

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003032.D
 Acq On : 30 Jun 2020 13:50
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Quant Time: Jul 01 05:11:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	503663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	732012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	663648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	354220	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	256915	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
35) Dibromofluoromethane	7.72	113	248296	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
50) Toluene-d8	10.18	98	931410	54.75	ug/l	0.00
Spiked Amount			Recovery	=	109.50%	
62) 4-Bromofluorobenzene	12.48	95	327117	54.63	ug/l	0.00
Spiked Amount			Recovery	=	109.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	70675	18.529	ug/l	99
3) Chloromethane	2.12	50	93478	16.735	ug/l	99
4) Vinyl Chloride	2.26	62	109087	20.021	ug/l	99
5) Bromomethane	2.65	94	76789	20.757	ug/l	97
6) Chloroethane	2.80	64	69526	20.059	ug/l	99
7) Trichlorofluoromethane	3.13	101	151017	19.638	ug/l	97
8) Diethyl Ether	3.53	74	49910	18.932	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	94853	20.657	ug/l	99
10) Methyl Iodide	4.10	142	116113	20.393	ug/l	97
11) Tert butyl alcohol	4.97	59	52394	102.773	ug/l	98
12) 1,1-Dichloroethene	3.88	96	88572	20.273	ug/l	88
13) Acrolein	3.74	56	43787	95.631	ug/l	100
14) Allyl chloride	4.49	41	143263	18.781	ug/l	99
15) Acrylonitrile	5.18	53	124920	91.940	ug/l	99
16) Acetone	3.96	43	107143	90.814	ug/l	98
17) Carbon Disulfide	4.20	76	274776	19.685	ug/l	98
18) Methyl Acetate	4.49	43	56790	17.867	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	252943	19.862	ug/l	98
20) Methylene Chloride	4.72	84	131337	20.888	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	100750	20.387	ug/l	96
22) Diisopropyl ether	6.13	45	307897	18.833	ug/l	99
23) Vinyl Acetate	6.07	43	1010902	92.485	ug/l	99
24) 1,1-Dichloroethane	6.02	63	175141	19.611	ug/l	99
25) 2-Butanone	6.99	43	170197	90.814	ug/l	98
26) 2,2-Dichloropropane	6.99	77	165922	20.449	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	110101	19.863	ug/l	100
28) Bromochloromethane	7.34	49	69546	17.502	ug/l	91
29) Tetrahydrofuran	7.35	42	111896	89.783	ug/l	95
30) Chloroform	7.52	83	176081	19.902	ug/l	98
31) Cyclohexane	7.79	56	167917	19.086	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	164297	20.344	ug/l	99
36) 1,1-Dichloropropene	7.92	75	140646	19.947	ug/l	99
37) Ethyl Acetate	7.08	43	80647	19.023	ug/l	99
38) Carbon Tetrachloride	7.91	117	149803	20.420	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003032.D
 Acq On : 30 Jun 2020 13:50
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Quant Time: Jul 01 05:11:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	176285	20.165	ug/l	99
40) Benzene	8.17	78	392782	20.347	ug/l	98
41) Methacrylonitrile	7.35	41	106264	46.923	ug/l #	43
42) 1,2-Dichloroethane	8.24	62	120752	19.773	ug/l	100
43) Isopropyl Acetate	8.28	43	149081	18.498	ug/l	96
44) Trichloroethene	8.94	130	116627	20.786	ug/l	99
45) 1,2-Dichloropropane	9.22	63	101798	19.601	ug/l	98
46) Dibromomethane	9.30	93	55903	19.273	ug/l	97
47) Bromodichloromethane	9.50	83	142479	20.060	ug/l	98
48) Methyl methacrylate	9.30	41	68942	18.793	ug/l	96
49) 1,4-Dioxane	9.30	88	14669	414.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	385408	92.522	ug/l	98
52) Toluene	10.25	92	248258	20.430	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145984	19.604	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	168994	19.844	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	82900	20.567	ug/l	96
56) Ethyl methacrylate	10.51	69	112629	19.304	ug/l	96
57) 1,3-Dichloropropane	10.79	76	140976	19.923	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	263949	88.206	ug/l	98
59) 2-Hexanone	10.83	43	275248	94.535	ug/l	99
60) Dibromochloromethane	10.99	129	102247	19.822	ug/l	99
61) 1,2-Dibromoethane	11.09	107	78317	19.709	ug/l	98
64) Tetrachloroethene	10.72	164	115562	20.575	ug/l	93
65) Chlorobenzene	11.52	112	270873	20.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	103390	20.237	ug/l	100
67) Ethyl Benzene	11.59	91	487924	20.381	ug/l	99
68) m/p-Xylenes	11.70	106	367803	41.280	ug/l	98
69) o-Xylene	12.03	106	172427	20.537	ug/l	97
70) Styrene	12.04	104	298247	20.793	ug/l	99
71) Bromoform	12.21	173	68418	20.083	ug/l #	98
73) Isopropylbenzene	12.33	105	480928	20.746	ug/l	99
74) N-amyl acetate	12.14	43	140999	18.683	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	92289	19.727	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	128450	36.640	ug/l #	100
77) Bromobenzene	12.61	156	120224	20.226	ug/l	98
78) n-propylbenzene	12.67	91	574945	20.622	ug/l	100
79) 2-Chlorotoluene	12.75	91	319663	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	398760	20.498	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	34371	19.075	ug/l	96
82) 4-Chlorotoluene	12.85	91	337615	20.837	ug/l	100
83) tert-Butylbenzene	13.08	119	348541	20.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	401389	20.477	ug/l	100
85) sec-Butylbenzene	13.25	105	486882	20.680	ug/l	99
86) p-Isopropyltoluene	13.37	119	449740	20.615	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	227367	20.489	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	226675	20.715	ug/l	99
89) n-Butylbenzene	13.70	91	434954	20.838	ug/l	99
90) Hexachloroethane	13.96	117	88532	20.436	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	204409	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16074	19.409	ug/l	96

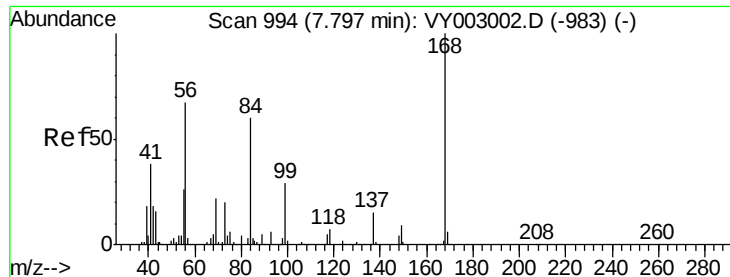
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003032.D
Acq On : 30 Jun 2020 13:50
Operator : SY/MD
Sample : VY0630SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

Quant Time: Jul 01 05:11:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	154735	20.915	ug/l	99
94) Hexachlorobutadiene	15.11	225	101901	21.836	ug/l	98
95) Naphthalene	15.23	128	275616	20.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	133850	20.835	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

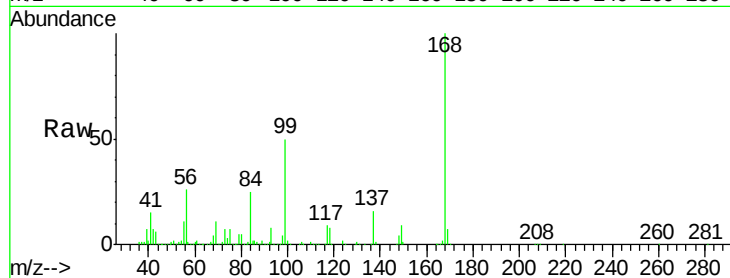
VY0630SBS01

Tot Ion:168 Resp: 503663

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

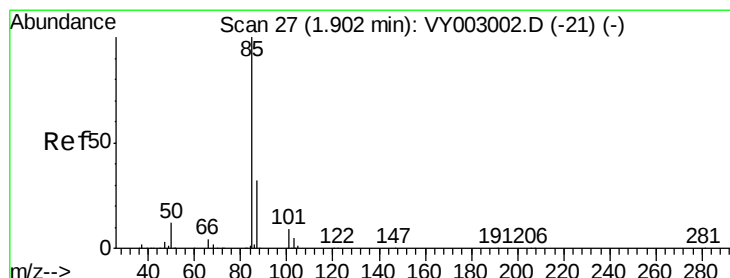
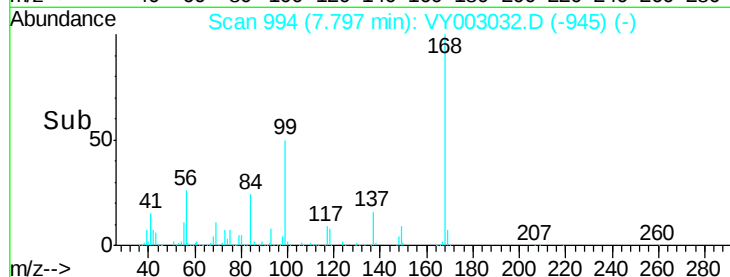
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.529 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003032.D

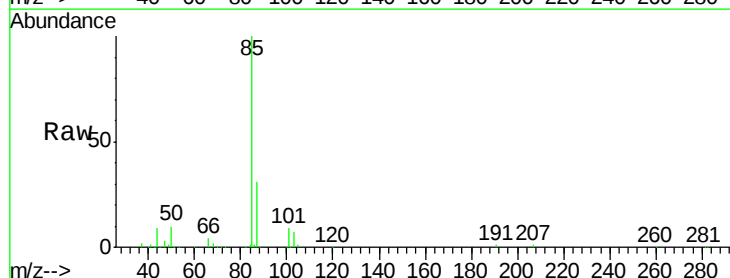
Acq: 30 Jun 2020 13:50

Tgt Ion: 85 Resp: 70675

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

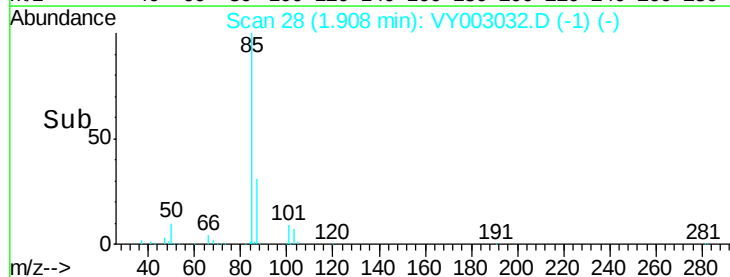
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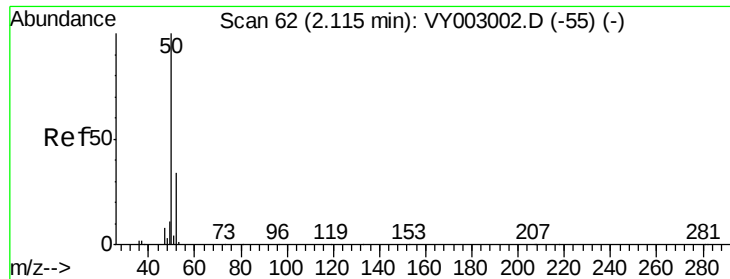
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.735 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

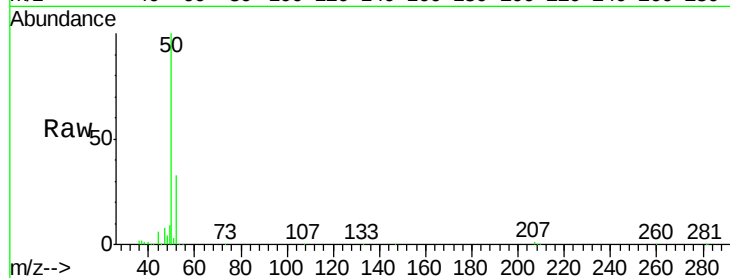
VY0630SBS01

Tot Ion: 50 Resp: 93478

Ion Ratio Lower Upper

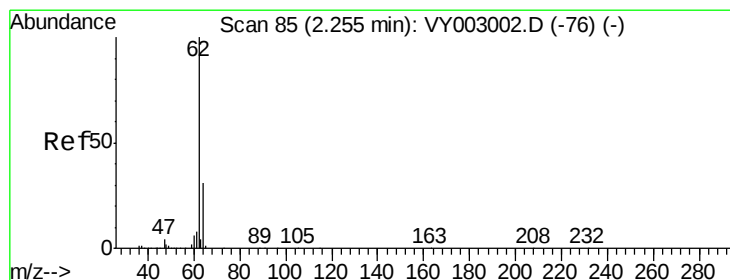
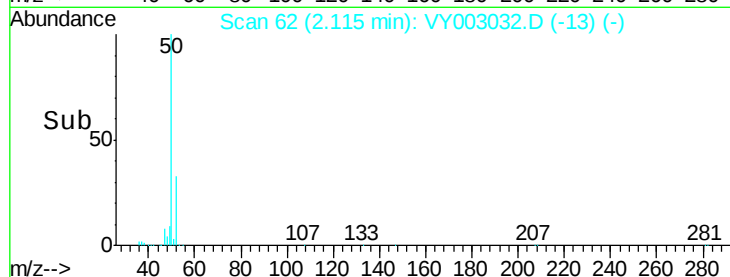
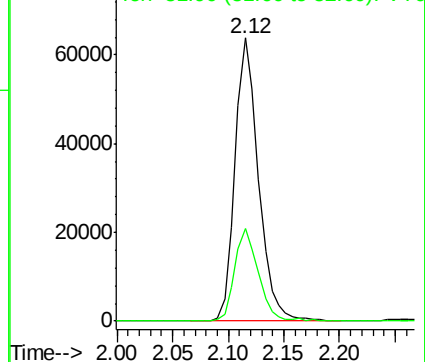
50 100

52 32.8 26.9 40.3



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.021 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003032.D

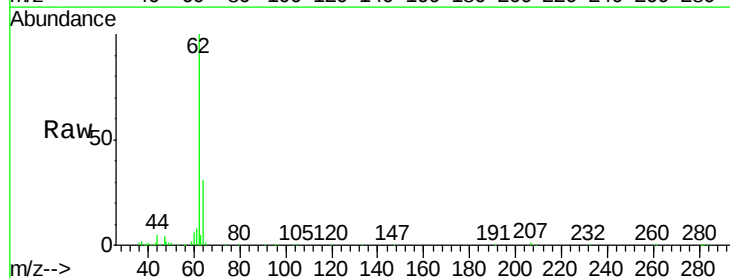
Acq: 30 Jun 2020 13:50

Tgt Ion: 62 Resp: 109087

Ion Ratio Lower Upper

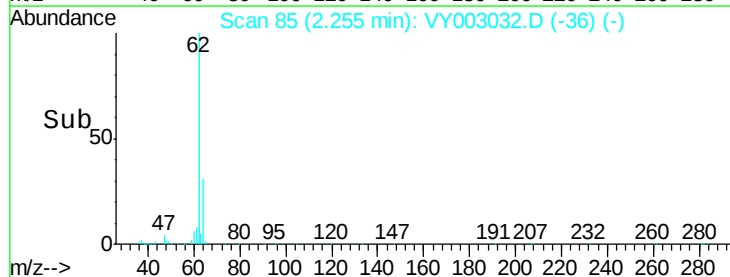
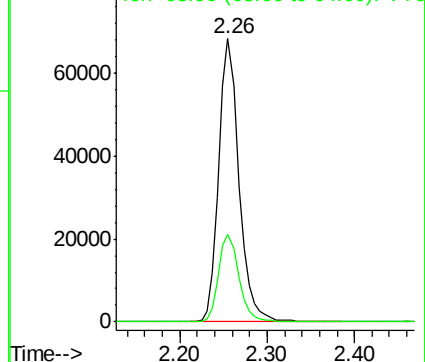
62 100

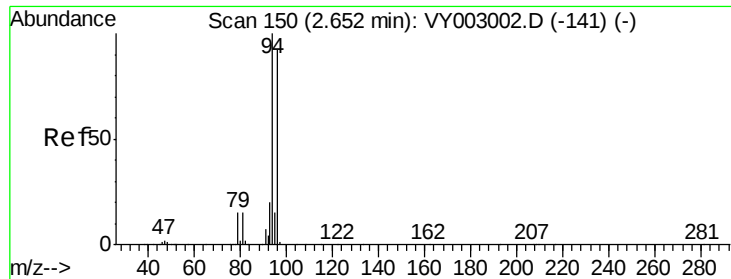
64 31.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.757 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

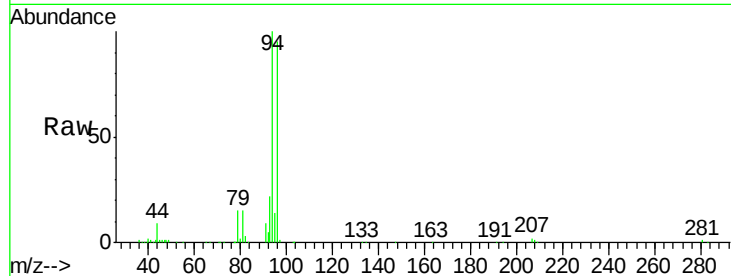
VY0630SBS01

Tot Ion: 94 Resp: 76789

Ion Ratio Lower Upper

94 100

96 94.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

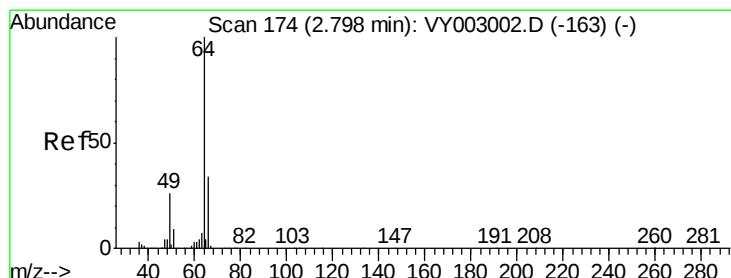
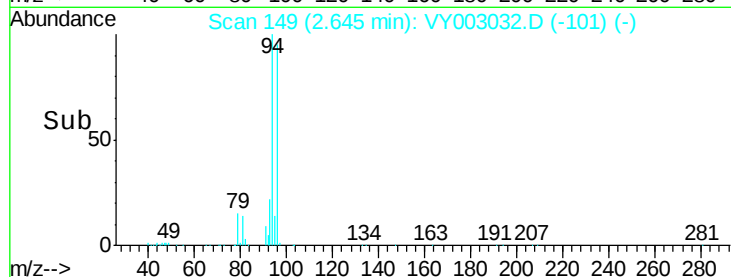
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 20.059 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003032.D

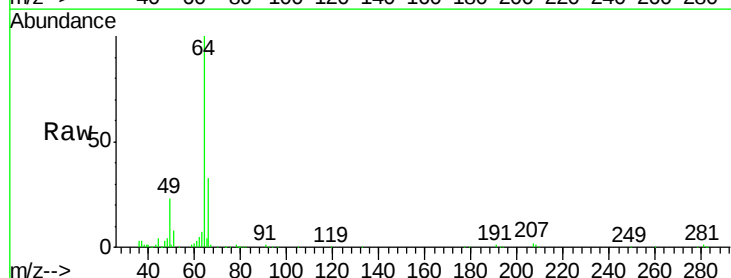
Acq: 30 Jun 2020 13:50

Tgt Ion: 64 Resp: 69526

Ion Ratio Lower Upper

64 100

66 32.9 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

30000

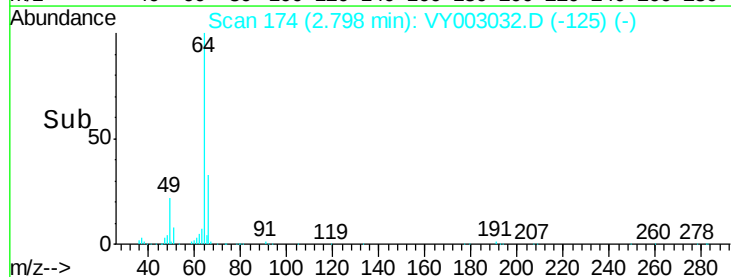
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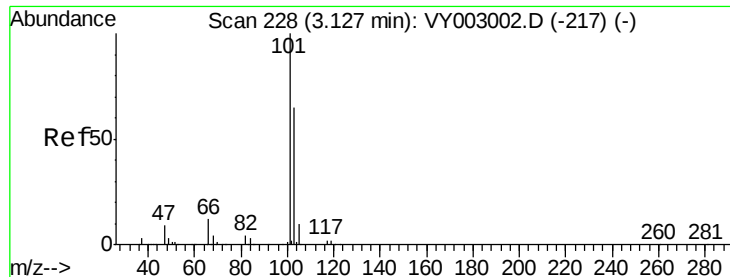
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Time-->

2.70 2.80 2.90



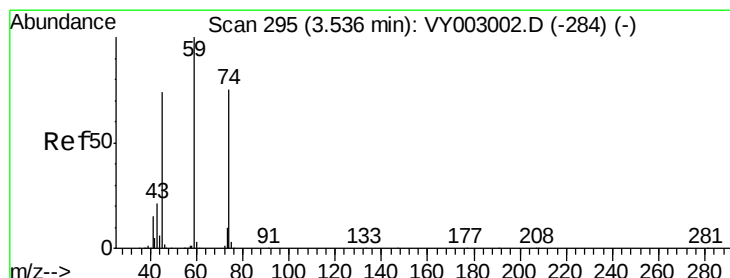
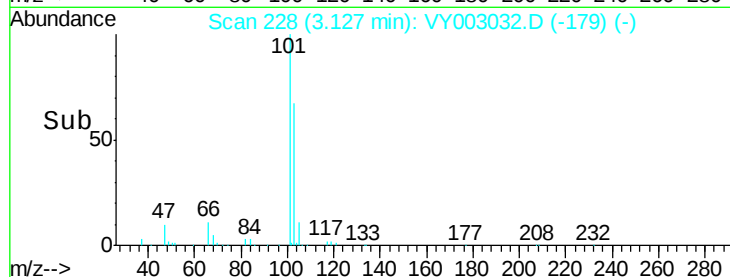
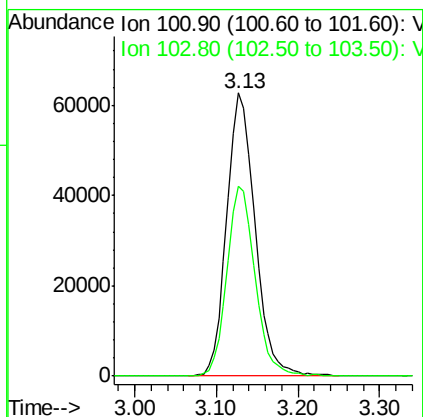
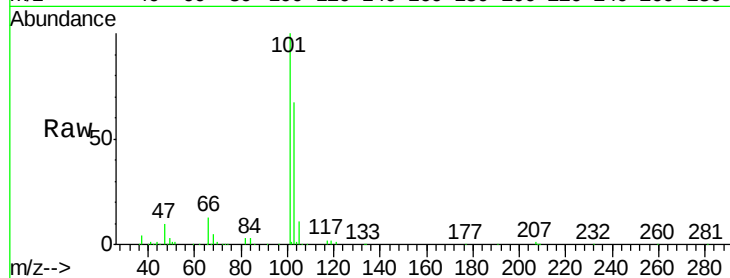


#7

Trichlorofluoromethane
 Concen: 19.638 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

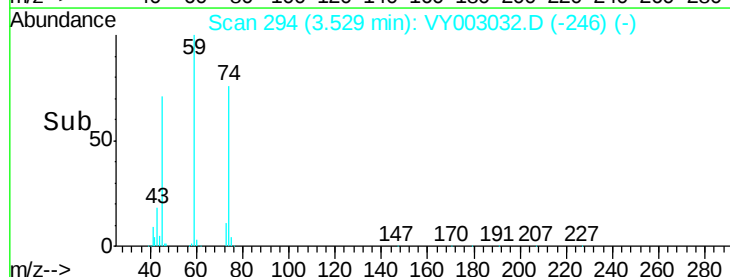
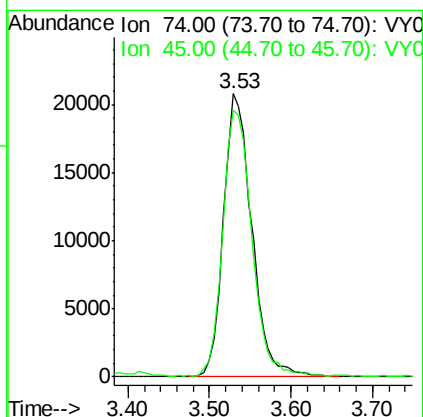
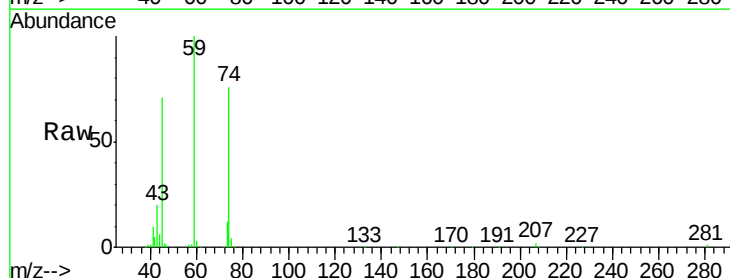
Tot Ion:101 Resp: 151017
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.6 77.4

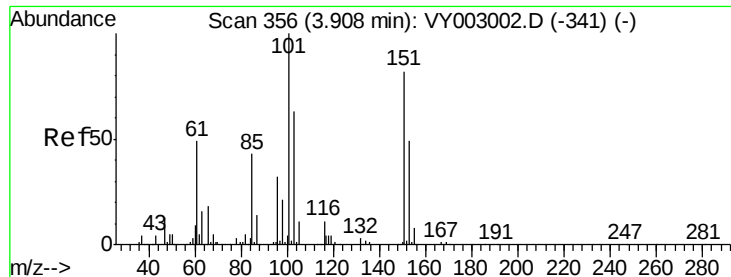


#8

Diethyl Ether
 Concen: 18.932 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion: 74 Resp: 49910
 Ion Ratio Lower Upper
 74 100
 45 96.2 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.657 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

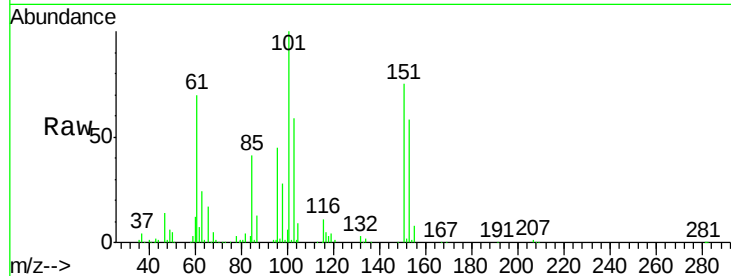
Tot Ion:101 Resp: 94853

Ion Ratio Lower Upper

101 100

85 43.8 35.5 53.3

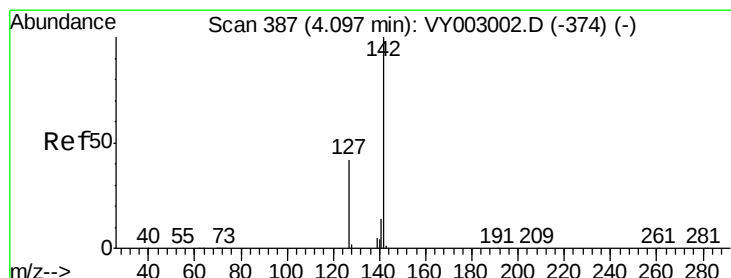
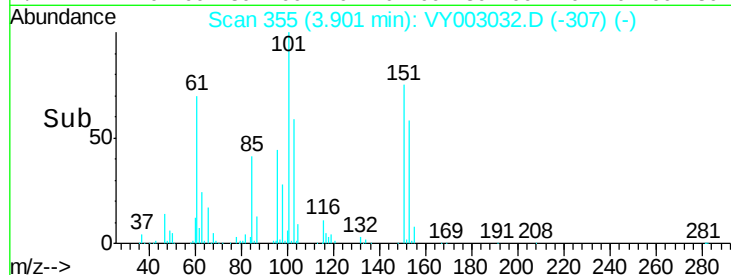
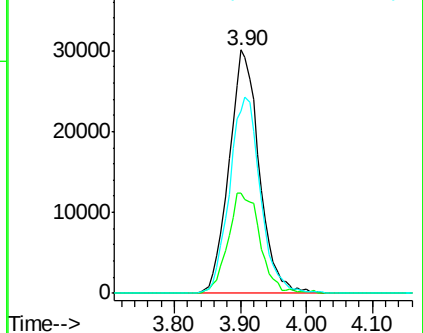
151 82.5 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.393 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

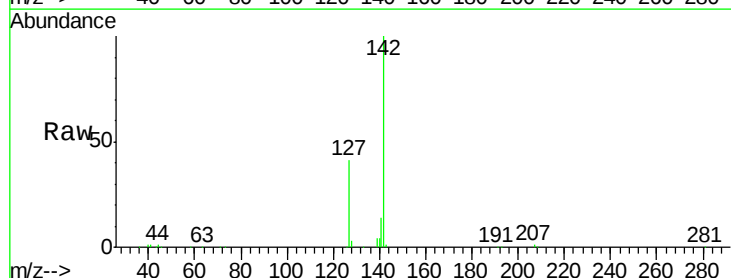
Tgt Ion:142 Resp: 116113

Ion Ratio Lower Upper

142 100

127 40.9 34.2 51.2

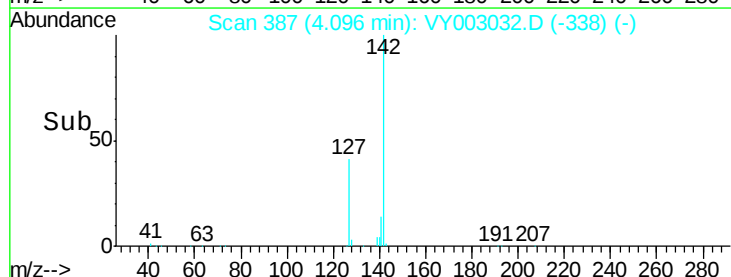
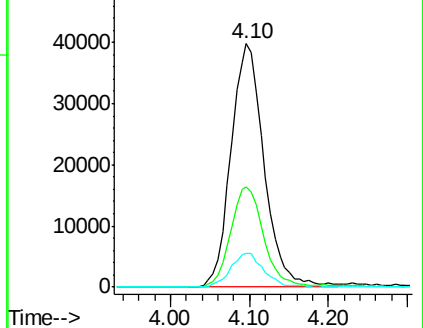
141 13.7 11.7 17.5

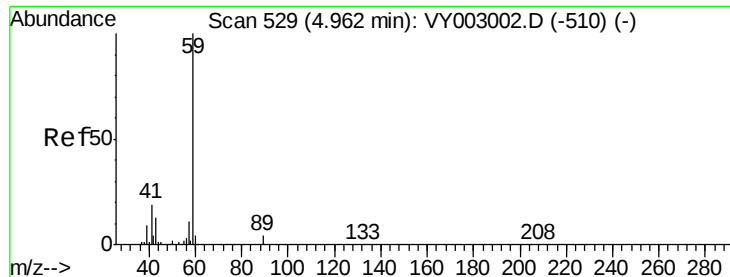


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

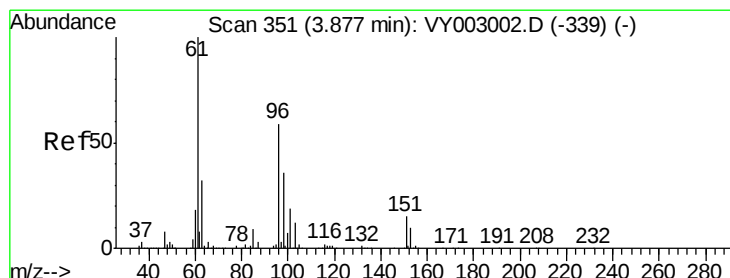
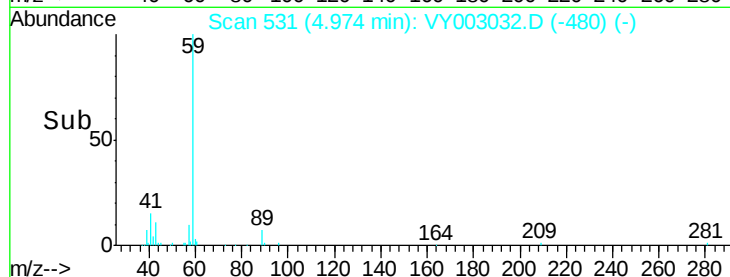
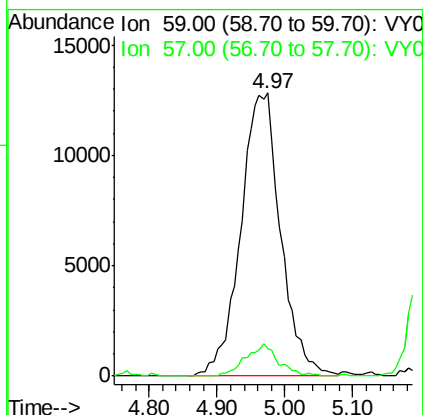
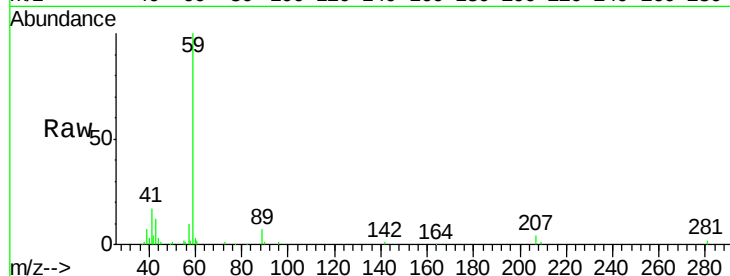




#11
Tert butyl alcohol
Concen: 102.773 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

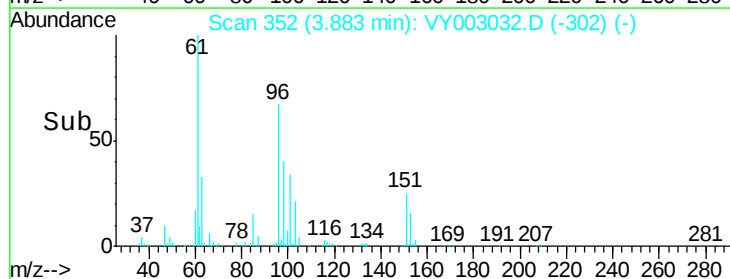
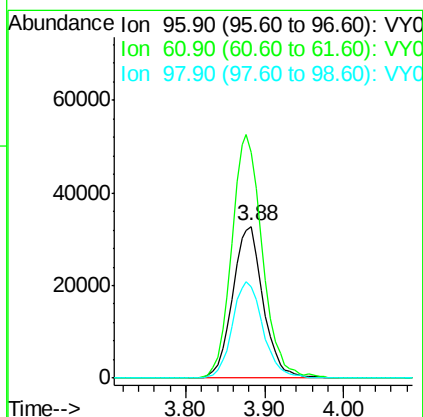
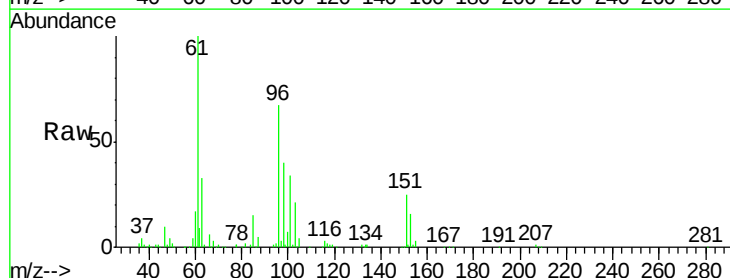
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

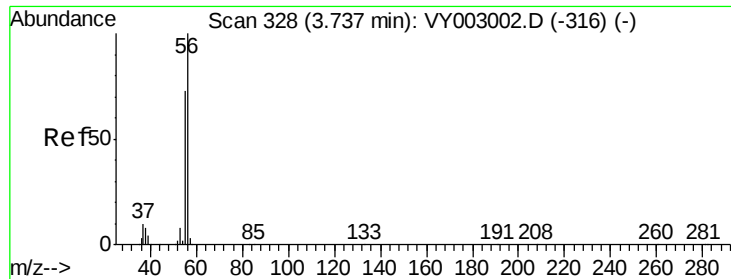
Tot Ion: 59 Resp: 52394
Ion Ratio Lower Upper
59 100
57 9.3 8.0 12.0



#12
1,1-Dichloroethene
Concen: 20.273 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 96 Resp: 88572
Ion Ratio Lower Upper
96 100
61 148.9 136.7 205.1
98 60.1 49.7 74.5





#13

Acrolein

Concen: 95.631 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

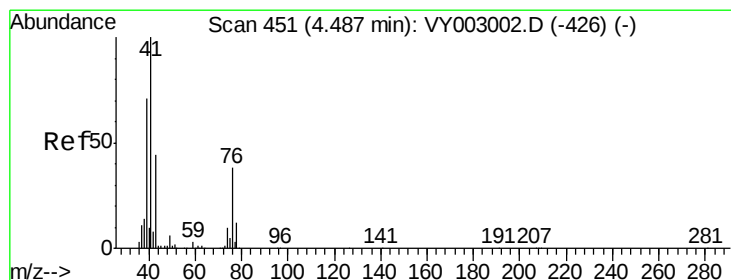
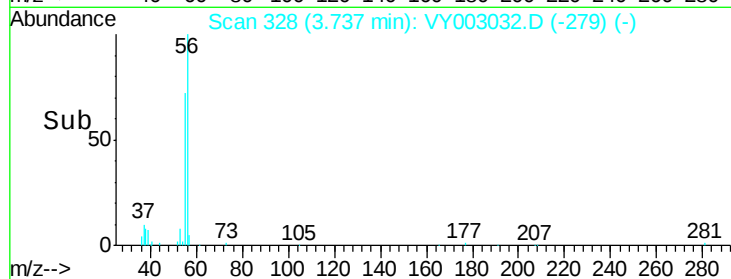
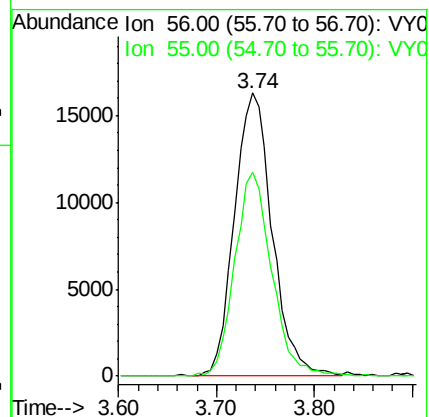
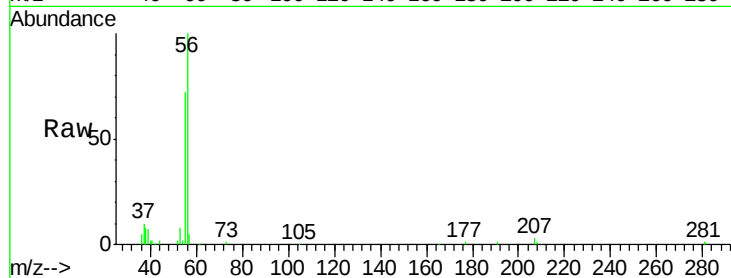
VY0630SBS01

Tot Ion: 56 Resp: 43787

Ion Ratio Lower Upper

56 100

55 70.6 56.4 84.6



#14

Allyl chloride

Concen: 18.781 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

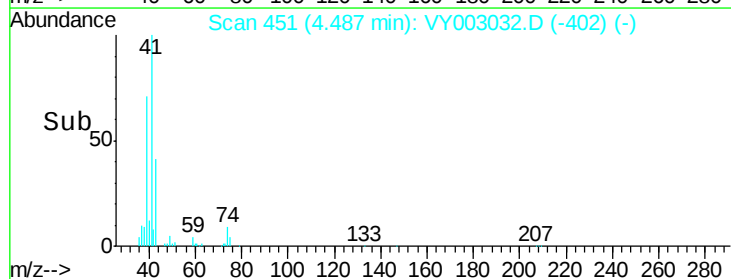
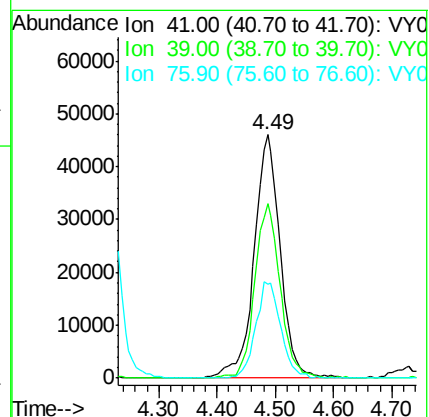
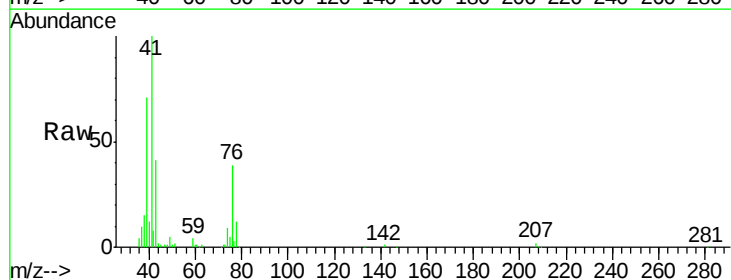
Tgt Ion: 41 Resp: 143263

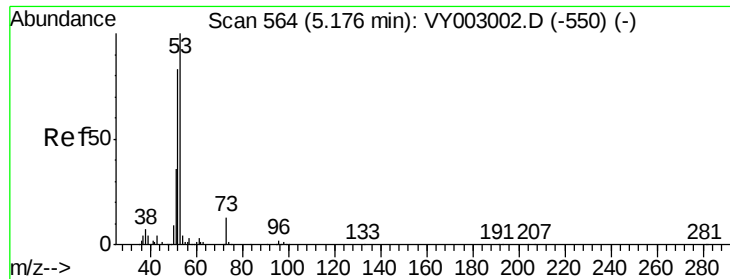
Ion Ratio Lower Upper

41 100

39 69.0 55.6 83.4

76 37.7 28.6 43.0





#15

Acrylonitrile

Concen: 91.940 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

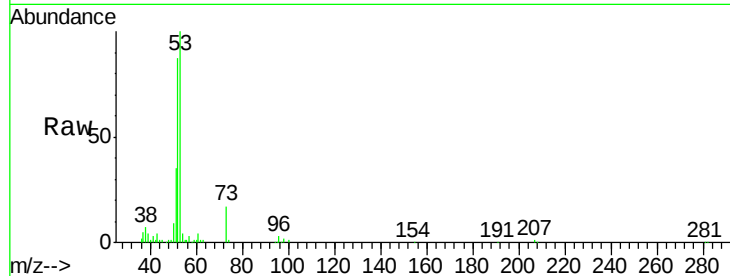
Tot Ion: 53 Resp: 124920

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

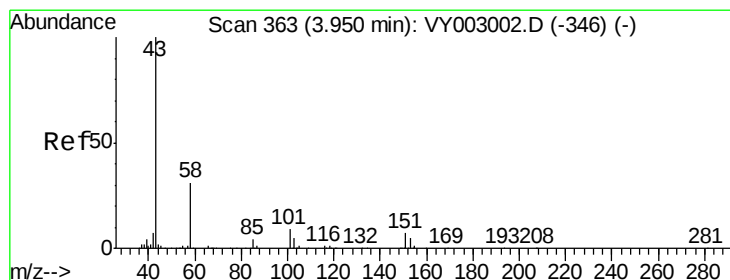
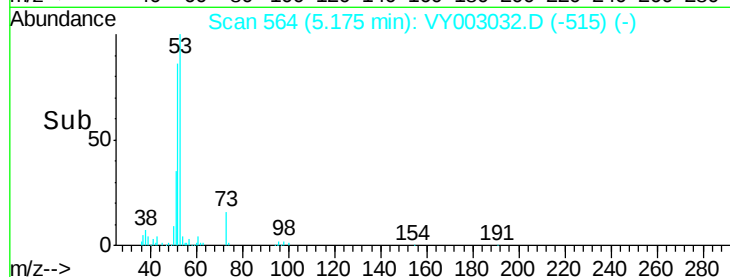
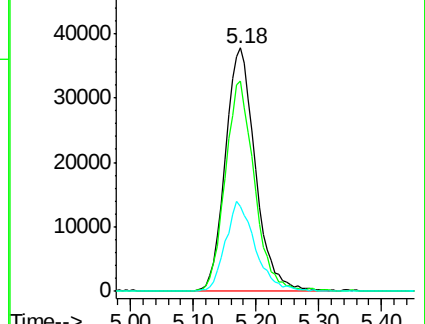
51 37.0 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 90.814 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY003032.D

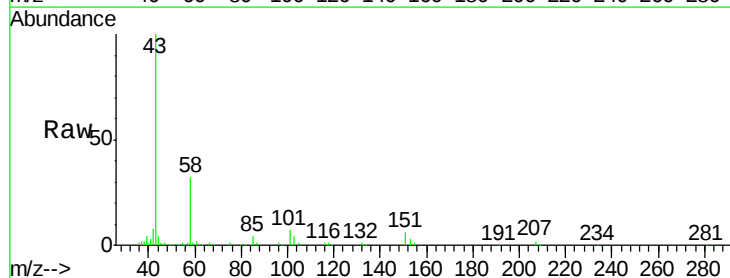
Acq: 30 Jun 2020 13:50

Tgt Ion: 43 Resp: 107143

Ion Ratio Lower Upper

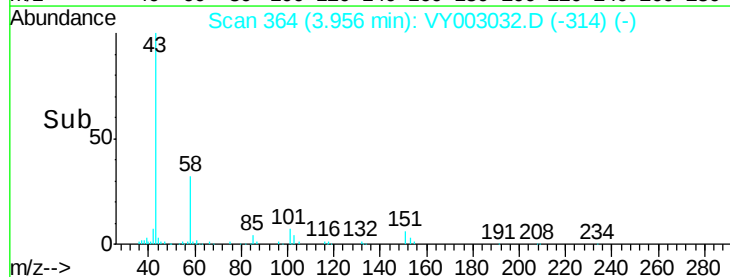
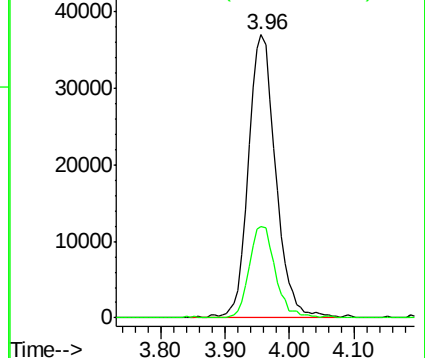
43 100

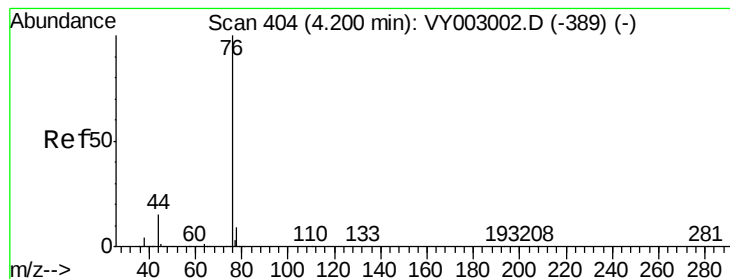
58 32.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#17

Carbon Disulfide

Concen: 19.685 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

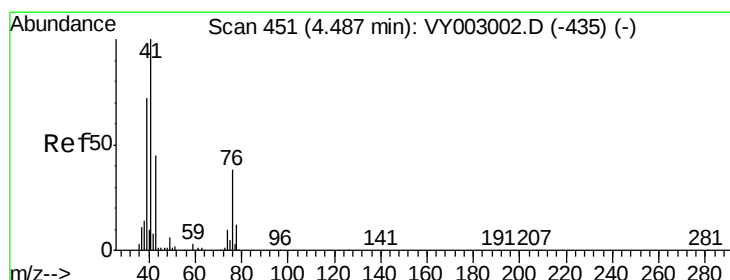
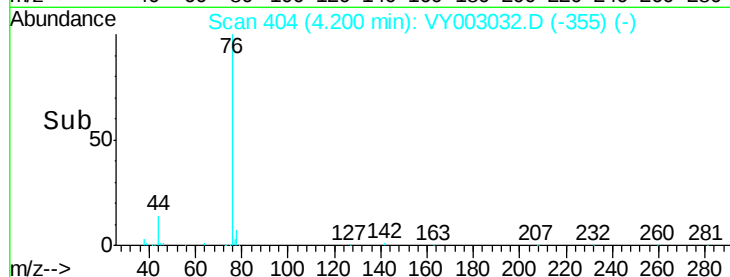
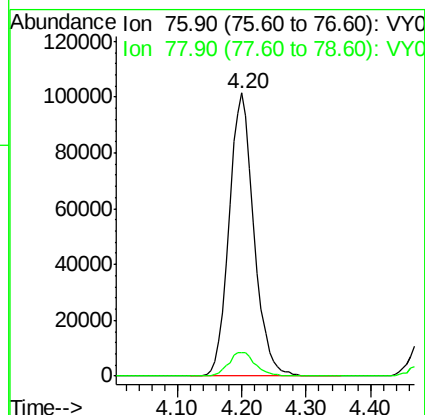
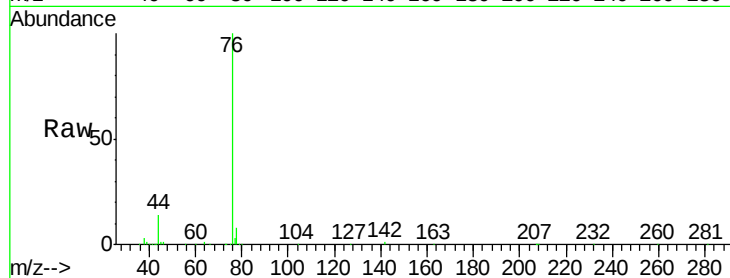
VY0630SBSD01

Tot Ion: 76 Resp: 274776

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.6



#18

Methyl Acetate

Concen: 17.867 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003032.D

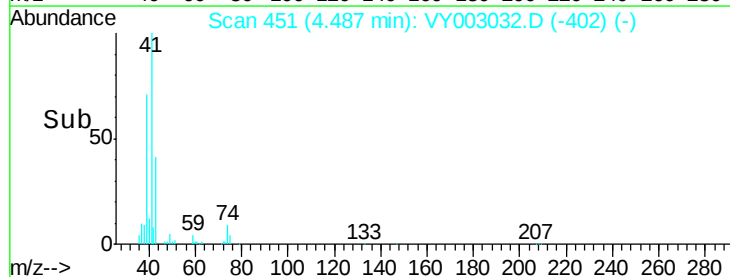
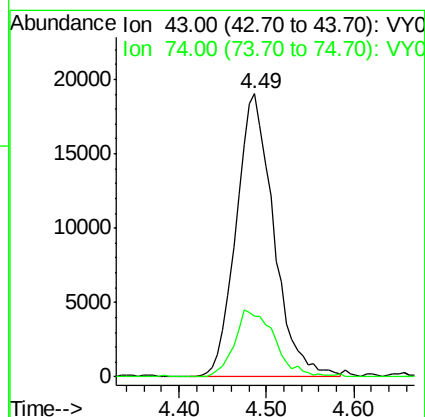
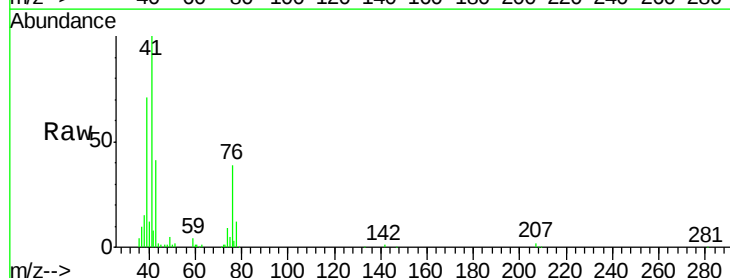
Acq: 30 Jun 2020 13:50

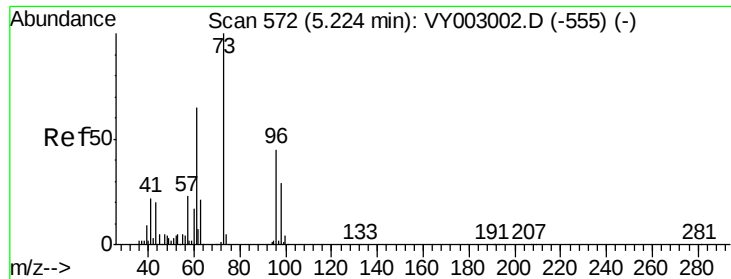
Tgt Ion: 43 Resp: 56790

Ion Ratio Lower Upper

43 100

74 25.5 18.2 27.4

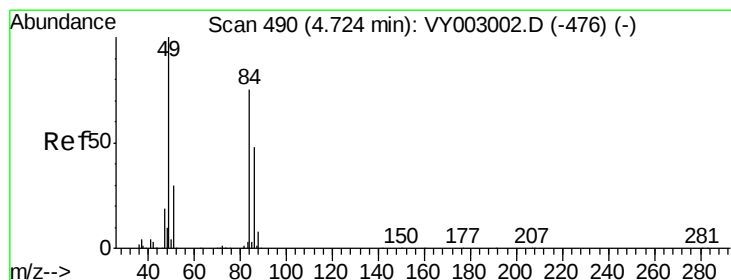
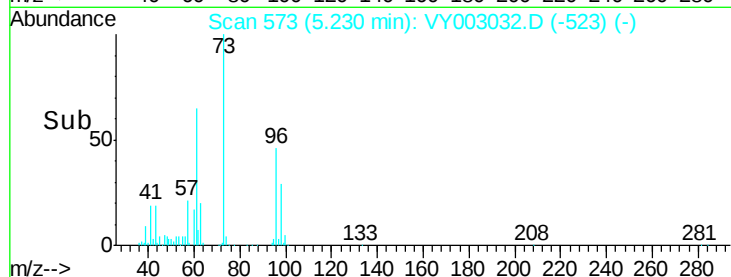
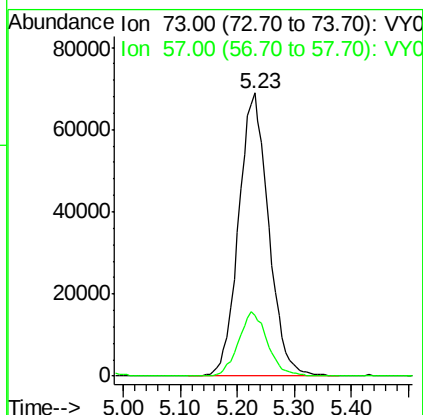
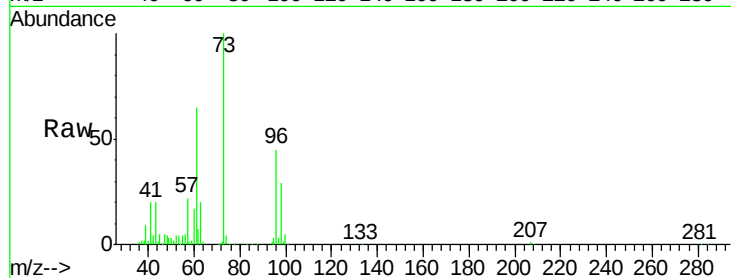




#19
Methyl tert-butyl Ether
Concen: 19.862 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

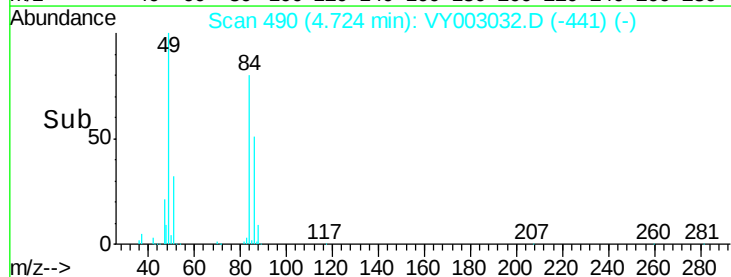
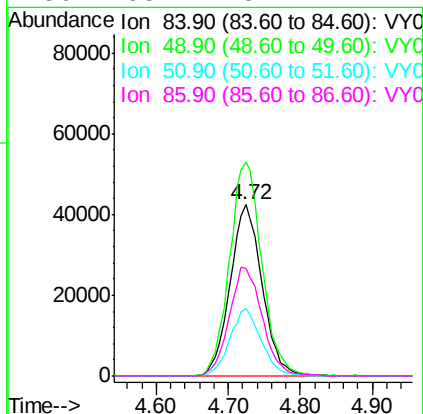
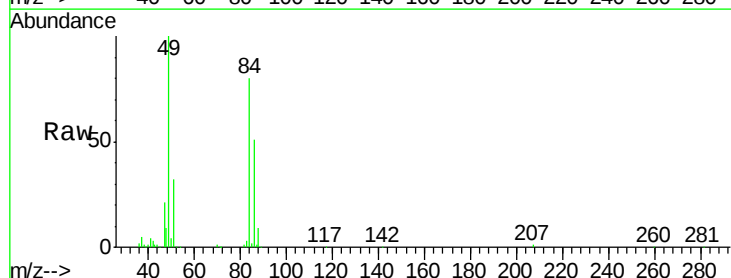
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

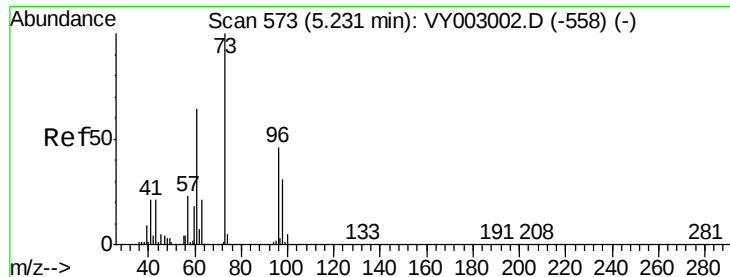
Tot Ion: 73 Resp: 252943
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.2



#20
Methylene Chloride
Concen: 20.888 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 84 Resp: 131337
Ion Ratio Lower Upper
84 100
49 124.9 106.8 160.2
51 39.5 32.0 48.0
86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.387 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

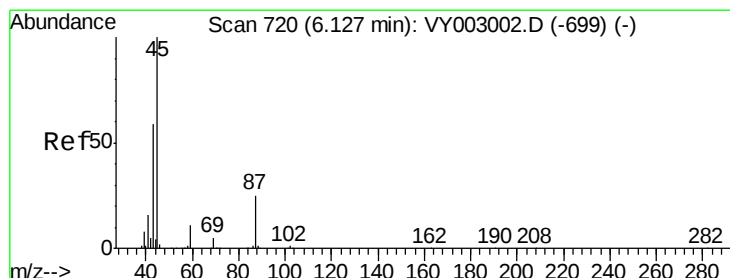
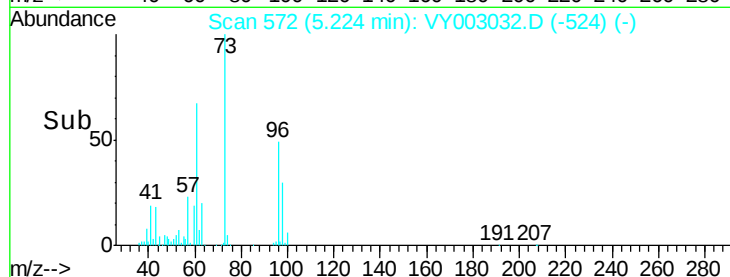
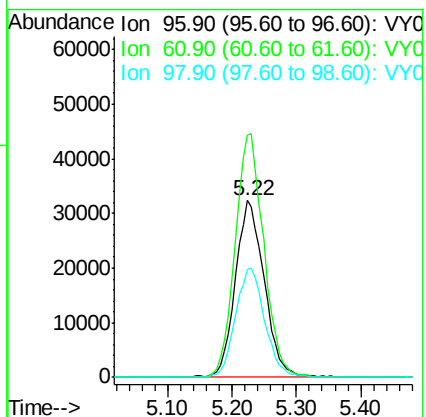
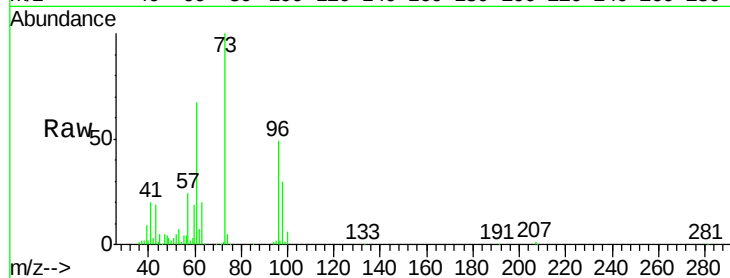
Tot Ion: 96 Resp: 100750

Ion Ratio Lower Upper

96 100

61 137.2 112.3 168.5

98 61.0 53.8 80.8



#22

Diisopropyl ether

Concen: 18.833 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion: 45 Resp: 307897

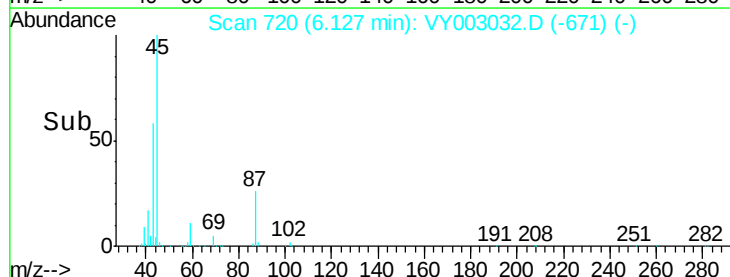
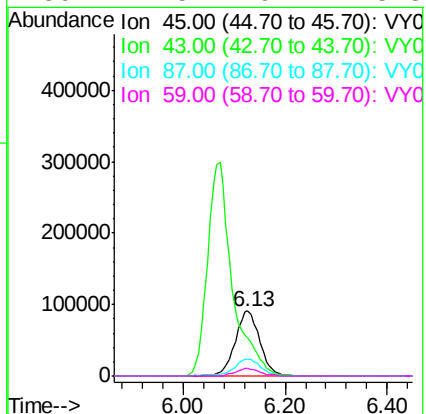
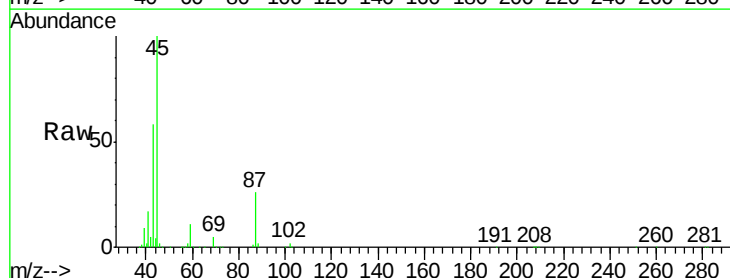
Ion Ratio Lower Upper

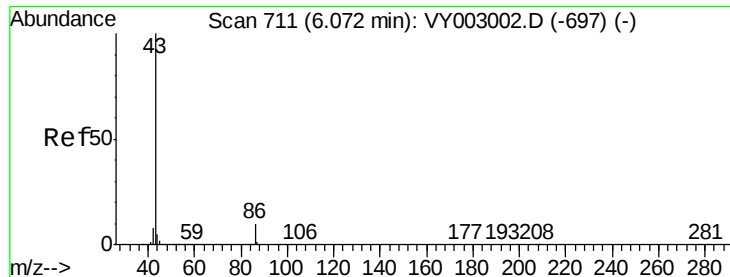
45 100

43 58.2 47.4 71.2

87 25.8 20.2 30.2

59 11.5 9.2 13.8





#23

Vinyl Acetate

Concen: 92.485 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

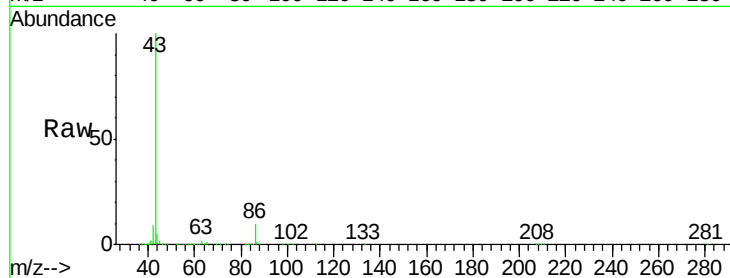
VY0630SBS01

Tot Ion: 43 Resp: 1010902

Ion Ratio Lower Upper

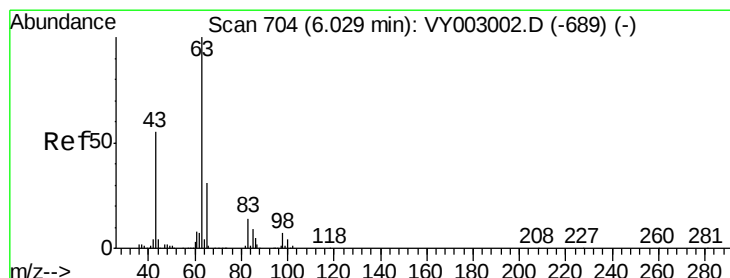
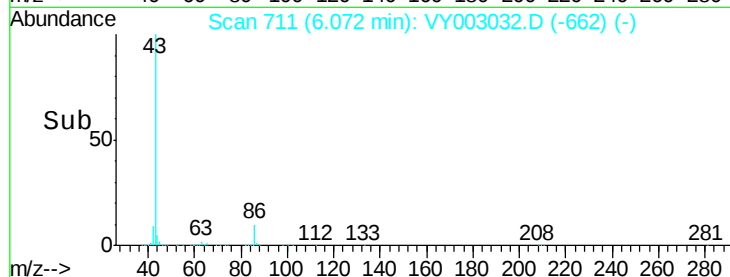
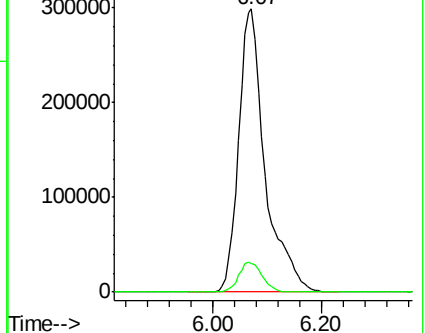
43 100

86 10.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.611 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

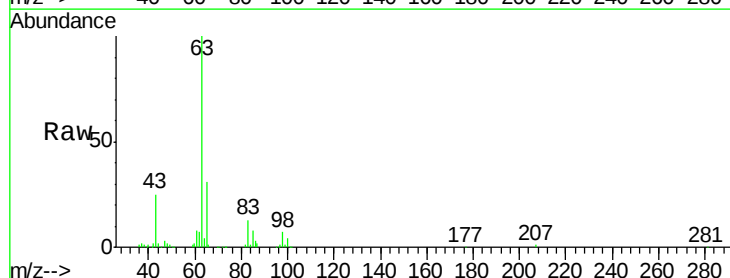
Tgt Ion: 63 Resp: 175141

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

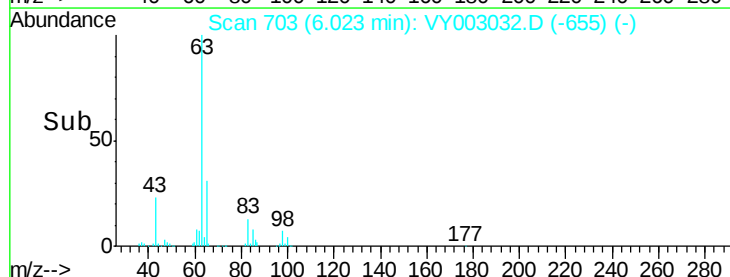
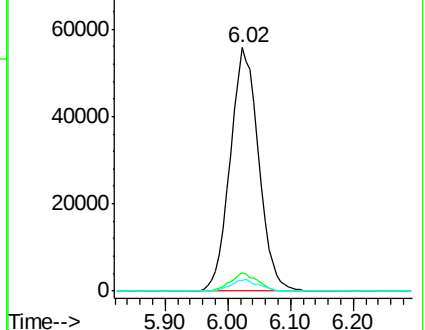
100 4.5 2.3 6.8

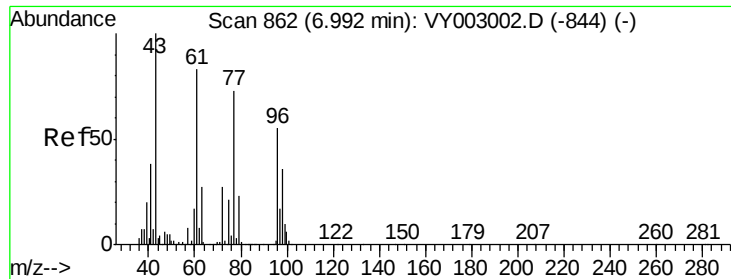


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

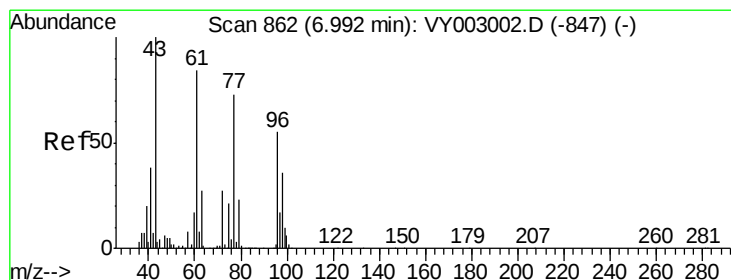
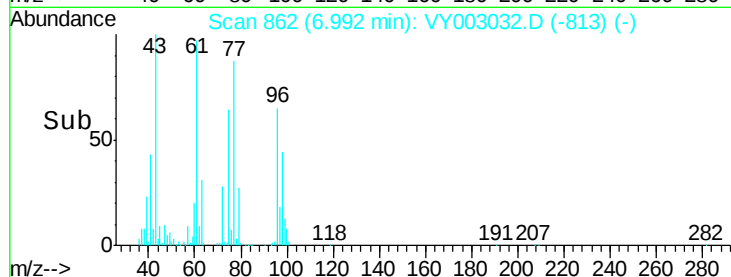
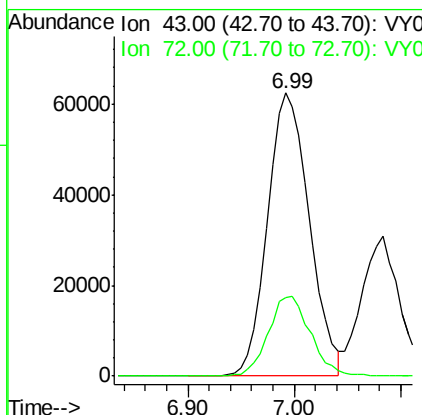
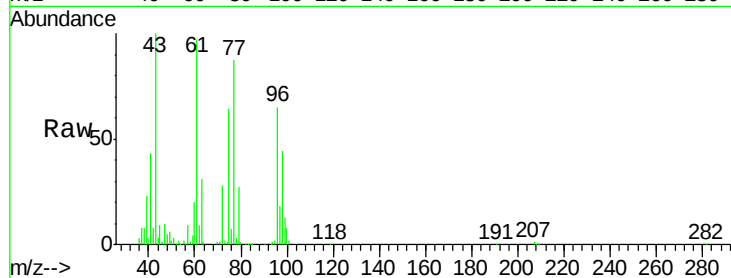




#25
2-Butanone
Concen: 90.814 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

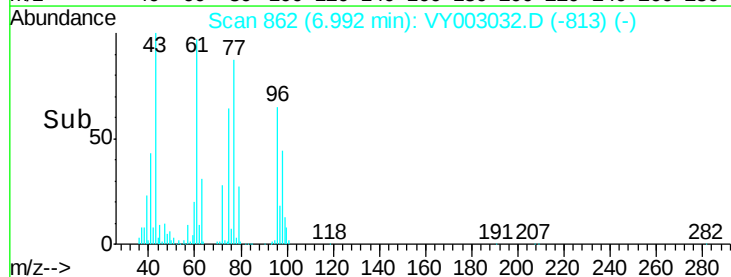
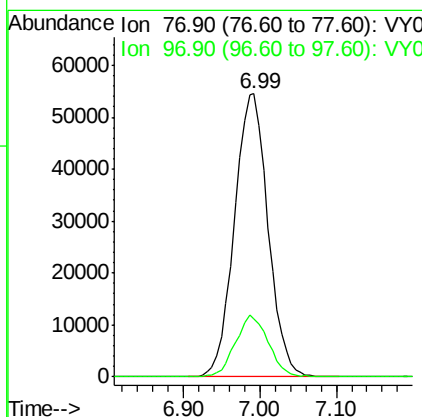
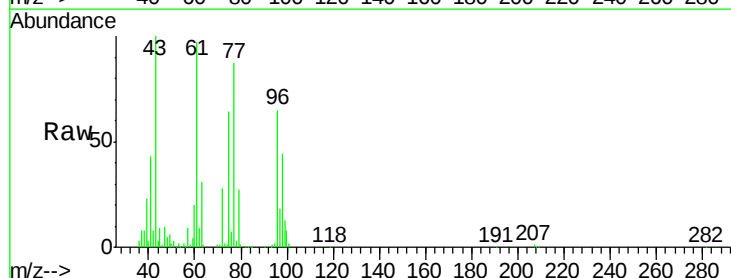
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

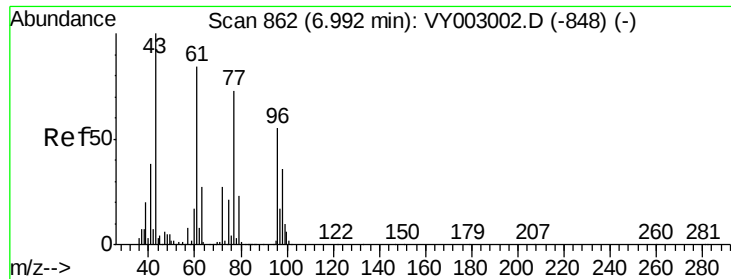
Tot Ion: 43 Resp: 170197
Ion Ratio Lower Upper
43 100
72 27.6 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.449 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 77 Resp: 165922
Ion Ratio Lower Upper
77 100
97 21.5 11.3 33.9



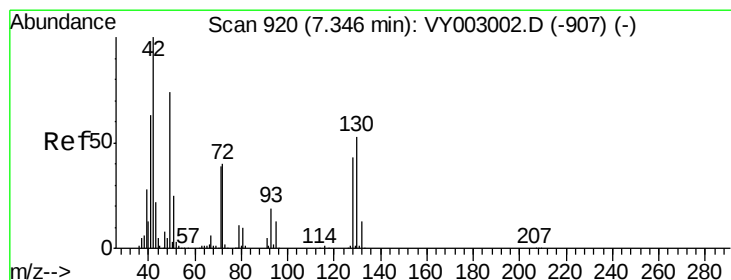
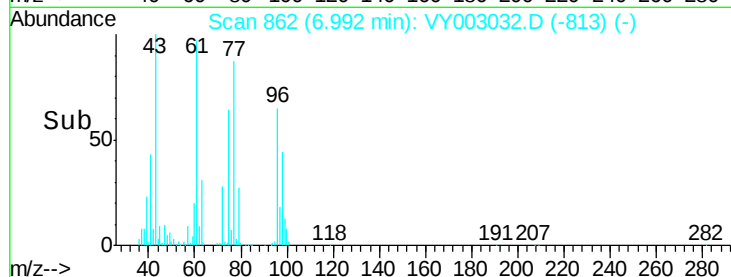
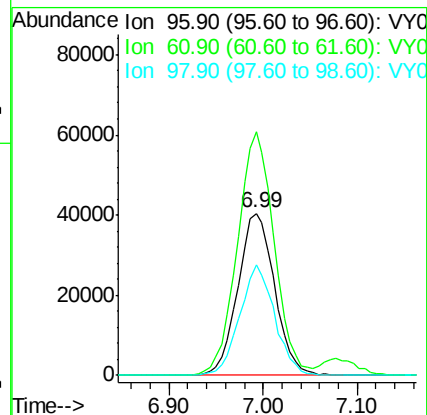
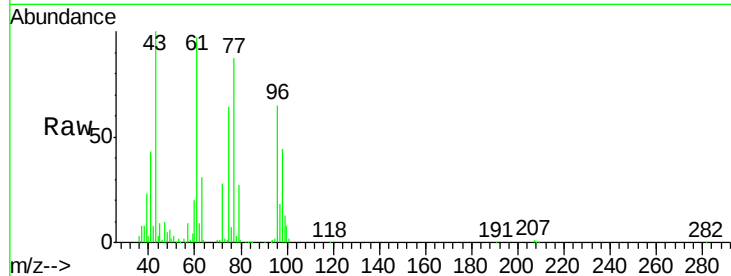


#27

cis-1,2-Dichloroethene
Concen: 19.863 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

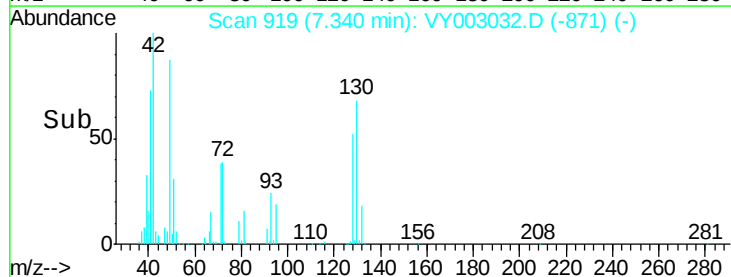
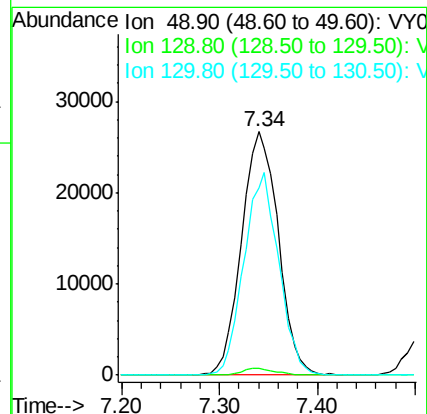
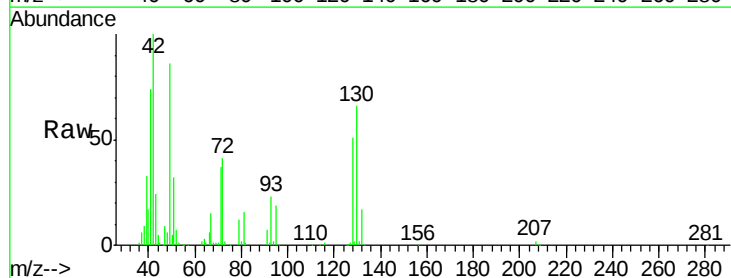
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	301.2
98	65.1	0.0	129.0

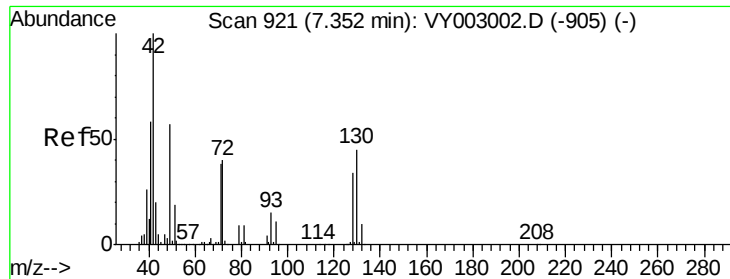


#28

Bromochloromethane
Concen: 17.502 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.0	57.0	85.6





#29

Tetrahydrofuran

Concen: 89.783 ug/l

RT: 7.35 min Scan# 921

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

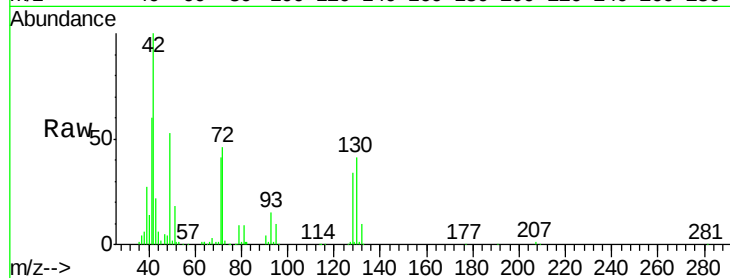
Tot Ion: 42 Resp: 111896

Ion Ratio Lower Upper

42 100

72 44.7 32.9 49.3

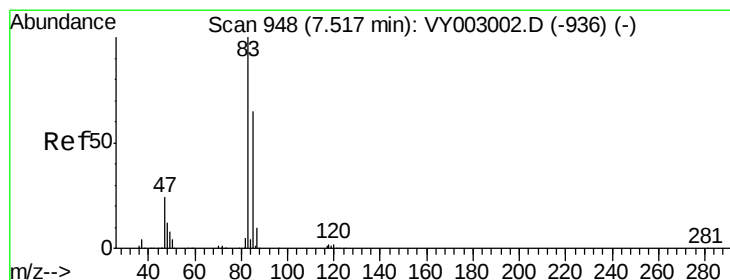
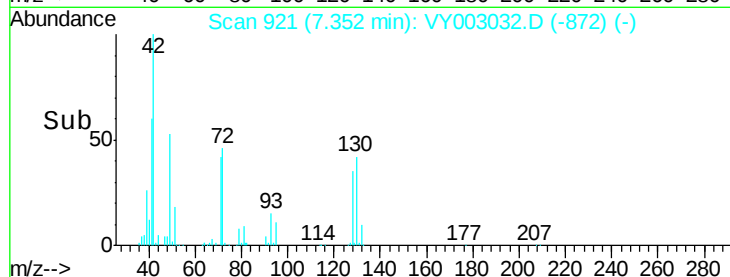
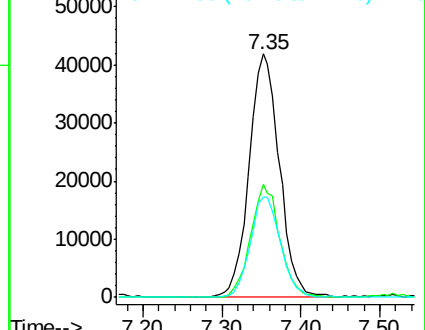
71 41.1 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 19.902 ug/l

RT: 7.52 min Scan# 948

Delta R.T. -0.00 min

Lab File: VY003032.D

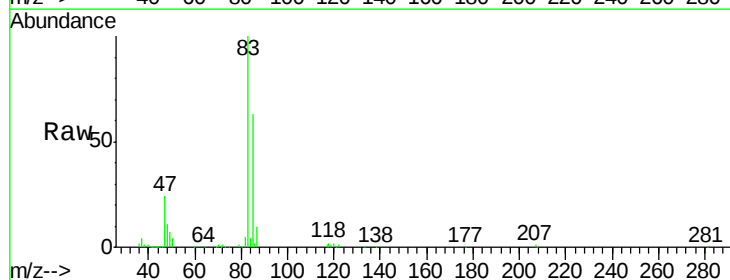
Acq: 30 Jun 2020 13:50

Tgt Ion: 83 Resp: 176081

Ion Ratio Lower Upper

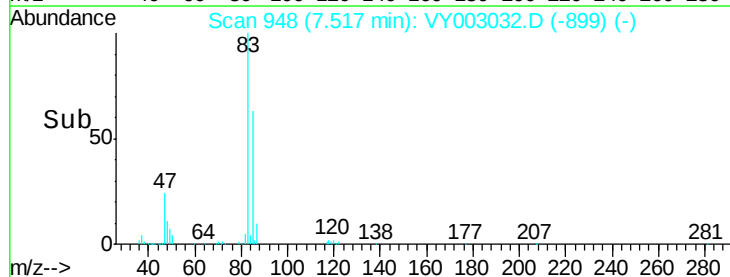
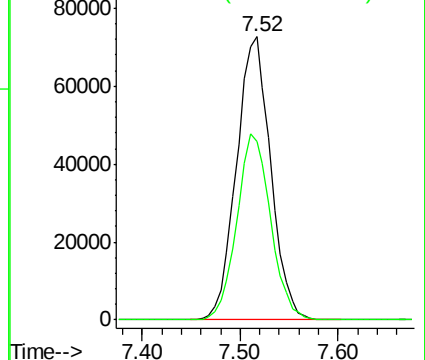
83 100

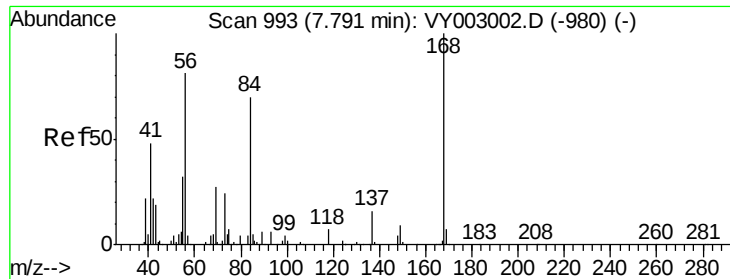
85 62.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

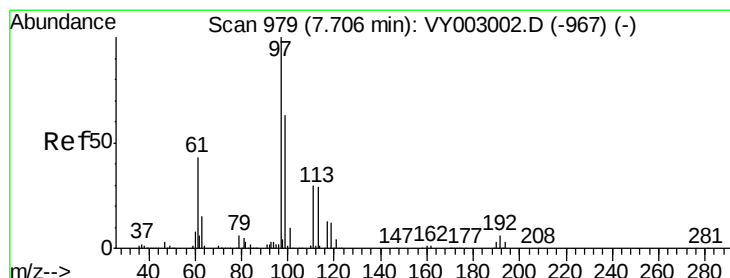
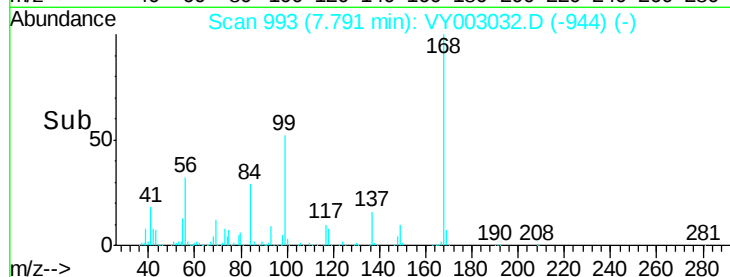
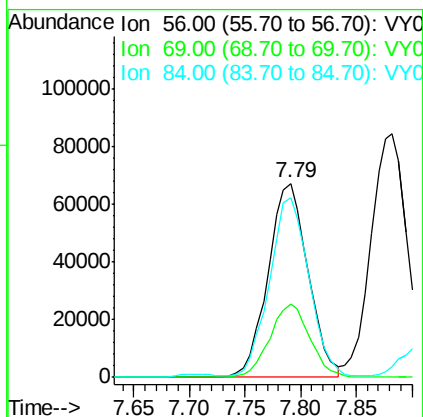
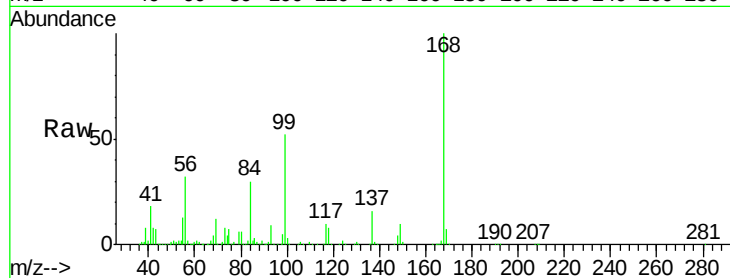




#31
Cvclohexane
Concen: 19.086 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

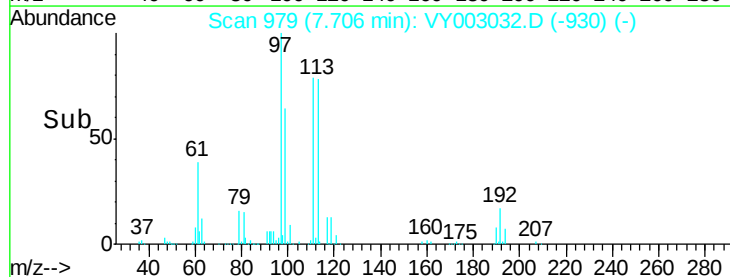
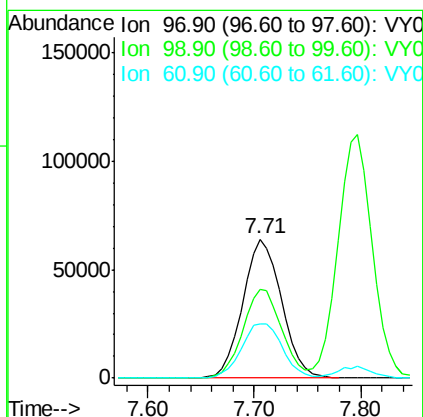
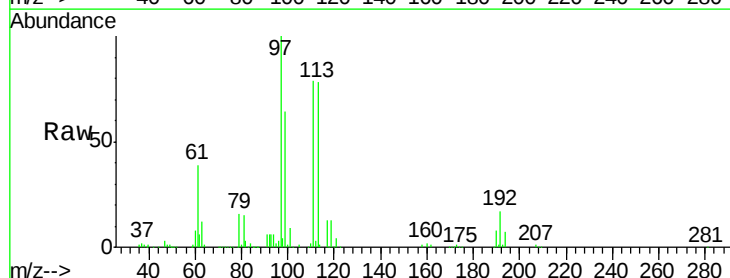
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

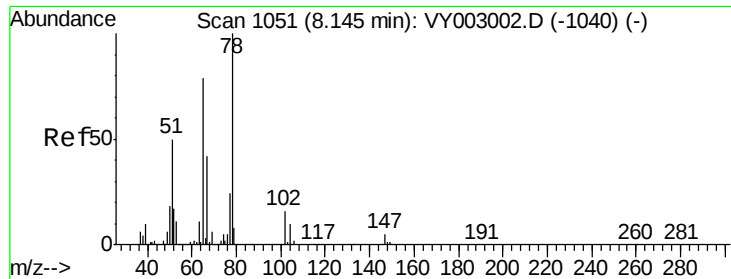
Tot Ion: 56 Resp: 167917
Ion Ratio Lower Upper
56 100
69 37.6 27.0 40.4
84 91.0 68.1 102.1



#32
1,1,1-Trichloroethane
Concen: 20.344 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 97 Resp: 164297
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 41.8 33.9 50.9

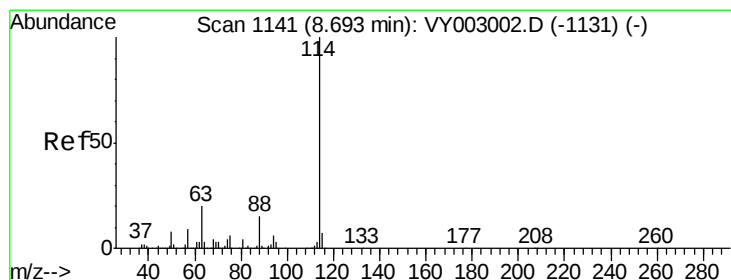
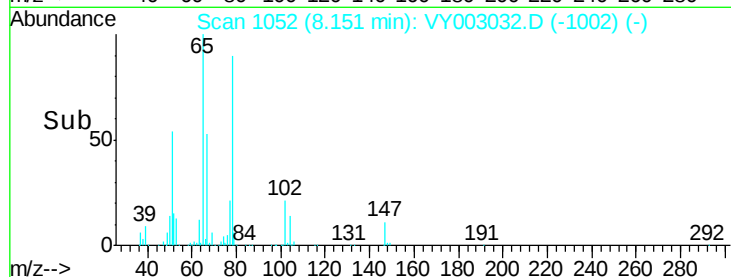
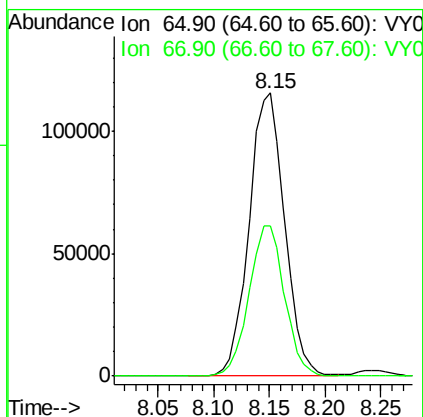
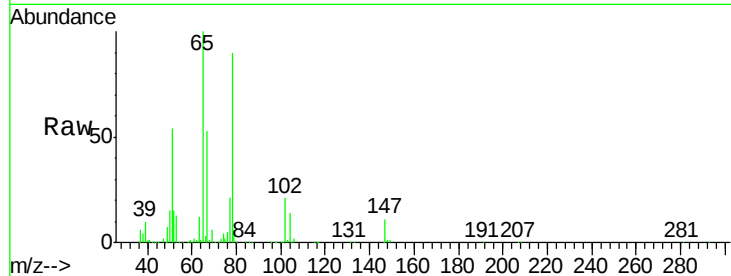




#33
 1,2-Dichloroethane-d4
 Concen: 51.358 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

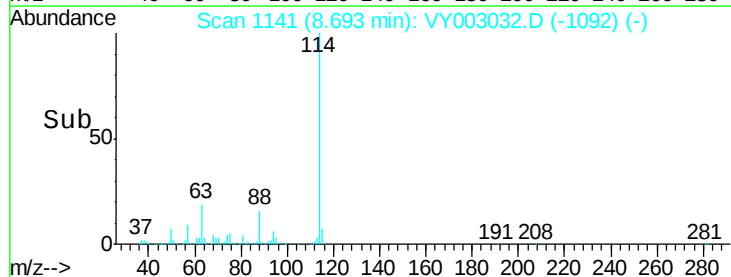
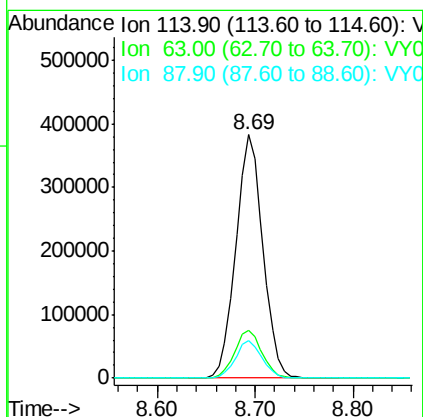
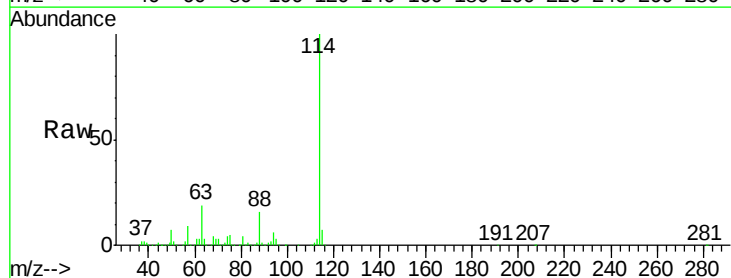
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

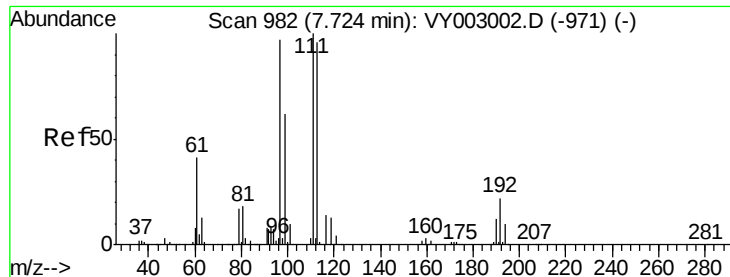
Tot Ion: 65 Resp: 256915
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion: 114 Resp: 732012
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.6
 88 15.5 0.0 30.0

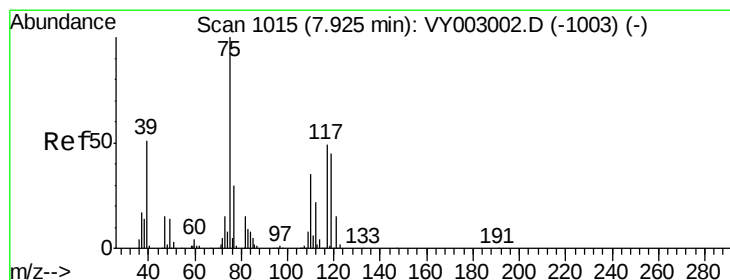
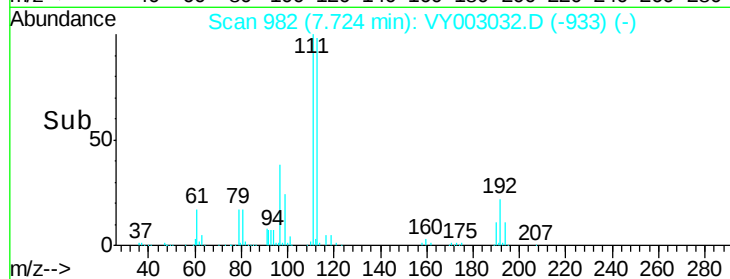
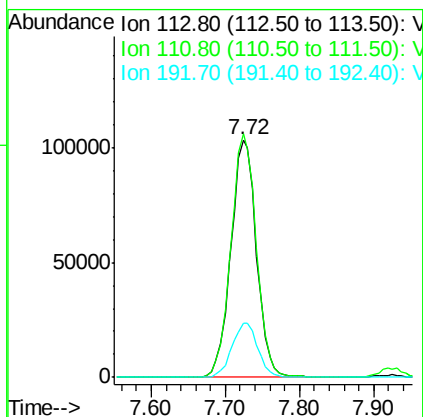
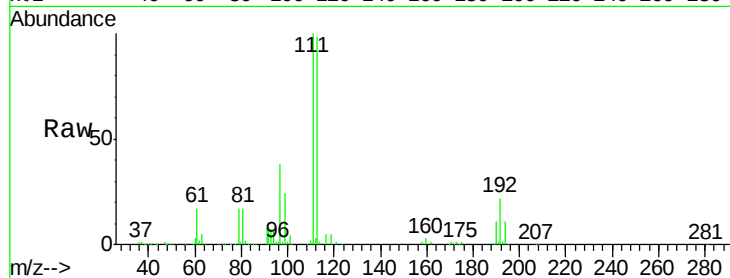




#35
 Dibromofluoromethane
 Concen: 54.374 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

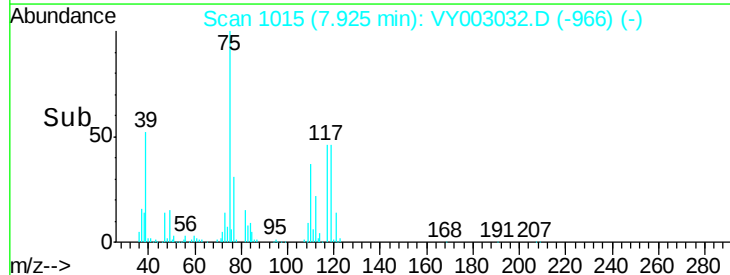
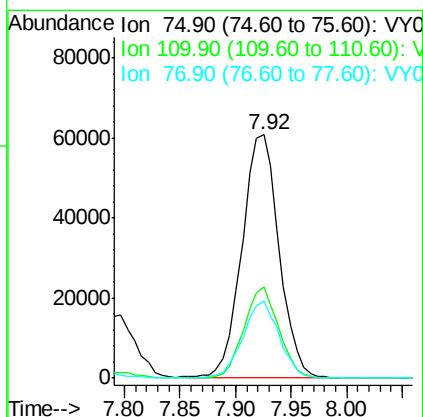
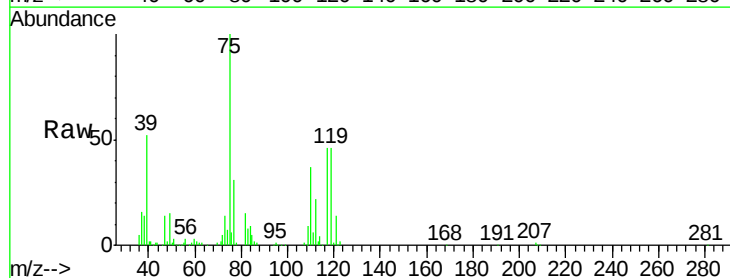
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBSD01

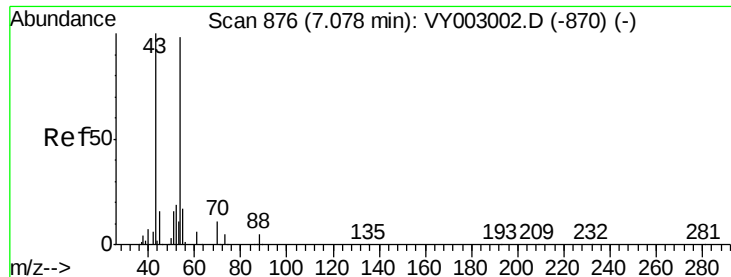
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.9	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 19.947 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.1	51.2
77	31.4	24.9	37.3

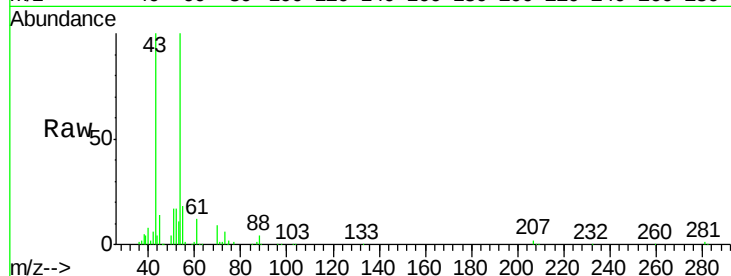




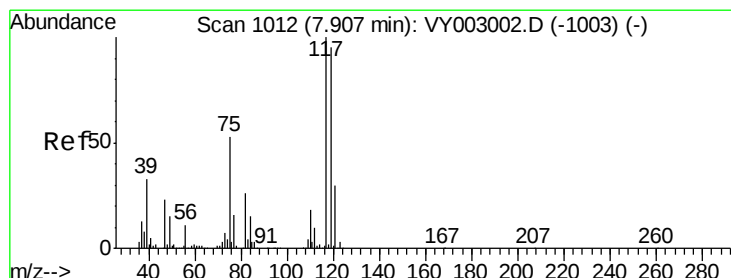
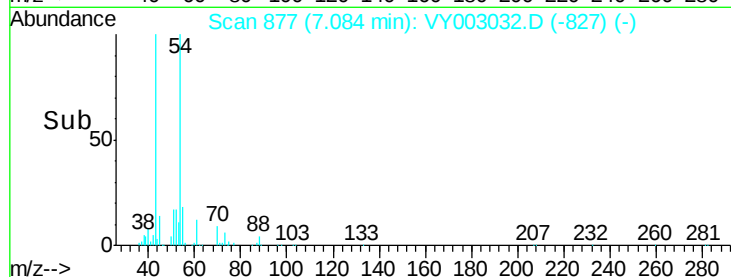
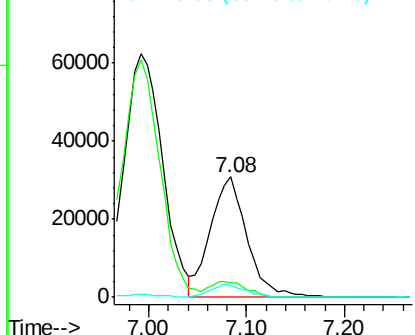
#37
Ethyl Acetate
Concen: 19.023 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion: 43 Resp: 80647
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 10.4 7.7 11.5

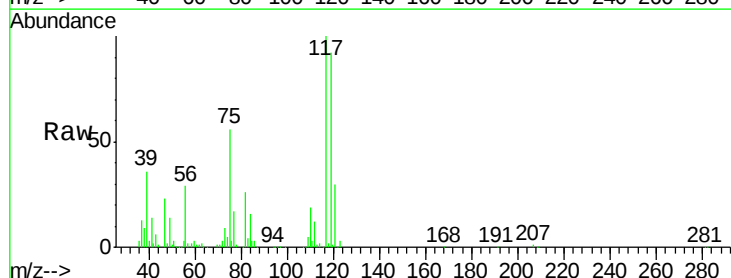


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

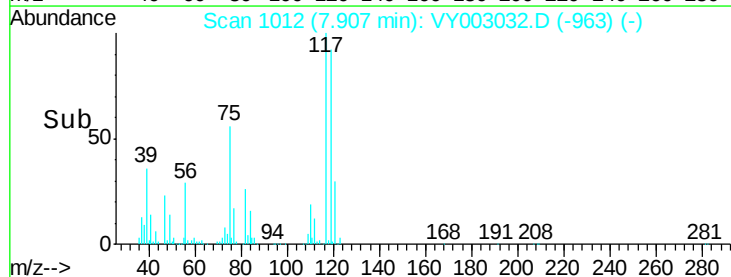
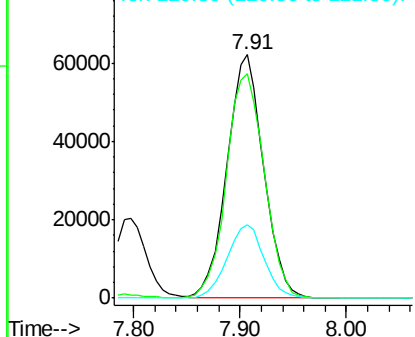


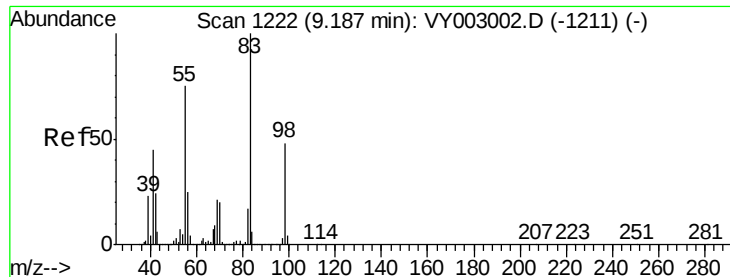
#38
Carbon Tetrachloride
Concen: 20.420 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 117 Resp: 149803
Ion Ratio Lower Upper
117 100
119 92.1 75.7 113.5
121 30.0 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

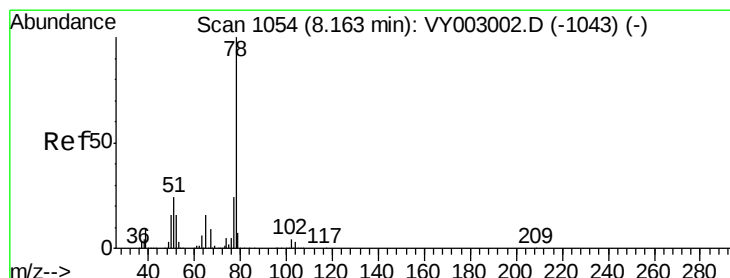
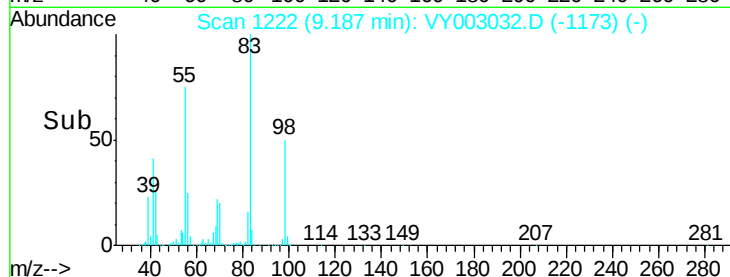
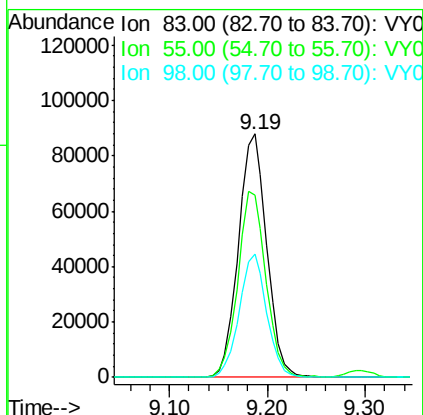
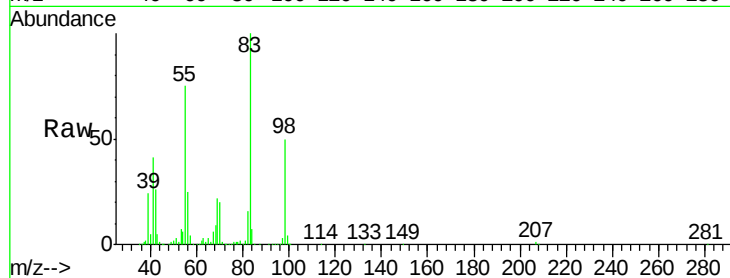




#39
Methvlcvclohexane
Concen: 20.165 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

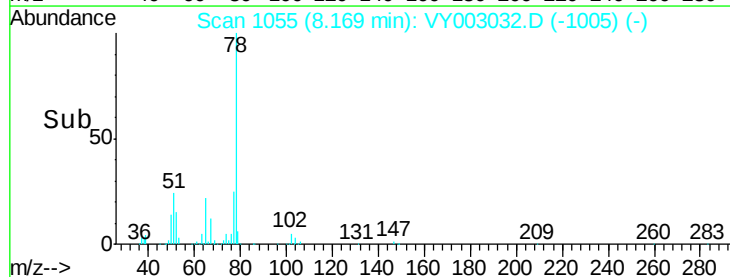
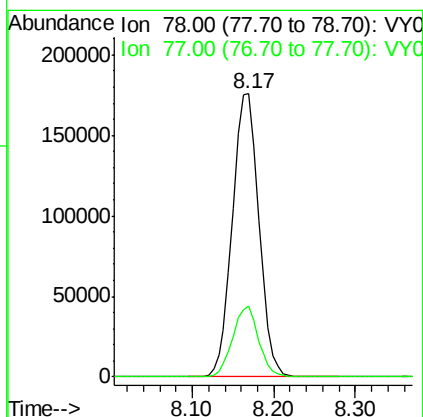
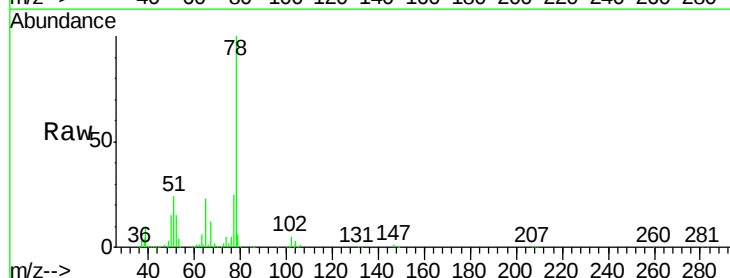
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

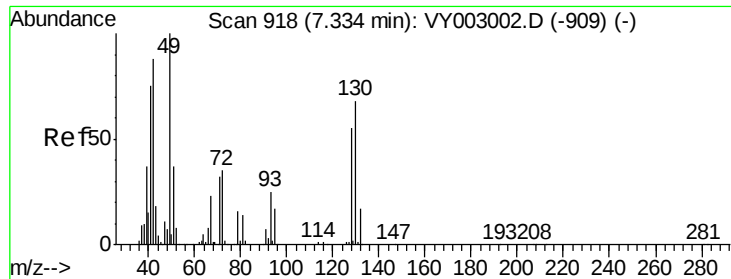
Tot Ion: 83 Resp: 176285
Ion Ratio Lower Upper
83 100
55 74.7 59.9 89.9
98 50.4 38.7 58.1



#40
Benzene
Concen: 20.347 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 78 Resp: 392782
Ion Ratio Lower Upper
78 100
77 25.2 19.2 28.8

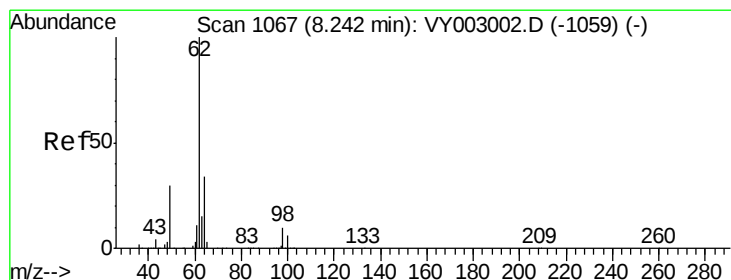
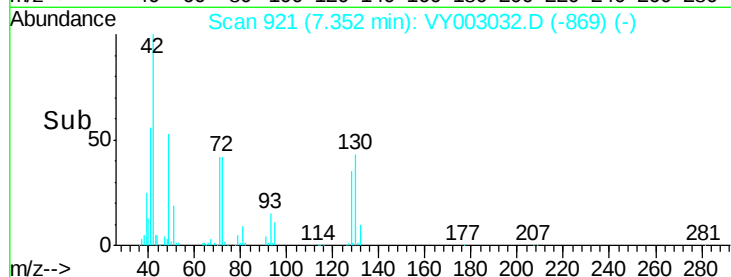
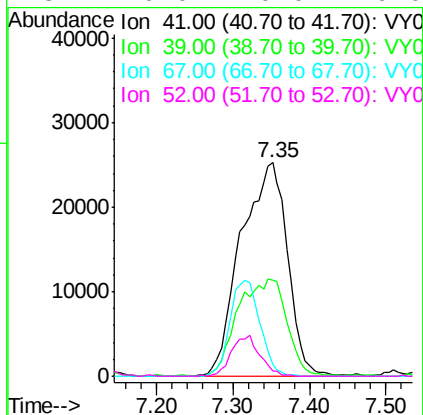
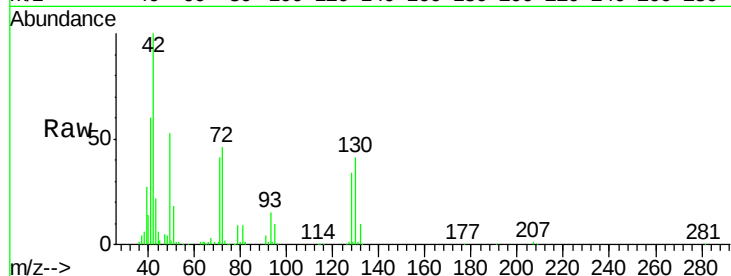




#41
Methacrylonitrile
Concen: 46.923 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

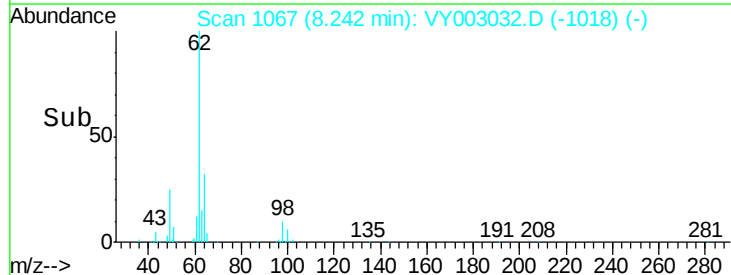
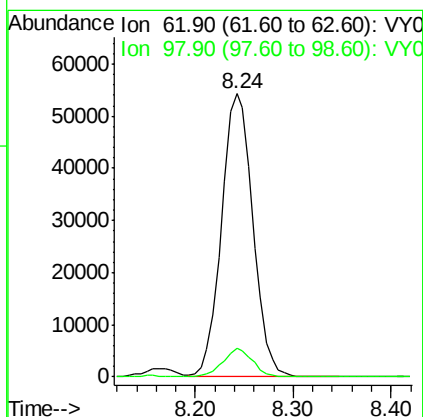
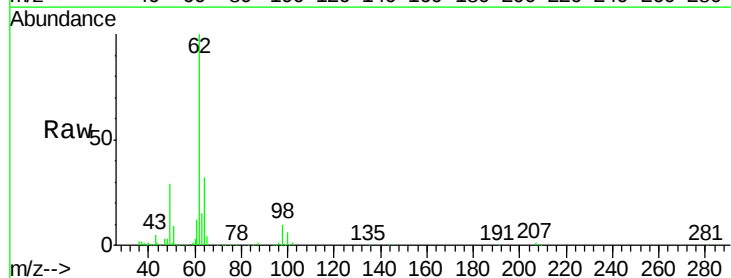
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

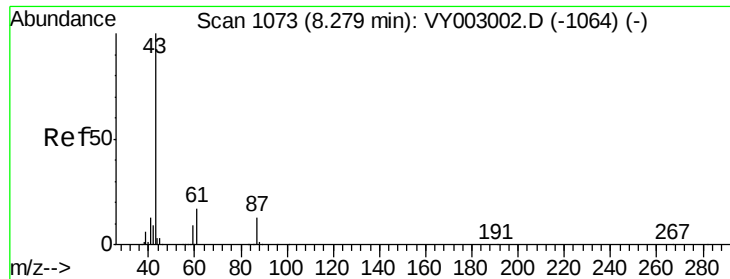
Tot Ion: 41 Resp: 106264
Ion Ratio Lower Upper
41 100
39 48.1 85.7 128.5#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.773 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 62 Resp: 120752
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.2



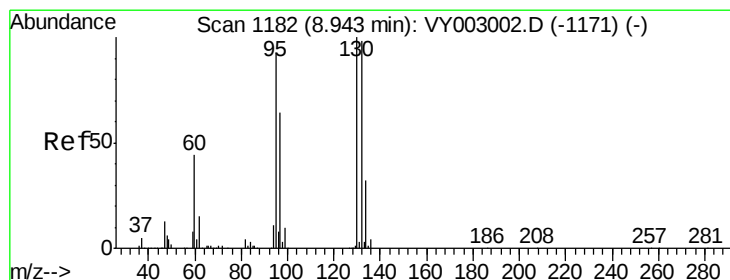
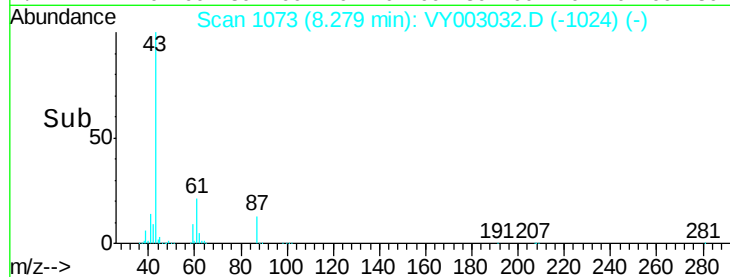
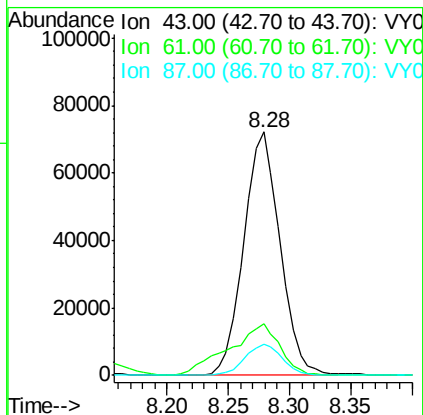
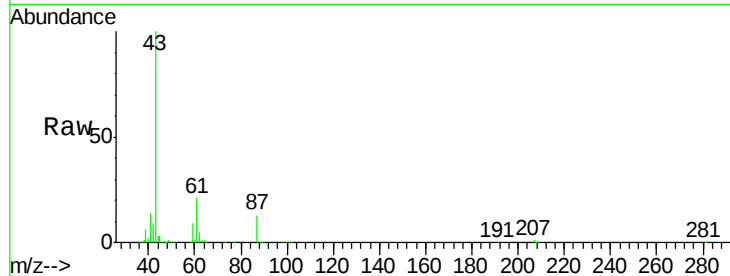


#43

Isopropyl Acetate
 Concen: 18.498 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

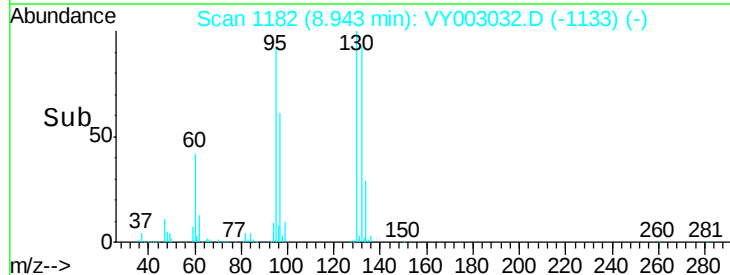
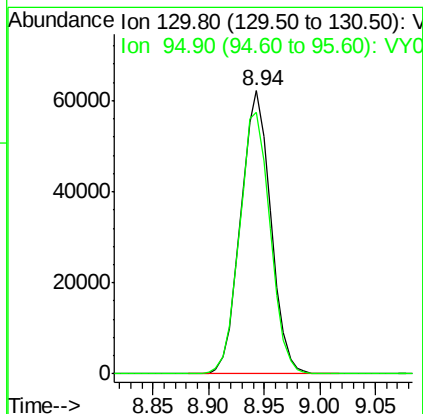
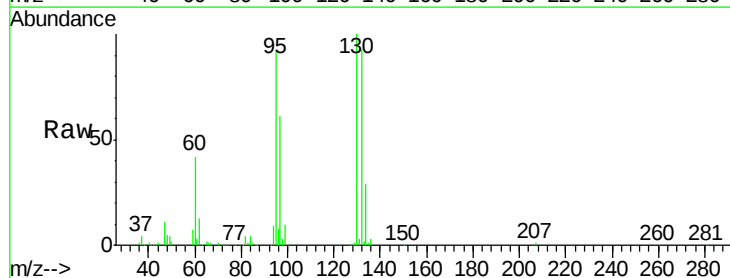
Tot Ion	43	Resp	149081
Ion Ratio	Lower	Upper	
43	100		
61	29.8	21.8	32.6
87	13.3	10.1	15.1

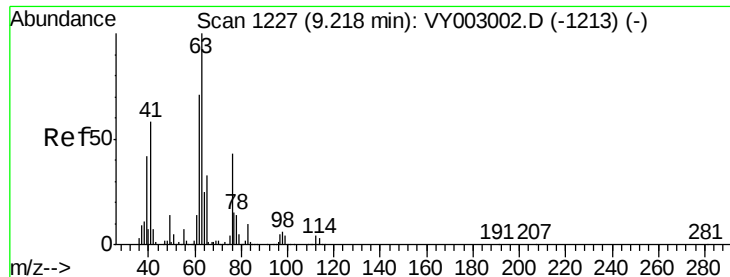


#44

Trichloroethene
 Concen: 20.786 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	130	Resp	116627
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	186.4





#45

1,2-Dichloropropane

Concen: 19.601 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

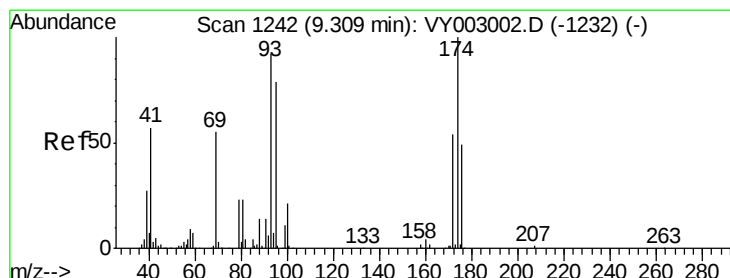
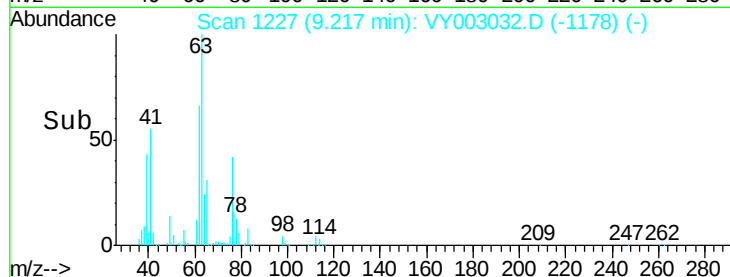
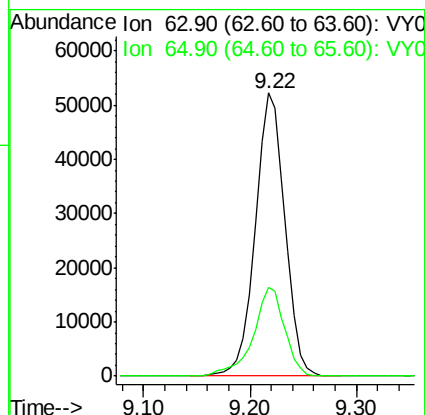
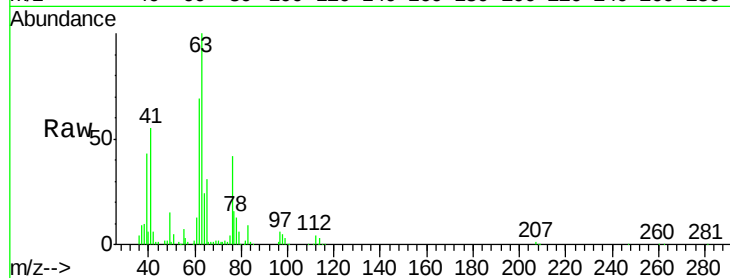
VY0630SBS01

Tot Ion: 63 Resp: 101798

Ion Ratio Lower Upper

63 100

65 31.4 26.2 39.4



#46

Dibromomethane

Concen: 19.273 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

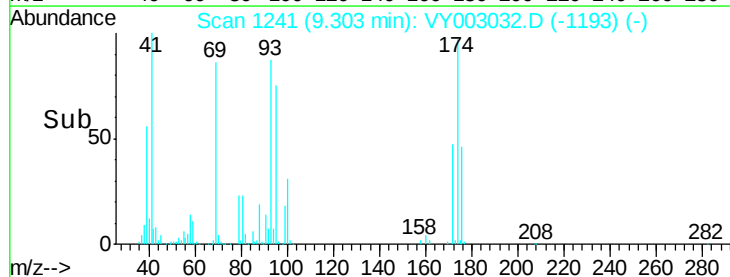
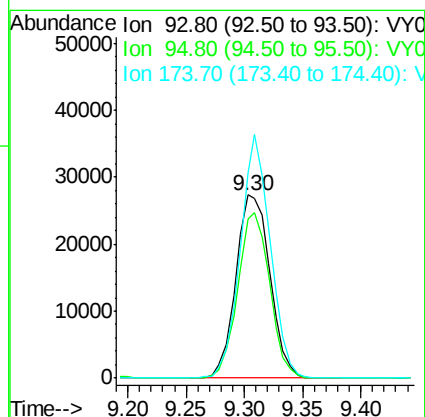
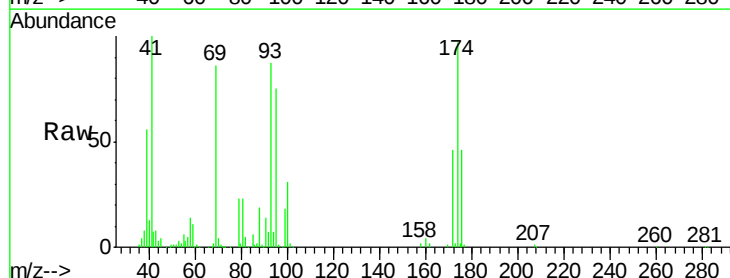
Tgt Ion: 93 Resp: 55903

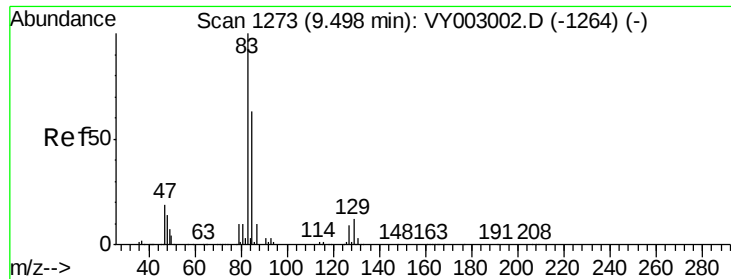
Ion Ratio Lower Upper

93 100

95 84.6 67.6 101.4

174 116.5 88.3 132.5





#47

Bromodichloromethane

Concen: 20.060 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBSD01

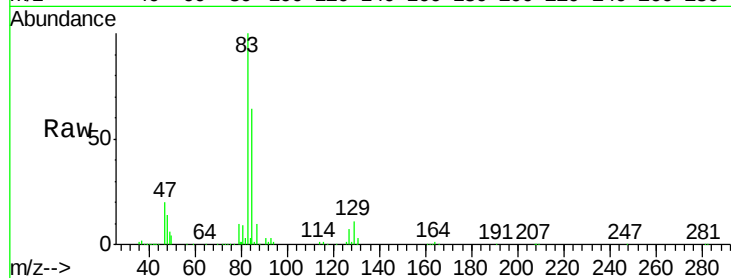
Tot Ion: 83 Resp: 142479

Ion Ratio Lower Upper

83 100

85 64.2 50.5 75.7

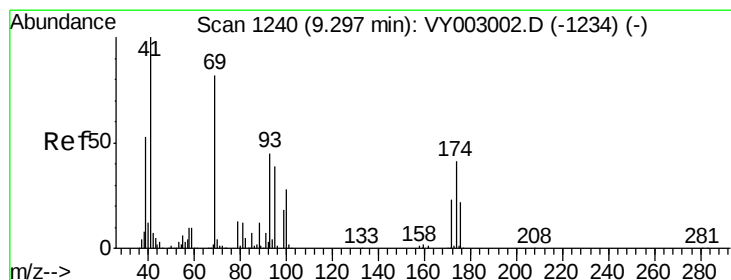
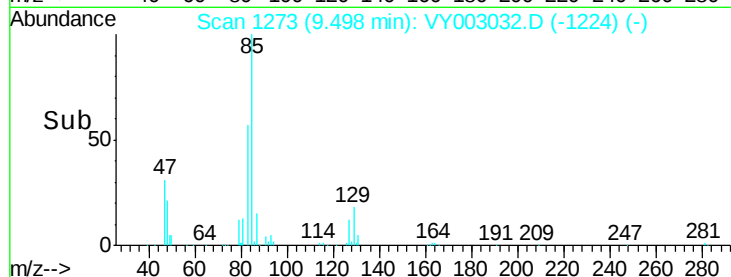
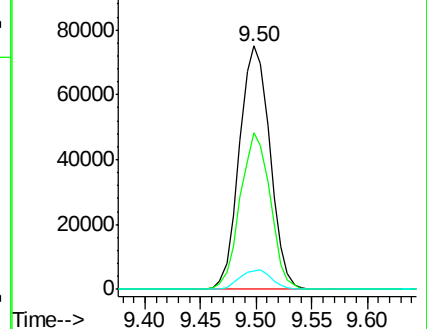
127 7.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.793 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

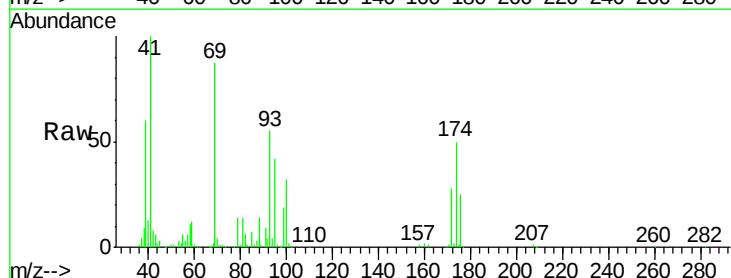
Tgt Ion: 41 Resp: 68942

Ion Ratio Lower Upper

41 100

69 88.2 67.7 101.5

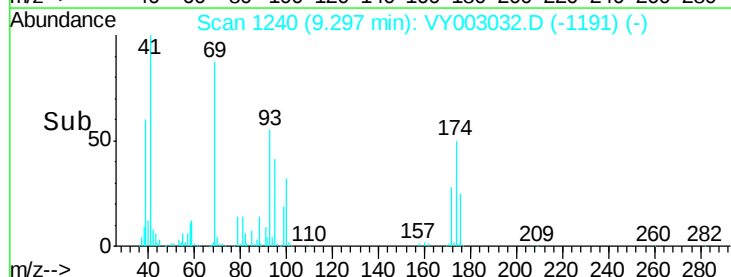
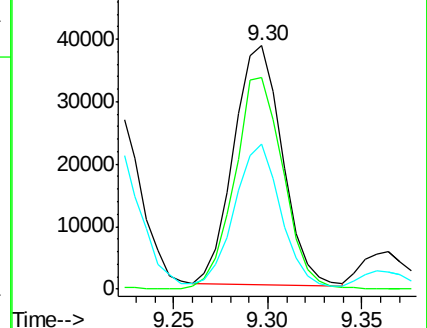
39 58.7 45.0 67.4

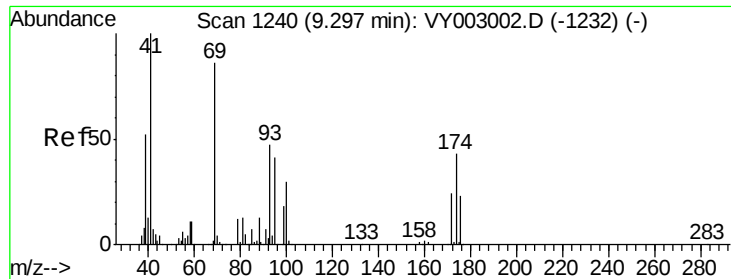


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

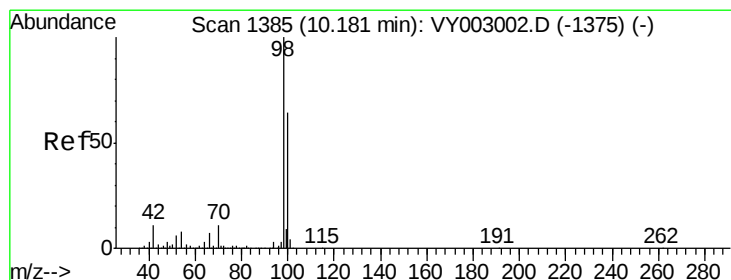
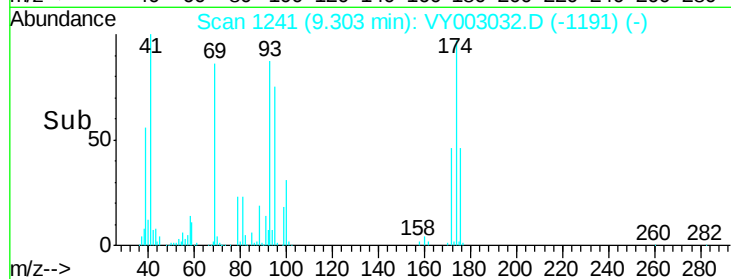
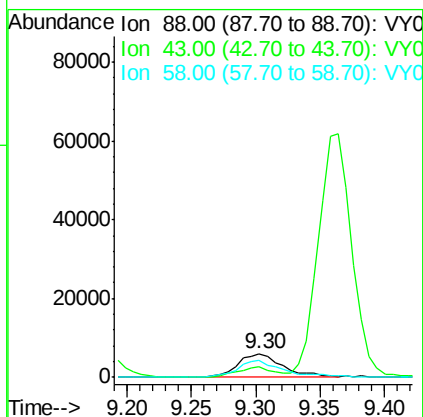
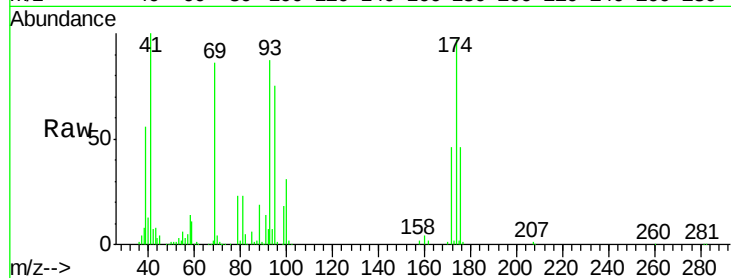




#49
 1,4-Dioxane
 Concen: 414.286 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

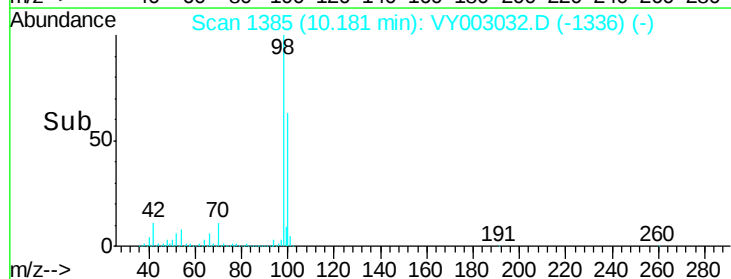
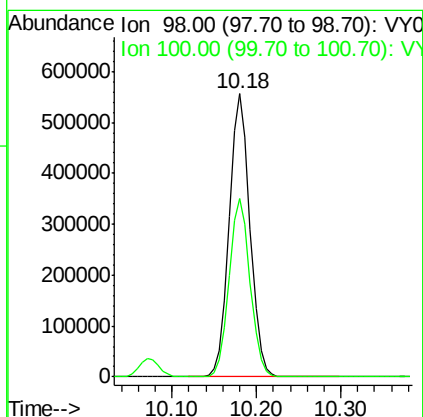
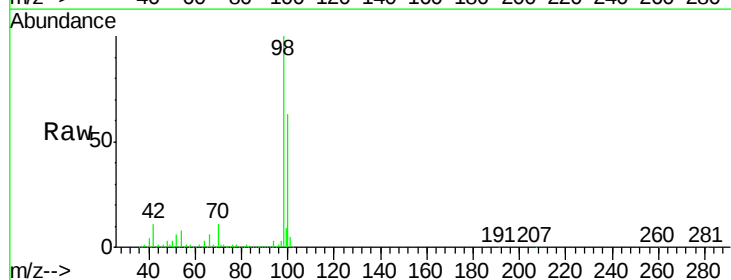
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

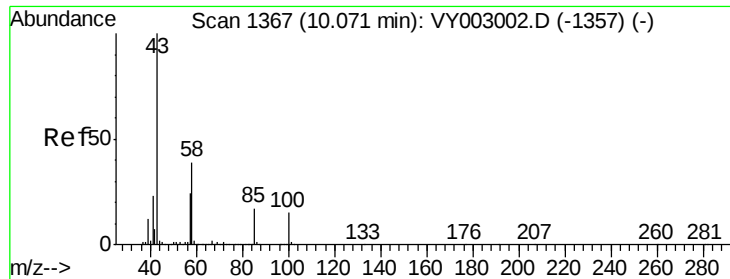
Tot Ion: 88 Resp: 14669
 Ion Ratio Lower Upper
 88 100
 43 33.5 28.6 42.8
 58 66.9 56.7 85.1



#50
 Toluene-d8
 Concen: 54.750 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion: 98 Resp: 931410
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.1 76.7

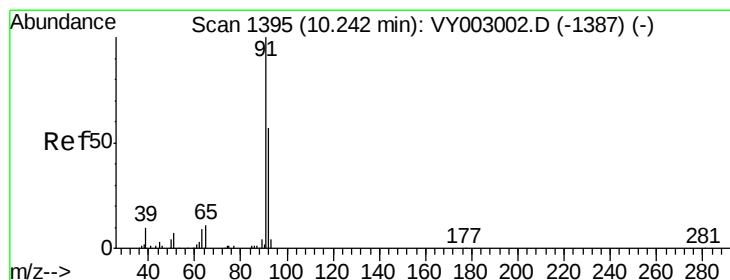
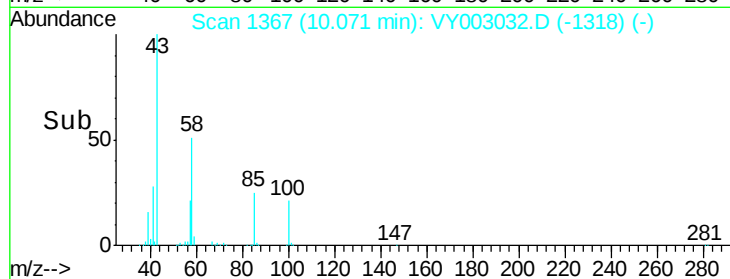
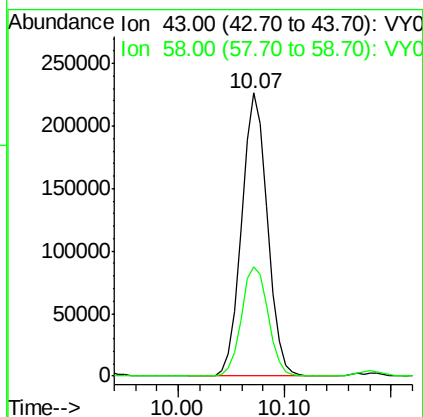
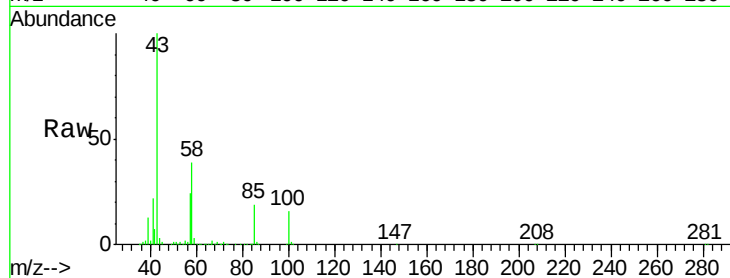




#51
4-Methyl-2-Pentanone
Concen: 92.522 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

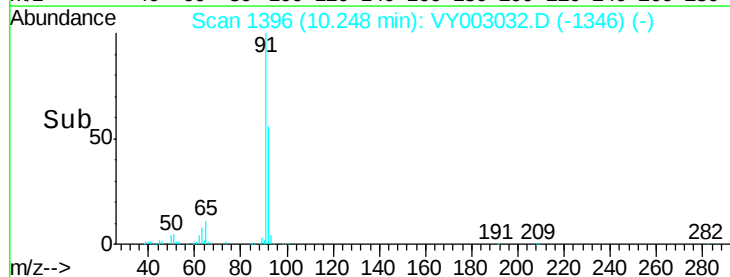
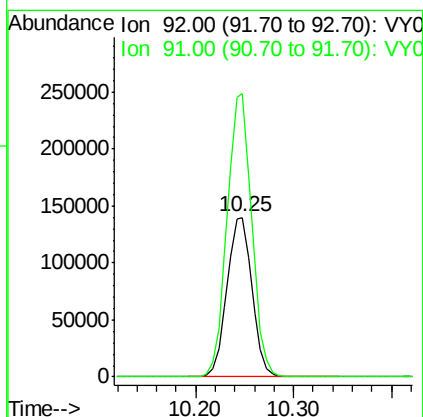
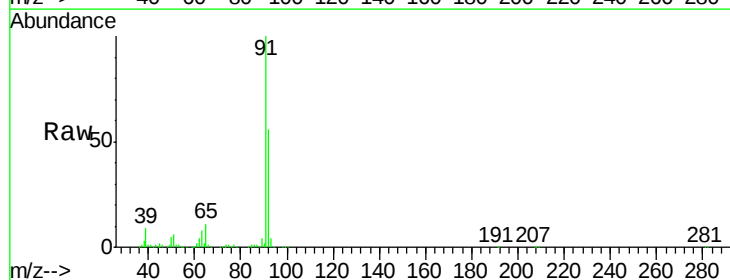
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

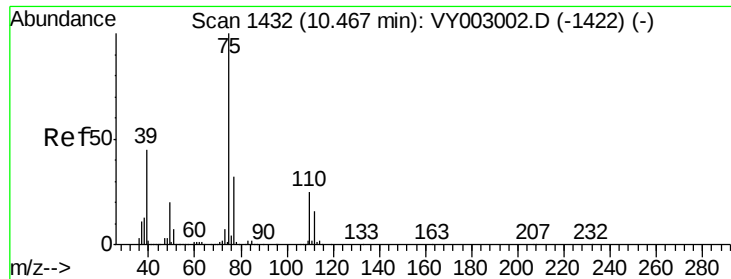
Tot Ion: 43 Resp: 385408
Ion Ratio Lower Upper
43 100
58 40.0 31.1 46.7



#52
Toluene
Concen: 20.430 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 92 Resp: 248258
Ion Ratio Lower Upper
92 100
91 174.5 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 19.604 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampled :

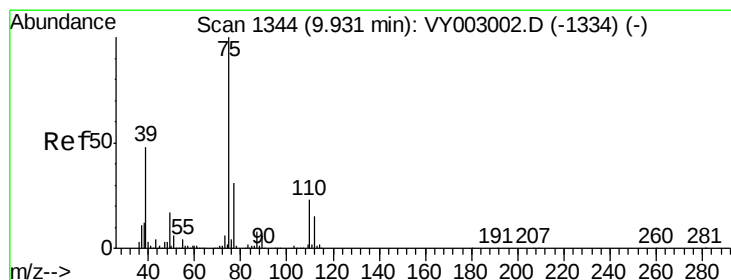
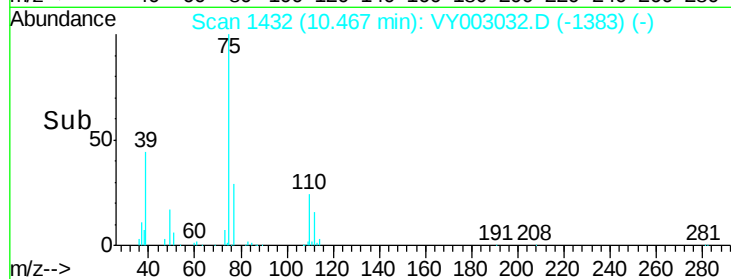
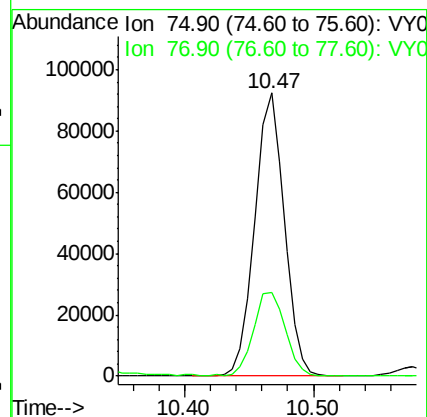
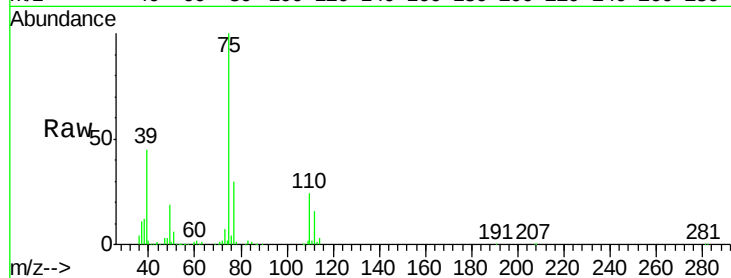
VY0630SBS01

Tot Ion: 75 Resp: 145984

Ion Ratio Lower Upper

75 100

77 29.6 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 19.844 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

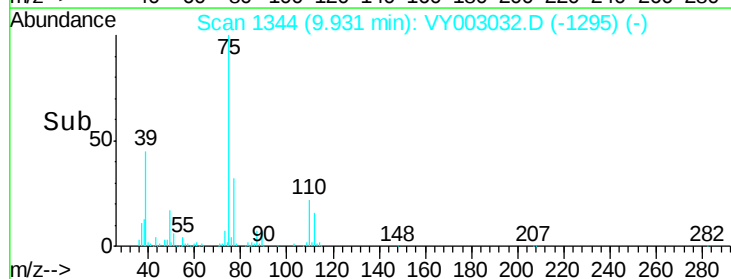
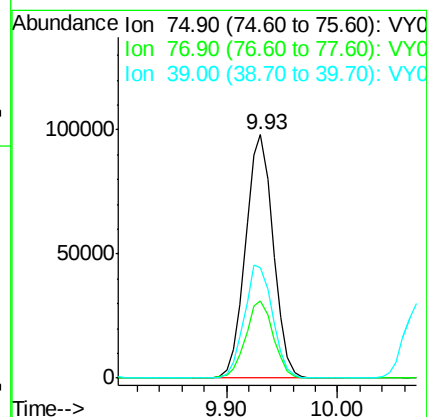
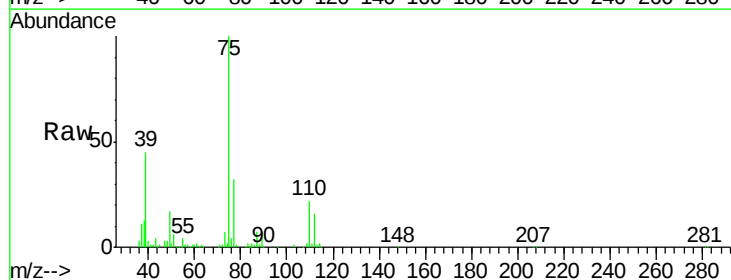
Tgt Ion: 75 Resp: 168994

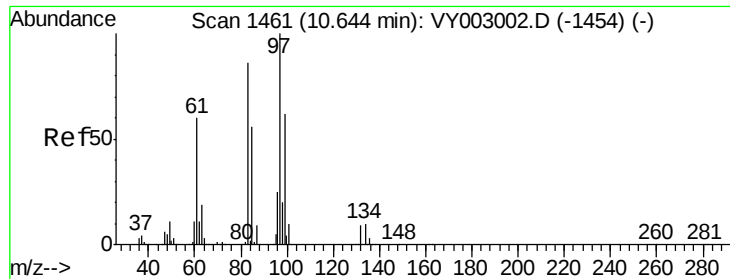
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 45.5 38.3 57.5

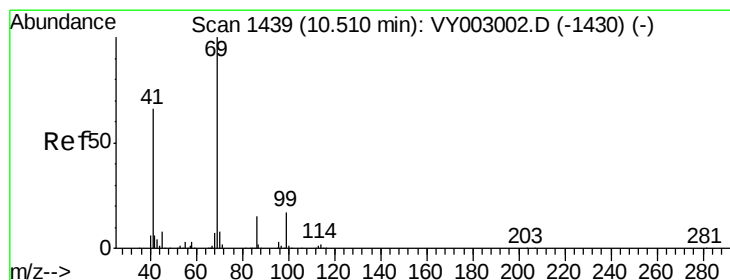
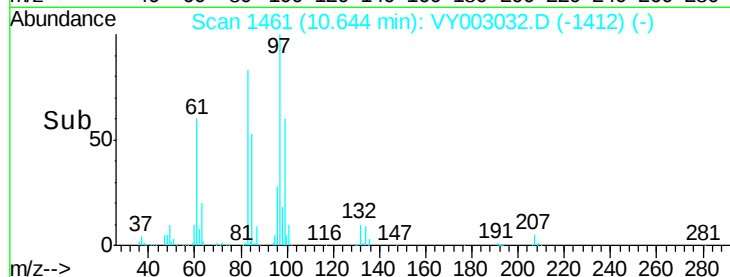
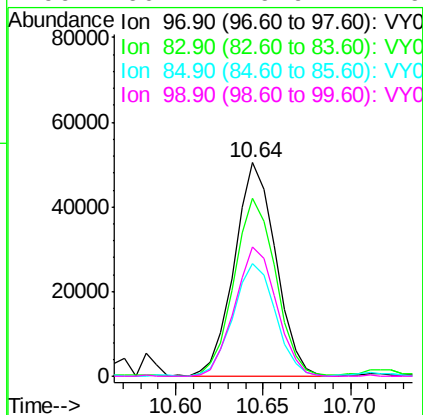
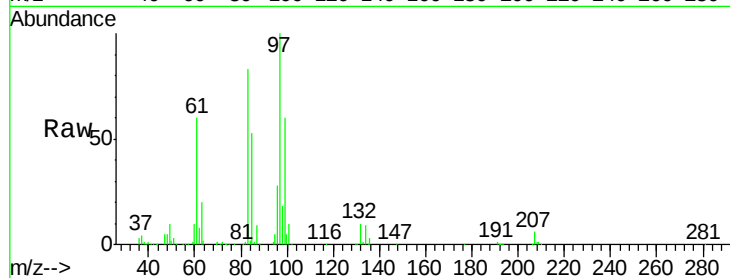




#55
 1,1,2-Trichloroethane
 Concen: 20.567 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

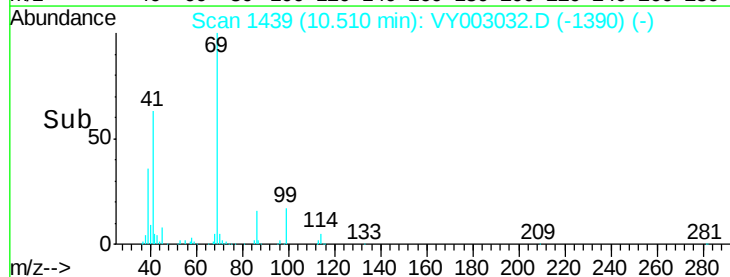
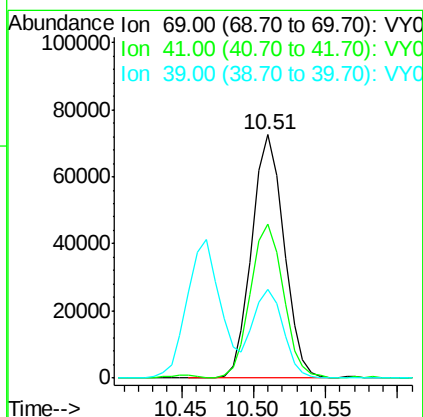
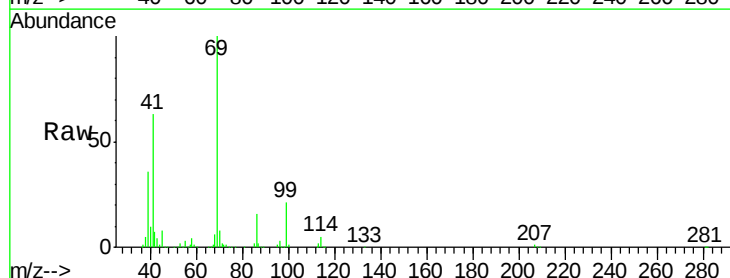
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

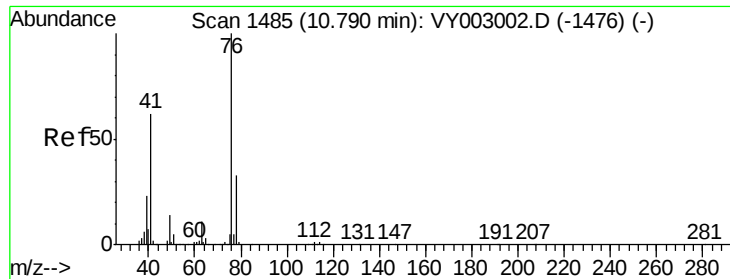
Tot Ion:	97	Resp:	82900
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.6
85	52.5	44.8	67.2
99	60.4	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.304 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion:	69	Resp:	112629
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.7	80.5
39	33.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.923 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

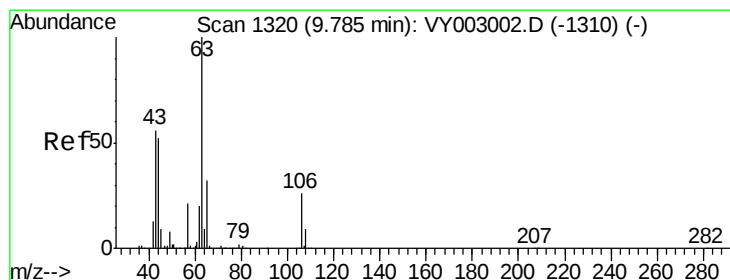
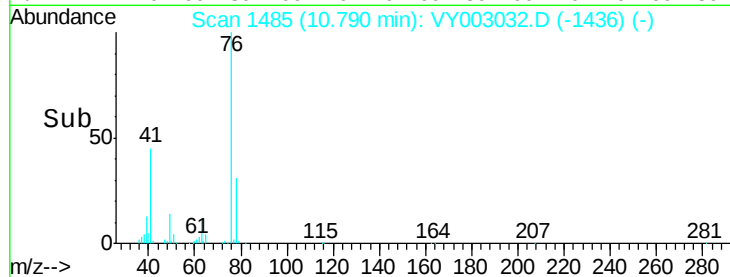
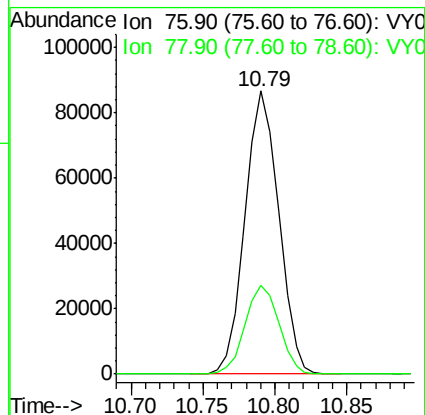
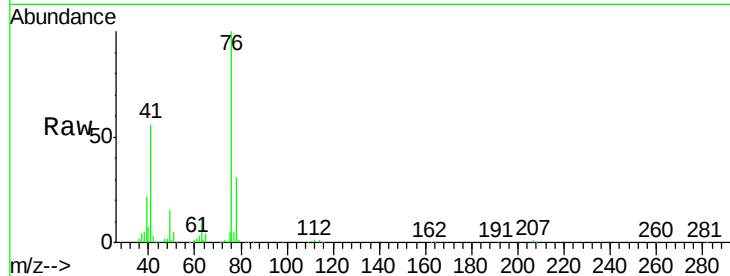
VY0630SBS01

Tot Ion: 76 Resp: 140976

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.206 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003032.D

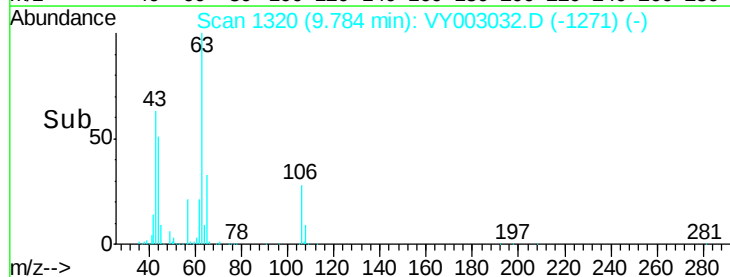
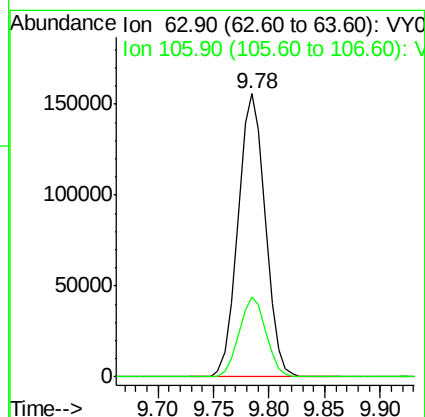
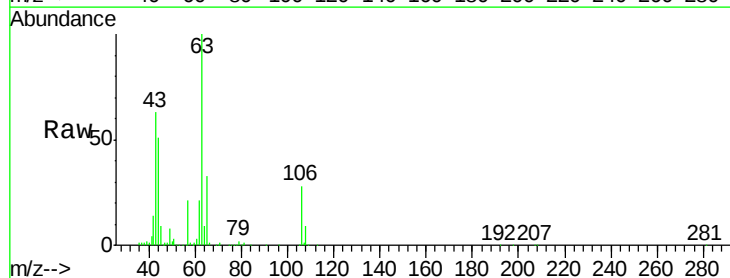
Acq: 30 Jun 2020 13:50

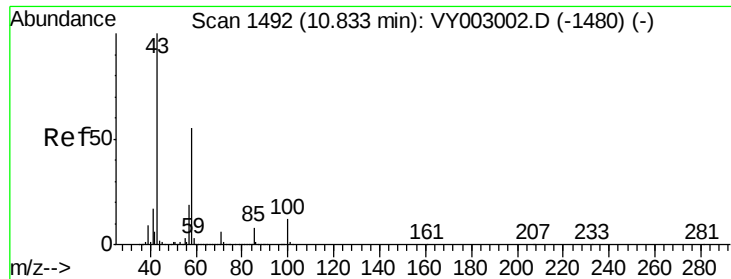
Tgt Ion: 63 Resp: 263949

Ion Ratio Lower Upper

63 100

106 27.8 21.5 32.3





#59

2-Hexanone

Concen: 94.535 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

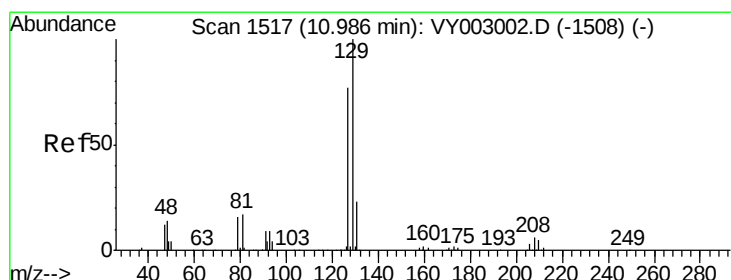
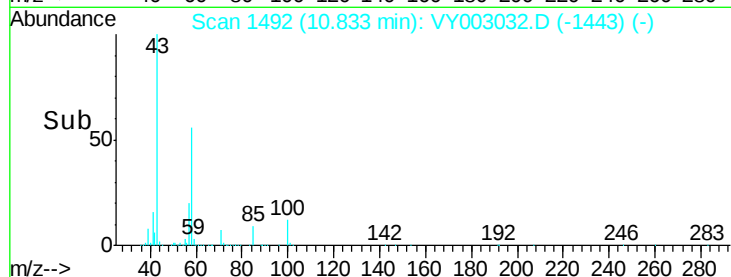
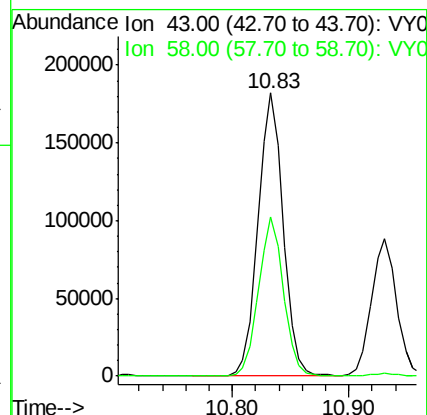
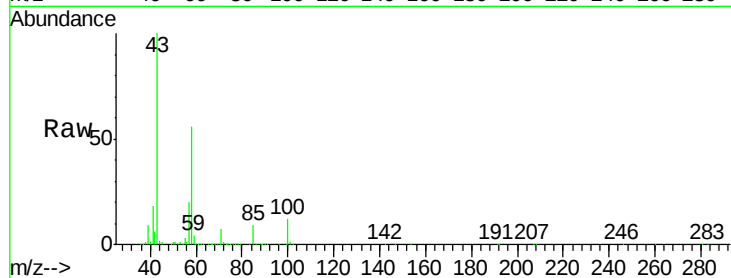
VY0630SBS01

Tot Ion: 43 Resp: 275248

Ion Ratio Lower Upper

43 100

58 55.6 27.5 82.4



#60

Dibromochloromethane

Concen: 19.822 ug/l

RT: 10.99 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VY003032.D

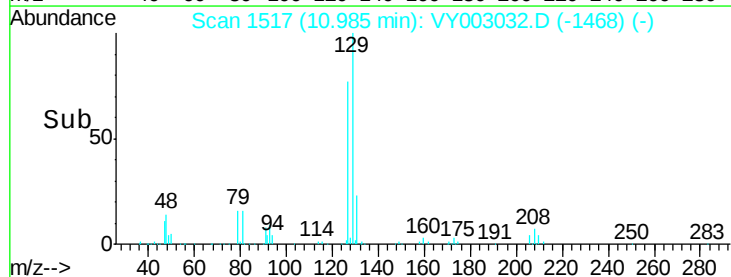
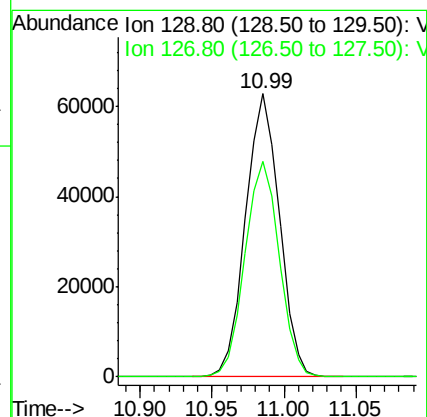
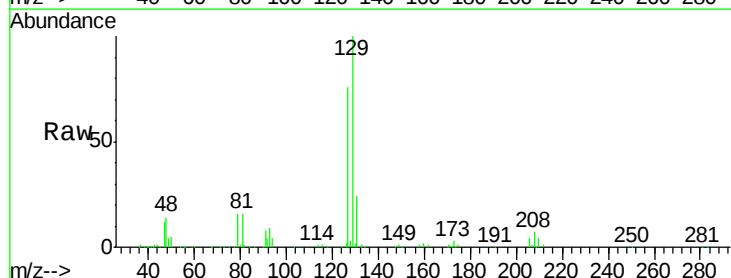
Acq: 30 Jun 2020 13:50

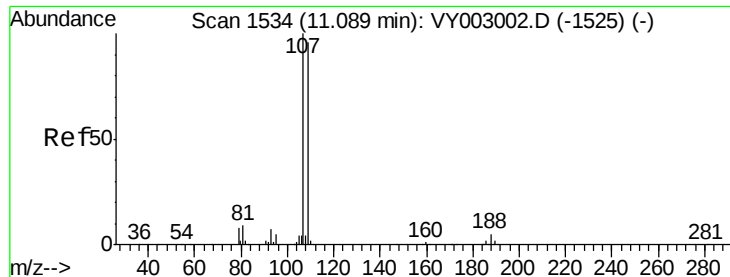
Tgt Ion: 129 Resp: 102247

Ion Ratio Lower Upper

129 100

127 77.5 39.1 117.3

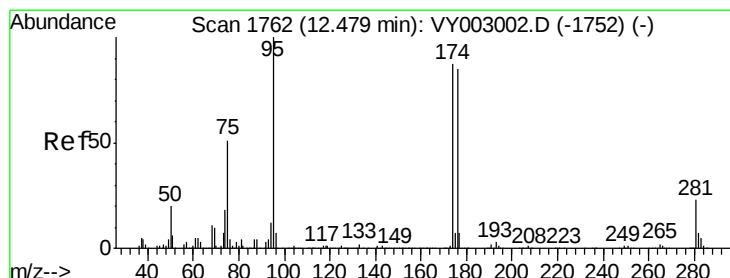
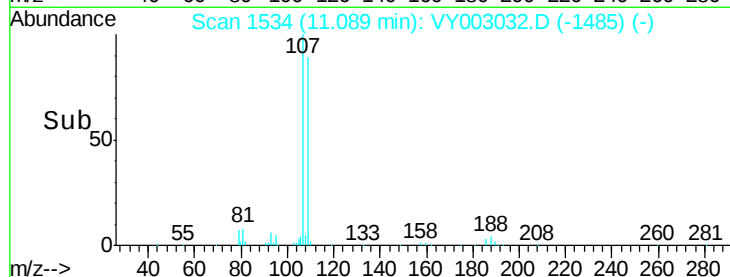
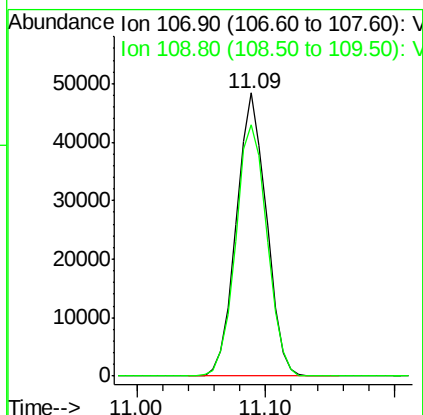
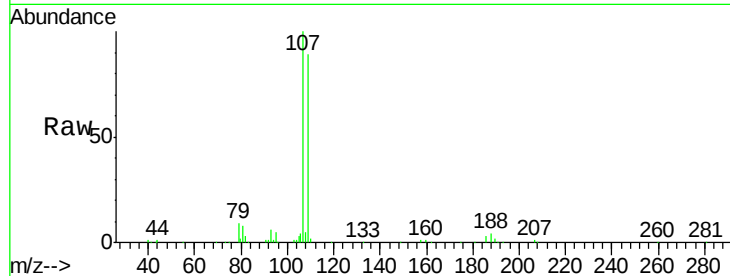




#61
 1,2-Dibromoethane
 Concen: 19.709 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

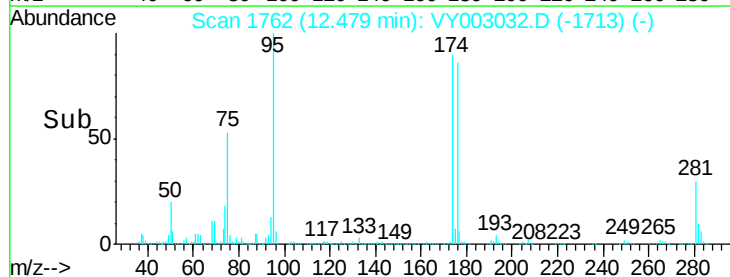
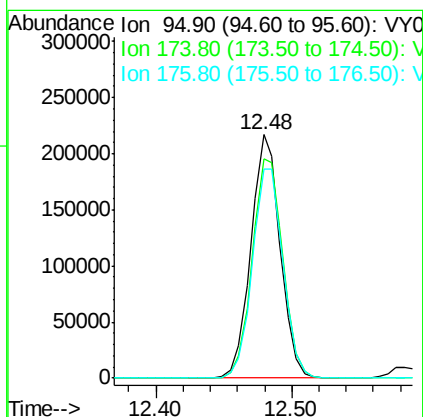
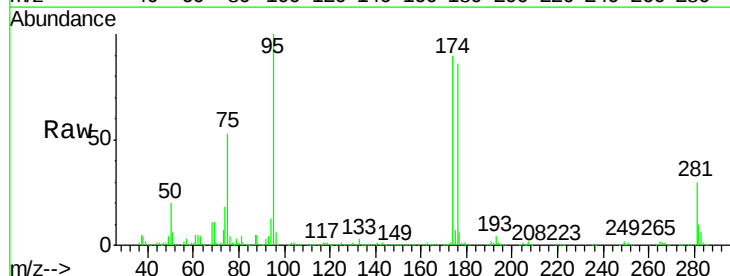
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBSD01

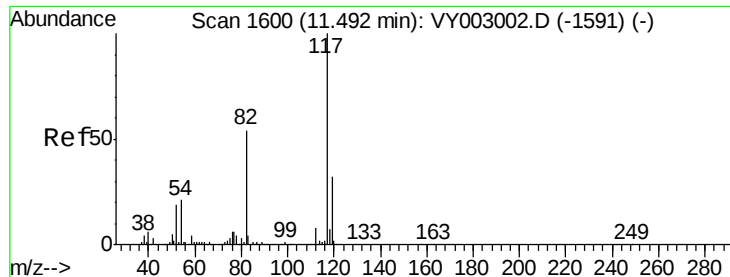
Tot Ion: 107 Resp: 78317
 Ion Ratio Lower Upper
 107 100
 109 92.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 54.627 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion: 95 Resp: 327117
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 184.8
 176 90.0 0.0 183.0

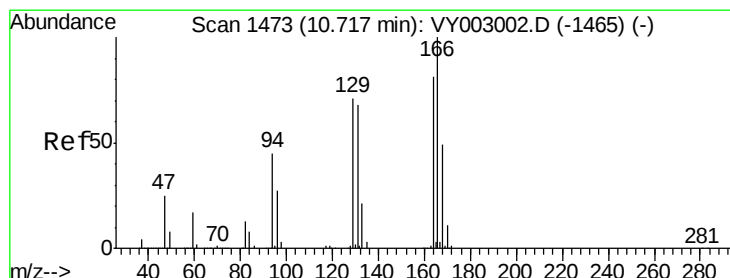
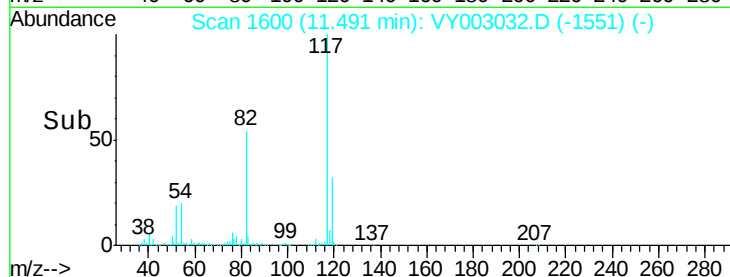
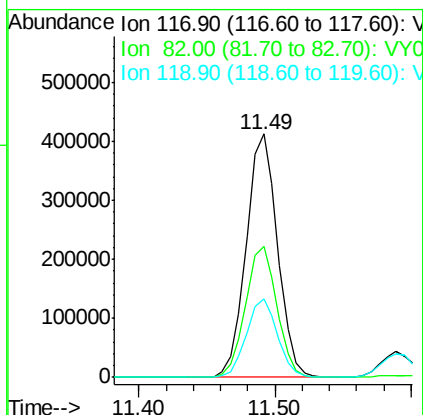
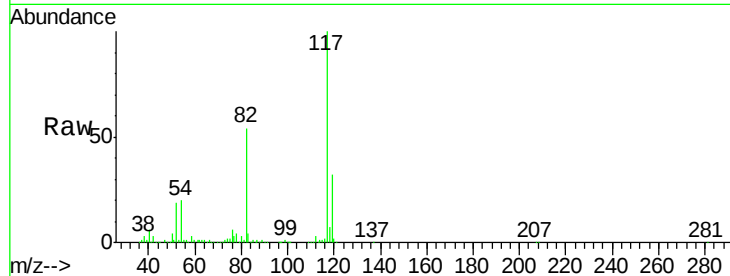




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

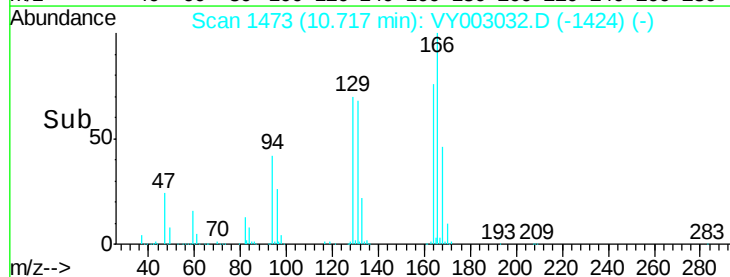
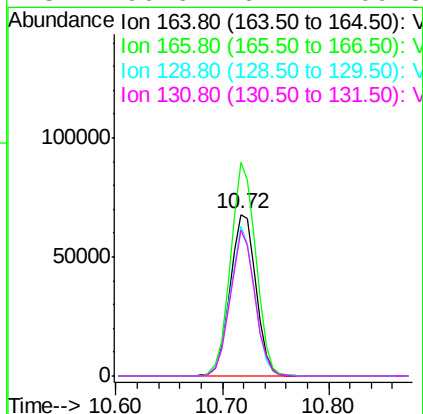
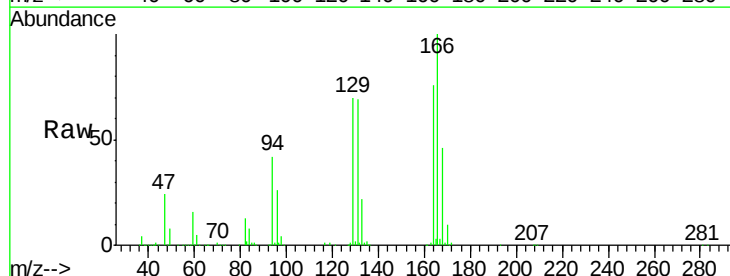
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

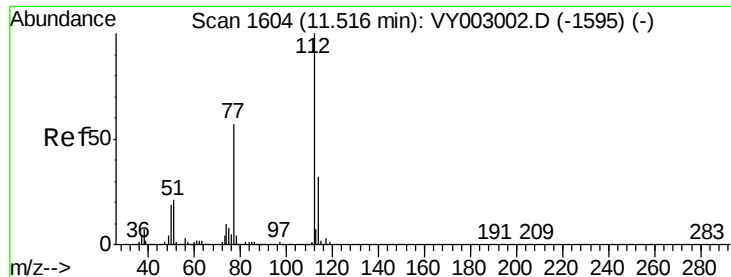
Tot Ion:117 Resp: 663648
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 20.575 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion:164 Resp: 115562
Ion Ratio Lower Upper
164 100
166 132.2 98.5 147.7
129 93.1 69.7 104.5
131 90.6 67.2 100.8

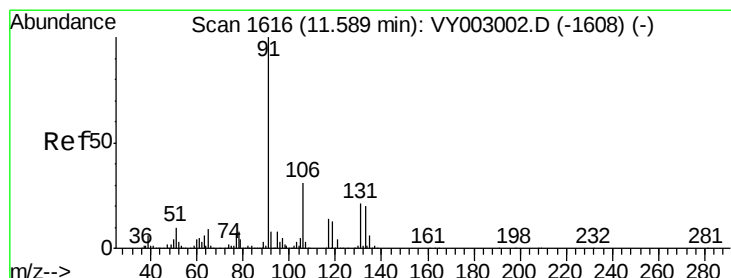
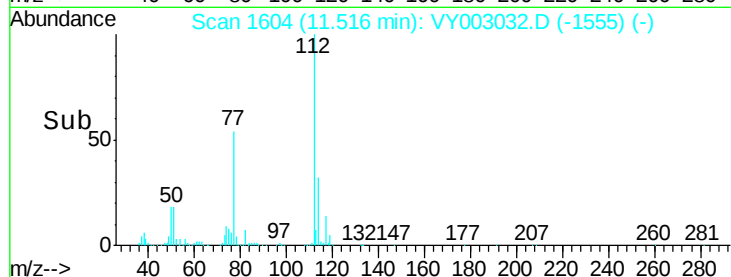
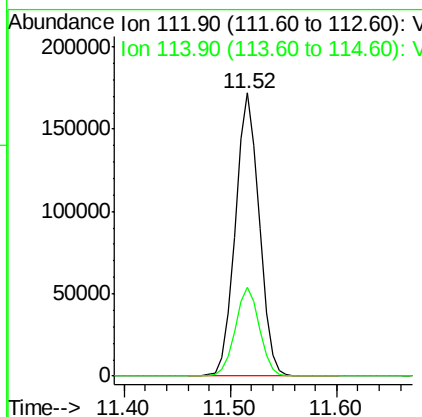
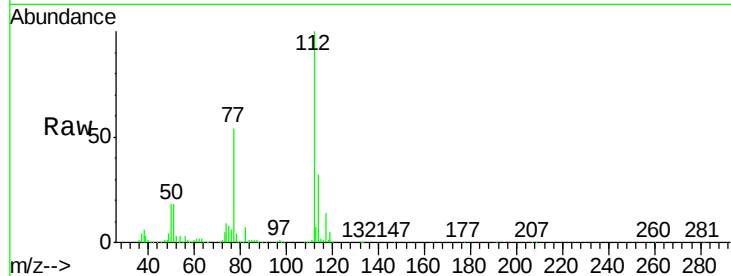




#65
Chlorobenzene
Concen: 20.700 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

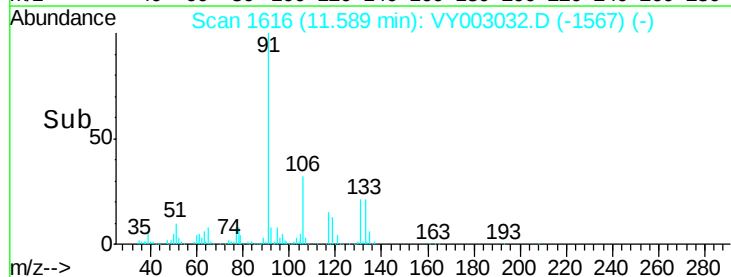
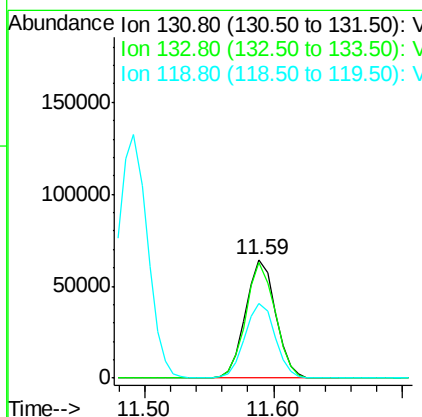
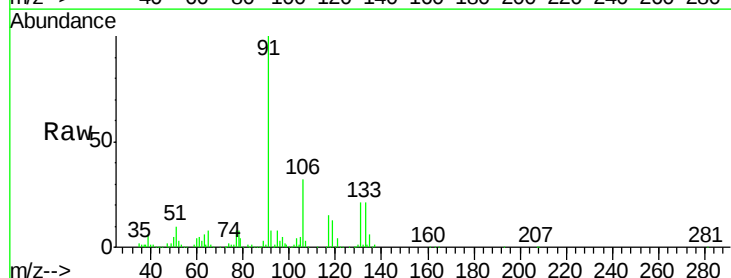
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

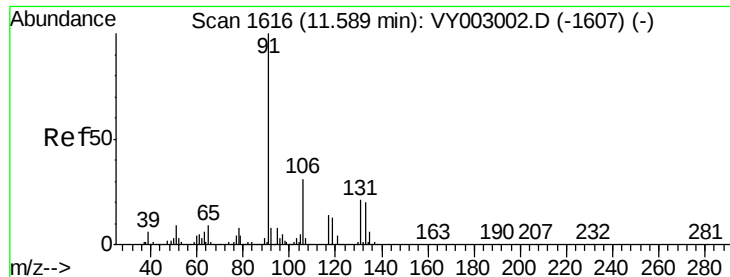
Tot Ion:112 Resp: 270873
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.237 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion:131 Resp: 103390
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 63.8 31.8 95.3





#67

Ethyl Benzene

Concen: 20.381 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

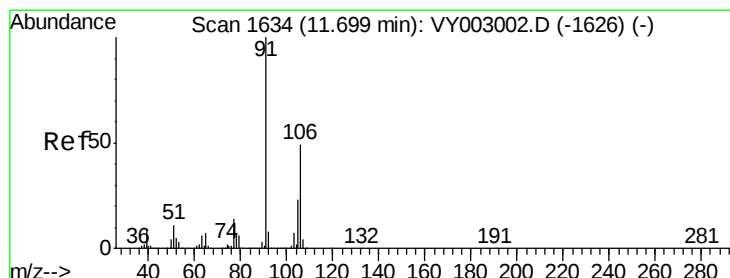
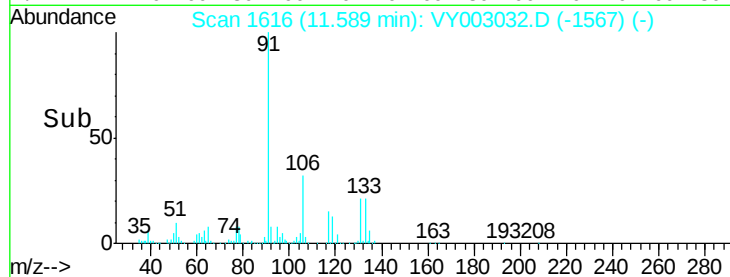
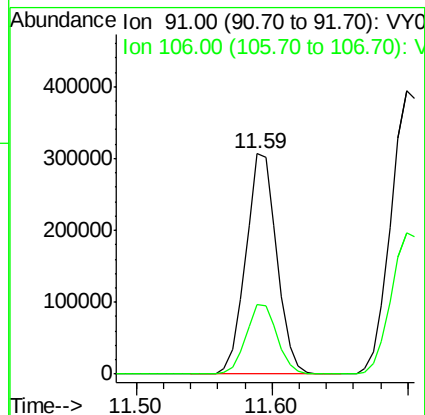
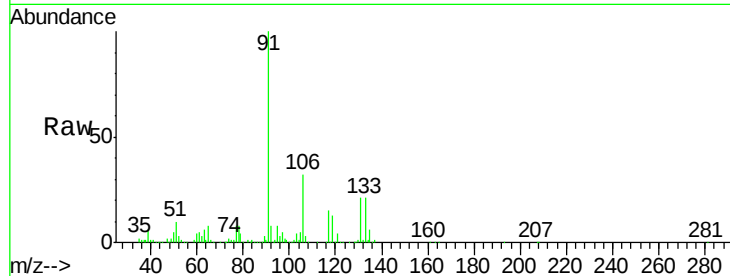
VY0630SBS01

Tot Ion: 91 Resp: 487924

Ion Ratio Lower Upper

91 100

106 31.6 25.0 37.4



#68

m/p-Xylenes

Concen: 41.280 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003032.D

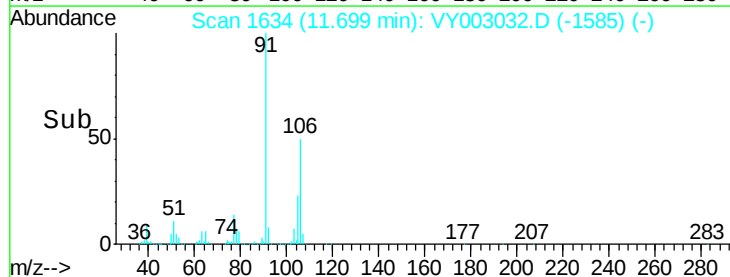
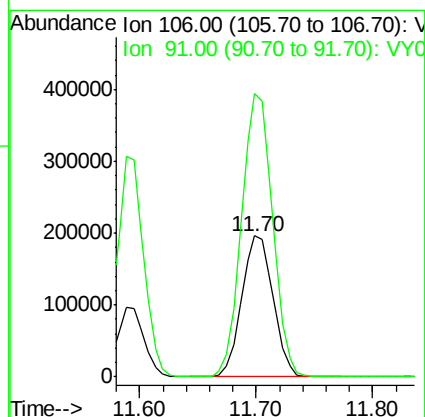
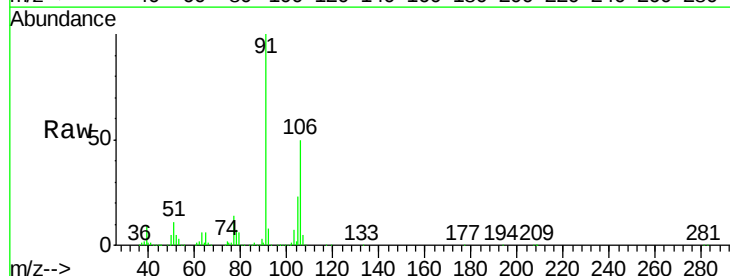
Acq: 30 Jun 2020 13:50

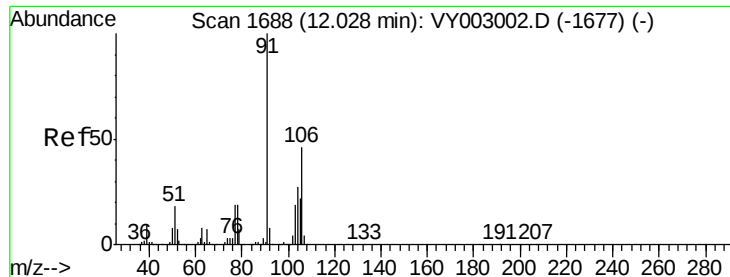
Tgt Ion: 106 Resp: 367803

Ion Ratio Lower Upper

106 100

91 199.6 161.9 242.9

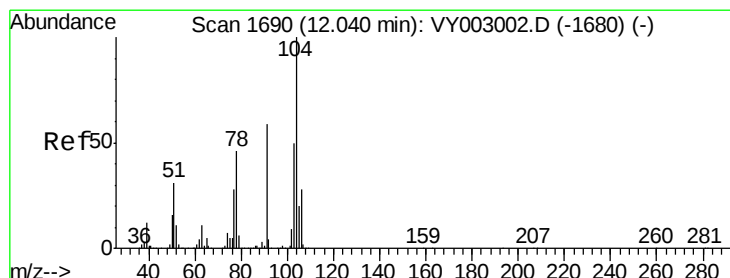
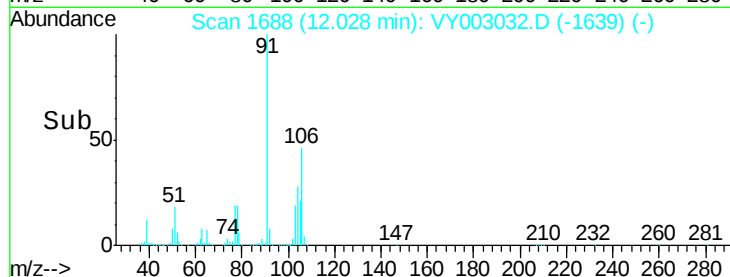
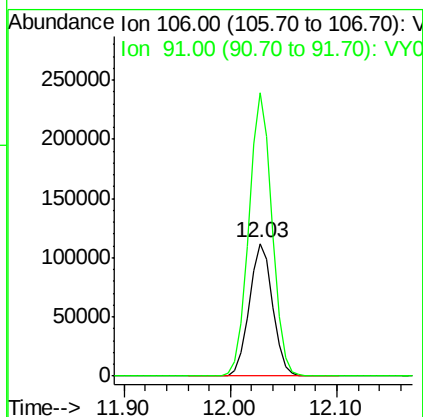
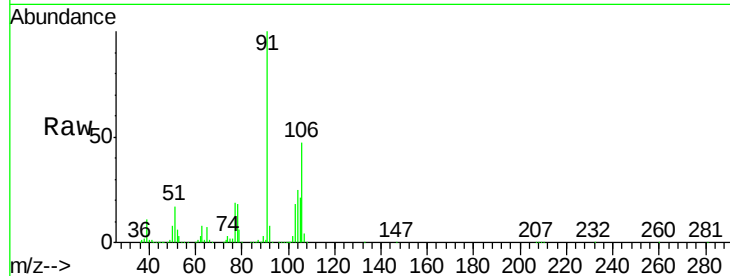




#69
o-Xylene
Concen: 20.537 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

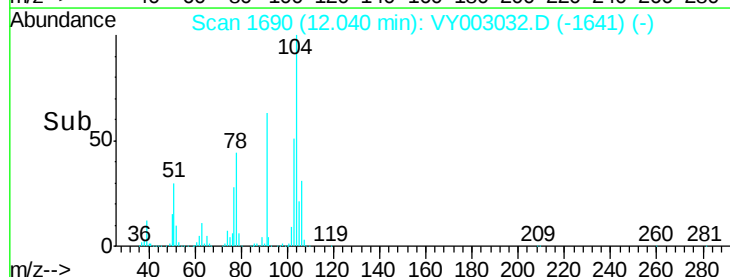
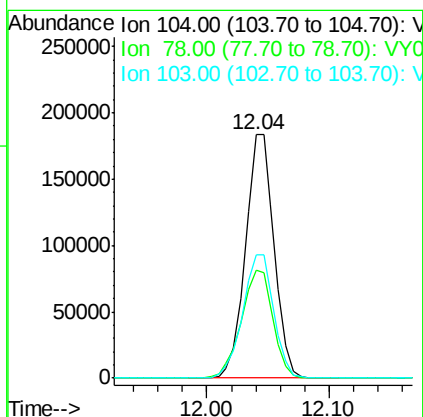
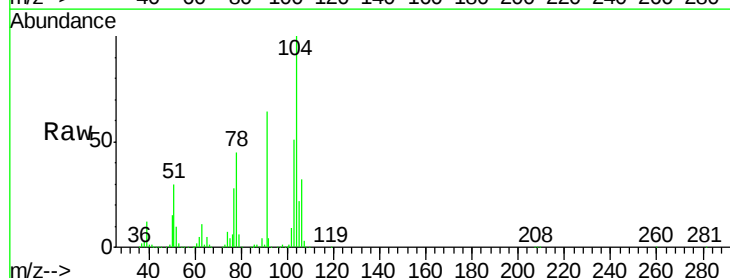
Instrument :
MSVOA_Y
ClientSampled :
VY0630SBS01

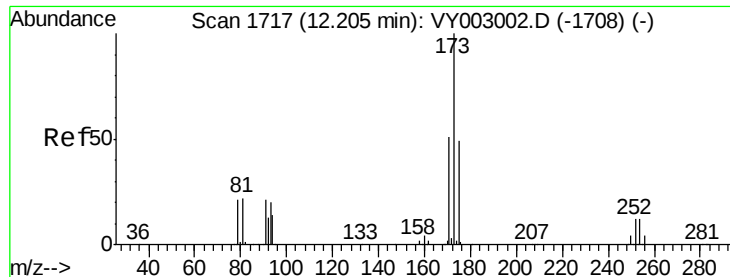
Tot Ion:106 Resp: 172427
Ion Ratio Lower Upper
106 100
91 211.4 107.9 323.8



#70
Styrene
Concen: 20.793 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion:104 Resp: 298247
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 55.0 44.1 66.1





#71

Bromoform

Concen: 20.083 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

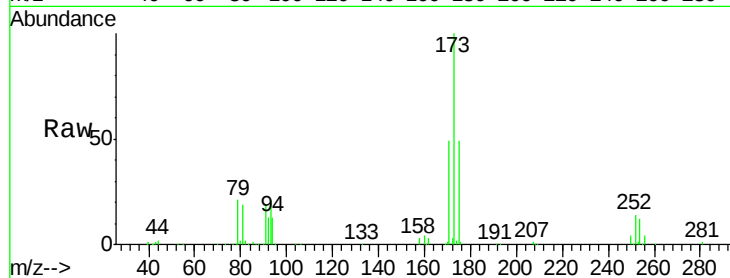
Tot Ion:173 Resp: 68418

Ion Ratio Lower Upper

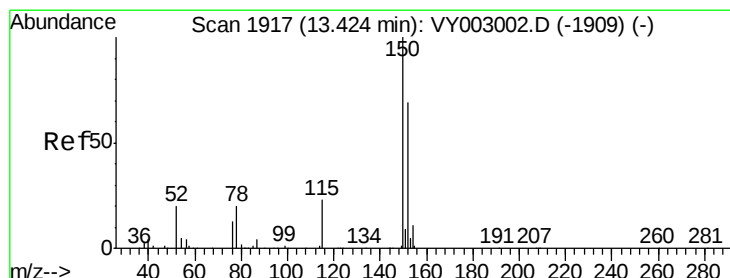
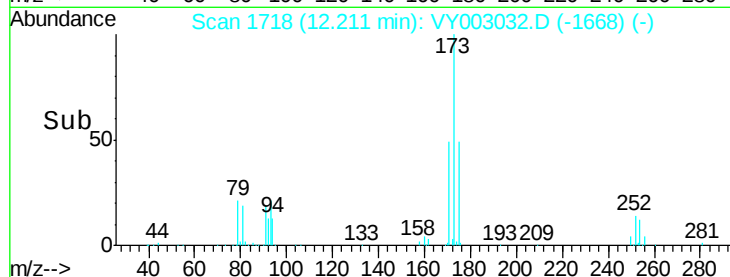
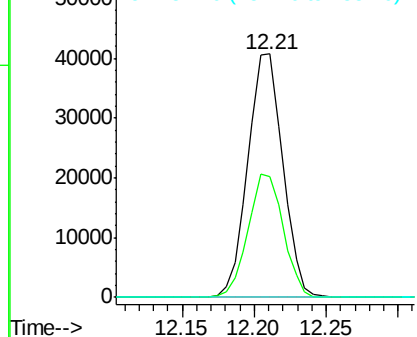
173 100

175 50.7 24.6 73.6

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: VY003032.D

Acq: 30 Jun 2020 13:50

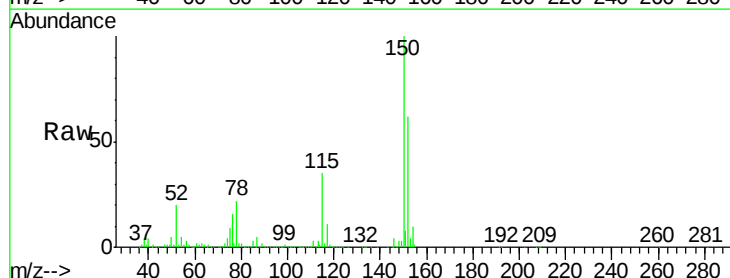
Tgt Ion:152 Resp: 354220

Ion Ratio Lower Upper

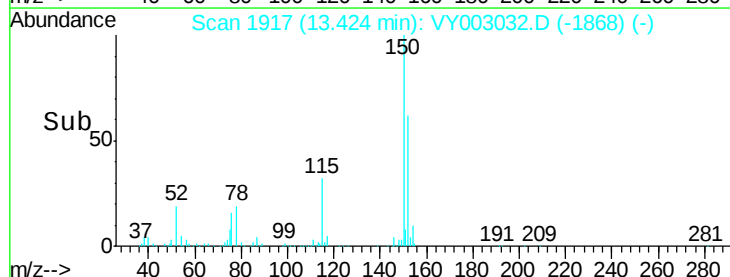
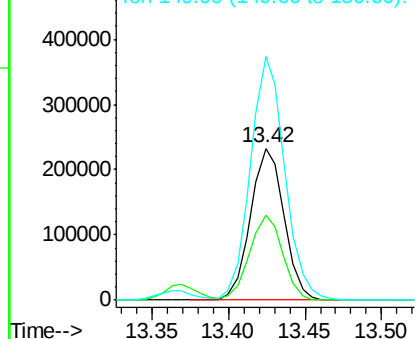
152 100

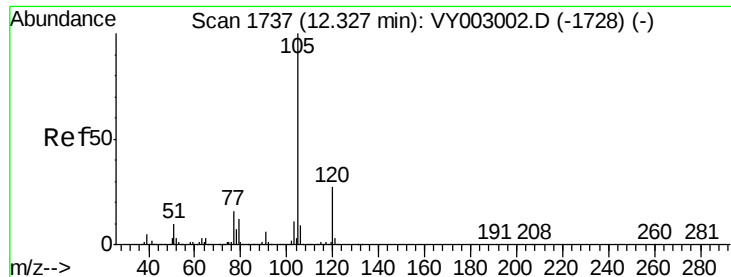
115 54.9 27.3 81.9

150 164.4 0.0 343.4



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





#73

Isopropylbenzene

Concen: 20.746 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

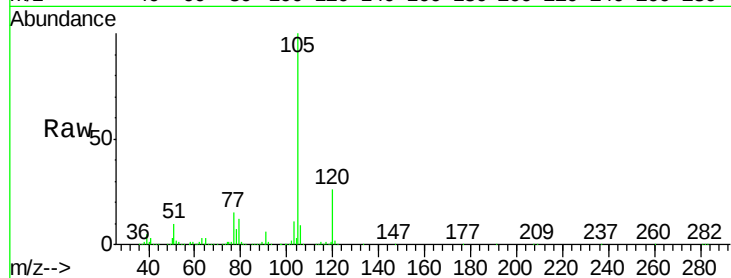
VY0630SBS01

Tot Ion:105 Resp: 480928

Ion Ratio Lower Upper

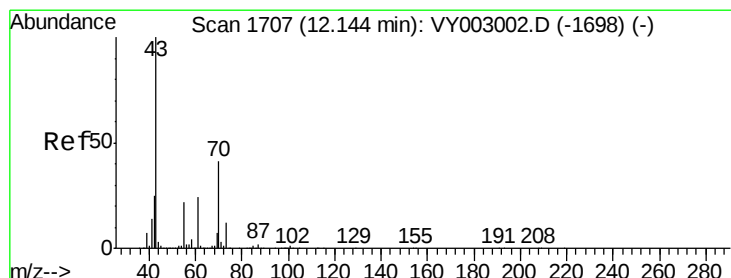
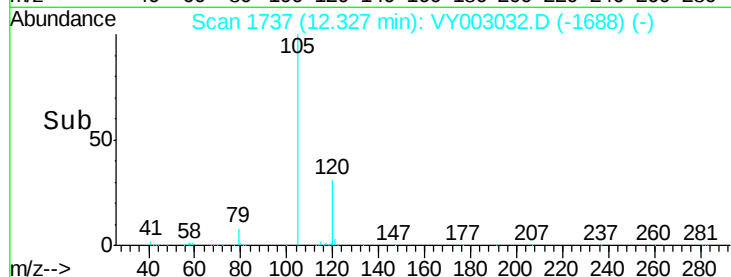
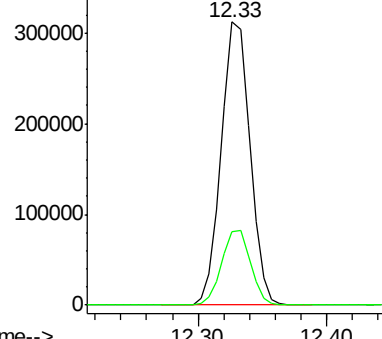
105 100

120 26.4 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.683 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion: 43 Resp: 140999

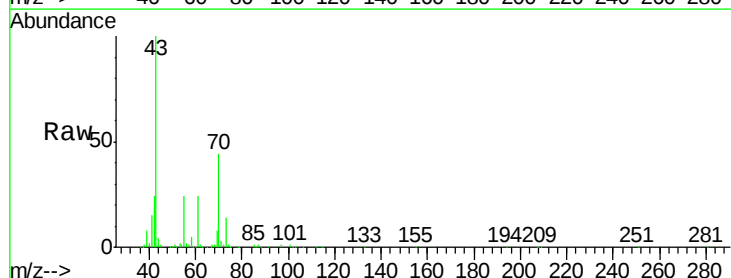
Ion Ratio Lower Upper

43 100

70 43.8 33.0 49.4

55 23.7 18.2 27.2

61 24.5 19.4 29.2

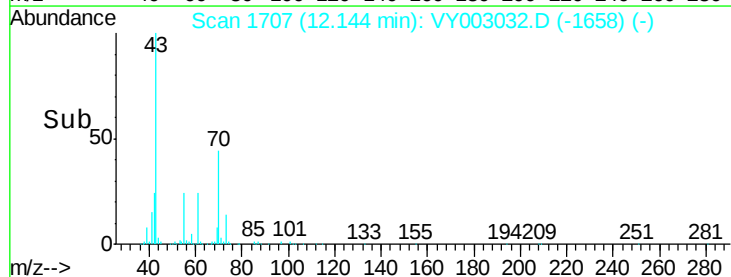
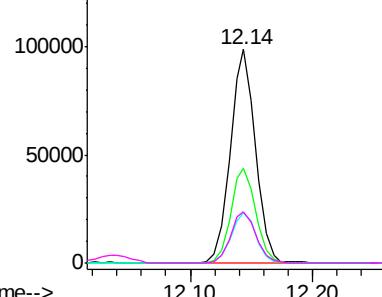


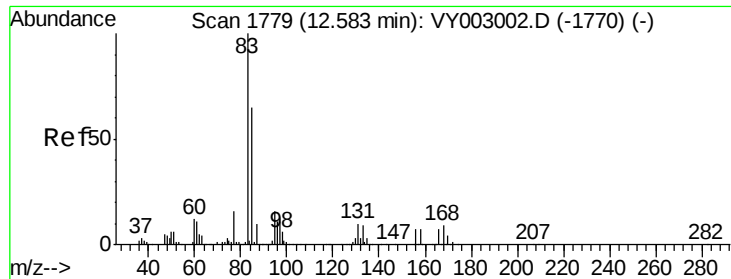
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.727 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

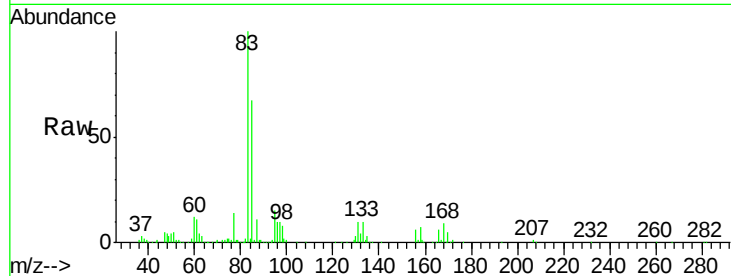
Tot Ion: 83 Resp: 92289

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

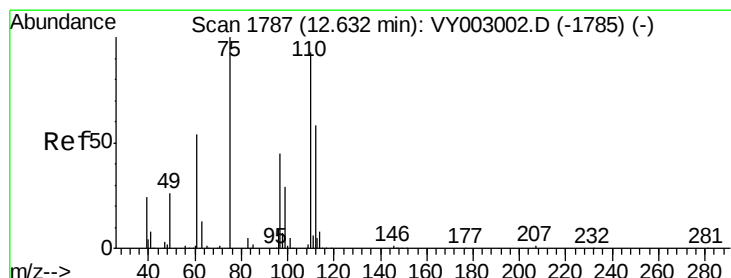
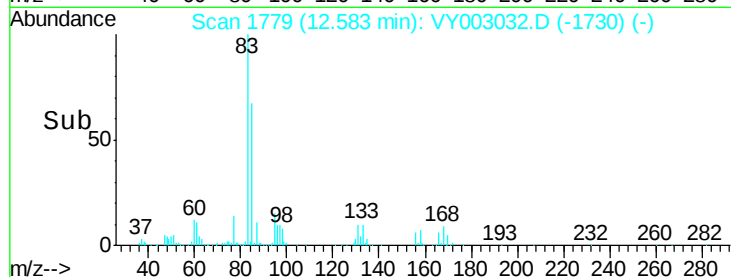
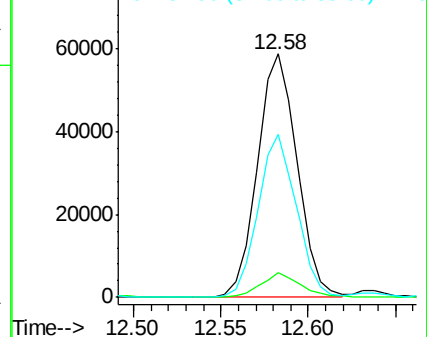
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 36.640 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY003032.D

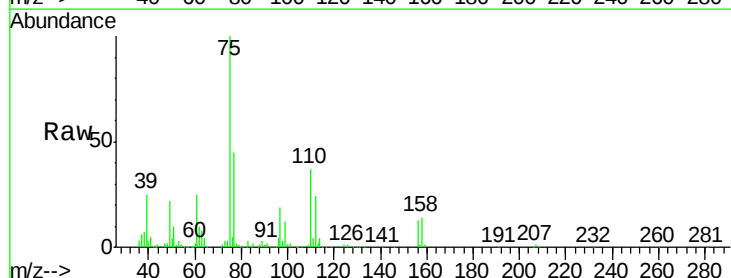
Acq: 30 Jun 2020 13:50

Tgt Ion: 75 Resp: 128450

Ion Ratio Lower Upper

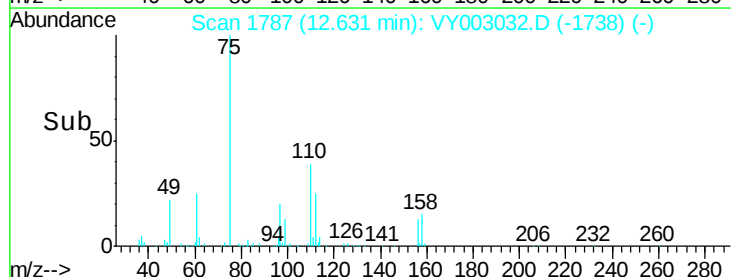
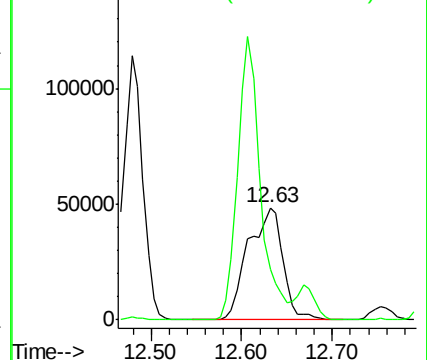
75 100

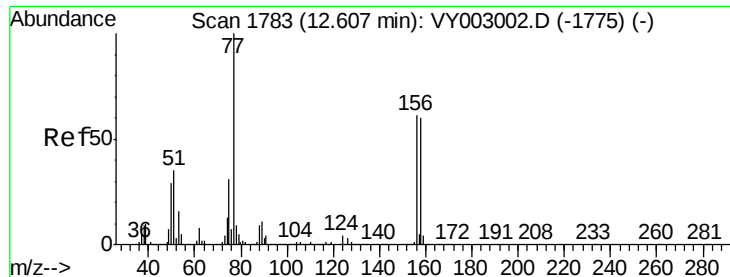
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.226 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

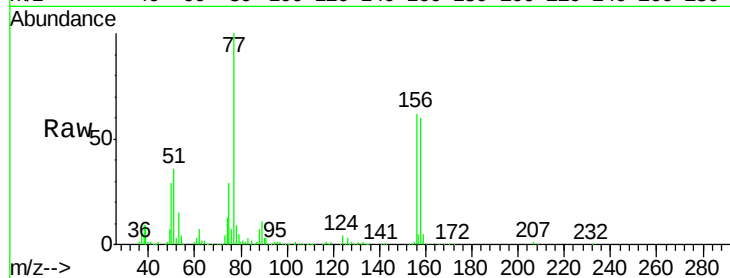
Tot Ion:156 Resp: 120224

Ion Ratio Lower Upper

156 100

77 176.7 90.0 270.0

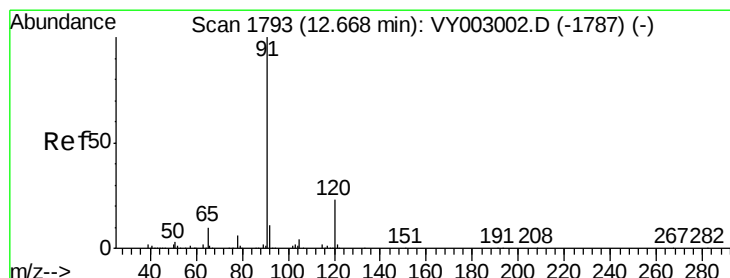
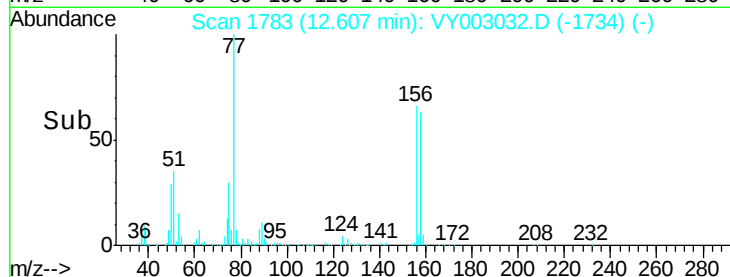
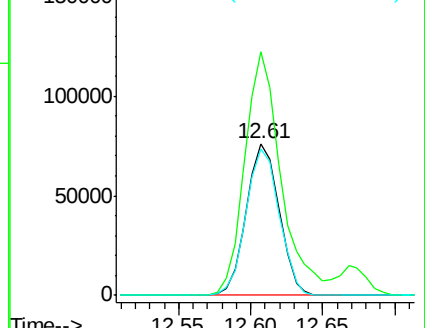
158 97.6 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.622 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003032.D

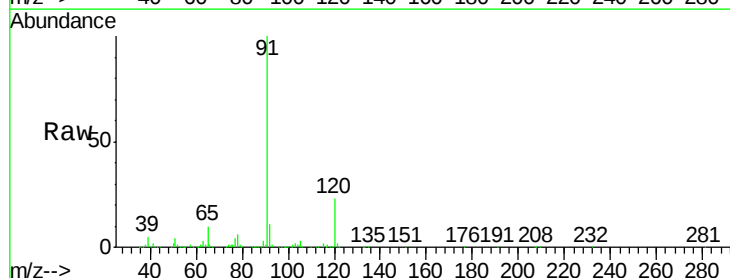
Acq: 30 Jun 2020 13:50

Tgt Ion: 91 Resp: 574945

Ion Ratio Lower Upper

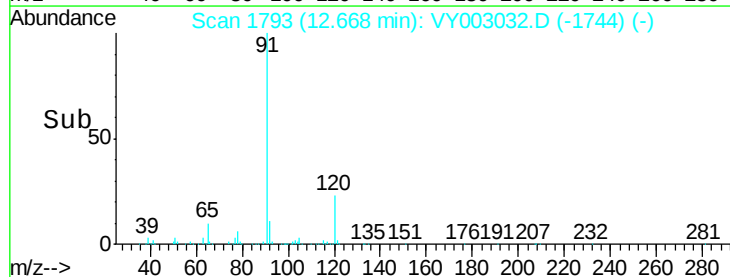
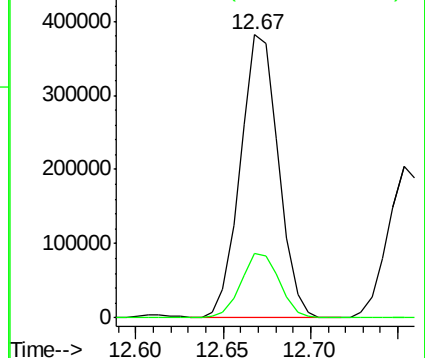
91 100

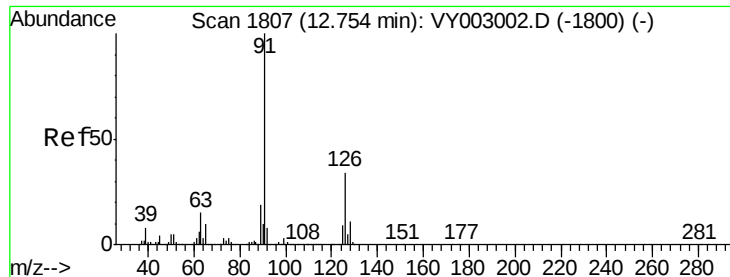
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

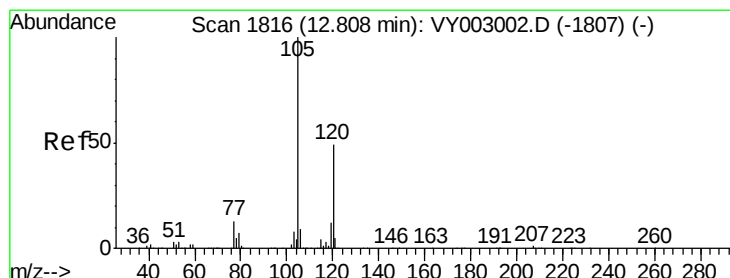
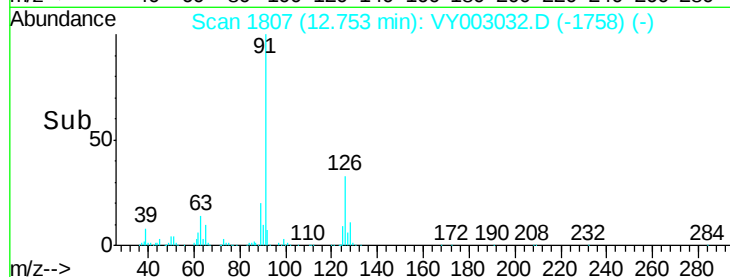
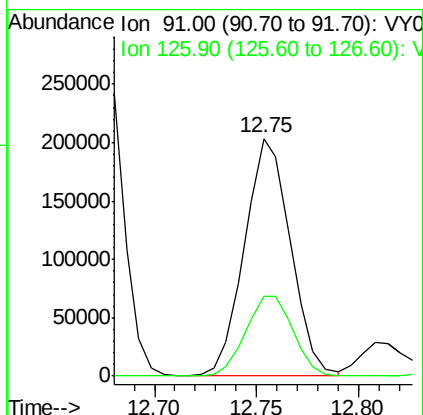
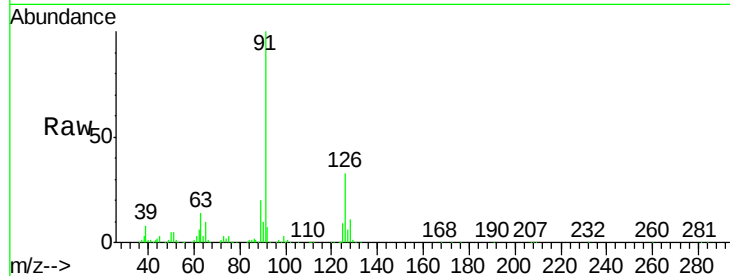




#79
 2-Chlorotoluene
 Concen: 20.541 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

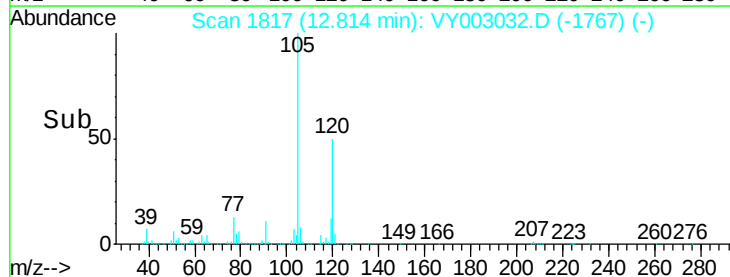
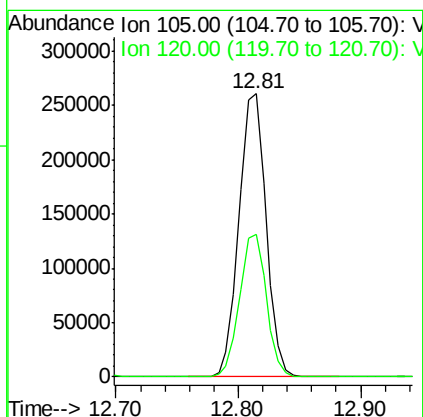
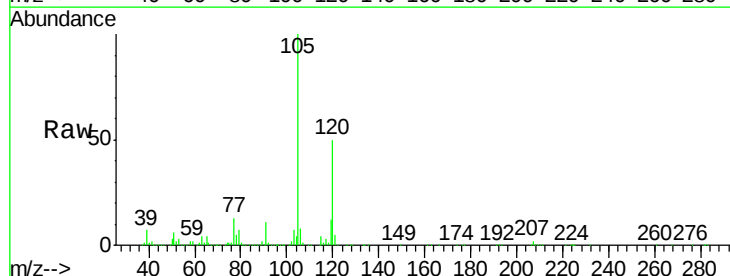
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBSD01

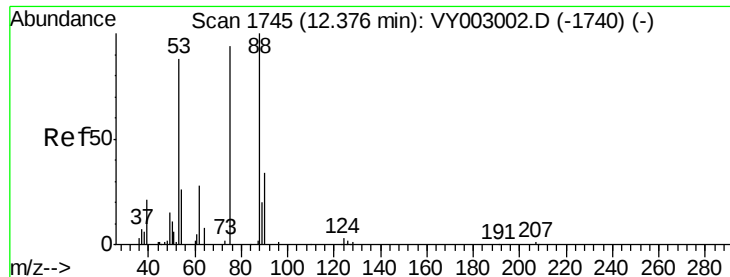
Tot Ion: 91 Resp: 319663
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.498 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion: 105 Resp: 398760
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.075 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

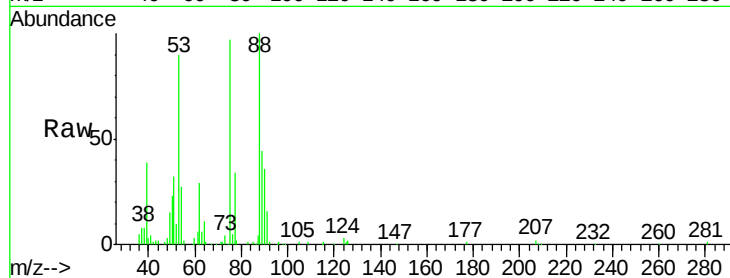
Tot Ion: 75 Resp: 34371

Ion Ratio Lower Upper

75 100

53 89.2 73.9 110.9

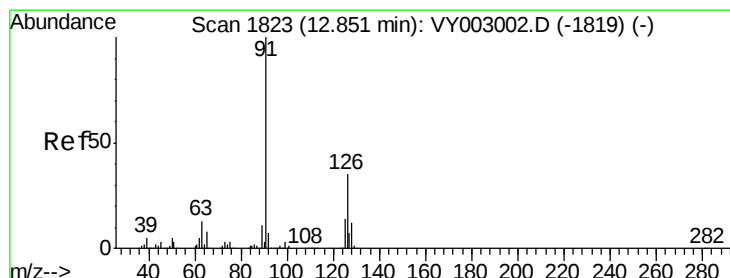
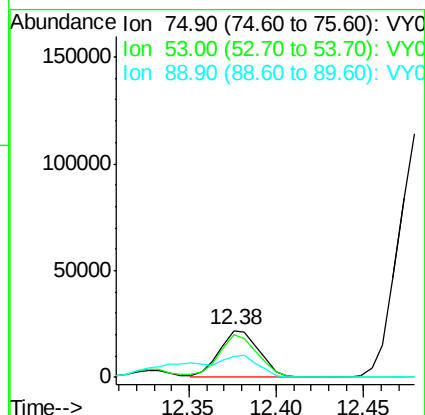
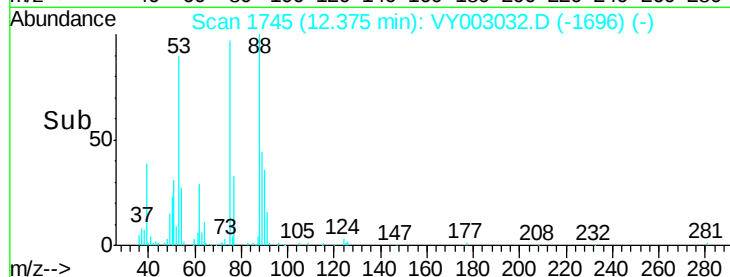
89 42.6 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 20.837 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003032.D

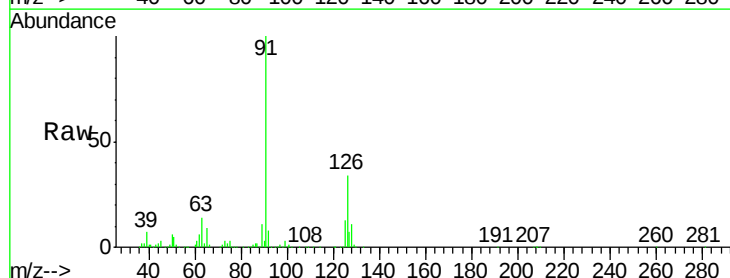
Acq: 30 Jun 2020 13:50

Tgt Ion: 91 Resp: 337615

Ion Ratio Lower Upper

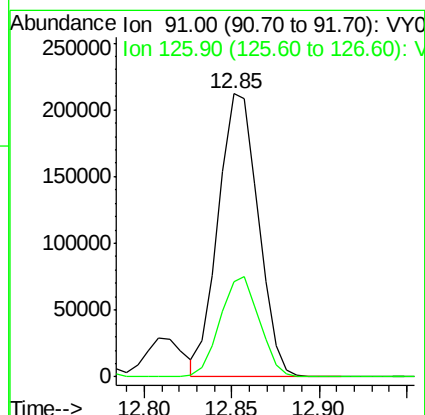
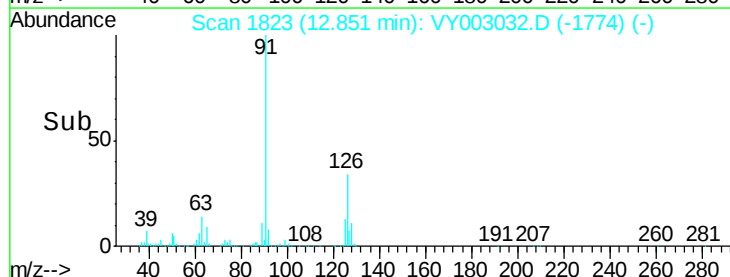
91 100

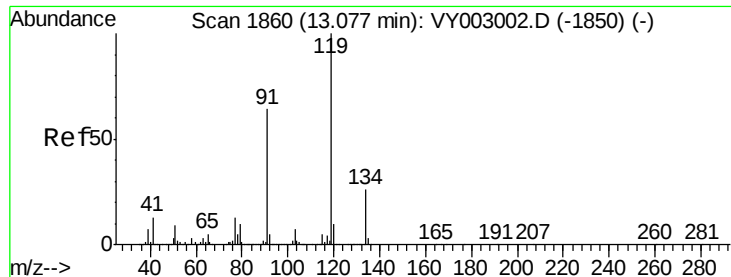
126 34.8 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): VY0





#83

tert-Butylbenzene

Concen: 20.405 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

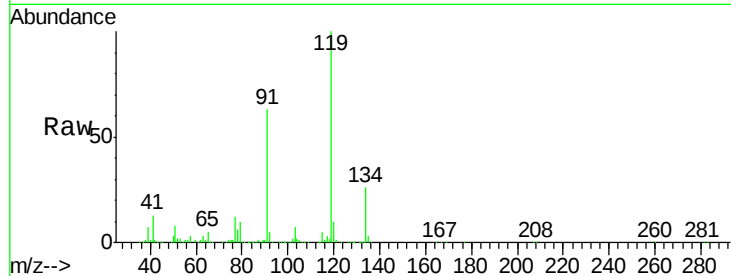
Tot Ion:119 Resp: 348541

Ion Ratio Lower Upper

119 100

91 63.2 31.6 95.0

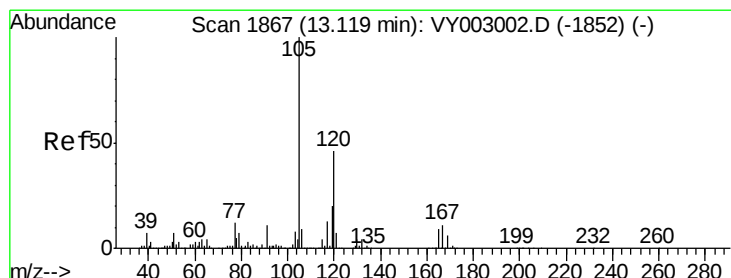
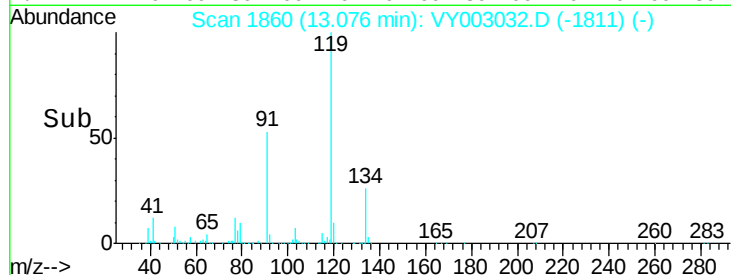
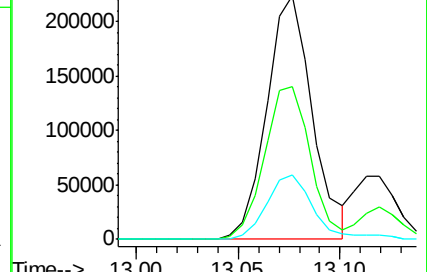
134 27.6 13.2 39.5



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: 20.477 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY003032.D

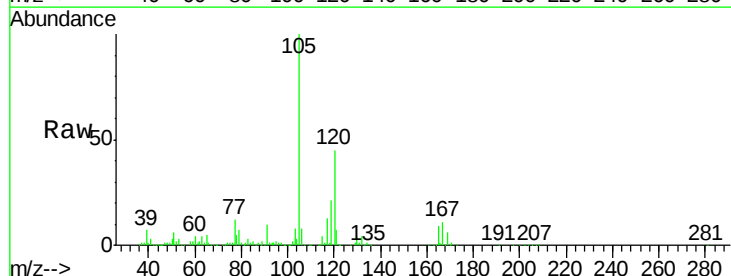
Acq: 30 Jun 2020 13:50

Tgt Ion:105 Resp: 401389

Ion Ratio Lower Upper

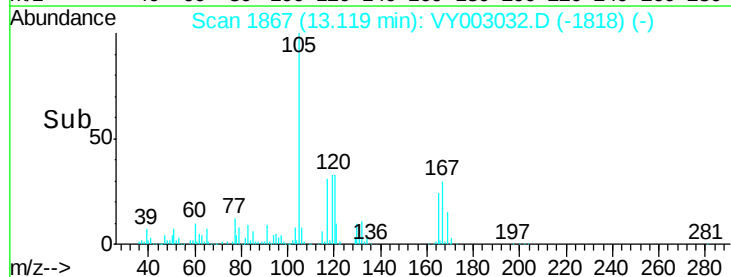
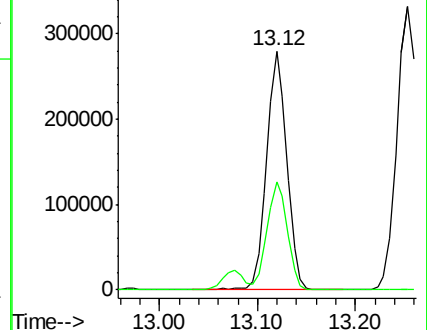
105 100

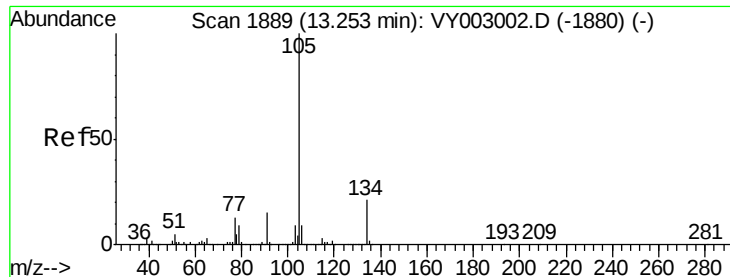
120 45.4 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.680 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

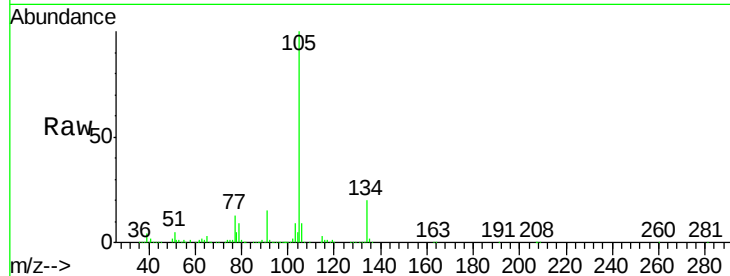
VY0630SBS01

Tot Ion:105 Resp: 486882

Ion Ratio Lower Upper

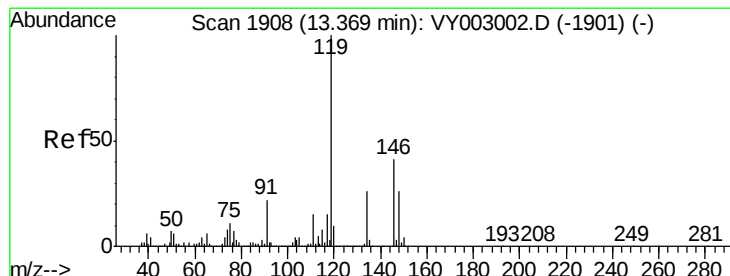
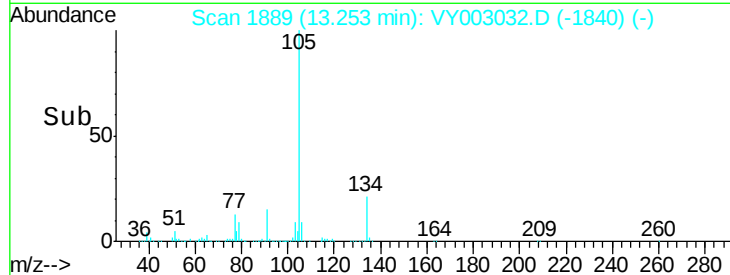
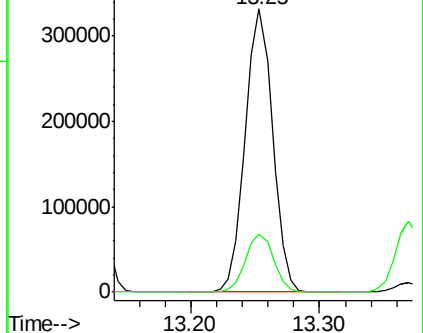
105 100

134 21.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.615 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

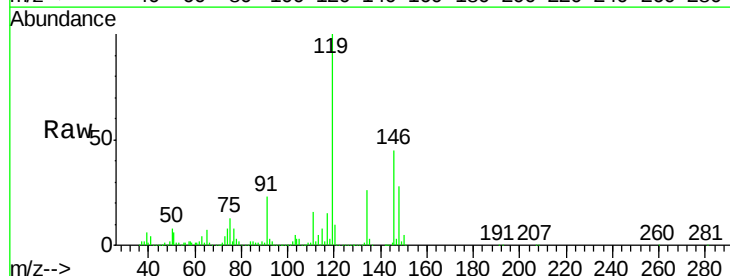
Tgt Ion:119 Resp: 449740

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

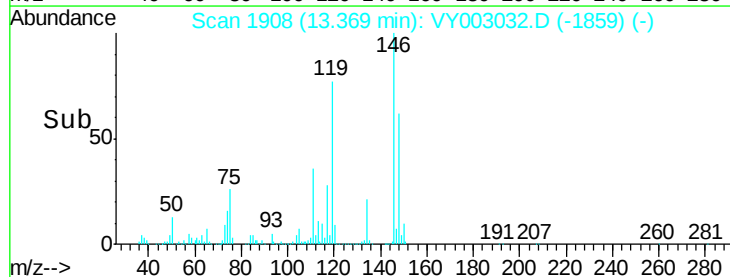
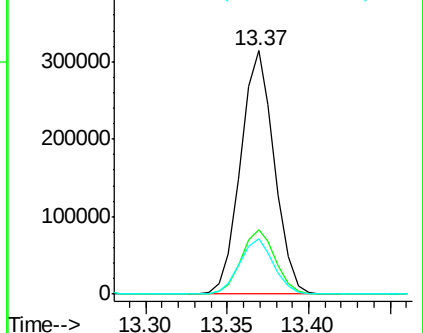
91 22.7 11.5 34.5

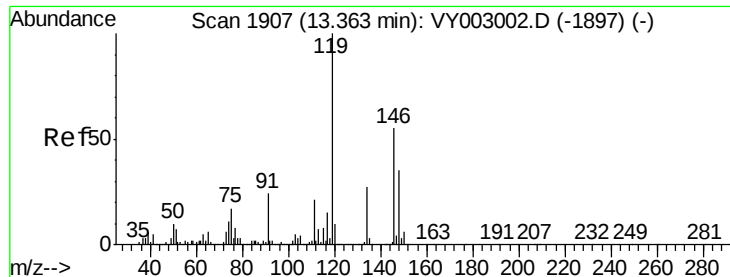


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.489 ug/l

RT: 13.36 min Scan# 1907

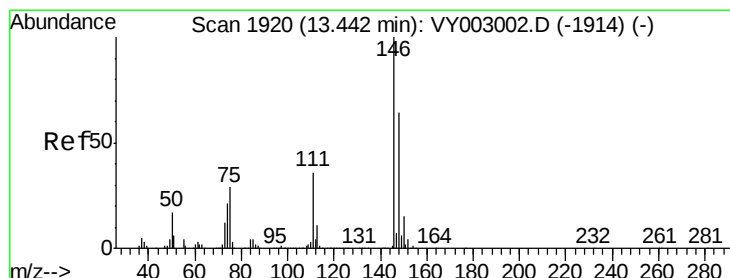
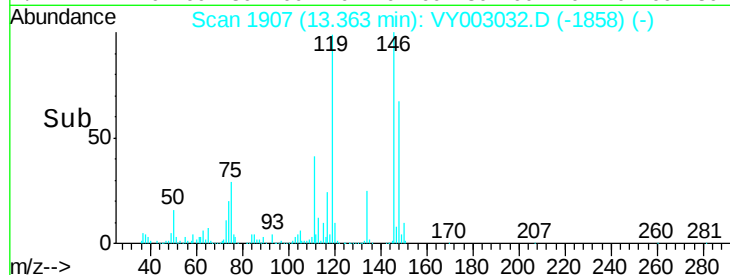
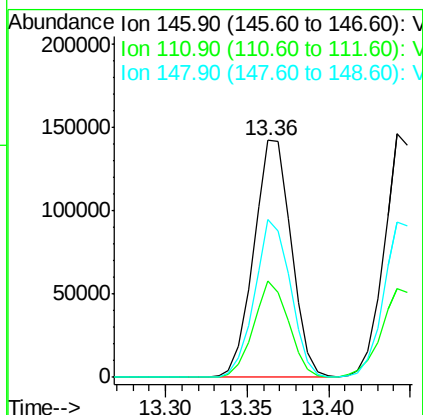
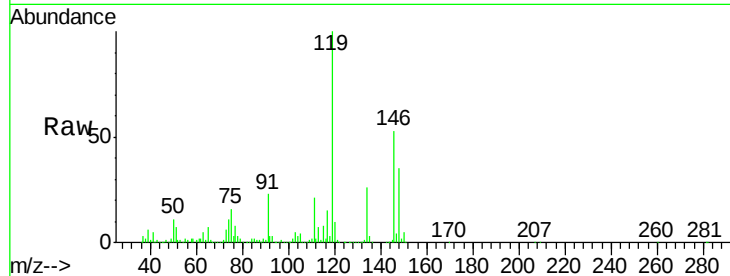
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	63.7	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 20.715 ug/l

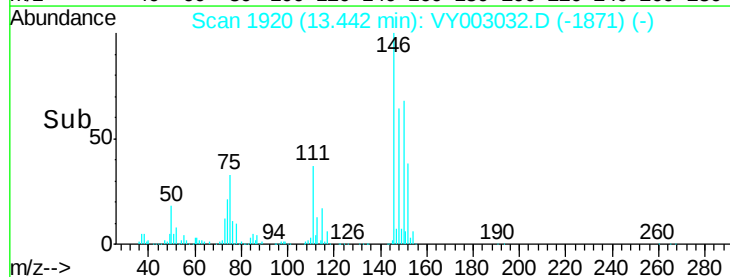
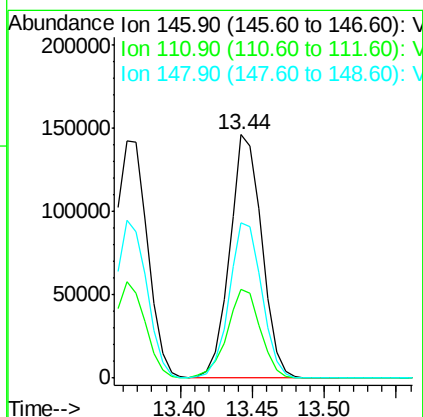
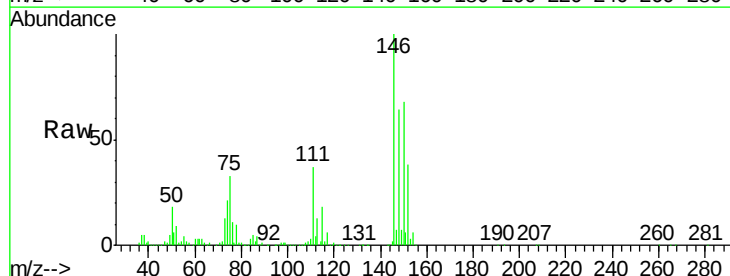
RT: 13.44 min Scan# 1920

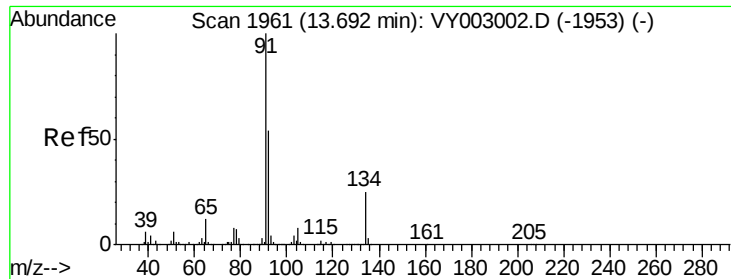
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.4
148	64.9	32.3	96.9

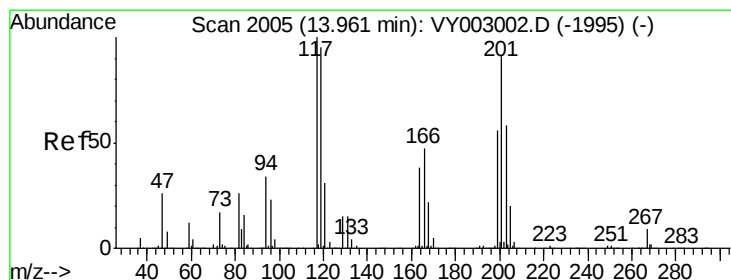
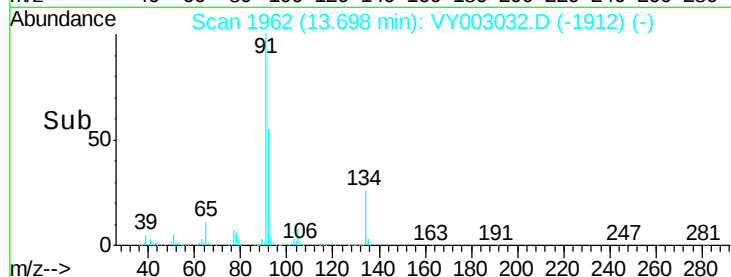
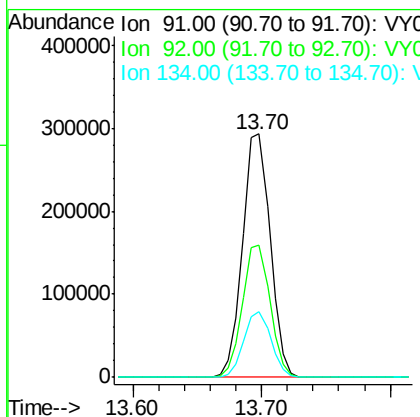
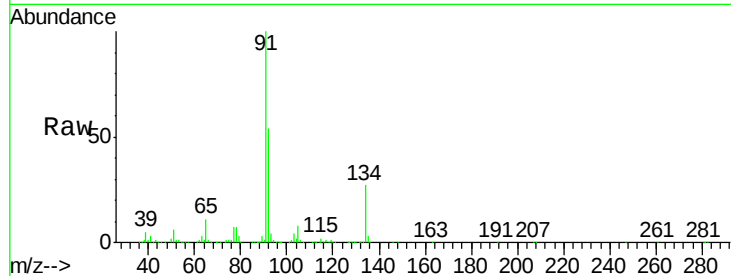




#89
n-Butylbenzene
Concen: 20.838 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

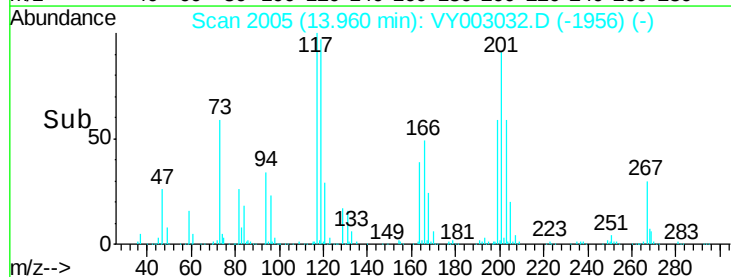
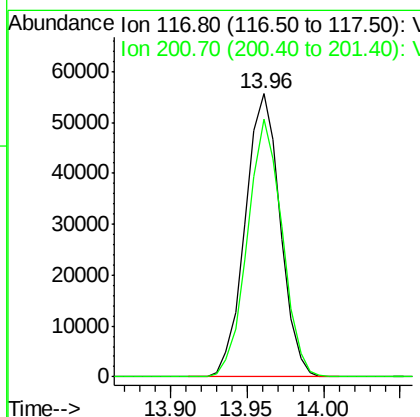
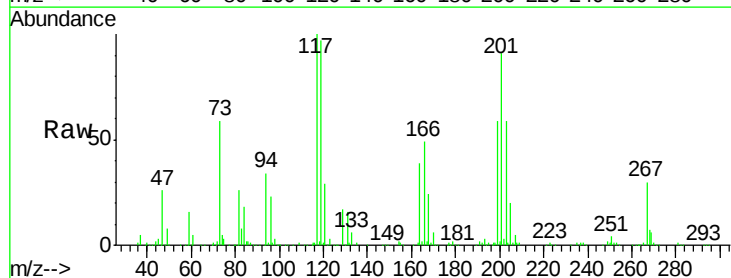
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

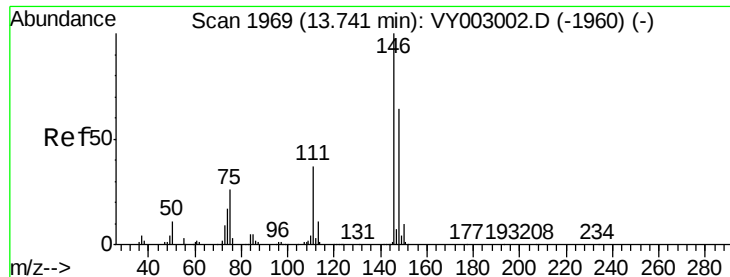
Tot Ion: 91 Resp: 434954
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.3
134 26.7 13.1 39.1



#90
Hexachloroethane
Concen: 20.436 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 117 Resp: 88532
Ion Ratio Lower Upper
117 100
201 90.3 45.5 136.4





#91

1,2-Dichlorobenzene

Concen: 20.530 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

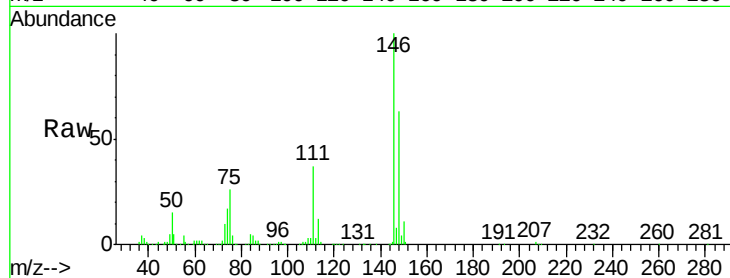
Tot Ion:146 Resp: 204409

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

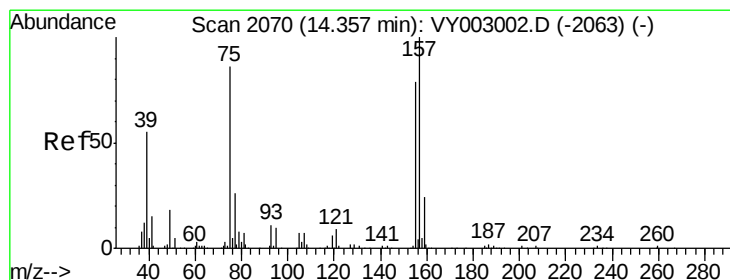
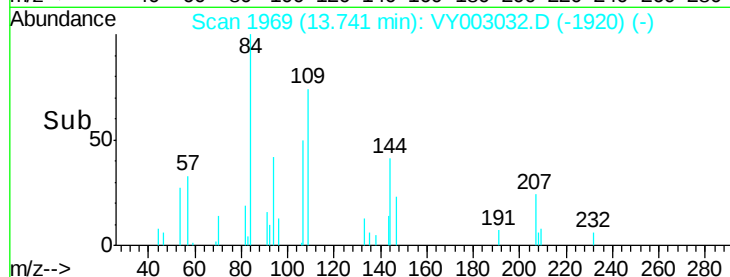
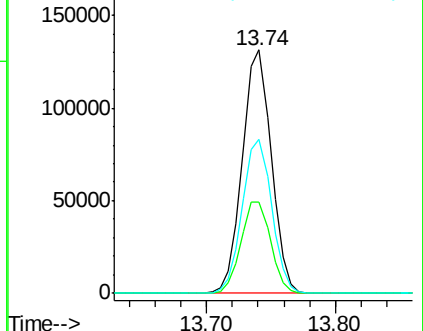
148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.409 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

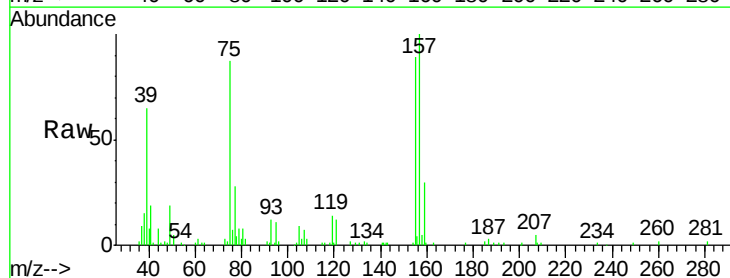
Tgt Ion: 75 Resp: 16074

Ion Ratio Lower Upper

75 100

155 98.4 46.5 139.3

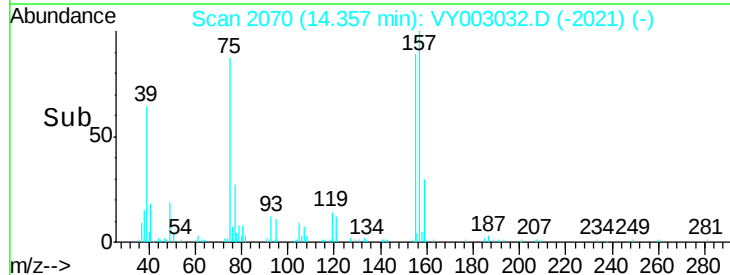
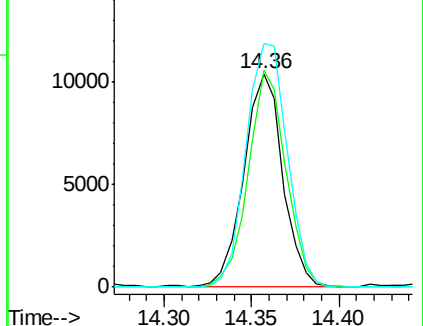
157 121.3 59.2 177.5

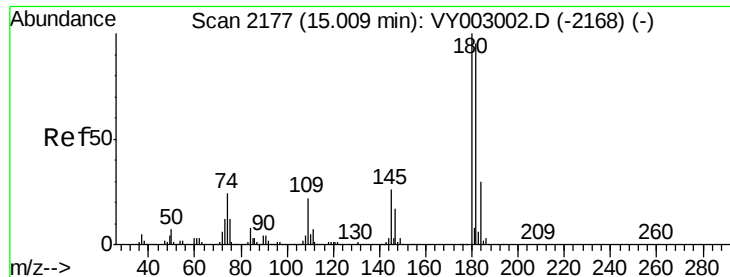


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

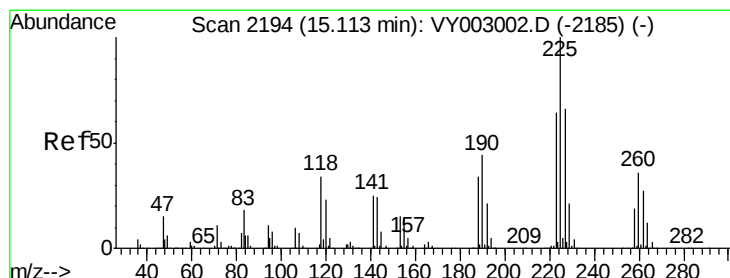
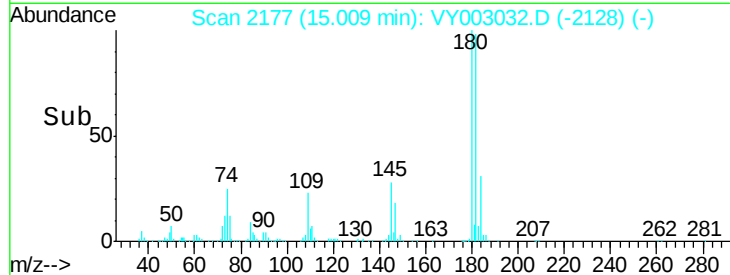
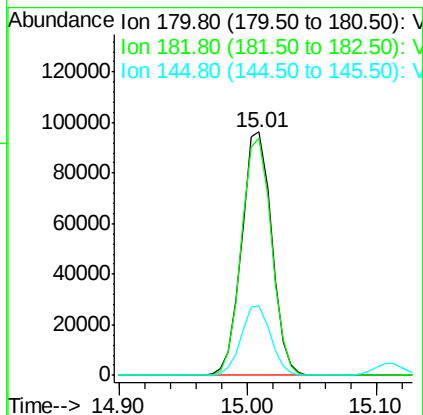
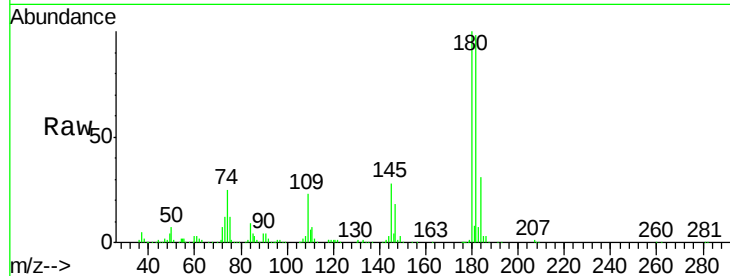




#93
 1,2,4-Trichlorobenzene
 Concen: 20.915 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

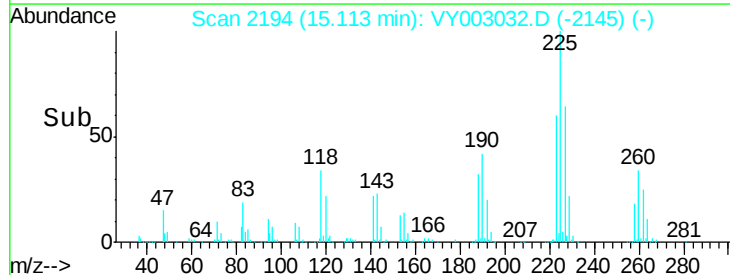
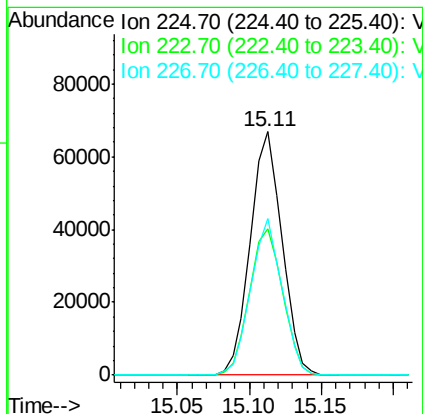
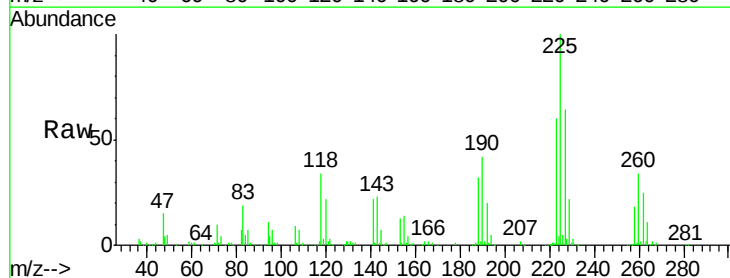
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBSD01

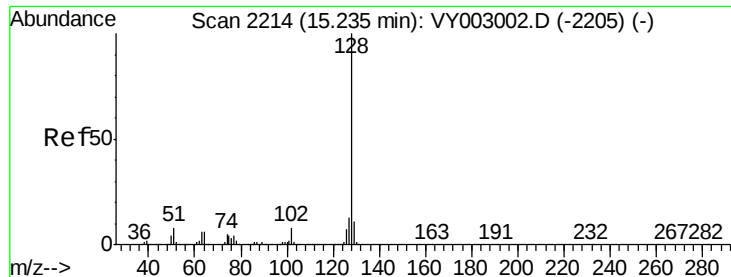
Tot Ion:180 Resp: 154735
 Ion Ratio Lower Upper
 180 100
 182 97.7 48.1 144.3
 145 28.3 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 21.836 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion:225 Resp: 101901
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.4 97.0
 227 63.5 32.4 97.2





#95

Naphthalene

Concen: 20.396 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBSD01

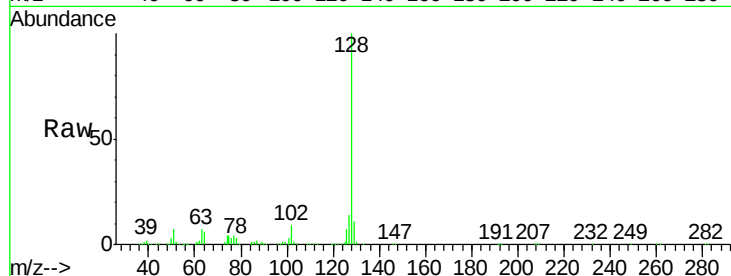
Tot Ion:128 Resp: 275616

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

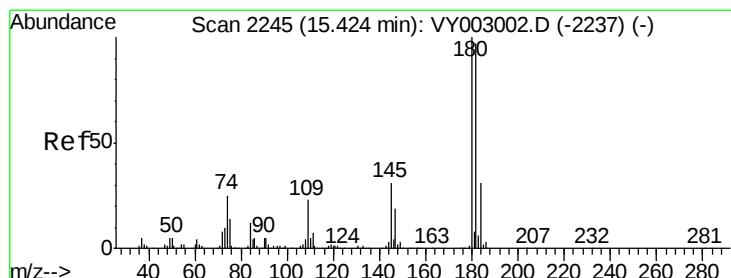
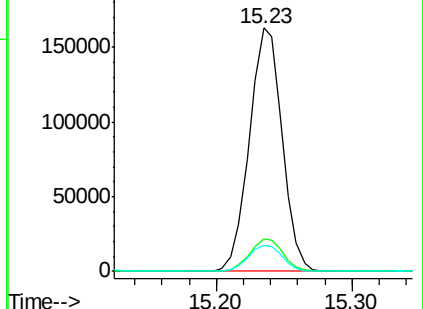
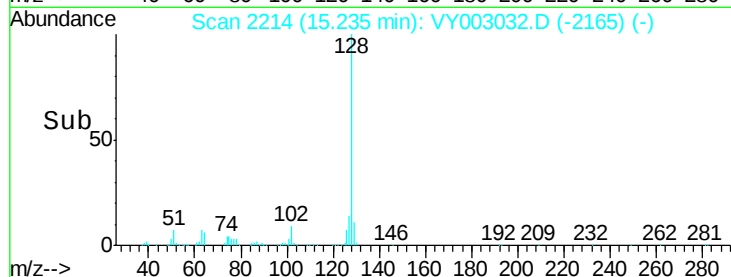
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.835 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

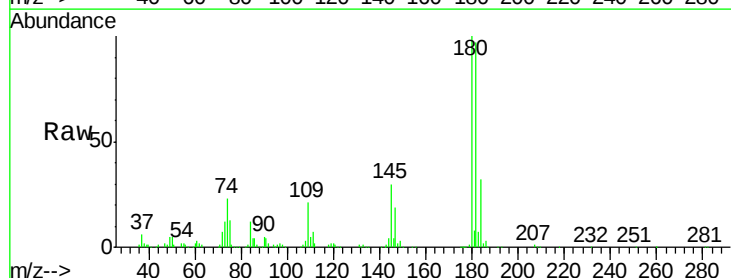
Tgt Ion:180 Resp: 133850

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.3

145 30.1 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

