

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072720\
 Data File : VY003352.D
 Acq On : 27 Jul 2020 13:12
 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 28 05:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	498261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	730427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	657204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	352900	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	206270	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	7.72	113	204990	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
50) Toluene-d8	10.18	98	736525	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.48	95	270963	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	147497	41.302	ug/l	99
3) Chloromethane	2.12	50	217549	43.918	ug/l	99
4) Vinyl Chloride	2.26	62	238434	46.914	ug/l	99
5) Bromomethane	2.65	94	181892	48.183	ug/l	96
6) Chloroethane	2.80	64	158829	47.580	ug/l	100
7) Trichlorofluoromethane	3.13	101	360176	49.623	ug/l	99
8) Diethyl Ether	3.53	74	127115	52.264	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	222753	50.815	ug/l	99
10) Methyl Iodide	4.10	142	241082	50.621	ug/l	99
11) Tert butyl alcohol	4.97	59	124526	273.835	ug/l	97
12) 1,1-Dichloroethene	3.88	96	207561	50.061	ug/l	99
13) Acrolein	3.74	56	72735	184.275	ug/l	99
14) Allyl chloride	4.49	41	350233	56.927	ug/l	95
15) Acrylonitrile	5.17	53	327796	280.570	ug/l	99
16) Acetone	3.96	43	280087	298.161	ug/l	98
17) Carbon Disulfide	4.20	76	590528	46.415	ug/l	98
18) Methyl Acetate	4.49	43	153795	58.953	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	624632	53.759	ug/l	98
20) Methylene Chloride	4.72	84	277256	59.731	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	241831	51.568	ug/l	96
22) Diisopropyl ether	6.13	45	778909	57.045	ug/l	96
23) Vinyl Acetate	6.07	43	2547575	279.928	ug/l	100
24) 1,1-Dichloroethane	6.03	63	430275	54.393	ug/l	99
25) 2-Butanone	6.99	43	439102	284.691	ug/l	100
26) 2,2-Dichloropropane	6.99	77	402880	56.552	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	274843	53.230	ug/l	97
28) Bromochloromethane	7.34	49	188098	54.921	ug/l	98
29) Tetrahydrofuran	7.35	42	288705	278.634	ug/l	97
30) Chloroform	7.51	83	434894	53.379	ug/l	99
31) Cyclohexane	7.78	56	380161	49.699	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	396656	54.079	ug/l	98
36) 1,1-Dichloropropene	7.92	75	338882	51.190	ug/l	99
37) Ethyl Acetate	7.08	43	195147	54.738	ug/l	98
38) Carbon Tetrachloride	7.90	117	360402	52.734	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	413253	49.692	ug/l	97
40) Benzene	8.16	78	955261	52.405	ug/l	97
41) Methacrylonitrile	7.33	41	111477m	51.918	ug/l	
42) 1,2-Dichloroethane	8.24	62	290603	51.785	ug/l	99
43) Isopropyl Acetate	8.27	43	374354	54.248	ug/l	99
44) Trichloroethene	8.94	130	279407	50.002	ug/l	96
45) 1,2-Dichloropropane	9.22	63	256237	54.326	ug/l	98
46) Dibromomethane	9.31	93	139643	50.690	ug/l	98
47) Bromodichloromethane	9.50	83	351491	53.647	ug/l	97
48) Methyl methacrylate	9.30	41	169948	55.088	ug/l	97
49) 1,4-Dioxane	9.30	88	37183	1063.488	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	979127	272.980	ug/l	99
52) Toluene	10.24	92	607081	52.106	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	368532	54.289	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	421312	53.866	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	201519	51.623	ug/l	98
56) Ethyl methacrylate	10.51	69	287504	54.172	ug/l	97
57) 1,3-Dichloropropane	10.79	76	350774	52.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	718614	265.497	ug/l	98
59) 2-Hexanone	10.83	43	691076	276.005	ug/l	100
60) Dibromochloromethane	10.99	129	259464	52.845	ug/l	99
61) 1,2-Dibromoethane	11.09	107	193701	50.275	ug/l	99
64) Tetrachloroethene	10.72	164	276318	47.154	ug/l	99
65) Chlorobenzene	11.52	112	677747	53.532	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	266383	54.172	ug/l	99
67) Ethyl Benzene	11.59	91	1213643	53.688	ug/l	99
68) m/p-Xylenes	11.70	106	917832	107.008	ug/l	99
69) o-Xylene	12.03	106	433654	54.119	ug/l	99
70) Styrene	12.05	104	754049	55.010	ug/l	99
71) Bromoform	12.20	173	176502	54.689	ug/l	100
73) Isopropylbenzene	12.33	105	1201696	53.434	ug/l	99
74) N-amyl acetate	12.14	43	345130	54.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	239365	55.109	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	169998m	54.421	ug/l	
77) Bromobenzene	12.61	156	301027	52.512	ug/l	99
78) n-propylbenzene	12.67	91	1420786	53.596	ug/l	100
79) 2-Chlorotoluene	12.75	91	791094	53.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	999211	53.309	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	85798	53.454	ug/l	96
82) 4-Chlorotoluene	12.85	91	826456	53.535	ug/l	100
83) tert-Butylbenzene	13.08	119	894899	54.109	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	1009364	53.521	ug/l	99
85) sec-Butylbenzene	13.25	105	1226403	53.952	ug/l	99
86) p-Isopropyltoluene	13.37	119	1133310	53.396	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	581667	53.657	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	567776	52.902	ug/l	99
89) n-Butylbenzene	13.70	91	1079166	54.055	ug/l	100
90) Hexachloroethane	13.96	117	221684	57.354	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	505331	53.118	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	36122	51.297	ug/l	99

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Quant Title : SW846 8260
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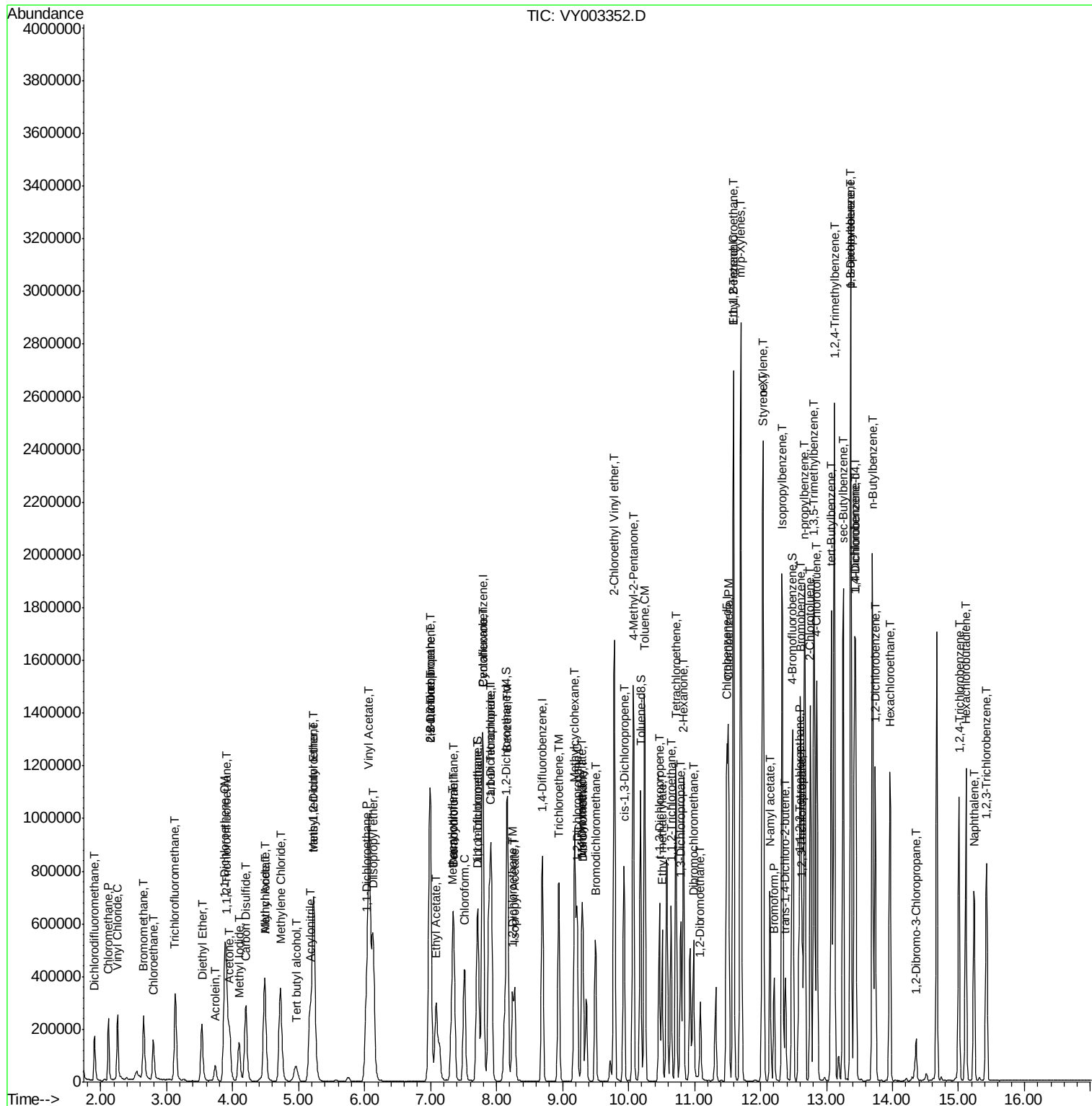
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	361721	53.447	ug/l	100
94) Hexachlorobutadiene	15.11	225	235648	50.815	ug/l	99
95) Naphthalene	15.23	128	602444	53.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	286910	53.629	ug/l	98

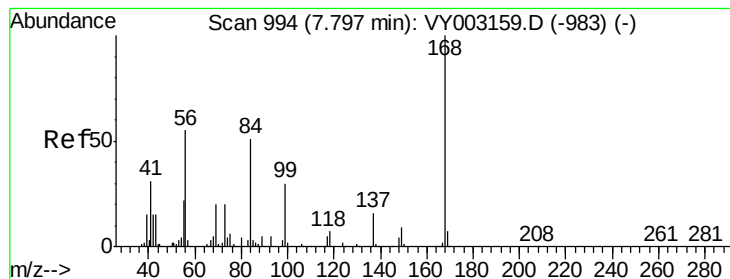
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

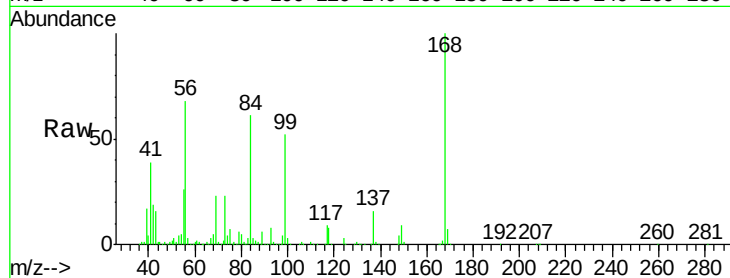
VSTDCCC050

Tot Ion:168 Resp: 498261

Ion Ratio Lower Upper

168 100

99 51.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.79

250000

200000

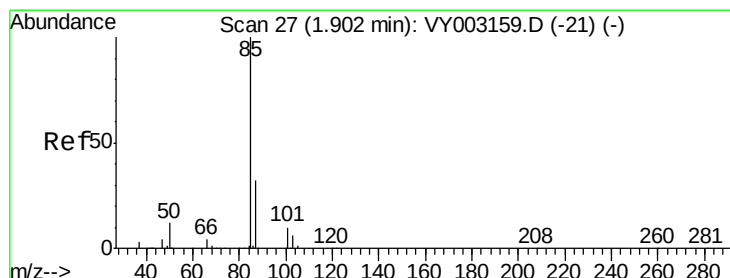
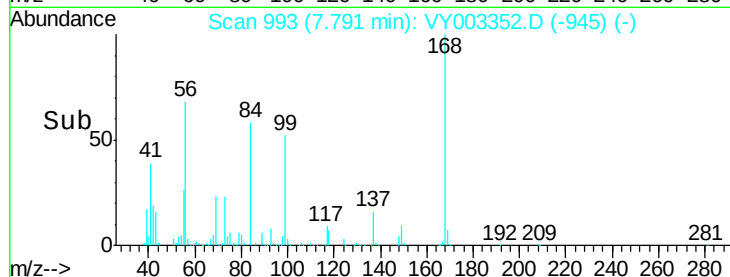
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.302 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003352.D

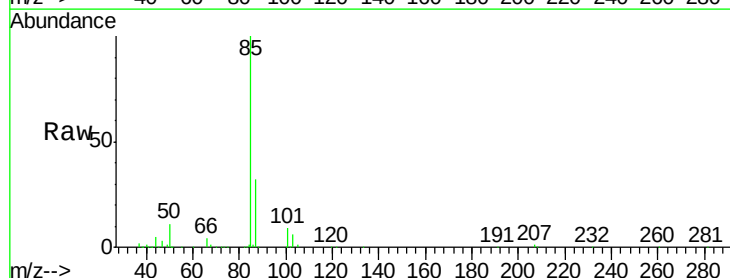
Acq: 27 Jul 2020 13:12

Tgt Ion: 85 Resp: 147497

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

100000

80000

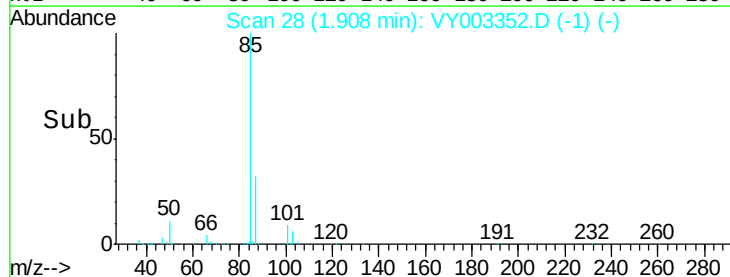
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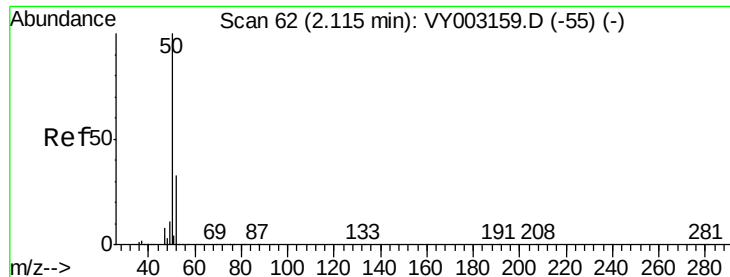
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20000

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Time-->

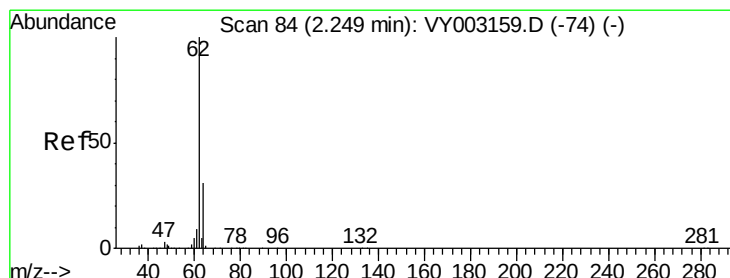
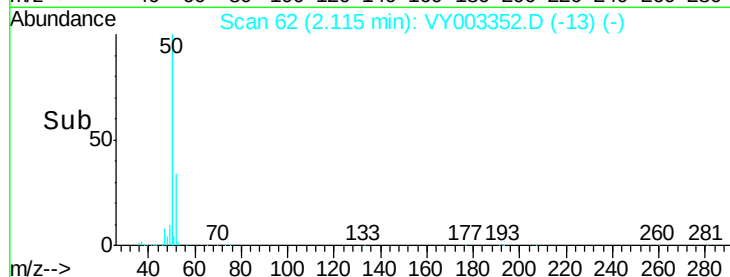
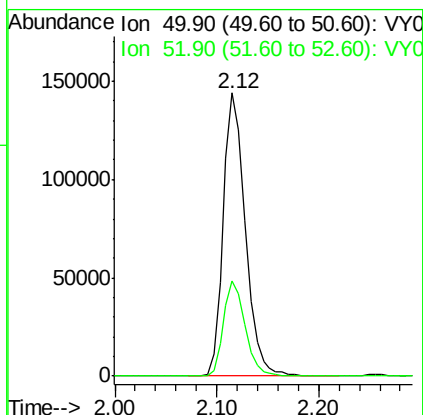
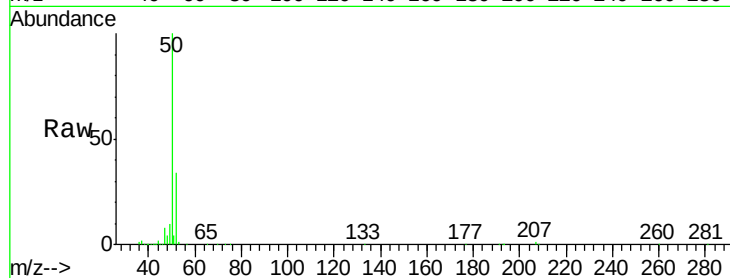




#3
Chloromethane
Concen: 43.918 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

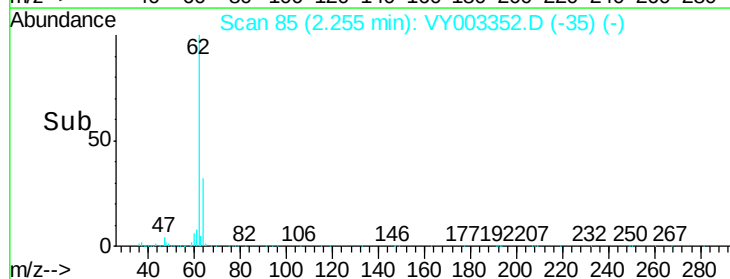
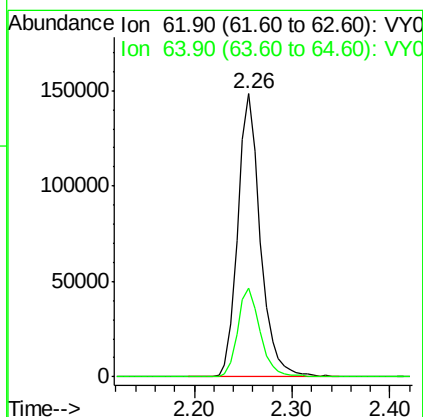
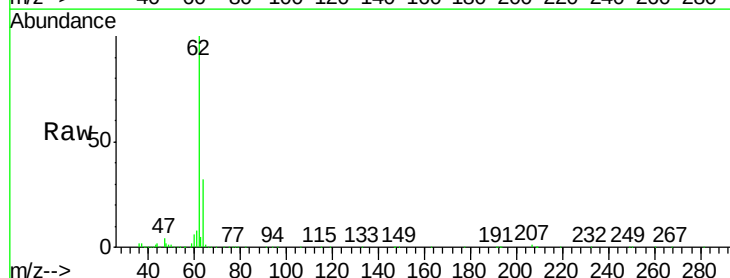
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

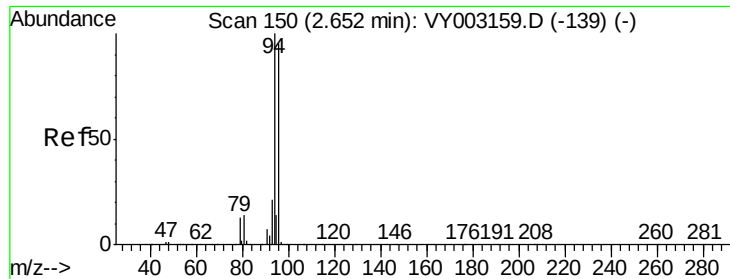
Tot Ion: 50 Resp: 217549
Ion Ratio Lower Upper
50 100
52 33.5 26.6 39.8



#4
Vinyl Chloride
Concen: 46.914 ug/l
RT: 2.26 min Scan# 85
Delta R.T. 0.01 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion: 62 Resp: 238434
Ion Ratio Lower Upper
62 100
64 31.6 24.6 37.0





#5

Bromomethane

Concen: 48.183 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

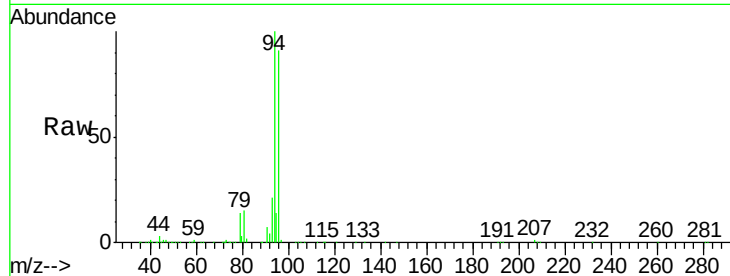
VSTDCCC050

Tot Ion: 94 Resp: 181892

Ion Ratio Lower Upper

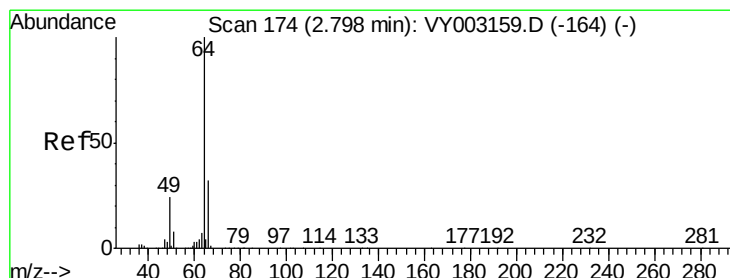
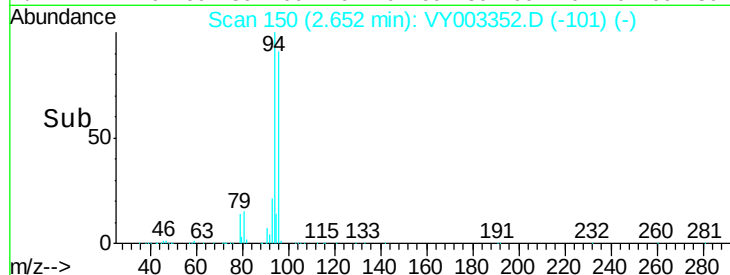
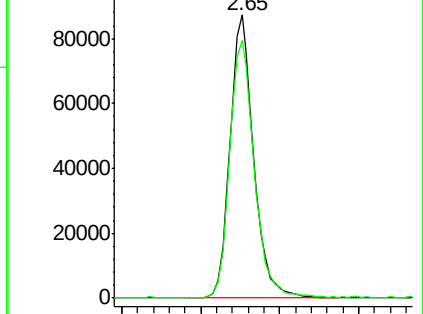
94 100

96 90.7 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.580 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003352.D

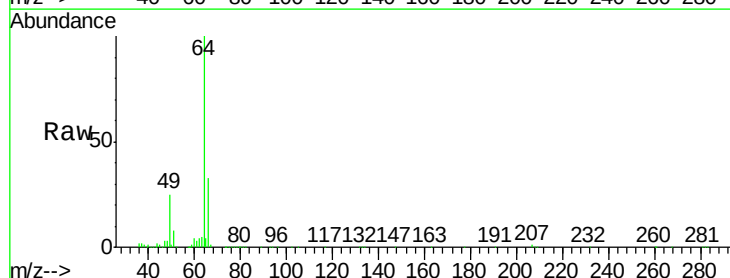
Acq: 27 Jul 2020 13:12

Tgt Ion: 64 Resp: 158829

Ion Ratio Lower Upper

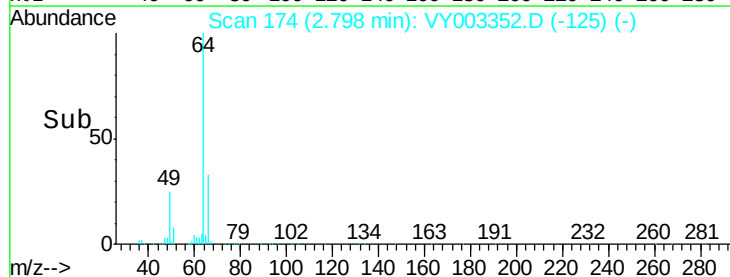
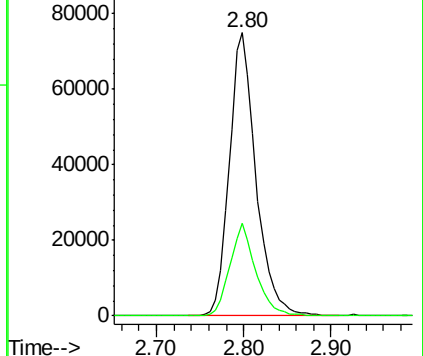
64 100

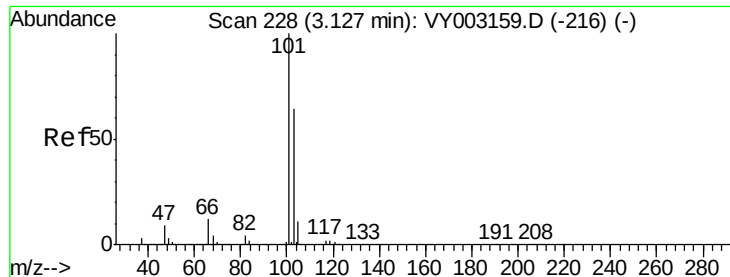
66 32.7 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



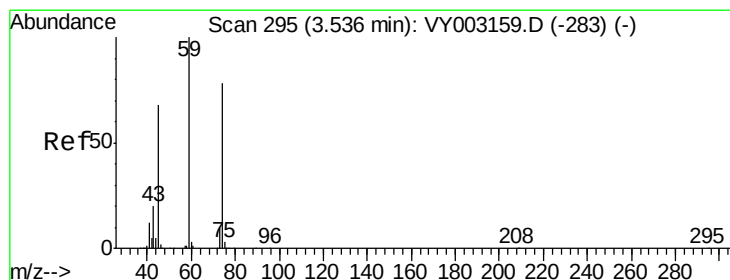
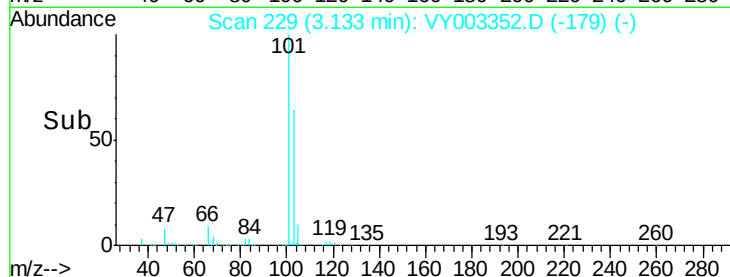
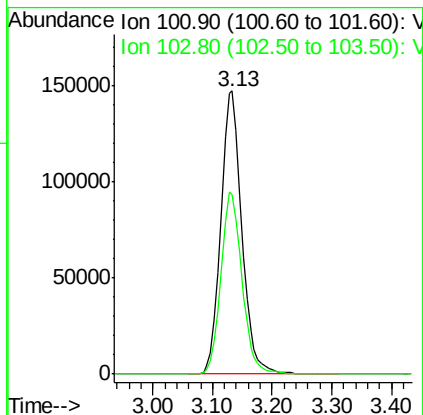
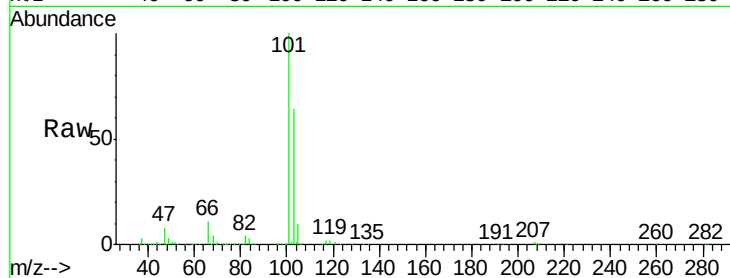


#7

Trichlorofluoromethane
 Concen: 49.623 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Instrument :
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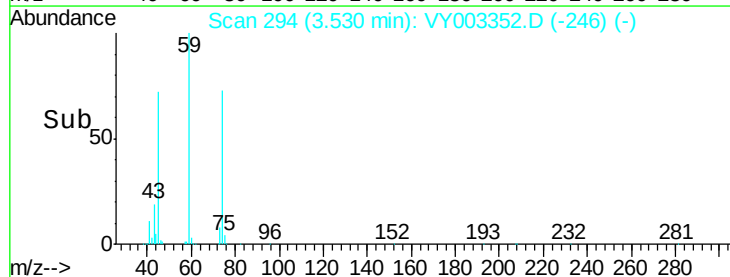
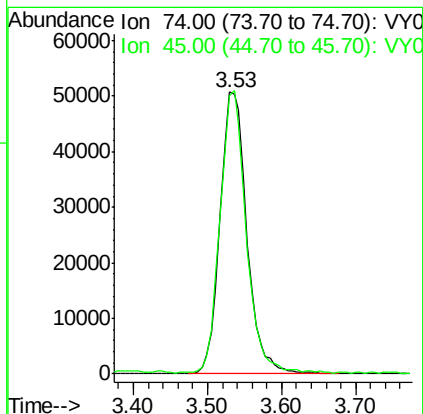
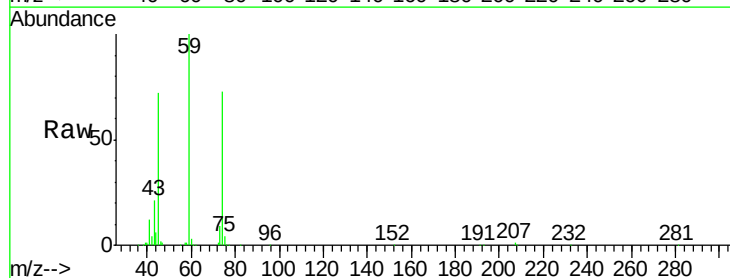
Tot Ion:101 Resp: 360176
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.3 76.9

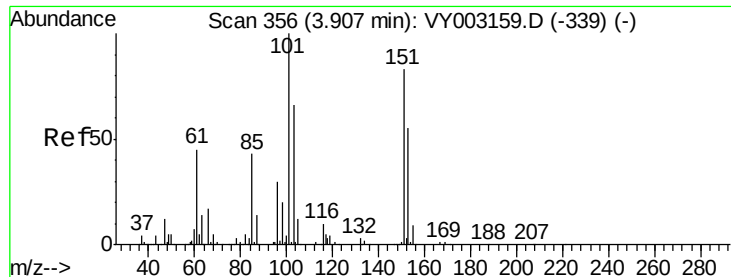


#8

Diethyl Ether
 Concen: 52.264 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion: 74 Resp: 127115
 Ion Ratio Lower Upper
 74 100
 45 97.4 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.815 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

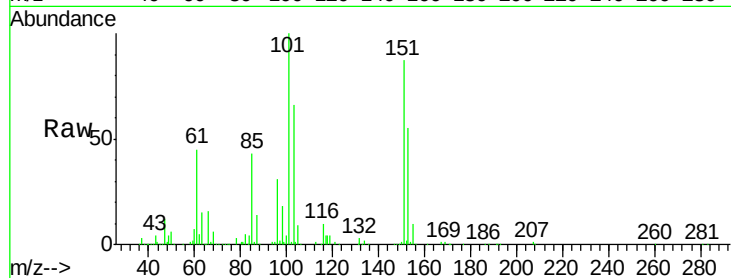
Tot Ion:101 Resp: 222753

Ion Ratio Lower Upper

101 100

85 42.9 34.9 52.3

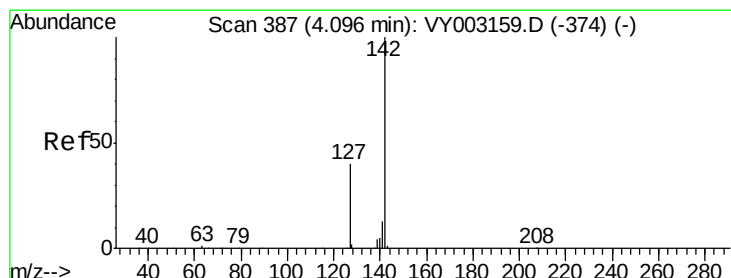
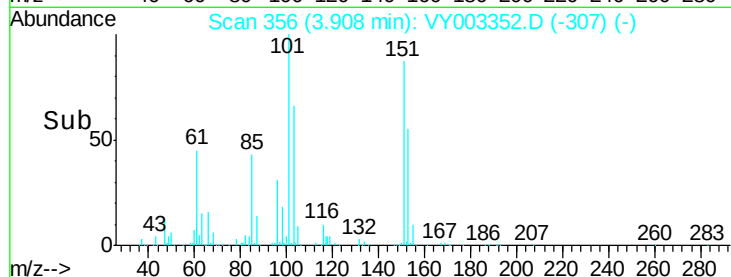
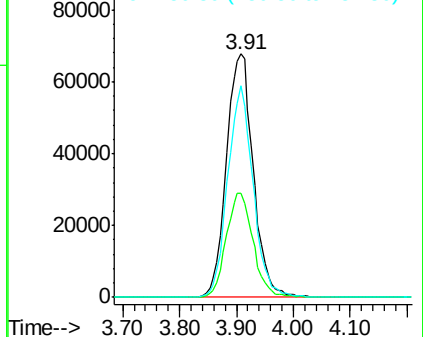
151 82.5 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.621 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

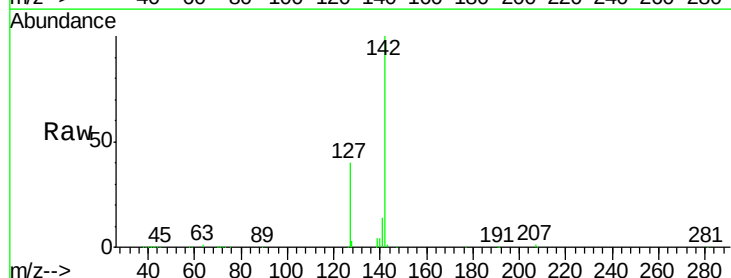
Tgt Ion:142 Resp: 241082

Ion Ratio Lower Upper

142 100

127 41.4 33.5 50.3

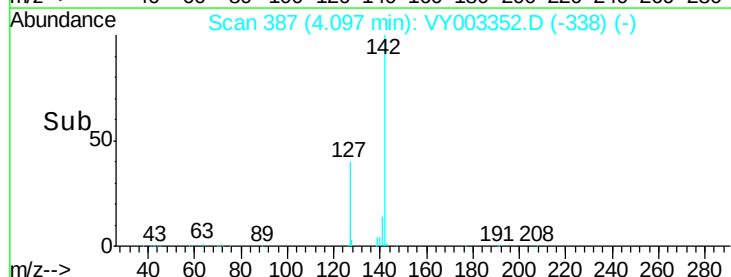
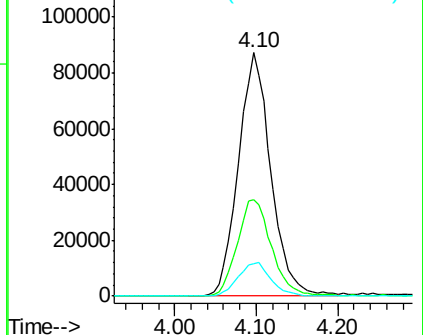
141 14.1 11.2 16.8

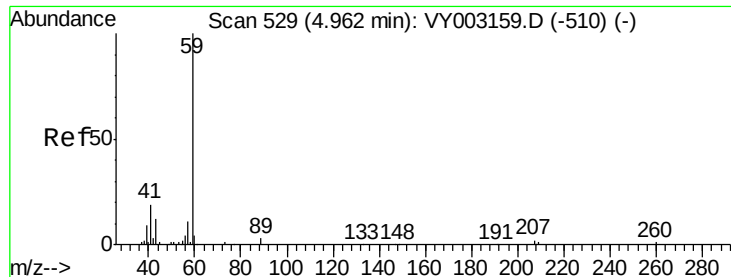


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



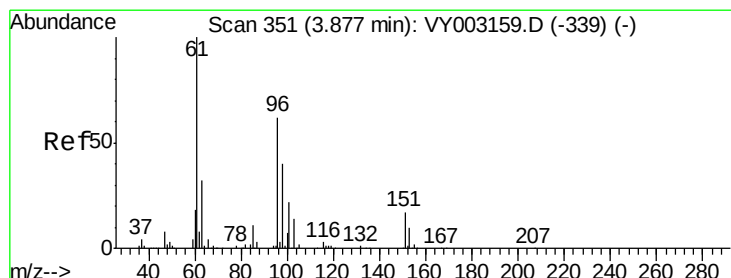
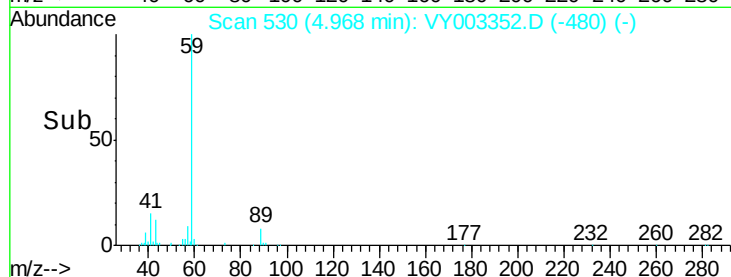
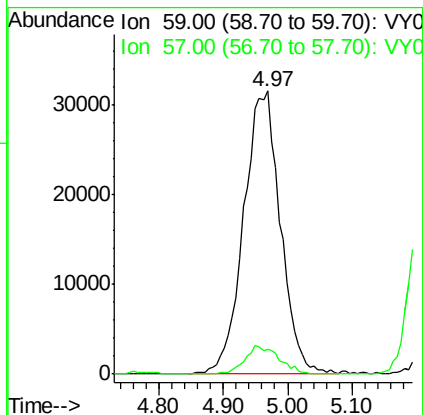
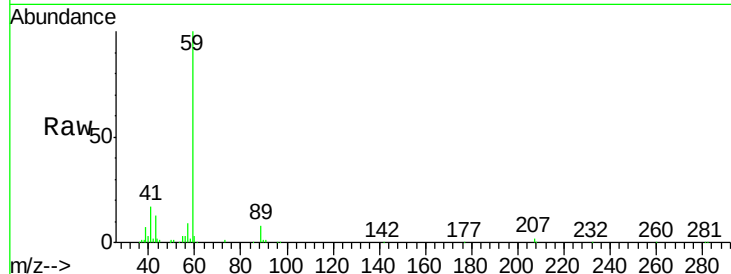


#11

Tert butyl alcohol
 Concen: 273.835 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

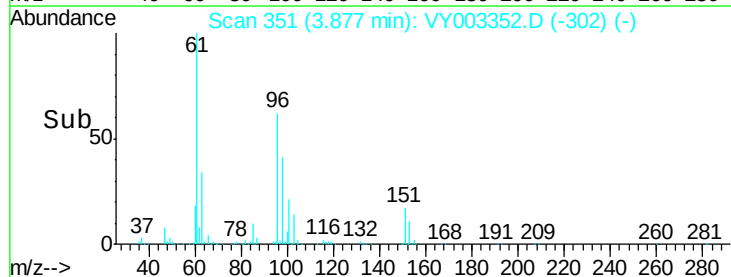
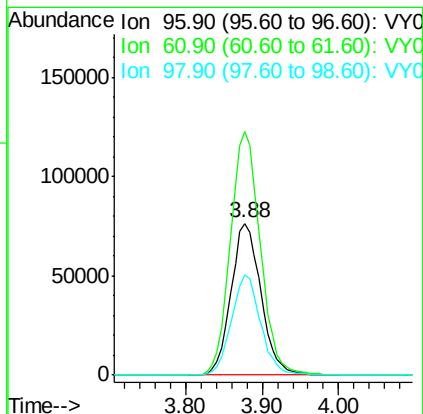
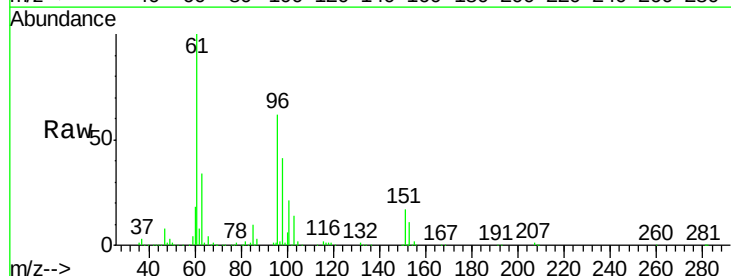
Tot Ion: 59 Resp: 124526
 Ion Ratio Lower Upper
 59 100
 57 9.4 8.4 12.6

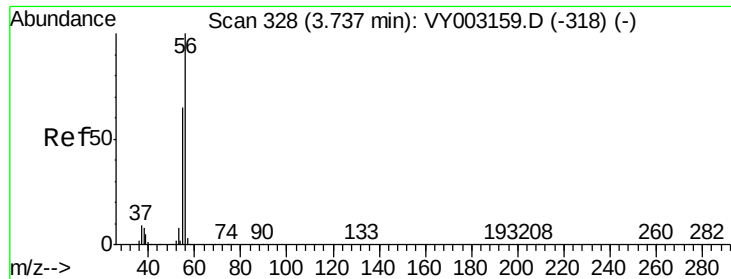


#12

1,1-Dichloroethene
 Concen: 50.061 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion: 96 Resp: 207561
 Ion Ratio Lower Upper
 96 100
 61 160.2 128.6 193.0
 98 66.0 51.6 77.4

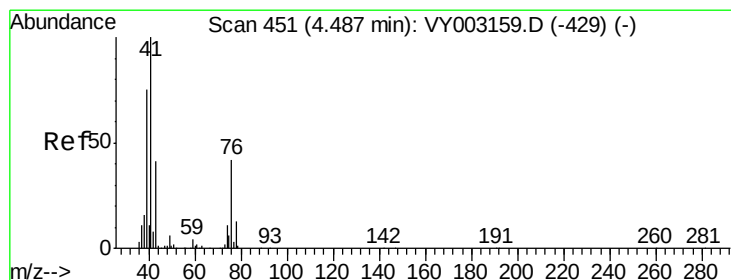
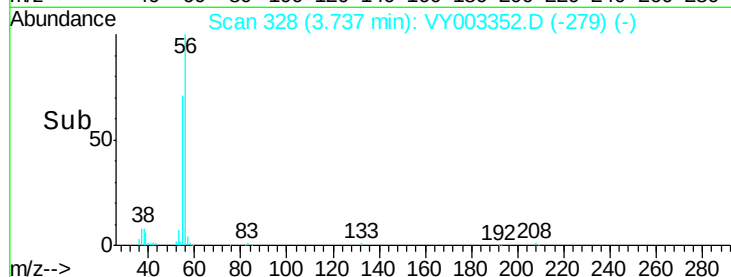
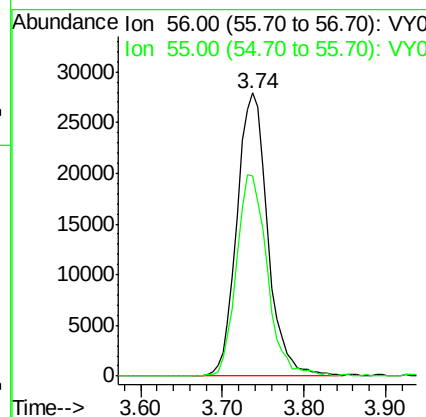
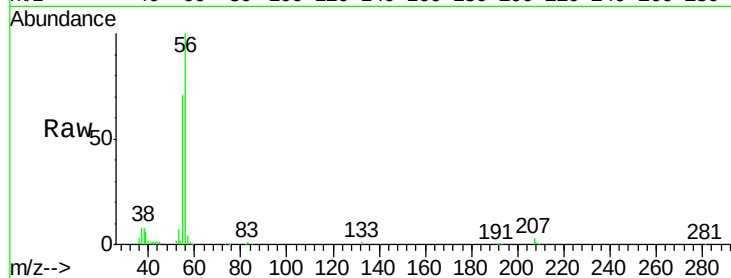




#13
 Acrolein
 Concen: 184.275 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

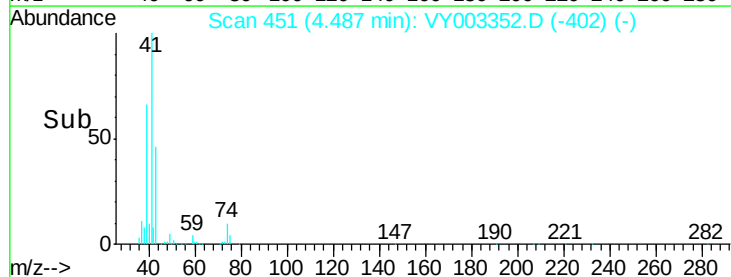
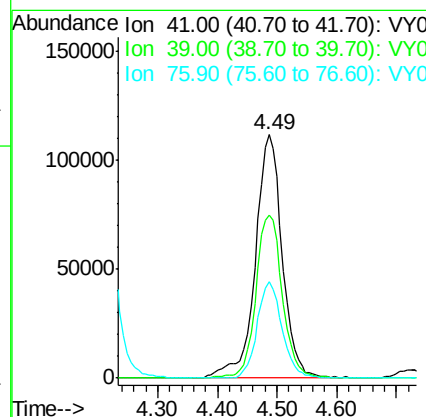
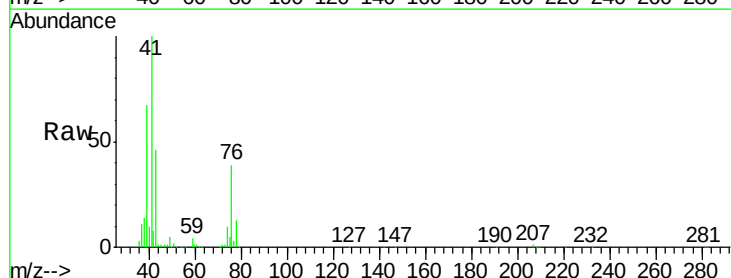
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

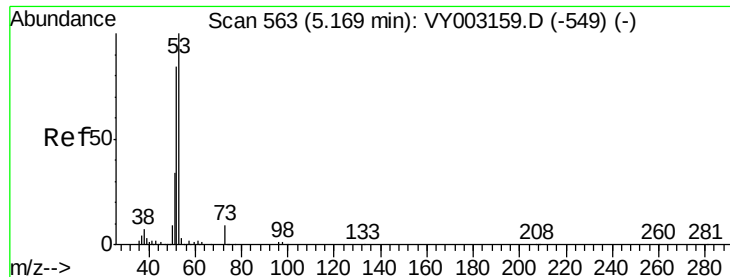
Tot Ion: 56 Resp: 72735
 Ion Ratio Lower Upper
 56 100
 55 71.1 56.0 84.0



#14
 Allyl chloride
 Concen: 56.927 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion: 41 Resp: 350233
 Ion Ratio Lower Upper
 41 100
 39 66.4 56.6 85.0
 76 36.8 31.6 47.4





#15

Acrylonitrile

Concen: 280.570 ug/l

RT: 5.17 min Scan# 563

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

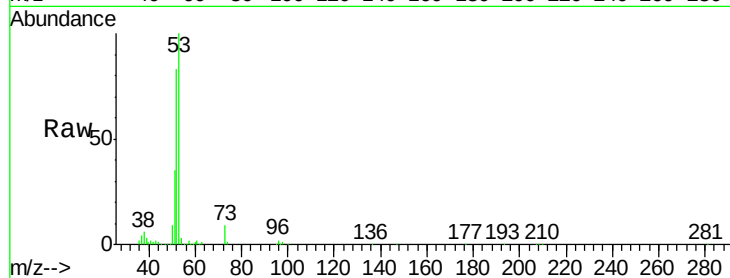
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 327796

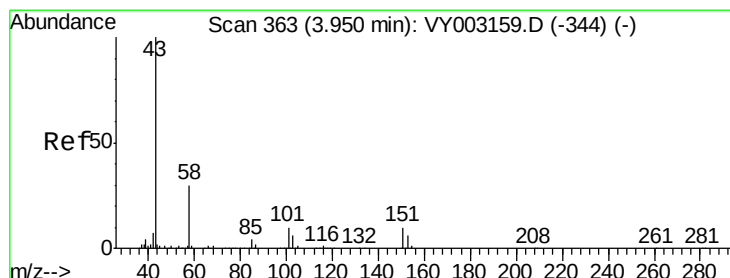
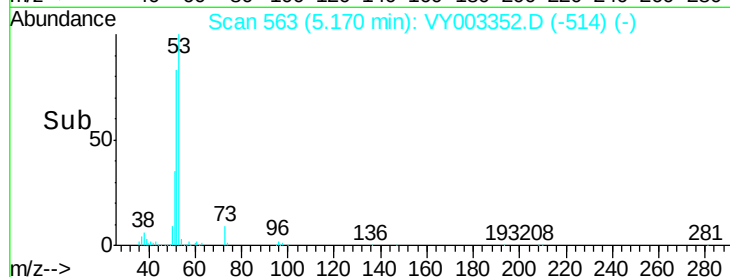
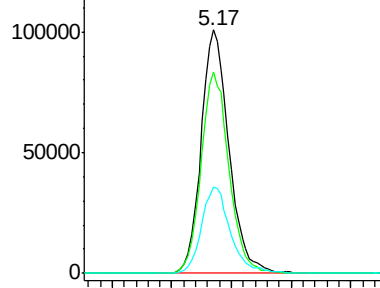
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	36.8	29.0	43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 298.161 ug/l

RT: 3.96 min Scan# 364

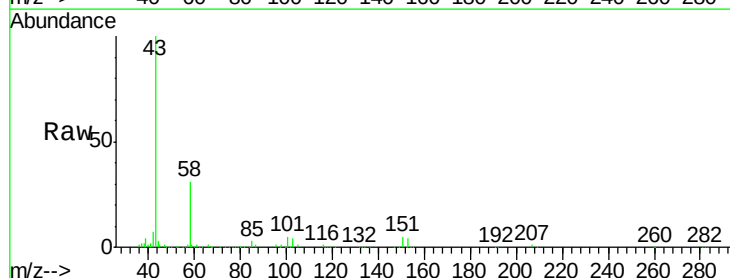
Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

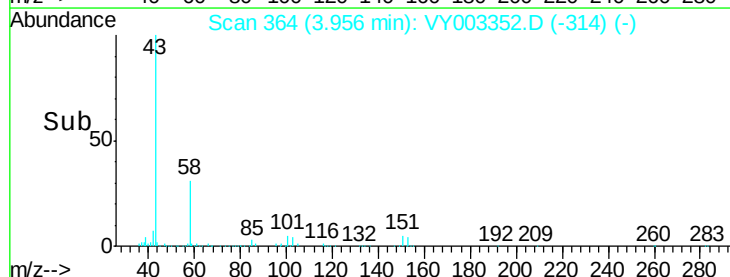
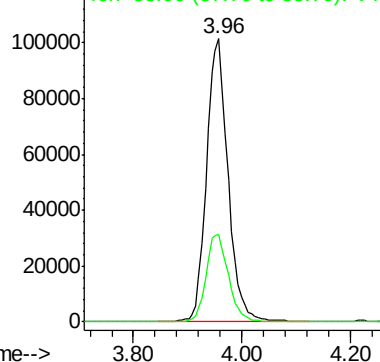
Tgt Ion: 43 Resp: 280087

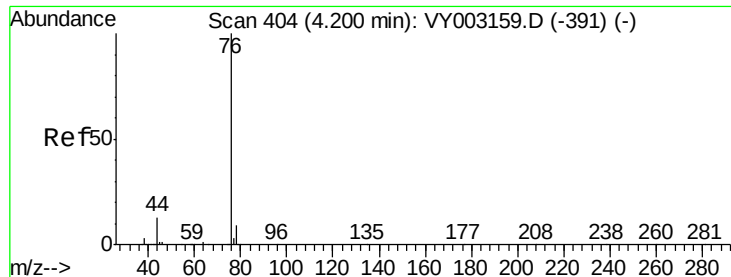
Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.8	35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 46.415 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

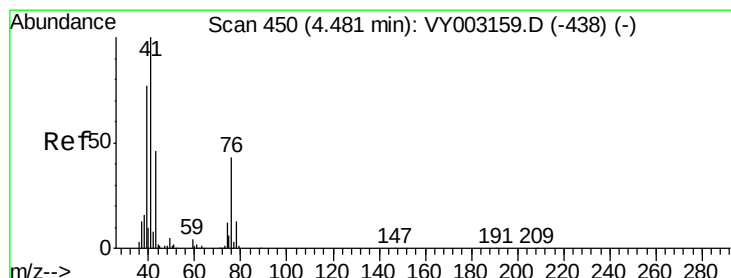
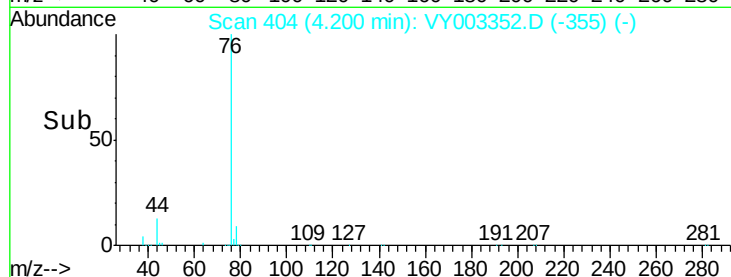
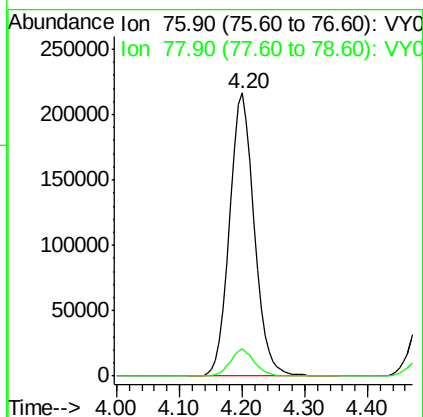
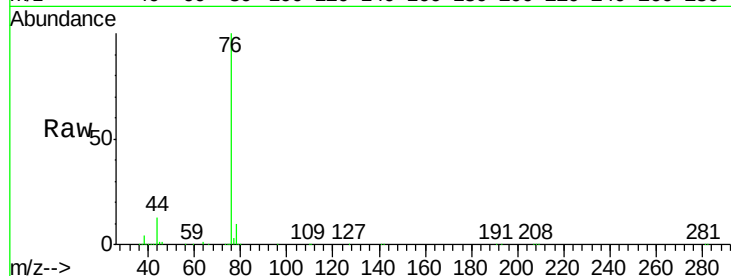
VSTDCCC050

Tot Ion: 76 Resp: 590528

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9



#18

Methyl Acetate

Concen: 58.953 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003352.D

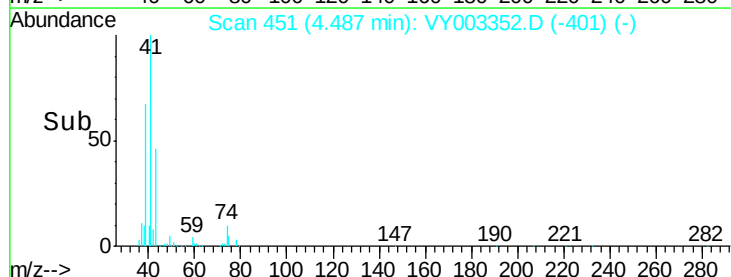
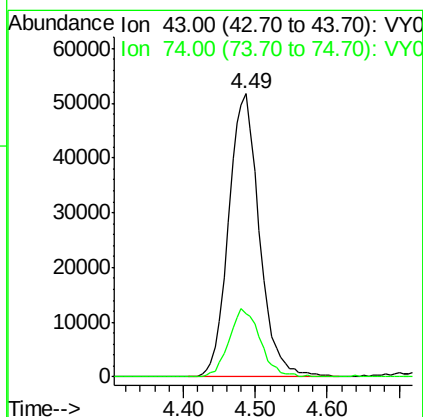
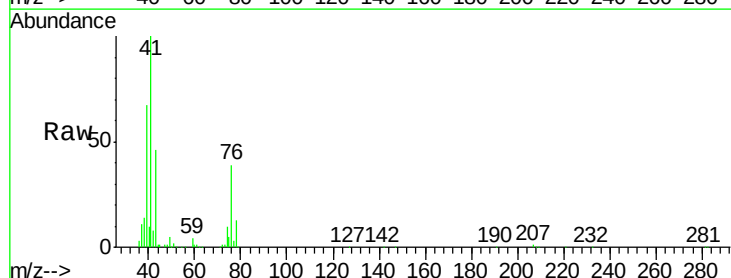
Acq: 27 Jul 2020 13:12

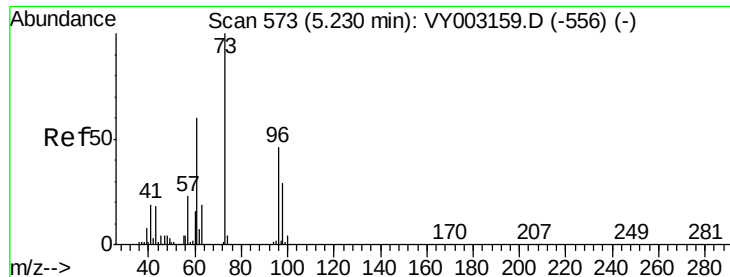
Tgt Ion: 43 Resp: 153795

Ion Ratio Lower Upper

43 100

74 24.2 20.8 31.2



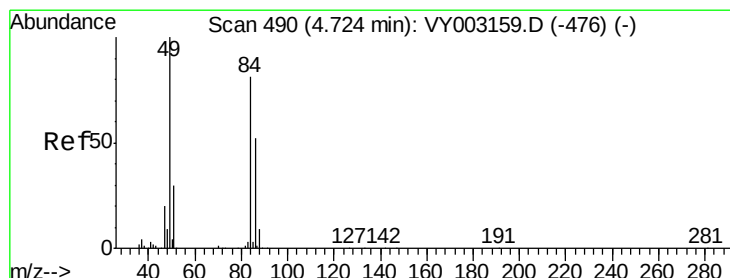
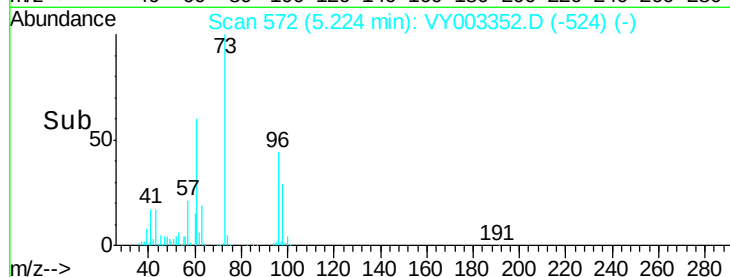
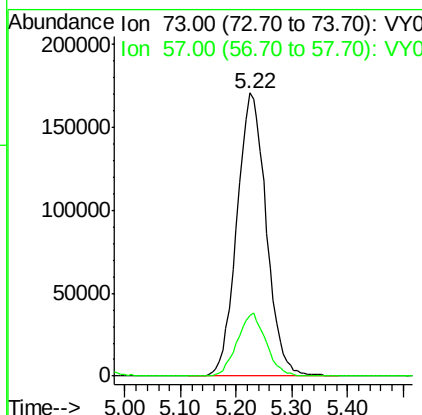
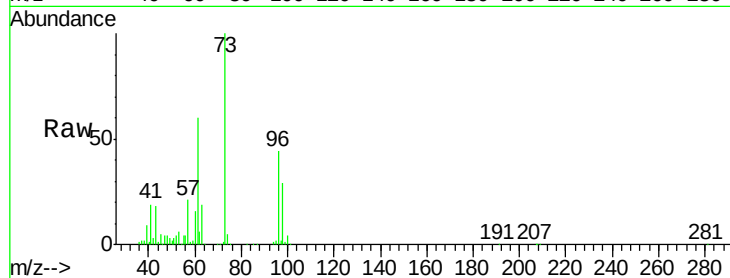


#19

Methyl tert-butyl Ether
 Concen: 53.759 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

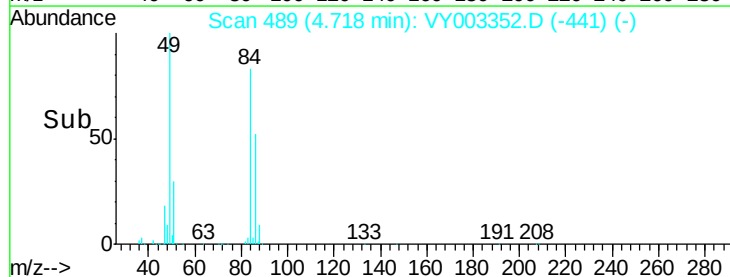
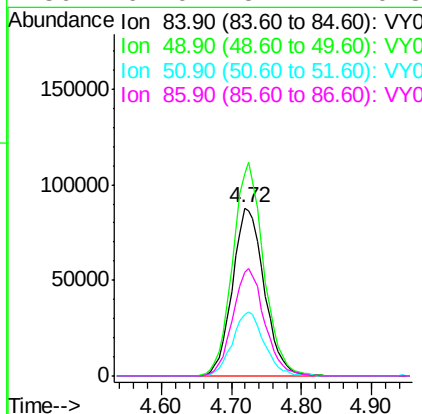
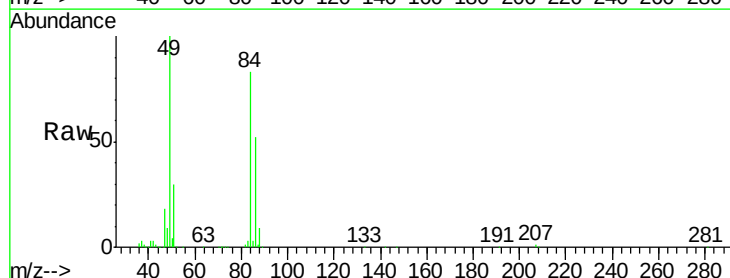
Tot Ion: 73 Resp: 624632
 Ion Ratio Lower Upper
 73 100
 57 21.4 18.1 27.1

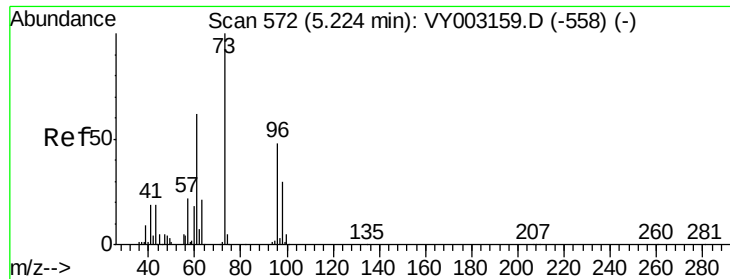


#20

Methylene Chloride
 Concen: 59.731 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion: 84 Resp: 277256
 Ion Ratio Lower Upper
 84 100
 49 120.2 98.2 147.4
 51 36.3 29.8 44.6
 86 62.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.568 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

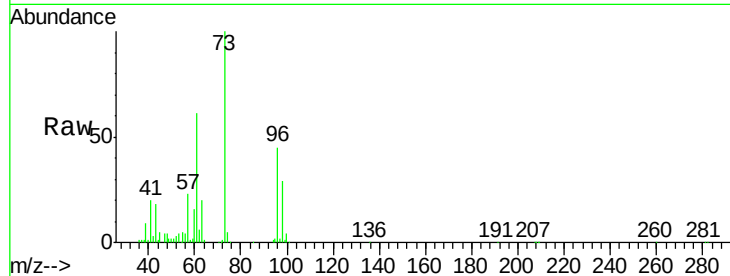
Tot Ion: 96 Resp: 241831

Ion Ratio Lower Upper

96 100

61 133.2 102.5 153.7

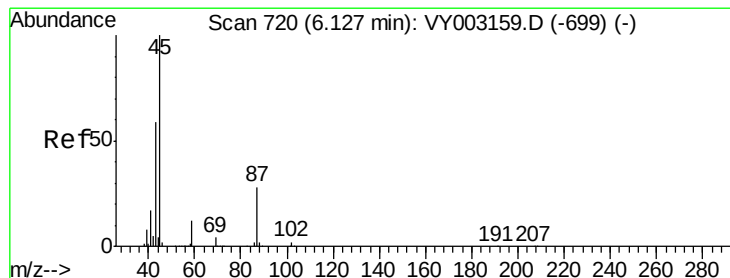
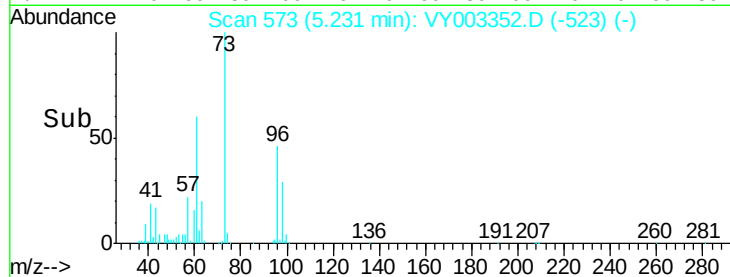
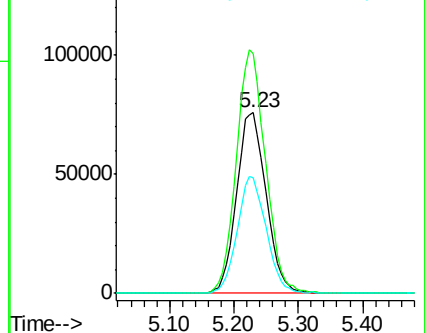
98 64.0 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 57.045 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Tgt Ion: 45 Resp: 778909

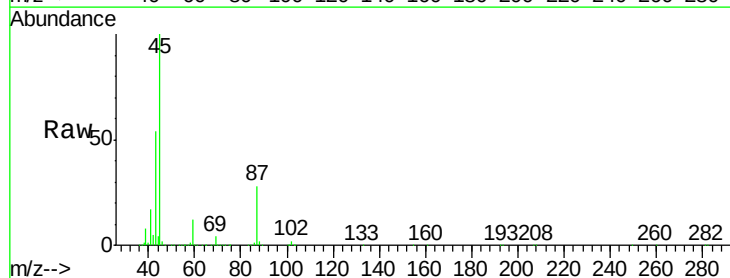
Ion Ratio Lower Upper

45 100

43 54.2 47.0 70.4

87 27.8 22.6 33.8

59 12.0 9.8 14.6

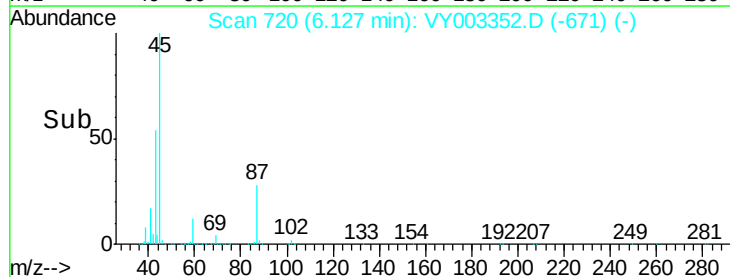
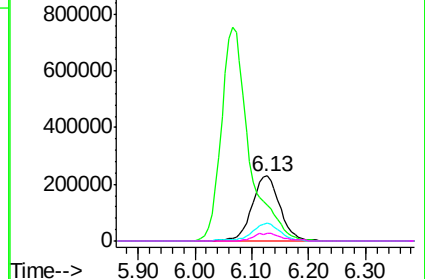


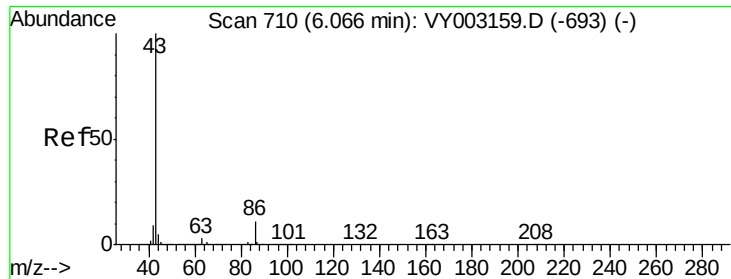
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 279.928 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

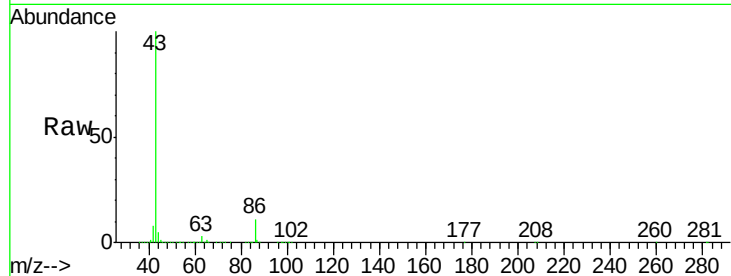
VSTDCCC050

Tot Ion: 43 Resp: 2547575

Ion Ratio Lower Upper

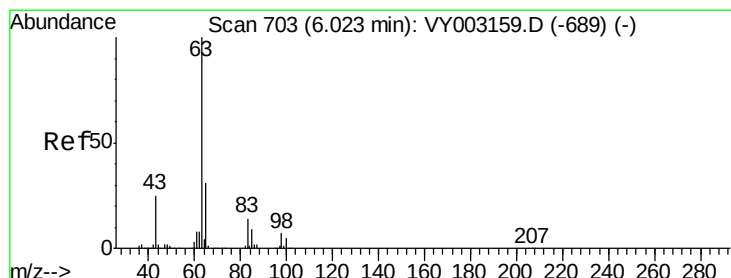
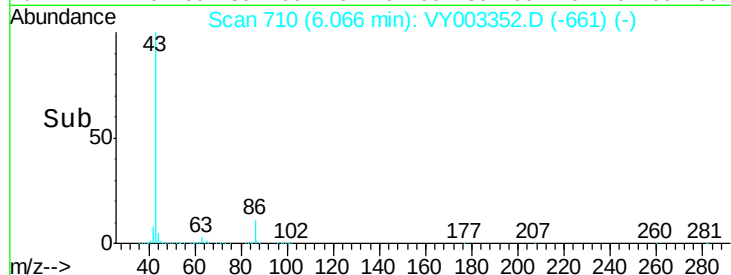
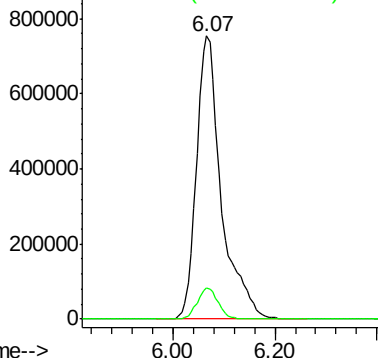
43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 54.393 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

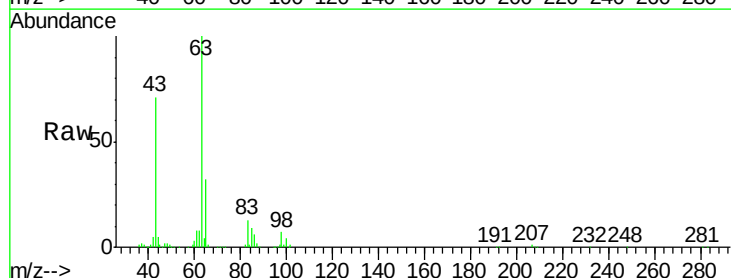
Tgt Ion: 63 Resp: 430275

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

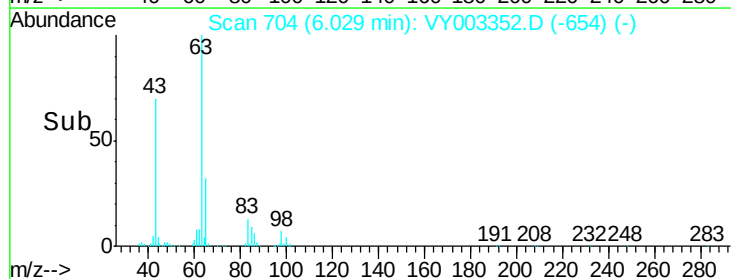
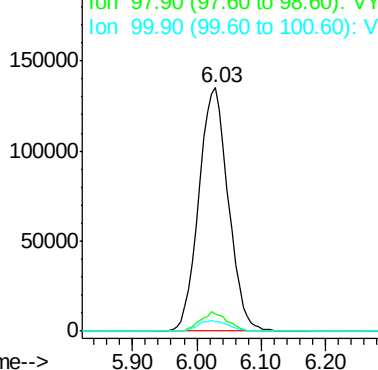
100 4.1 2.4 7.2

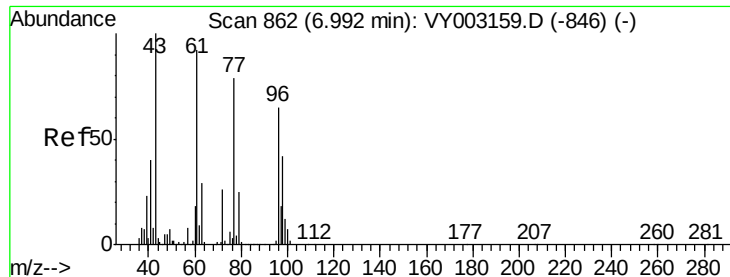


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 284.691 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

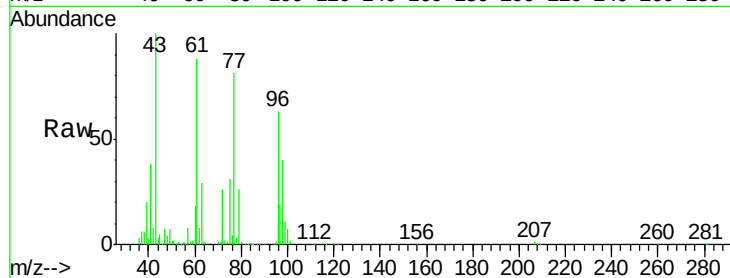
VSTDCCC050

Tot Ion: 43 Resp: 439102

Ion Ratio Lower Upper

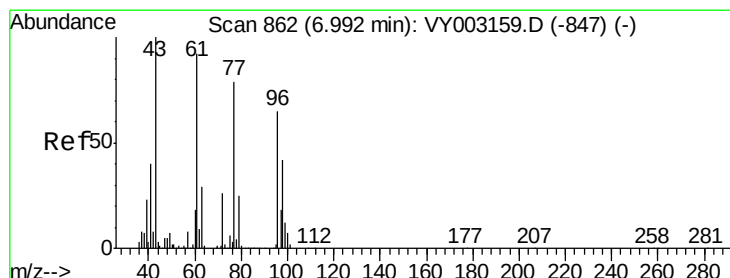
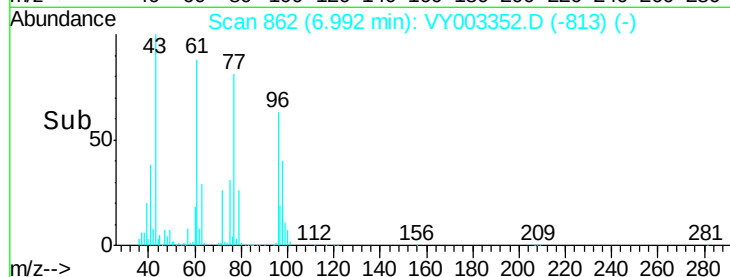
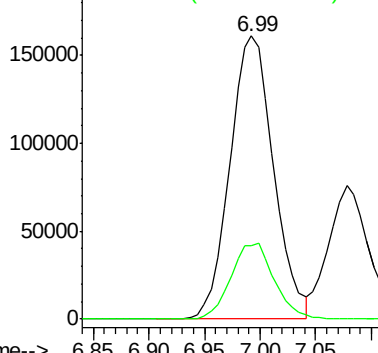
43 100

72 25.9 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 56.552 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003352.D

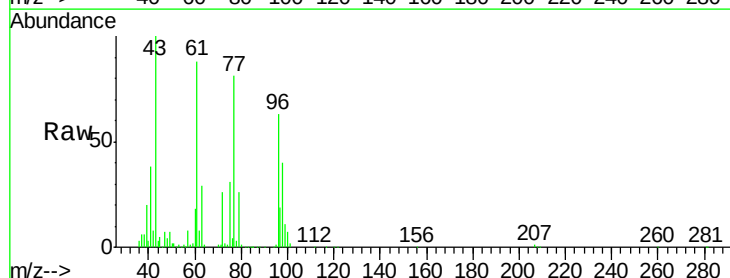
Acq: 27 Jul 2020 13:12

Tgt Ion: 77 Resp: 402880

Ion Ratio Lower Upper

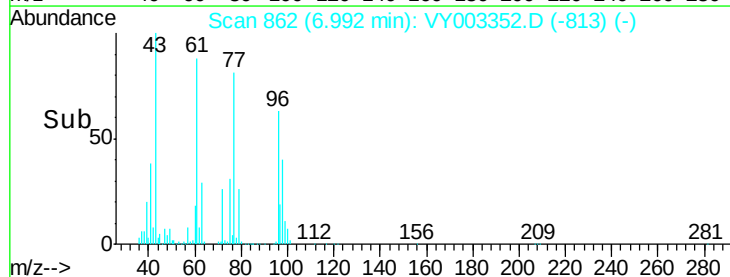
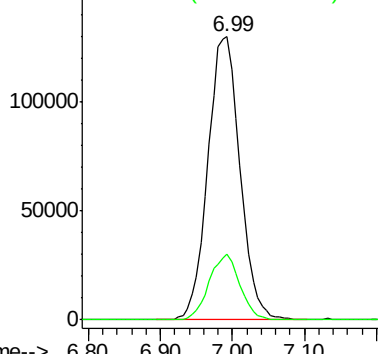
77 100

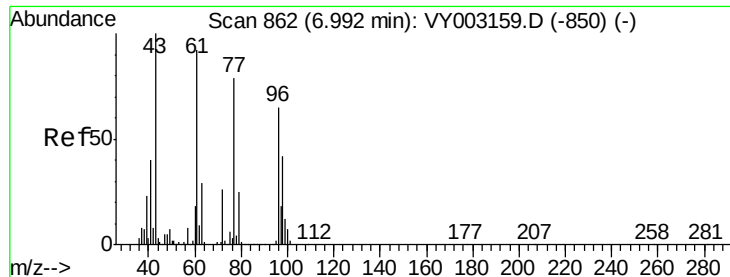
97 22.3 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



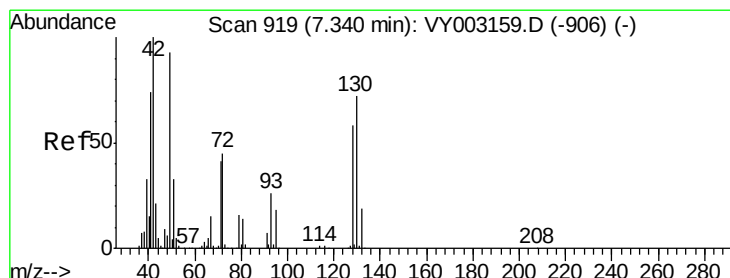
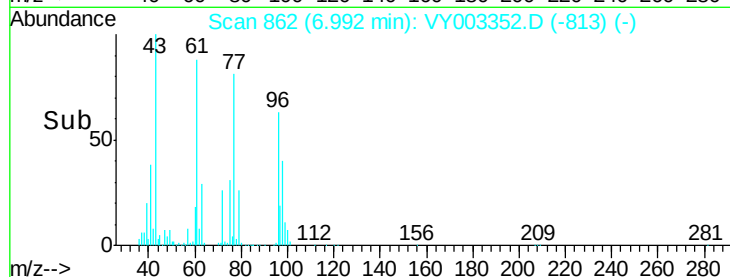
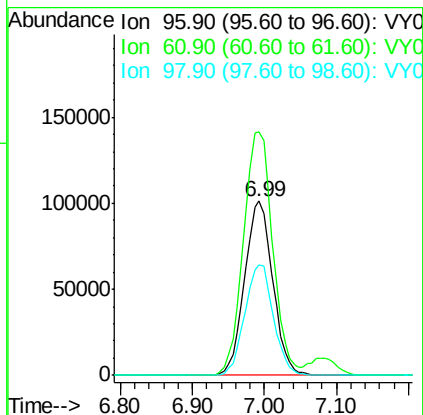
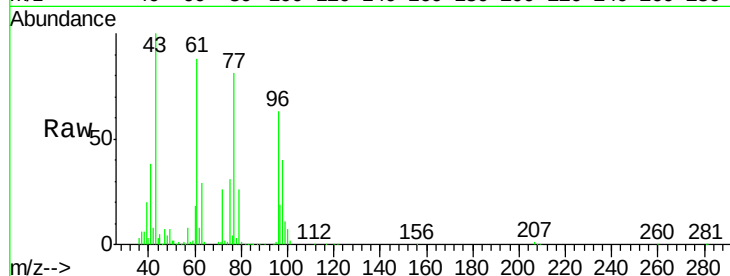


#27

cis-1,2-Dichloroethene
 Concen: 53.230 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

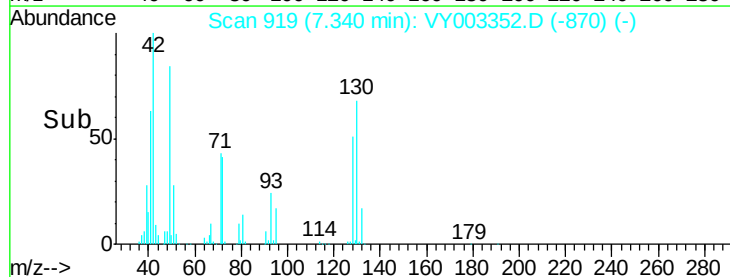
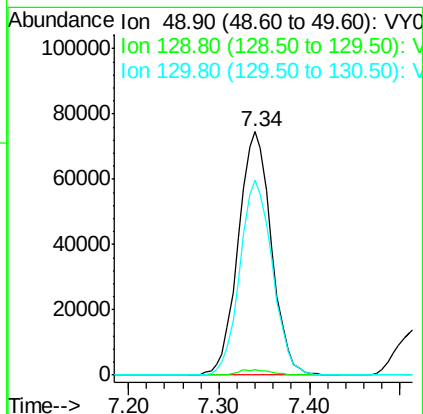
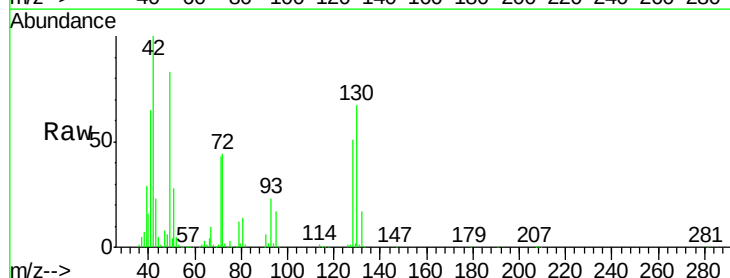
Tot Ion	96	Resp	274843
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	281.2
98	64.2	0.0	129.8

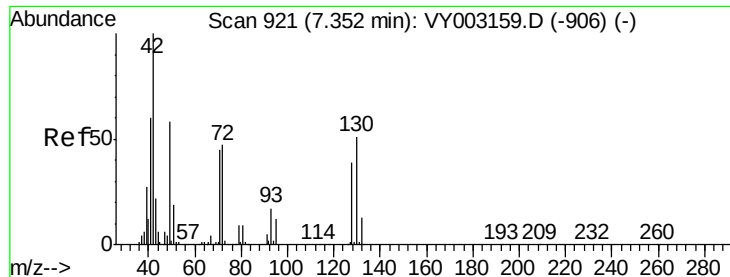


#28

Bromochloromethane
 Concen: 54.921 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion	49	Resp	188098
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	79.2	64.9	97.3





#29

Tetrahydrofuran

Concen: 278.634 ug/l

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

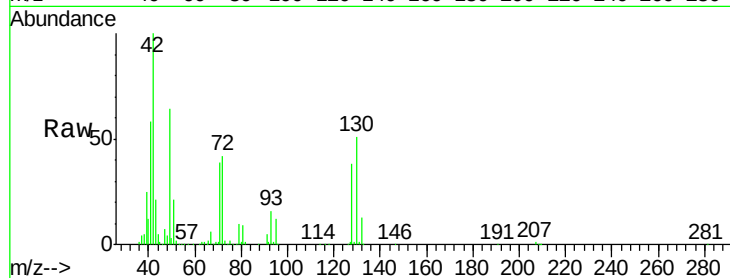
Tot Ion: 42 Resp: 288705

Ion Ratio Lower Upper

42 100

72 43.8 36.7 55.1

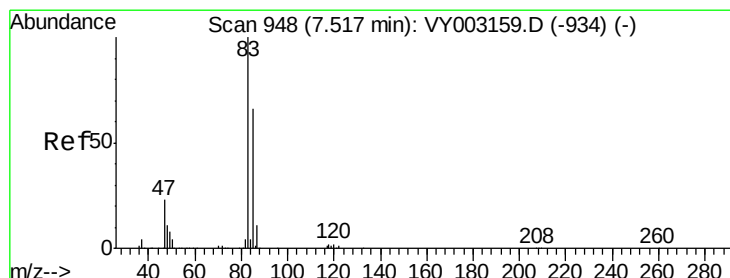
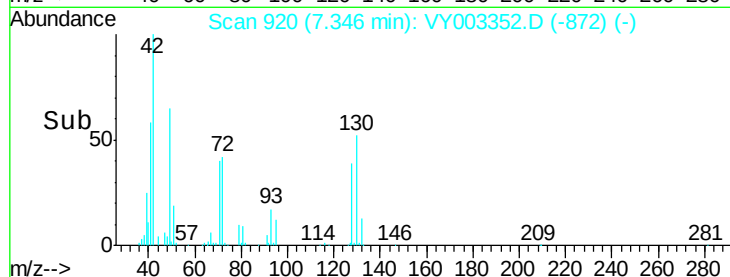
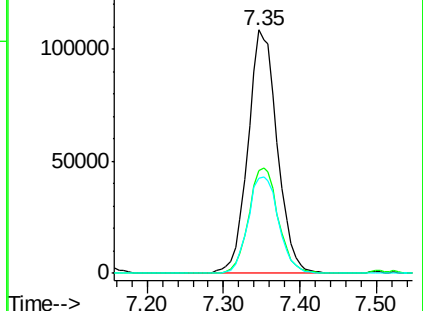
71 41.5 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 53.379 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003352.D

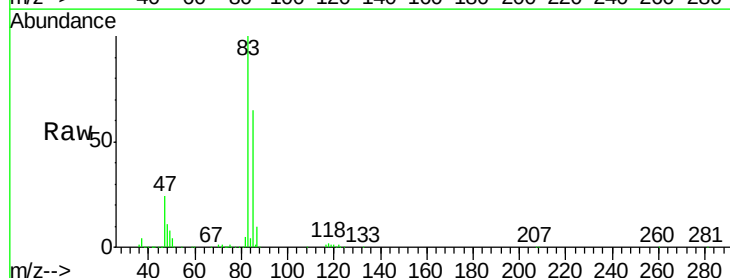
Acq: 27 Jul 2020 13:12

Tgt Ion: 83 Resp: 434894

Ion Ratio Lower Upper

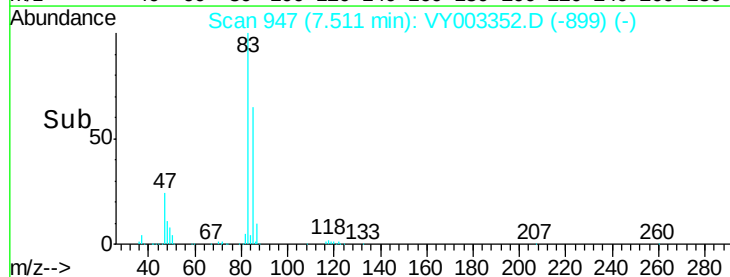
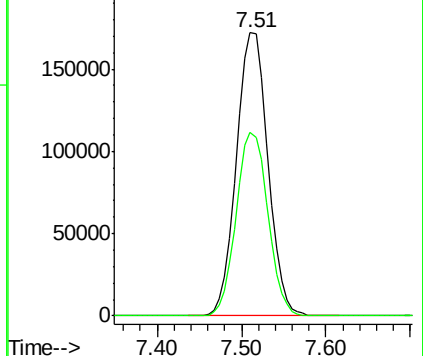
83 100

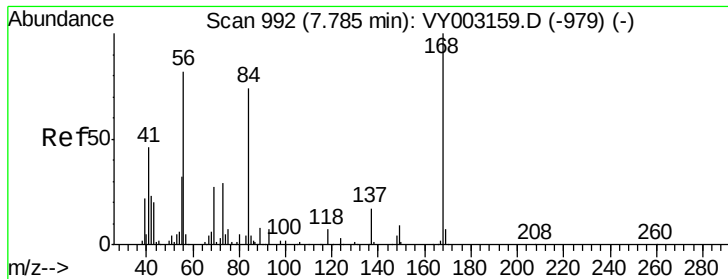
85 64.8 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 49.699 ug/l

RT: 7.78 min Scan# 992

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

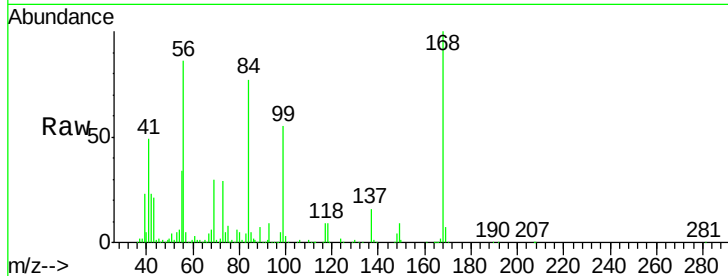
Tot Ion: 56 Resp: 380161

Ion Ratio Lower Upper

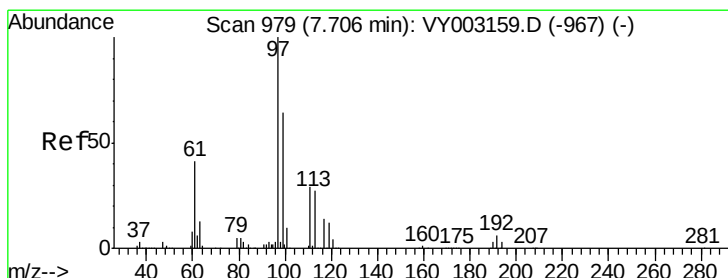
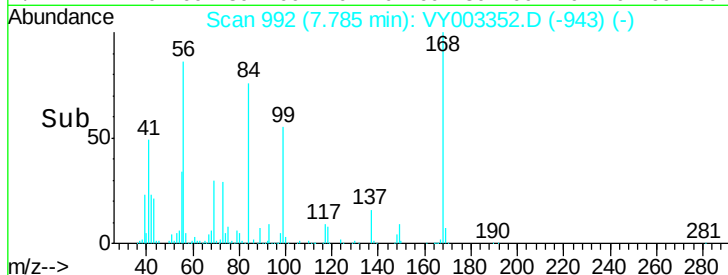
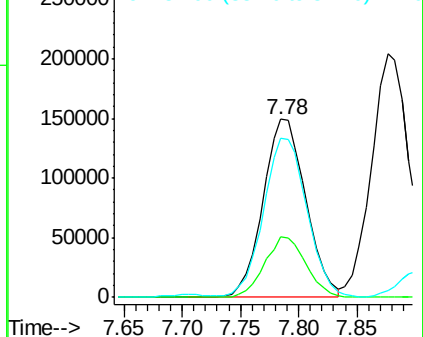
56 100

69 34.2 26.7 40.1

84 87.7 72.3 108.5



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



#32

1,1,1-Trichloroethane

Concen: 54.079 ug/l

RT: 7.71 min Scan# 979

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

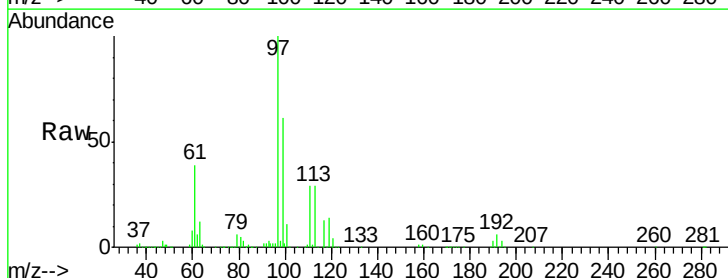
Tgt Ion: 97 Resp: 396656

Ion Ratio Lower Upper

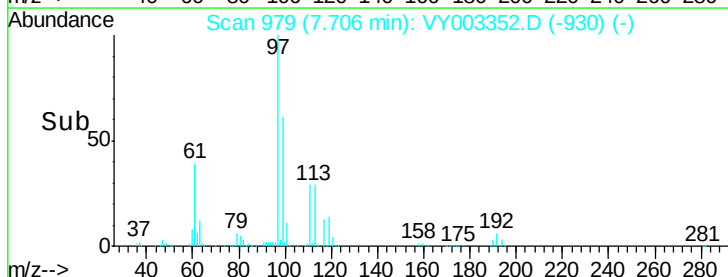
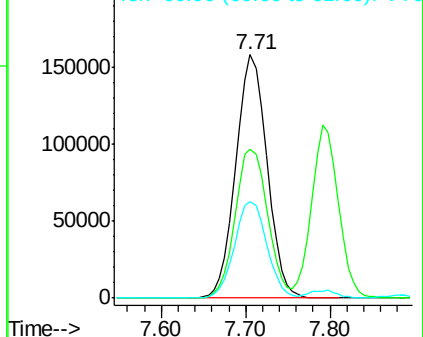
97 100

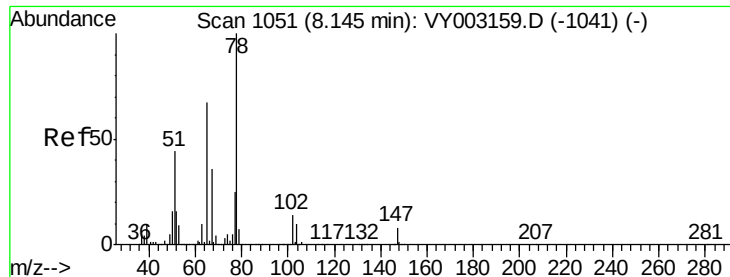
99 64.0 52.1 78.1

61 41.0 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

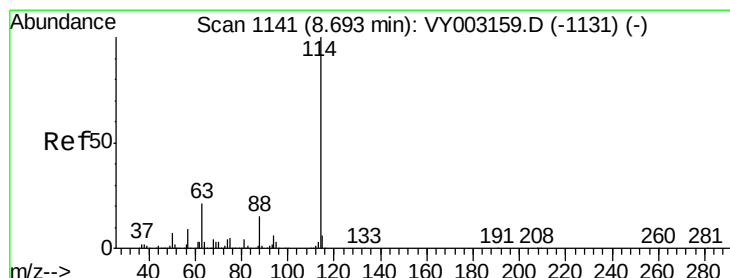
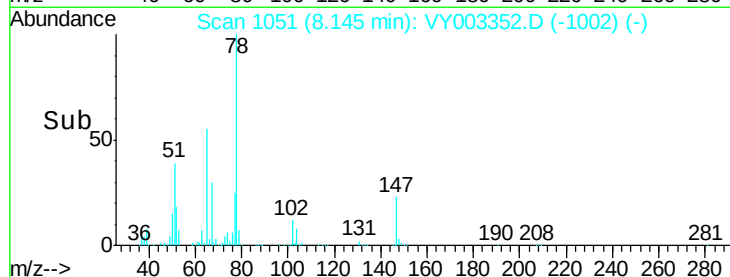
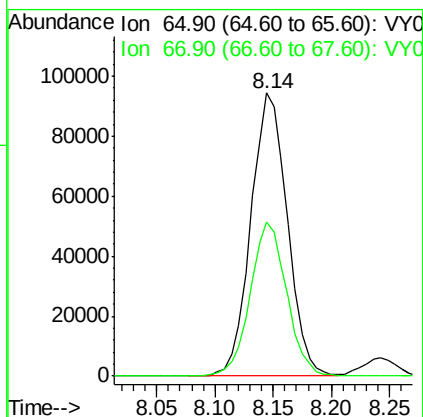
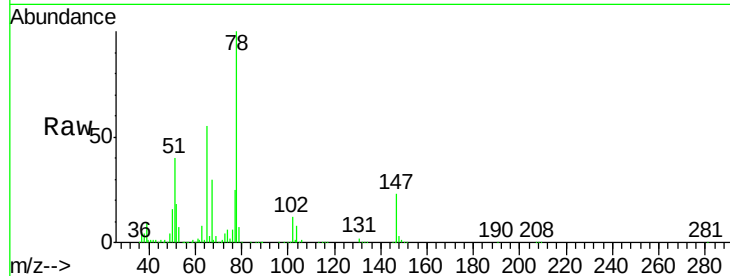




#33
 1,2-Dichloroethane-d4
 Concen: 49.048 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

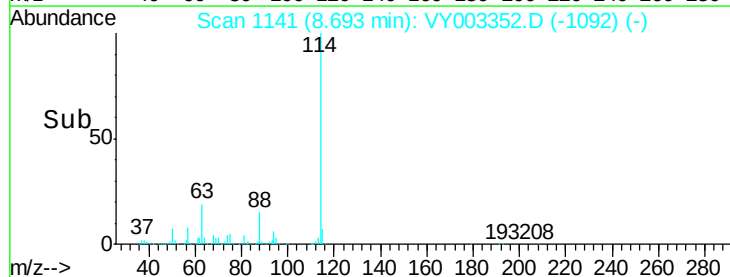
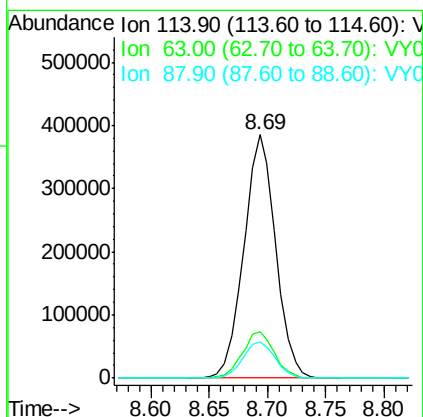
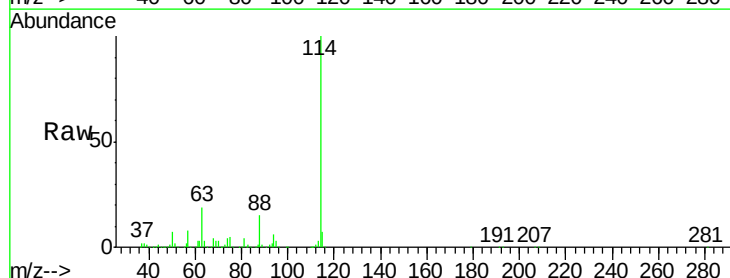
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

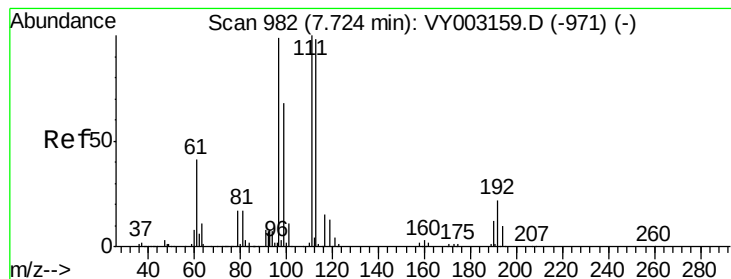
Tot Ion: 65 Resp: 206270
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion: 114 Resp: 730427
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.2
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

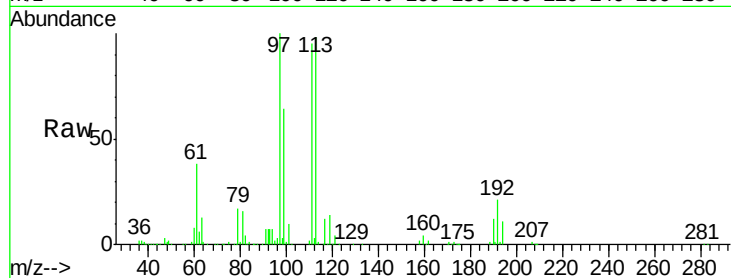
Tot Ion:113 Resp: 204990

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

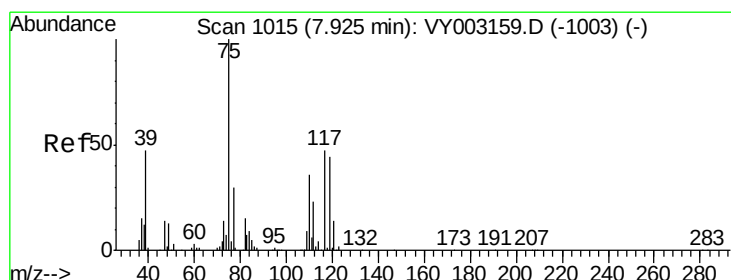
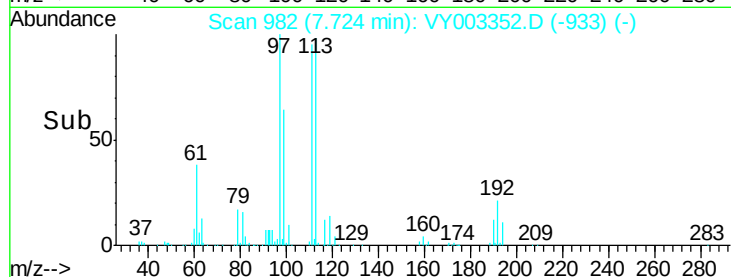
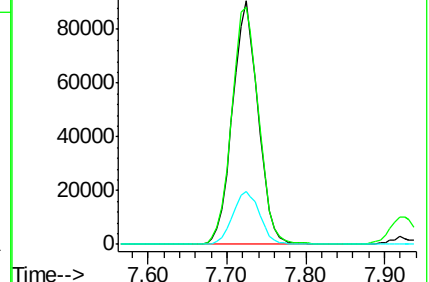
192 22.8 18.8 28.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.190 ug/l

RT: 7.92 min Scan# 1014

Delta R.T. -0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

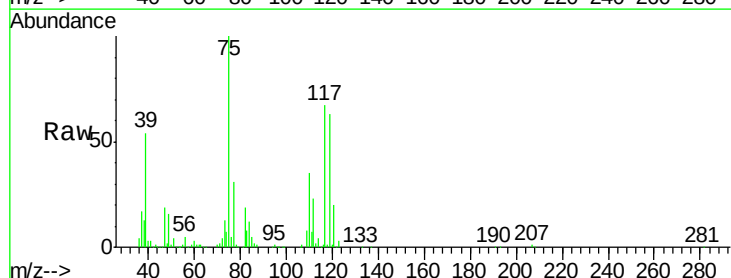
Tgt Ion: 75 Resp: 338882

Ion Ratio Lower Upper

75 100

110 35.7 18.1 54.1

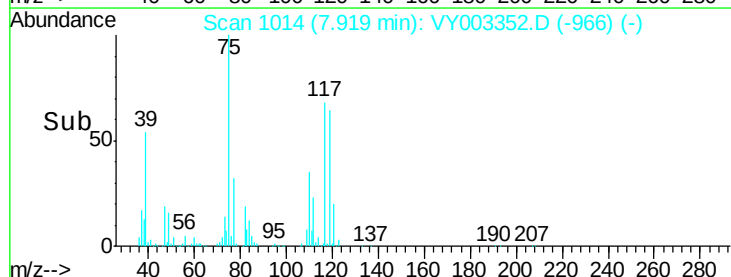
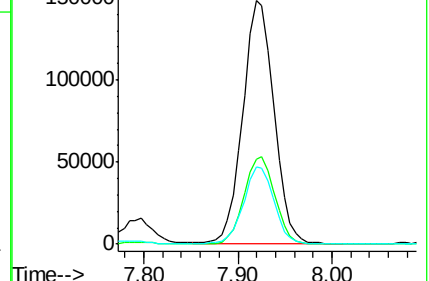
77 31.4 24.8 37.2

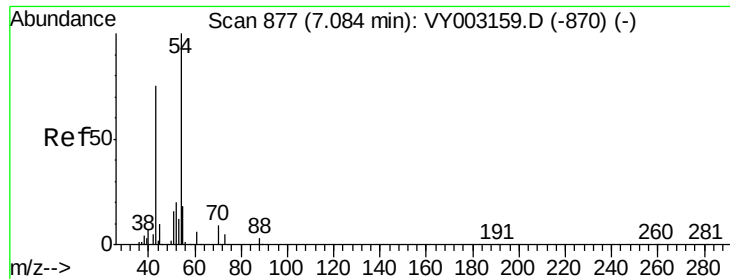


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

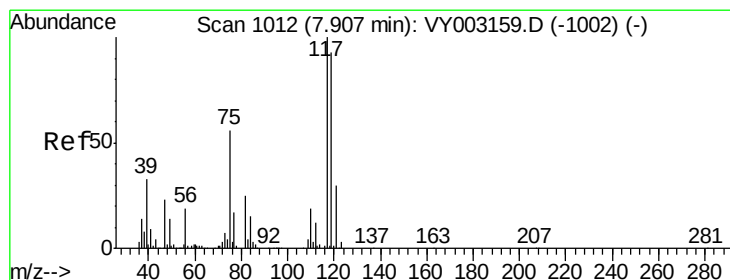
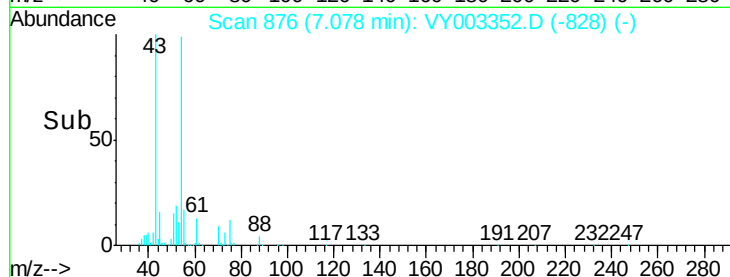
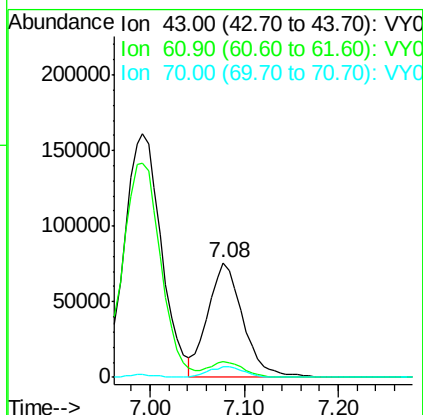
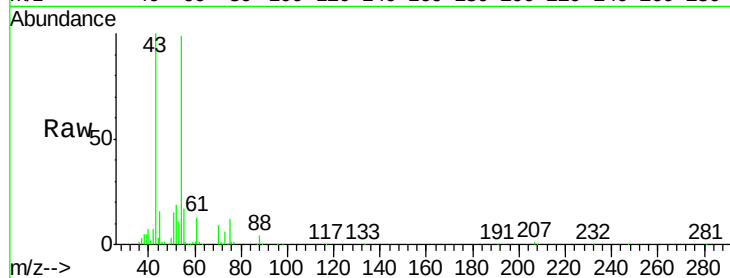




#37
Ethyl Acetate
Concen: 54.738 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

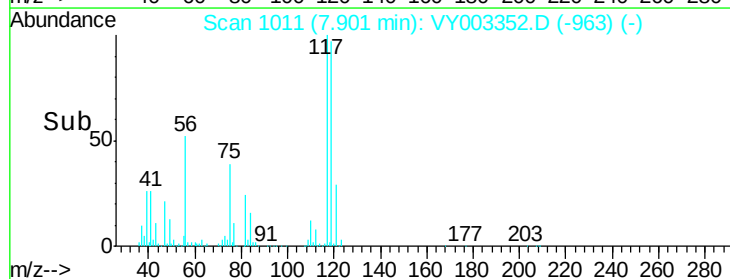
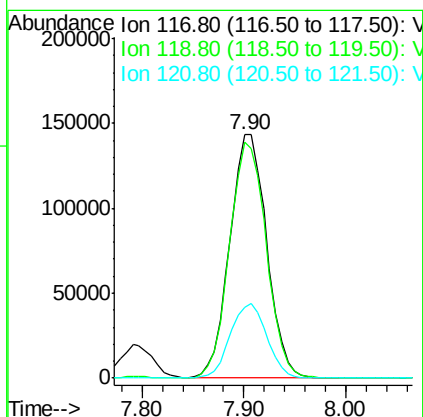
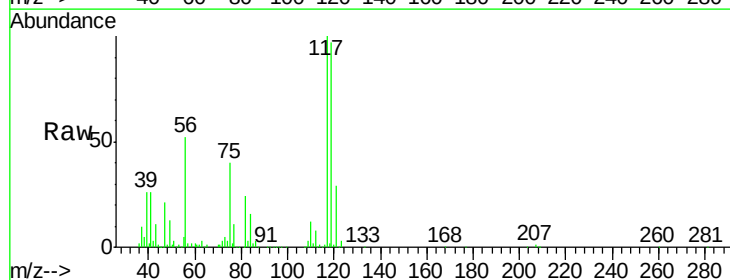
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

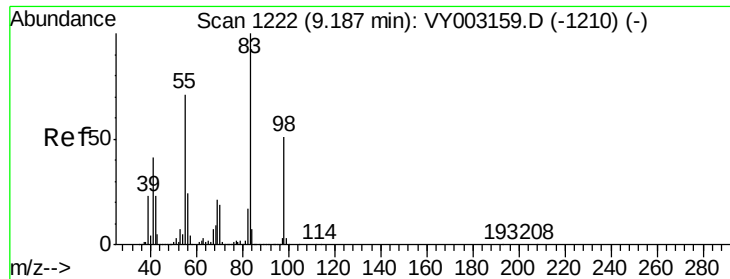
Tot Ion: 43 Resp: 195147
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 9.5 8.6 13.0



#38
Carbon Tetrachloride
Concen: 52.734 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion: 117 Resp: 360402
Ion Ratio Lower Upper
117 100
119 97.0 74.5 111.7
121 29.2 24.2 36.2

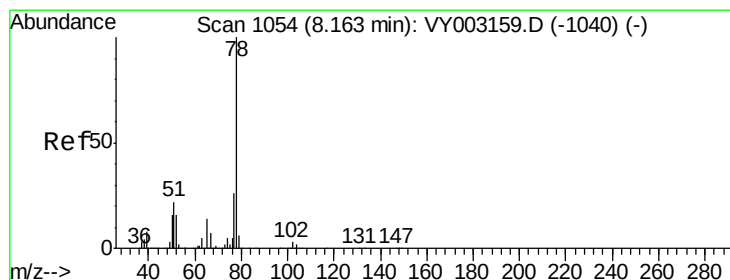
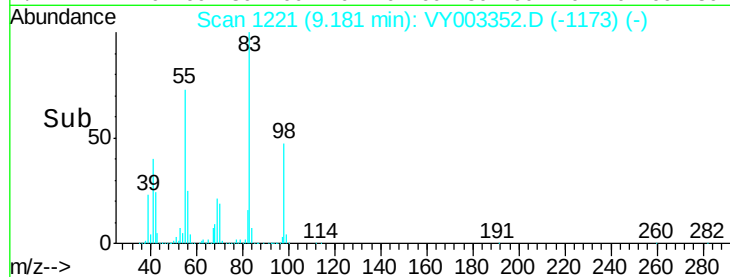
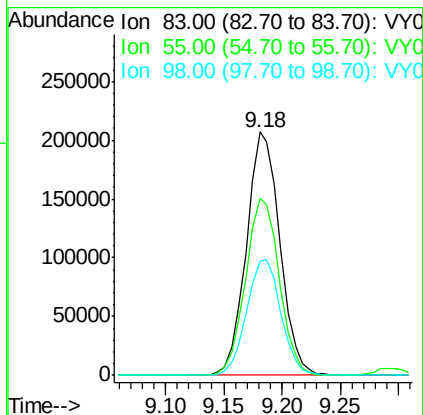
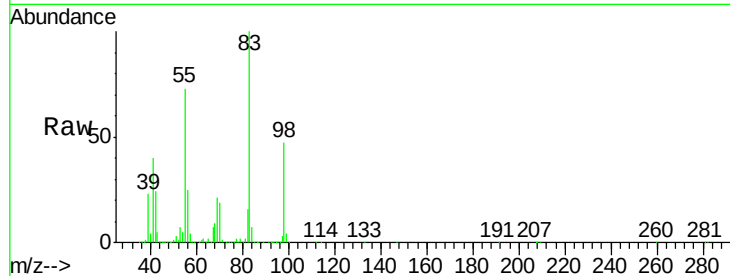




#39
Methylvlcyclohexane
Concen: 49.692 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

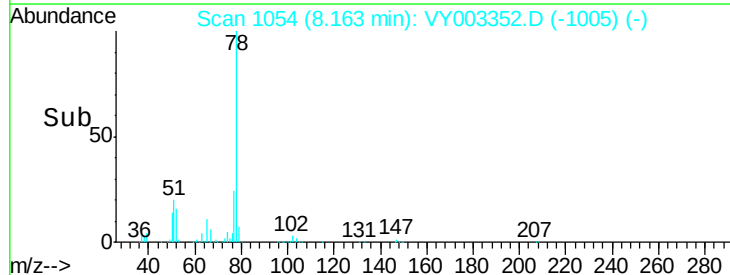
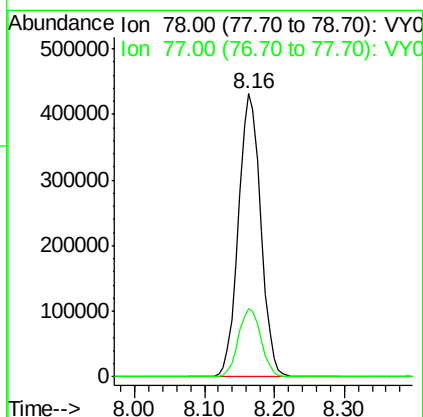
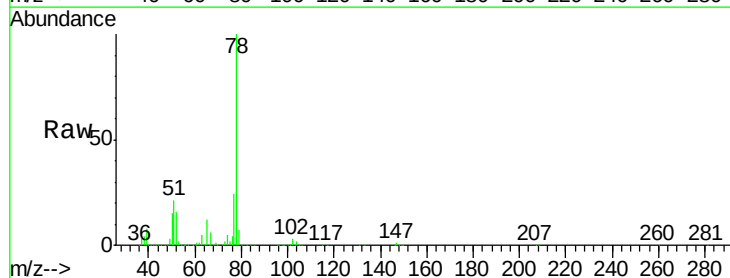
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

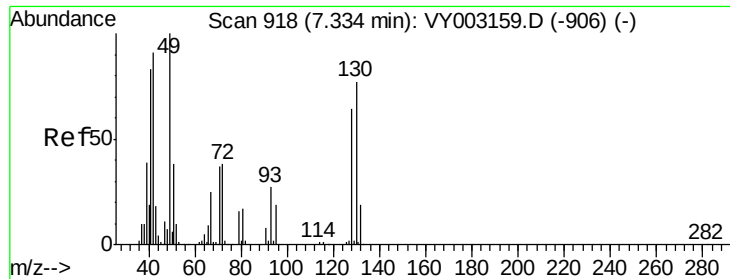
Tot Ion: 83 Resp: 413253
Ion Ratio Lower Upper
83 100
55 72.7 57.2 85.8
98 47.2 41.0 61.6



#40
Benzene
Concen: 52.405 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion: 78 Resp: 955261
Ion Ratio Lower Upper
78 100
77 24.4 20.7 31.1

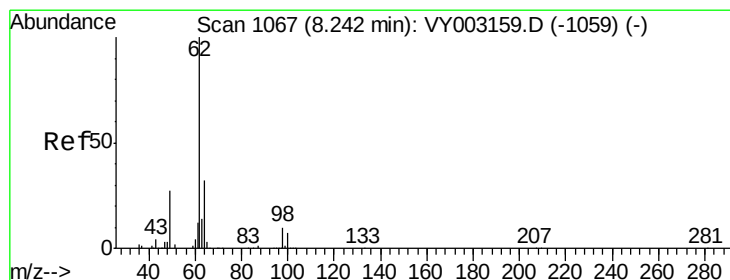
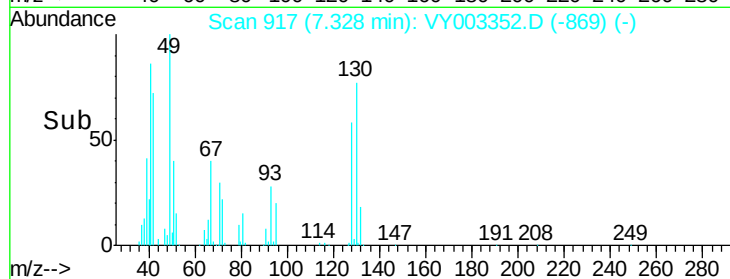
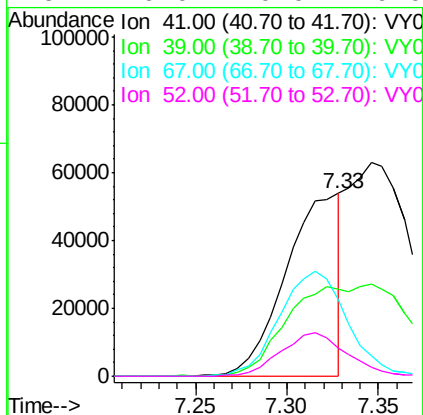
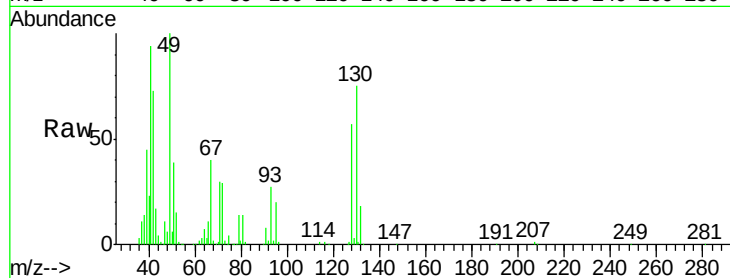




#41
Methacrylonitrile
Concen: 51.918 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

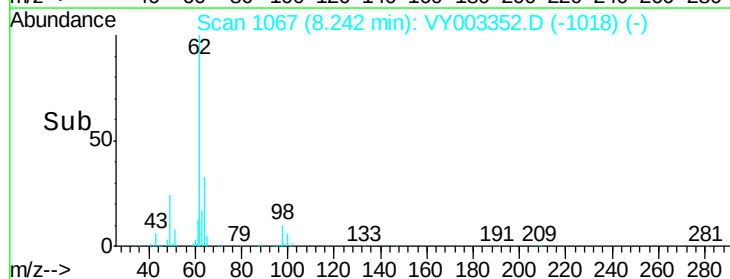
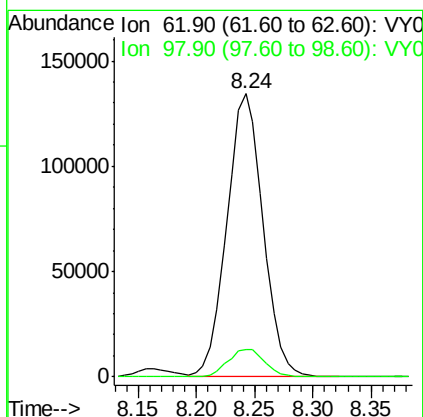
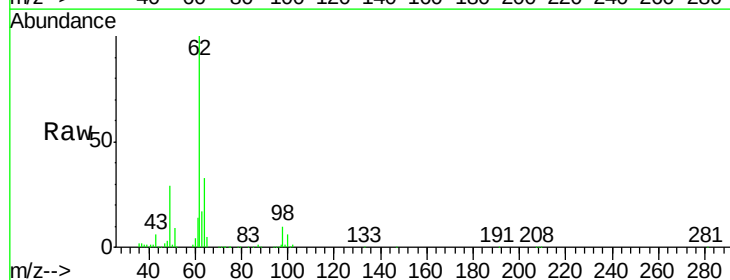
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

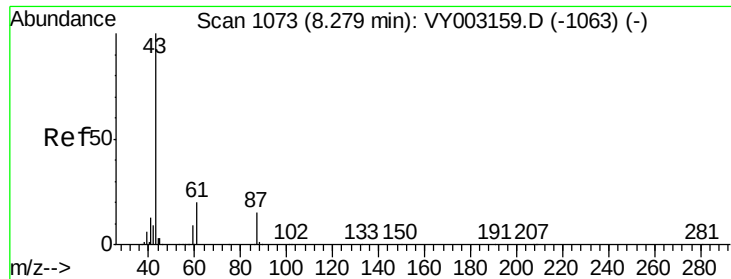
Tot Ion:	41	Resp:	111477
Ion	Ratio	Lower	Upper
41	100		
39	0.0	83.3	124.9#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.785 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion:	62	Resp:	290603
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0





#43

Isopropyl Acetate

Concen: 54.248 ug/l

RT: 8.27 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

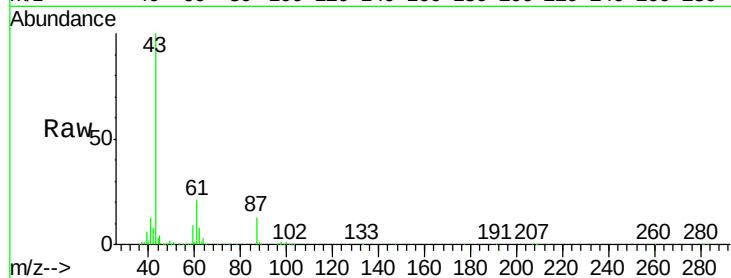
Tot Ion: 43 Resp: 374354

Ion Ratio Lower Upper

43 100

61 29.3 23.7 35.5

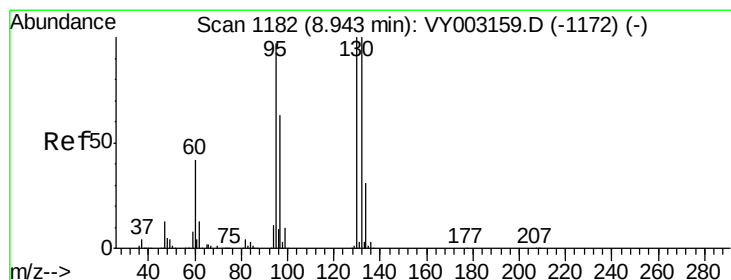
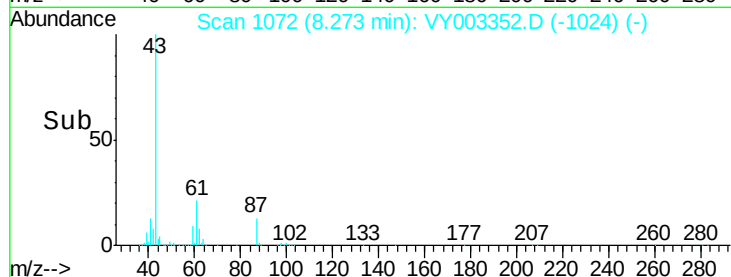
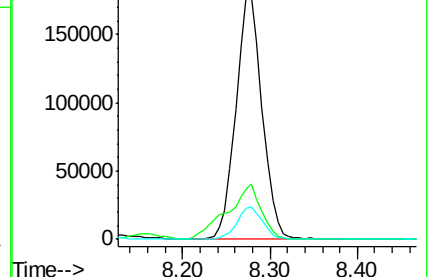
87 13.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY003352.D (-1072) (-)

Ion 61.00 (60.70 to 61.70): VY003352.D (-1072) (-)

Ion 87.00 (86.70 to 87.70): VY003352.D (-1072) (-)



#44

Trichloroethene

Concen: 50.002 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003352.D

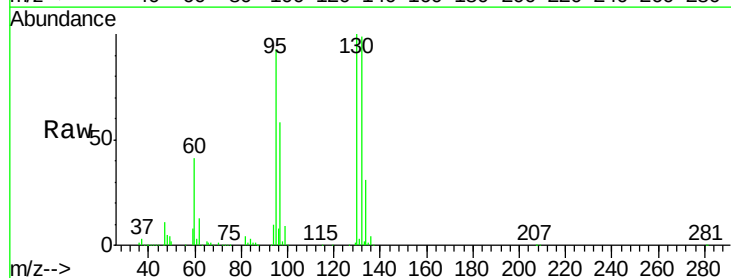
Acq: 27 Jul 2020 13:12

Tgt Ion:130 Resp: 279407

Ion Ratio Lower Upper

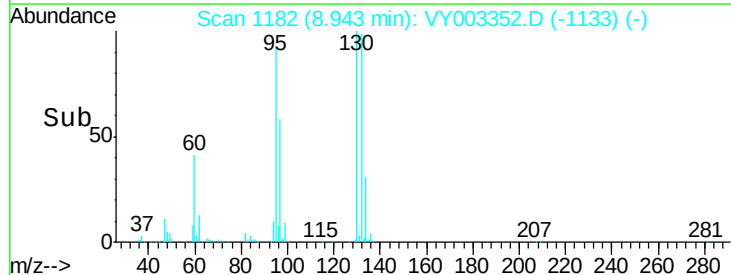
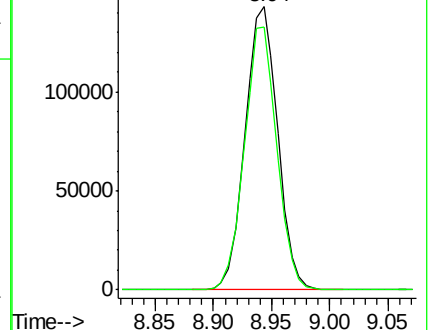
130 100

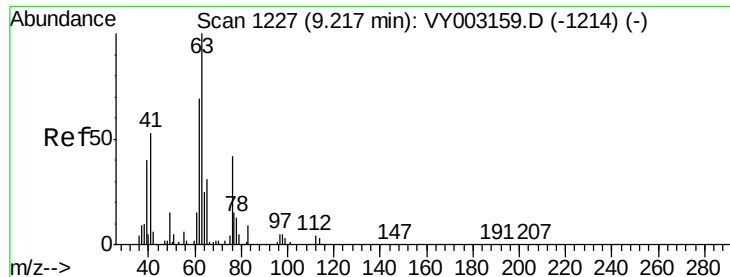
95 92.7 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VY003352.D (-1182) (-)

Ion 94.90 (94.60 to 95.60): VY003352.D (-1182) (-)





#45

1,2-Dichloropropane

Concen: 54.326 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

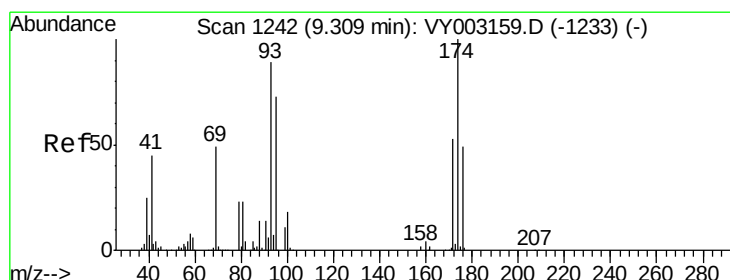
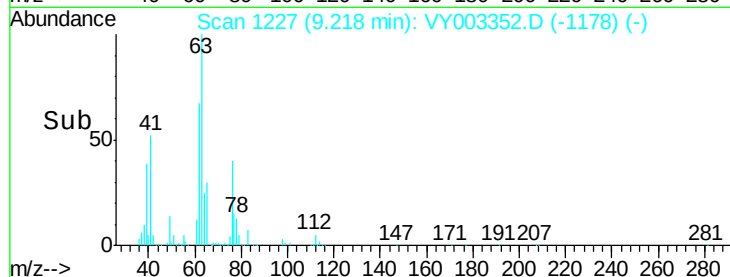
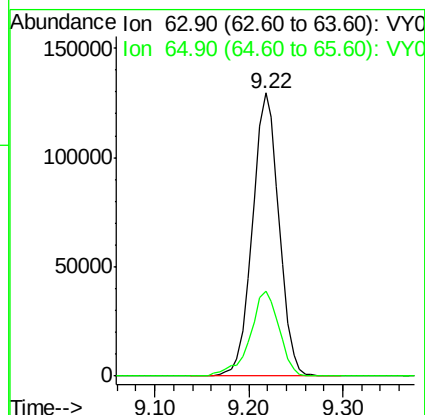
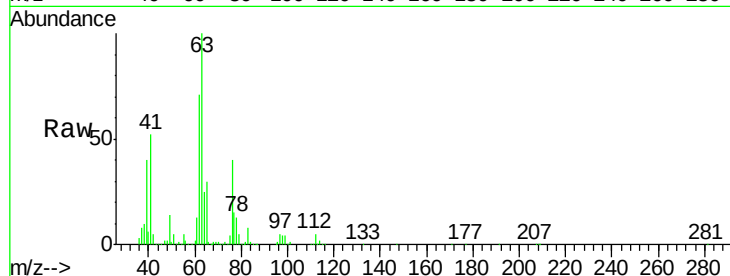
VSTDCCC050

Tot Ion: 63 Resp: 256237

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.4



#46

Dibromomethane

Concen: 50.690 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

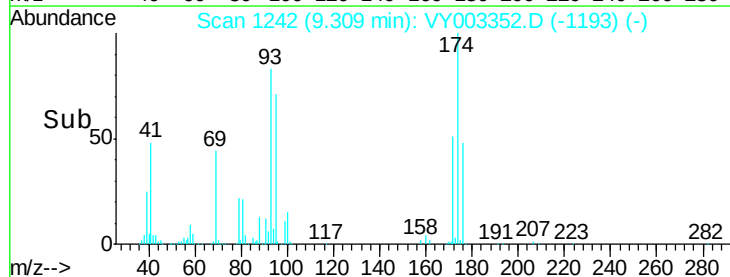
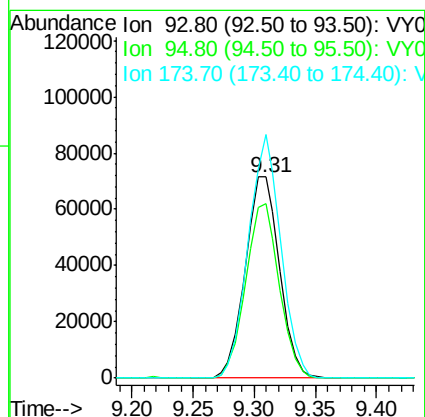
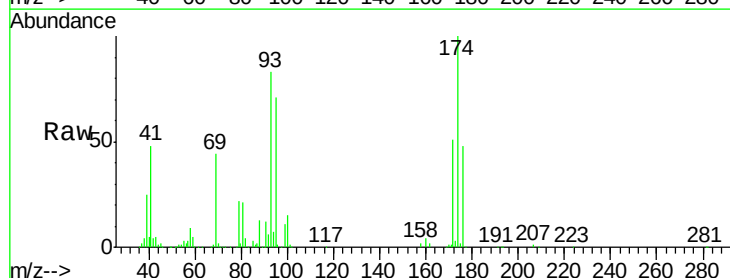
Tgt Ion: 93 Resp: 139643

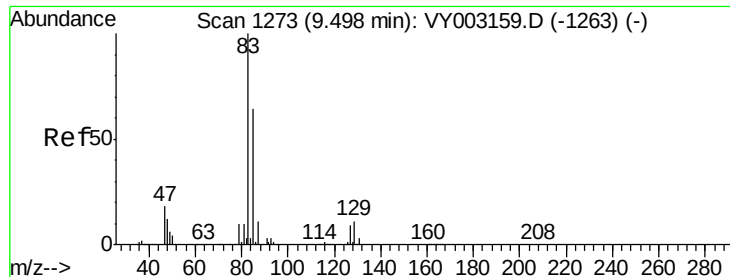
Ion Ratio Lower Upper

93 100

95 84.7 66.6 99.8

174 115.0 90.2 135.4





#47

Bromodichloromethane

Concen: 53.647 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

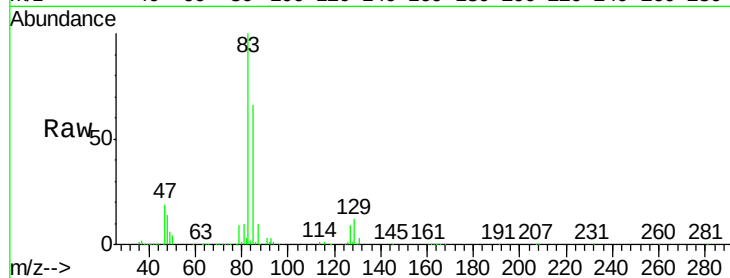
Tot Ion: 83 Resp: 351491

Ion Ratio Lower Upper

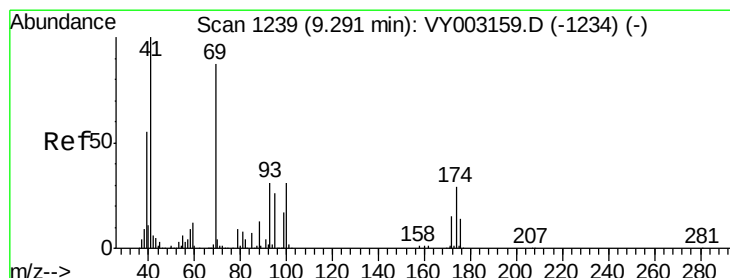
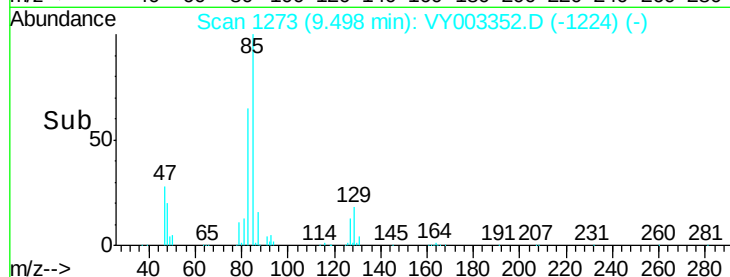
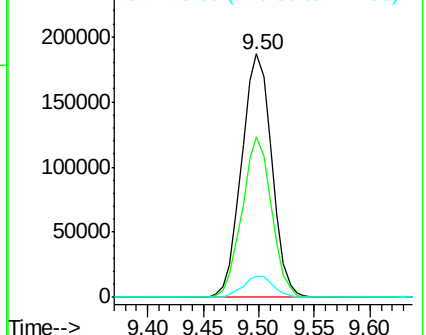
83 100

85 65.9 50.9 76.3

127 8.6 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): V



#48

Methyl methacrylate

Concen: 55.088 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

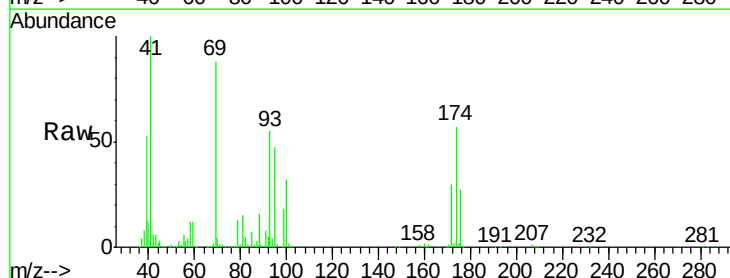
Tgt Ion: 41 Resp: 169948

Ion Ratio Lower Upper

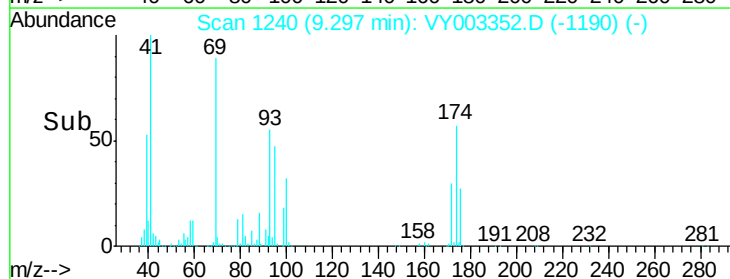
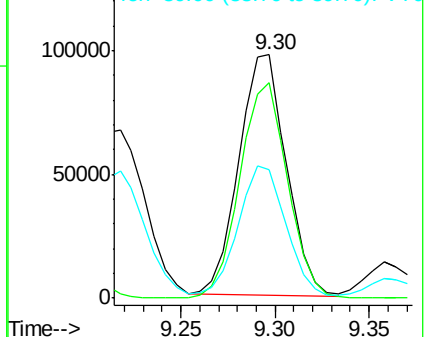
41 100

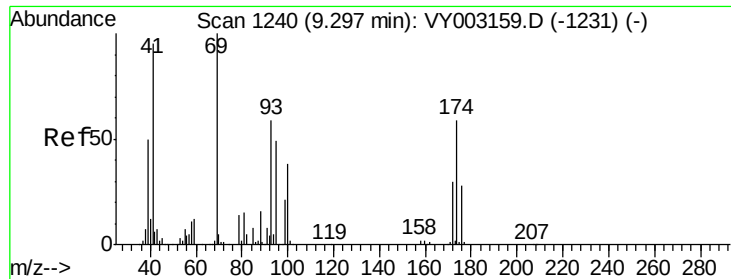
69 90.4 74.5 111.7

39 56.3 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 1063.488 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

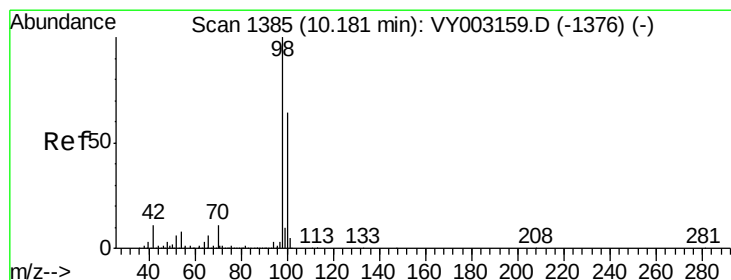
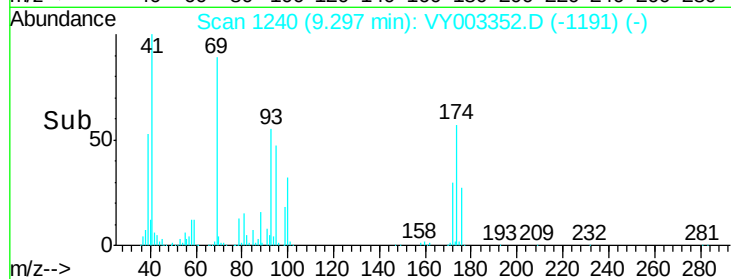
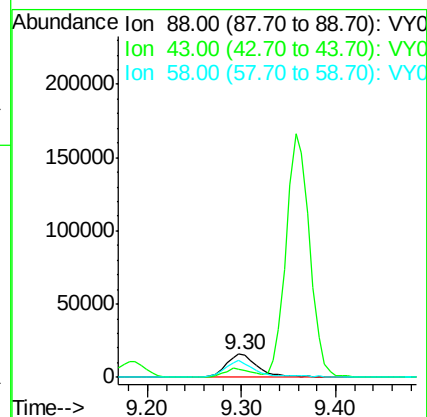
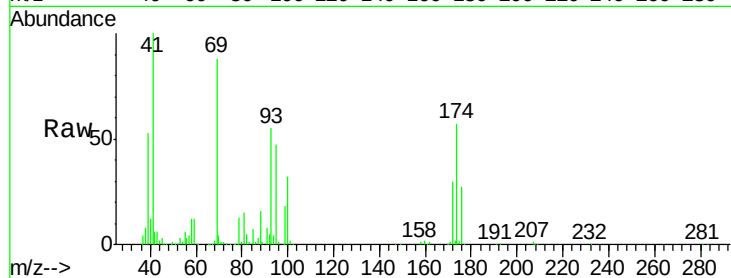
Tot Ion: 88 Resp: 37183

Ion Ratio Lower Upper

88 100

43 32.6 25.6 38.4

58 65.5 47.8 71.6



#50

Toluene-d8

Concen: 47.130 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003352.D

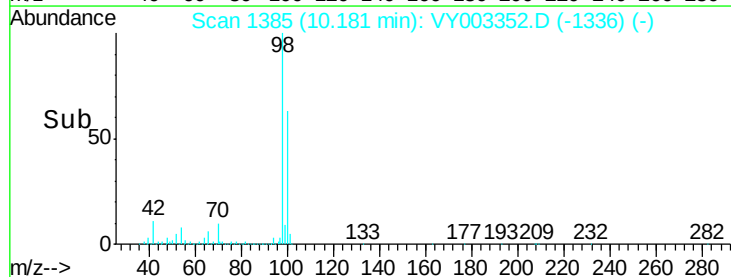
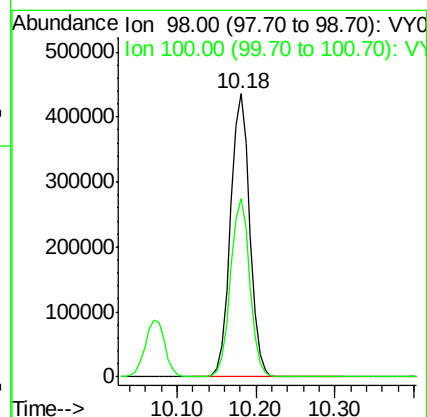
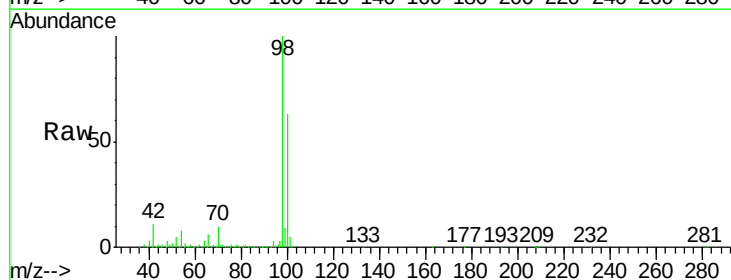
Acq: 27 Jul 2020 13:12

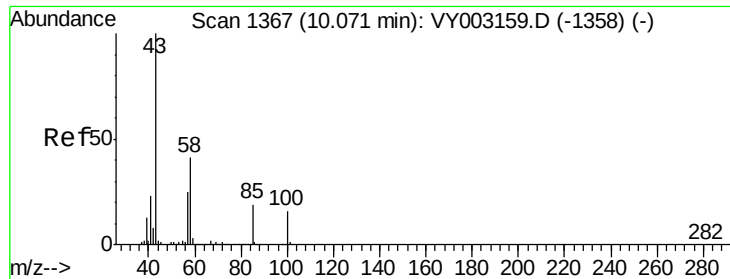
Tgt Ion: 98 Resp: 736525

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1

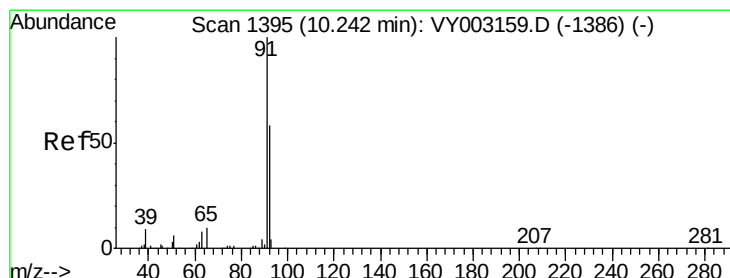
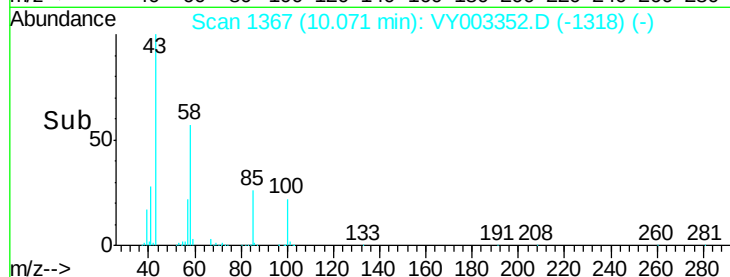
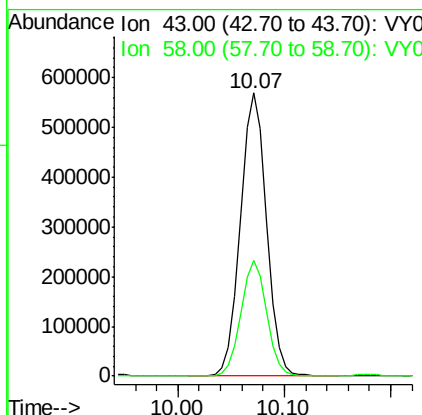
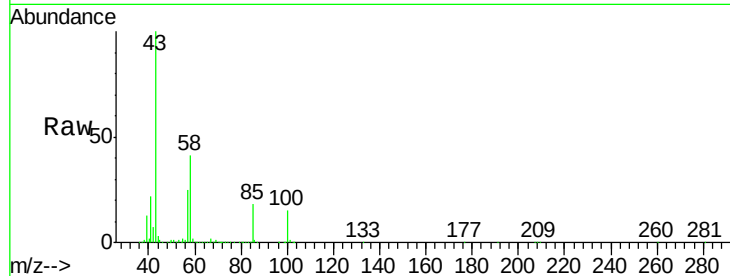




#51
 4-Methyl-2-Pentanone
 Concen: 272.980 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

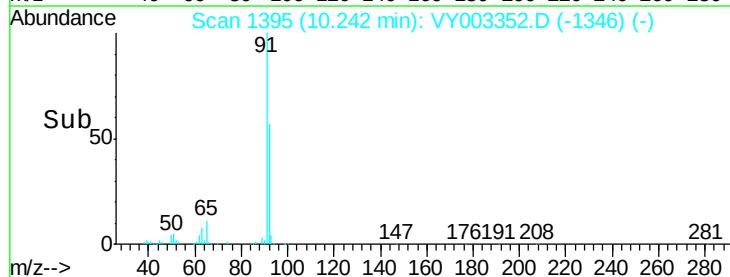
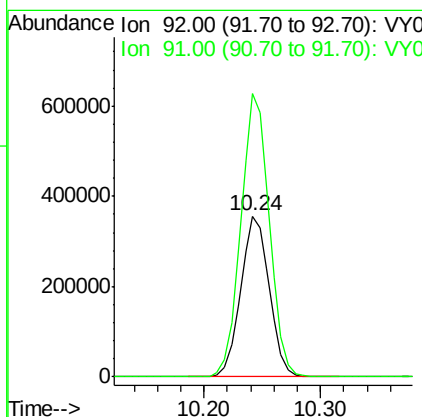
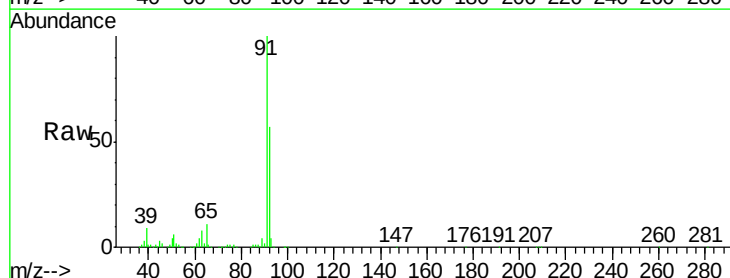
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

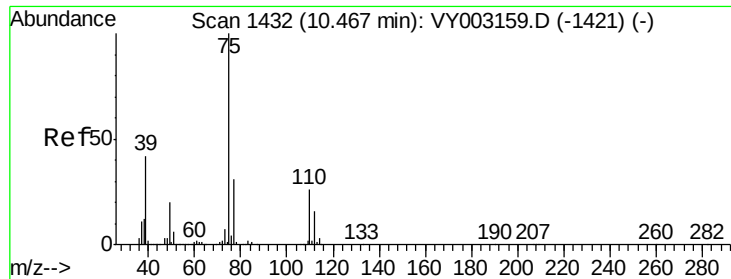
Tot Ion: 43 Resp: 979127
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.7 49.1



#52
 Toluene
 Concen: 52.106 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion: 92 Resp: 607081
 Ion Ratio Lower Upper
 92 100
 91 175.7 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 54.289 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

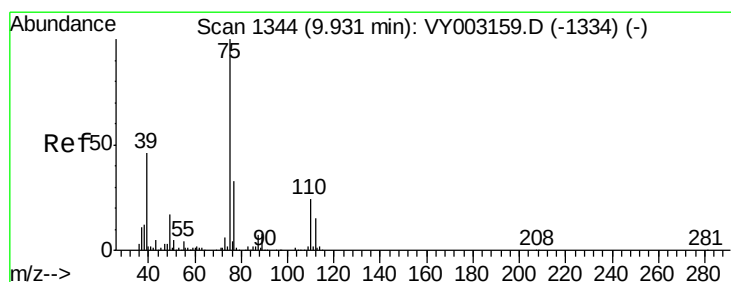
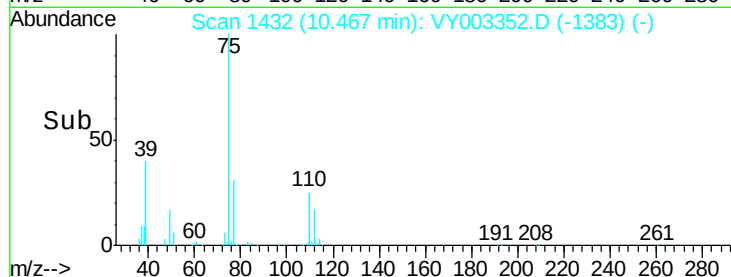
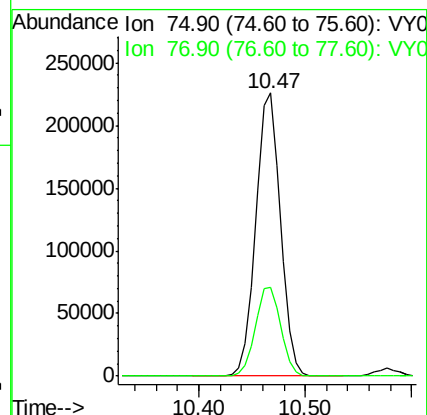
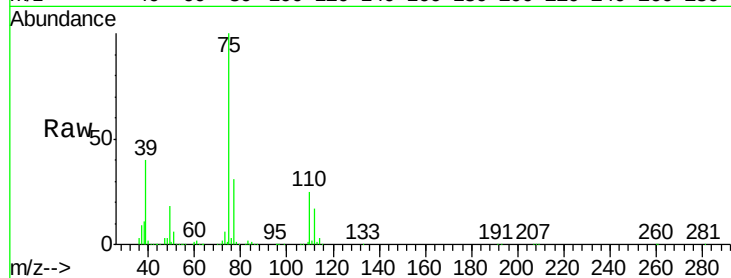
VSTDCCC050

Tot Ion: 75 Resp: 368532

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.866 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

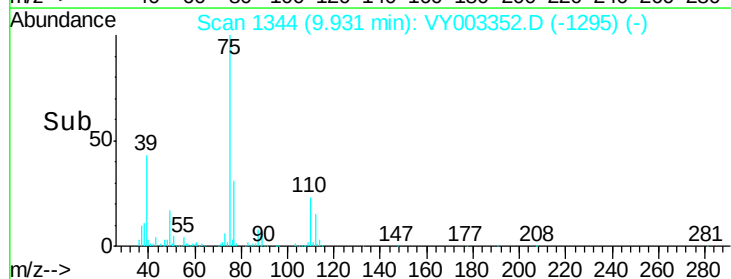
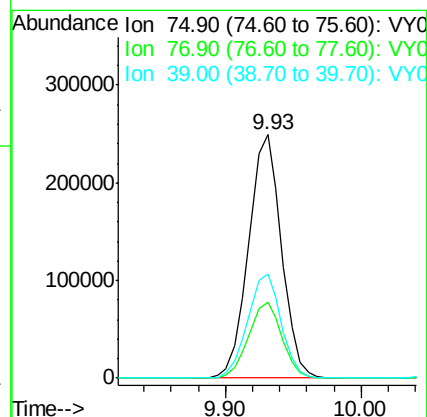
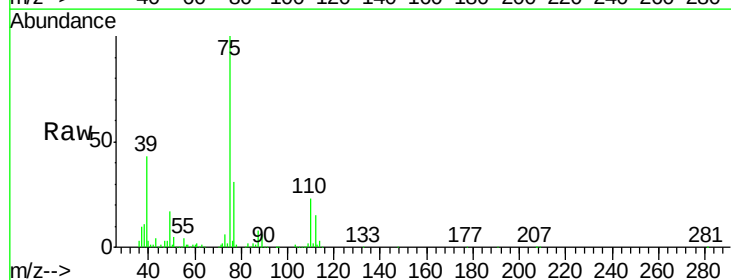
Tgt Ion: 75 Resp: 421312

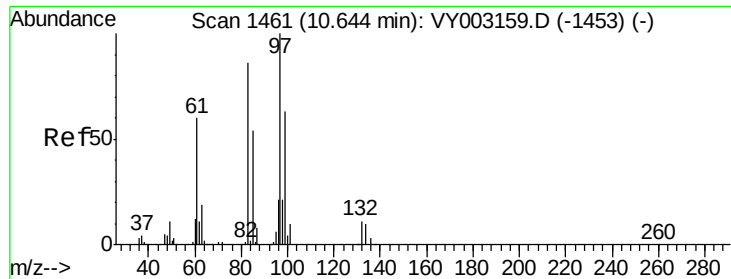
Ion Ratio Lower Upper

75 100

77 31.1 26.7 40.1

39 42.9 37.0 55.6





#55

1,1,2-Trichloroethane

Concen: 51.623 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 201519

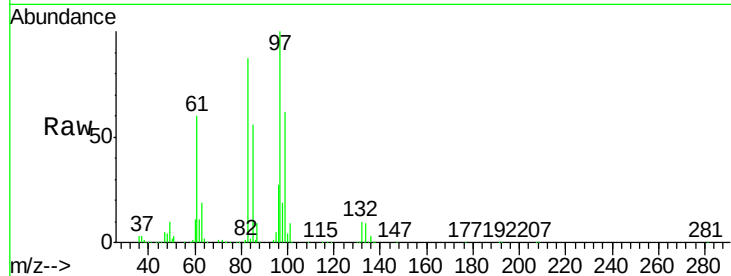
Ion Ratio Lower Upper

97 100

83 86.8 68.8 103.2

85 56.1 43.1 64.7

99 61.9 50.8 76.2

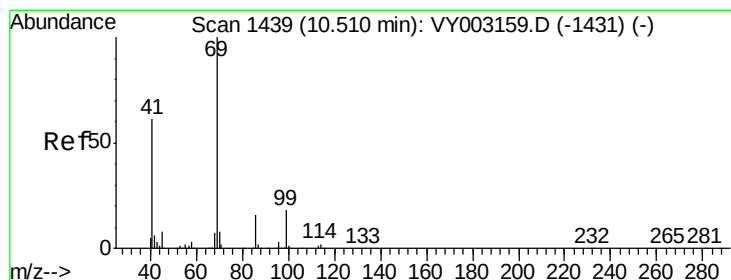
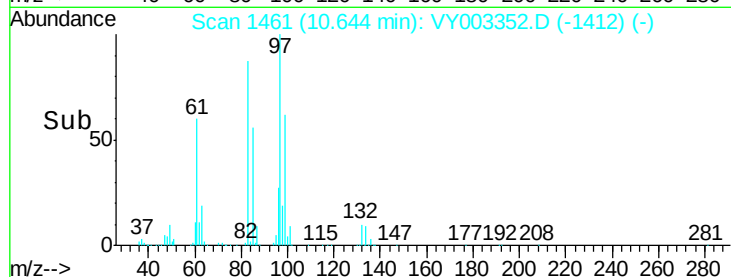
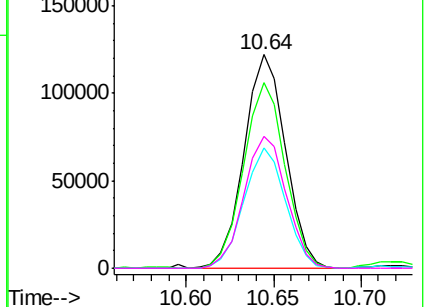


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 54.172 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

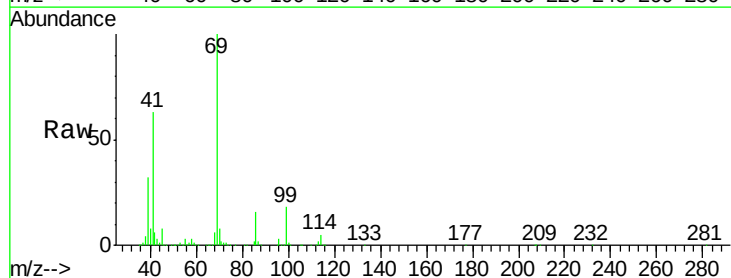
Tgt Ion: 69 Resp: 287504

Ion Ratio Lower Upper

69 100

41 64.8 50.0 75.0

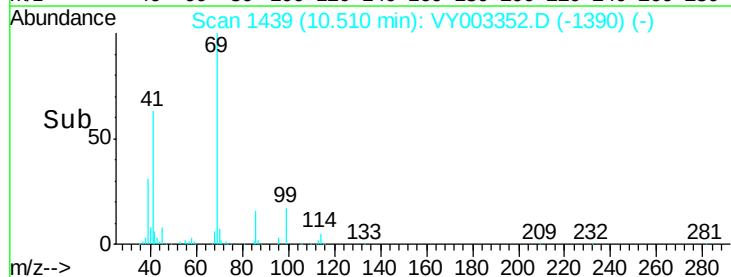
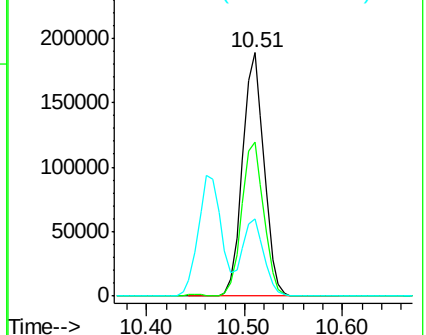
39 32.4 27.6 41.4

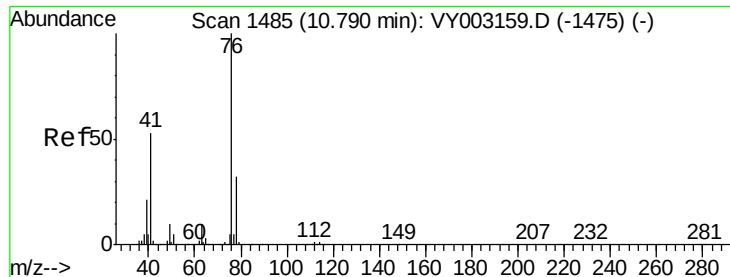


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 52.995 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

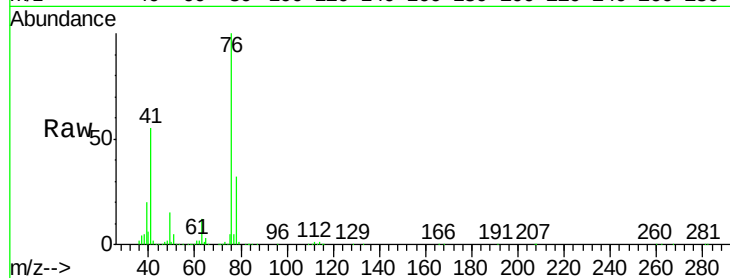
VSTDCCC050

Tot Ion: 76 Resp: 350774

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

250000

200000

150000

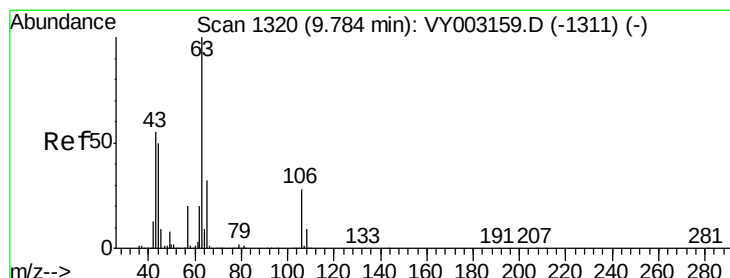
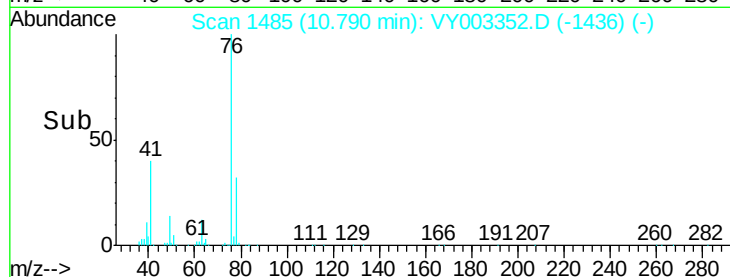
100000

50000

0

10.70 10.80 10.90

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 265.497 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003352.D

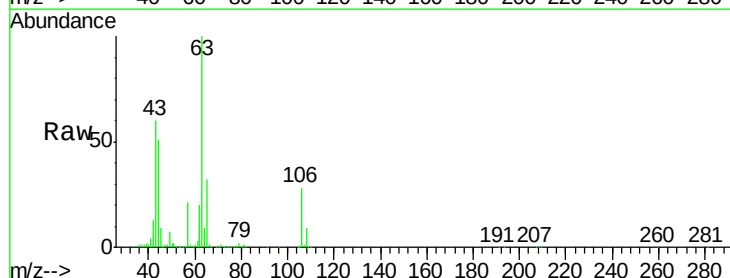
Acq: 27 Jul 2020 13:12

Tgt Ion: 63 Resp: 718614

Ion Ratio Lower Upper

63 100

106 27.8 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

500000

400000

300000

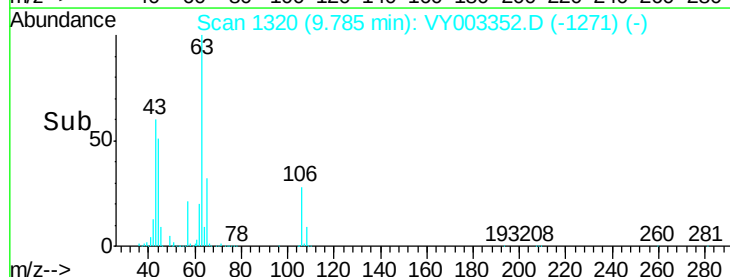
200000

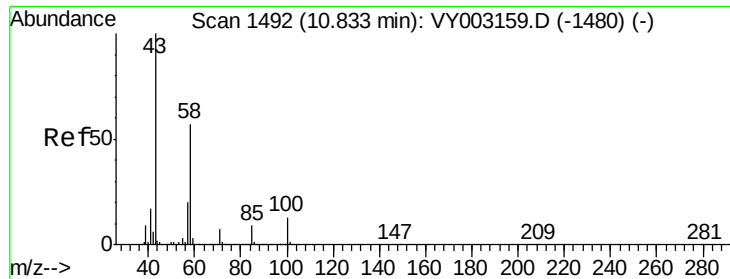
100000

0

9.70 9.80 9.90

Time-->

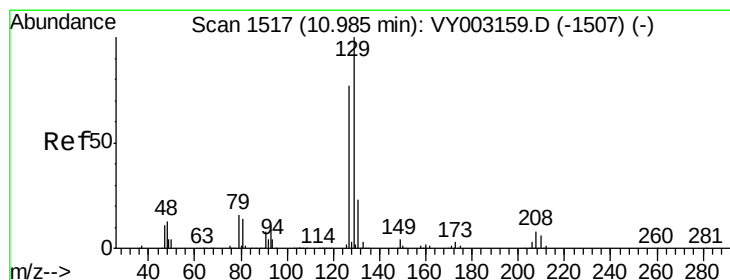
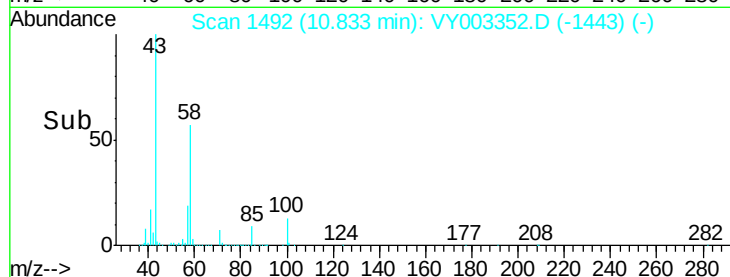
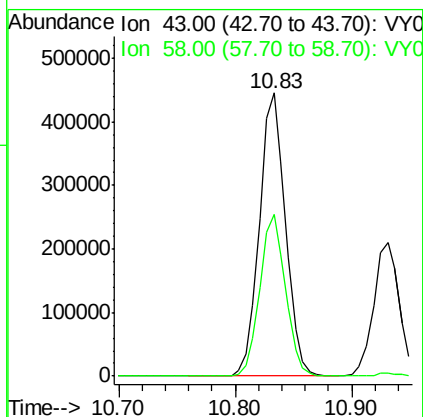
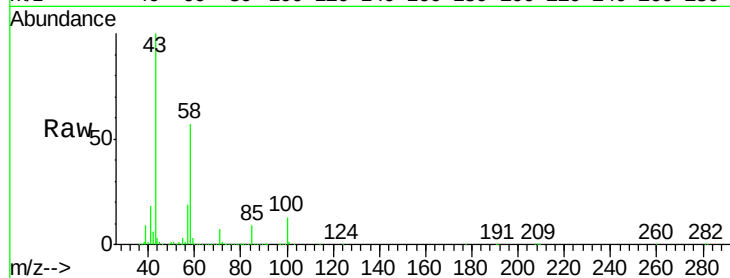




#59
2-Hexanone
Concen: 276.005 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

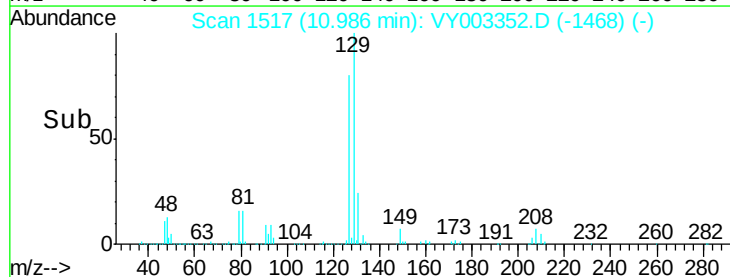
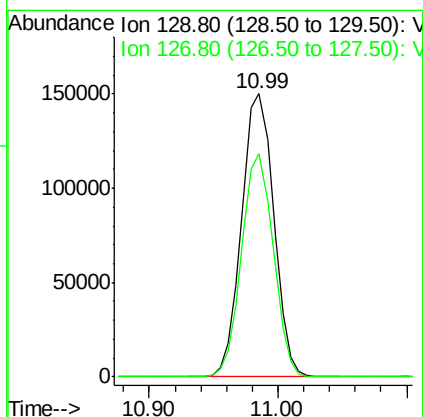
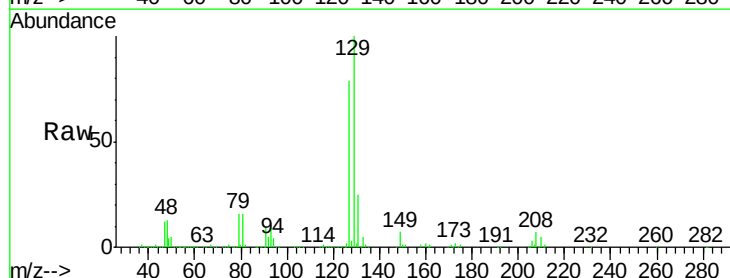
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

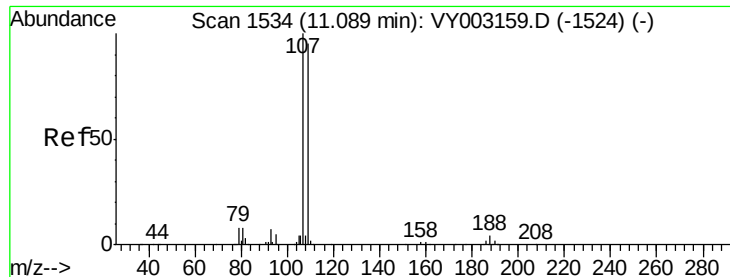
Tot Ion: 43 Resp: 691076
Ion Ratio Lower Upper
43 100
58 56.4 28.3 85.0



#60
Dibromochloromethane
Concen: 52.845 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion: 129 Resp: 259464
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

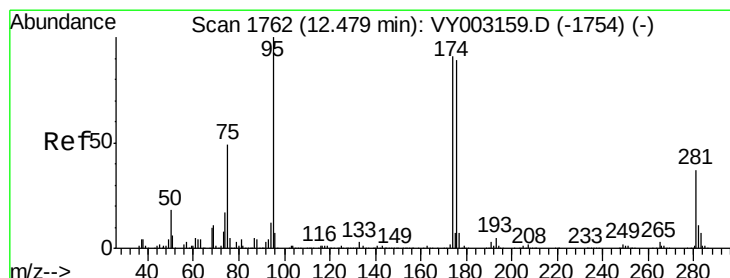
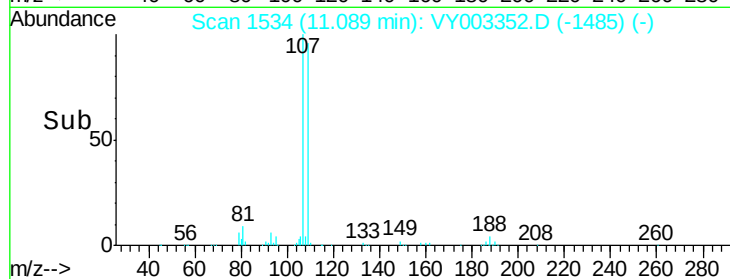
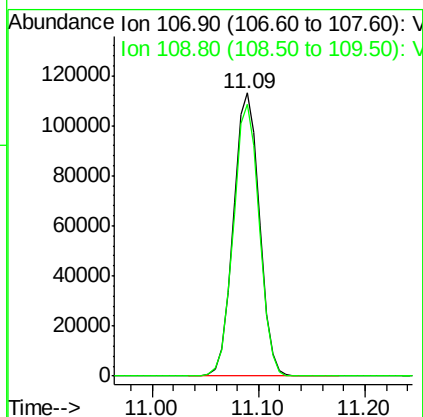
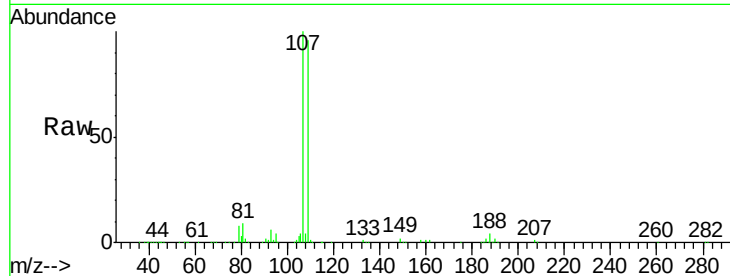




#61
 1,2-Dibromoethane
 Concen: 50.275 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

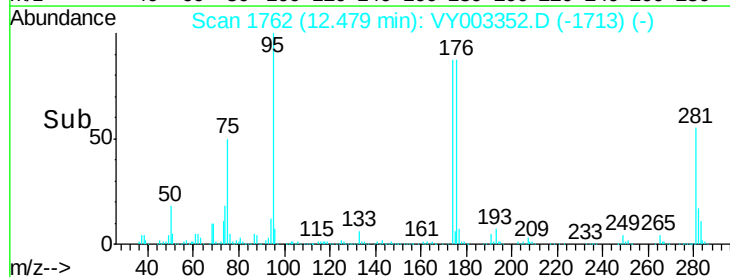
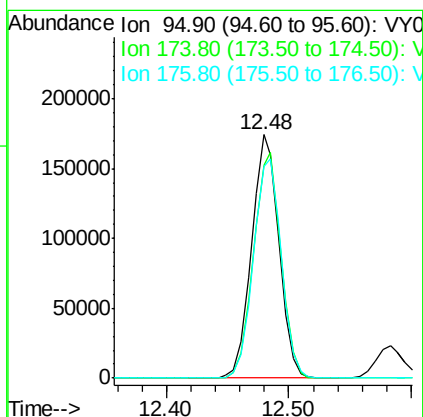
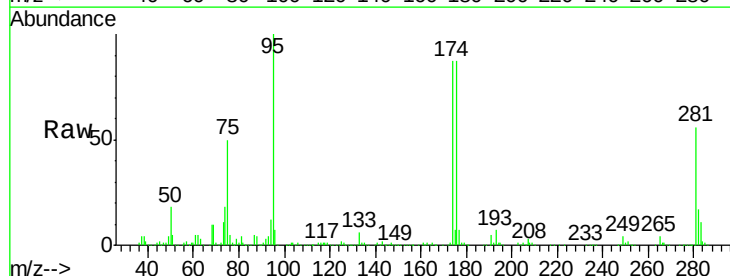
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

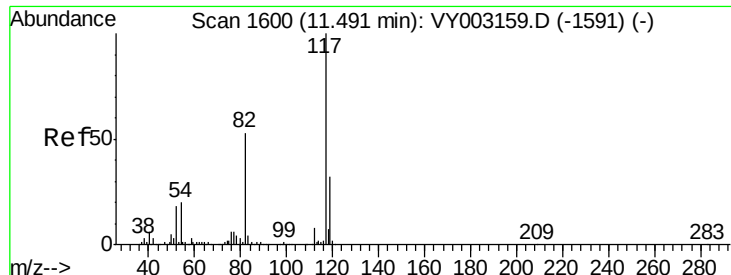
Tot Ion: 107 Resp: 193701
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.995 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion: 95 Resp: 270963
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 190.6
 176 92.0 0.0 186.4

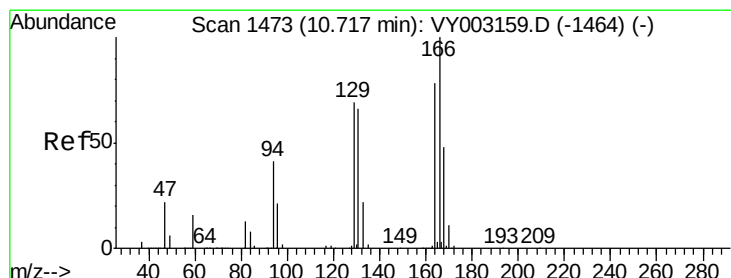
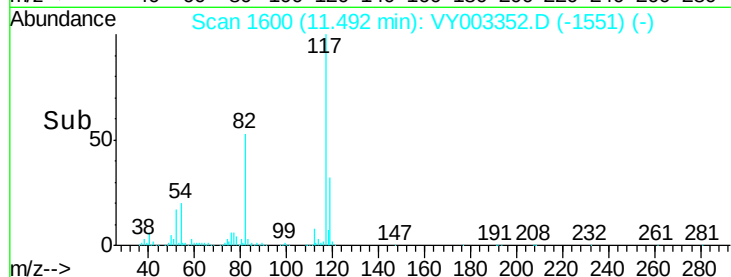
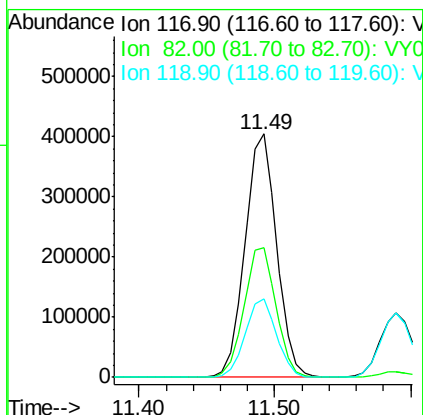
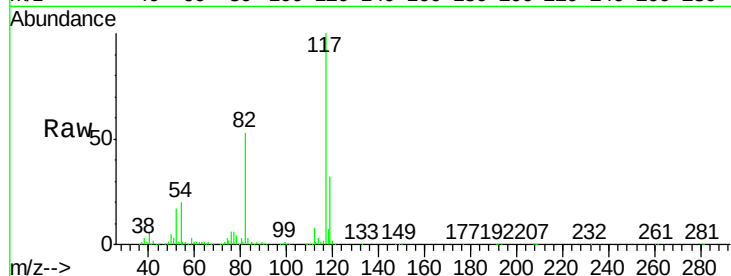




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

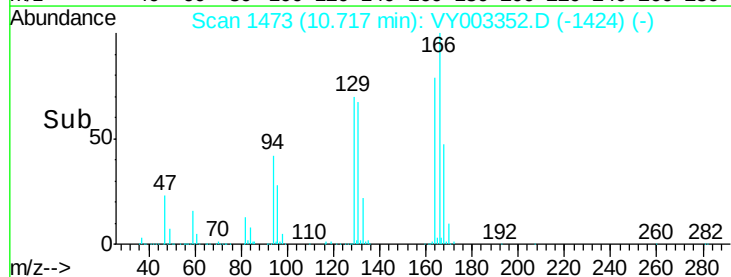
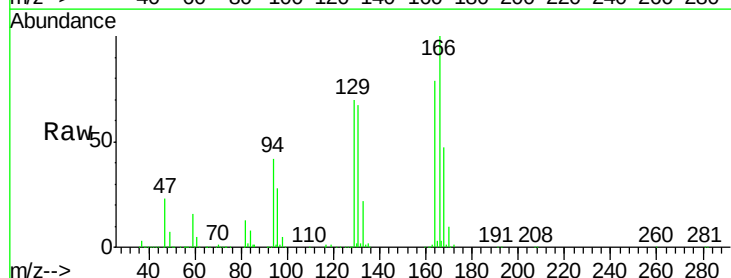
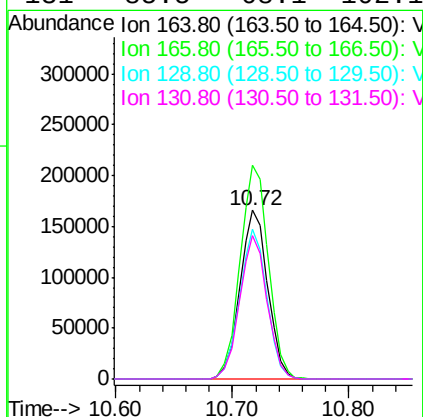
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

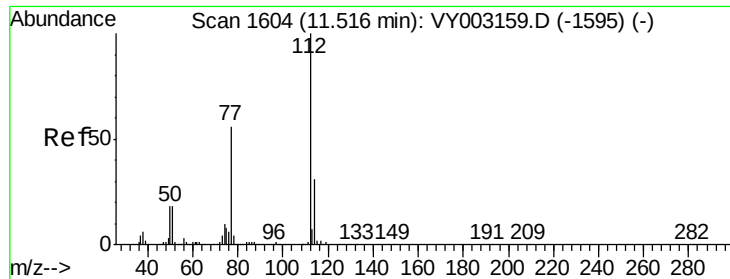
Tot Ion:117 Resp: 657204
Ion Ratio Lower Upper
117 100
82 53.5 42.0 63.0
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 47.154 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion:164 Resp: 276318
Ion Ratio Lower Upper
164 100
166 126.8 102.9 154.3
129 89.3 71.4 107.2
131 85.5 68.1 102.1

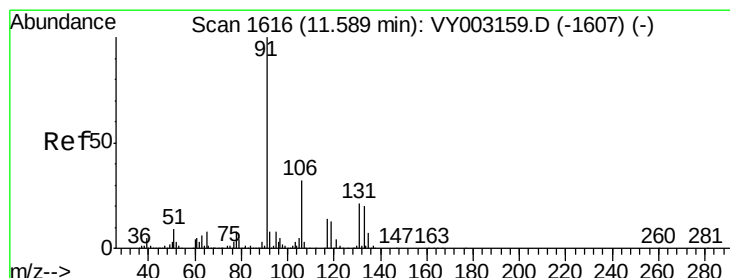
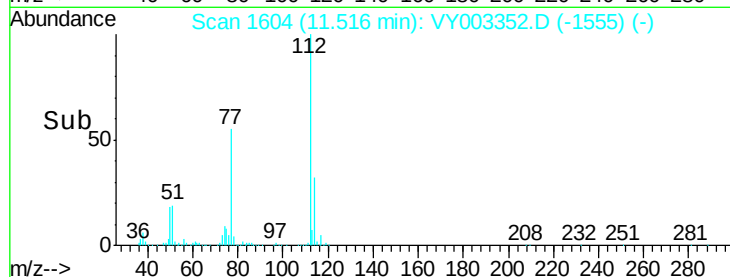
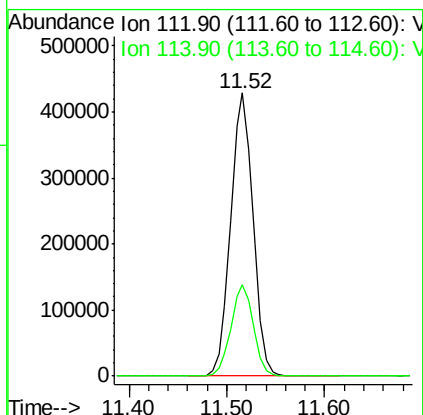
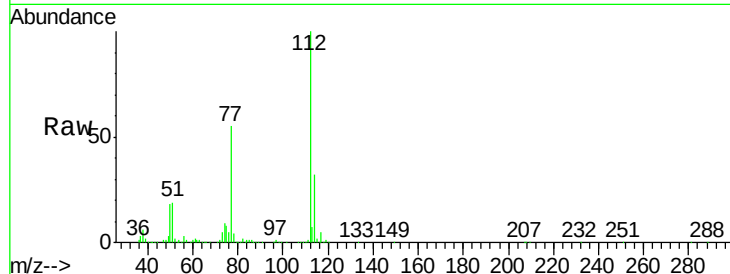




#65
Chlorobenzene
Concen: 53.532 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

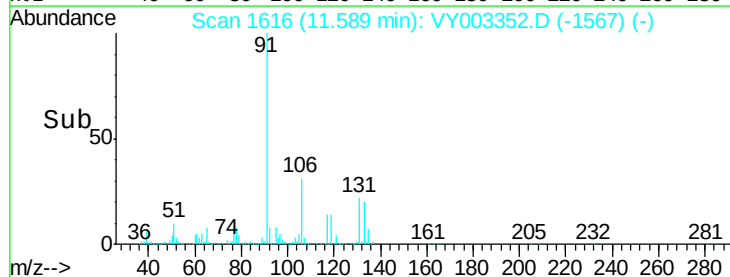
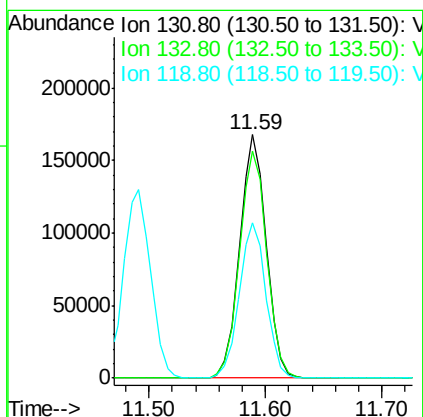
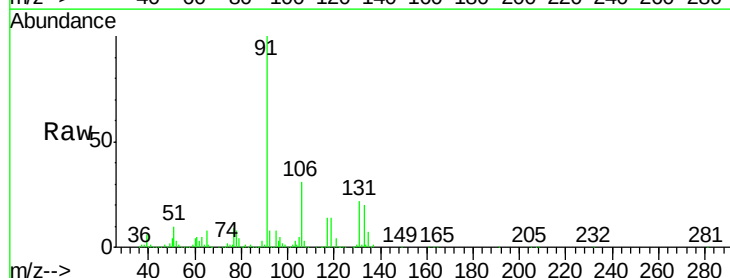
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

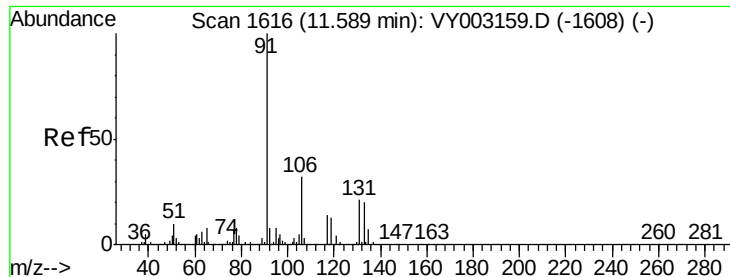
Tot Ion:112 Resp: 677747
Ion Ratio Lower Upper
112 100
114 32.2 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.172 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion:131 Resp: 266383
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.2 32.4 97.0





#67

Ethyl Benzene

Concen: 53.688 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

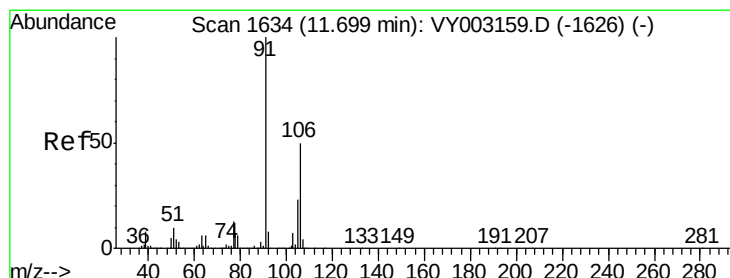
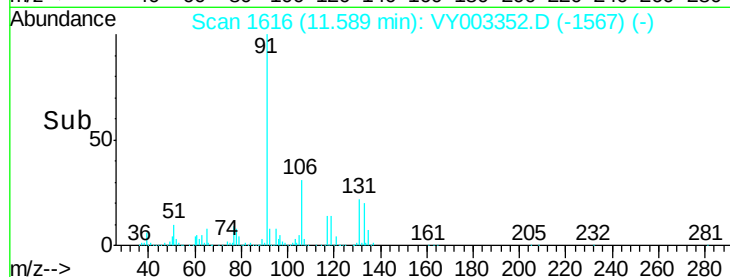
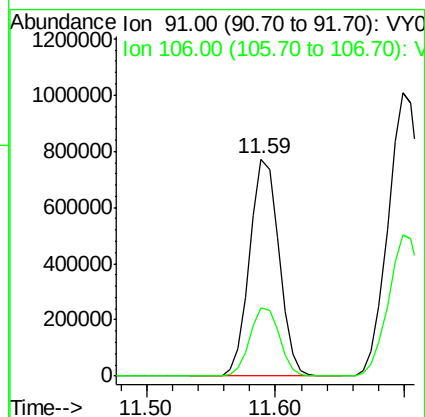
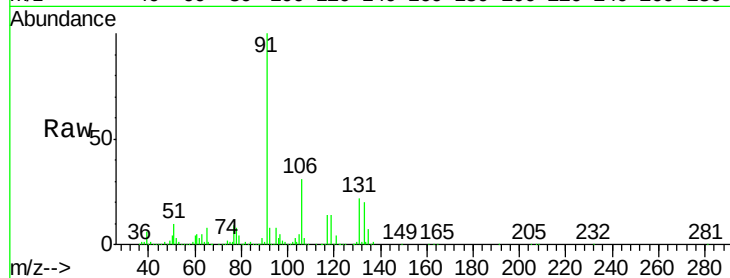
VSTDCCC050

Tot Ion: 91 Resp: 1213643

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 107.008 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003352.D

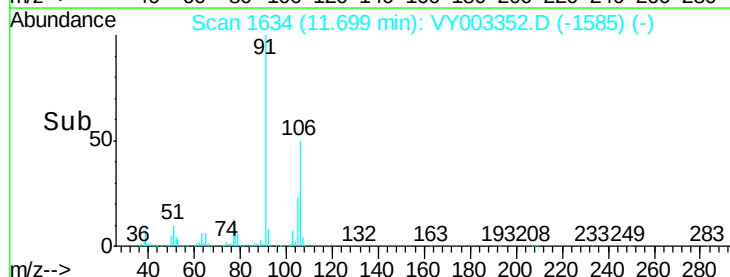
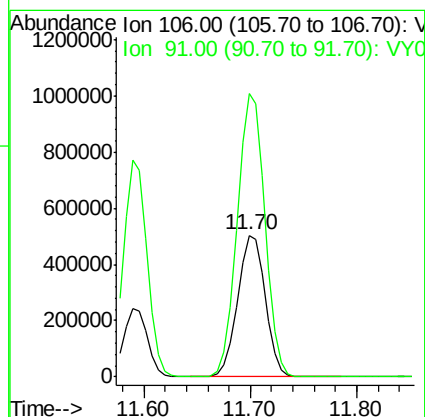
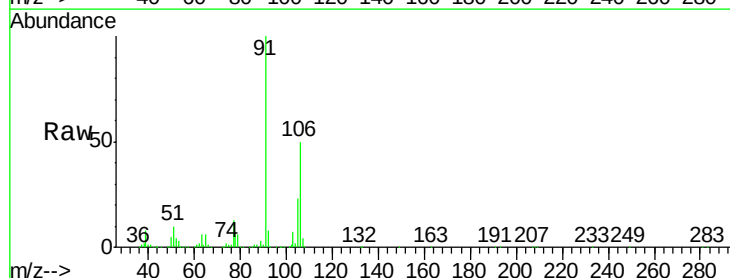
Acq: 27 Jul 2020 13:12

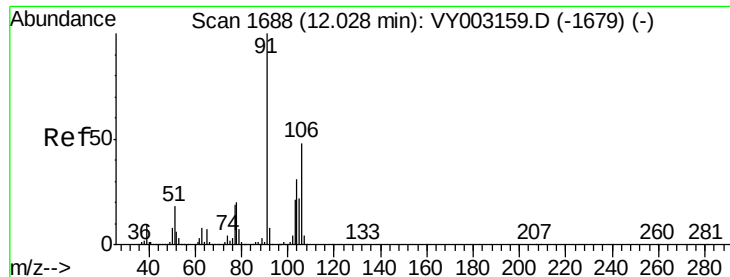
Tgt Ion: 106 Resp: 917832

Ion Ratio Lower Upper

106 100

91 200.3 159.0 238.6

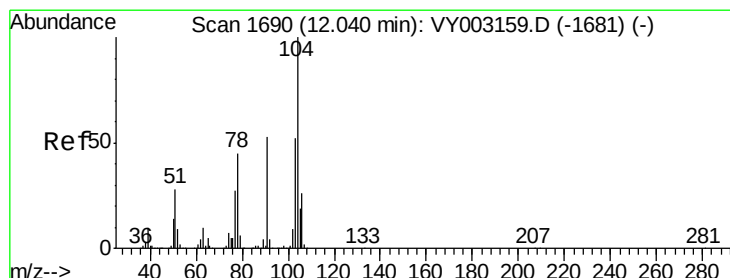
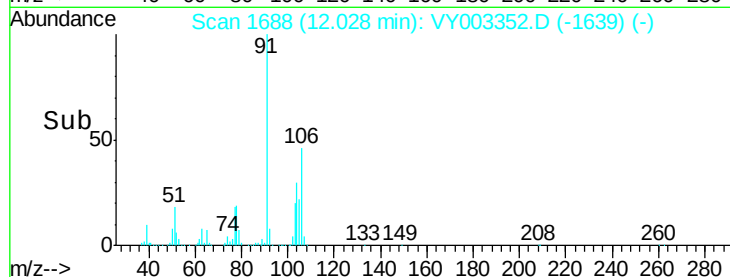
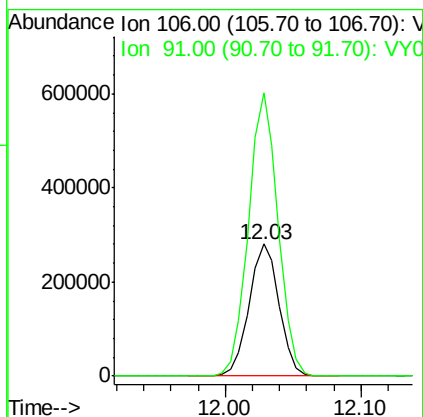
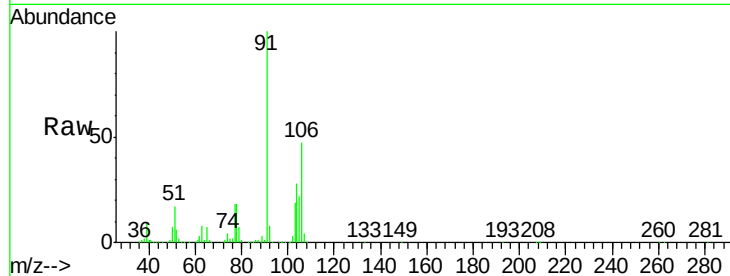




#69
o-Xylene
Concen: 54.119 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

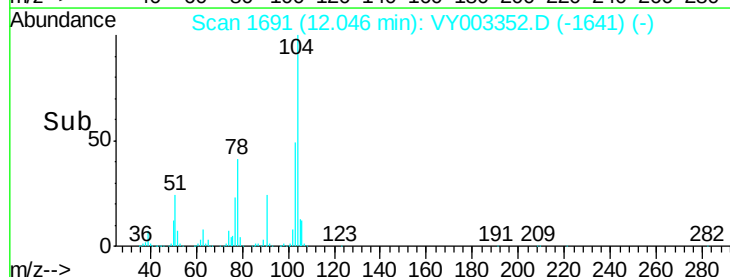
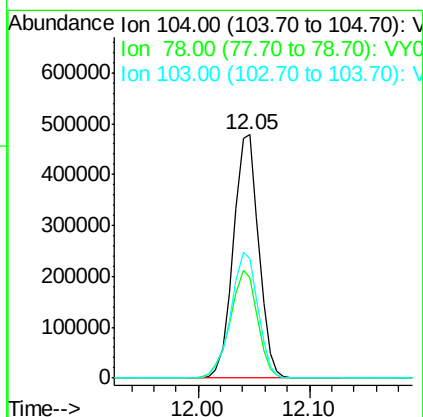
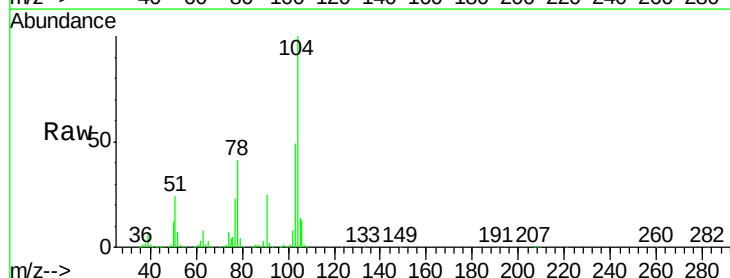
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

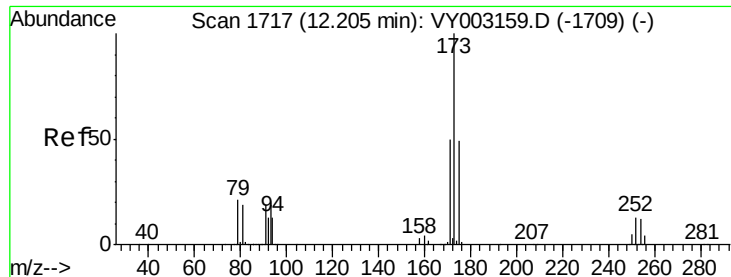
Tot Ion:106 Resp: 433654
Ion Ratio Lower Upper
106 100
91 211.1 105.1 315.1



#70
Styrene
Concen: 55.010 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion:104 Resp: 754049
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 55.3 43.9 65.9





#71

Bromoform

Concen: 54.689 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

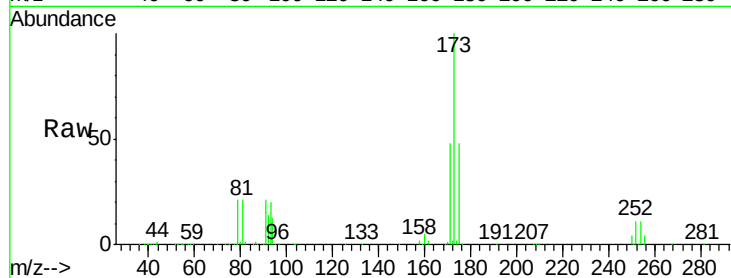
Tot Ion:173 Resp: 176502

Ion Ratio Lower Upper

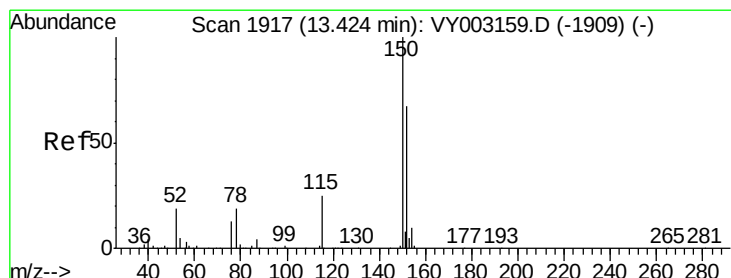
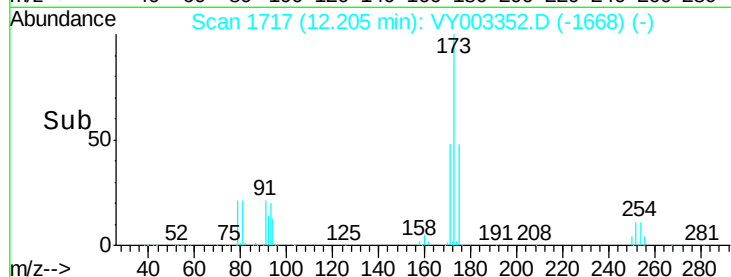
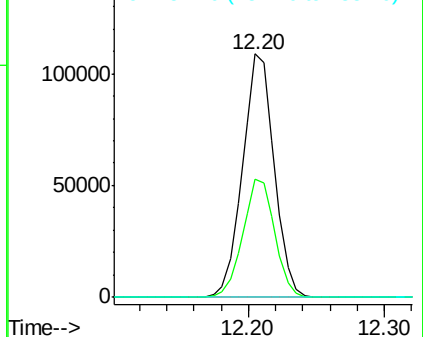
173 100

175 48.9 24.3 73.0

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

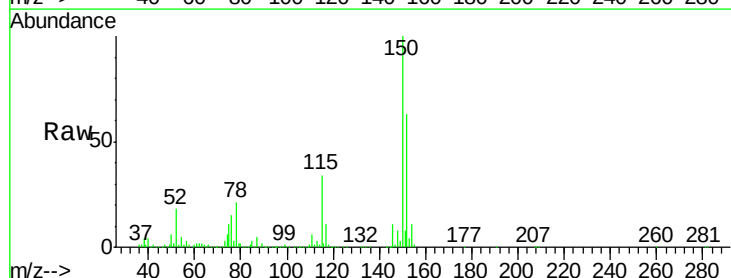
Tgt Ion:152 Resp: 352900

Ion Ratio Lower Upper

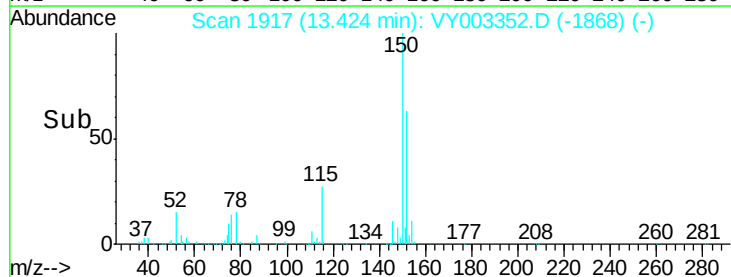
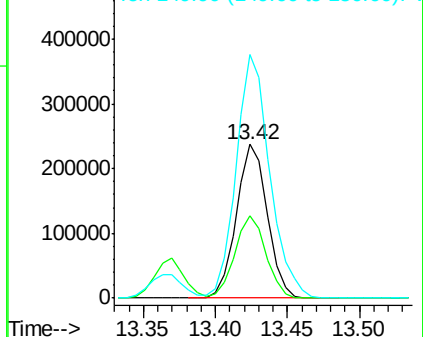
152 100

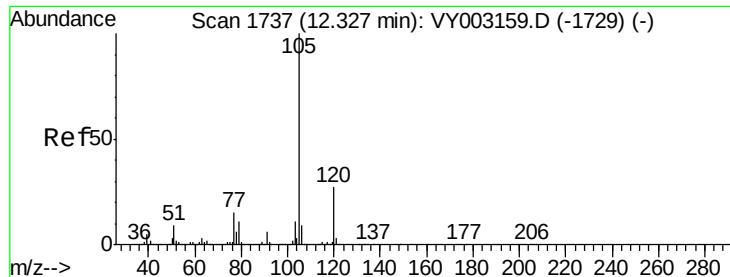
115 54.2 26.9 80.7

150 173.0 0.0 338.0



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





#73

Isopropylbenzene

Concen: 53.434 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

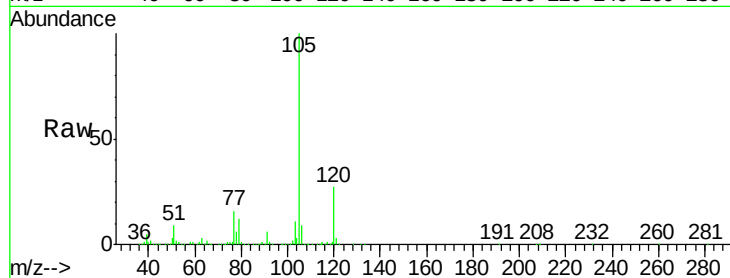
VSTDCCC050

Tot Ion:105 Resp: 1201696

Ion Ratio Lower Upper

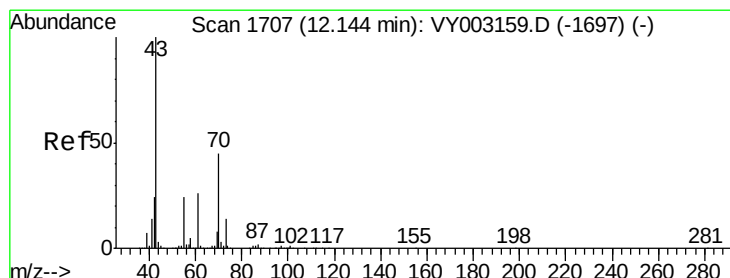
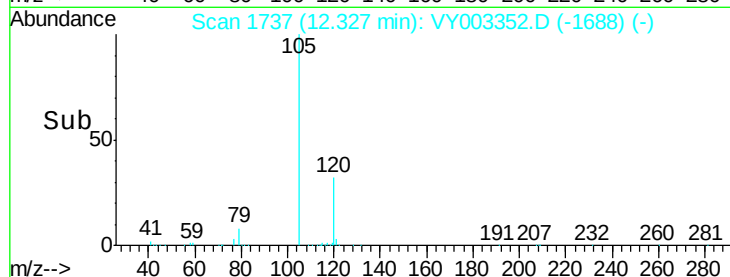
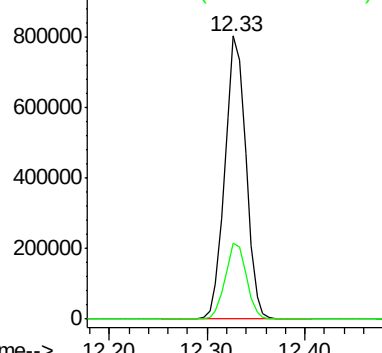
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.694 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Tgt Ion: 43 Resp: 345130

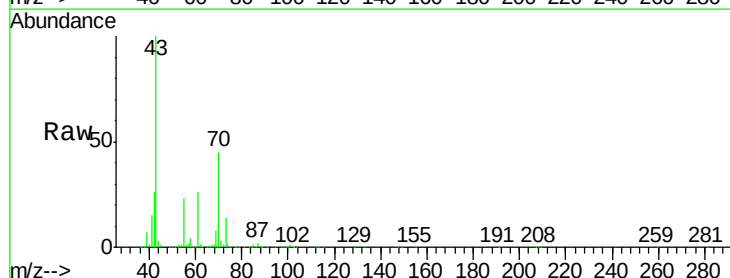
Ion Ratio Lower Upper

43 100

70 43.4 35.6 53.4

55 23.6 19.4 29.2

61 25.0 20.8 31.2

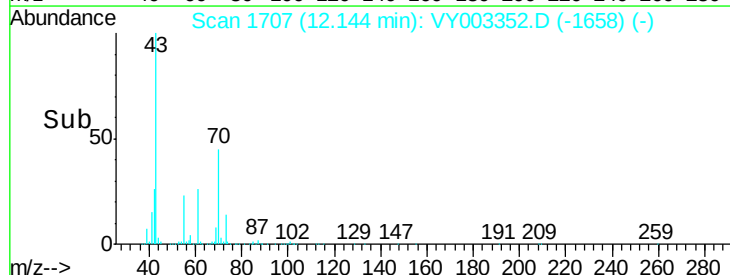
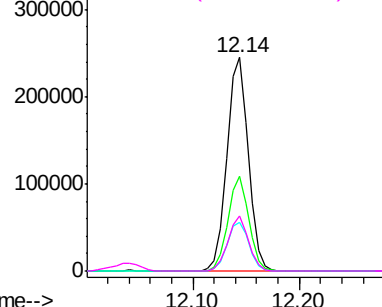


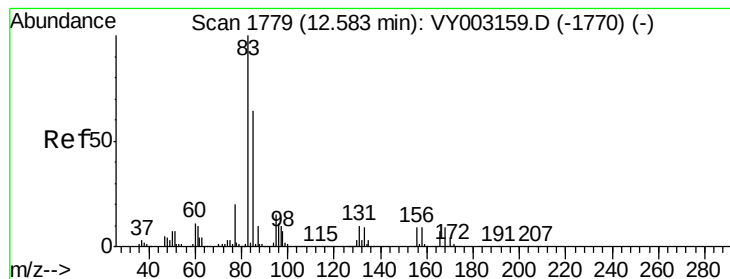
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.109 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

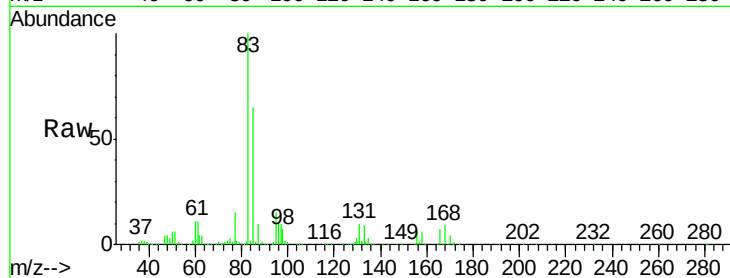
Tot Ion: 83 Resp: 239365

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

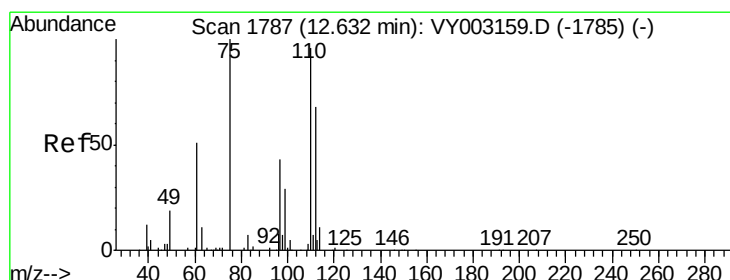
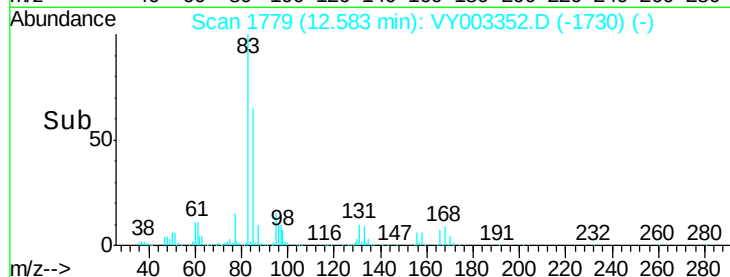
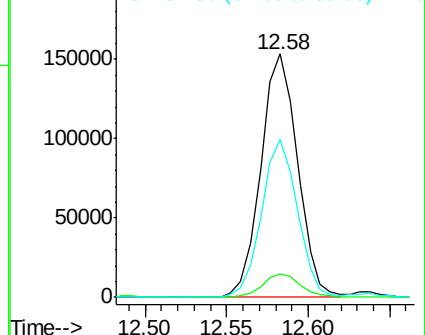
85 63.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 54.421 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003352.D

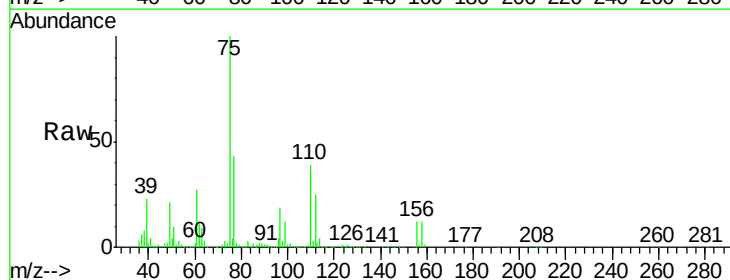
Acq: 27 Jul 2020 13:12

Tgt Ion: 75 Resp: 169998

Ion Ratio Lower Upper

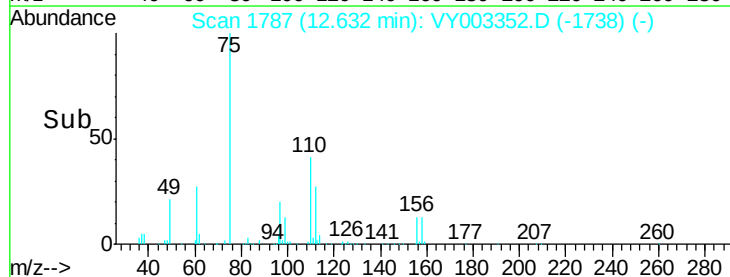
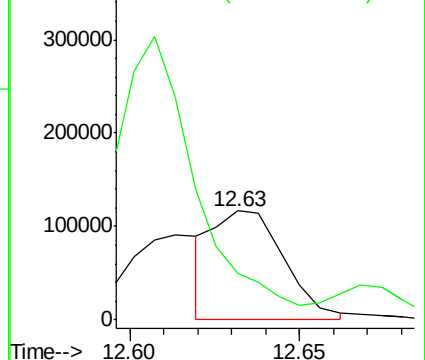
75 100

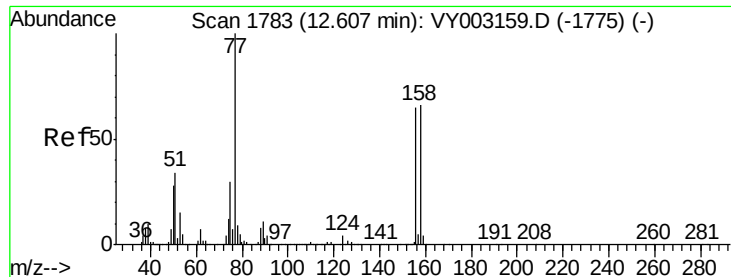
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 52.512 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

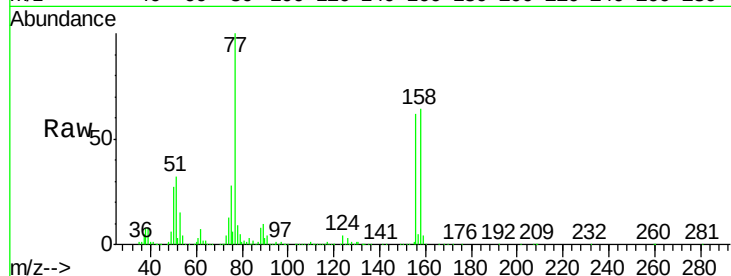
Tot Ion:156 Resp: 301027

Ion Ratio Lower Upper

156 100

77 173.5 86.6 259.7

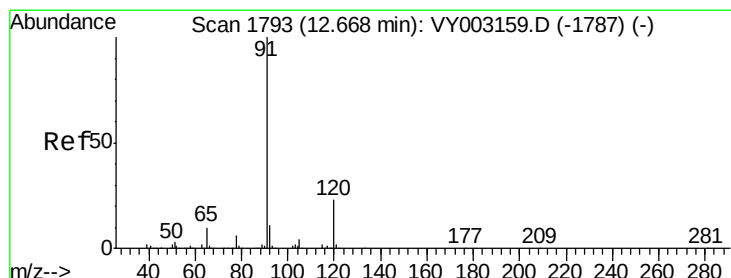
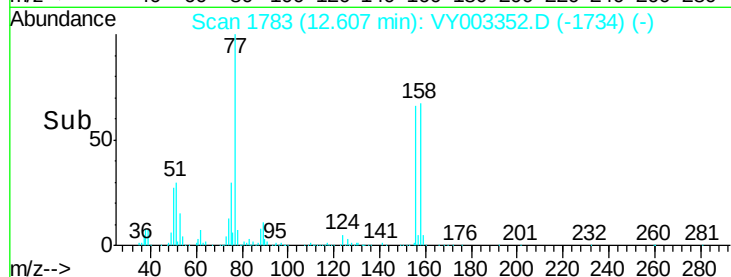
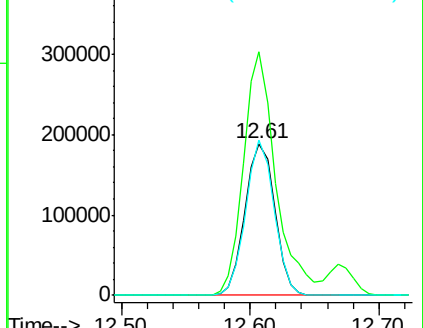
158 97.6 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.596 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003352.D

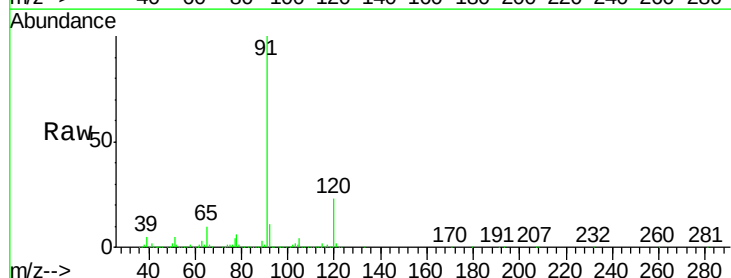
Acq: 27 Jul 2020 13:12

Tgt Ion: 91 Resp: 1420786

Ion Ratio Lower Upper

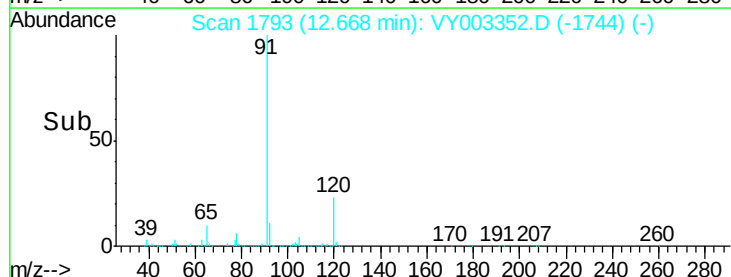
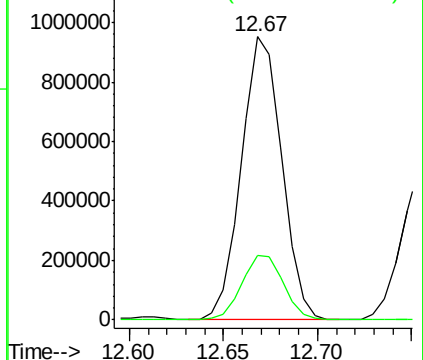
91 100

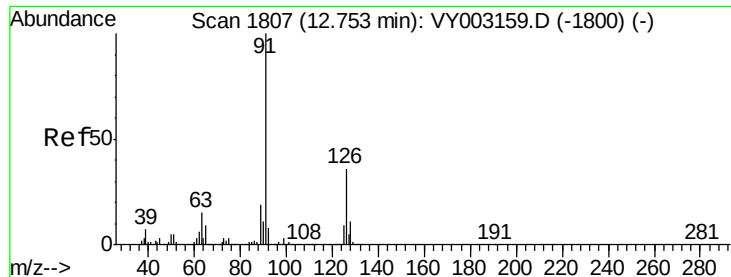
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

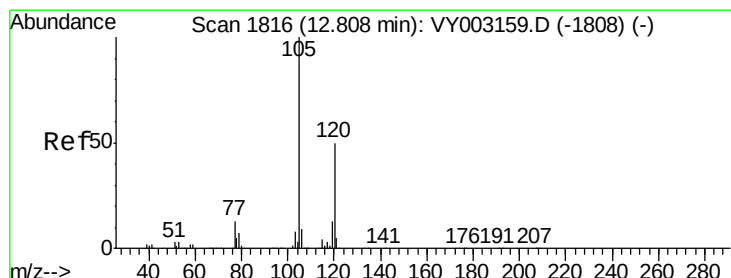
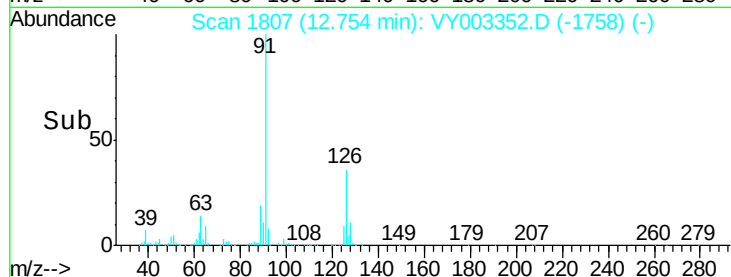
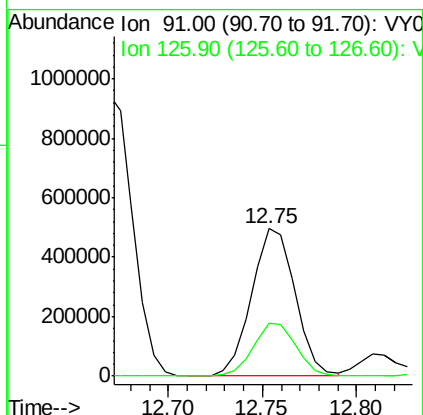
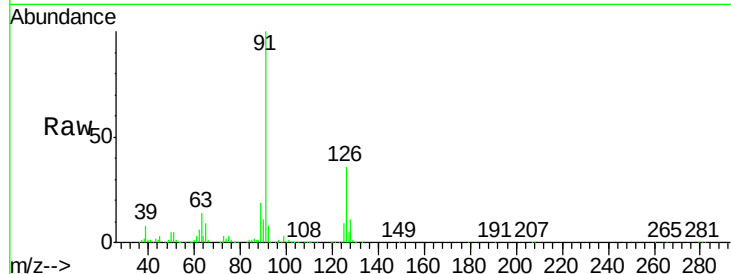




#79
2-Chlorotoluene
Concen: 53.487 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

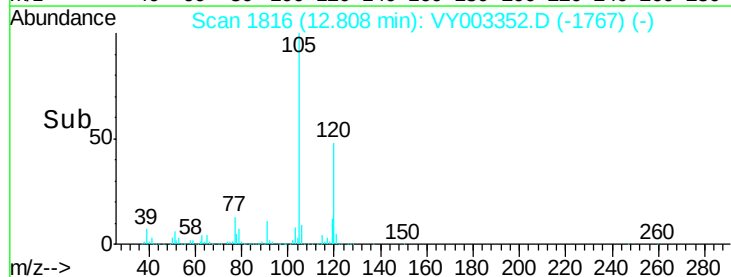
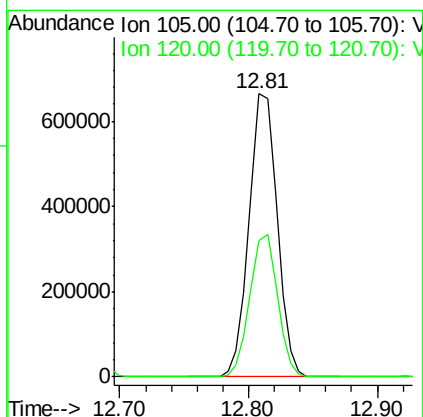
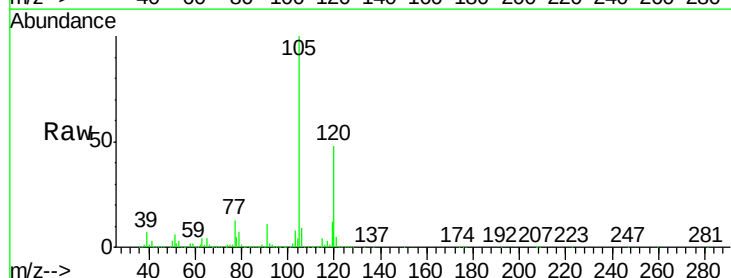
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

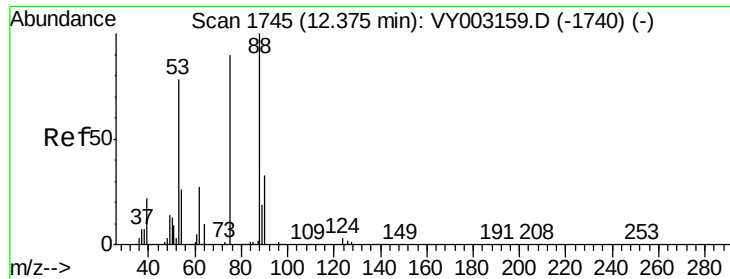
Tot Ion: 91 Resp: 791094
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 53.309 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion: 105 Resp: 999211
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 53.454 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

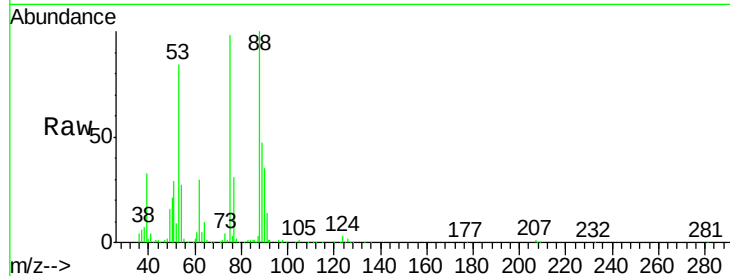
Tot Ion: 75 Resp: 85798

Ion Ratio Lower Upper

75 100

53 87.1 72.0 108.0

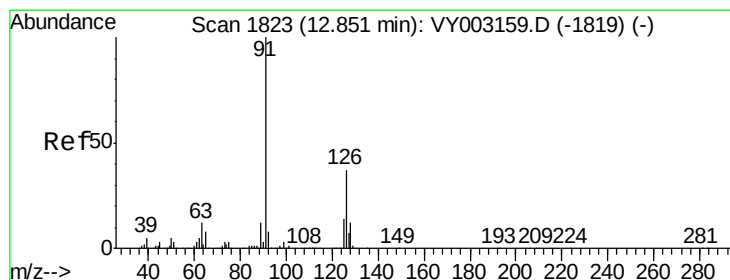
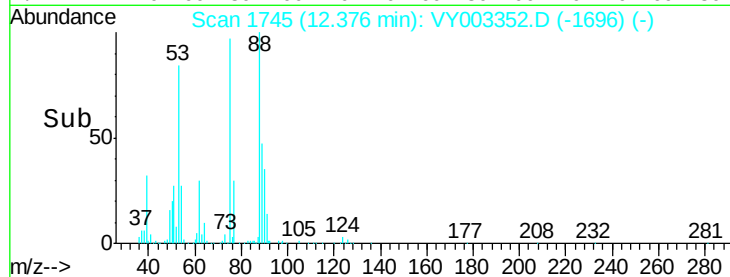
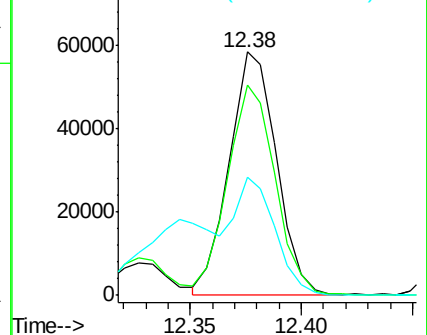
89 42.7 37.3 55.9



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: 53.535 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003352.D

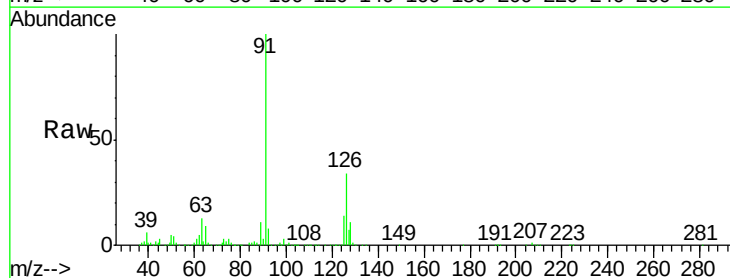
Acq: 27 Jul 2020 13:12

Tgt Ion: 91 Resp: 826456

Ion Ratio Lower Upper

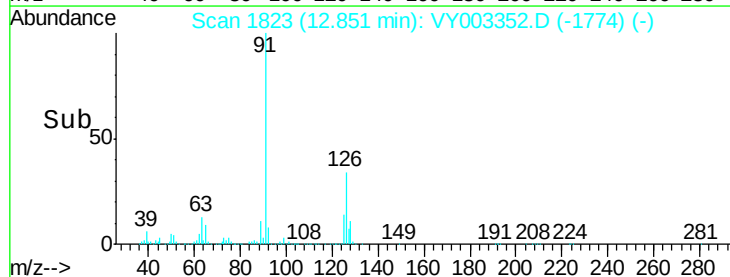
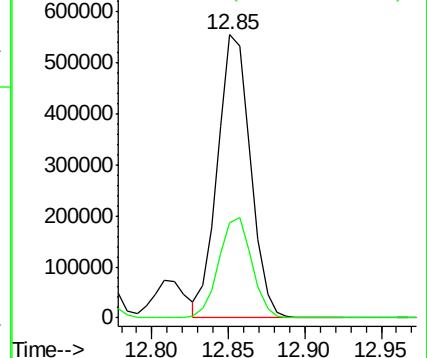
91 100

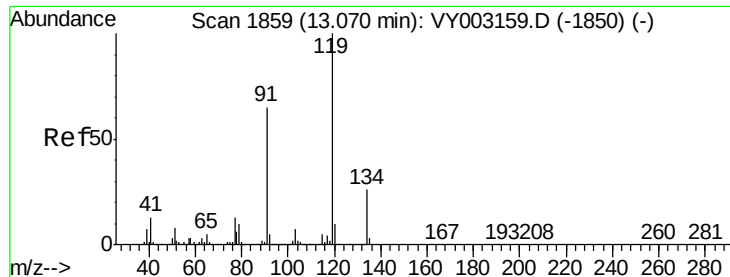
126 35.7 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

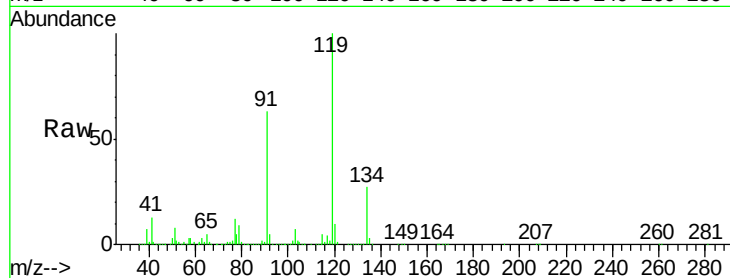




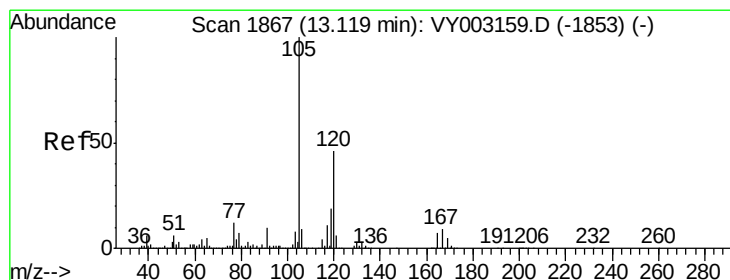
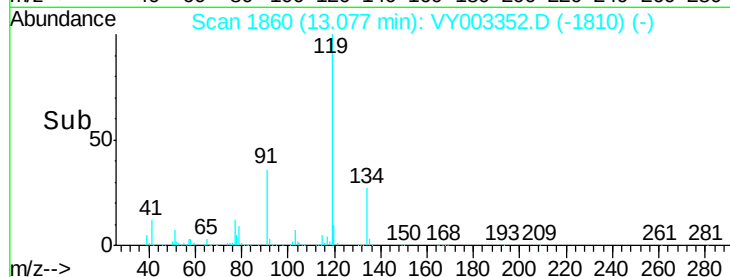
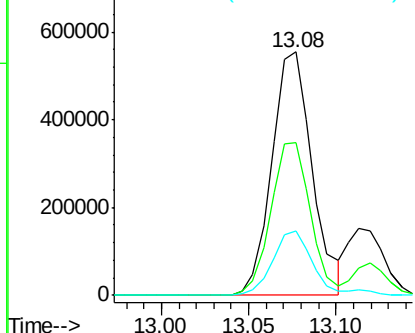
#83
tert-Butylbenzene
Concen: 54.109 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 894899
Ion Ratio Lower Upper
119 100
91 61.5 30.8 92.4
134 26.9 13.2 39.6

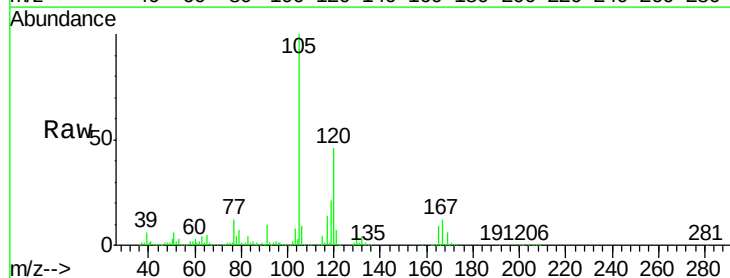


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

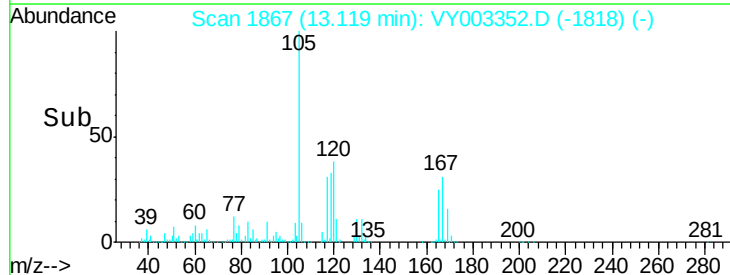
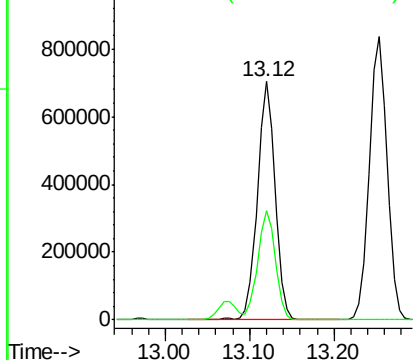


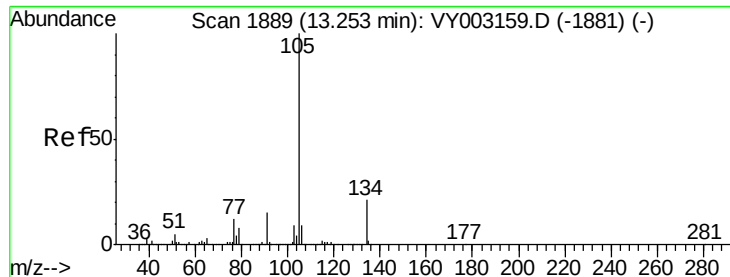
#84
1,2,4-Trimethylbenzene
Concen: 53.521 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion:105 Resp: 1009364
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.952 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

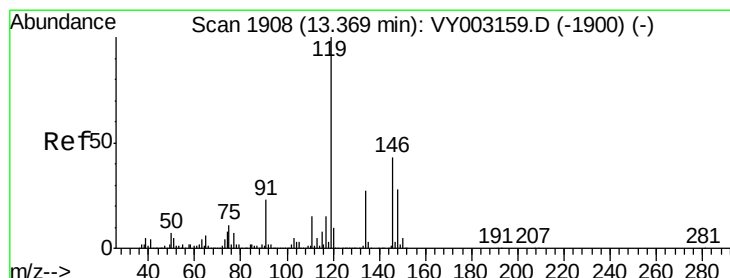
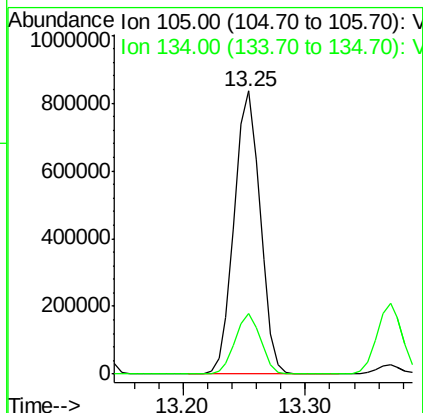
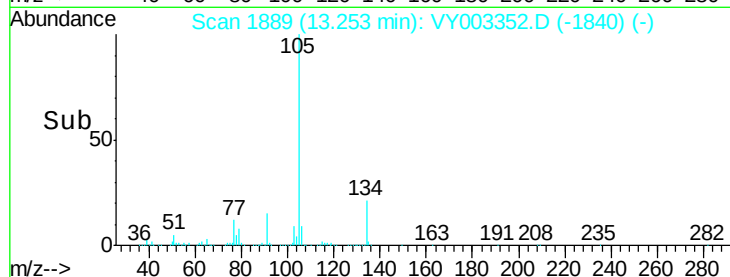
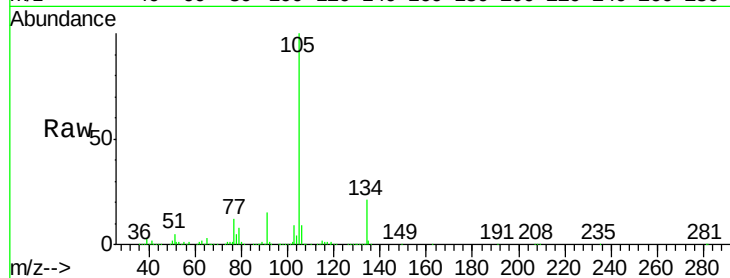
VSTDCCC050

Tot Ion:105 Resp: 1226403

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 53.396 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

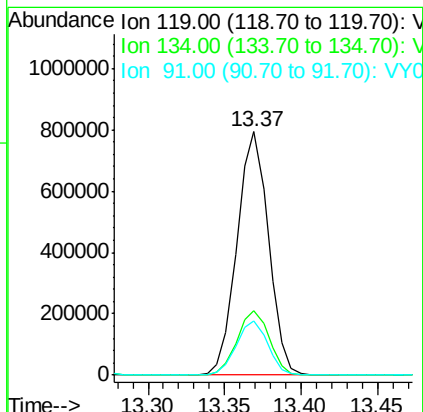
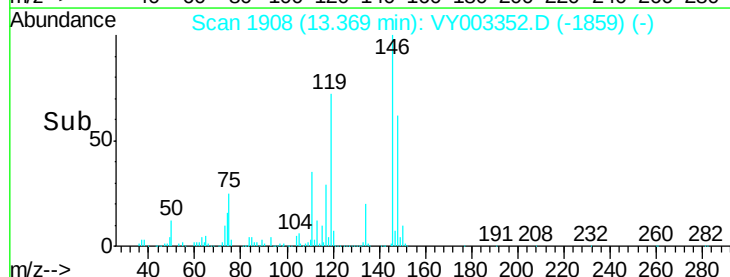
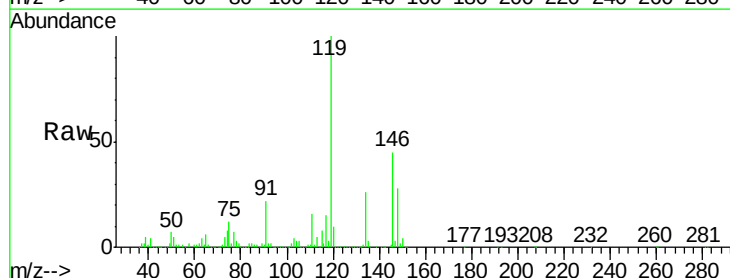
Tgt Ion:119 Resp: 1133310

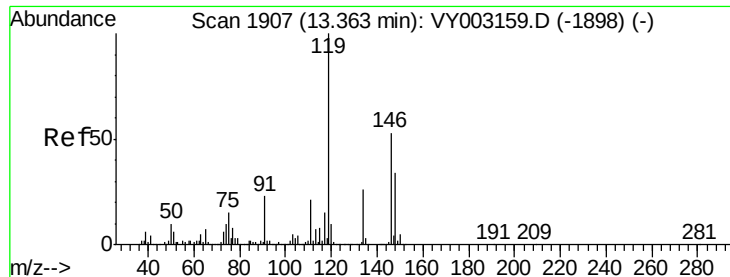
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.3 11.2 33.6

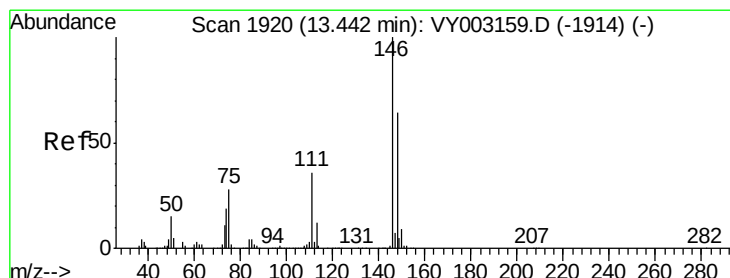
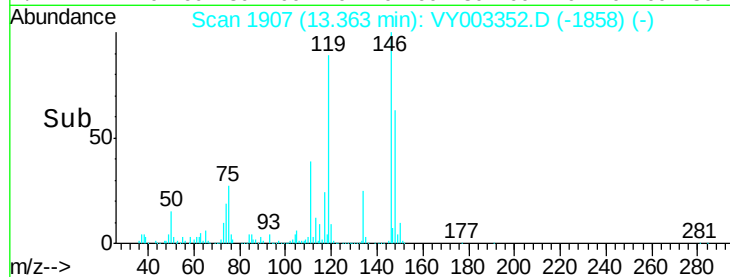
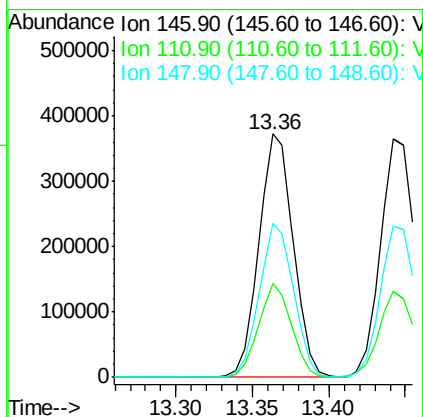
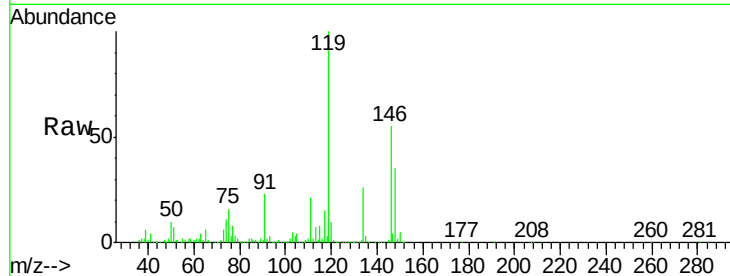




#87
 1,3-Dichlorobenzene
 Concen: 53.657 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

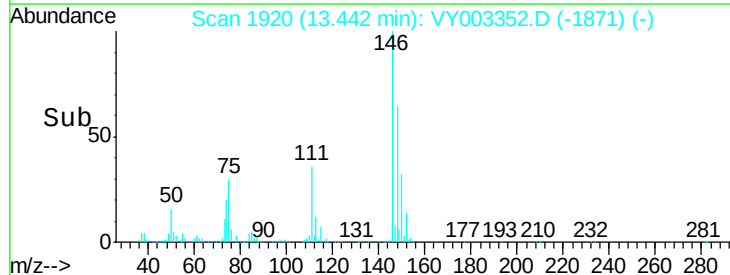
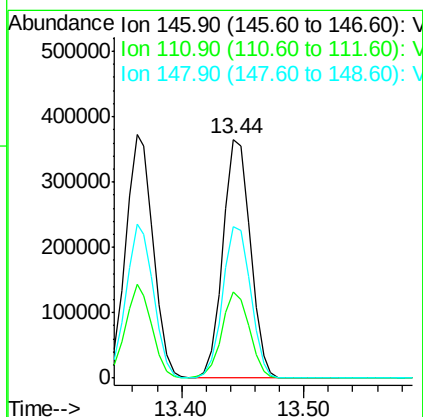
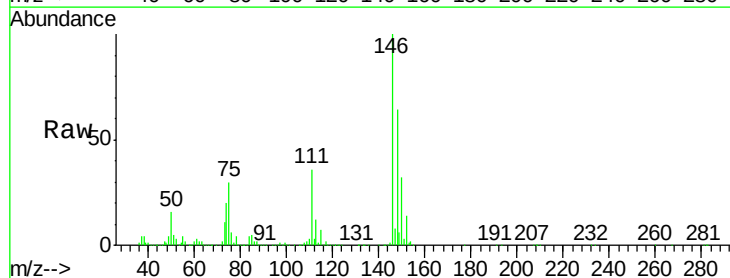
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

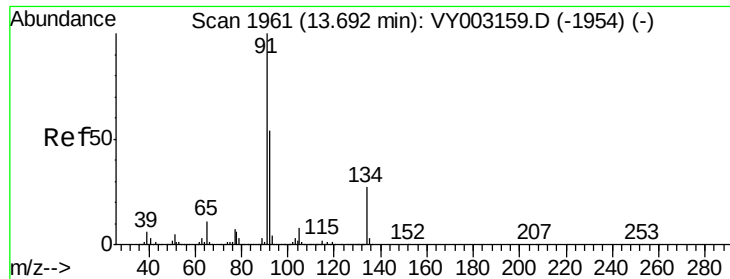
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	63.3	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 52.902 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.4	55.0
148	64.7	32.0	96.0





#89

n-Butylbenzene

Concen: 54.055 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. 0.01 min

Lab File: VY003352.D

Acq: 27 Jul 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

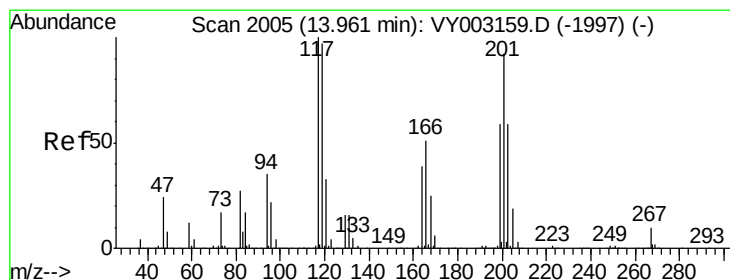
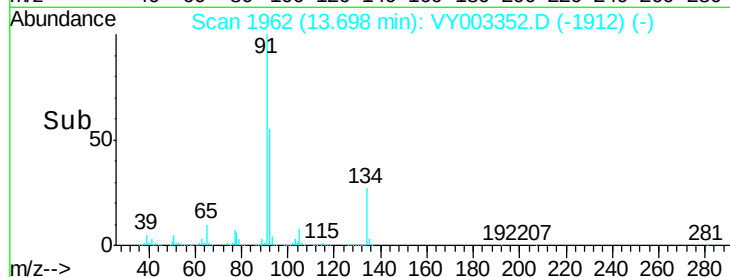
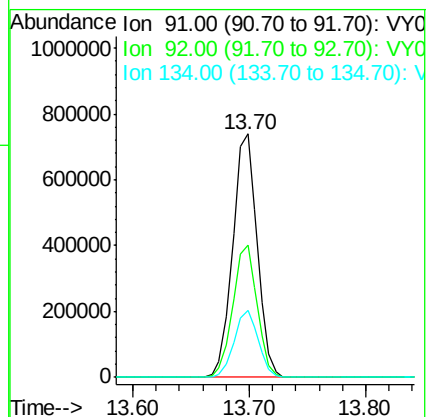
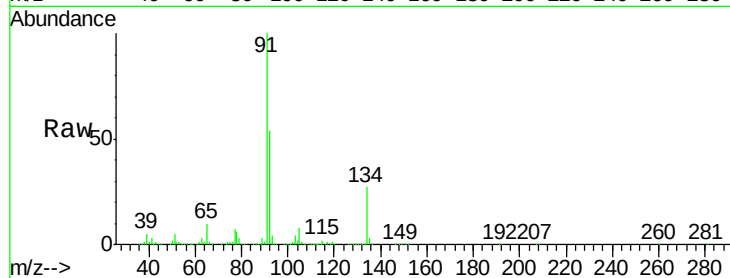
Tot Ion: 91 Resp: 1079166

Ion Ratio Lower Upper

91 100

92 53.9 26.9 80.7

134 27.1 13.6 40.7



#90

Hexachloroethane

Concen: 57.354 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003352.D

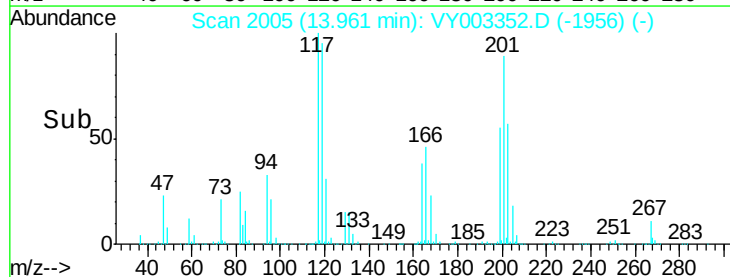
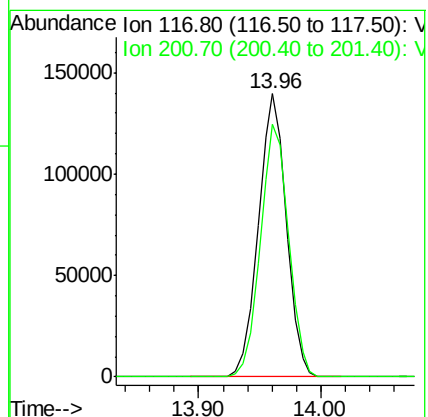
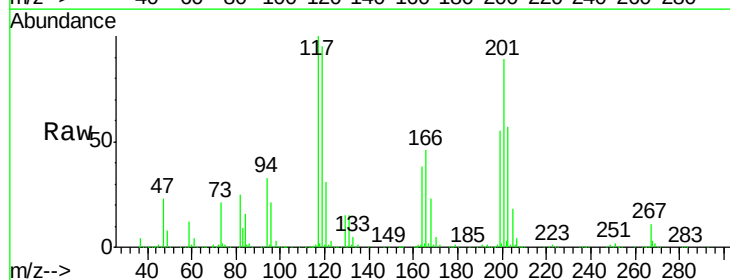
Acq: 27 Jul 2020 13:12

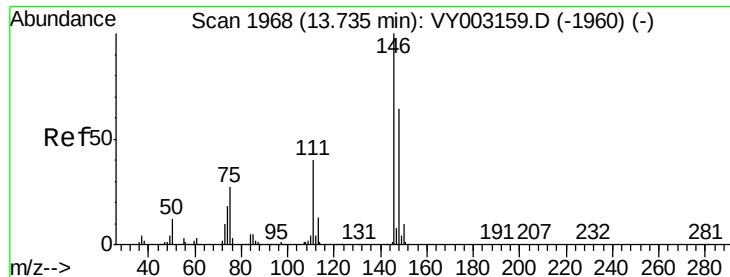
Tgt Ion: 117 Resp: 221684

Ion Ratio Lower Upper

117 100

201 90.0 45.1 135.3

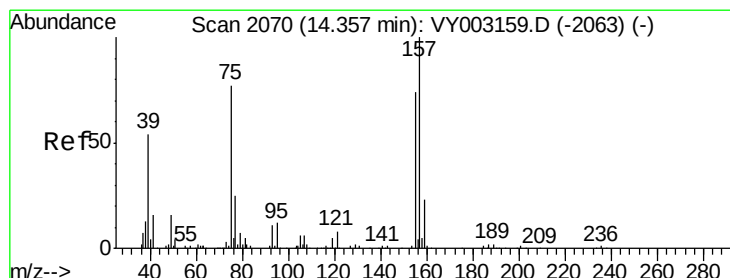
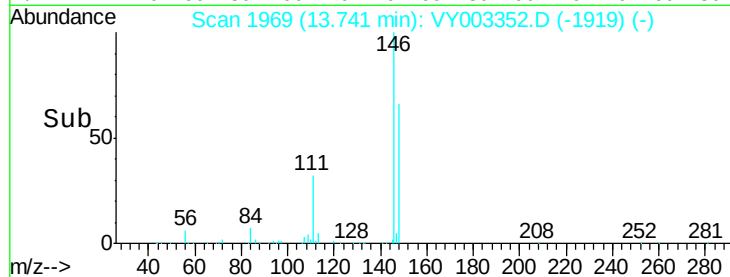
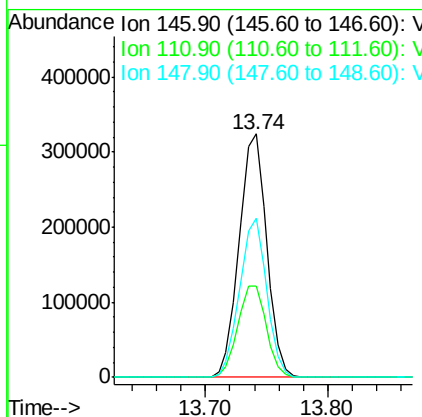
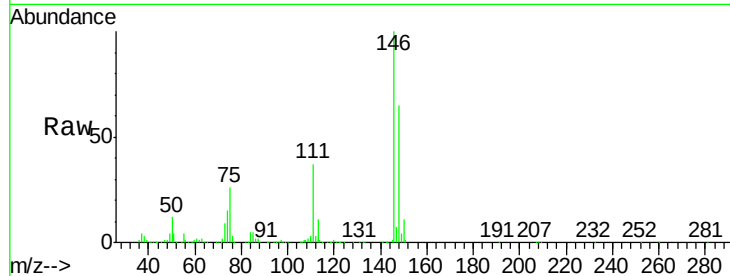




#91
 1,2-Dichlorobenzene
 Concen: 53.118 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

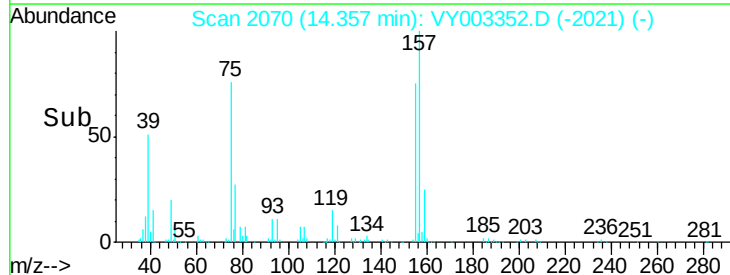
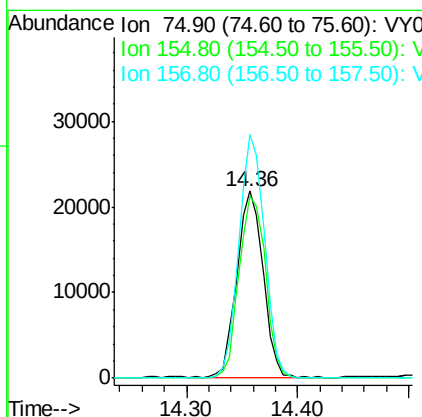
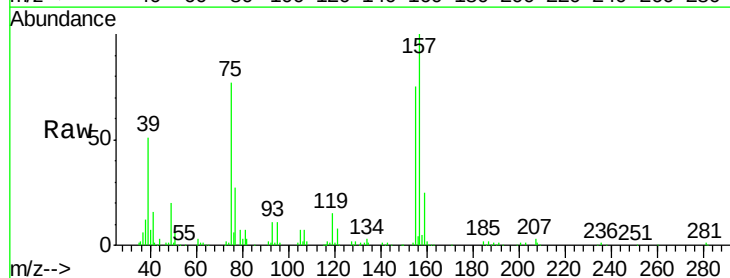
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

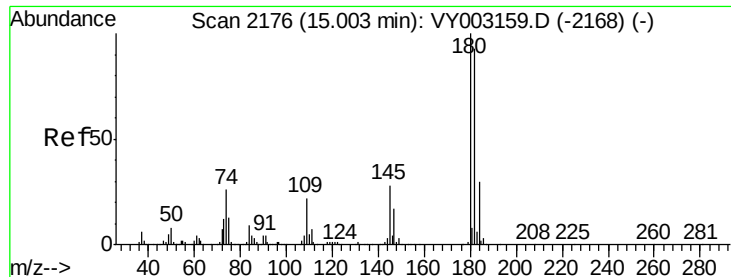
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	64.4	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.297 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	48.1	144.3
157	125.6	61.9	185.6

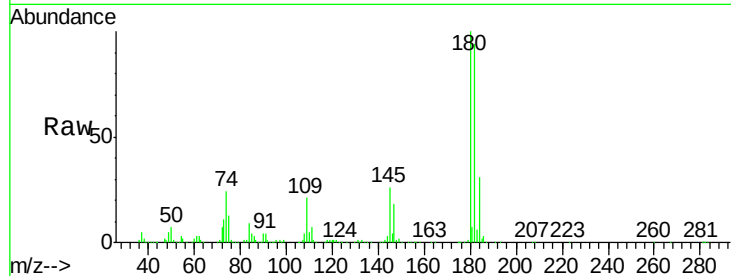




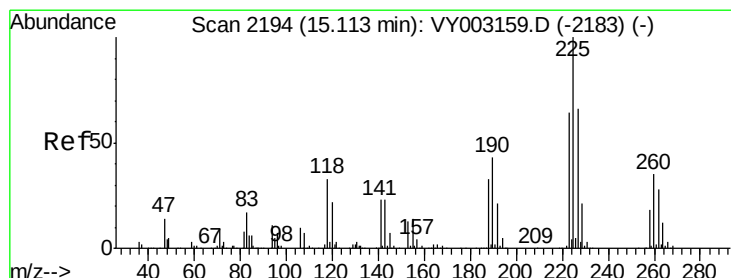
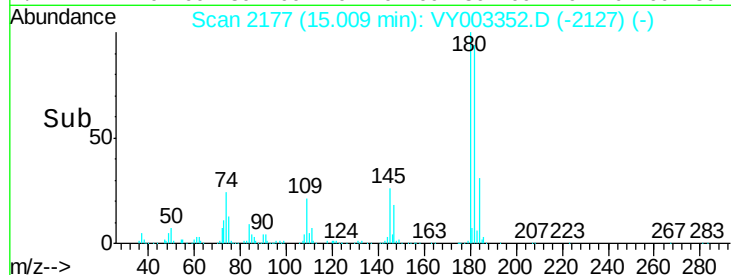
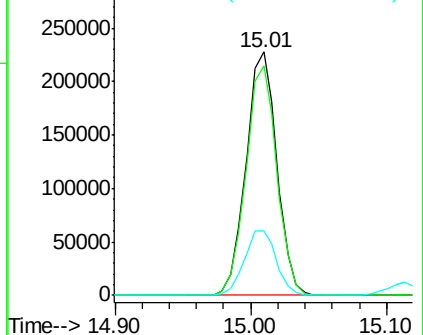
#93
 1,2,4-Trichlorobenzene
 Concen: 53.447 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	27.3	13.7	41.1

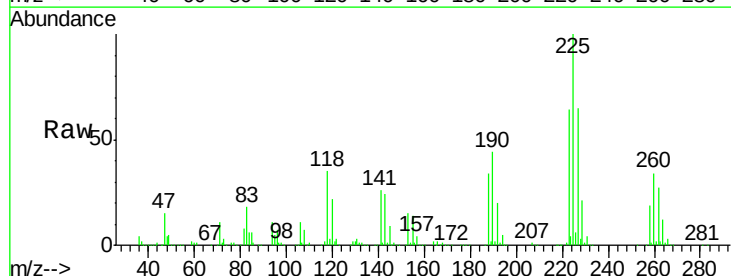


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

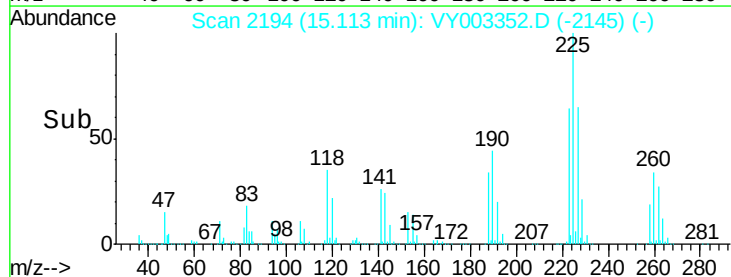
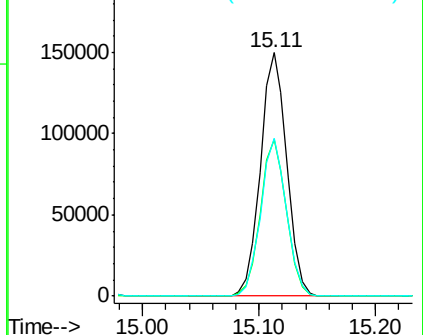


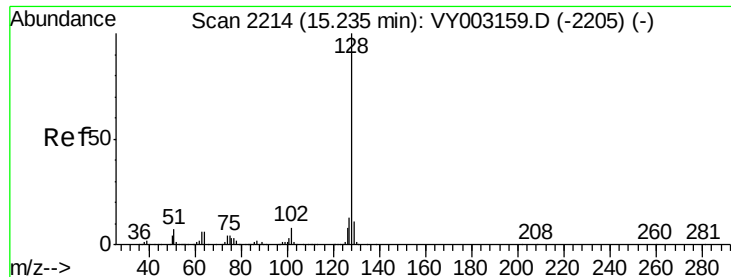
#94
 Hexachlorobutadiene
 Concen: 50.815 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003352.D
 Acq: 27 Jul 2020 13:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.6	94.7
227	63.4	32.3	96.8



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

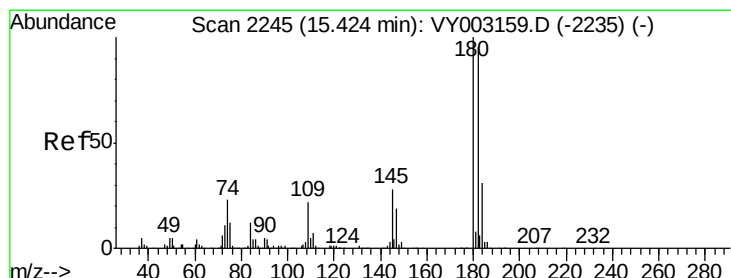
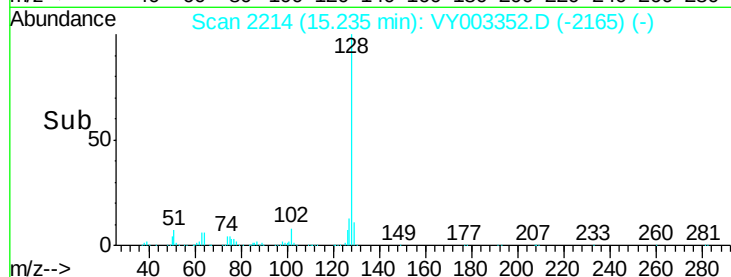
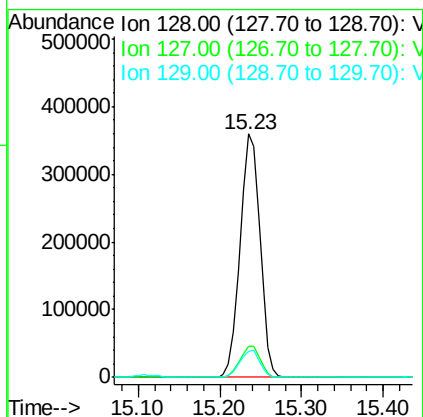
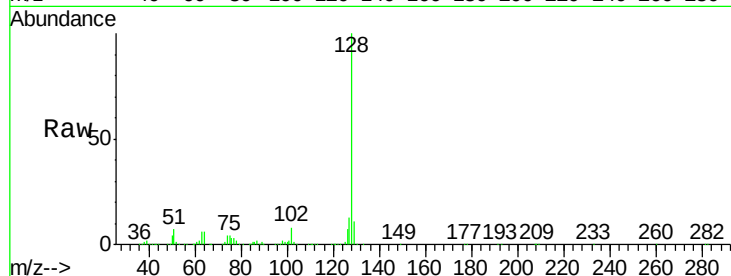




#95
Naphthalene
Concen: 53.862 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 602444
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 53.629 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003352.D
Acq: 27 Jul 2020 13:12

Tgt Ion:180 Resp: 286910
Ion Ratio Lower Upper
180 100
182 95.5 48.8 146.3
145 29.2 14.9 44.5

