

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003226.D
 Acq On : 16 Jul 2020 21:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 17 05:23:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	342005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	513552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	478862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156992	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
35) Dibromofluoromethane	7.72	113	149742	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.18	98	536936	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	12.48	95	192742	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	115213	47.002	ug/l	96
3) Chloromethane	2.12	50	179319	52.740	ug/l	100
4) Vinyl Chloride	2.26	62	180894	51.854	ug/l	99
5) Bromomethane	2.65	94	135838	52.423	ug/l	98
6) Chloroethane	2.80	64	117330	51.206	ug/l	100
7) Trichlorofluoromethane	3.13	101	254232	51.030	ug/l	97
8) Diethyl Ether	3.54	74	91095	54.567	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.91	101	152602	50.717	ug/l	98
10) Methyl Iodide	4.10	142	151326	46.292	ug/l	98
11) Tert butyl alcohol	4.96	59	82645	264.771	ug/l	100
12) 1,1-Dichloroethene	3.88	96	144338	50.717	ug/l	98
13) Acrolein	3.74	56	77390	285.649	ug/l	98
14) Allyl chloride	4.49	41	250467	59.312	ug/l	97
15) Acrylonitrile	5.18	53	231261	288.379	ug/l	98
16) Acetone	3.96	43	181852	282.033	ug/l	94
17) Carbon Disulfide	4.20	76	460074	52.683	ug/l	99
18) Methyl Acetate	4.49	43	109061	60.906	ug/l	95
19) Methyl tert-butyl Ether	5.22	73	441750	55.389	ug/l	98
20) Methylene Chloride	4.72	84	207421	65.657	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	169452	52.643	ug/l	94
22) Diisopropyl ether	6.13	45	573951	61.240	ug/l	98
23) Vinyl Acetate	6.07	43	1872735	299.792	ug/l	97
24) 1,1-Dichloroethane	6.03	63	310940	57.266	ug/l	99
25) 2-Butanone	7.00	43	317927	300.304	ug/l	98
26) 2,2-Dichloropropane	6.99	77	254457	52.037	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	191247	53.962	ug/l	96
28) Bromochloromethane	7.34	49	141602	60.235	ug/l	92
29) Tetrahydrofuran	7.35	42	216037	303.761	ug/l	93
30) Chloroform	7.51	83	311990	55.789	ug/l	95
31) Cyclohexane	7.79	56	276102	52.586	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	275033	54.629	ug/l	98
36) 1,1-Dichloropropene	7.92	75	242338	52.066	ug/l	98
37) Ethyl Acetate	7.08	43	143269	57.157	ug/l	98
38) Carbon Tetrachloride	7.91	117	246056	51.208	ug/l	99

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

39) Methylcyclohexane	9.19	83	286609	49.018	ug/l	94
40) Benzene	8.17	78	682108	53.223	ug/l	98
41) Methacrylonitrile	7.35	41	196761	130.336	ug/l #	44
42) 1,2-Dichloroethane	8.24	62	211694	53.654	ug/l	100
43) Isopropyl Acetate	8.28	43	278943	57.493	ug/l	97
44) Trichloroethene	8.94	130	195004	49.635	ug/l	100
45) 1,2-Dichloropropane	9.22	63	183293	55.272	ug/l	99
46) Dibromomethane	9.31	93	102465	52.902	ug/l	98
47) Bromodichloromethane	9.50	83	250905	54.467	ug/l	98
48) Methyl methacrylate	9.30	41	124095	57.212	ug/l	95
49) 1,4-Dioxane	9.30	88	26445	1075.782	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	737939	292.621	ug/l	97
52) Toluene	10.25	92	427861	52.232	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	255951	53.627	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	295205	53.682	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	144088	52.498	ug/l	98
56) Ethyl methacrylate	10.51	69	208013	55.746	ug/l	95
57) 1,3-Dichloropropane	10.79	76	249985	53.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	522556	274.593	ug/l	97
59) 2-Hexanone	10.83	43	511727	290.685	ug/l	97
60) Dibromochloromethane	10.99	129	181577	52.599	ug/l	99
61) 1,2-Dibromoethane	11.09	107	136392	50.351	ug/l	100
64) Tetrachloroethene	10.72	164	202016	47.314	ug/l	98
65) Chlorobenzene	11.52	112	468672	50.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	183819	51.304	ug/l	100
67) Ethyl Benzene	11.59	91	860267	52.228	ug/l	100
68) m/p-Xylenes	11.70	106	636981	101.923	ug/l	98
69) o-Xylene	12.03	106	301391	51.621	ug/l	97
70) Styrene	12.05	104	522939	52.358	ug/l	99
71) Bromoform	12.20	173	119030	50.617	ug/l #	100
73) Isopropylbenzene	12.33	105	827675	51.990	ug/l	100
74) N-amyl acetate	12.14	43	260254	58.262	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	164048	53.354	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	222367	100.559	ug/l #	100
77) Bromobenzene	12.61	156	207298	51.083	ug/l	97
78) n-propylbenzene	12.67	91	1002233	53.408	ug/l	98
79) 2-Chlorotoluene	12.75	91	553030	52.820	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	698472	52.641	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	59237	52.135	ug/l	99
82) 4-Chlorotoluene	12.85	91	571855	52.329	ug/l	99
83) tert-Butylbenzene	13.08	119	618979	52.869	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	706178	52.896	ug/l	99
85) sec-Butylbenzene	13.25	105	847837	52.688	ug/l	100
86) p-Isopropyltoluene	13.37	119	784298	52.200	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	392089	51.094	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	389238	51.232	ug/l	100
89) n-Butylbenzene	13.69	91	743624	52.618	ug/l	99
90) Hexachloroethane	13.96	117	148395	54.235	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	348077	51.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24516	49.182	ug/l	97

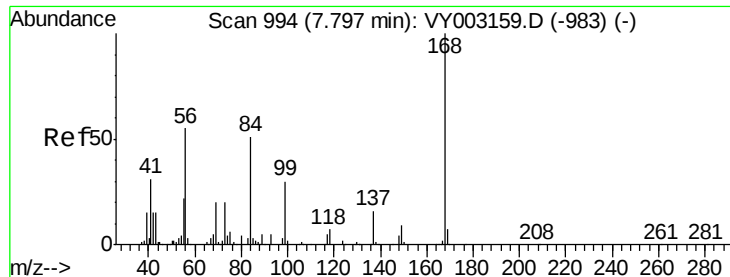
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	227862	47.561	ug/l	98
94) Hexachlorobutadiene	15.11	225	167490	51.021	ug/l	98
95) Naphthalene	15.23	128	379667	47.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	174235	46.007	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

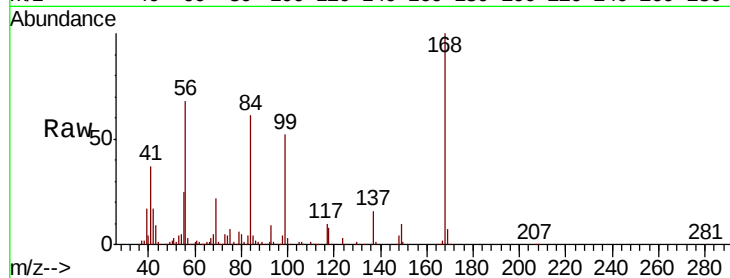
VSTDCCC050EC

Tot Ion:168 Resp: 342005

Ion Ratio Lower Upper

168 100

99 51.5 37.3 55.9



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

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

7.80

150000

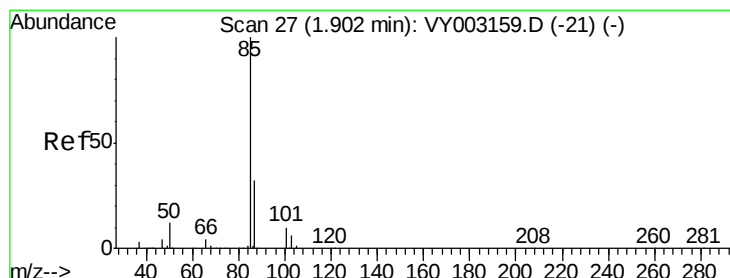
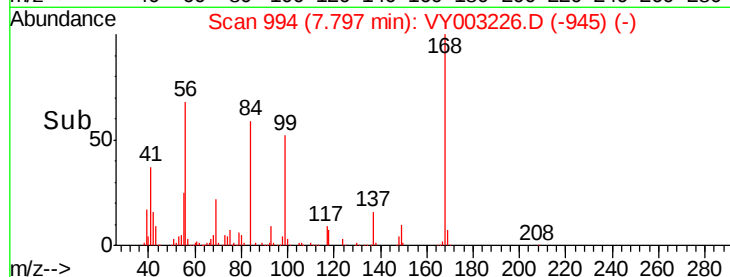
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.002 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY003226.D

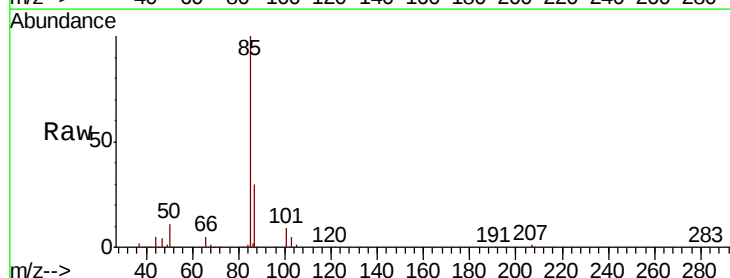
Acq: 16 Jul 2020 21:40

Tgt Ion: 85 Resp: 115213

Ion Ratio Lower Upper

85 100

87 29.8 15.9 47.7



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

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

1.90

80000

60000

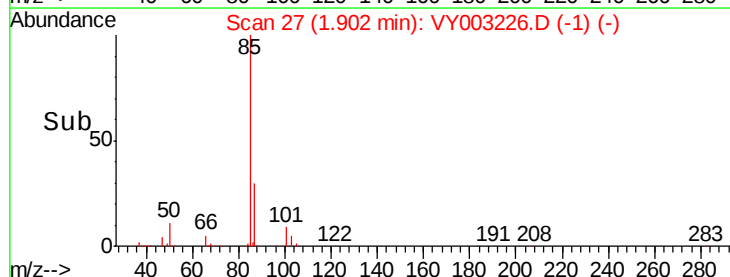
40000

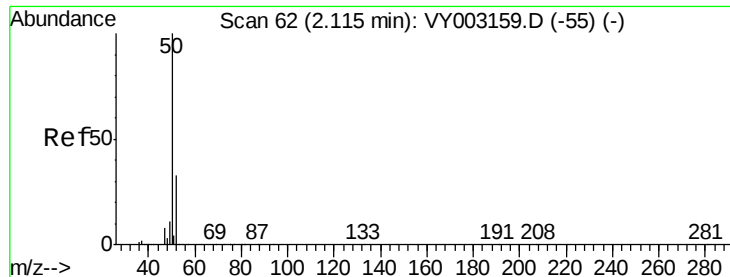
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 52.740 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

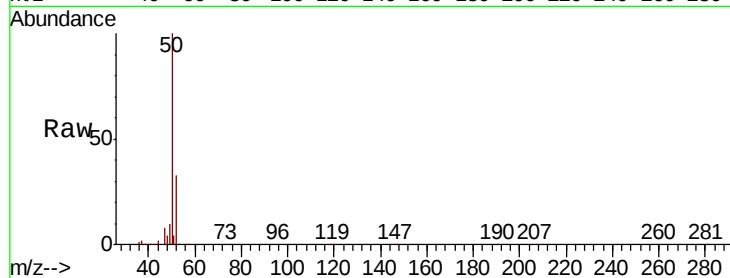
VSTDCCC050EC

Tot Ion: 50 Resp: 179319

Ion Ratio Lower Upper

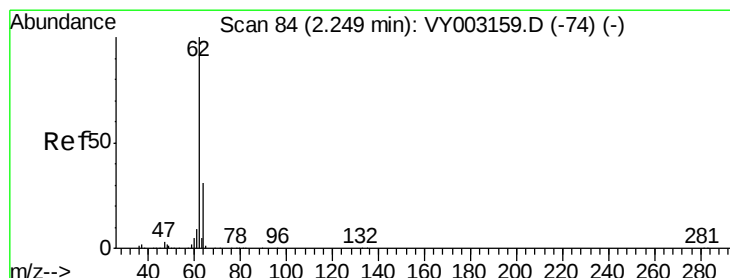
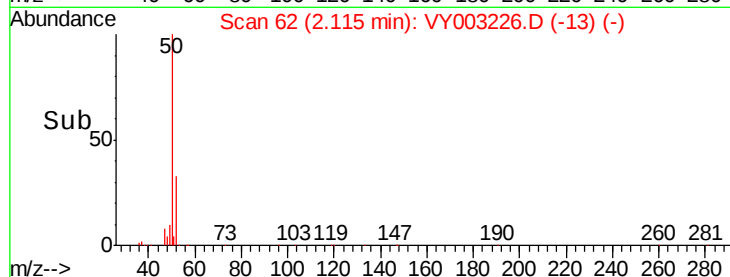
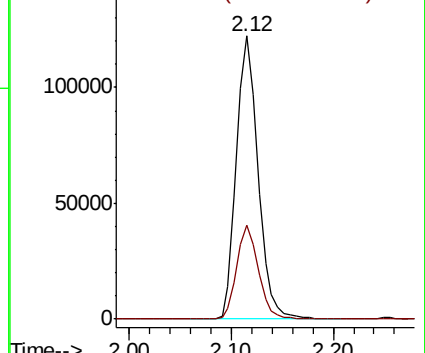
50 100

52 33.2 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.854 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003226.D

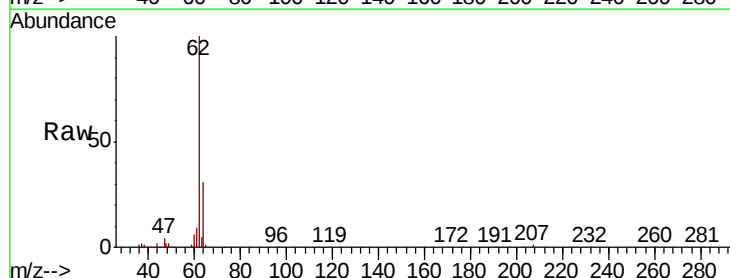
Acq: 16 Jul 2020 21:40

Tgt Ion: 62 Resp: 180894

Ion Ratio Lower Upper

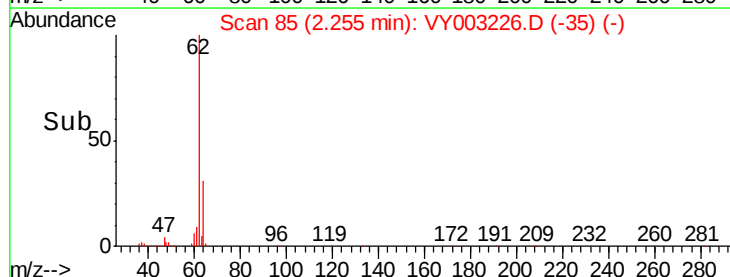
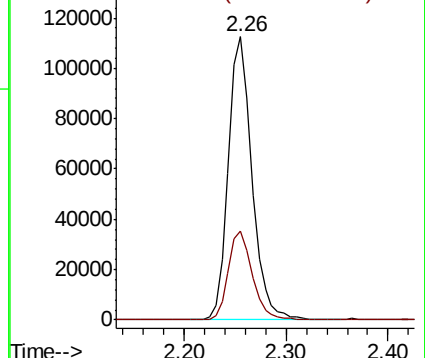
62 100

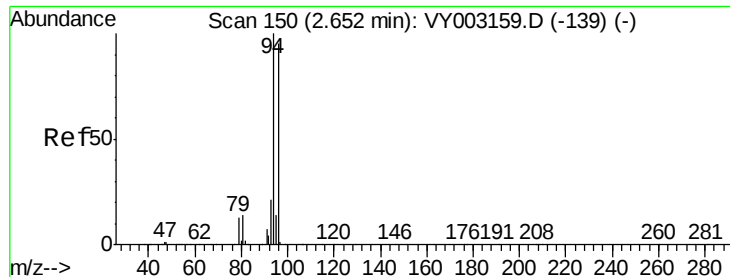
64 31.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.423 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

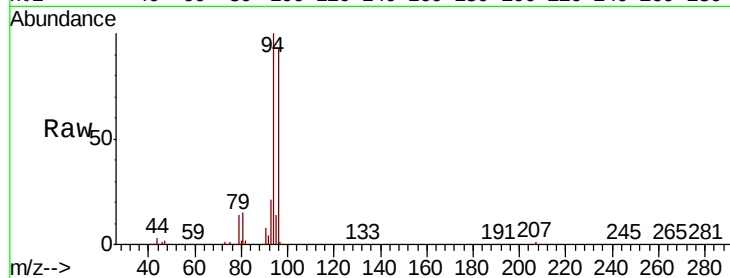
VSTDCCC050EC

Tot Ion: 94 Resp: 135838

Ion Ratio Lower Upper

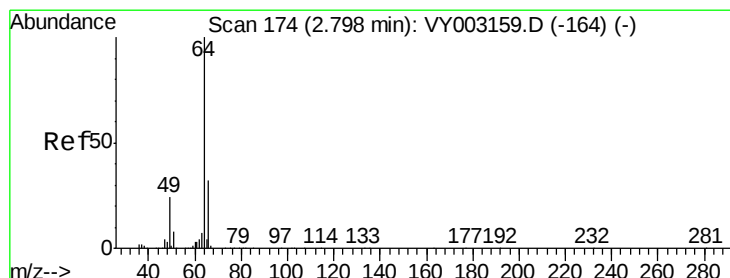
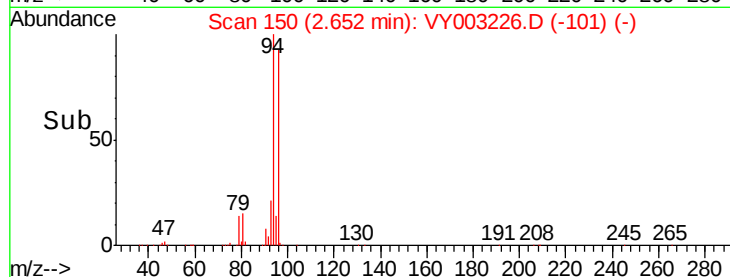
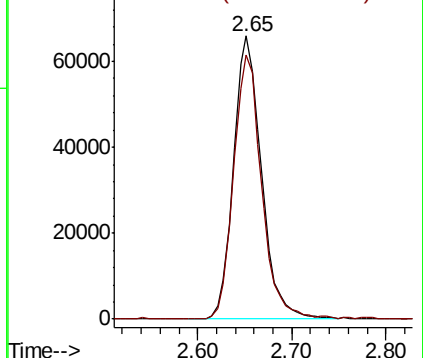
94 100

96 93.3 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: 51.206 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003226.D

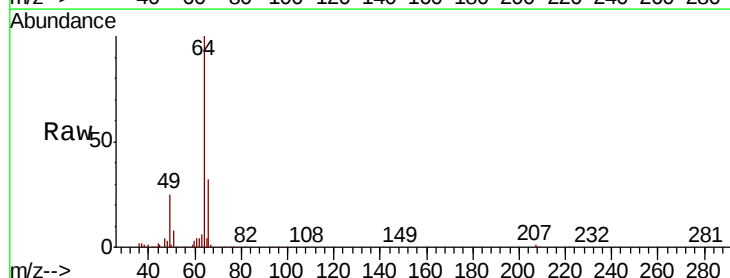
Acq: 16 Jul 2020 21:40

Tgt Ion: 64 Resp: 117330

Ion Ratio Lower Upper

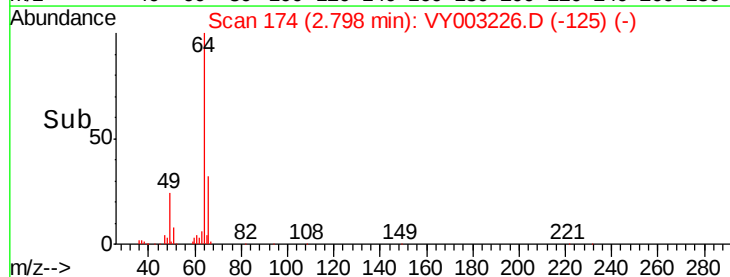
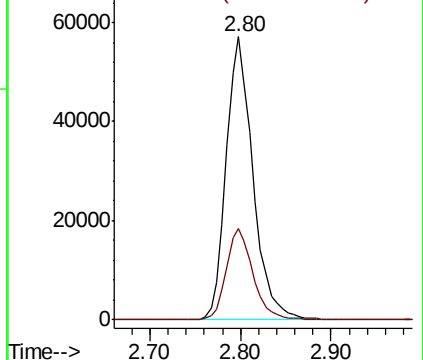
64 100

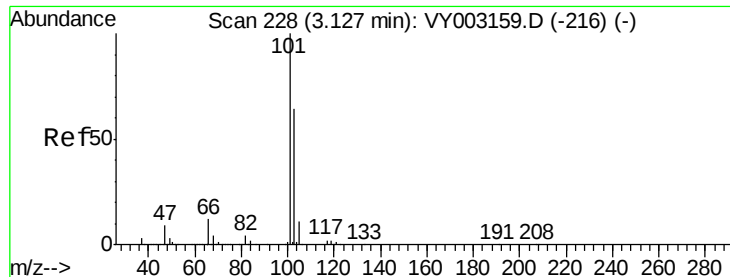
66 32.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



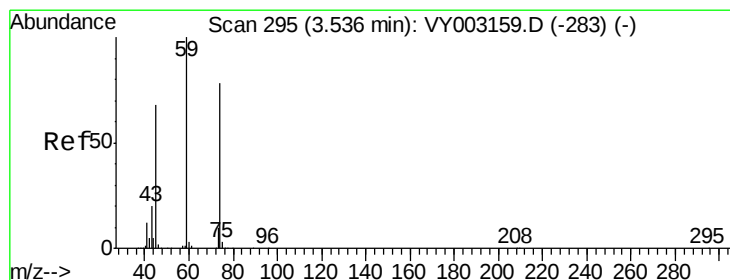
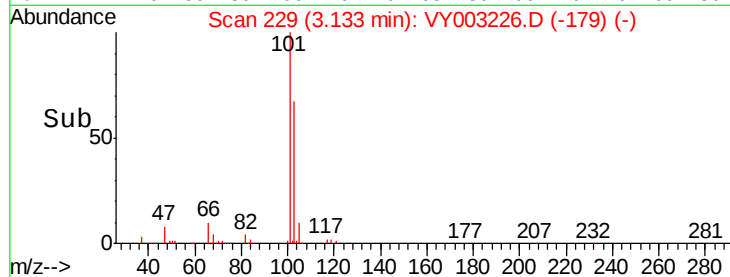
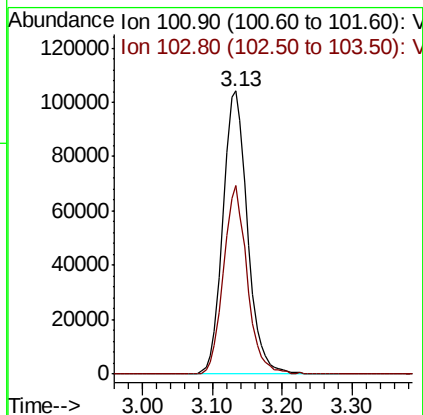
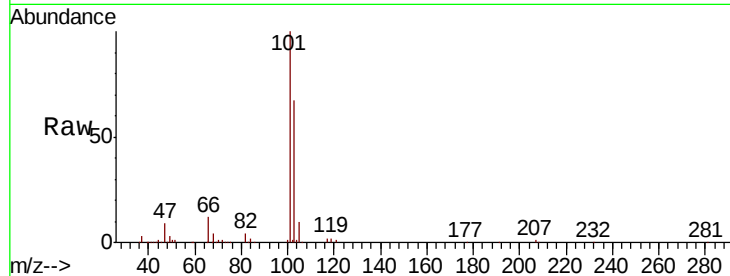


#7

Trichlorofluoromethane
Concen: 51.030 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
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ClientSampleId :
VSTDCCC050EC

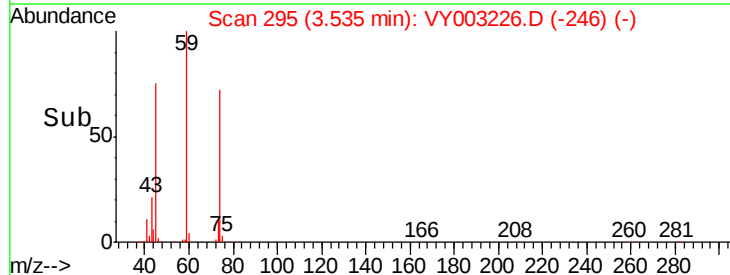
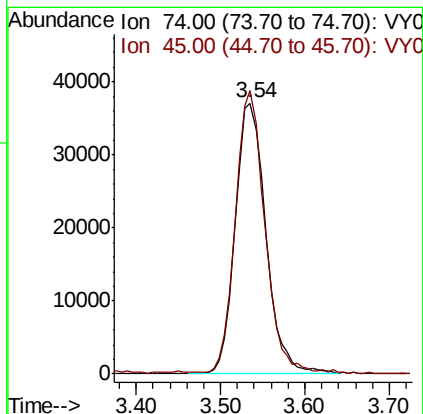
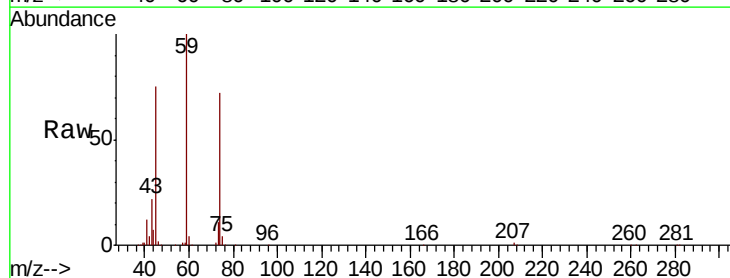
Tot Ion:101 Resp: 254232
Ion Ratio Lower Upper
101 100
103 66.5 51.3 76.9

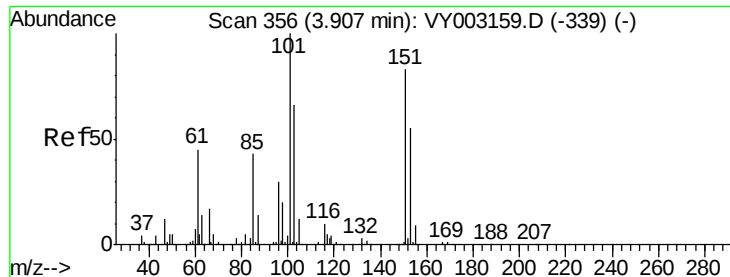


#8

Diethyl Ether
Concen: 54.567 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 74 Resp: 91095
Ion Ratio Lower Upper
74 100
45 98.7 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.717 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

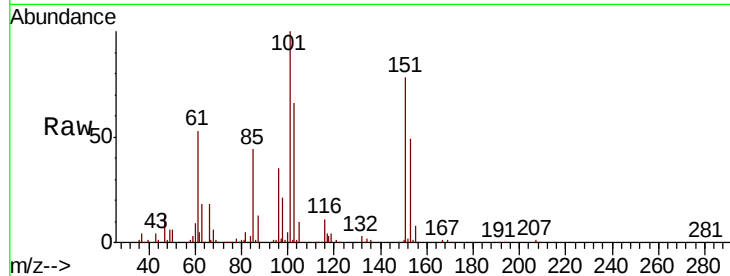
Tot Ion:101 Resp: 152602

Ion Ratio Lower Upper

101 100

85 45.0 34.9 52.3

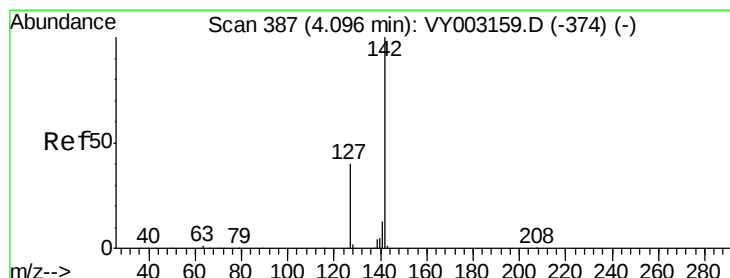
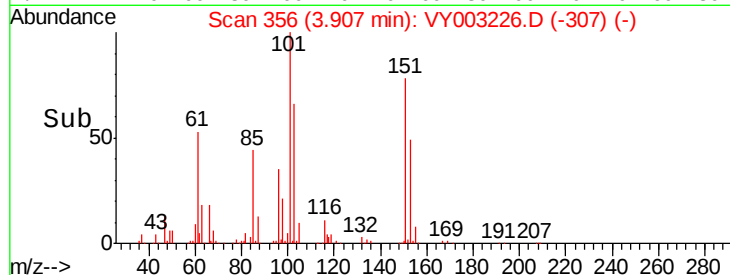
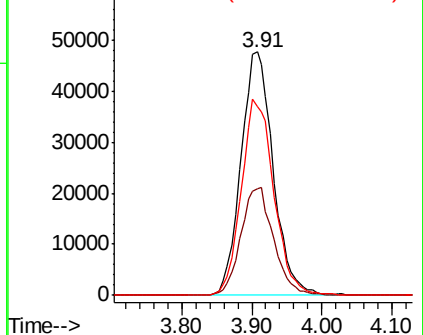
151 81.4 67.0 100.6



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: 46.292 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

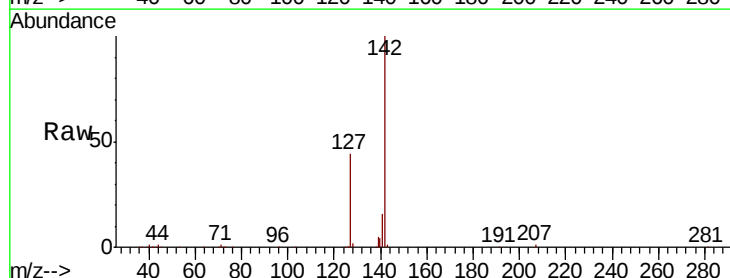
Tgt Ion:142 Resp: 151326

Ion Ratio Lower Upper

142 100

127 43.2 33.5 50.3

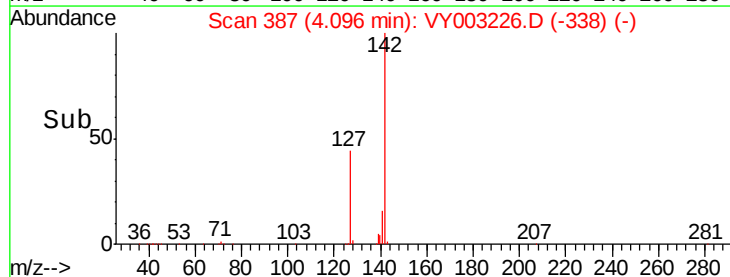
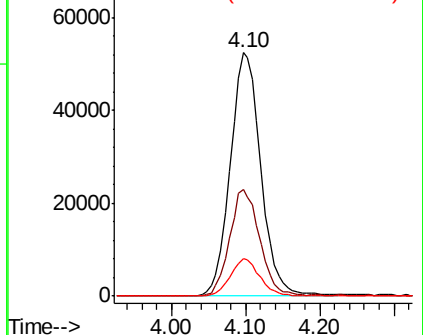
141 14.8 11.2 16.8

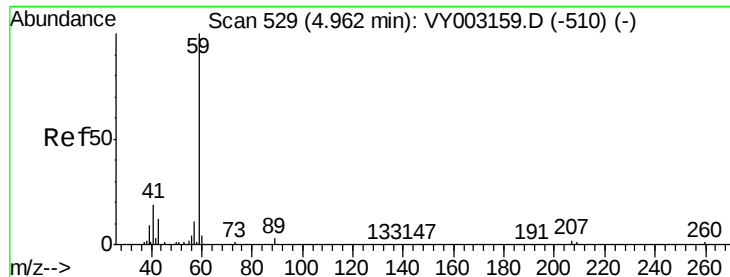


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



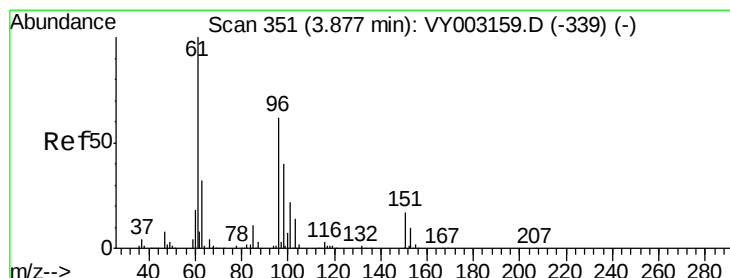
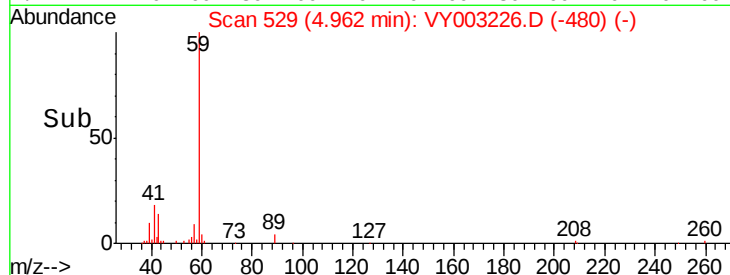
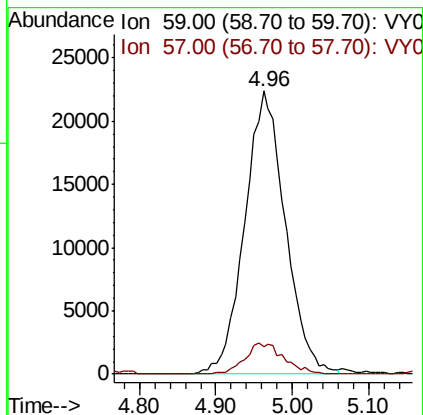
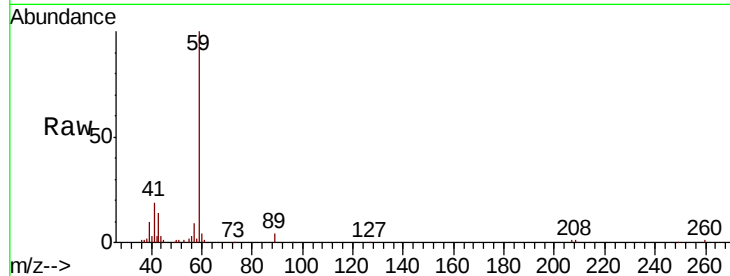


#11

Tert butyl alcohol
 Concen: 264.771 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

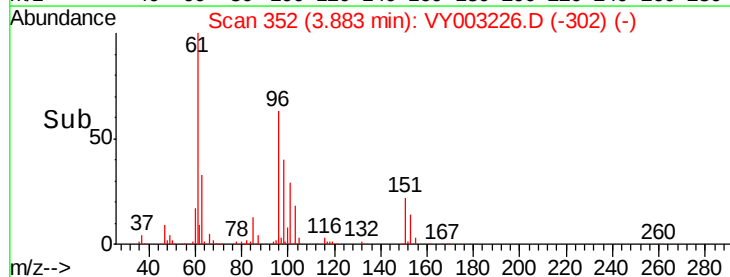
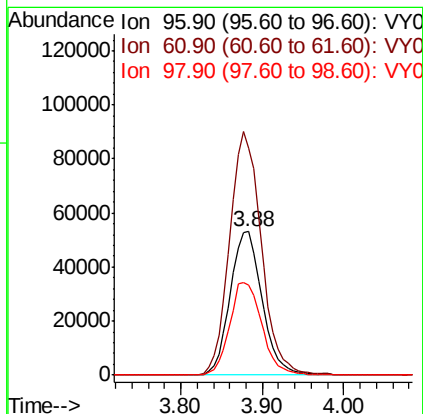
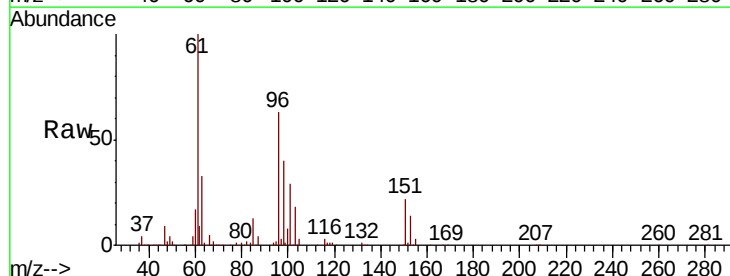
Tot Ion: 59 Resp: 82645
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

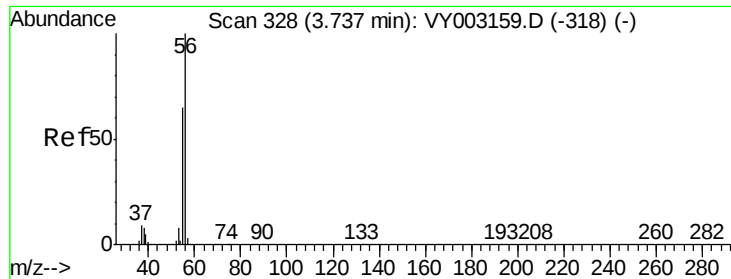


#12

1,1-Dichloroethene
 Concen: 50.717 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion: 96 Resp: 144338
 Ion Ratio Lower Upper
 96 100
 61 158.2 128.6 193.0
 98 62.5 51.6 77.4

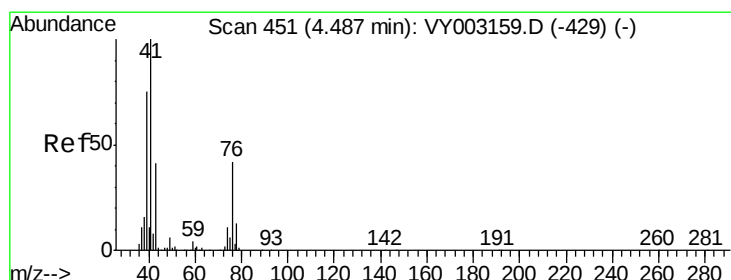
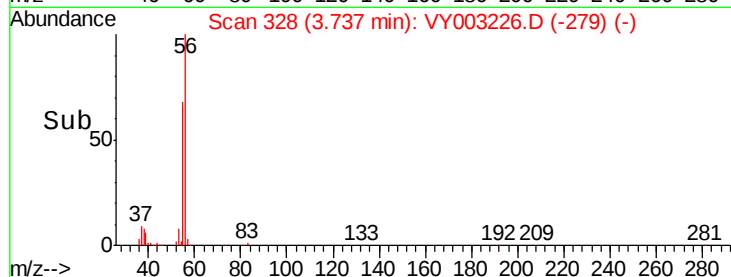
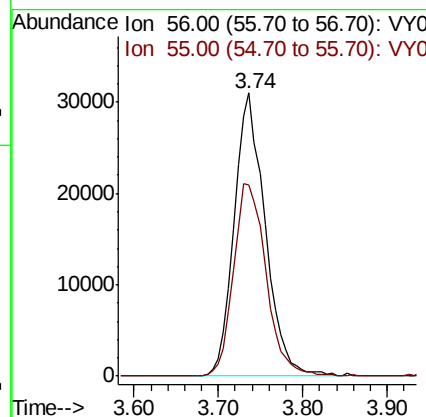
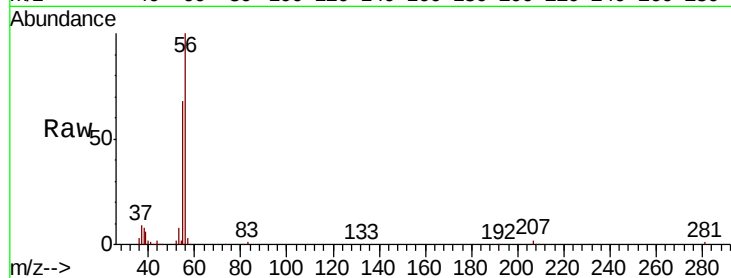




#13
Acrolein
Concen: 285.649 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

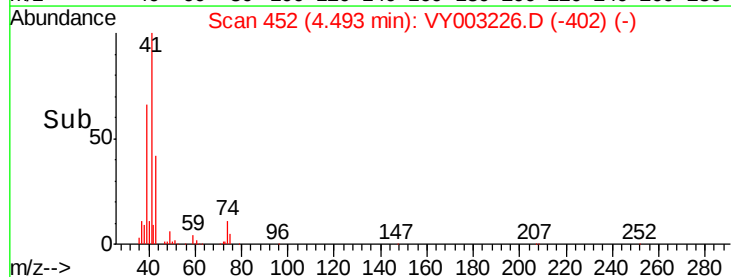
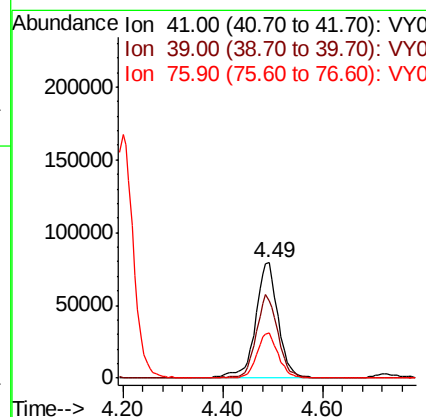
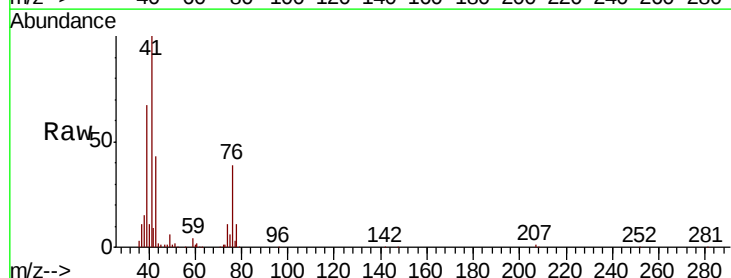
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

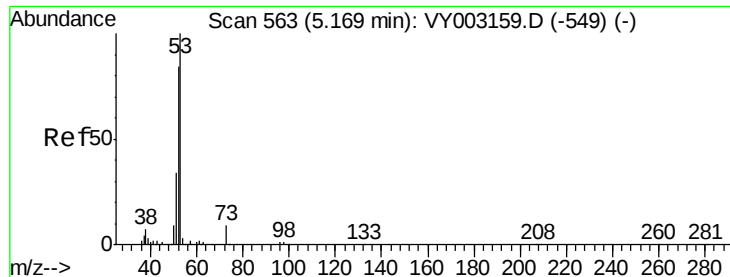
Tot Ion: 56 Resp: 77390
Ion Ratio Lower Upper
56 100
55 71.5 56.0 84.0



#14
Allyl chloride
Concen: 59.312 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 41 Resp: 250467
Ion Ratio Lower Upper
41 100
39 69.0 56.6 85.0
76 36.7 31.6 47.4





#15

Acrylonitrile

Concen: 288.379 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

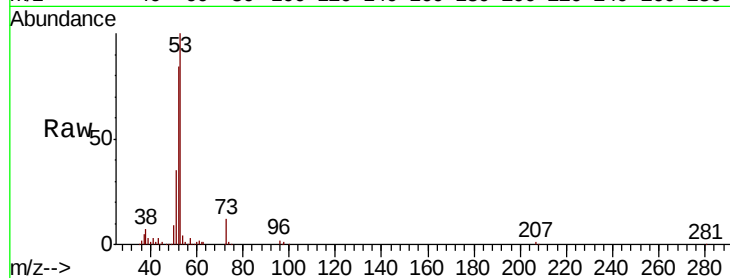
Tot Ion: 53 Resp: 231261

Ion Ratio Lower Upper

53 100

52 84.5 65.8 98.6

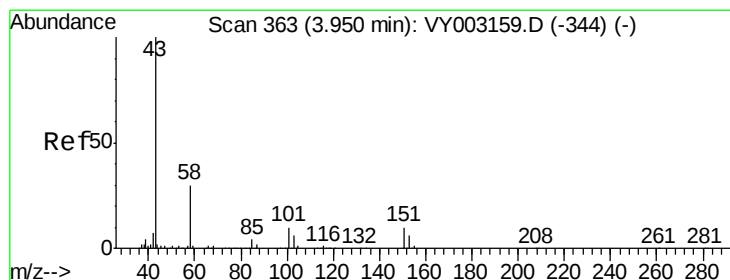
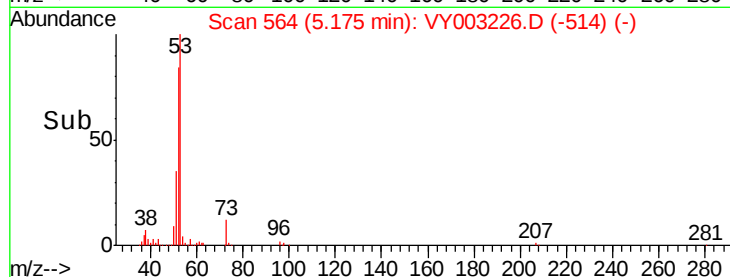
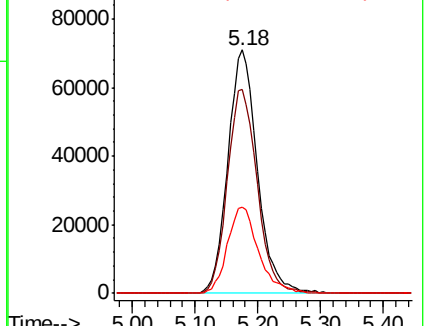
51 37.5 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 282.033 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003226.D

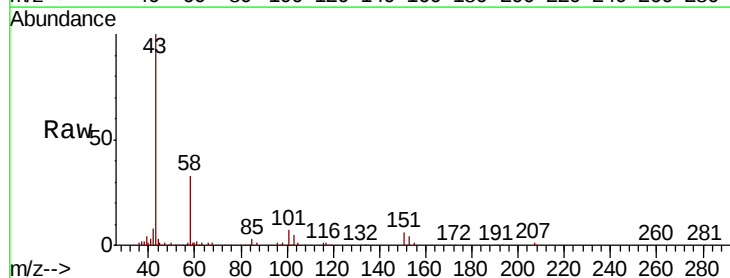
Acq: 16 Jul 2020 21:40

Tgt Ion: 43 Resp: 181852

Ion Ratio Lower Upper

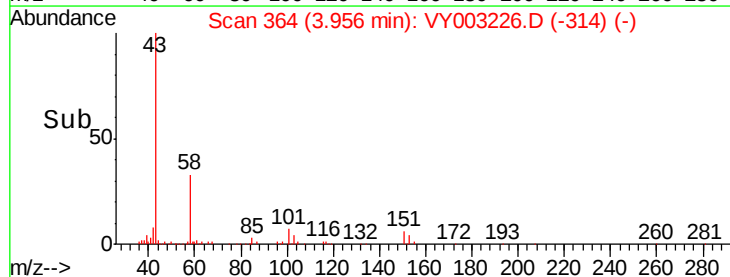
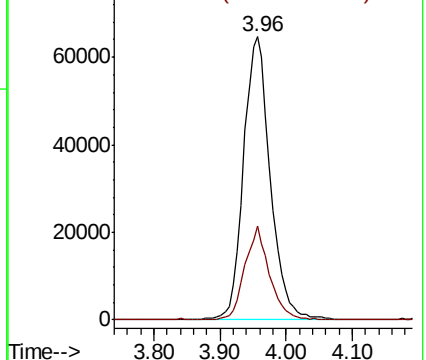
43 100

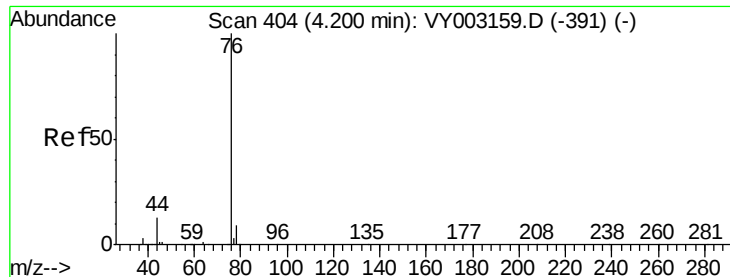
58 33.2 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 52.683 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

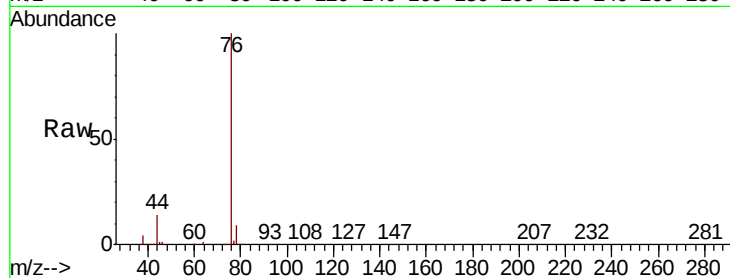
VSTDCCC050EC

Tot Ion: 76 Resp: 460074

Ion Ratio Lower Upper

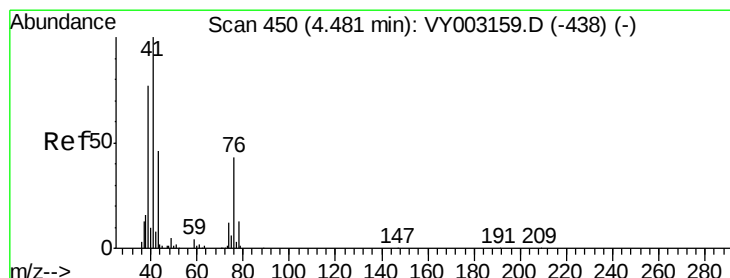
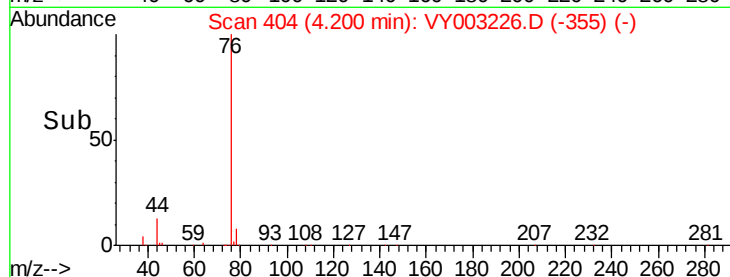
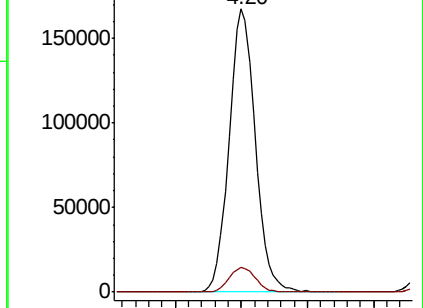
76 100

78 8.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 60.906 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003226.D

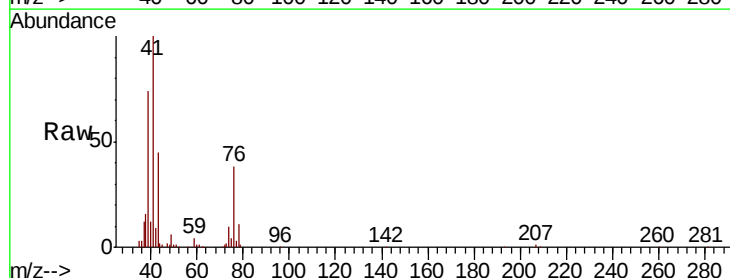
Acq: 16 Jul 2020 21:40

Tgt Ion: 43 Resp: 109061

Ion Ratio Lower Upper

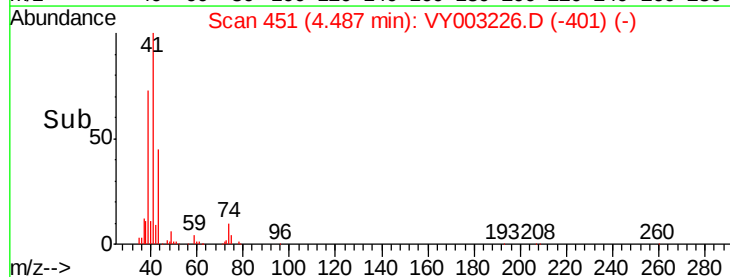
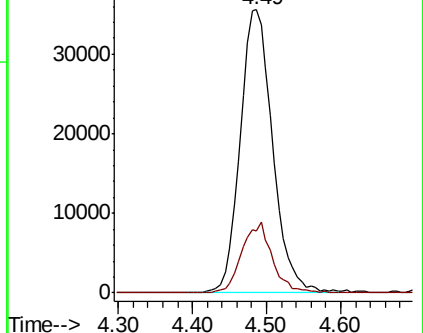
43 100

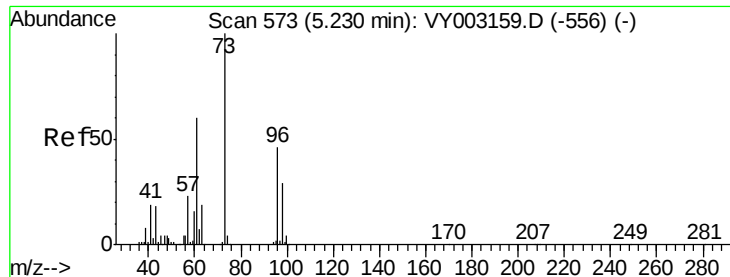
74 23.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



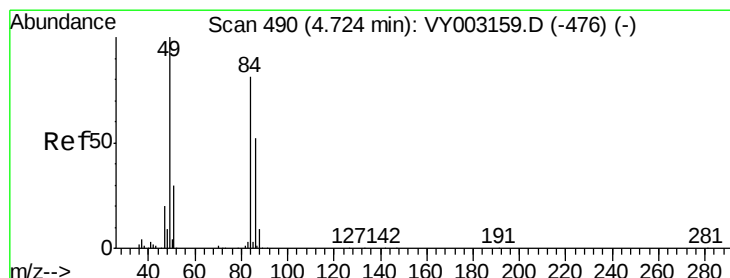
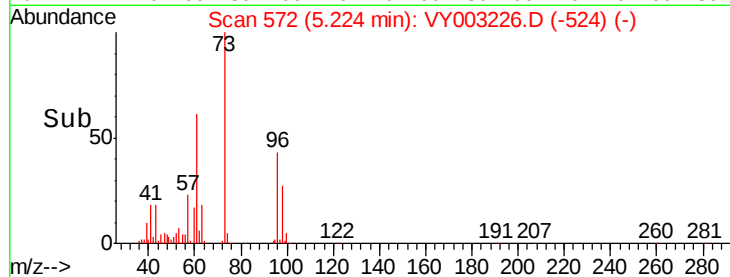
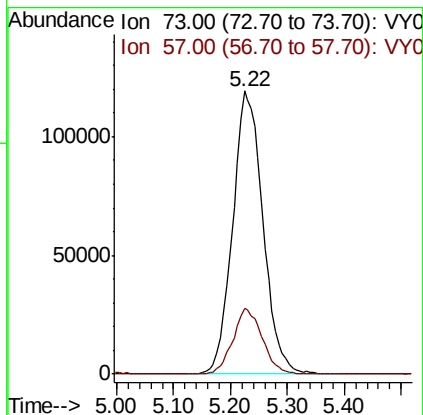
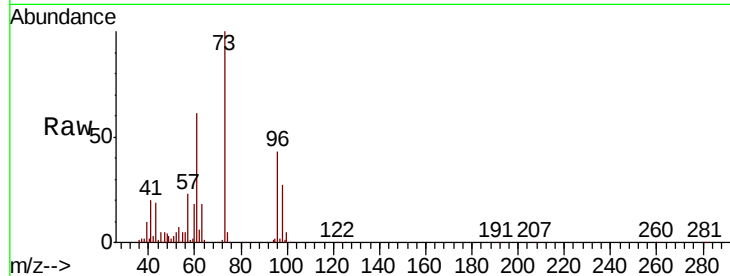


#19

Methyl tert-butyl Ether
 Concen: 55.389 ug/l
 RT: 5.22 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

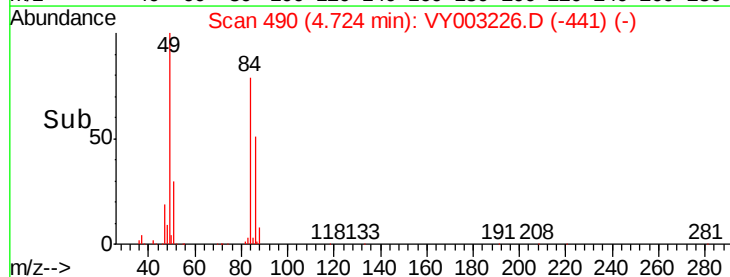
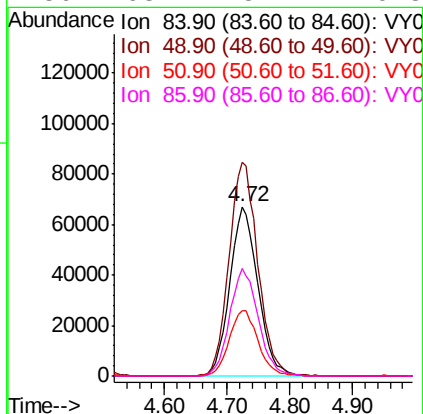
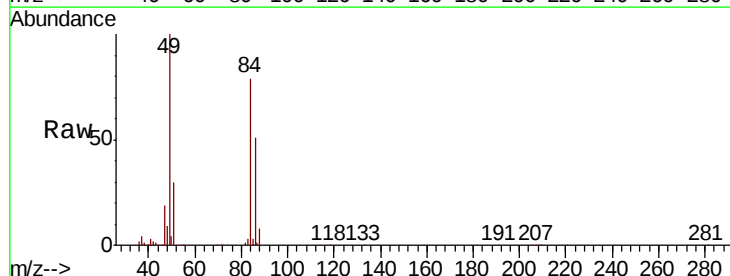
Tot Ion: 73 Resp: 441750
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.1 27.1

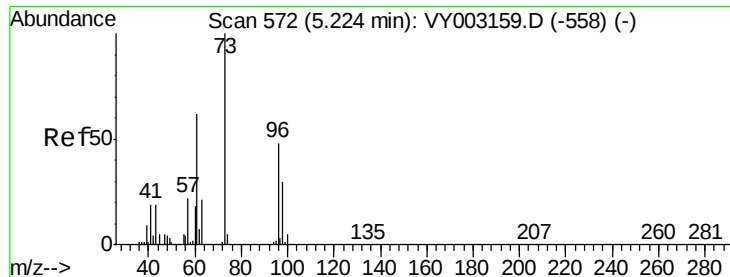


#20

Methylene Chloride
 Concen: 65.657 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion: 84 Resp: 207421
 Ion Ratio Lower Upper
 84 100
 49 126.1 98.2 147.4
 51 38.2 29.8 44.6
 86 63.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 52.643 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

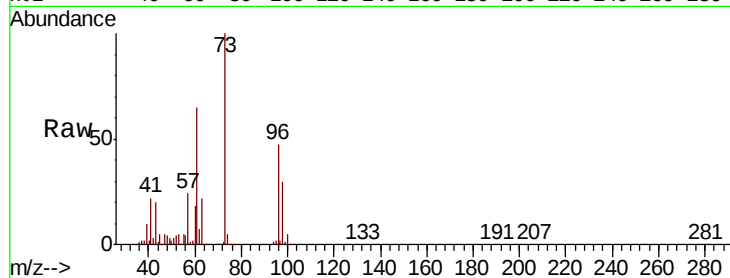
Tot Ion: 96 Resp: 169452

Ion Ratio Lower Upper

96 100

61 137.3 102.5 153.7

98 62.8 49.8 74.8

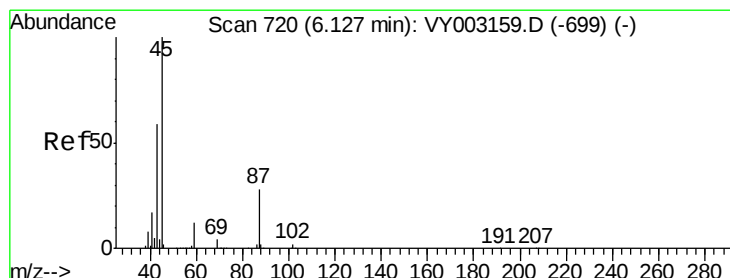
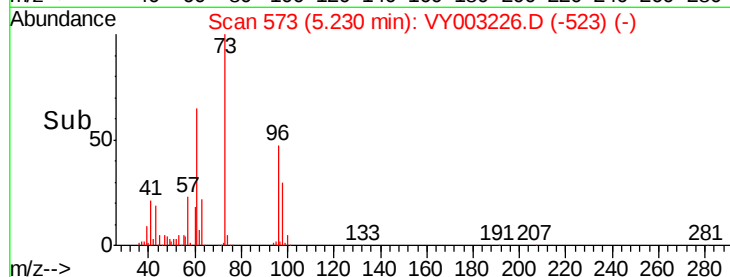
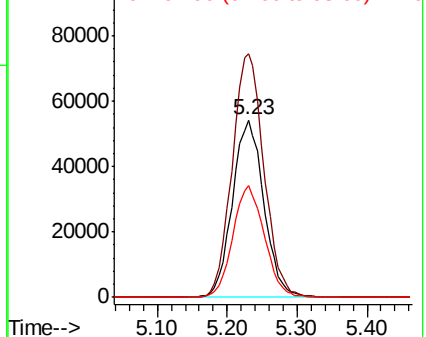


Abundance

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: 61.240 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion: 45 Resp: 573951

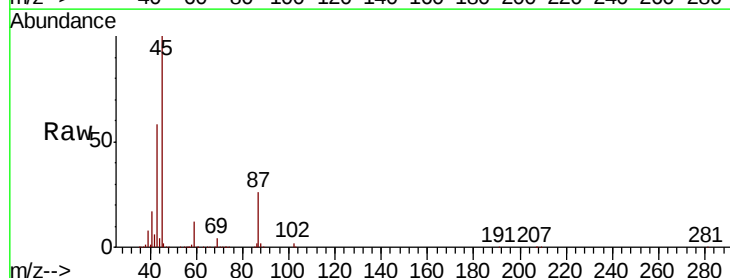
Ion Ratio Lower Upper

45 100

43 58.0 47.0 70.4

87 26.0 22.6 33.8

59 11.9 9.8 14.6



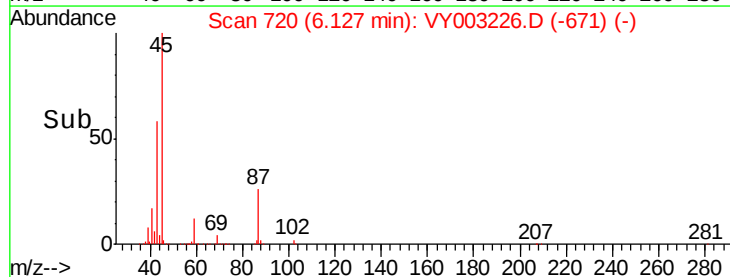
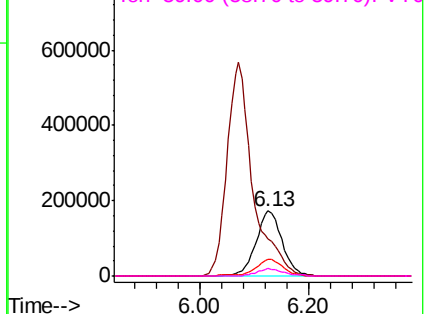
Abundance

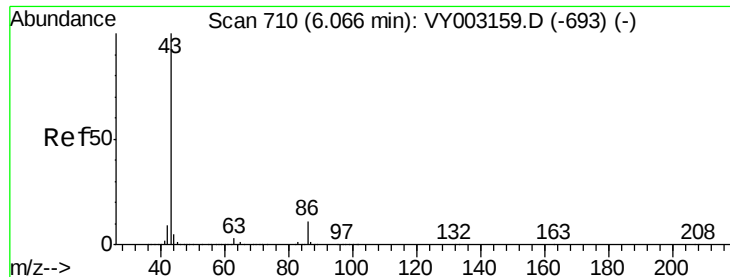
Ion 45.00 (44.70 to 45.70): VY0

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: 299.792 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

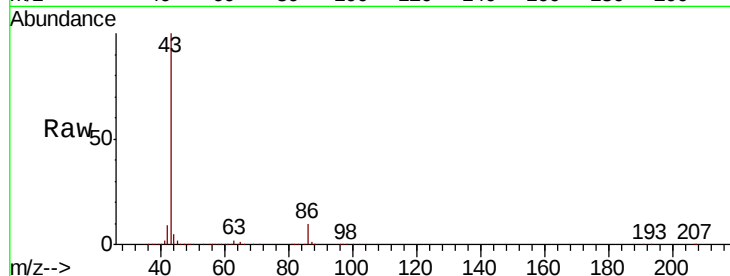
VSTDCCC050EC

Tot Ion: 43 Resp: 1872735

Ion Ratio Lower Upper

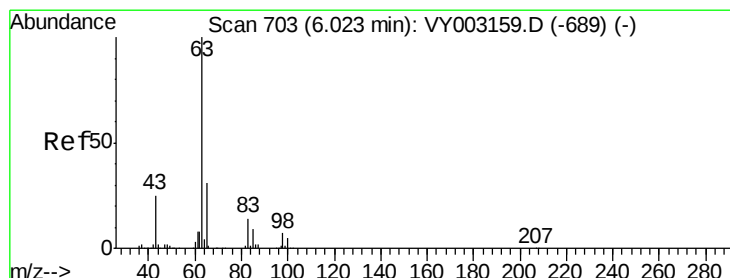
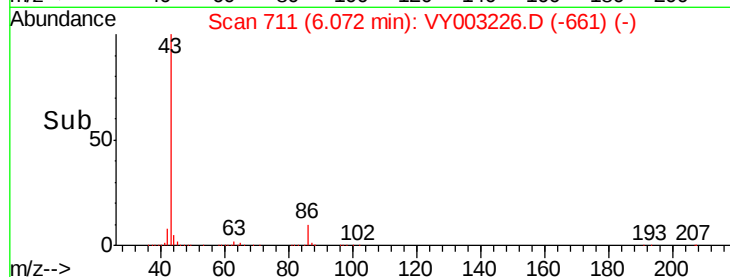
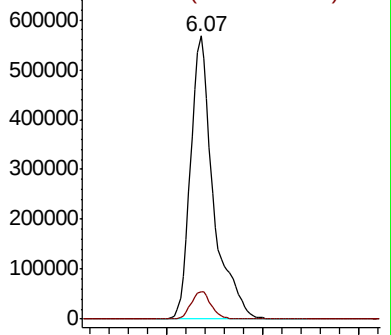
43 100

86 9.8 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: 57.266 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

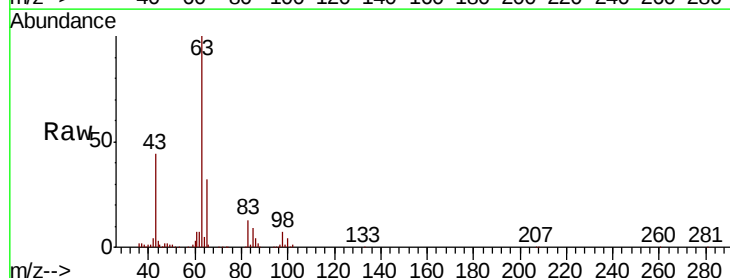
Tgt Ion: 63 Resp: 310940

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

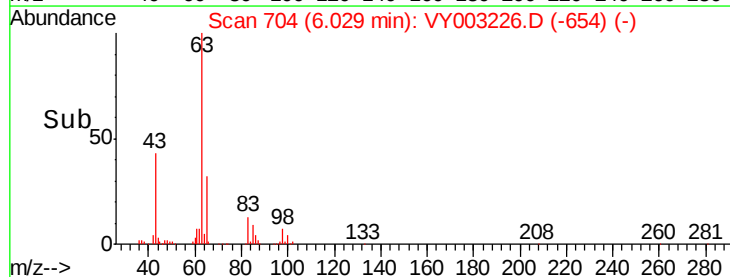
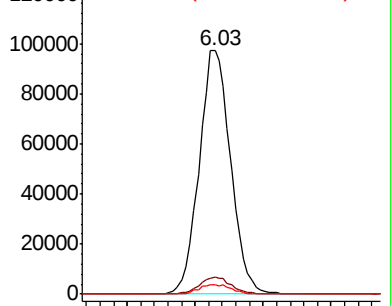
100 4.1 2.4 7.2



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: 300.304 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

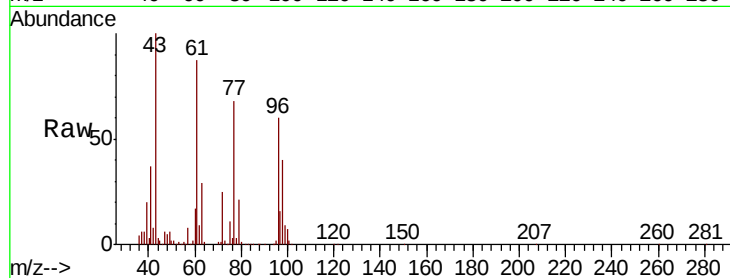
VSTDCCC050EC

Tot Ion: 43 Resp: 317927

Ion Ratio Lower Upper

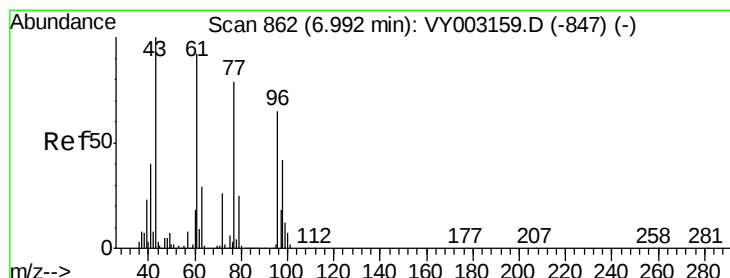
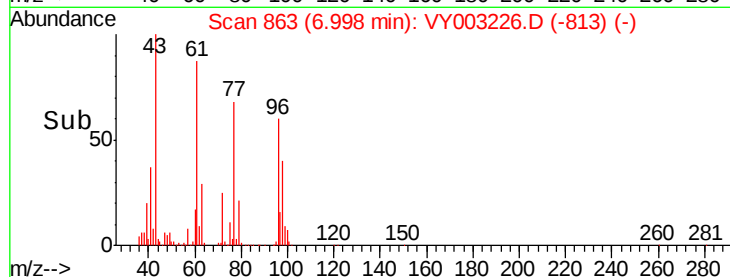
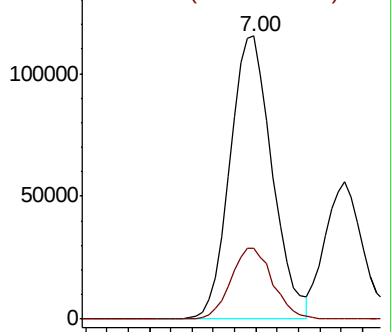
43 100

72 24.9 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: 52.037 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003226.D

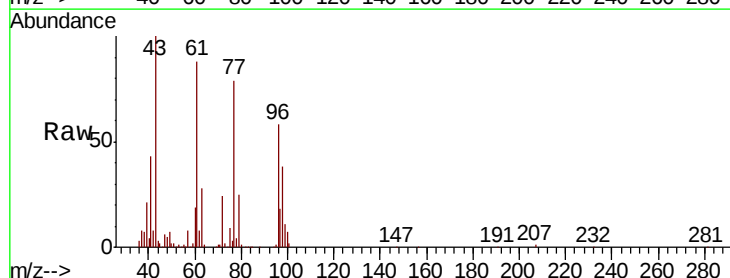
Acq: 16 Jul 2020 21:40

Tgt Ion: 77 Resp: 254457

Ion Ratio Lower Upper

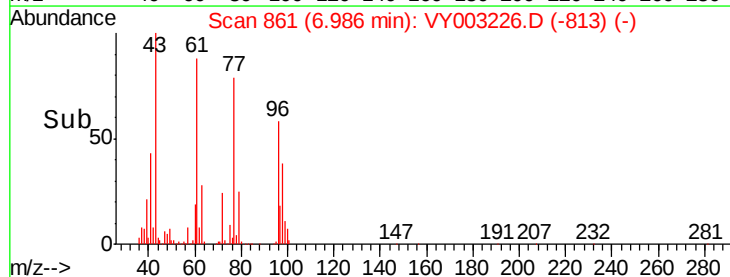
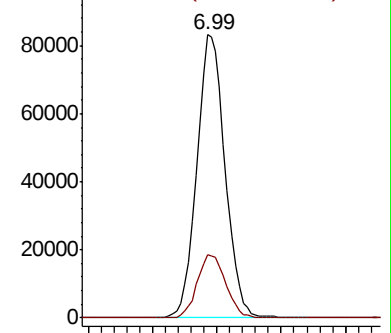
77 100

97 22.5 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



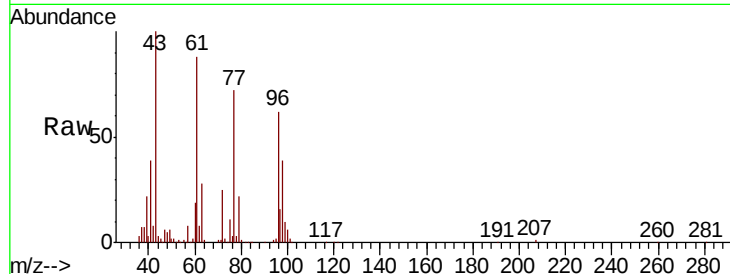


#27

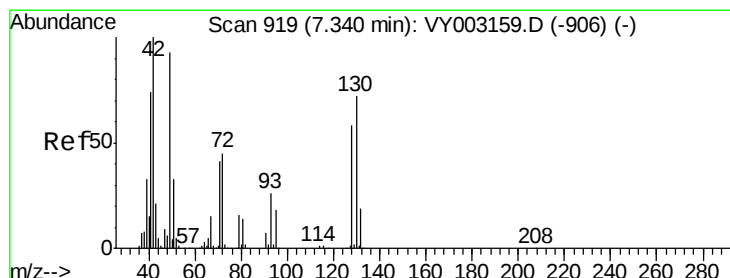
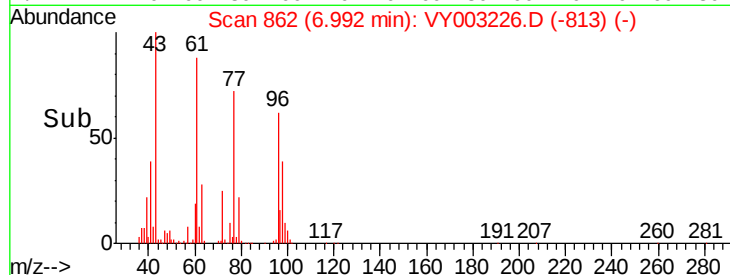
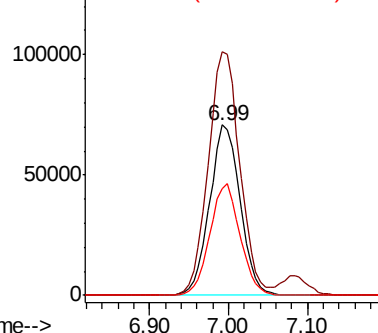
cis-1,2-Dichloroethene
 Concen: 53.962 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	281.2
98	64.7	0.0	129.8



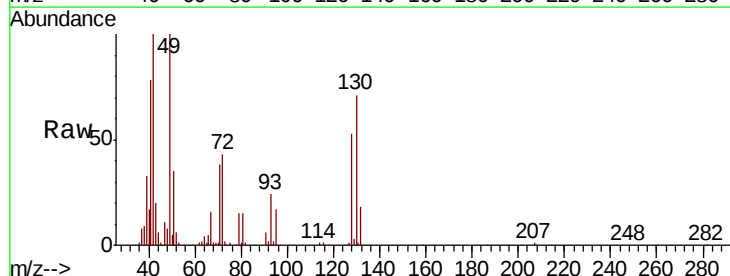
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



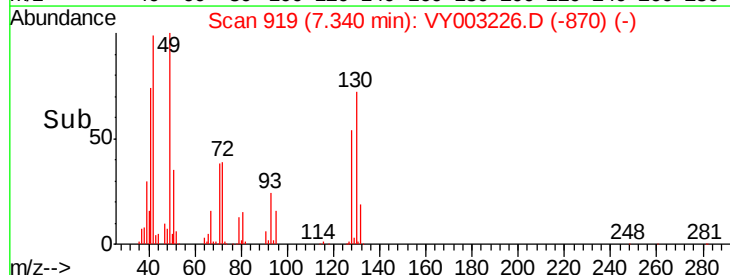
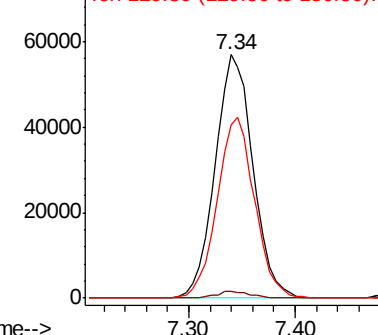
#28

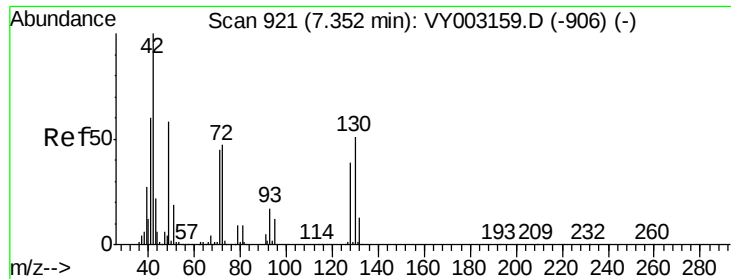
Bromochloromethane
 Concen: 60.235 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	73.7	64.9	97.3



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





#29

Tetrahydrofuran

Concen: 303.761 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

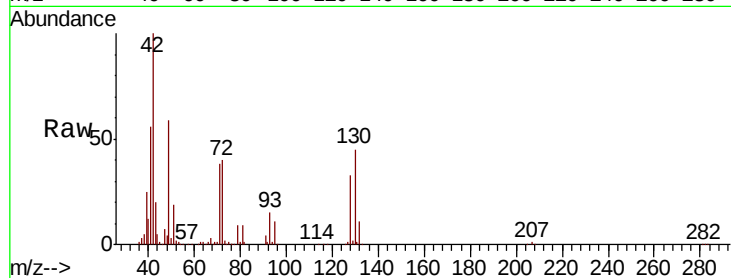
Tot Ion: 42 Resp: 216037

Ion Ratio Lower Upper

42 100

72 41.3 36.7 55.1

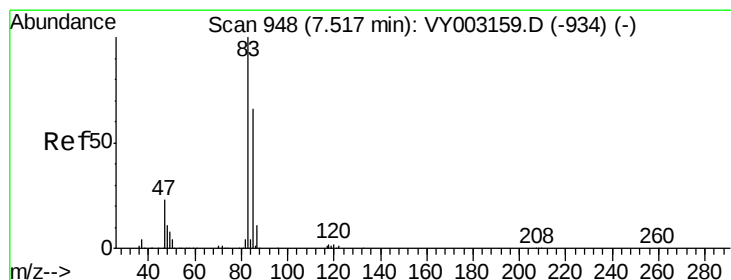
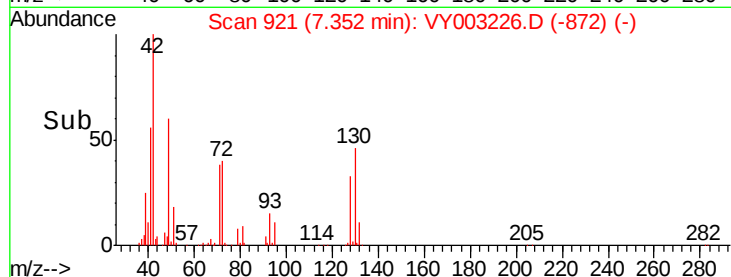
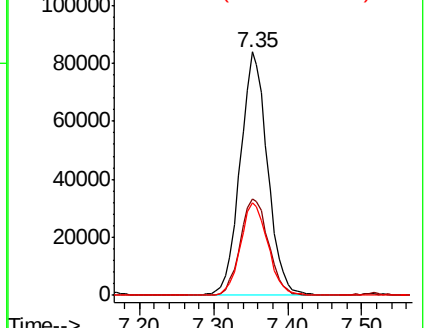
71 38.1 34.2 51.4



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: 55.789 ug/l

RT: 7.51 min Scan# 947

Delta R.T. -0.01 min

Lab File: VY003226.D

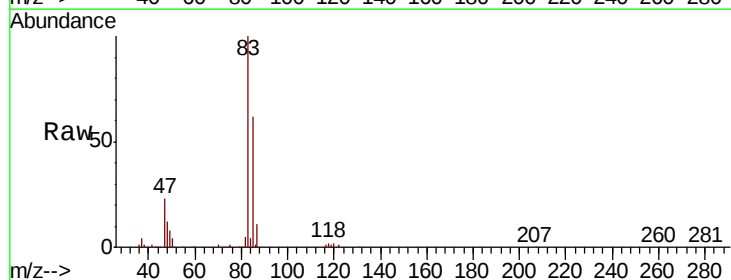
Acq: 16 Jul 2020 21:40

Tgt Ion: 83 Resp: 311990

Ion Ratio Lower Upper

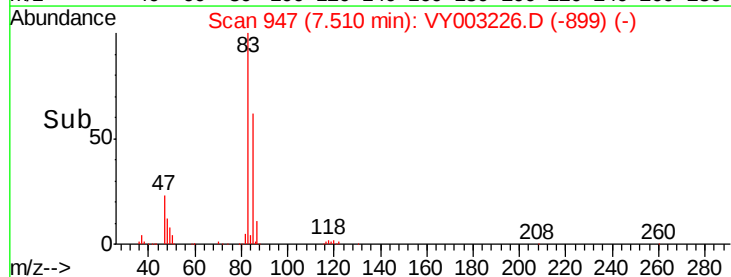
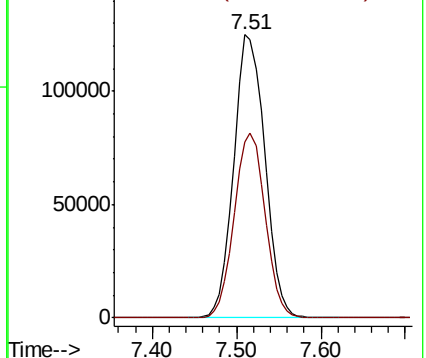
83 100

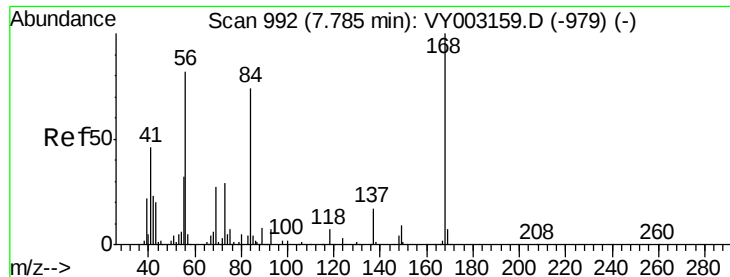
85 62.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

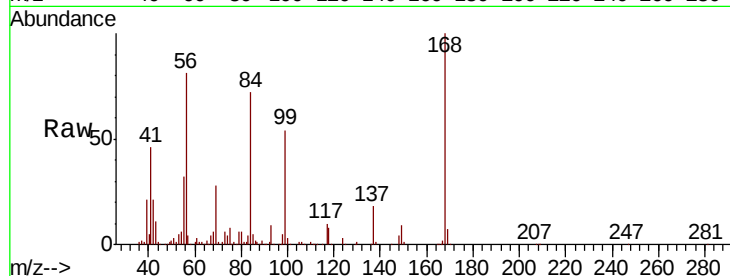




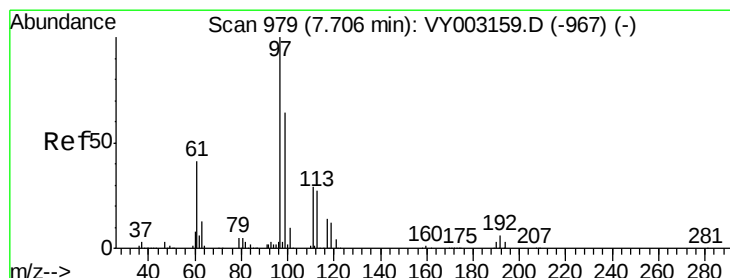
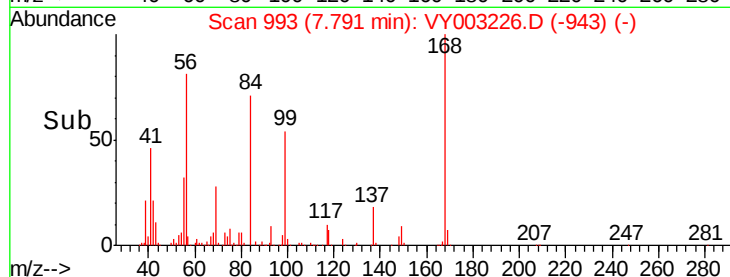
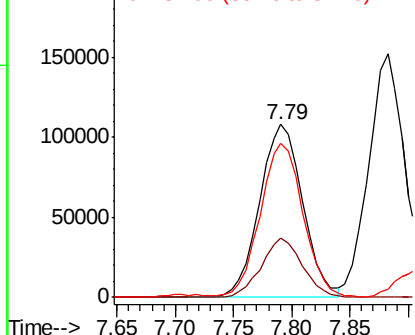
#31
Cyclohexane
Concen: 52.586 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 276102
Ion Ratio Lower Upper
56 100
69 34.2 26.7 40.1
84 87.9 72.3 108.5

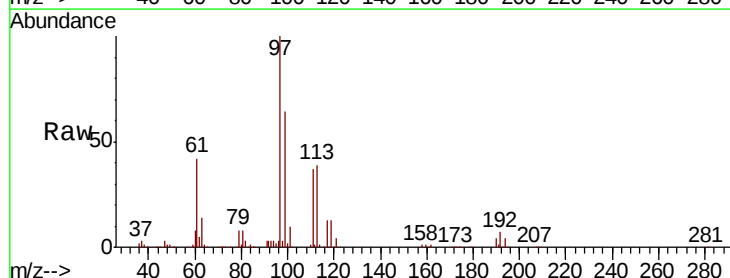


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

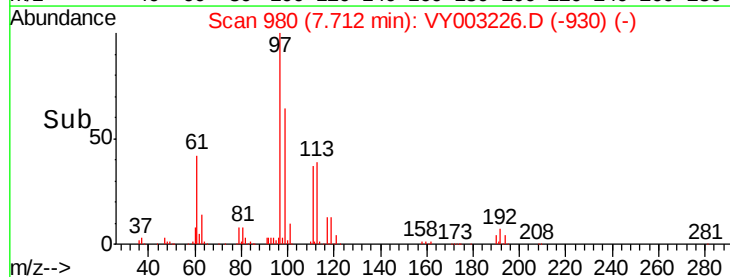
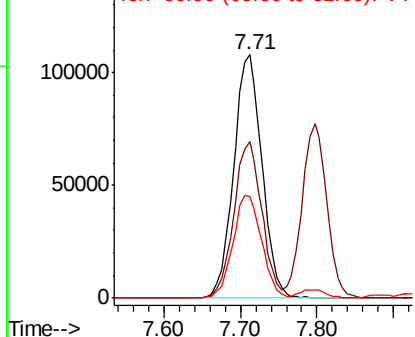


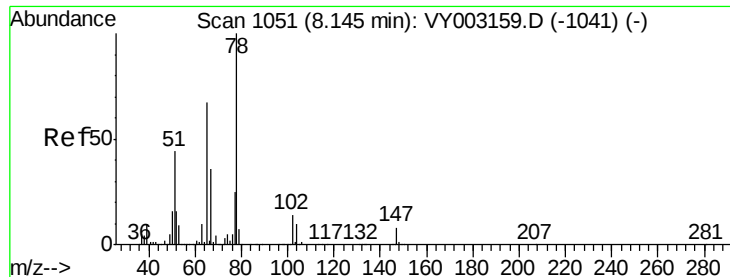
#32
1,1,1-Trichloroethane
Concen: 54.629 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 97 Resp: 275033
Ion Ratio Lower Upper
97 100
99 63.6 52.1 78.1
61 43.0 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

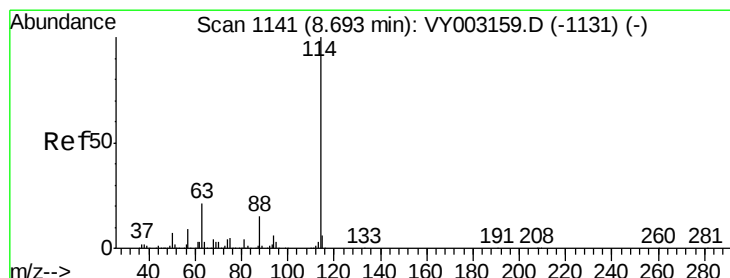
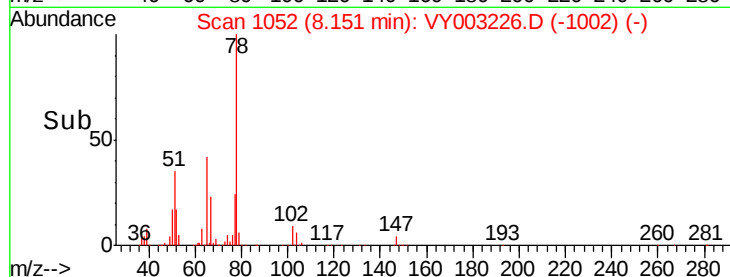
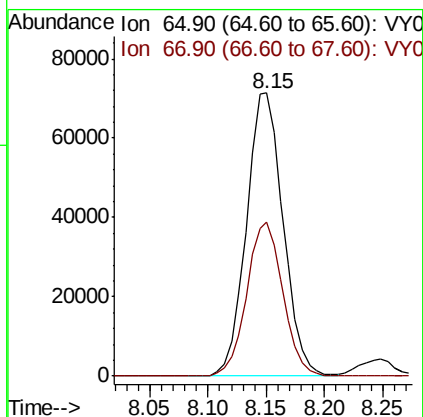
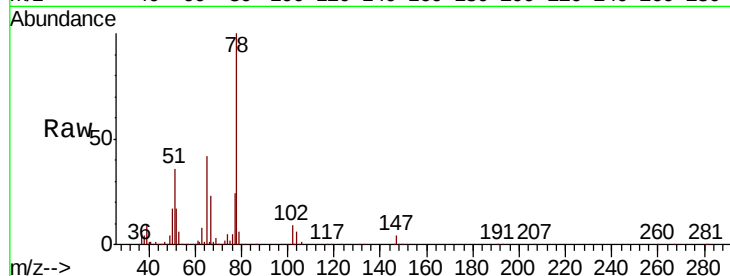




#33
 1,2-Dichloroethane-d4
 Concen: 54.386 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

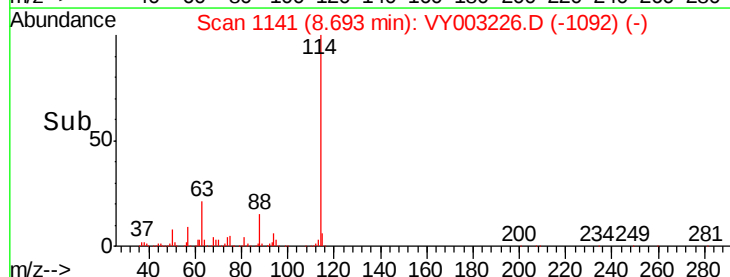
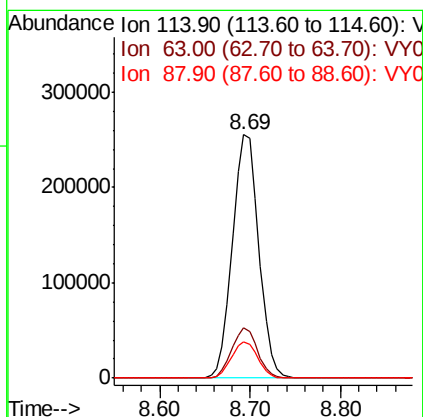
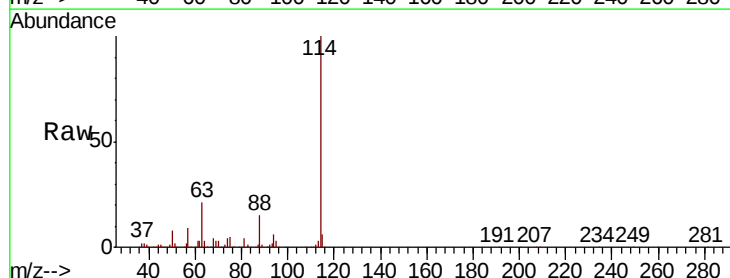
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

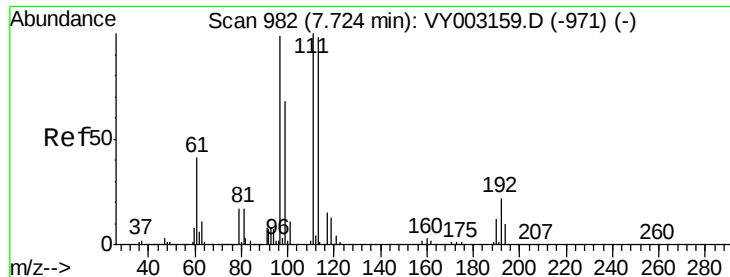
Tot Ion: 65 Resp: 156992
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion: 114 Resp: 513552
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 14.9 0.0 30.2

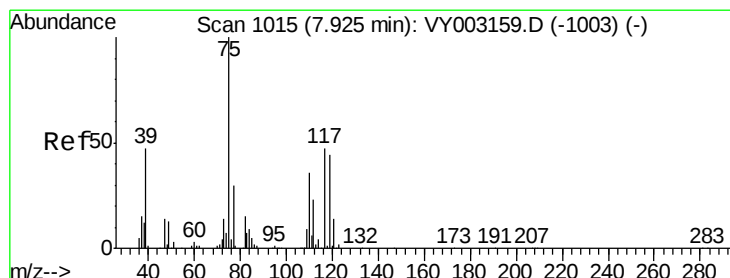
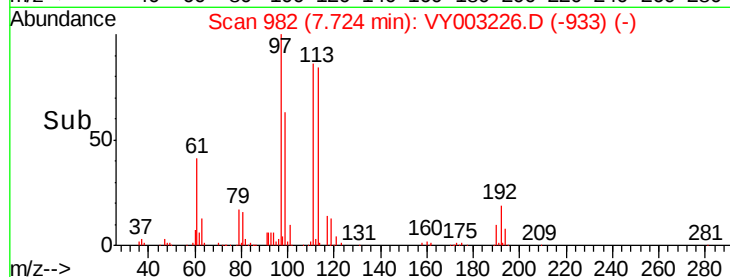
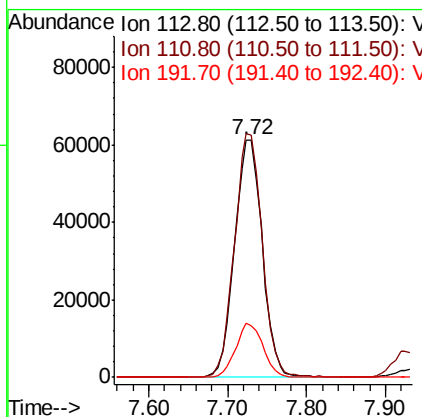
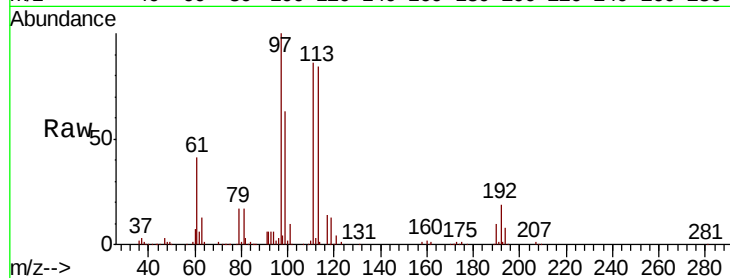




#35
 Dibromofluoromethane
 Concen: 50.668 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

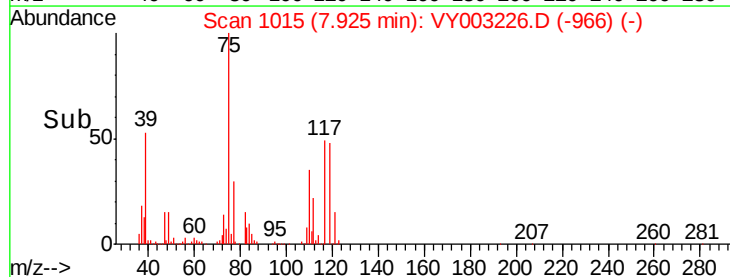
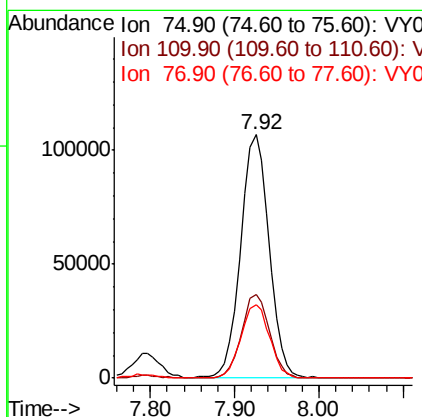
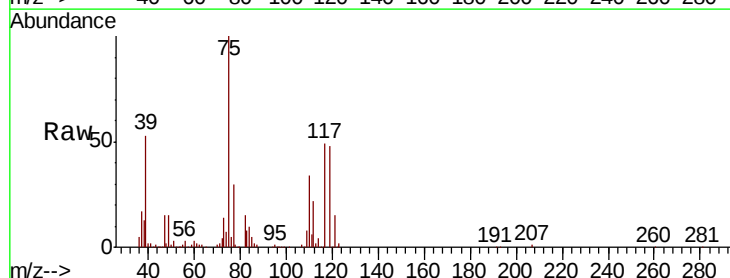
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

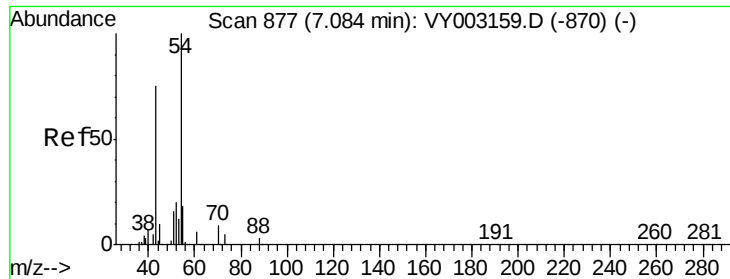
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	22.5	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 52.066 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	18.1	54.1
77	30.7	24.8	37.2

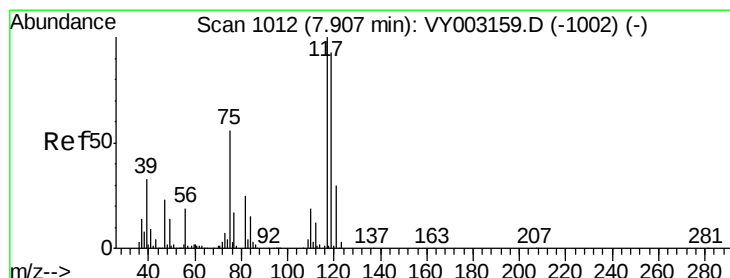
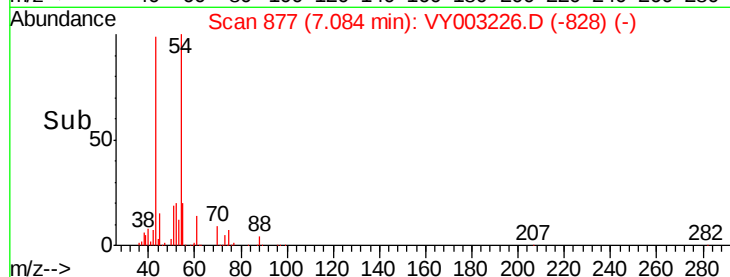
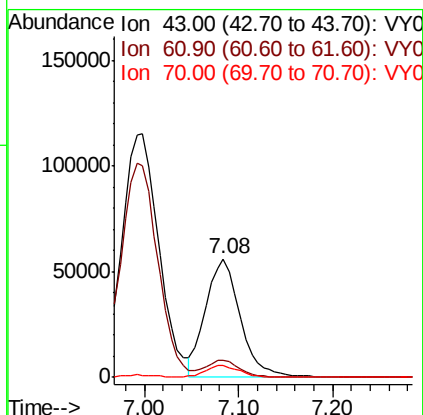
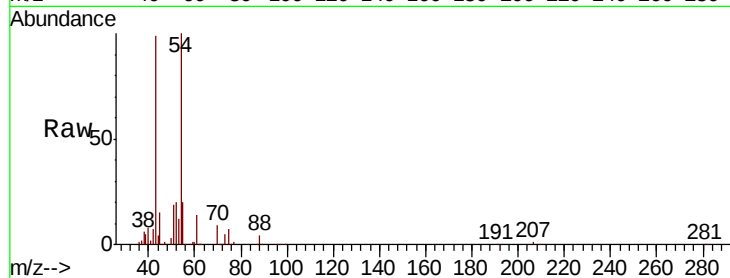




#37
Ethyl Acetate
Concen: 57.157 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

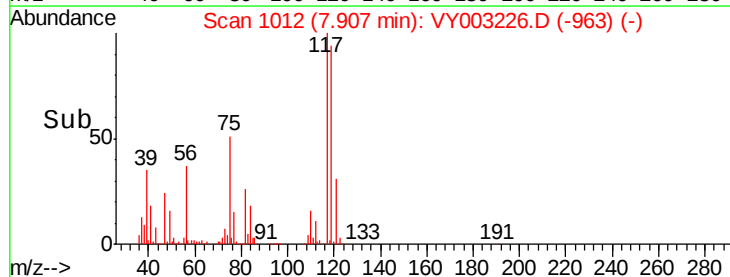
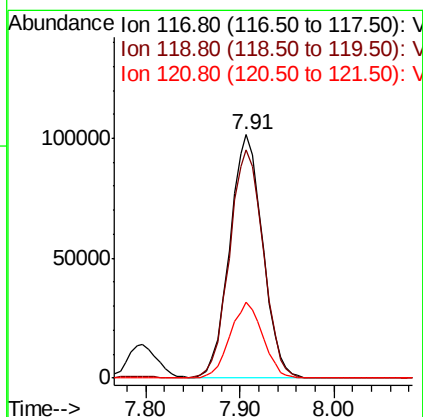
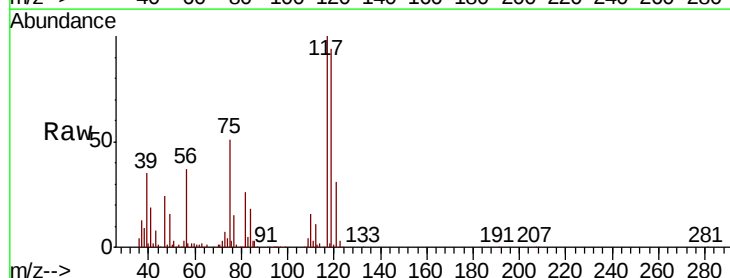
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

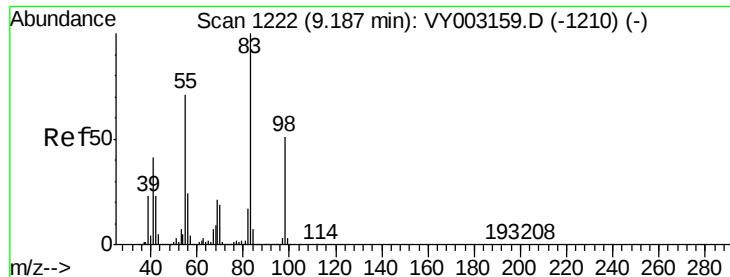
Tot Ion: 43 Resp: 143269
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 9.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.208 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 117 Resp: 246056
Ion Ratio Lower Upper
117 100
119 94.0 74.5 111.7
121 31.2 24.2 36.2

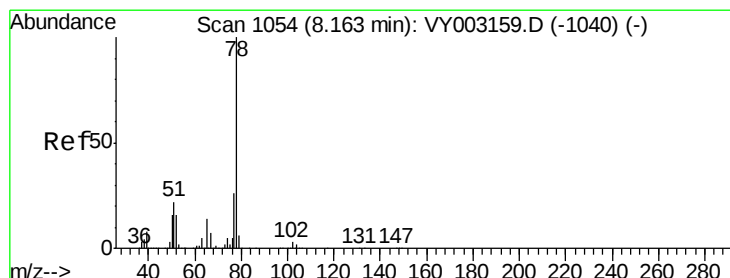
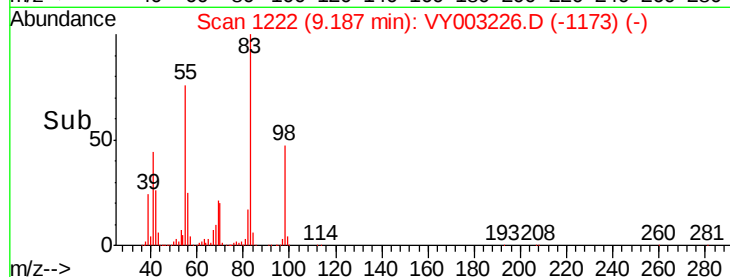
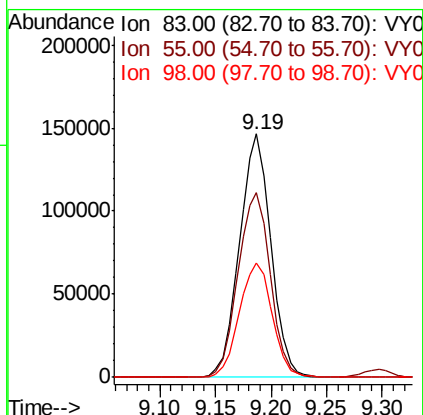
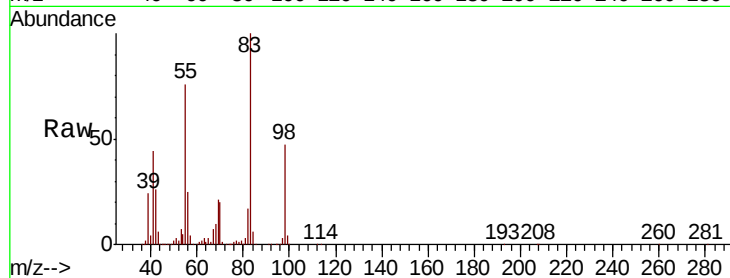




#39
Methvlcvclohexane
Concen: 49.018 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

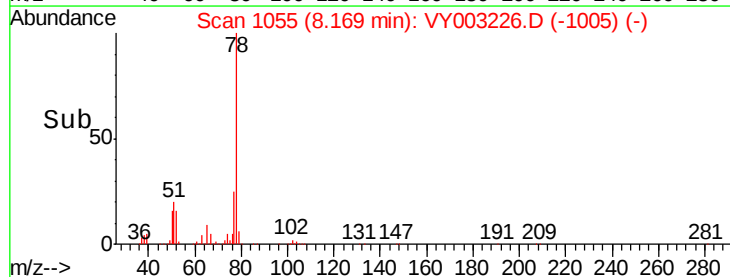
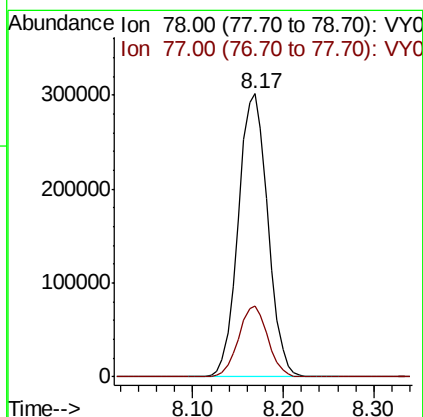
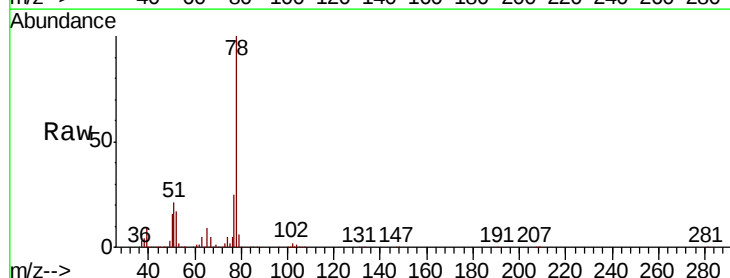
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

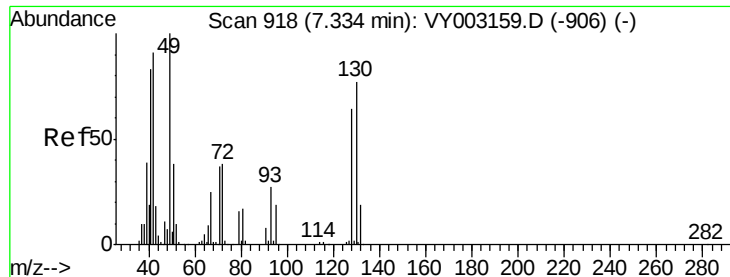
Tot Ion: 83 Resp: 286609
Ion Ratio Lower Upper
83 100
55 76.0 57.2 85.8
98 46.7 41.0 61.6



#40
Benzene
Concen: 53.223 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 78 Resp: 682108
Ion Ratio Lower Upper
78 100
77 25.1 20.7 31.1

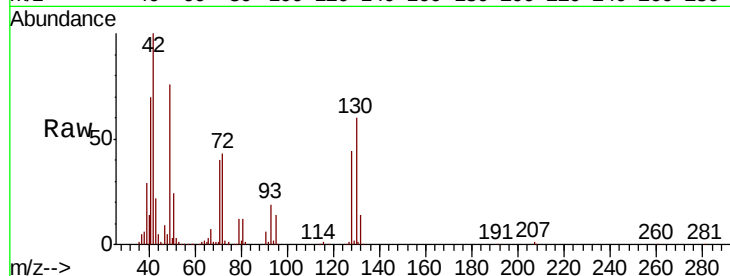




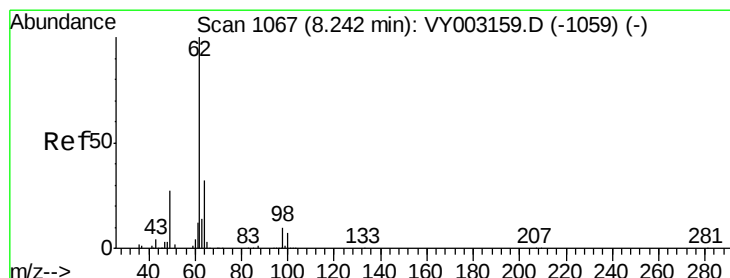
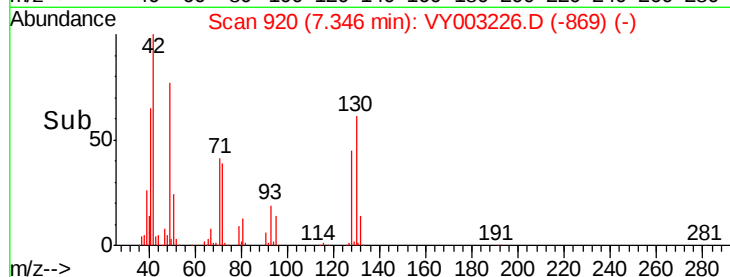
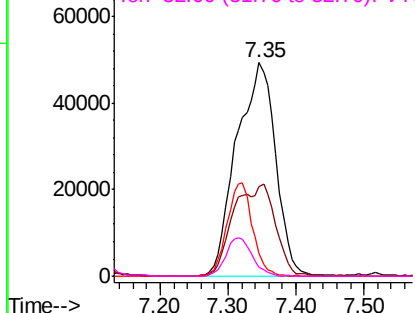
#41
Methacrylonitrile
Concen: 130.336 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 196761
Ion Ratio Lower Upper
41 100
39 46.6 83.3 124.9#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

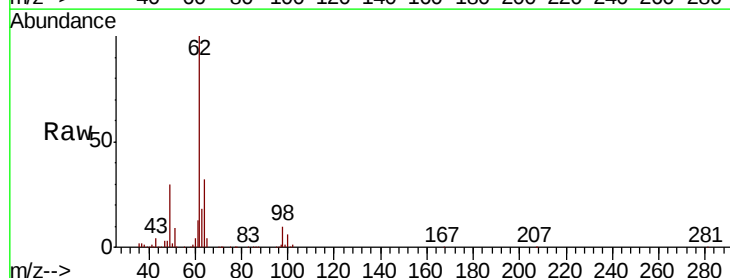


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

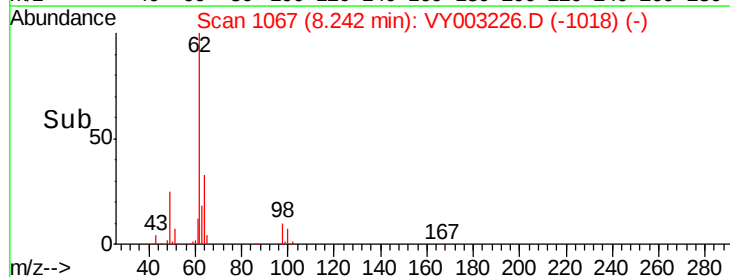
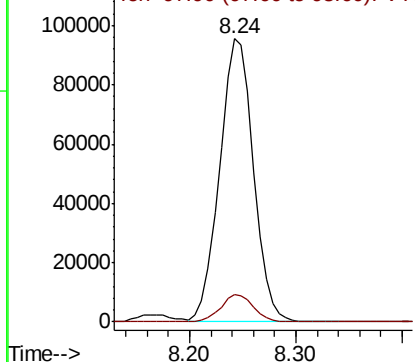


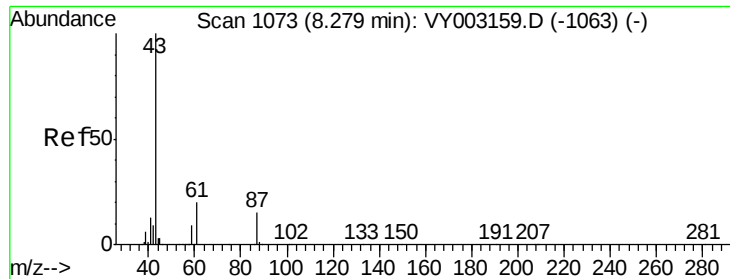
#42
1,2-Dichloroethane
Concen: 53.654 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 62 Resp: 211694
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.0



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





#43

Isopropyl Acetate

Concen: 57.493 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

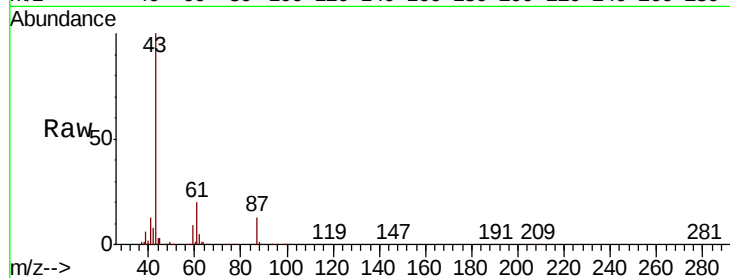
Tot Ion: 43 Resp: 278943

Ion Ratio Lower Upper

43 100

61 28.0 23.7 35.5

87 12.5 11.4 17.0



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

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

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

150000

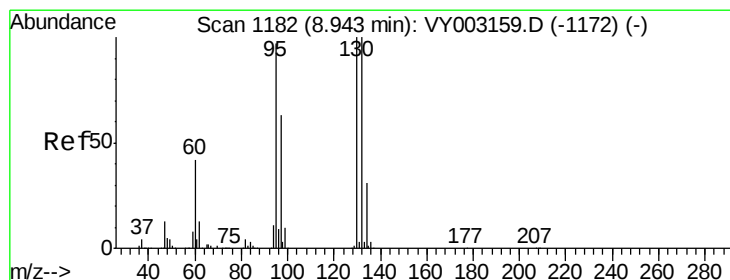
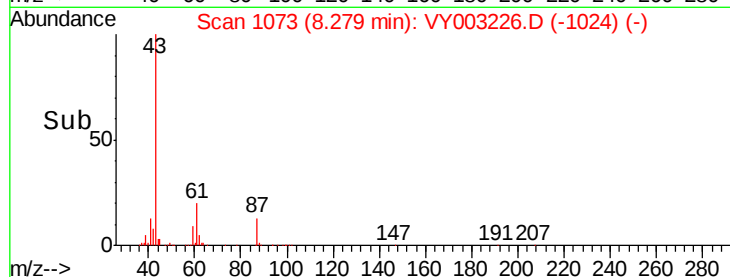
100000

50000

0

8.20 8.30 8.40

Time-->



#44

Trichloroethene

Concen: 49.635 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003226.D

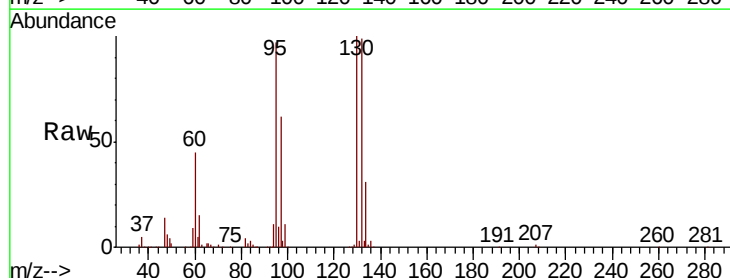
Acq: 16 Jul 2020 21:40

Tgt Ion:130 Resp: 195004

Ion Ratio Lower Upper

130 100

95 96.9 0.0 193.8



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

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

100000

80000

60000

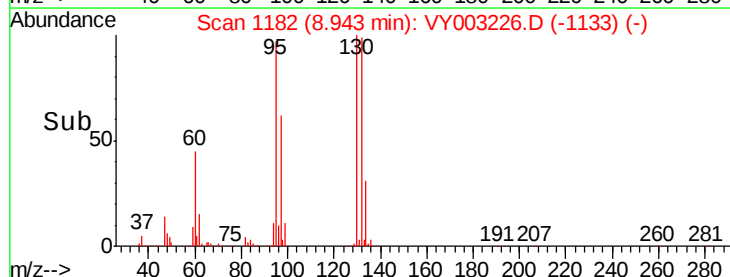
40000

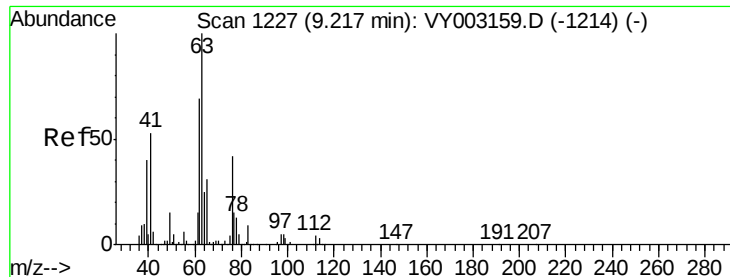
20000

0

8.90 9.00

Time-->

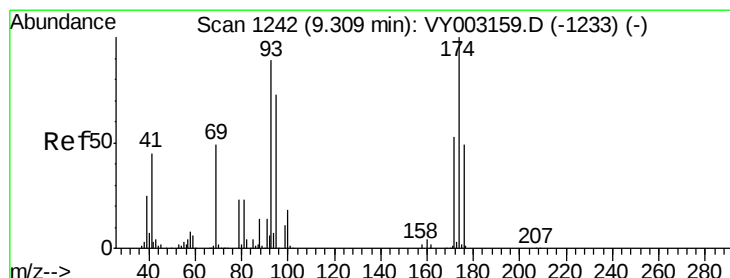
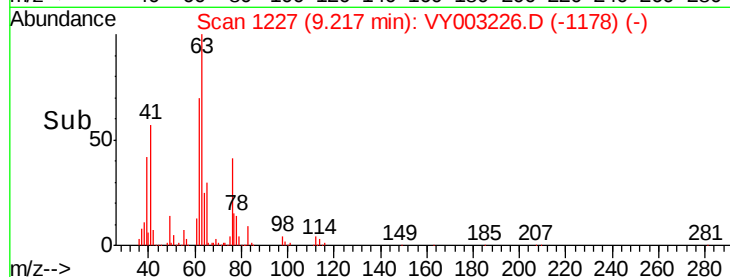
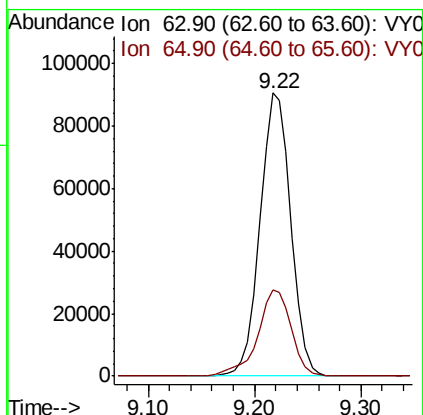
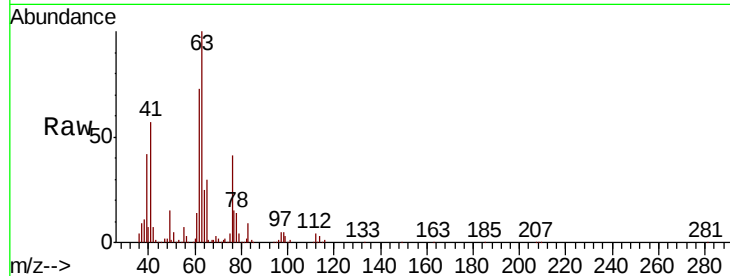




#45
 1,2-Dichloropropane
 Concen: 55.272 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

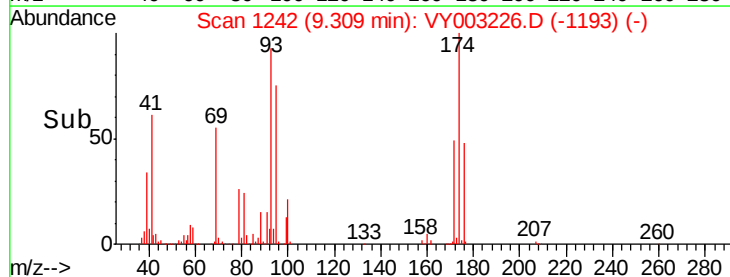
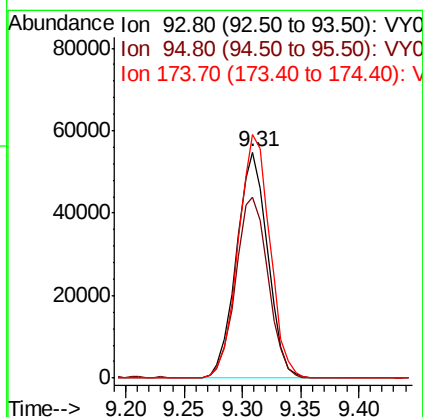
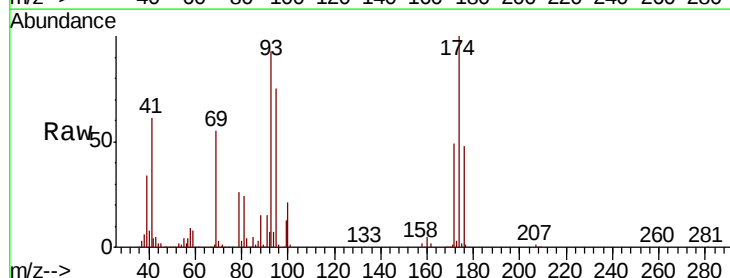
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

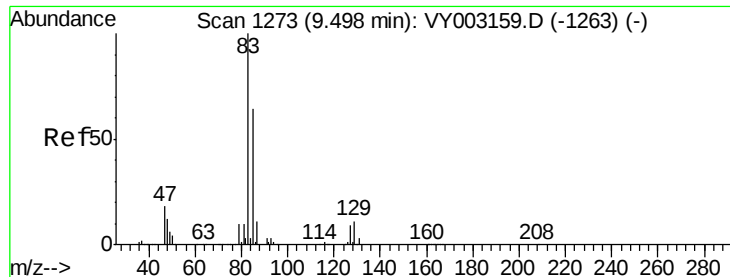
Tot Ion: 63 Resp: 183293
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.4



#46
 Dibromomethane
 Concen: 52.902 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion: 93 Resp: 102465
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.6 99.8
 174 109.3 90.2 135.4





#47

Bromodichloromethane

Concen: 54.467 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

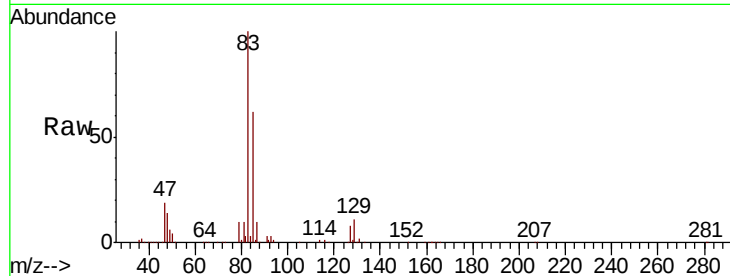
Tot Ion: 83 Resp: 250905

Ion Ratio Lower Upper

83 100

85 62.0 50.9 76.3

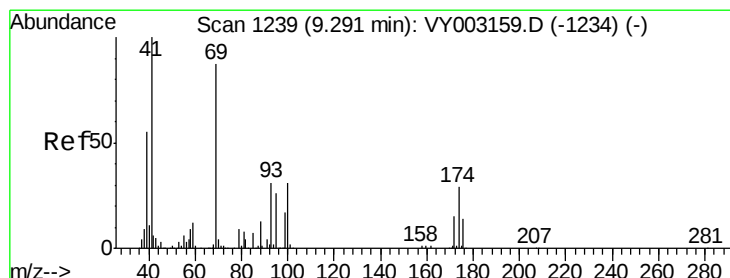
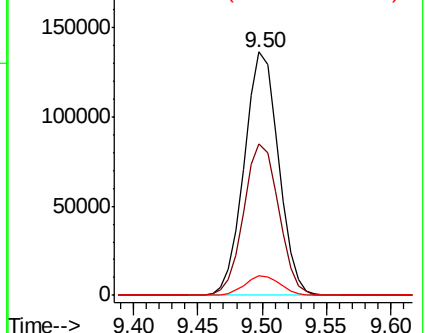
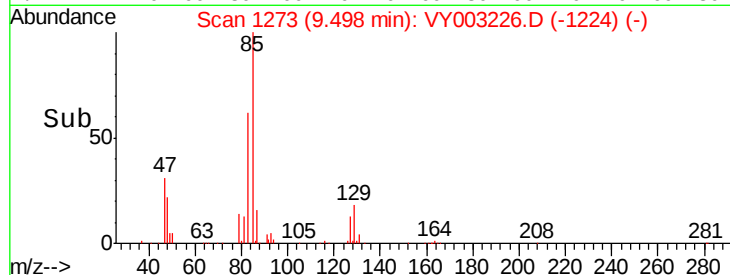
127 8.1 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 57.212 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

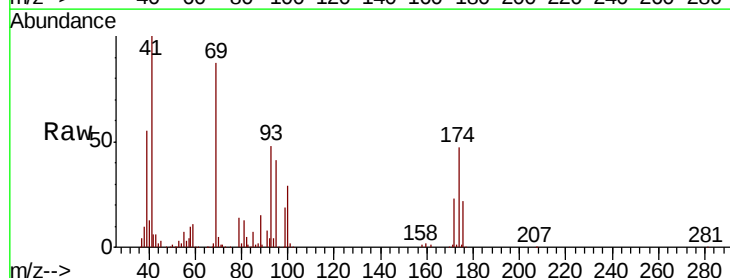
Tgt Ion: 41 Resp: 124095

Ion Ratio Lower Upper

41 100

69 87.7 74.5 111.7

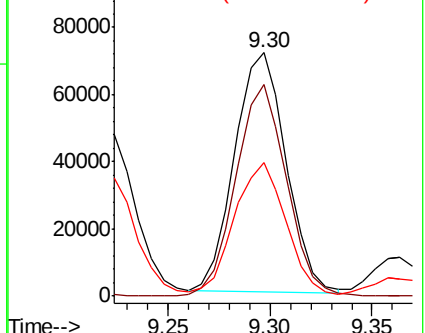
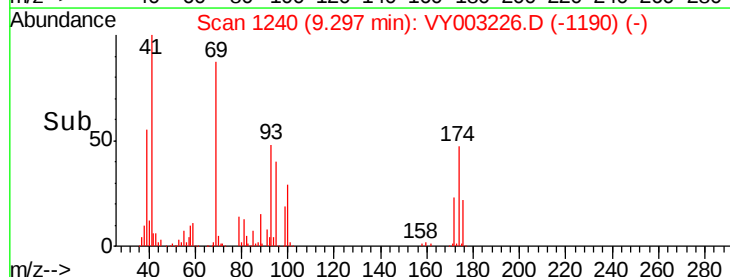
39 56.9 47.5 71.3

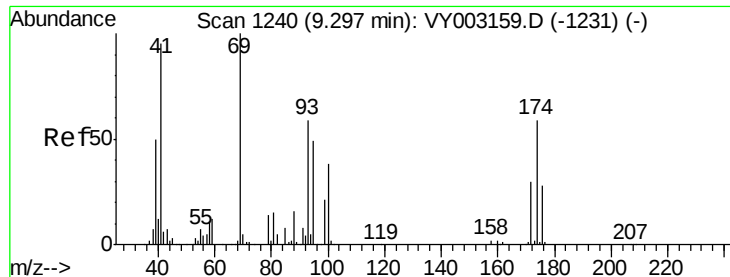


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

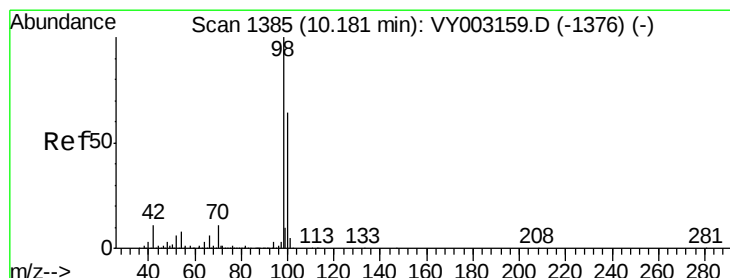
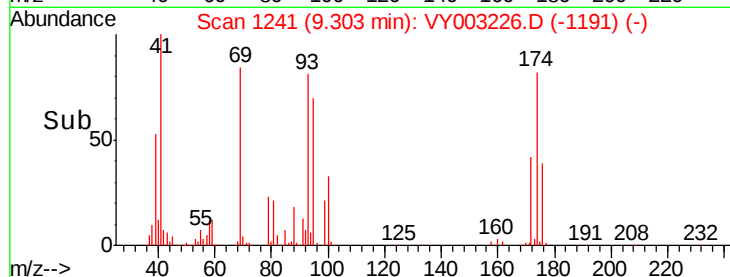
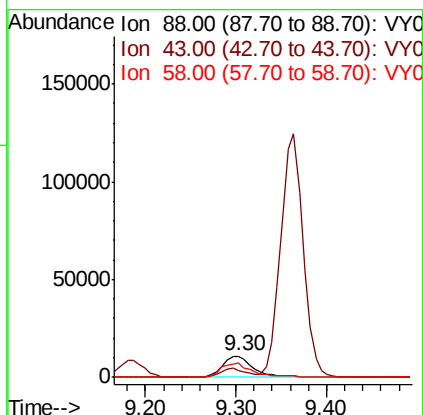
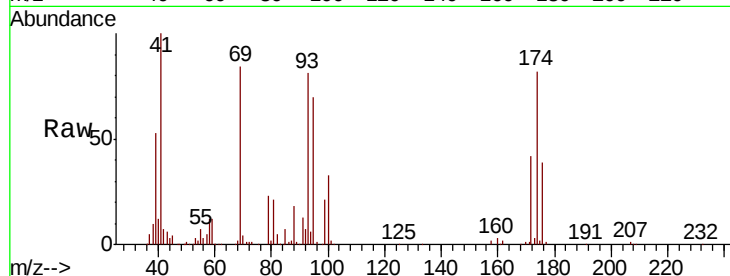




#49
1,4-Dioxane
Concen: 1075.782 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

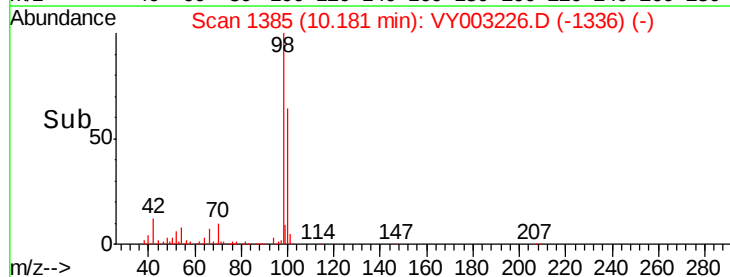
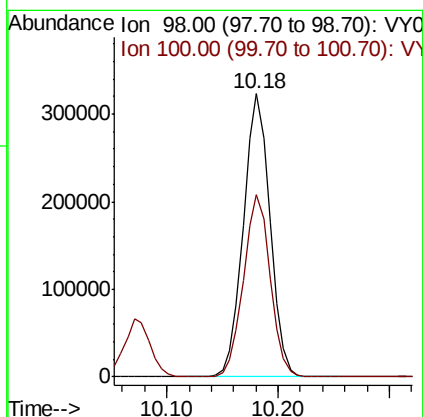
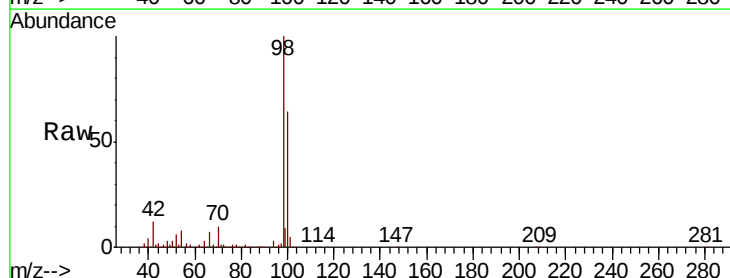
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

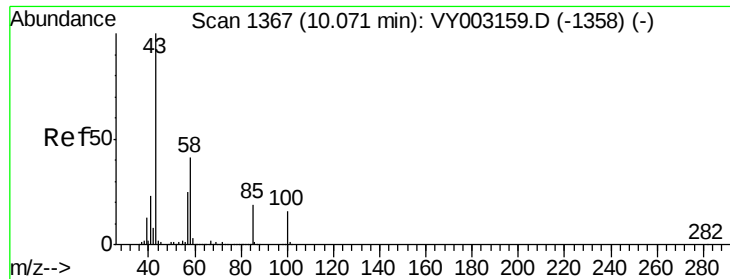
Tot Ion: 88 Resp: 26445
Ion Ratio Lower Upper
88 100
43 32.3 25.6 38.4
58 69.5 47.8 71.6



#50
Toluene-d8
Concen: 48.868 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 98 Resp: 536936
Ion Ratio Lower Upper
98 100
100 64.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 292.621 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

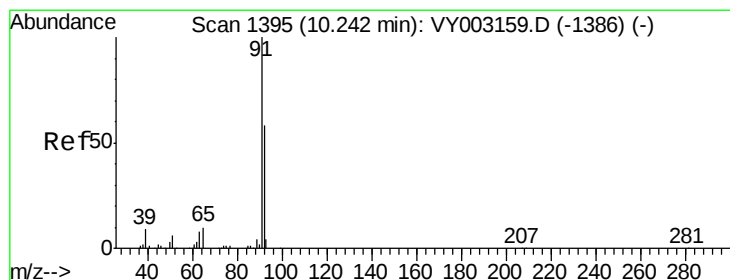
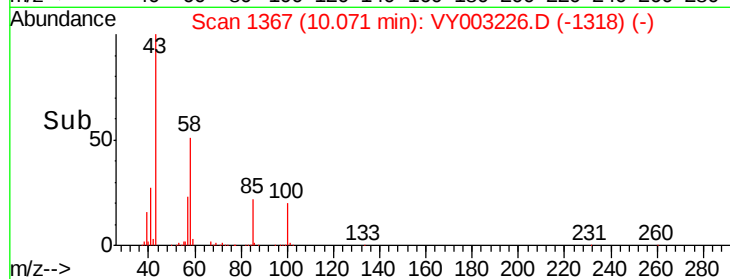
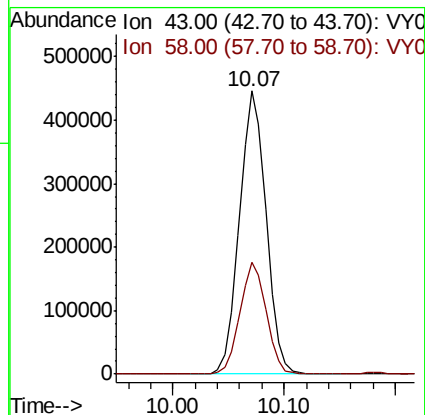
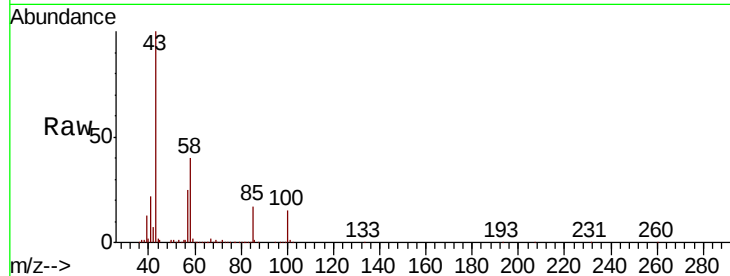
VSTDCCC050EC

Tot Ion: 43 Resp: 737939

Ion Ratio Lower Upper

43 100

58 39.1 32.7 49.1



#52

Toluene

Concen: 52.232 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003226.D

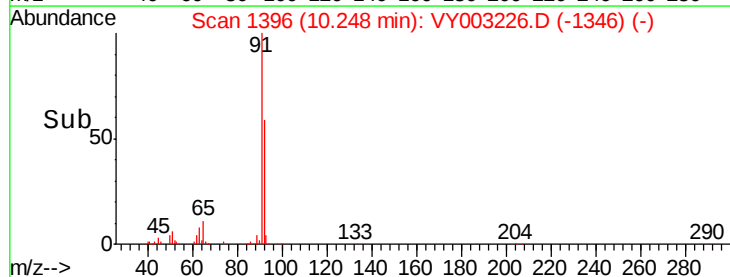
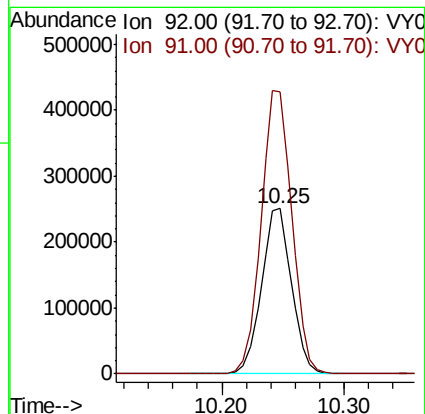
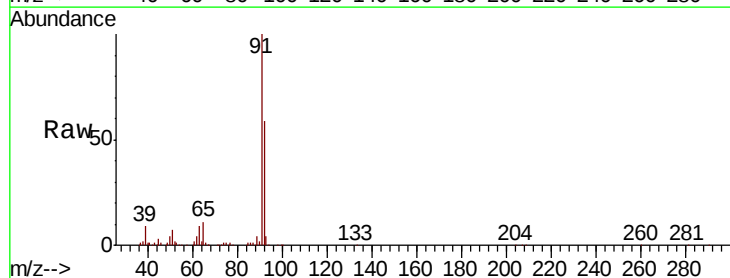
Acq: 16 Jul 2020 21:40

Tgt Ion: 92 Resp: 427861

Ion Ratio Lower Upper

92 100

91 176.1 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 53.627 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

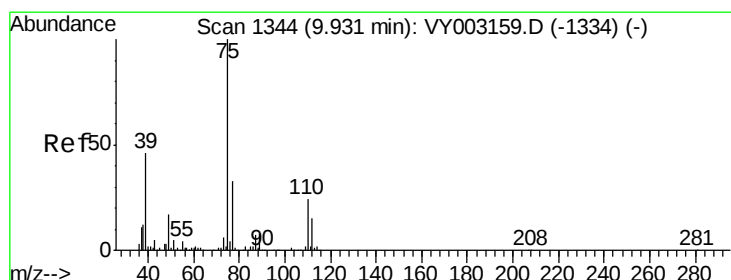
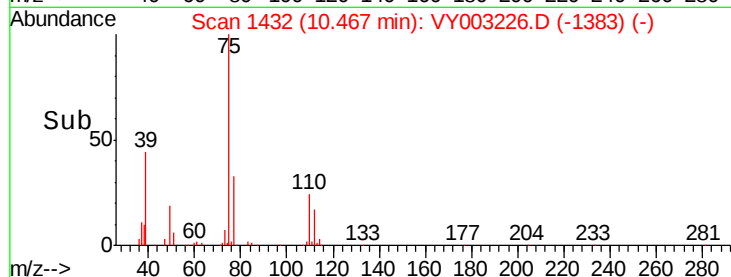
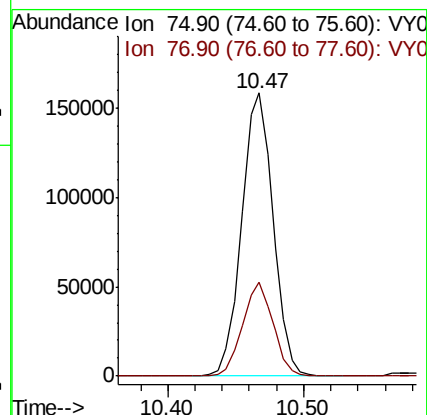
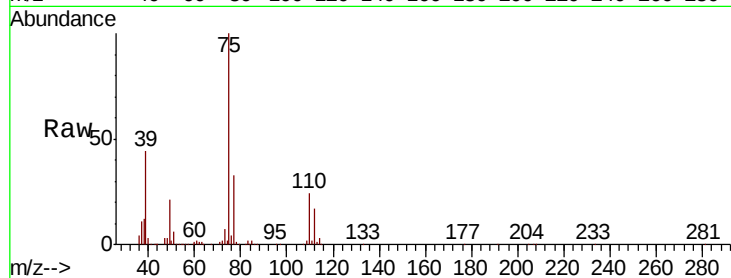
VSTDCCC050EC

Tot Ion: 75 Resp: 255951

Ion Ratio Lower Upper

75 100

77 33.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 53.682 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

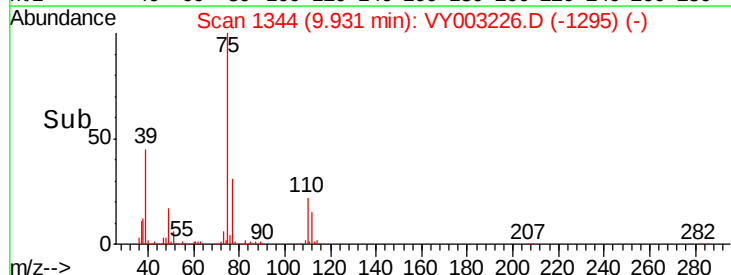
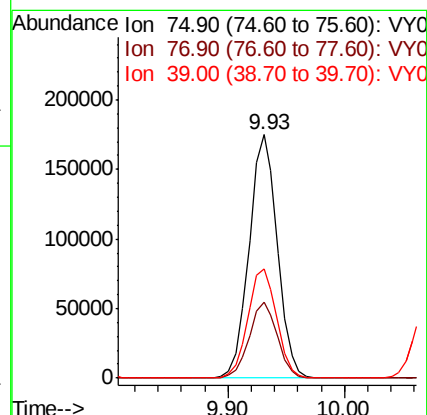
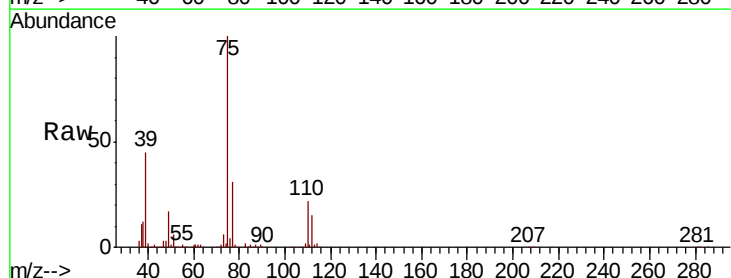
Tgt Ion: 75 Resp: 295205

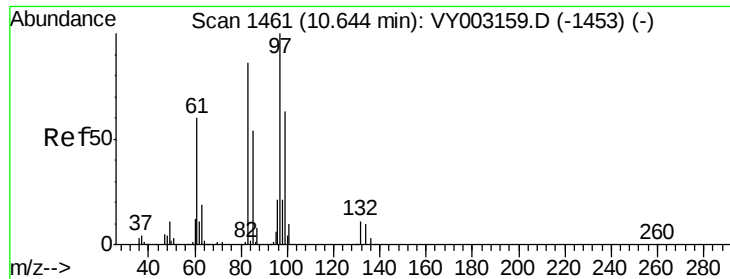
Ion Ratio Lower Upper

75 100

77 31.2 26.7 40.1

39 44.8 37.0 55.6

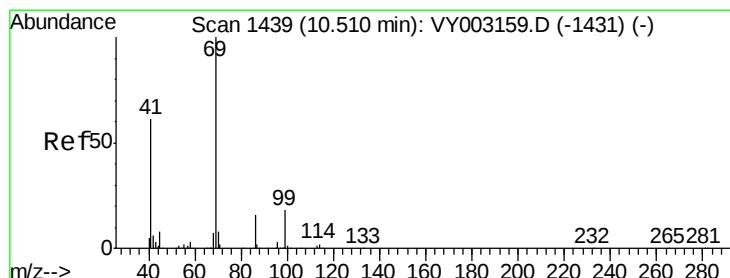
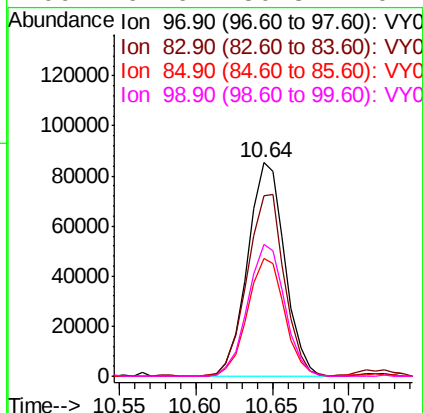
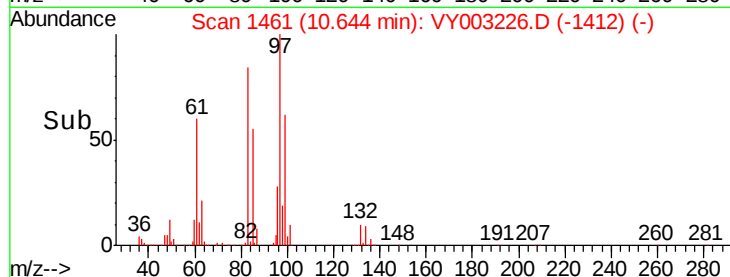
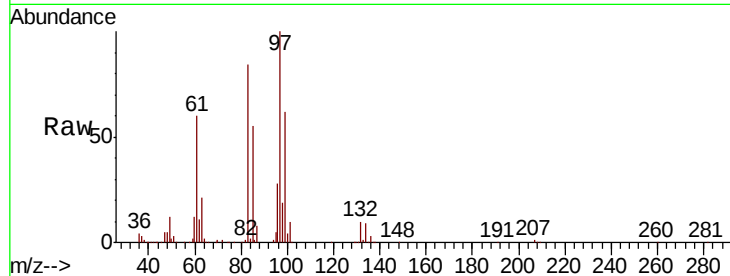




#55
 1,1,2-Trichloroethane
 Concen: 52.498 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

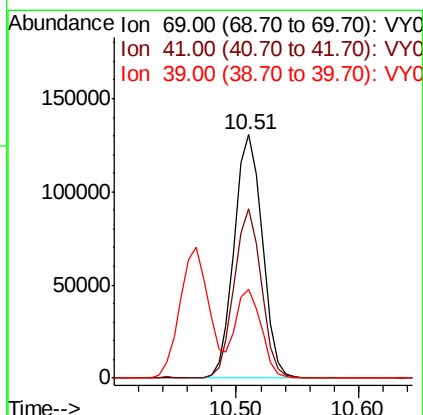
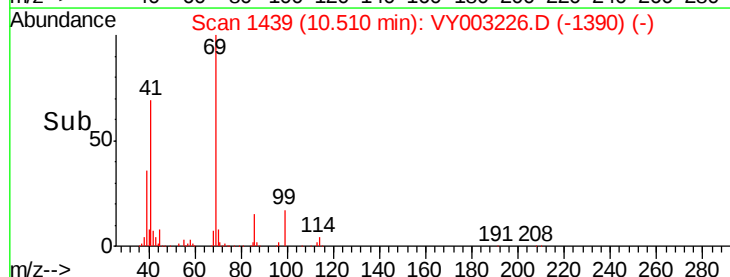
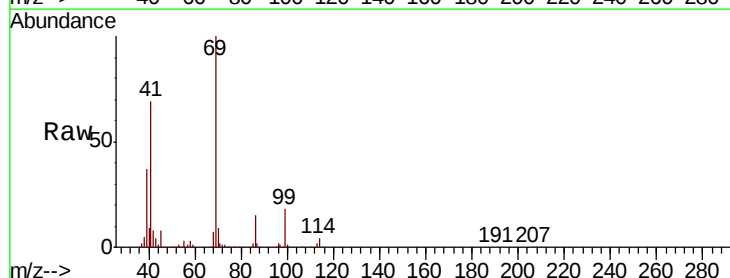
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

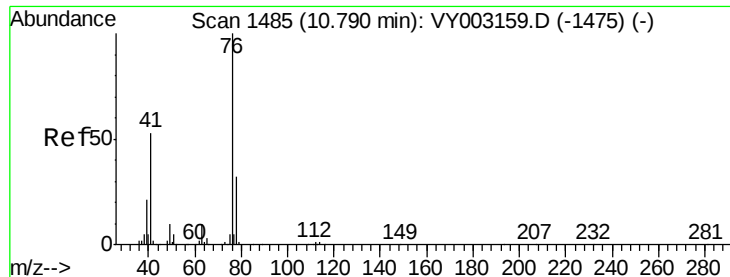
Tot Ion:	97	Resp:	144088
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.8	103.2
85	55.3	43.1	64.7
99	61.6	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 55.746 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion:	69	Resp:	208013
Ion	Ratio	Lower	Upper
69	100		
41	66.9	50.0	75.0
39	33.0	27.6	41.4





#57

1,3-Dichloropropane

Concen: 53.718 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

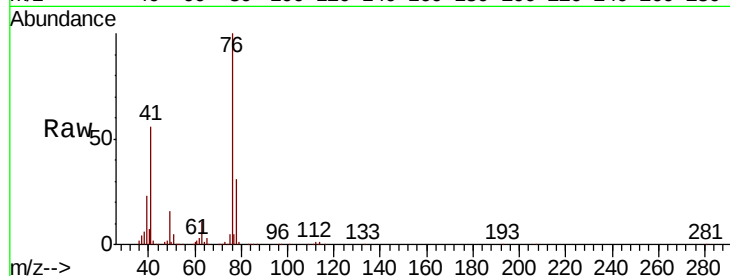
VSTDCCC050EC

Tot Ion: 76 Resp: 249985

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

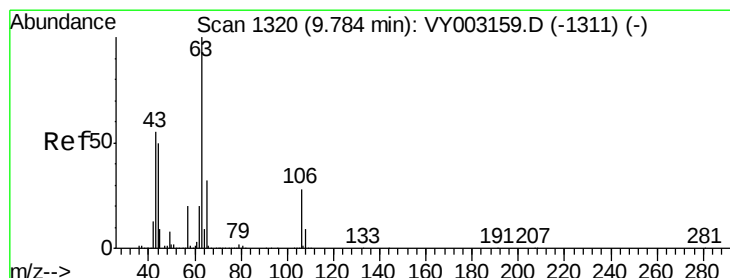
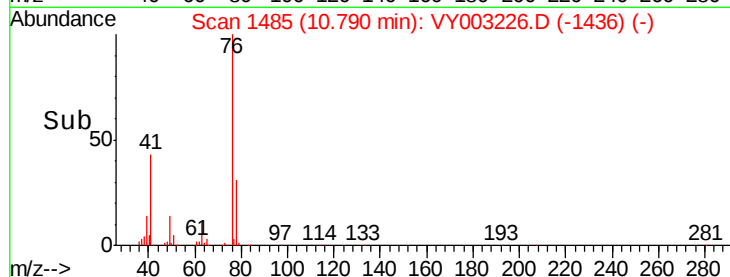
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 274.593 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003226.D

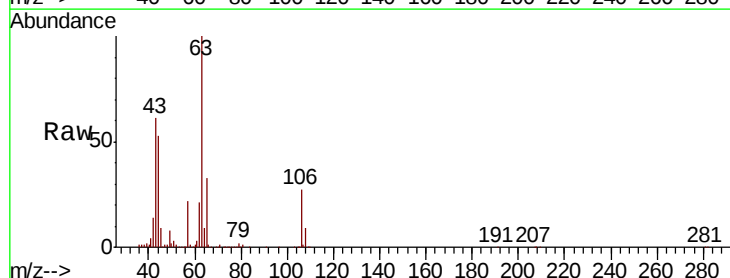
Acq: 16 Jul 2020 21:40

Tgt Ion: 63 Resp: 522556

Ion Ratio Lower Upper

63 100

106 27.1 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

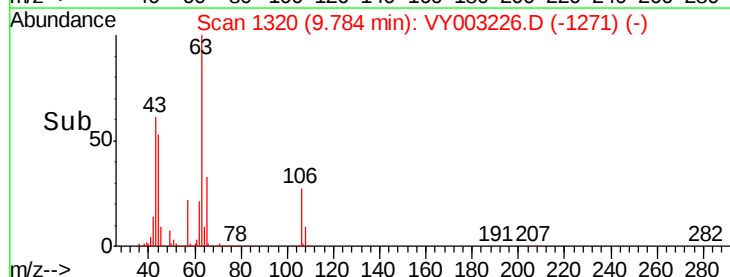
300000

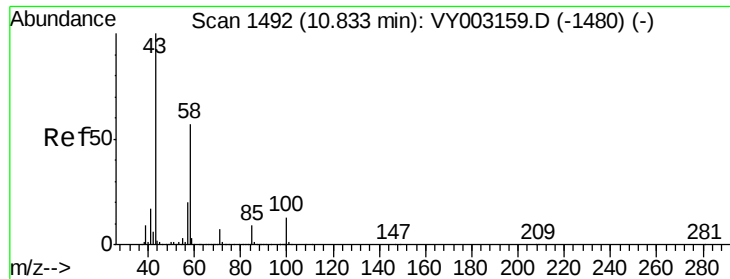
200000

100000

0

Time-->

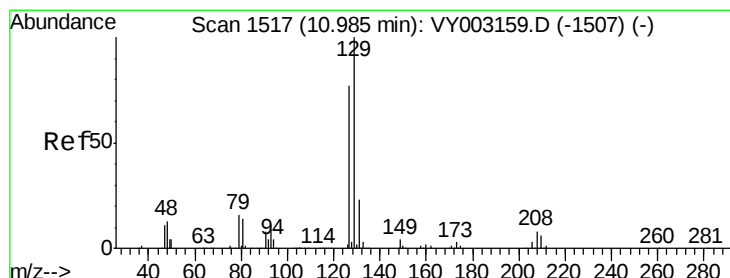
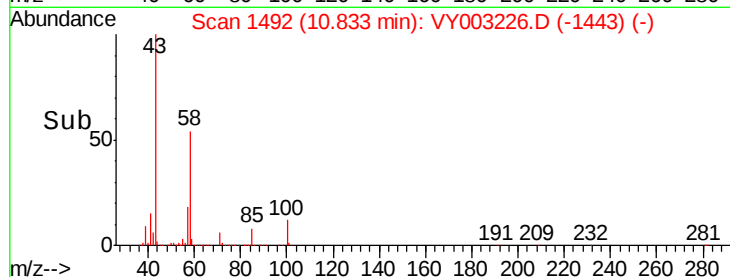
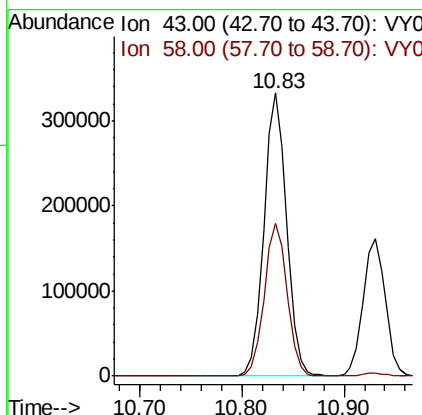
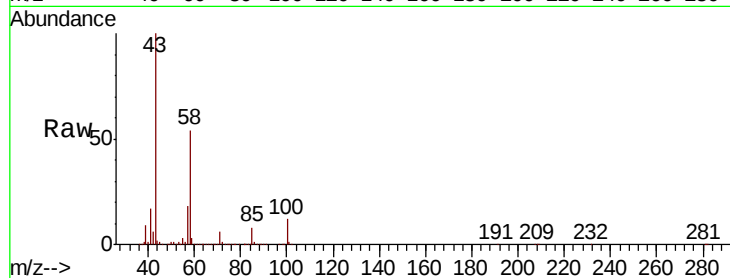




#59
2-Hexanone
Concen: 290.685 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

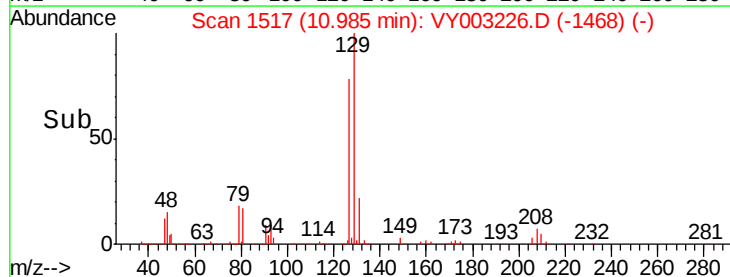
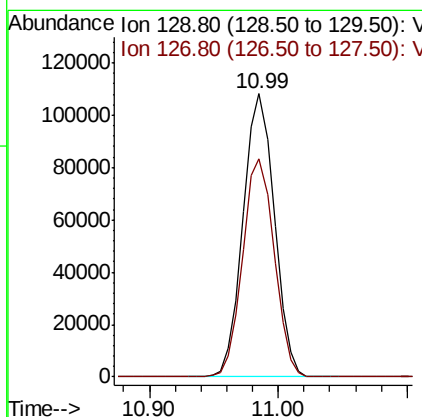
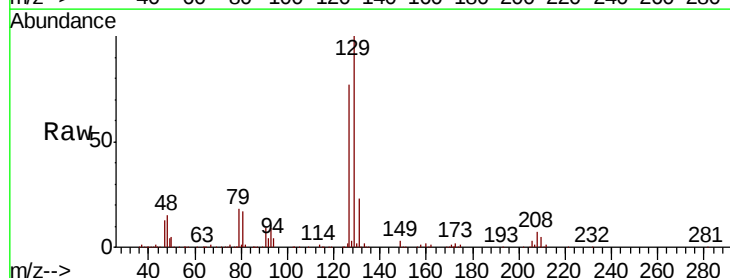
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

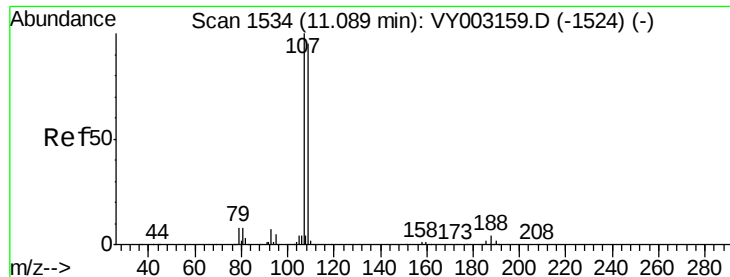
Tot Ion: 43 Resp: 511727
Ion Ratio Lower Upper
43 100
58 54.6 28.3 85.0



#60
Dibromochloromethane
Concen: 52.599 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 129 Resp: 181577
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.351 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

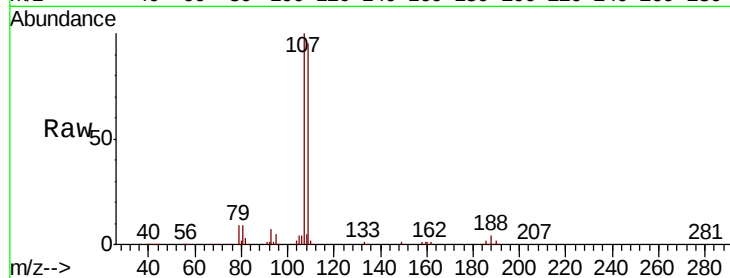
VSTDCCC050EC

Tot Ion:107 Resp: 136392

Ion Ratio Lower Upper

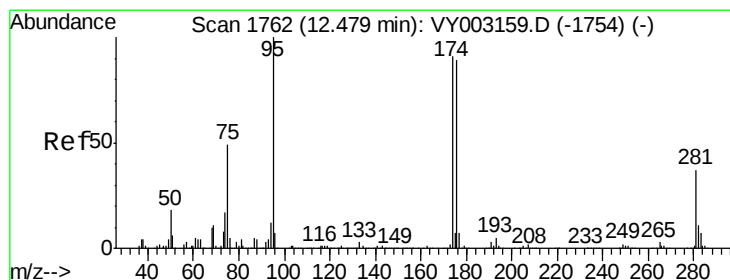
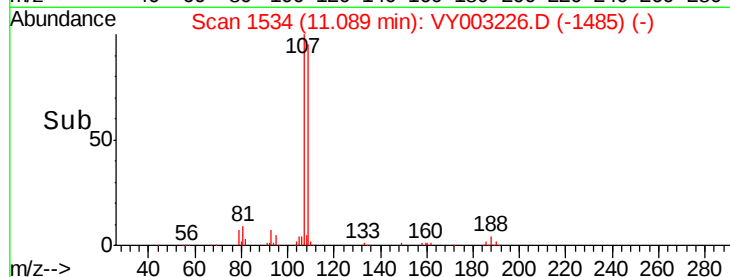
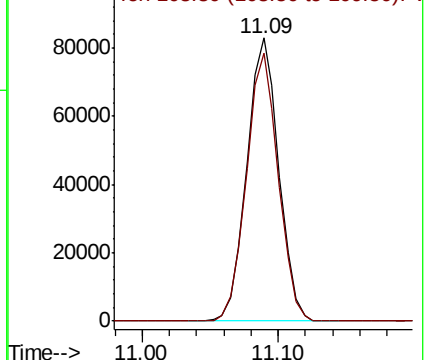
107 100

109 94.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.557 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

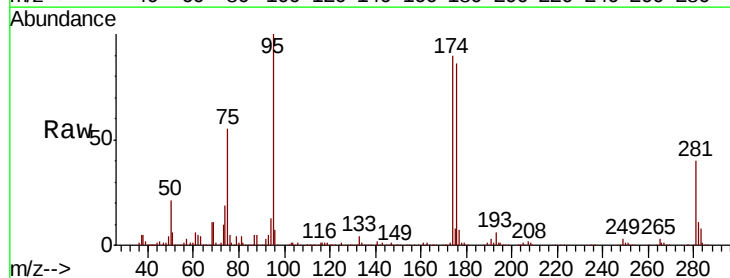
Tgt Ion: 95 Resp: 192742

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.6

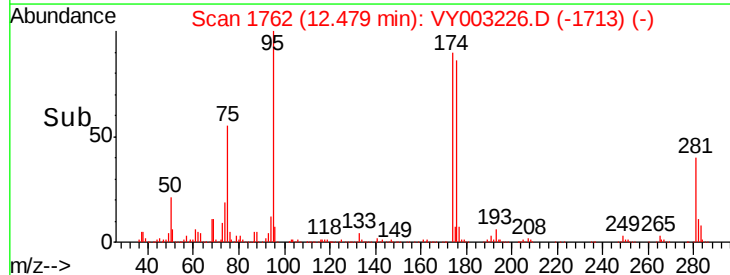
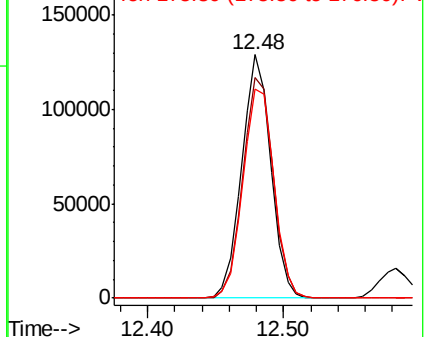
176 92.1 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

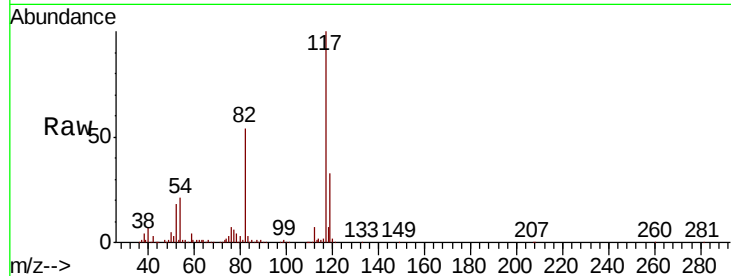




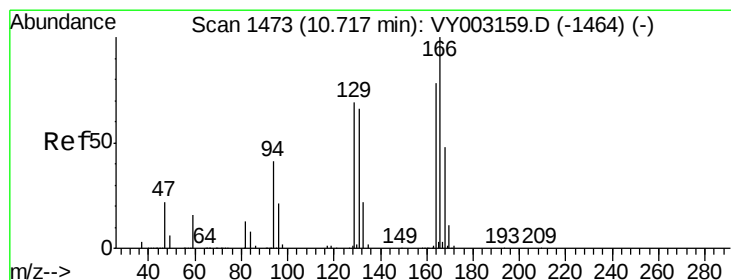
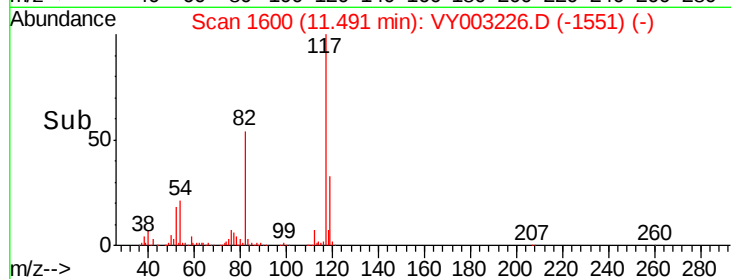
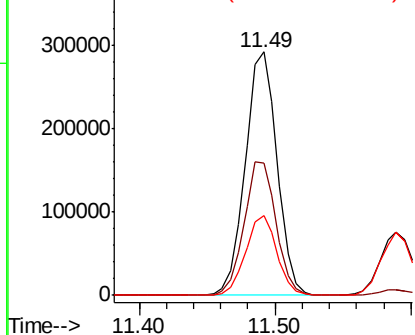
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 478862
Ion Ratio Lower Upper
117 100
82 54.2 42.0 63.0
119 32.7 25.5 38.3

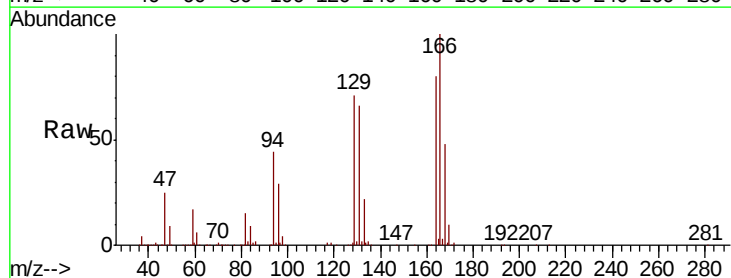


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

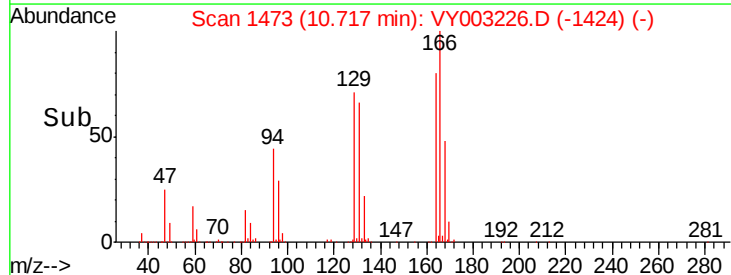
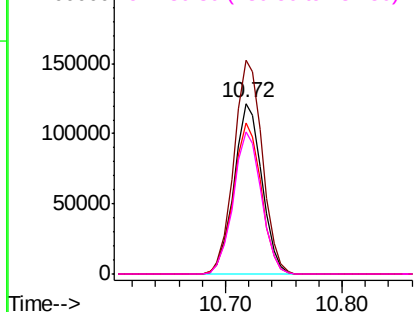


#64
Tetrachloroethene
Concen: 47.314 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion:164 Resp: 202016
Ion Ratio Lower Upper
164 100
166 125.0 102.9 154.3
129 88.4 71.4 107.2
131 83.1 68.1 102.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

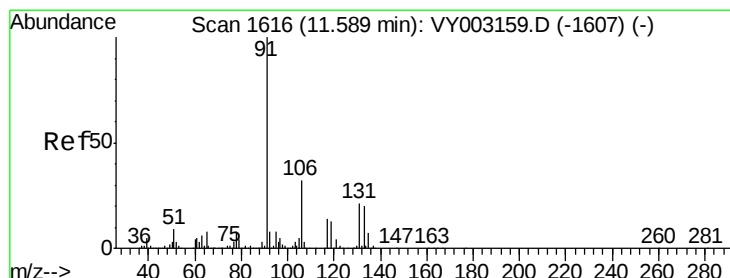
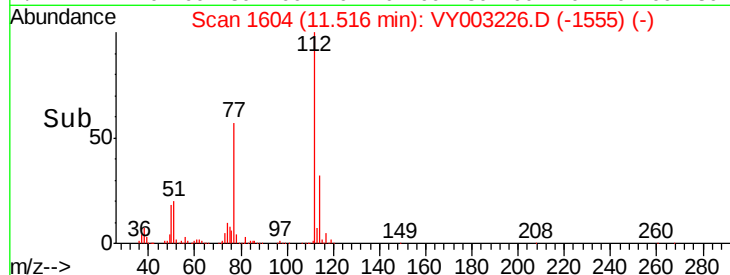
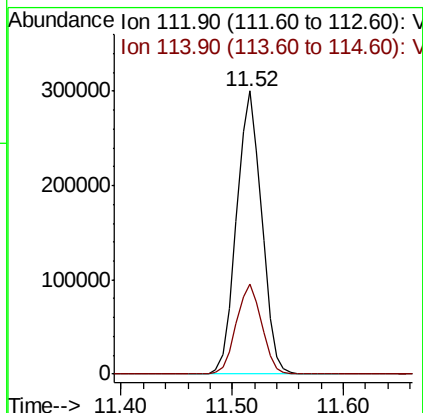
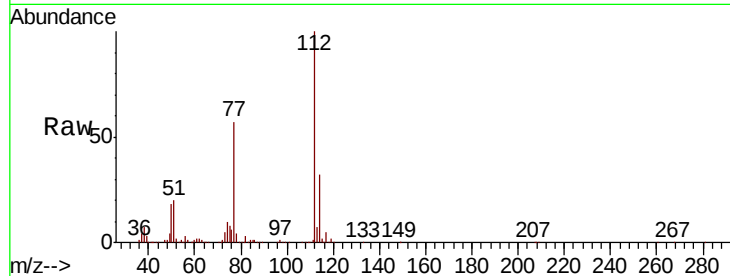




#65
Chlorobenzene
Concen: 50.804 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

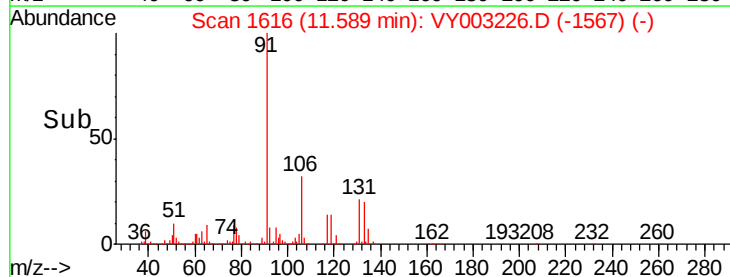
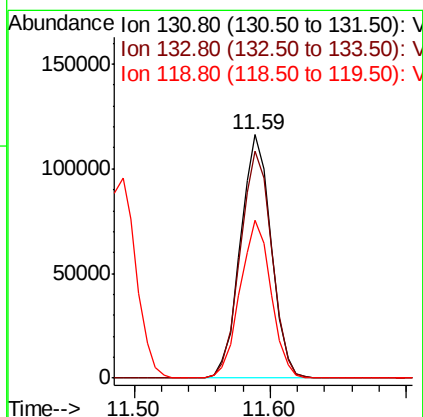
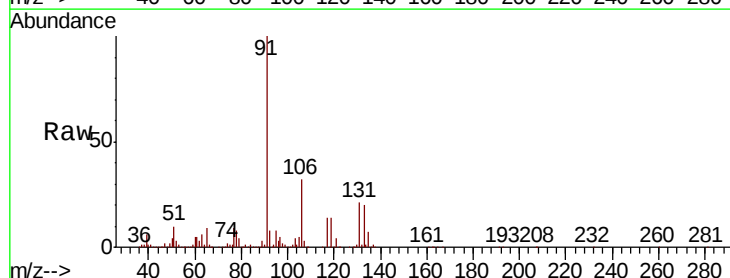
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

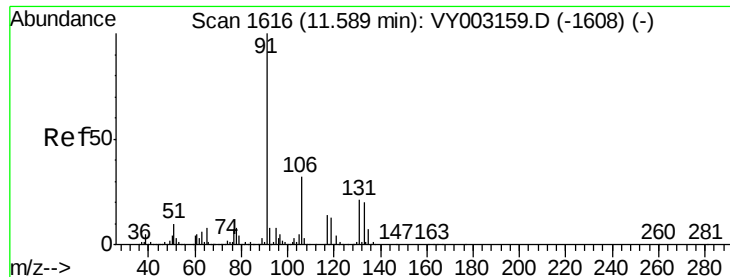
Tot Ion:112 Resp: 468672
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.304 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion:131 Resp: 183819
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 65.0 32.4 97.0





#67

Ethyl Benzene

Concen: 52.228 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

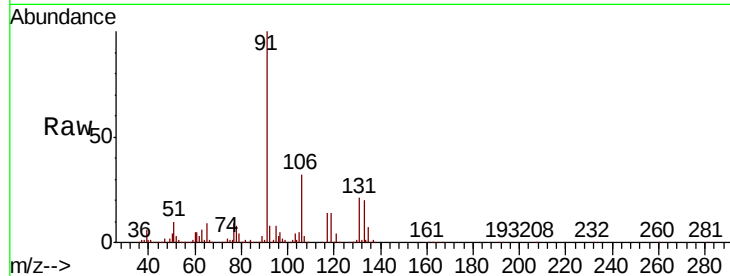
VSTDCCC050EC

Tot Ion: 91 Resp: 860267

Ion Ratio Lower Upper

91 100

106 32.0 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY003159.D (-1608) (-)

Ion 106.00 (105.70 to 106.70): VY003159.D (-1608) (-)

800000

600000

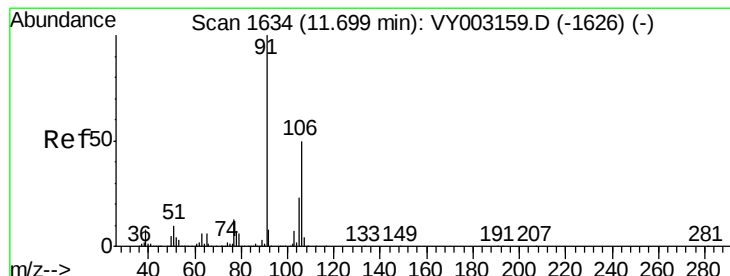
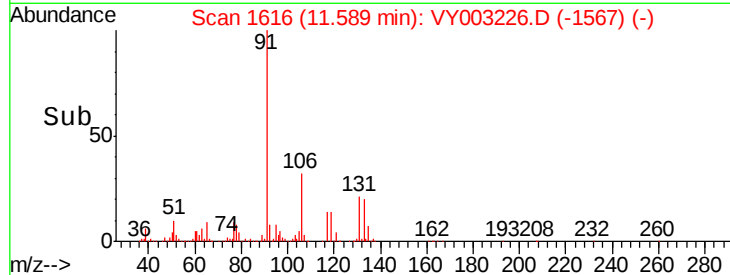
400000

200000

0

11.50 11.60

Time-->



#68

m/p-Xylenes

Concen: 101.923 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003226.D

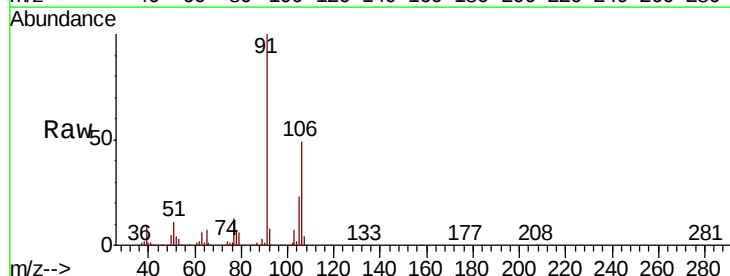
Acq: 16 Jul 2020 21:40

Tgt Ion: 106 Resp: 636981

Ion Ratio Lower Upper

106 100

91 202.2 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): VY003159.D (-1626) (-)

Ion 91.00 (90.70 to 91.70): VY003159.D (-1626) (-)

800000

600000

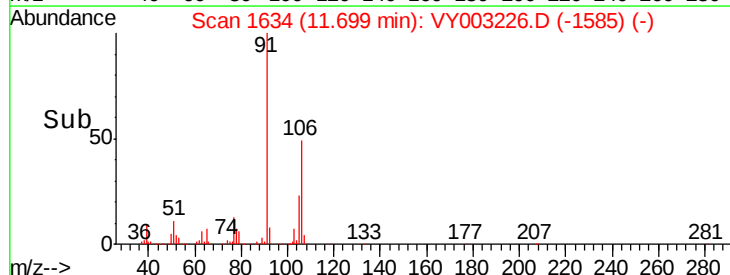
400000

200000

0

11.60 11.70 11.80

Time-->

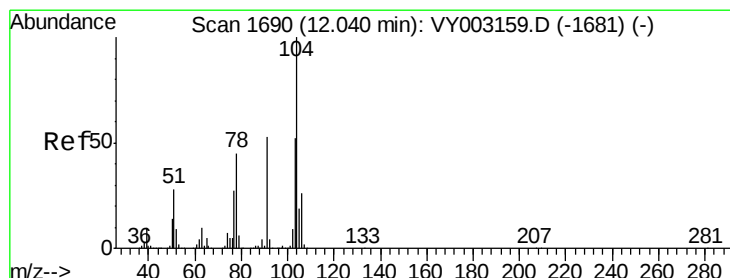
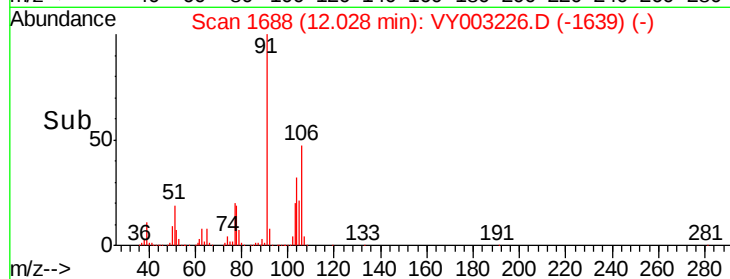
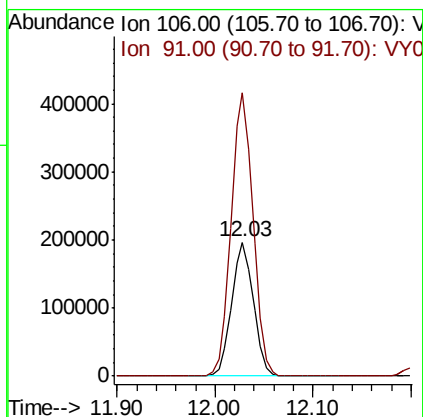
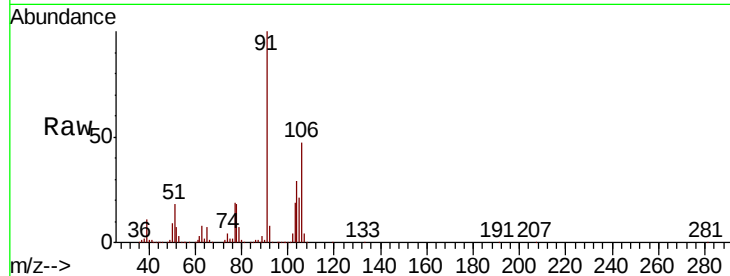




#69
o-Xylene
Concen: 51.621 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

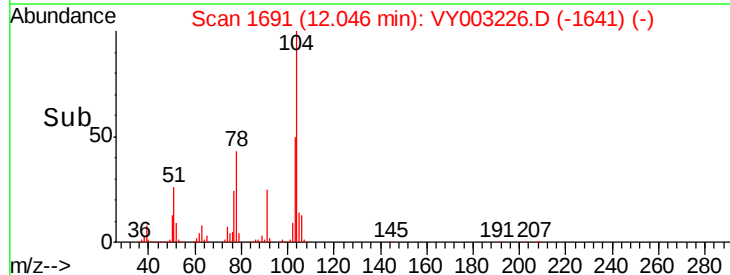
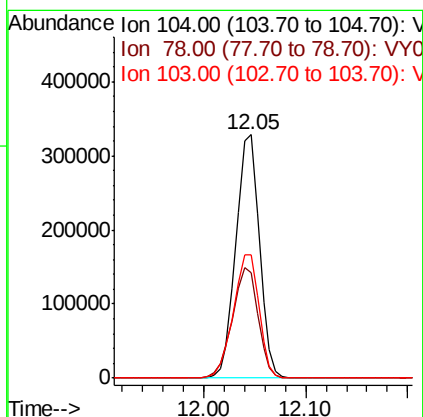
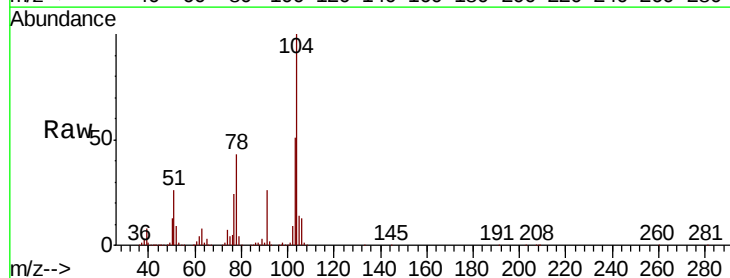
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

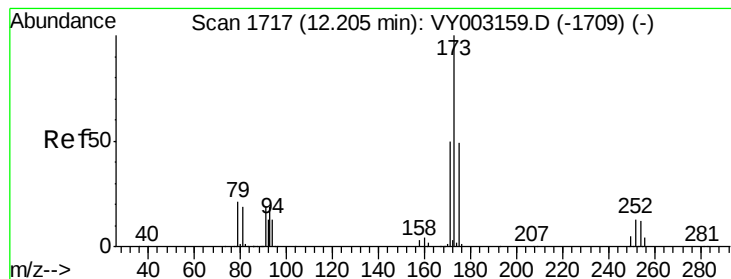
Tot Ion:106 Resp: 301391
Ion Ratio Lower Upper
106 100
91 214.3 105.1 315.1



#70
Styrene
Concen: 52.358 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion:104 Resp: 522939
Ion Ratio Lower Upper
104 100
78 49.6 38.5 57.7
103 55.5 43.9 65.9





#71

Bromoform

Concen: 50.617 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

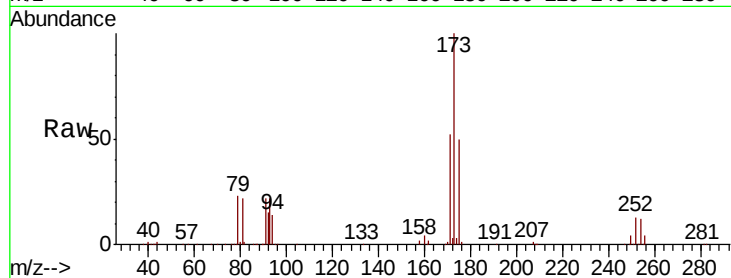
Tot Ion:173 Resp: 119030

Ion Ratio Lower Upper

173 100

175 48.9 24.3 73.0

254 0.1 0.2 0.2#

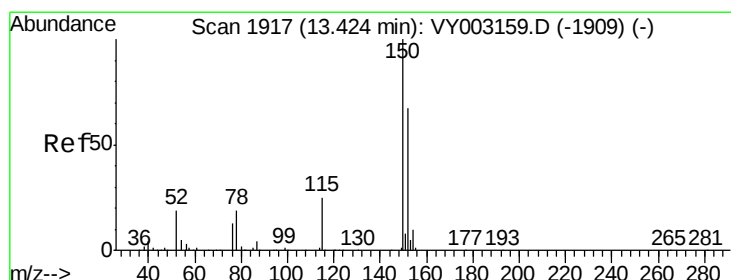
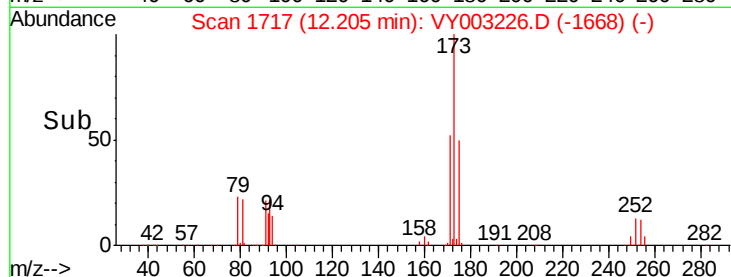
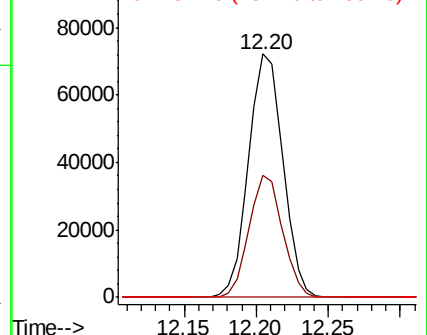


Abundance

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: VY003226.D

Acq: 16 Jul 2020 21:40

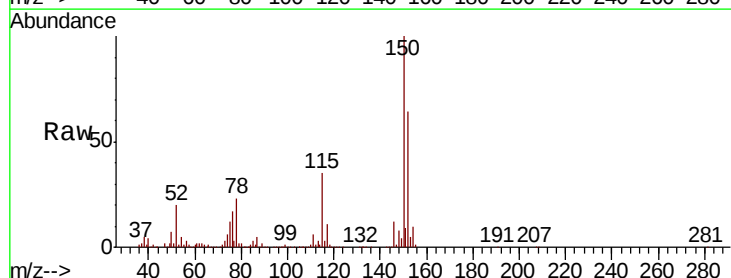
Tgt Ion:152 Resp: 249816

Ion Ratio Lower Upper

152 100

115 55.1 26.9 80.7

150 172.9 0.0 338.0

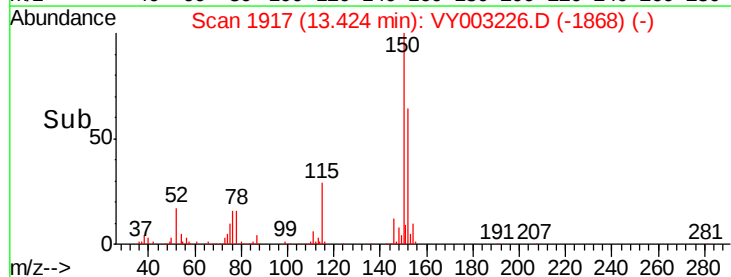
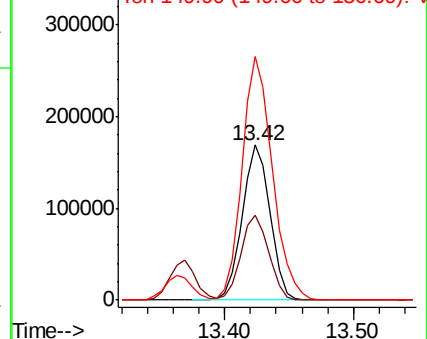


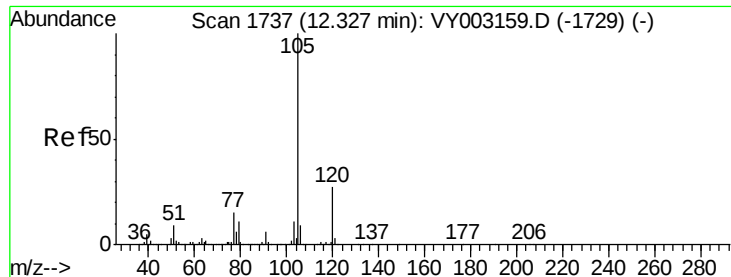
Abundance

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: 51.990 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

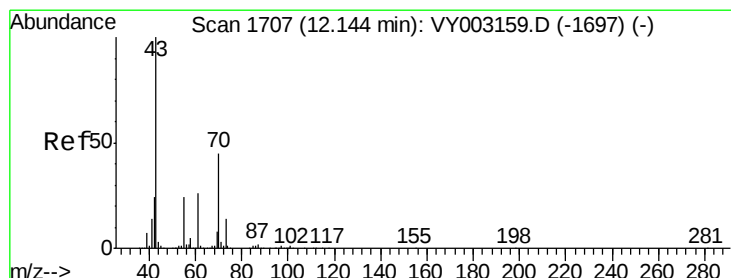
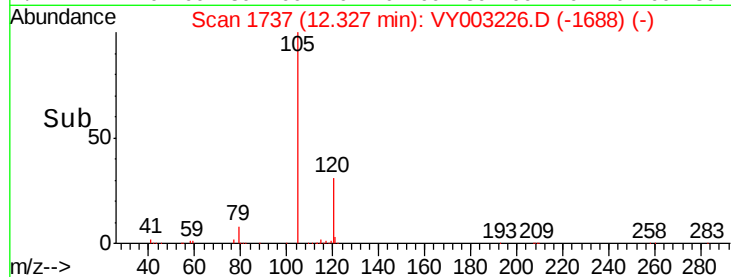
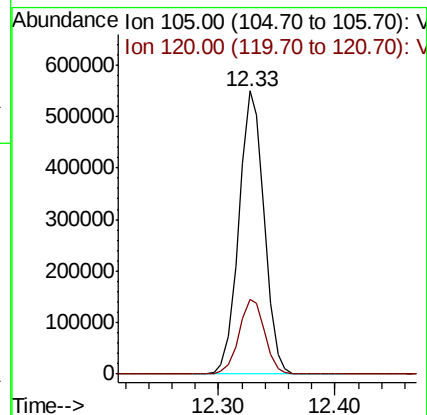
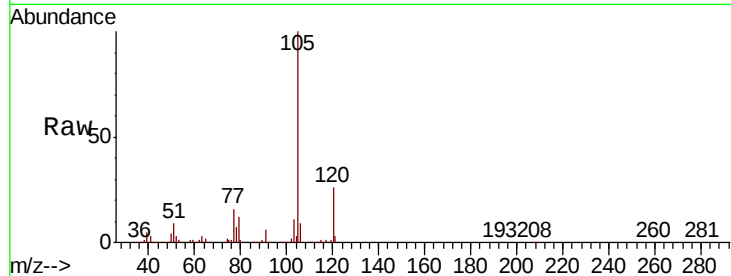
VSTDCCC050EC

Tot Ion:105 Resp: 827675

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 58.262 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion: 43 Resp: 260254

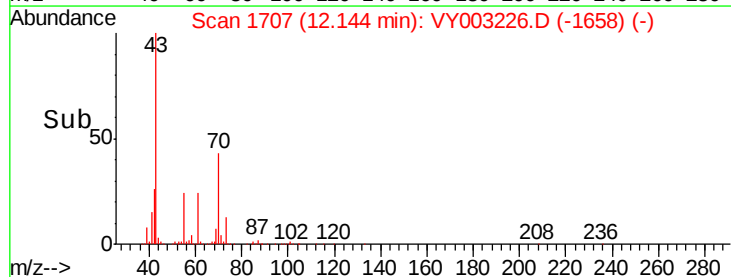
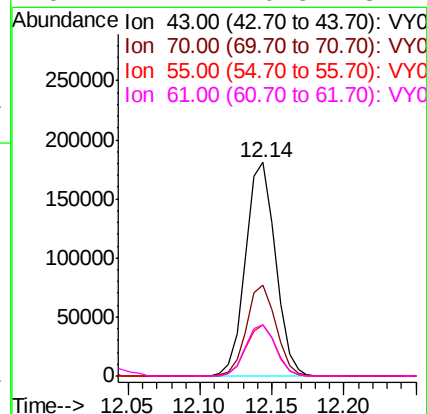
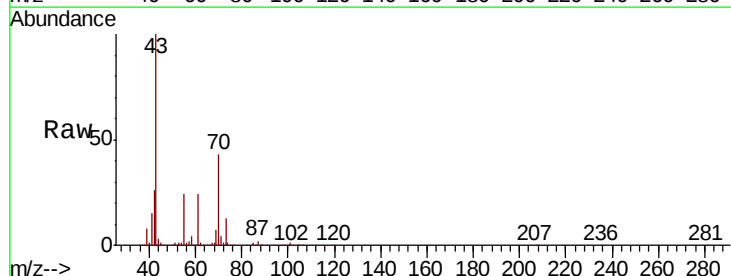
Ion Ratio Lower Upper

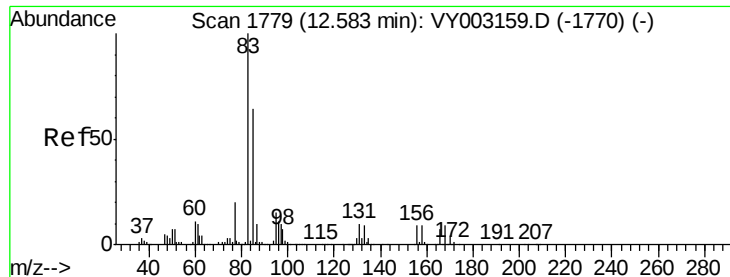
43 100

70 41.9 35.6 53.4

55 23.9 19.4 29.2

61 24.2 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.354 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

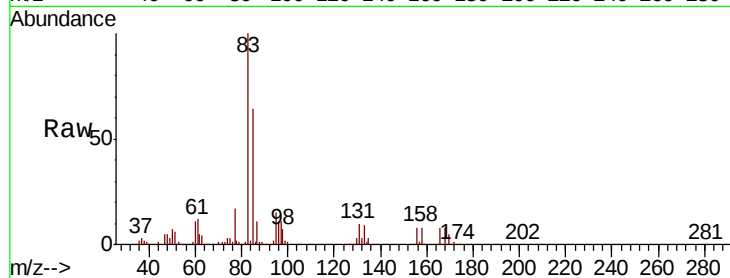
Tot Ion: 83 Resp: 164048

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

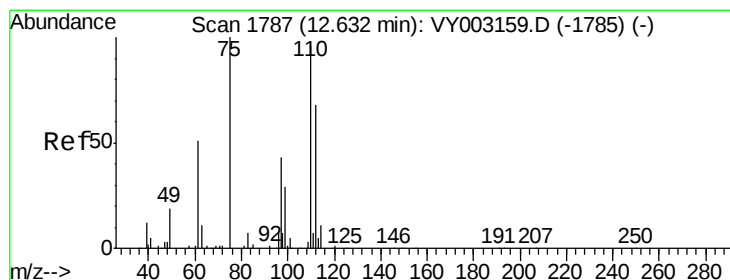
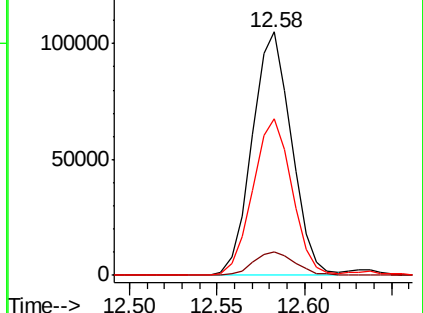
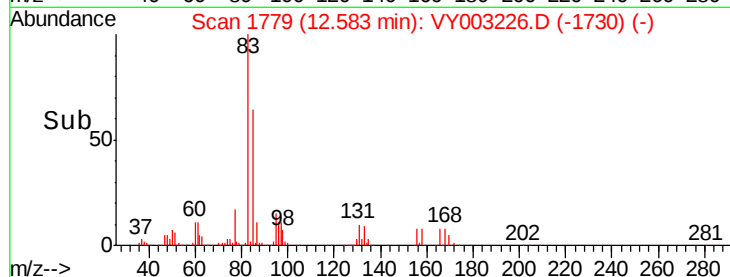
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY003226.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY003226.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY003226.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 100.559 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003226.D

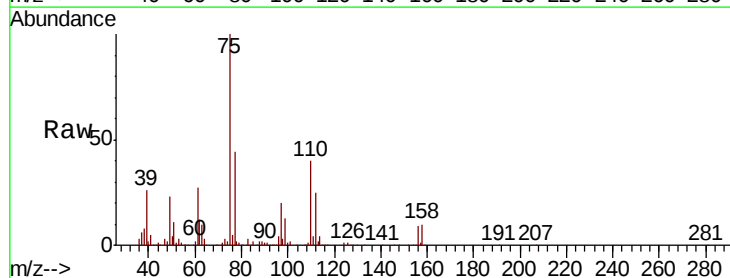
Acq: 16 Jul 2020 21:40

Tgt Ion: 75 Resp: 222367

Ion Ratio Lower Upper

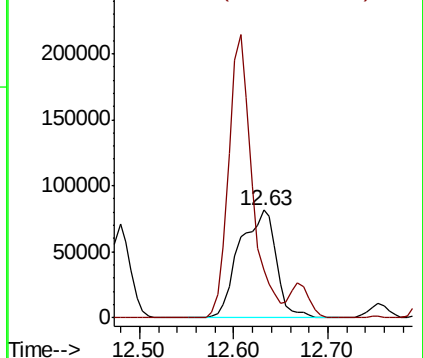
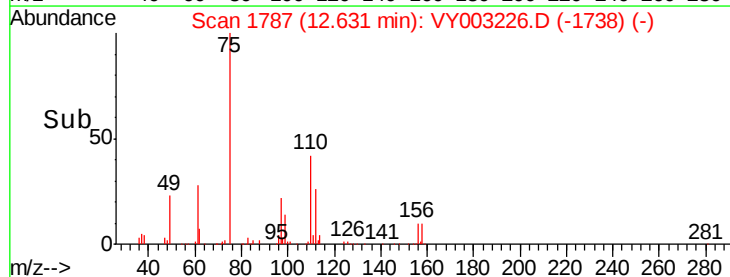
75 100

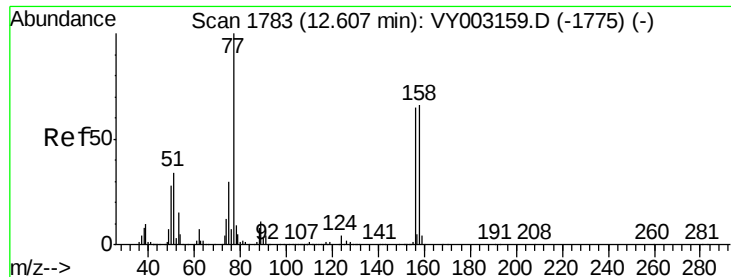
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY003226.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY003226.D (-1738) (-)





#77

Bromobenzene

Concen: 51.083 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

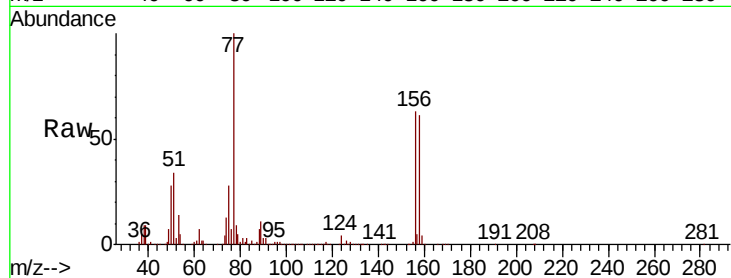
Tot Ion:156 Resp: 207298

Ion Ratio Lower Upper

156 100

77 180.0 86.6 259.7

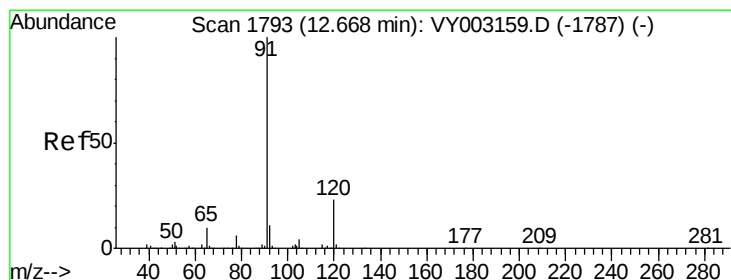
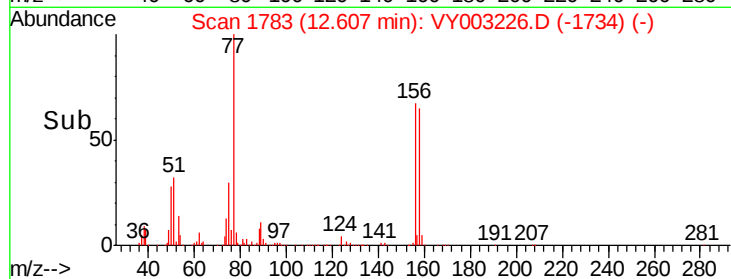
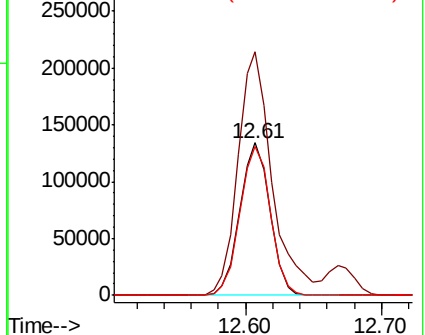
158 99.1 49.4 148.0



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: 53.408 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003226.D

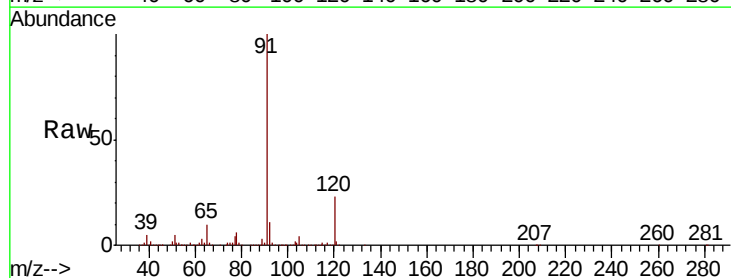
Acq: 16 Jul 2020 21:40

Tgt Ion: 91 Resp: 1002233

Ion Ratio Lower Upper

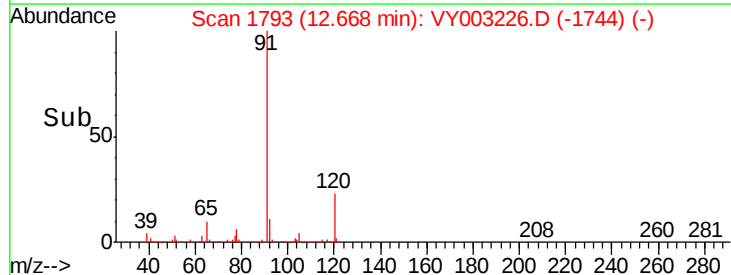
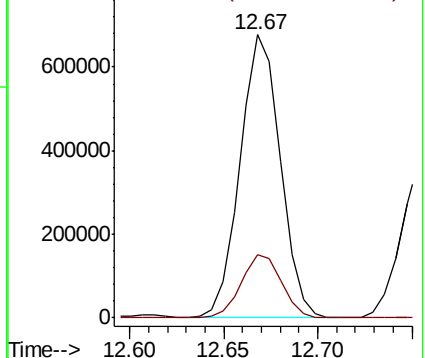
91 100

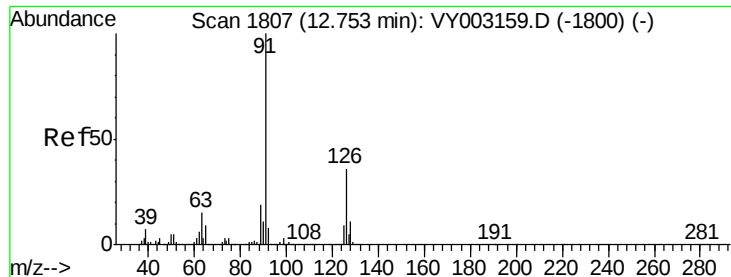
120 22.6 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

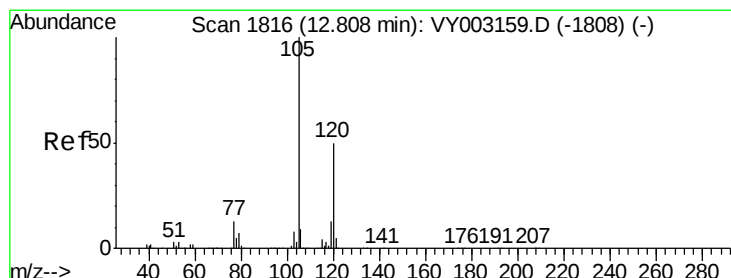
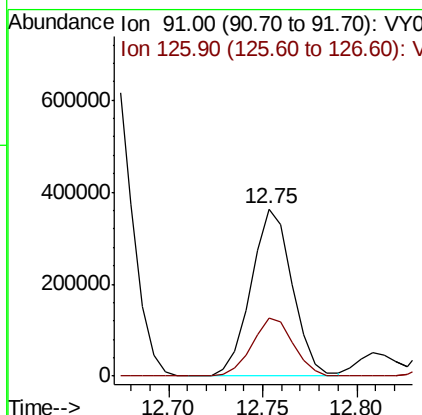
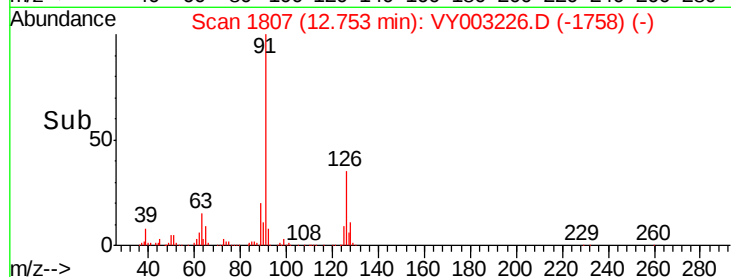
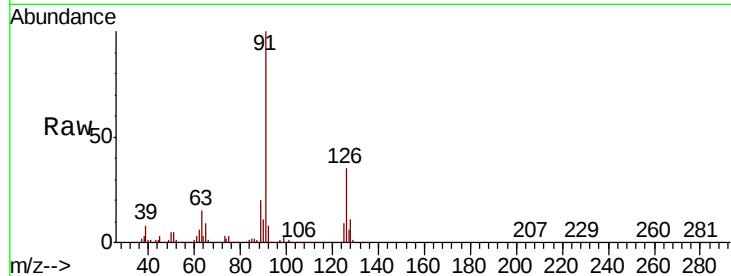




#79
 2-Chlorotoluene
 Concen: 52.820 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

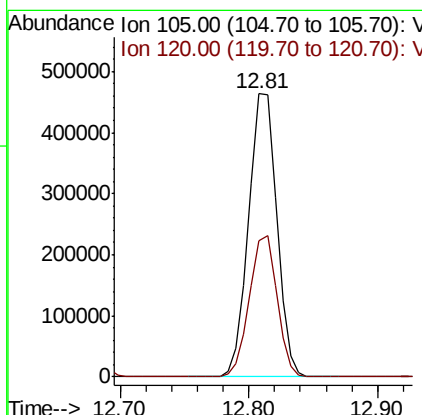
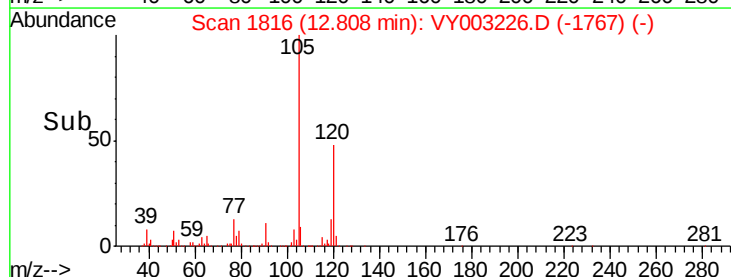
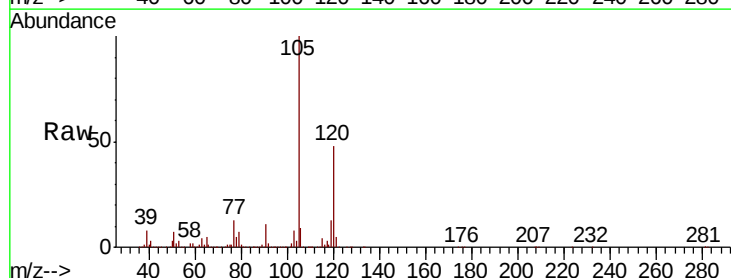
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

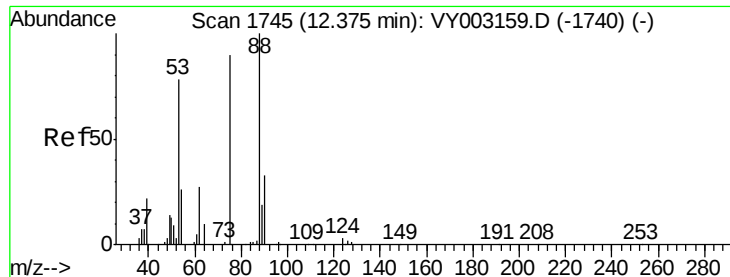
Tot Ion: 91 Resp: 553030
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 52.641 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion: 105 Resp: 698472
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 52.135 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

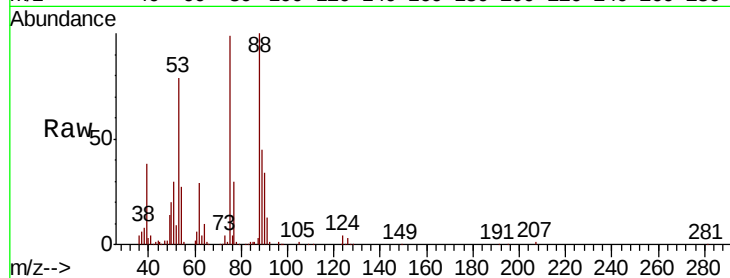
Tot Ion: 75 Resp: 59237

Ion Ratio Lower Upper

75 100

53 88.3 72.0 108.0

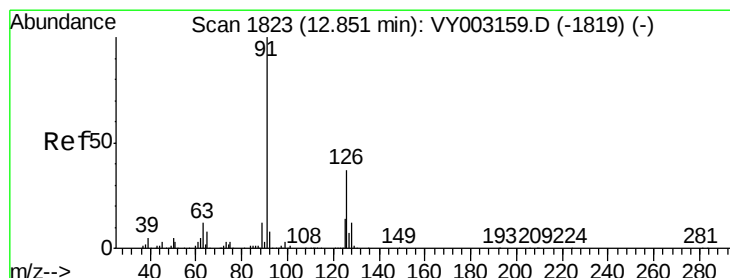
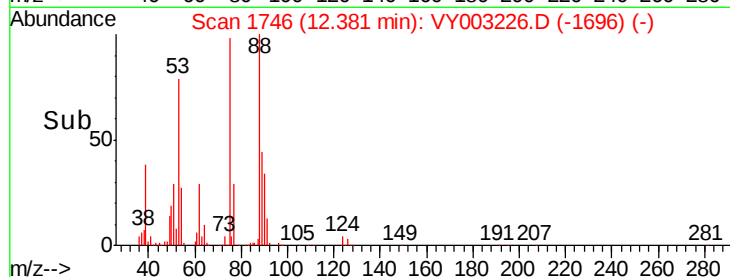
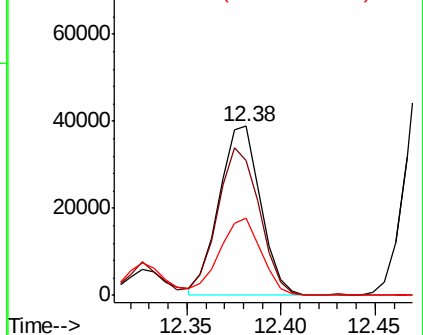
89 46.2 37.3 55.9



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: 52.329 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003226.D

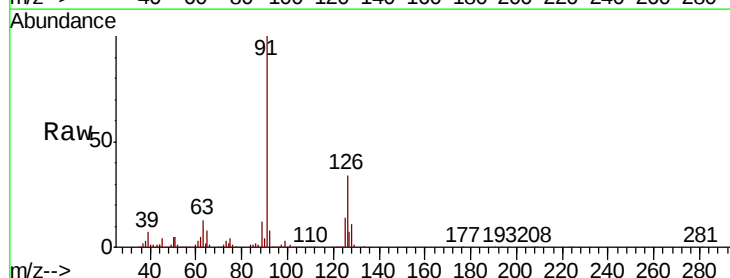
Acq: 16 Jul 2020 21:40

Tgt Ion: 91 Resp: 571855

Ion Ratio Lower Upper

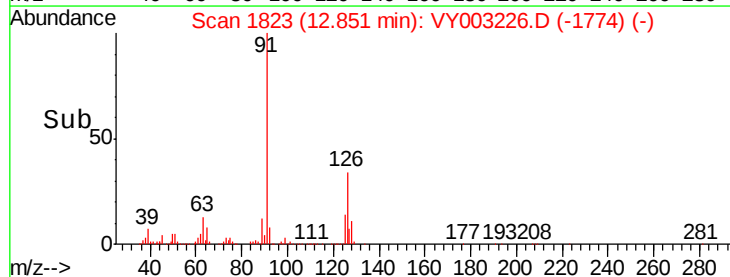
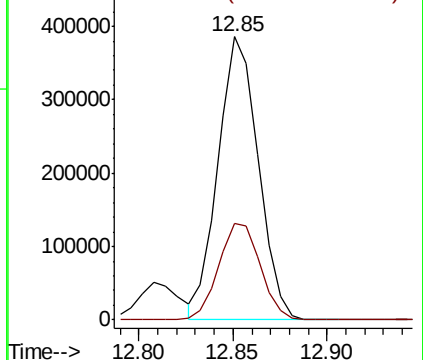
91 100

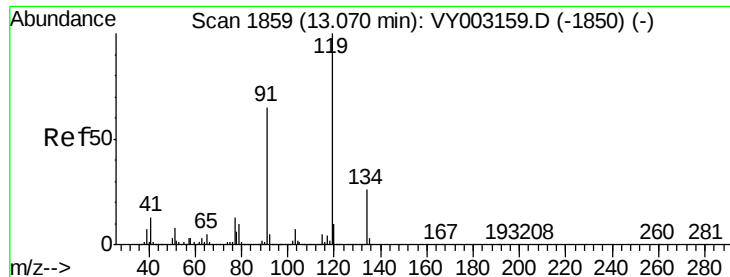
126 35.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.869 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

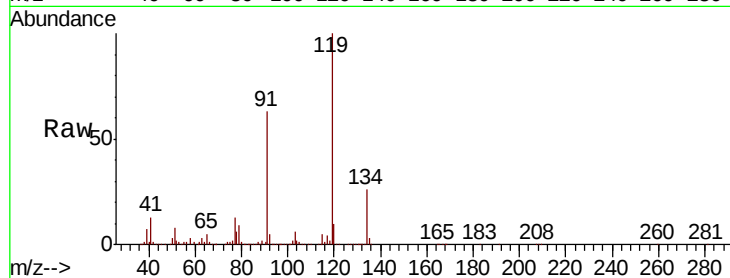
Tot Ion:119 Resp: 618979

Ion Ratio Lower Upper

119 100

91 62.9 30.8 92.4

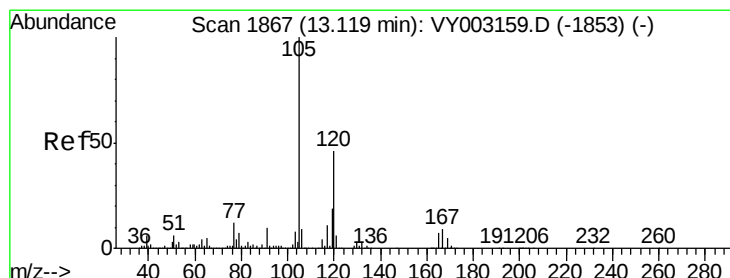
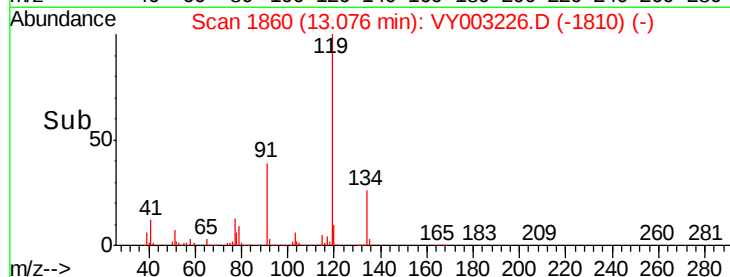
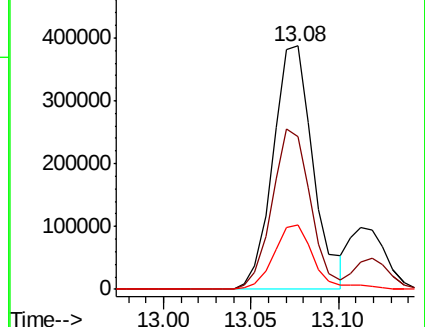
134 26.5 13.2 39.6



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: 52.896 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003226.D

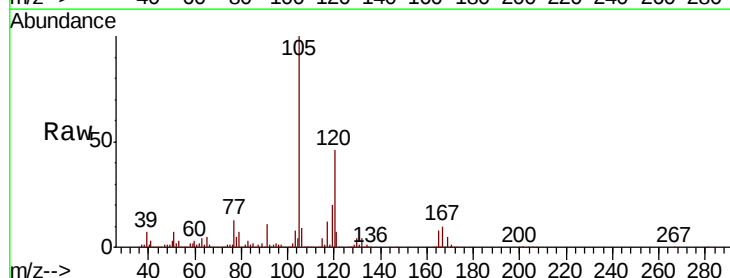
Acq: 16 Jul 2020 21:40

Tgt Ion:105 Resp: 706178

Ion Ratio Lower Upper

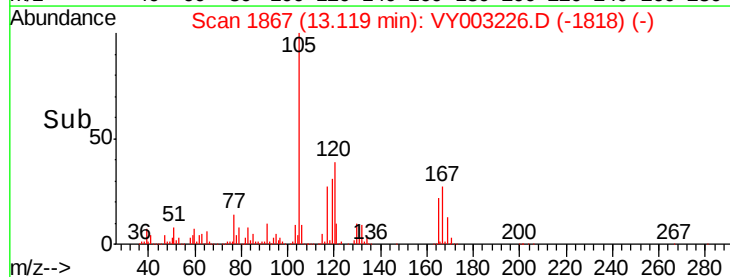
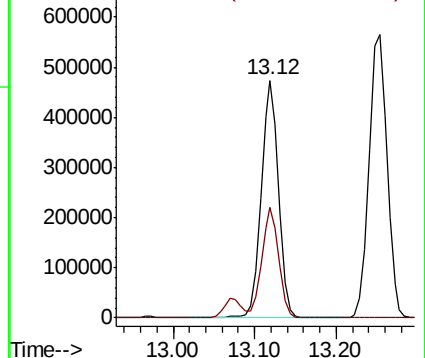
105 100

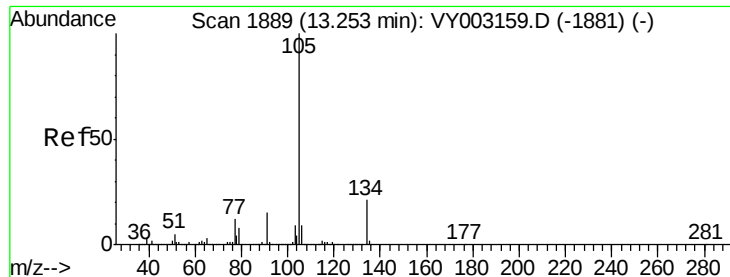
120 45.6 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.688 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :

MSVOA_Y

ClientSampleId :

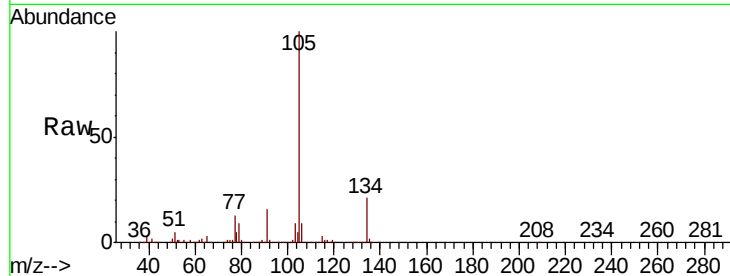
VSTDCCC050EC

Tot Ion:105 Resp: 847837

Ion Ratio Lower Upper

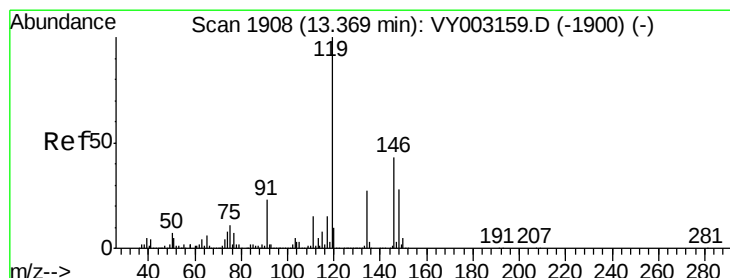
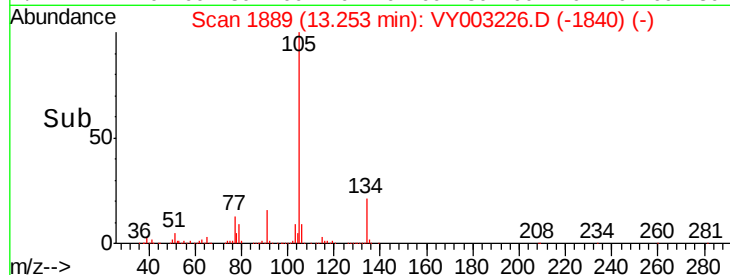
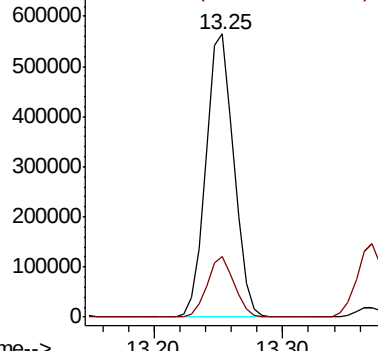
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.200 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

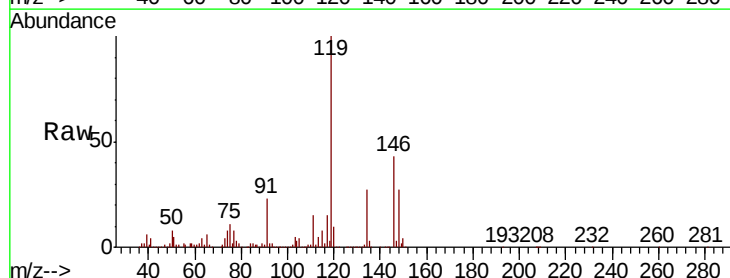
Tgt Ion:119 Resp: 784298

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

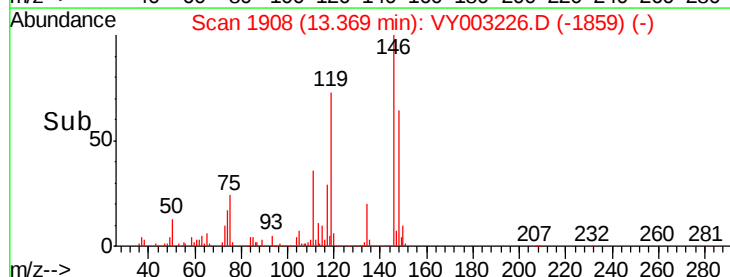
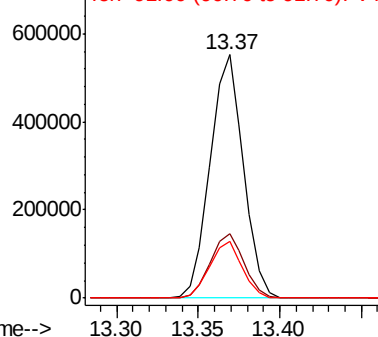
91 22.9 11.2 33.6

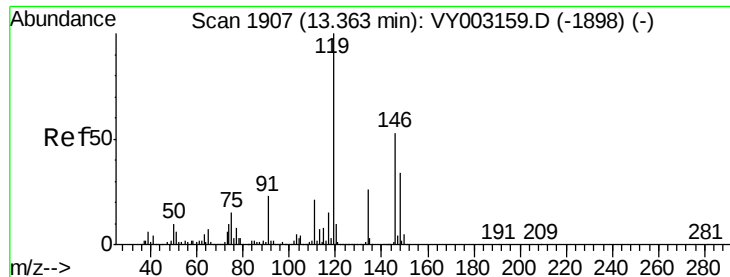


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 51.094 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

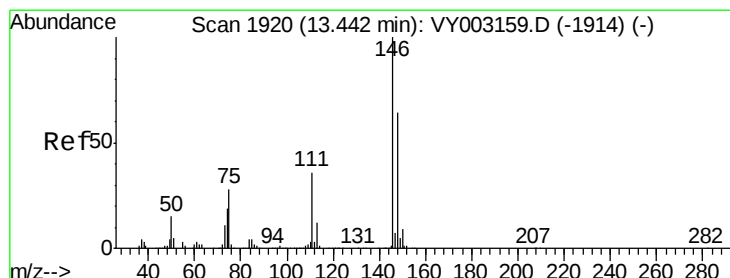
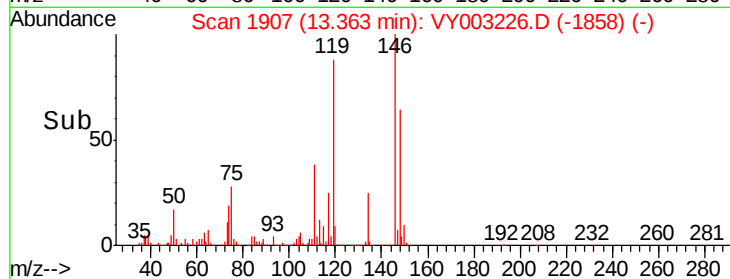
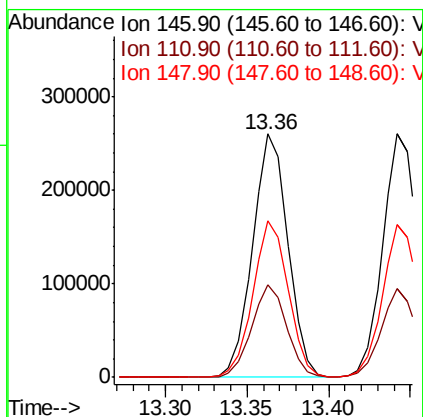
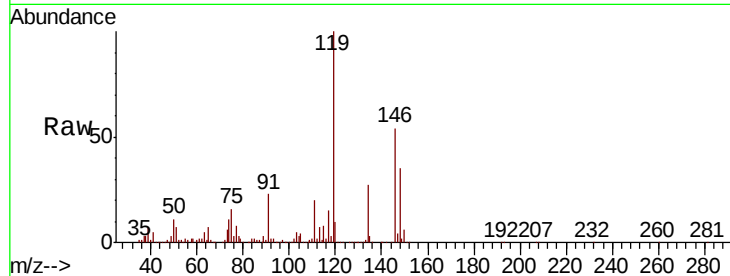
Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 392089

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.3
148	64.2	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 51.232 ug/l

RT: 13.44 min Scan# 1920

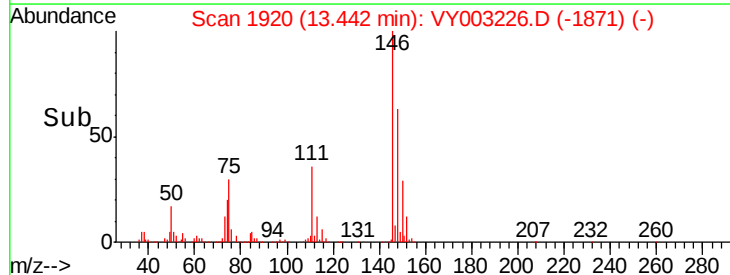
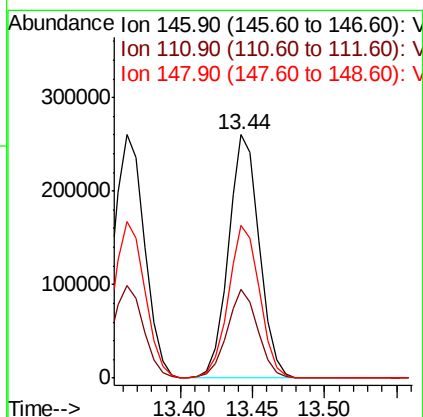
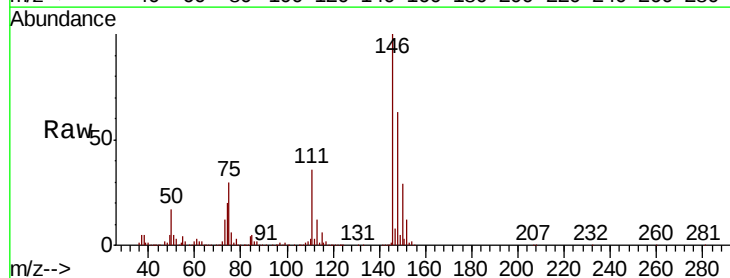
Delta R.T. -0.00 min

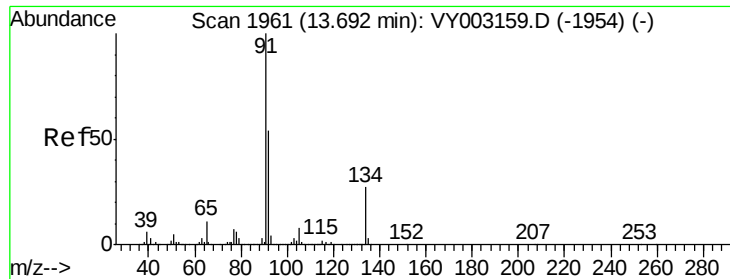
Lab File: VY003226.D

Acq: 16 Jul 2020 21:40

Tgt Ion:146 Resp: 389238

Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	63.7	32.0	96.0

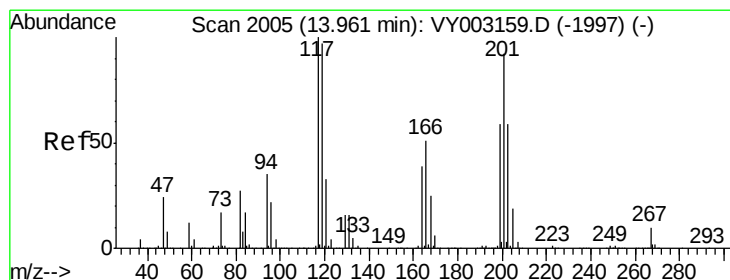
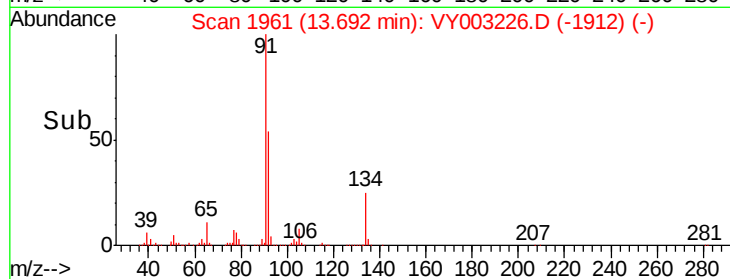
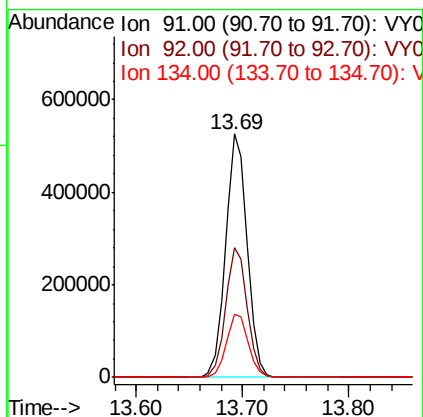
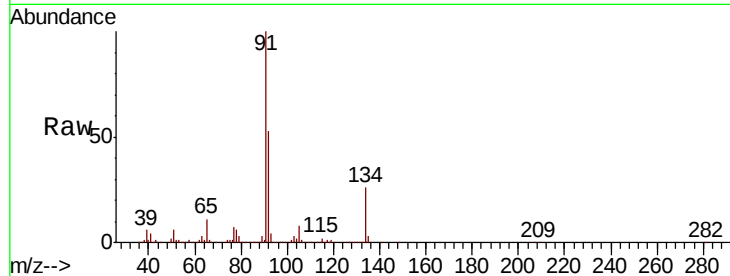




#89
n-Butylbenzene
Concen: 52.618 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

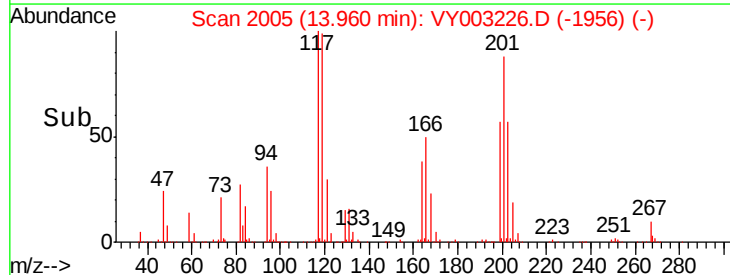
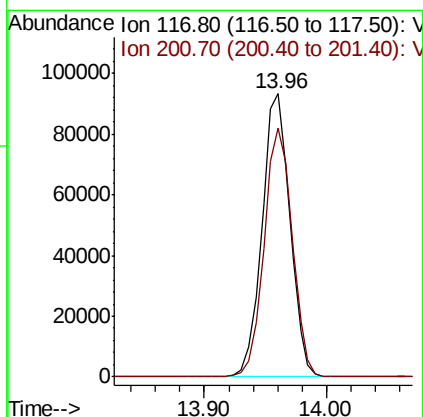
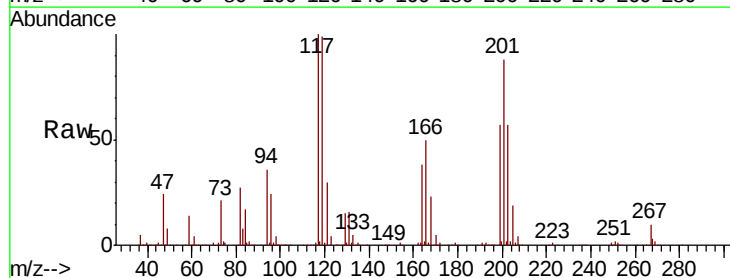
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

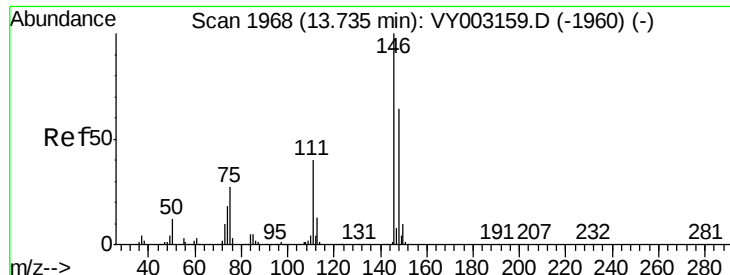
Tot Ion: 91 Resp: 743624
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 26.3 13.6 40.7



#90
Hexachloroethane
Concen: 54.235 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion: 117 Resp: 148395
Ion Ratio Lower Upper
117 100
201 88.3 45.1 135.3

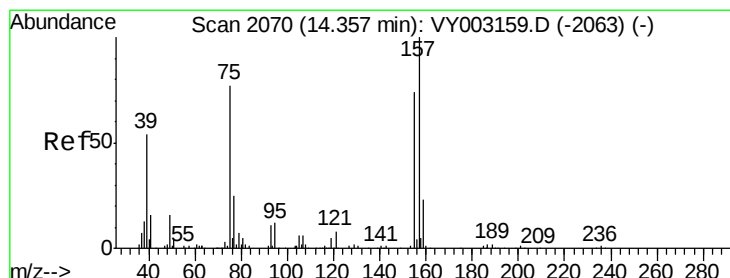
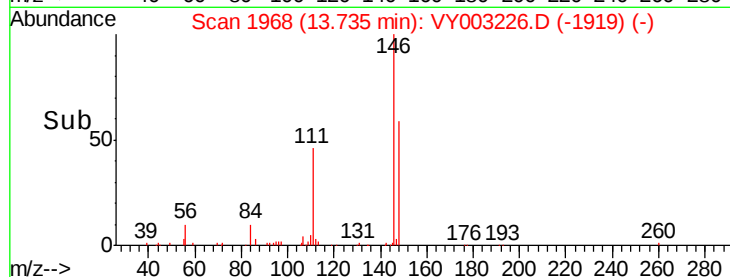
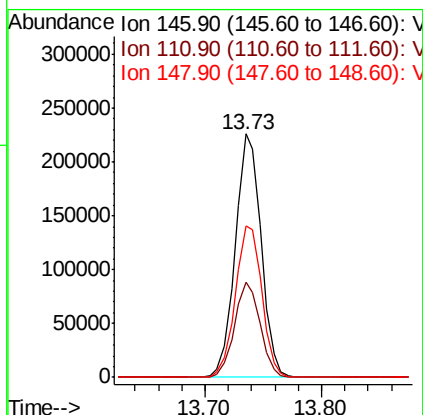
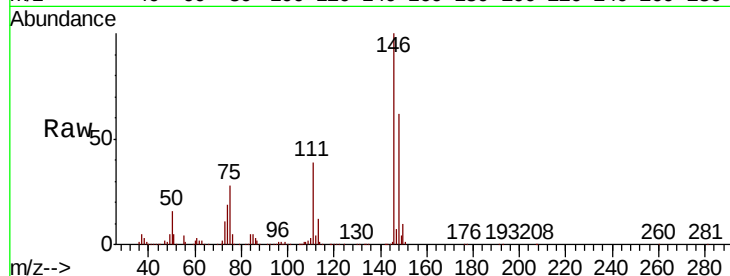




#91
 1,2-Dichlorobenzene
 Concen: 51.686 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

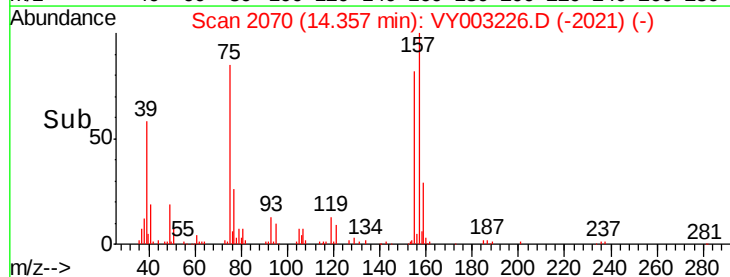
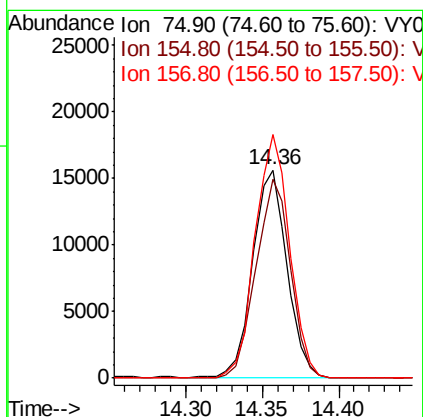
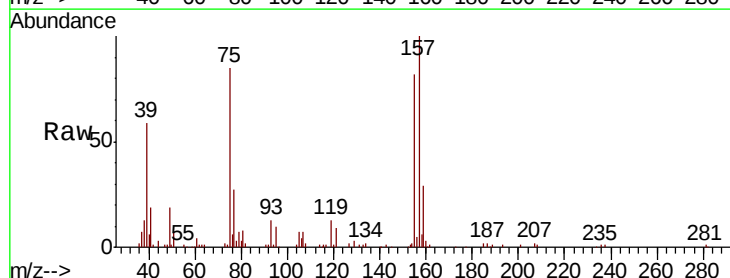
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

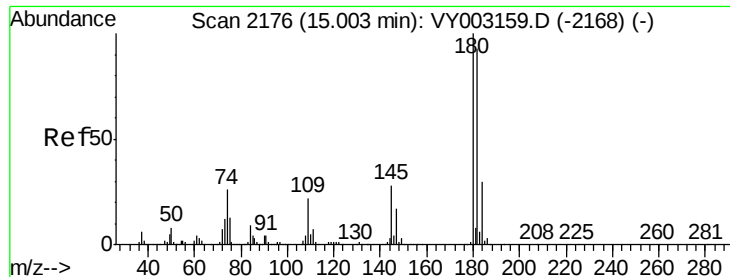
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	64.0	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.182 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.1	144.3
157	117.0	61.9	185.6

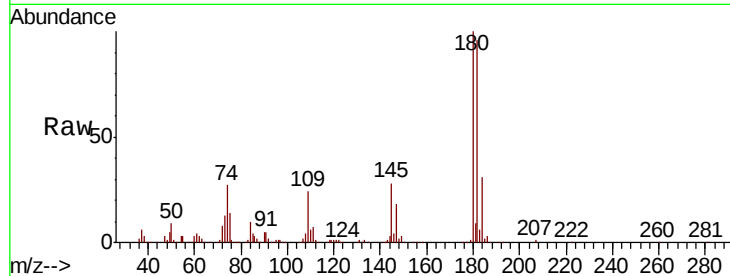




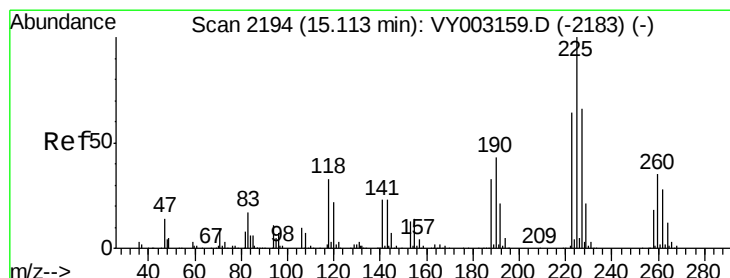
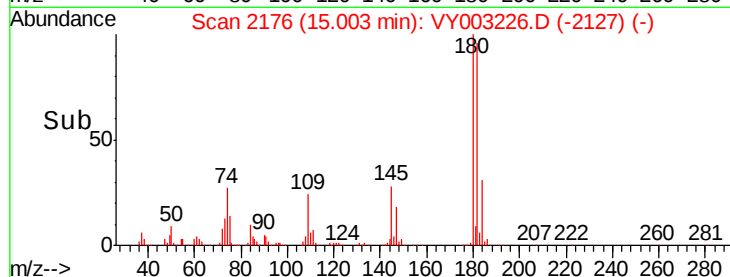
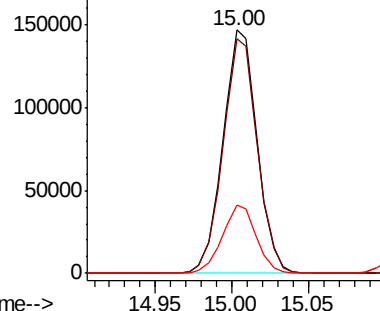
#93
 1,2,4-Trichlorobenzene
 Concen: 47.561 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 227862
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.3 142.0
 145 27.8 13.7 41.1

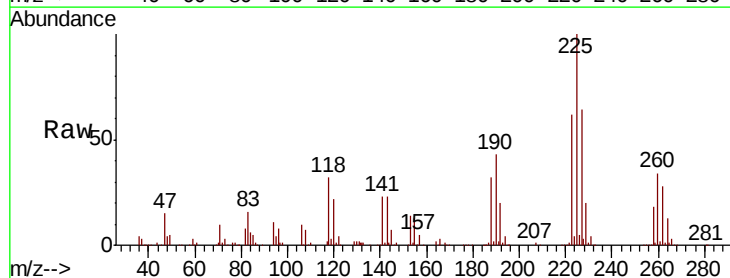


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

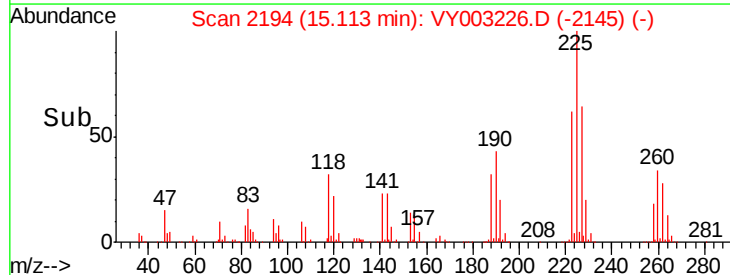
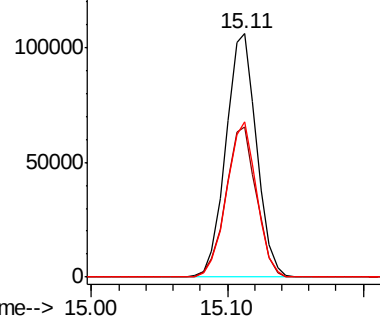


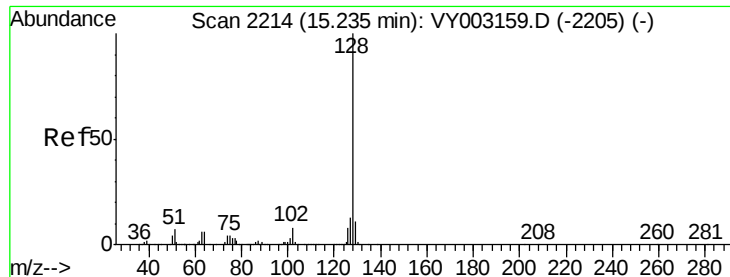
#94
 Hexachlorobutadiene
 Concen: 51.021 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003226.D
 Acq: 16 Jul 2020 21:40

Tgt Ion:225 Resp: 167490
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 94.7
 227 62.4 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

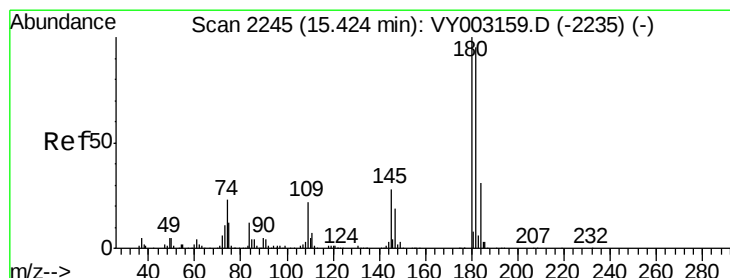
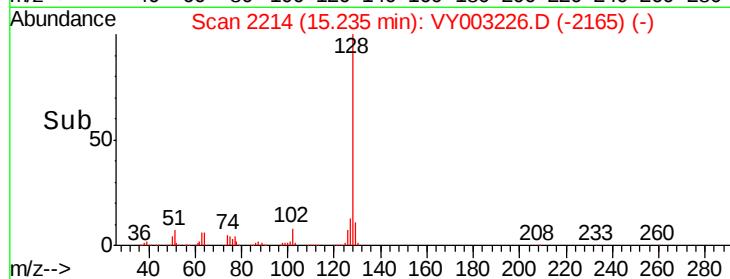
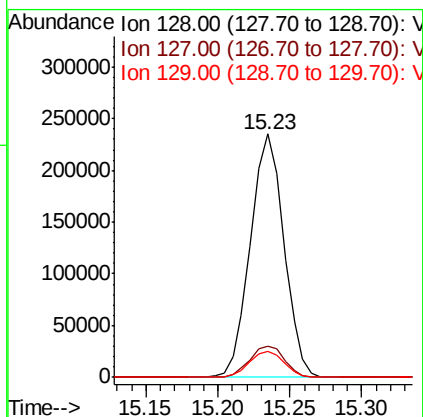
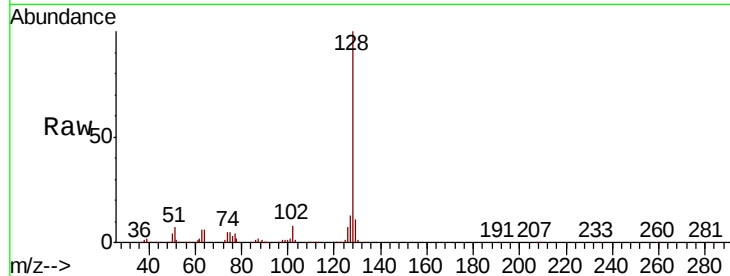




#95
Naphthalene
Concen: 47.951 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 379667
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 11.0 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 46.007 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003226.D
Acq: 16 Jul 2020 21:40

Tgt Ion:180 Resp: 174235
Ion Ratio Lower Upper
180 100
182 95.7 48.8 146.3
145 29.4 14.9 44.5

