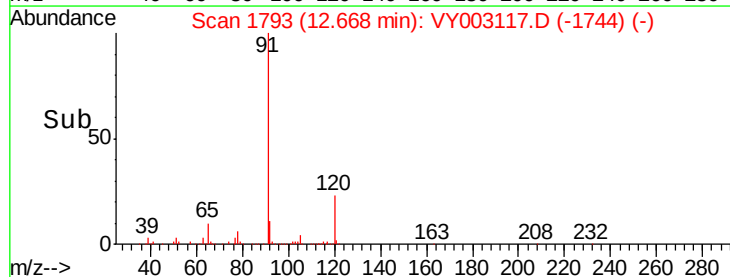
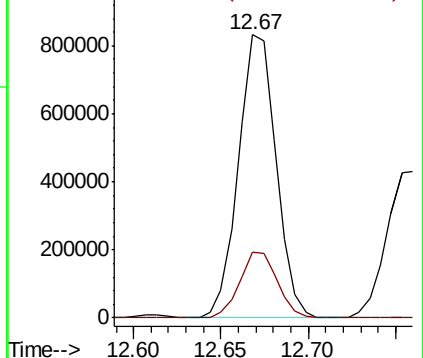
91 100

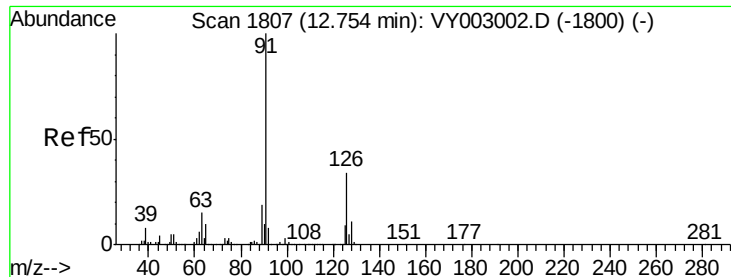
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

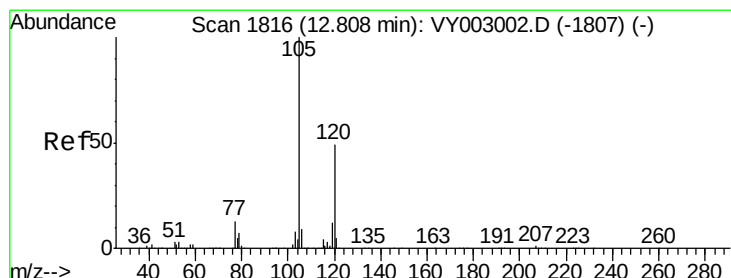
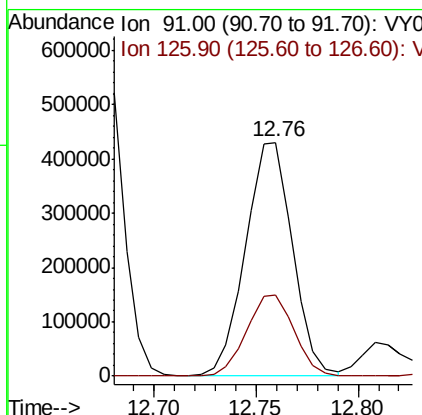
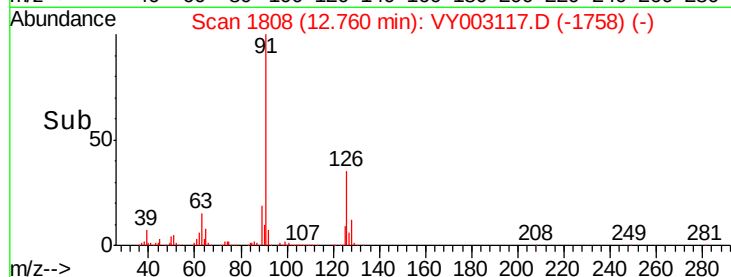
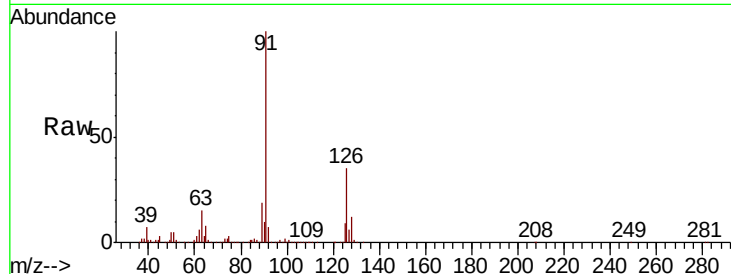




#79
 2-Chlorotoluene
 Concen: 52.957 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

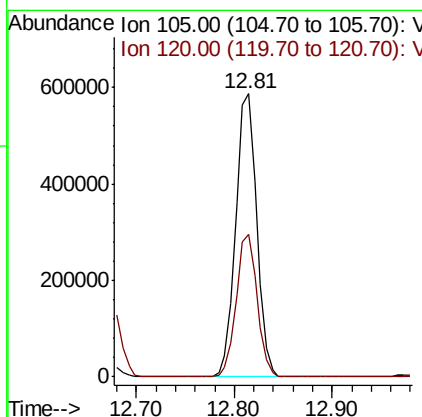
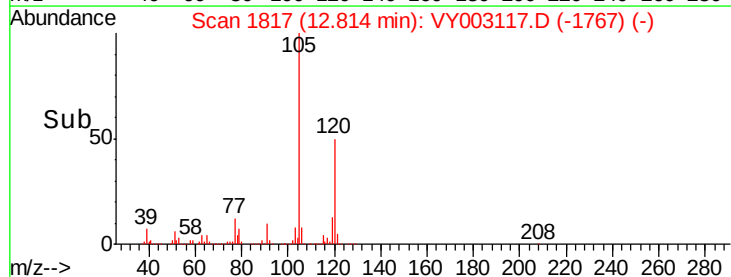
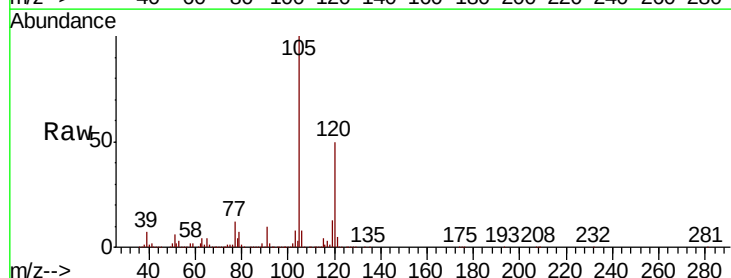
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

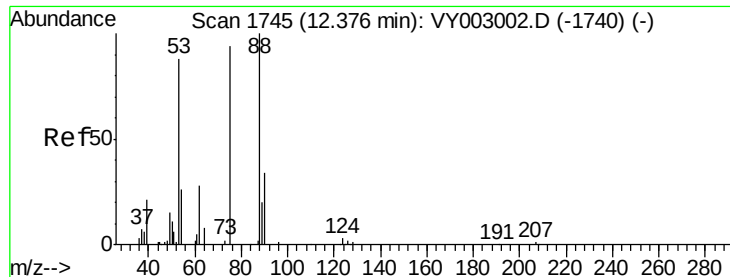
Tot Ion: 91 Resp: 690143
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.761 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion: 105 Resp: 875818
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.816 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

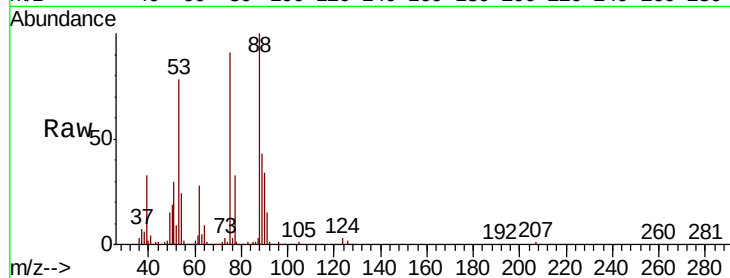
Tot Ion: 75 Resp: 78189

Ion Ratio Lower Upper

75 100

53 87.3 73.9 110.9

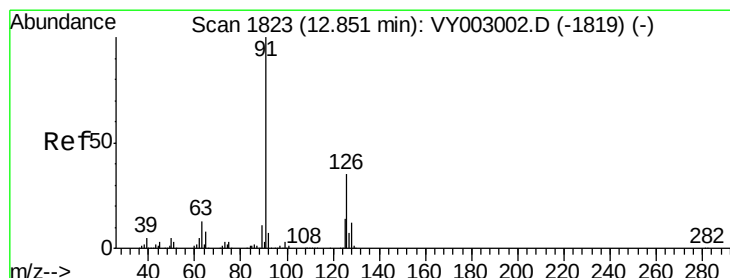
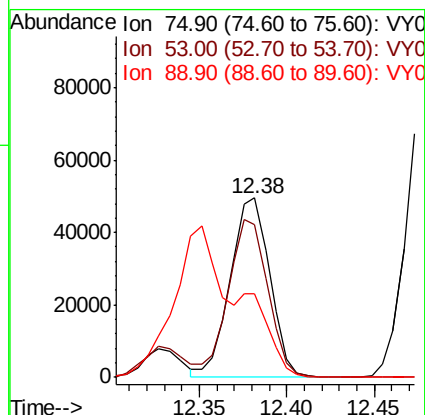
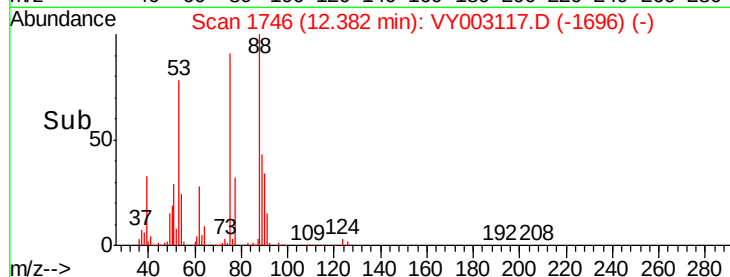
89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 53.276 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003117.D

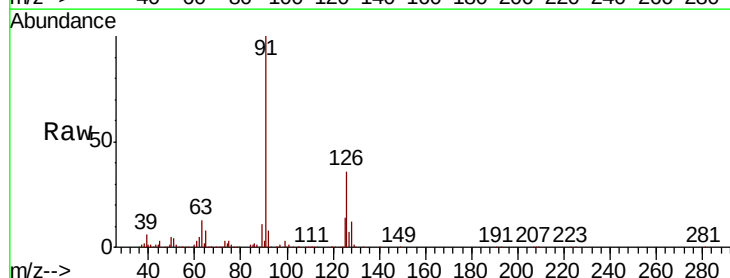
Acq: 07 Jul 2020 10:53

Tgt Ion: 91 Resp: 722882

Ion Ratio Lower Upper

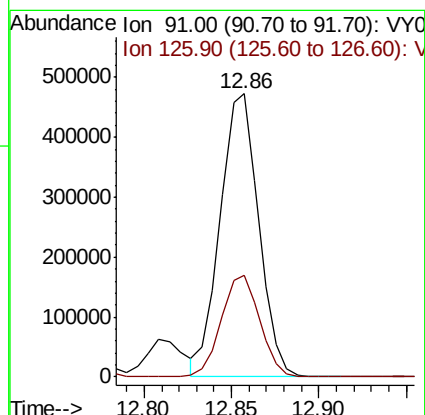
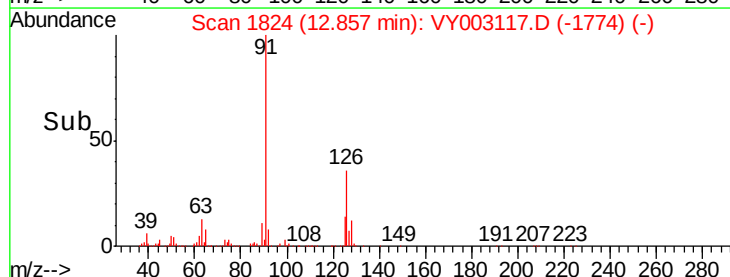
91 100

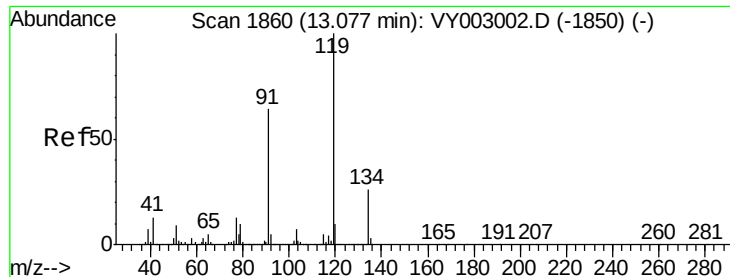
126 35.9 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

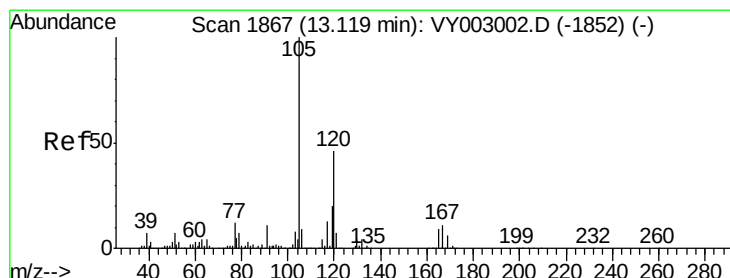
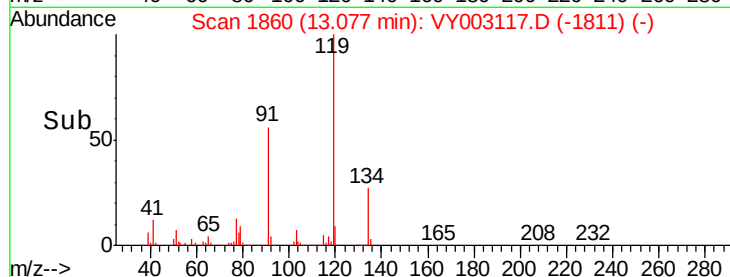
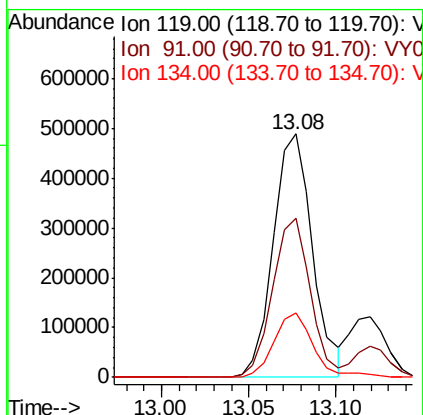
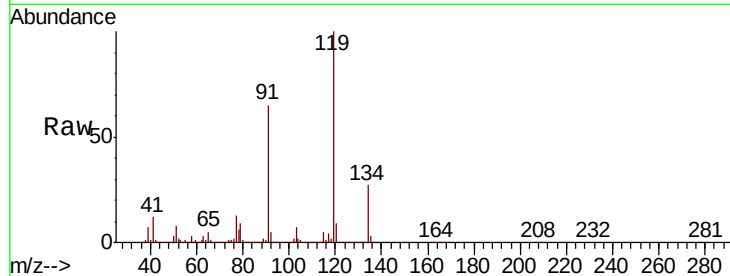




#83
 tert-Butylbenzene
 Concen: 53.534 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

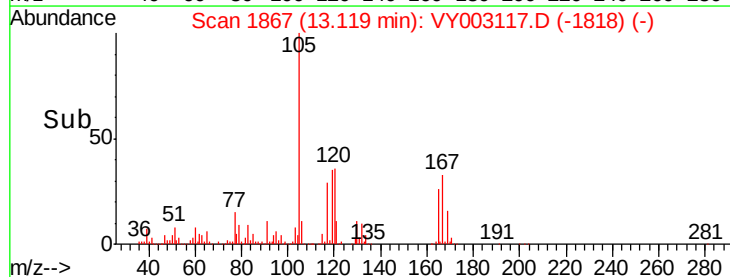
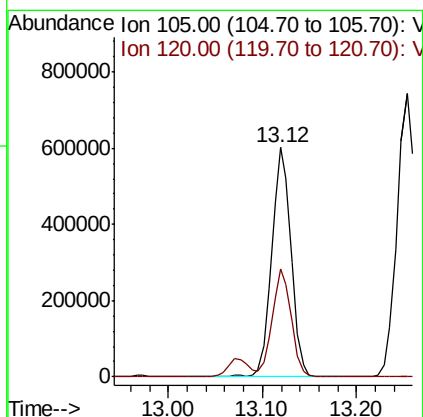
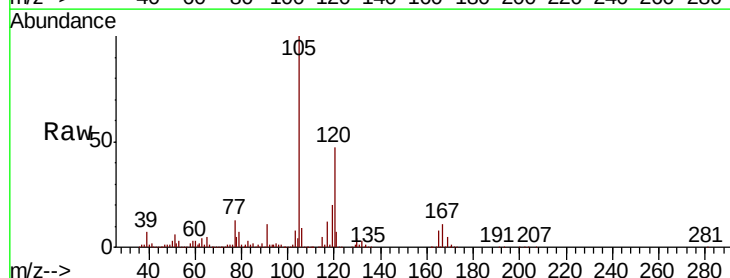
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

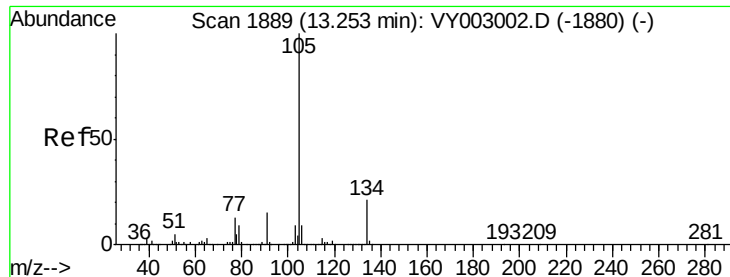
Tot Ion:119 Resp: 765784
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.6 95.0
 134 26.8 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 53.260 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion:105 Resp: 874303
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 54.402 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

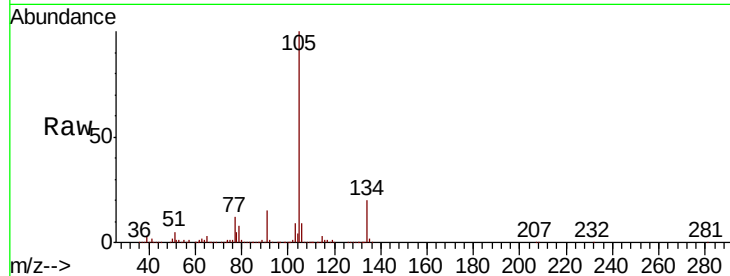
VSTDCCC050

Tot Ion:105 Resp: 1072632

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

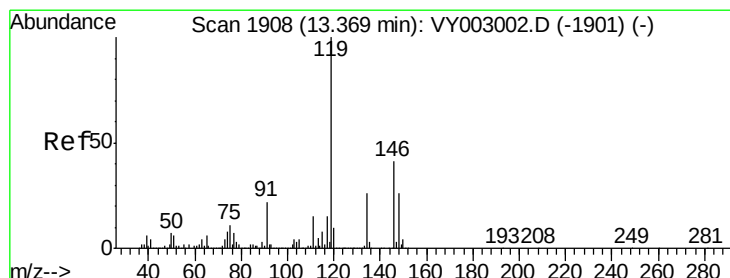
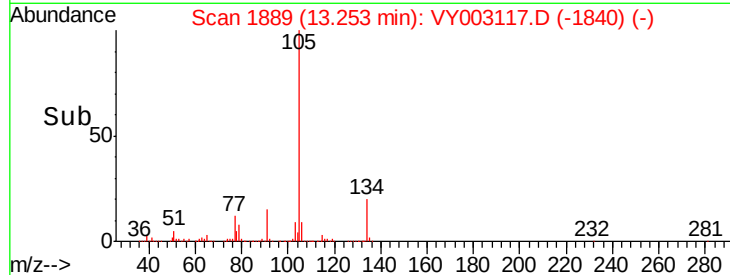
200000

0

13.20

13.30

Time-->



#86

p-Isopropyltoluene

Concen: 54.671 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

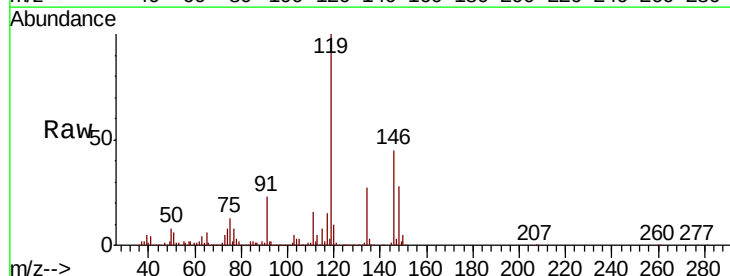
Tgt Ion:119 Resp: 998834

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.6 11.5 34.5



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

800000

600000

400000

200000

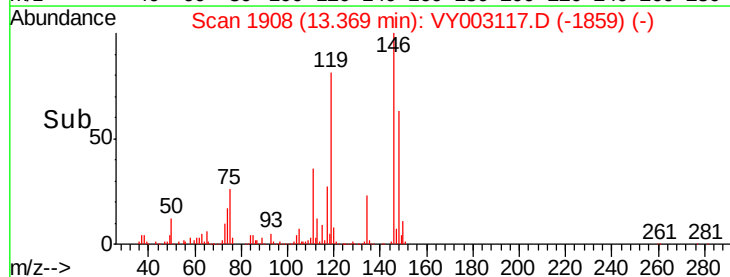
0

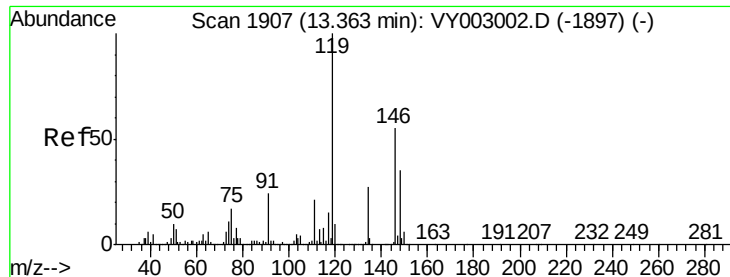
13.30

13.35

13.40

Time-->

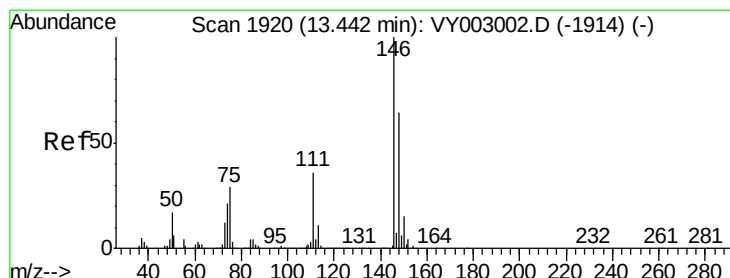
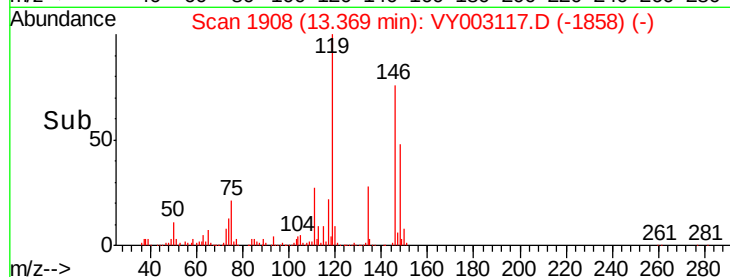
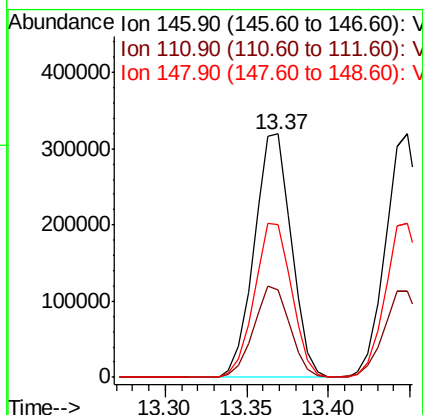
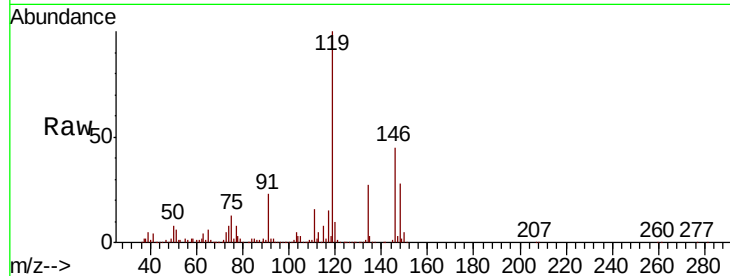




#87
 1,3-Dichlorobenzene
 Concen: 54.403 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

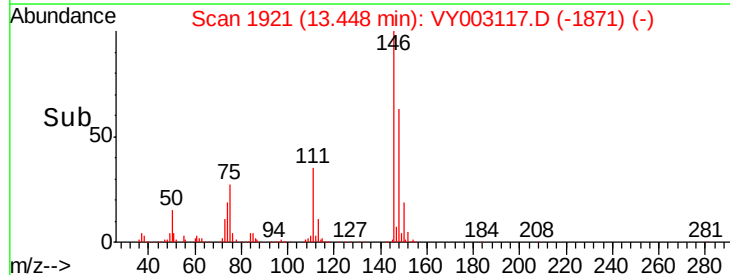
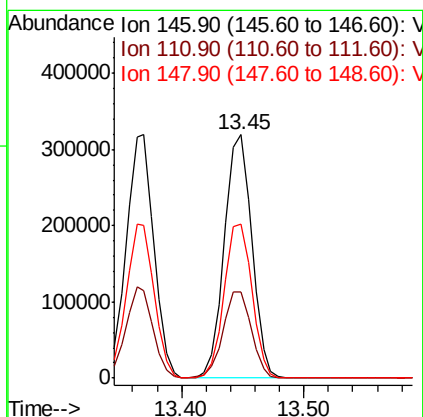
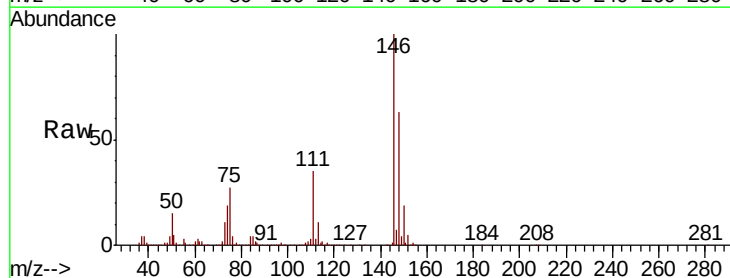
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

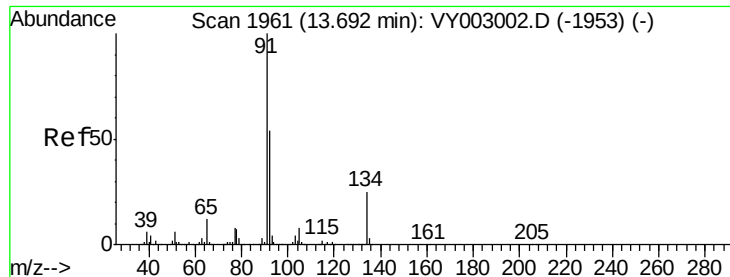
Tot Ion:146 Resp: 505576
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.8 56.3
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 54.177 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion:146 Resp: 496462
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.4
 148 64.2 32.3 96.9

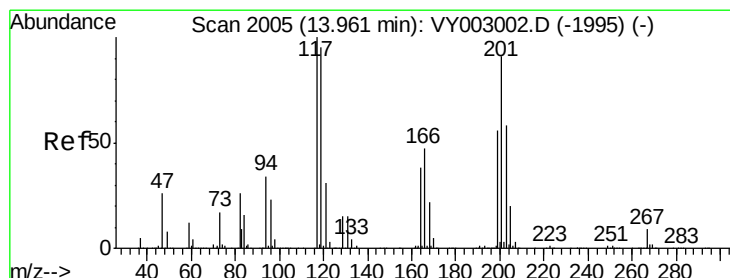
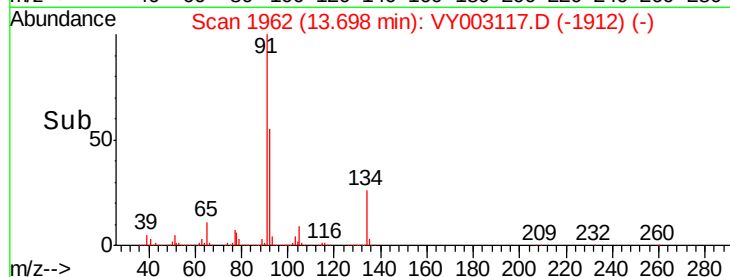
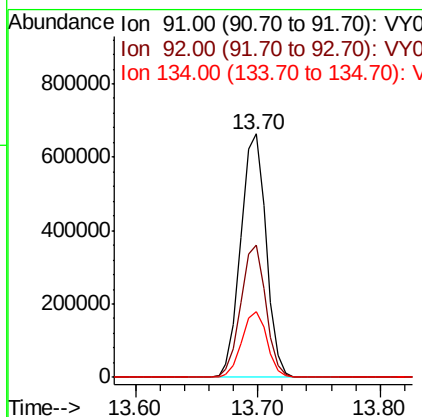
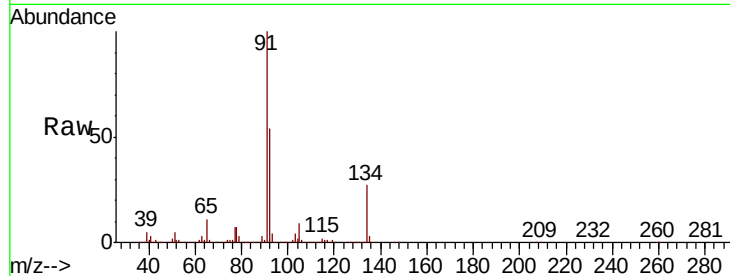




#89
n-Butylbenzene
Concen: 54.438 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

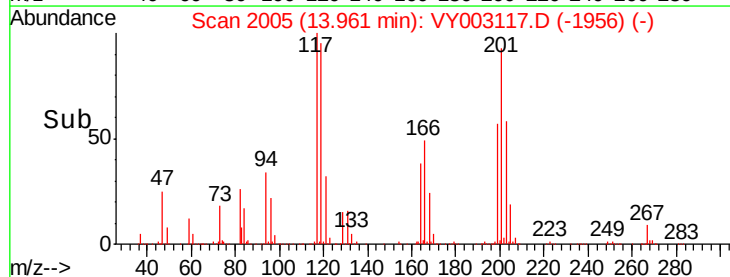
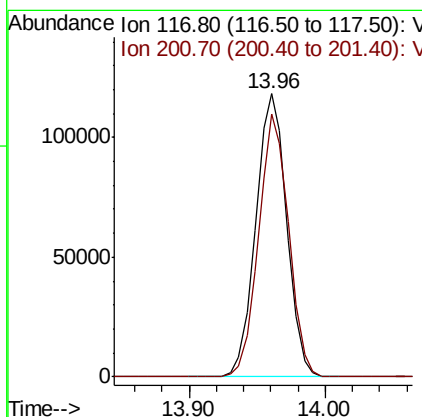
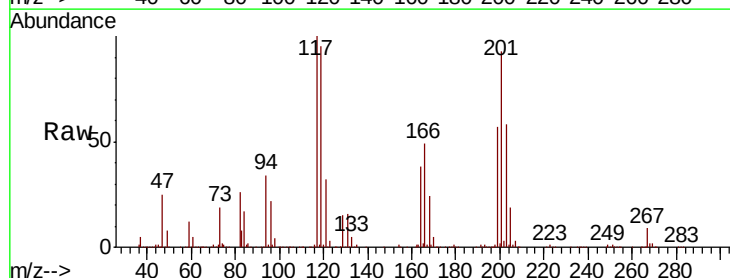
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

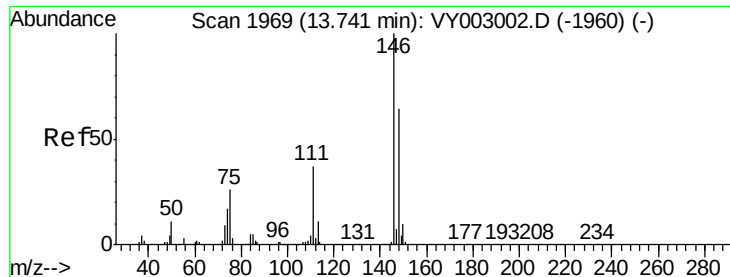
Tot Ion: 91 Resp: 951605
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 27.0 13.1 39.1



#90
Hexachloroethane
Concen: 51.954 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003117.D
Acq: 07 Jul 2020 10:53

Tgt Ion: 117 Resp: 188482
Ion Ratio Lower Upper
117 100
201 90.3 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 53.487 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

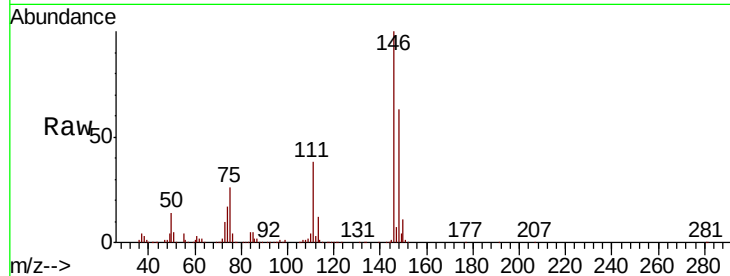
Tot Ion:146 Resp: 445974

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 64.2 31.8 95.3

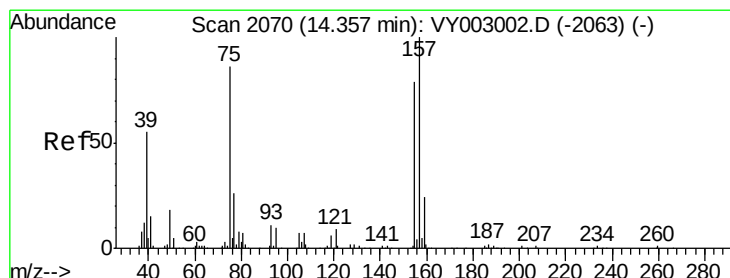
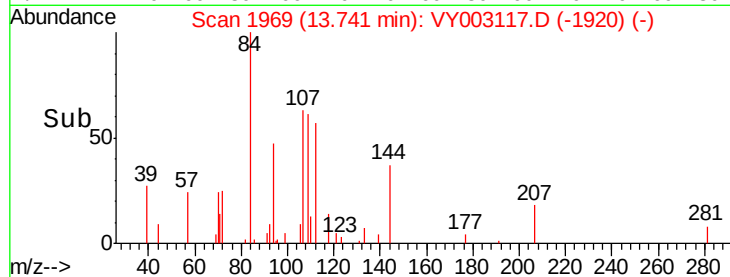
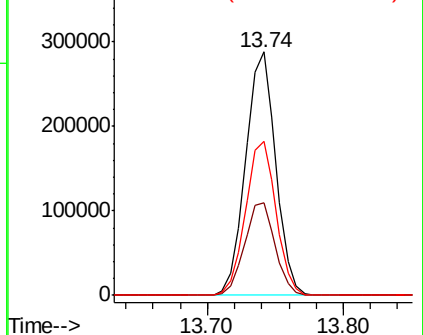


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.004 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

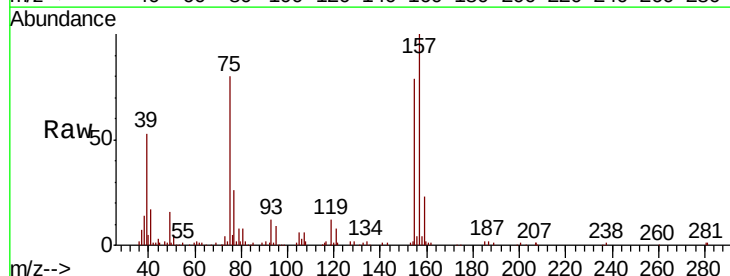
Tgt Ion: 75 Resp: 36067

Ion Ratio Lower Upper

75 100

155 94.8 46.5 139.3

157 121.3 59.2 177.5

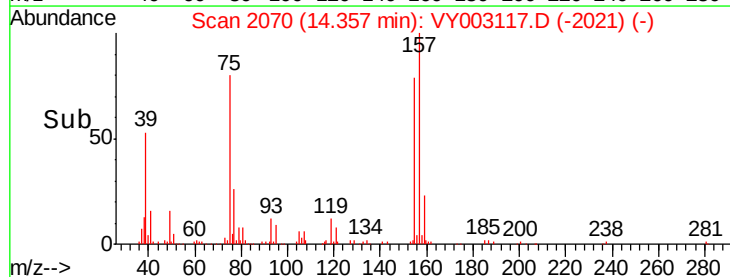
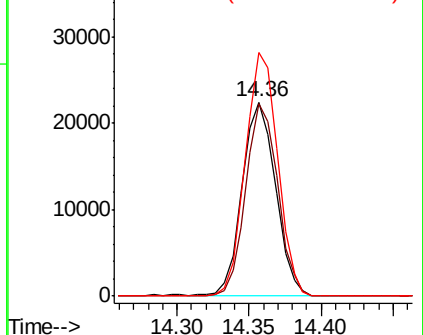


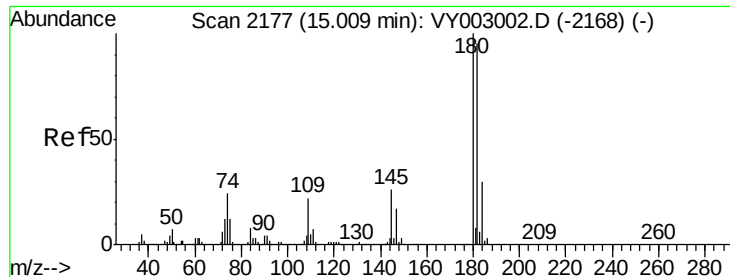
Abundance

Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

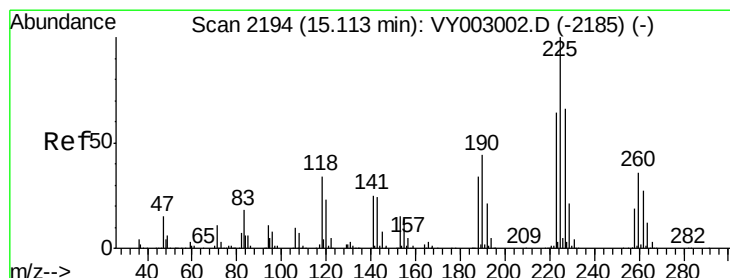
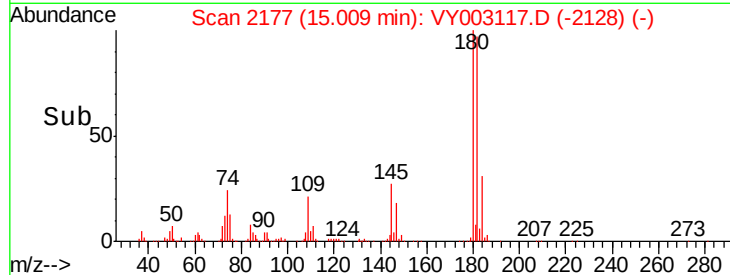
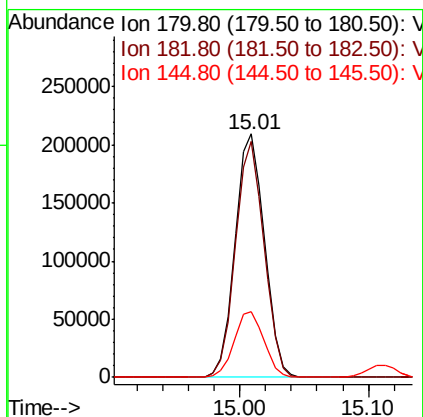
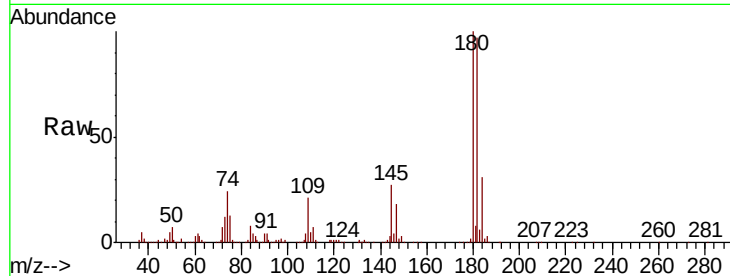




#93
 1,2,4-Trichlorobenzene
 Concen: 53.365 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

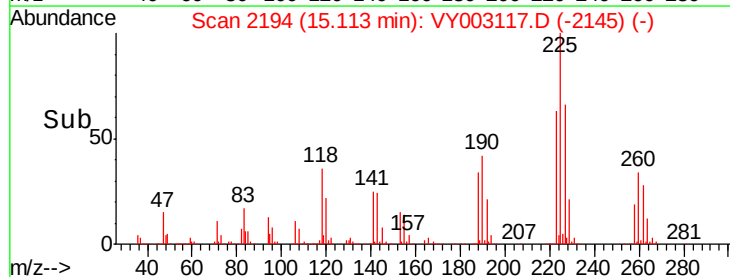
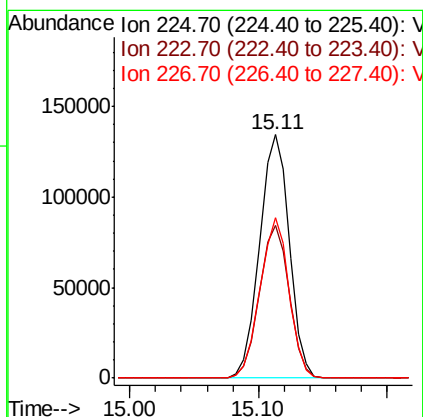
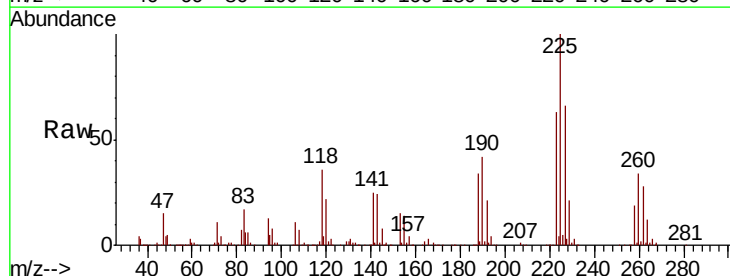
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

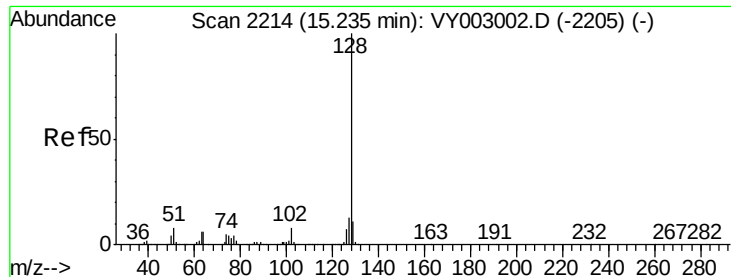
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.1	144.3
145	27.4	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 54.734 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003117.D
 Acq: 07 Jul 2020 10:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.4	97.0
227	64.2	32.4	97.2





#95

Naphthalene

Concen: 52.319 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

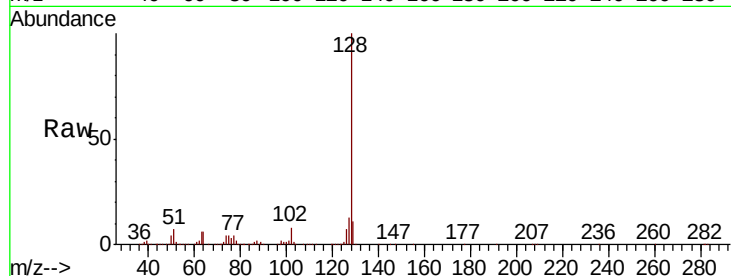
Tot Ion:128 Resp: 592064

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

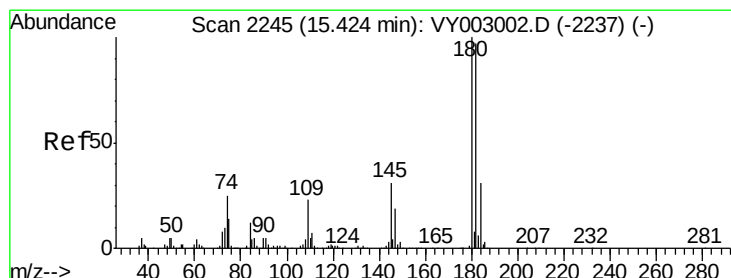
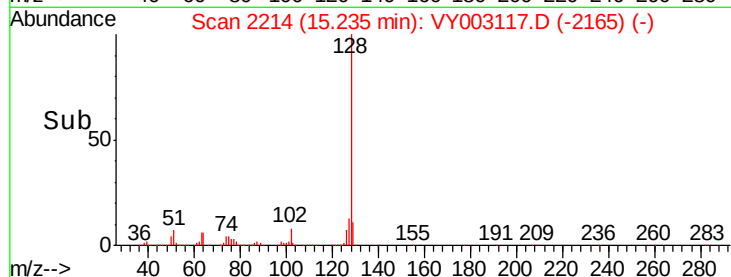
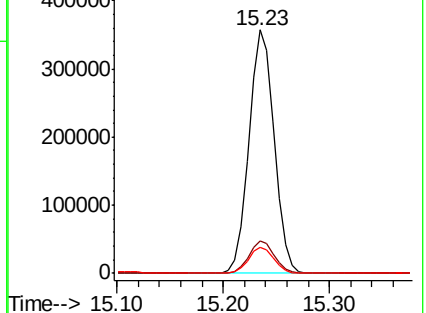
129 10.6 8.8 13.2



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: 52.102 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003117.D

Acq: 07 Jul 2020 10:53

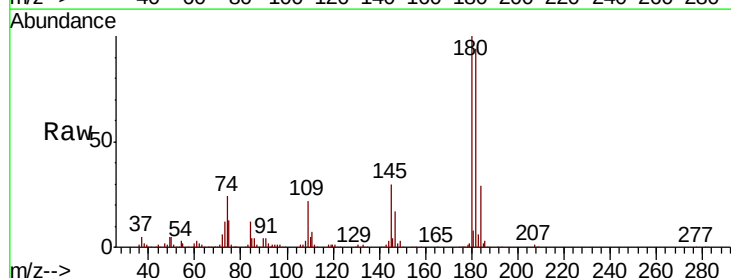
Tgt Ion:180 Resp: 280306

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.3

145 29.3 14.7 44.1



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

