

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005919.D
 Acq On : 01 Sep 2021 10:39
 Operator : SY/MD
 Sample : VY0901SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0901SBL01

Quant Time: Sep 02 07:44:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

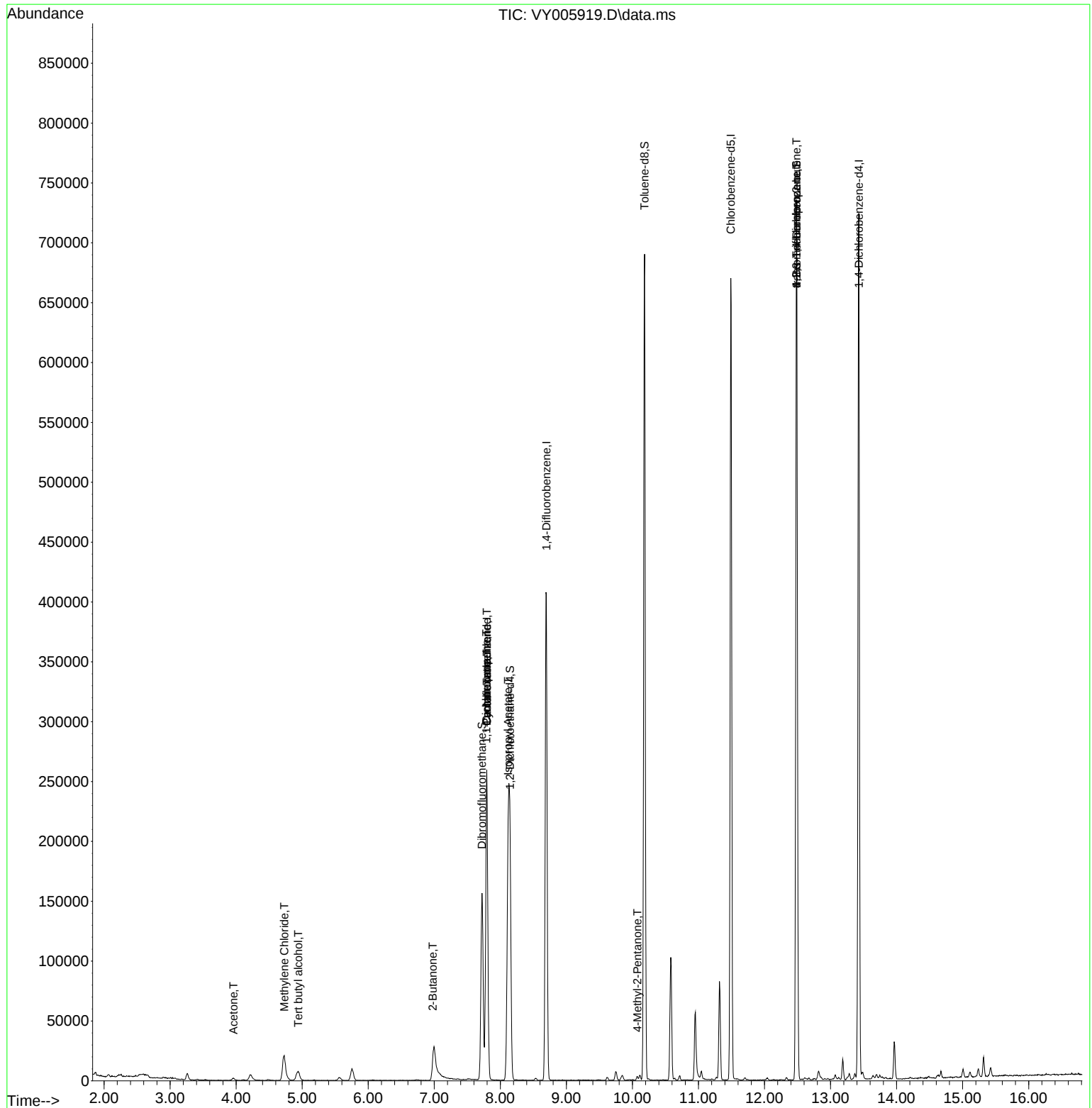
Internal Standards						
1) Pentafluorobenzene	7.795	168	210068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	354023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368501	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125446	59.26	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.52%
35) Dibromofluoromethane	7.722	113	106885	53.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.52%
50) Toluene-d8	10.185	98	456257	54.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.36%
62) 4-Bromofluorobenzene	12.483	95	164009	58.54	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.08%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	7900	18.98	ug/l #	84
13) Acrolein	3.735	56	54	Below Cal	#	78
16) Acetone	3.960	43	2993	5.54	ug/l	90
20) Methylene Chloride	4.729	84	15472	2.70	ug/l	99
25) 2-Butanone	6.978	43	2096	2.75	ug/l #	47
31) Cyclohexane	7.795	56	4082	1.14	ug/l #	11
36) 1,1-Dichloropropene	7.789	75	14540	4.36	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18690	5.17	ug/l #	16
43) Isopropyl Acetate	8.118	43	4506	1.24	ug/l #	3
51) 4-Methyl-2-Pentanone	10.075	43	2003	1.03	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	90287	50.08	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	90287	95.24	ug/l #	14

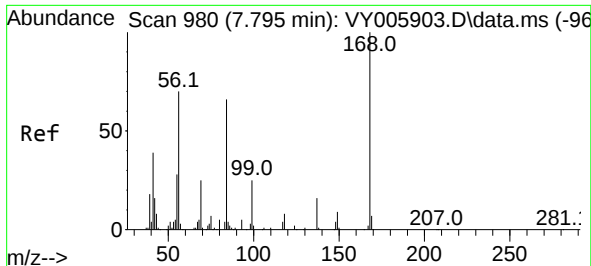
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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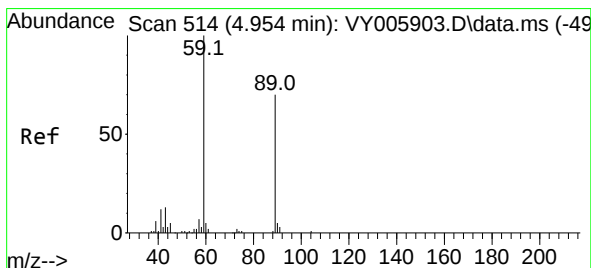
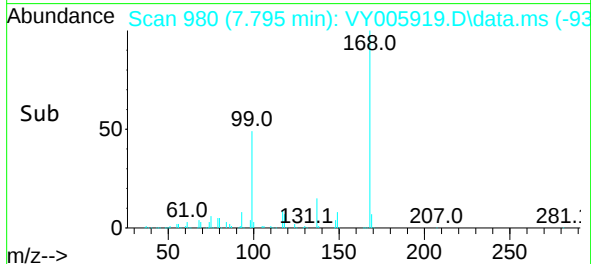
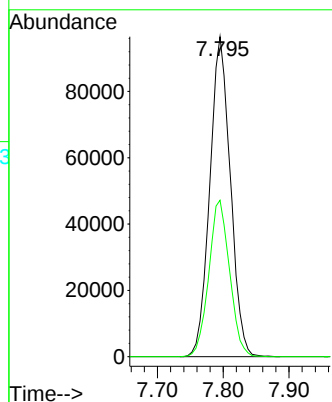
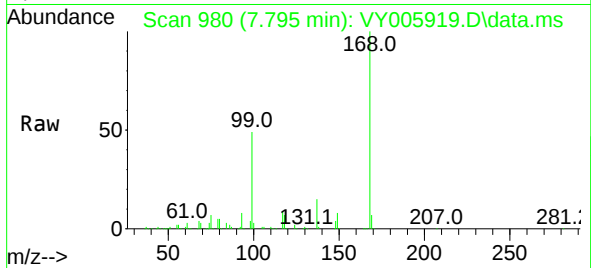




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

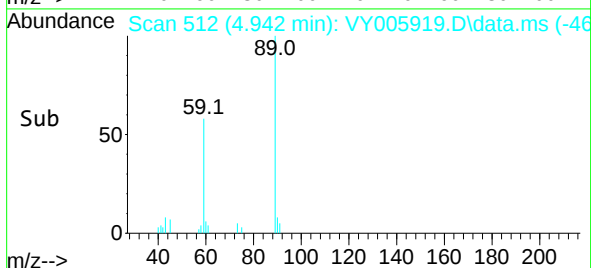
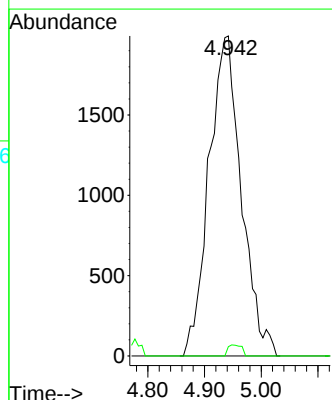
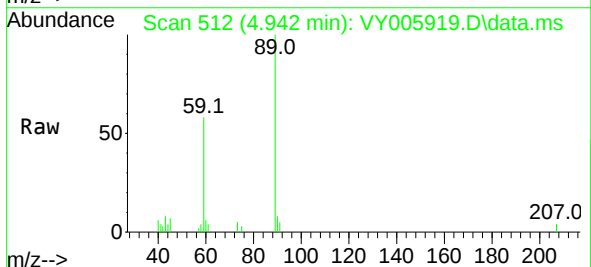
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01

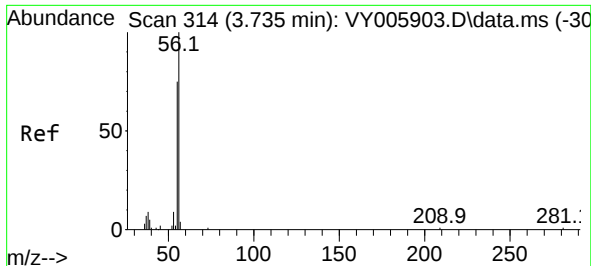
Tgt Ion:168 Resp: 210068
Ion Ratio Lower Upper
168 100
99 48.9 40.6 60.8



#11
Tert butyl alcohol
Concen: 18.98 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion: 59 Resp: 7900
Ion Ratio Lower Upper
59 100
57 1.5 5.5 8.3#

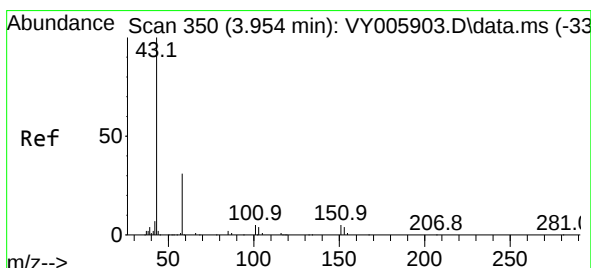
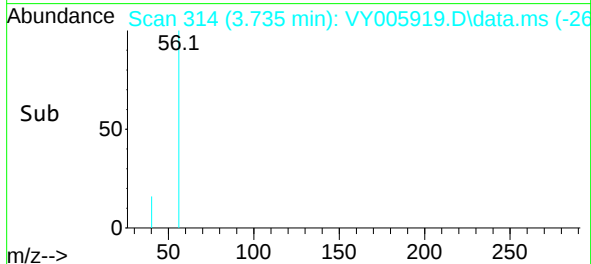
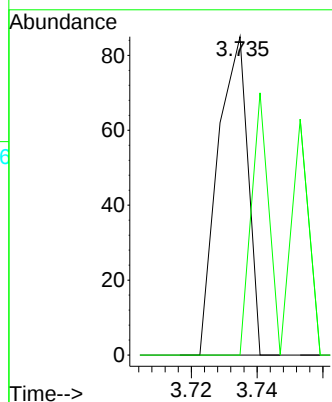
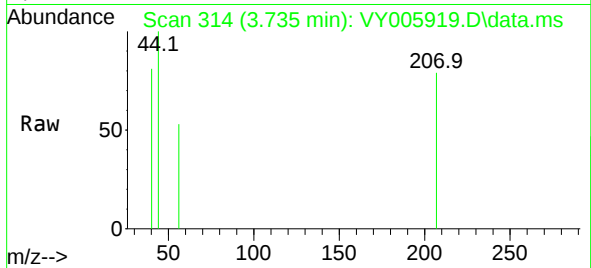




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

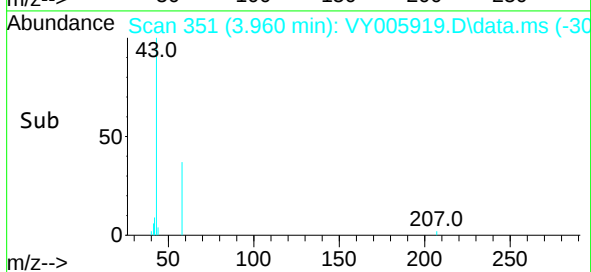
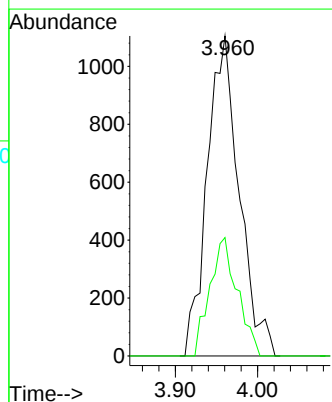
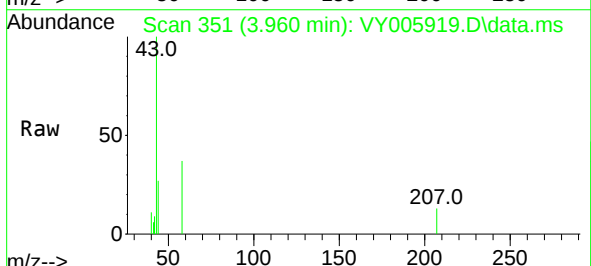
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01

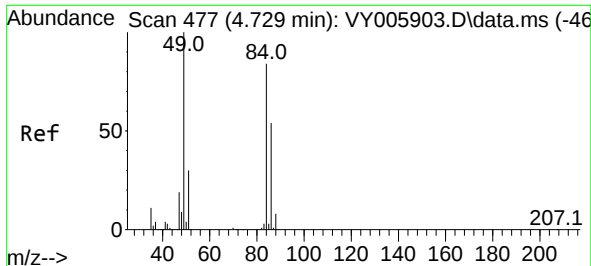
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 90.7 57.6 86.4#



#16
Acetone
Concen: 5.54 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

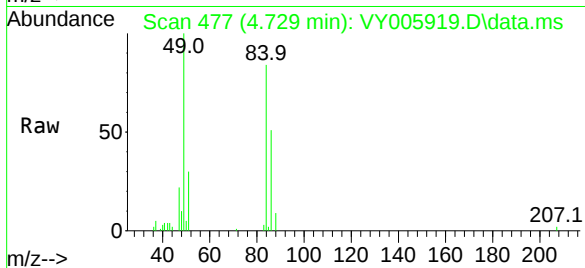
Tgt Ion: 43 Resp: 2993
Ion Ratio Lower Upper
43 100
58 37.0 25.1 37.7



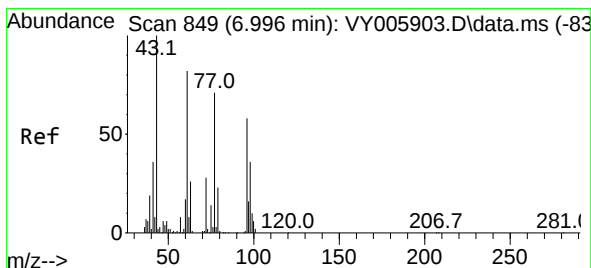
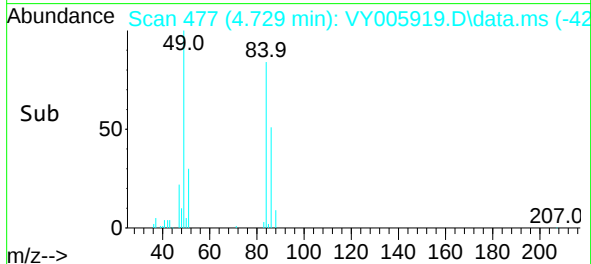
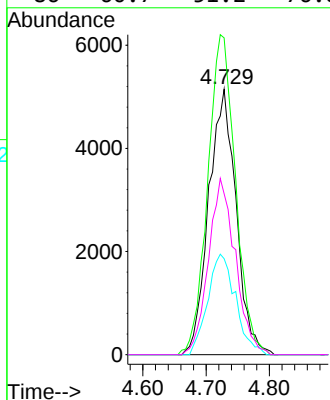


#20
Methylene Chloride
Concen: 2.70 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

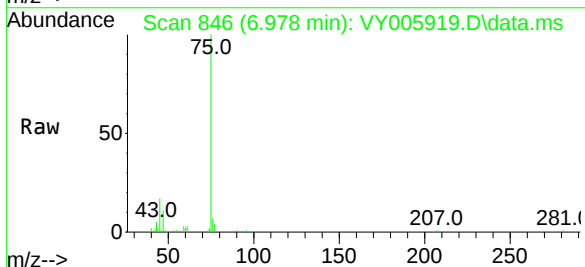
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01



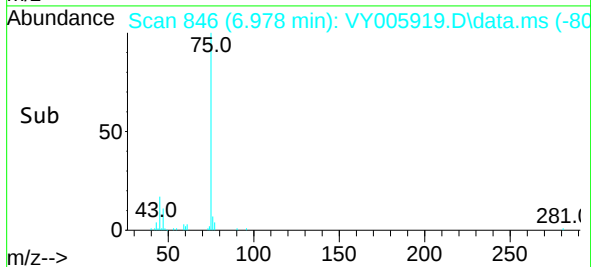
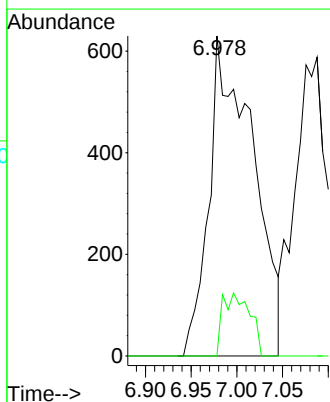
Tgt Ion:	84	Resp:	15472
Ion	Ratio	Lower	Upper
84	100		
49	119.4	95.7	143.5
51	36.2	29.0	43.6
86	60.7	51.2	76.8

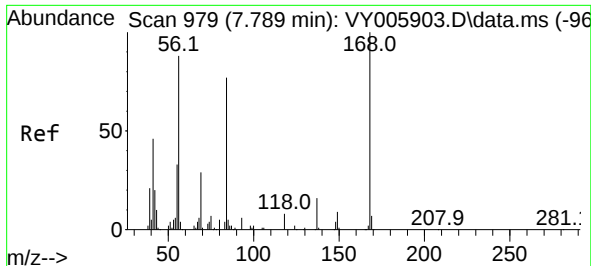


#25
2-Butanone
Concen: 2.75 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39



Tgt Ion:	43	Resp:	2096
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.3	33.5#

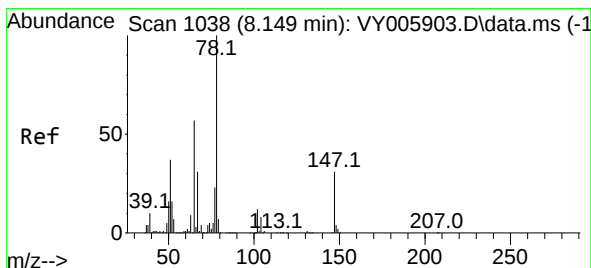
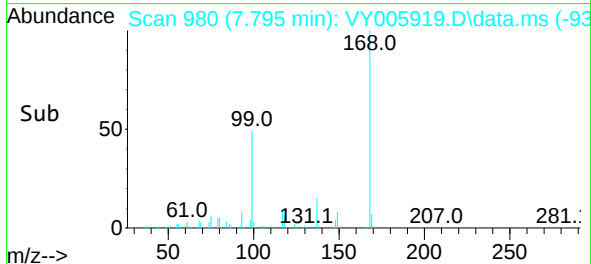
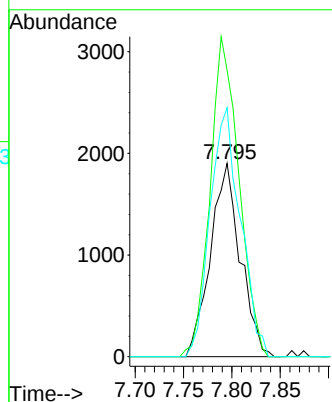
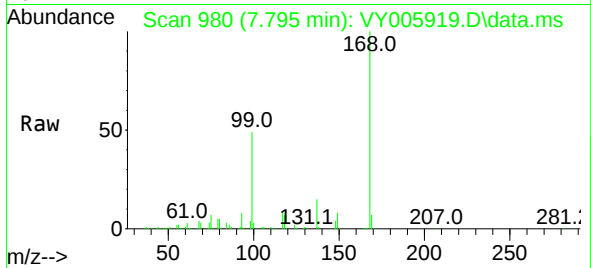




#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

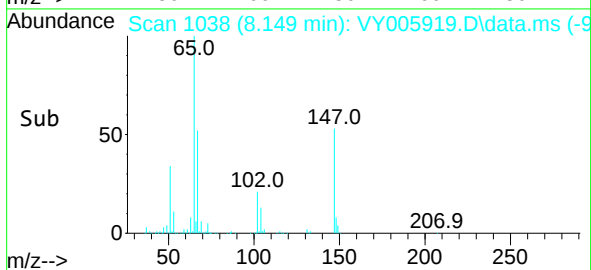
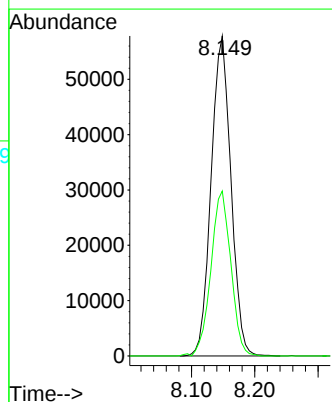
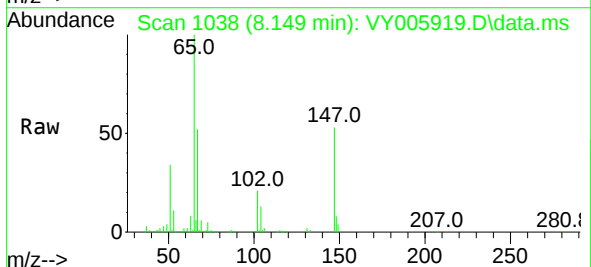
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01

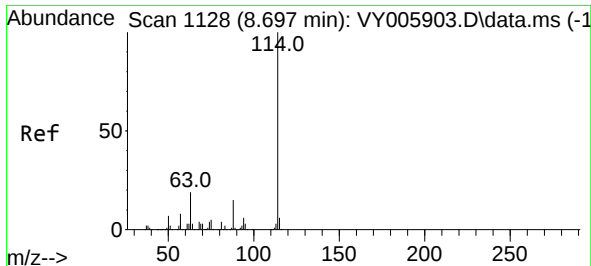
Tgt Ion: 56 Resp: 4082
Ion Ratio Lower Upper
56 100
69 148.3 26.3 39.5#
84 128.8 69.8 104.8#



#33
1,2-Dichloroethane-d4
Concen: 59.26 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion: 65 Resp: 125446
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

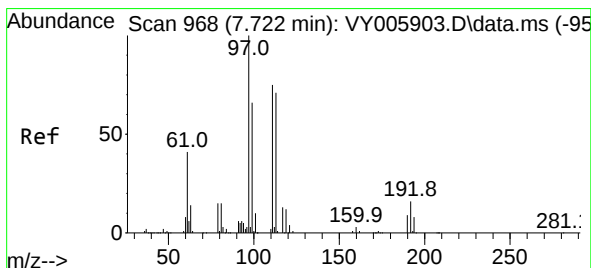
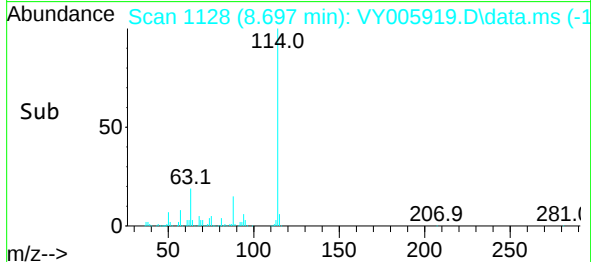
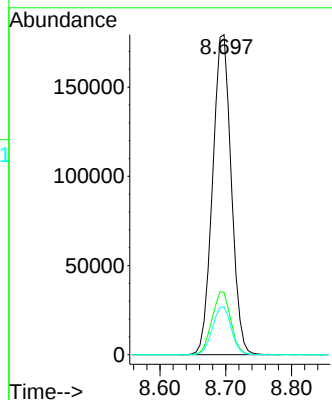
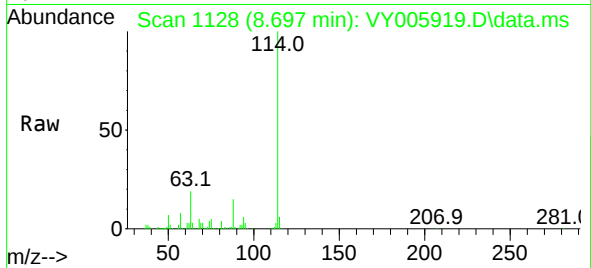




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

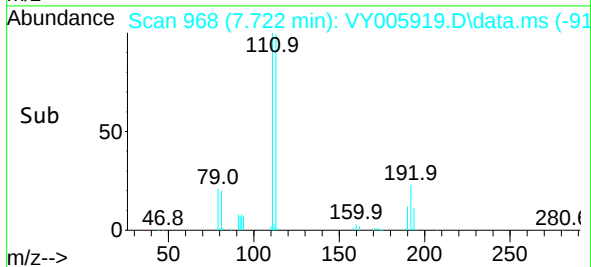
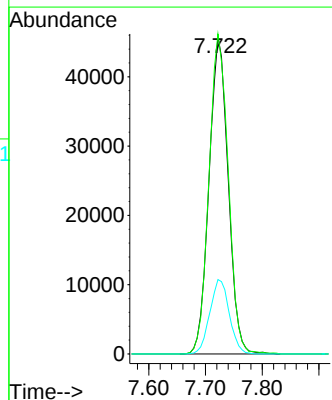
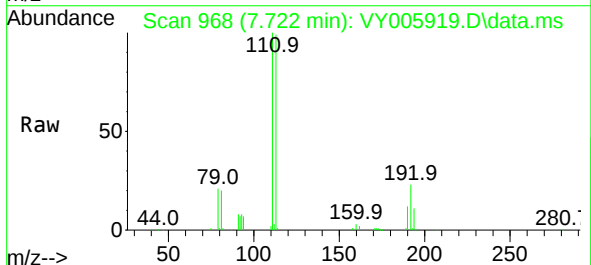
Instrument :
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ClientSampleId :
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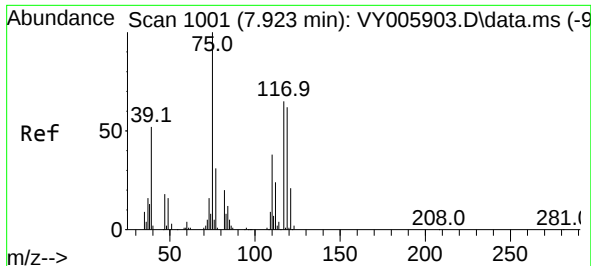
Tgt Ion:114 Resp: 354023
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 15.0 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.76 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion:113 Resp: 106885
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.9 19.4 29.0

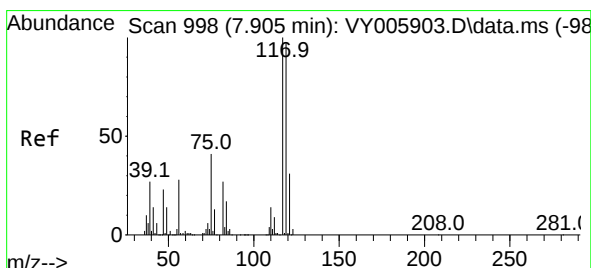
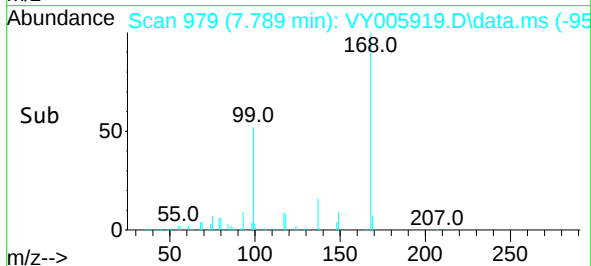
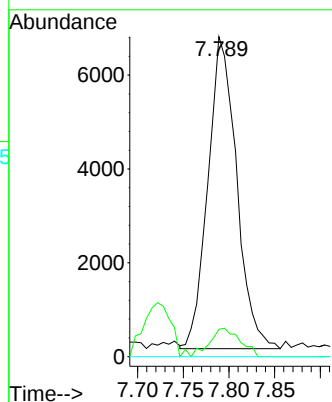
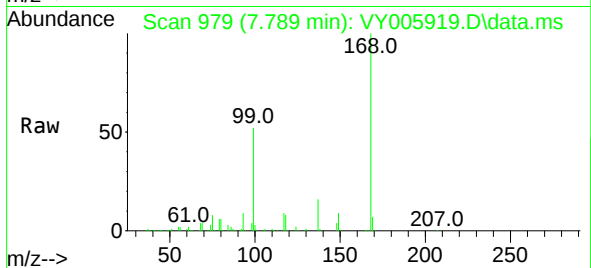




#36
1,1-Dichloropropene
Concen: 4.36 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

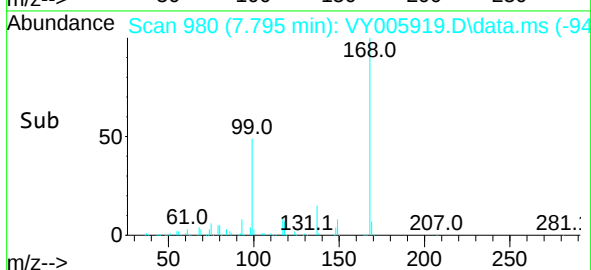
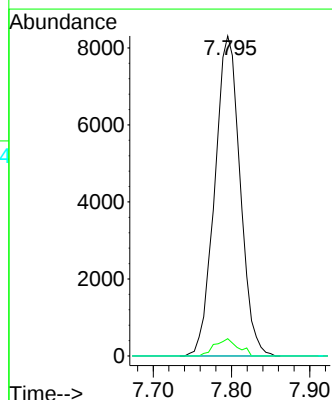
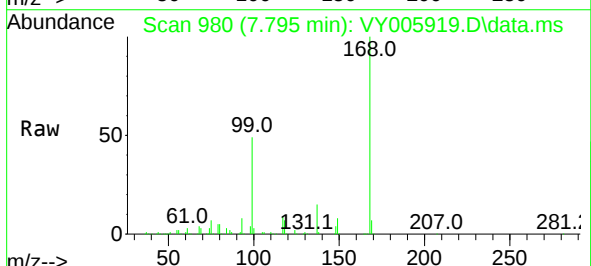
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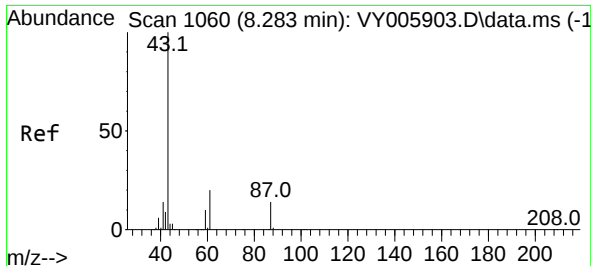
Tgt Ion: 75 Resp: 14540
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.17 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion: 117 Resp: 18690
Ion Ratio Lower Upper
117 100
119 5.4 77.5 116.3#
121 0.0 25.0 37.6#



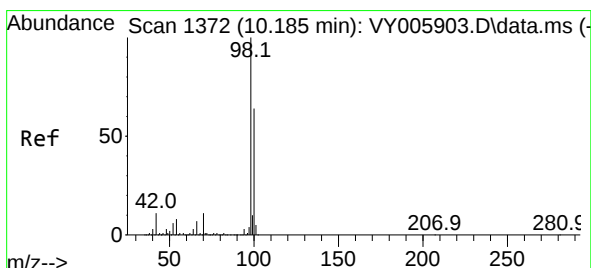
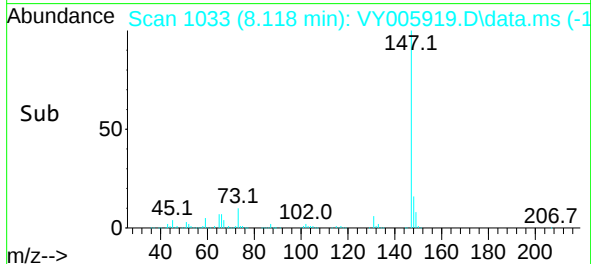
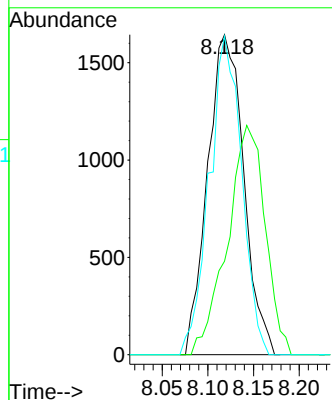
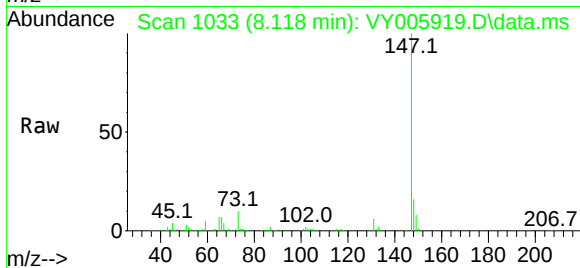


#43

Isopropyl Acetate
Concen: 1.24 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.165 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01

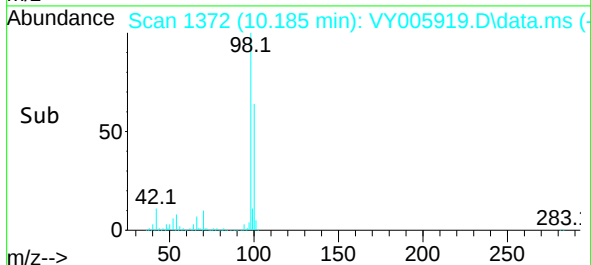
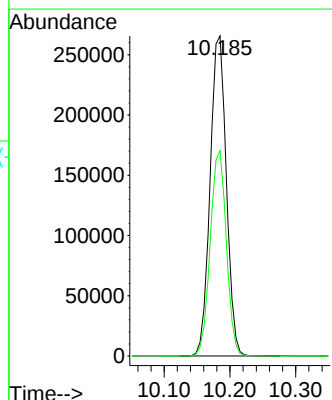
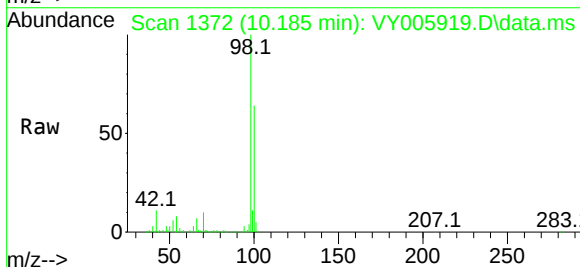
Tgt Ion: 43 Resp: 4506
Ion Ratio Lower Upper
43 100
61 0.0 23.0 34.6#
87 89.4 11.0 16.6#

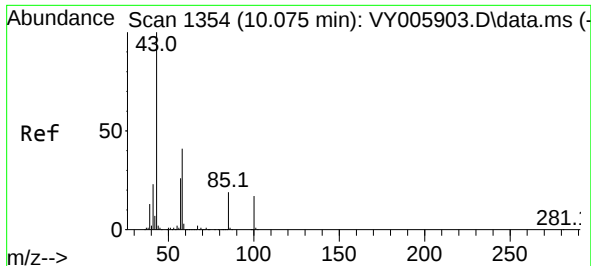


#50

Toluene-d8
Concen: 54.68 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion: 98 Resp: 456257
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

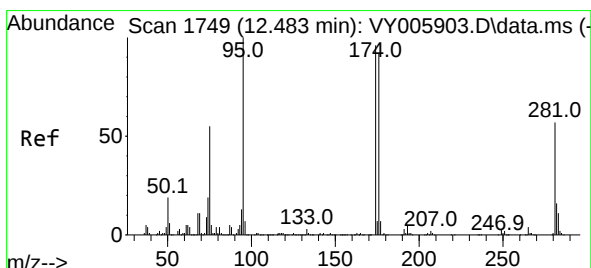
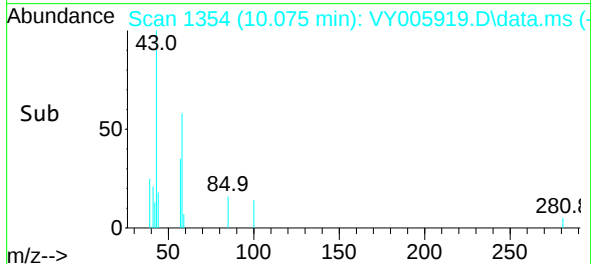
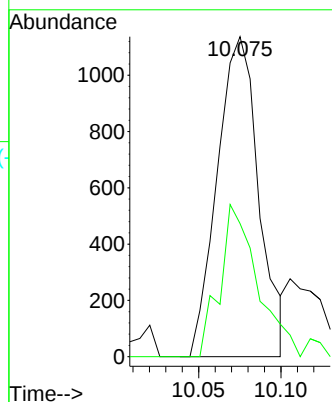
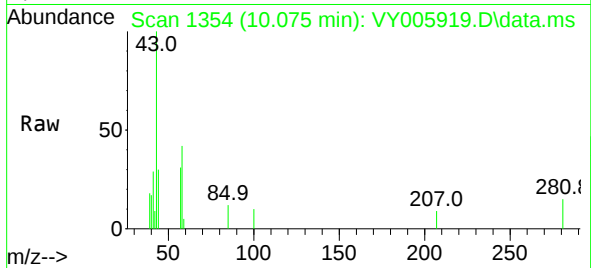




#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

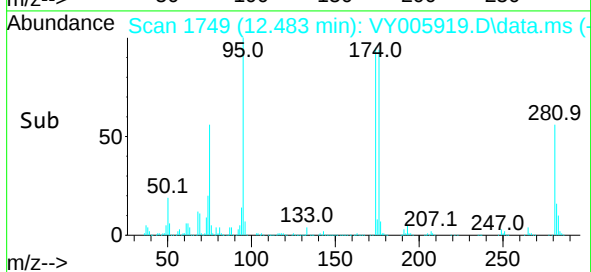
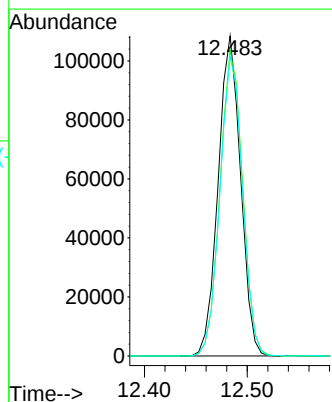
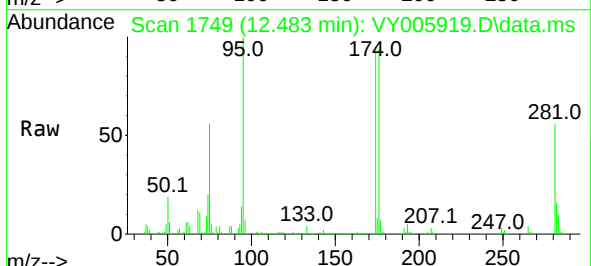
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01

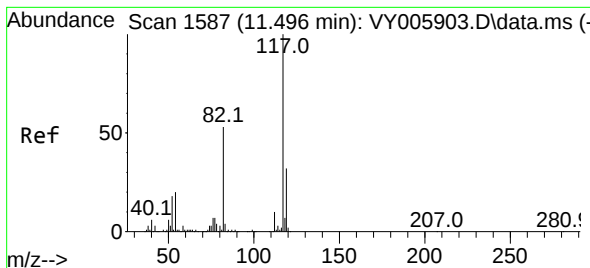
Tgt Ion: 43 Resp: 2003
Ion Ratio Lower Upper
43 100
58 43.0 31.8 47.8



#62
4-Bromofluorobenzene
Concen: 58.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion: 95 Resp: 164009
Ion Ratio Lower Upper
95 100
174 96.1 0.0 192.4
176 94.3 0.0 186.8

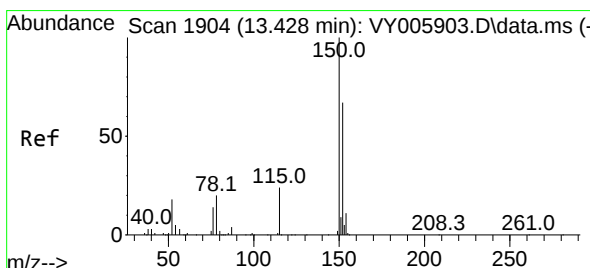
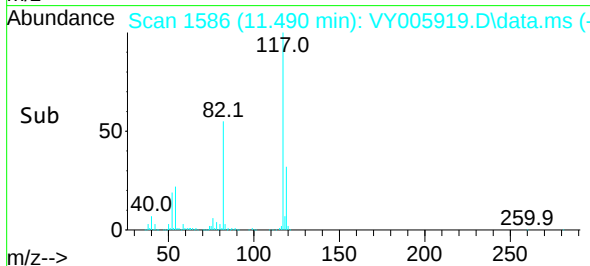
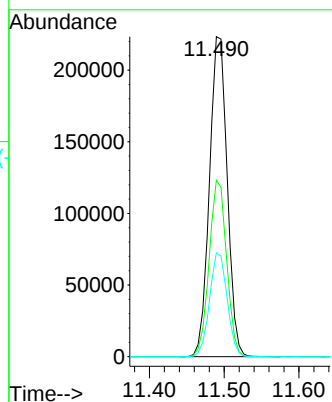
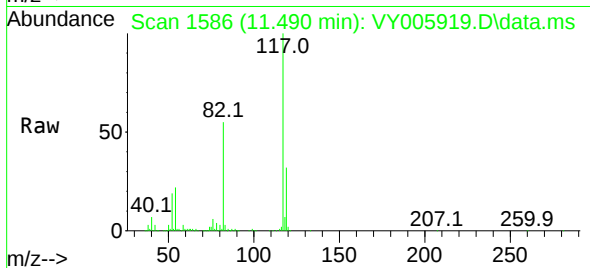




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

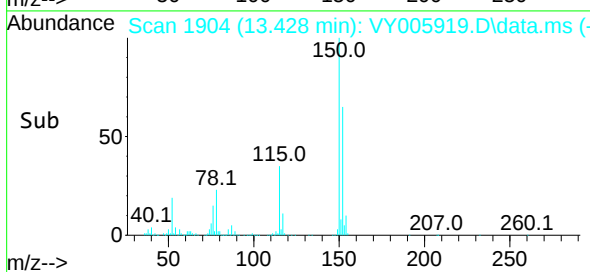
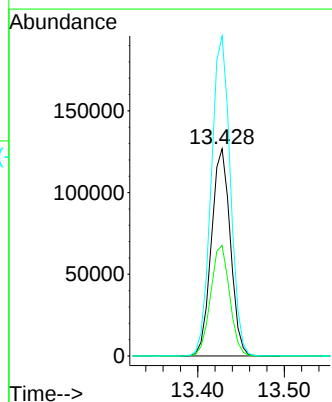
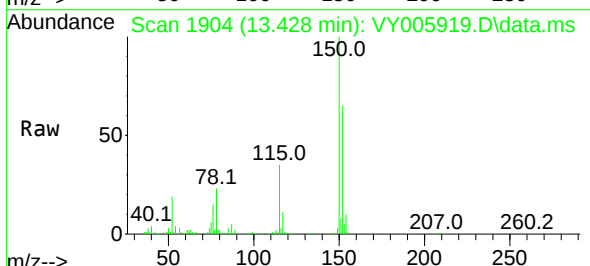
Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01

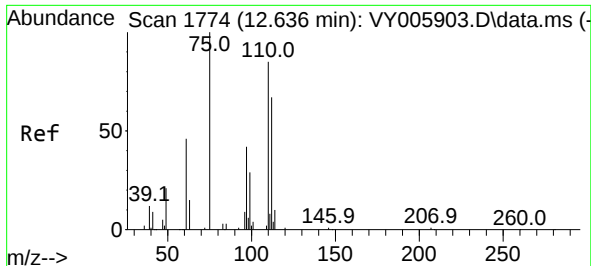
Tgt Ion:117 Resp: 368501
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion:152 Resp: 192621
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 155.8 0.0 345.6

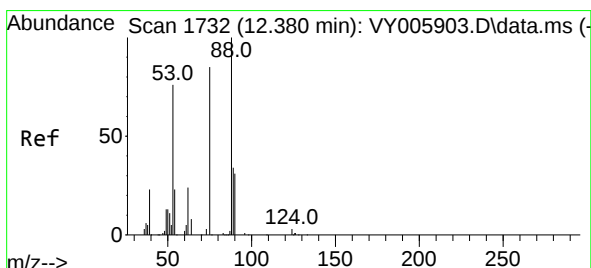
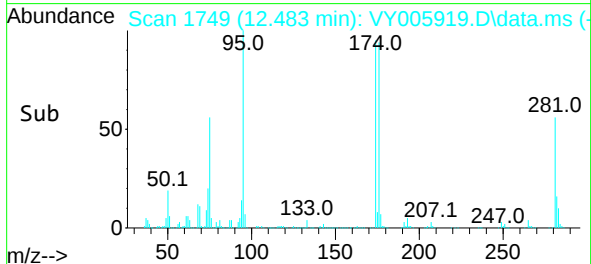
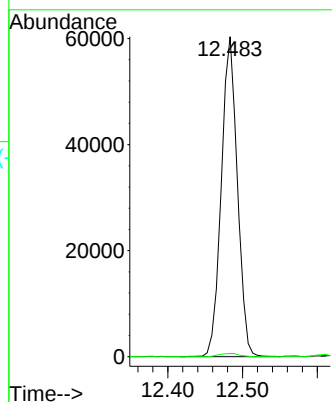
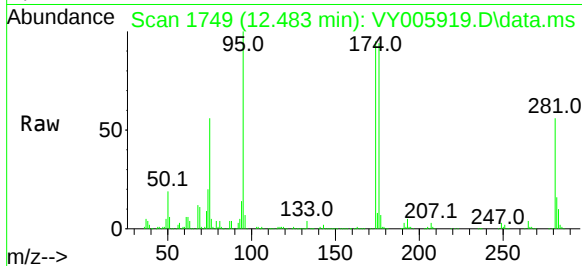




#76
1,2,3-Trichloropropane
Concen: 50.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0901SBL01

Tgt Ion: 75 Resp: 90287
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.24 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005919.D
Acq: 01 Sep 2021 10:39

Tgt Ion: 75 Resp: 90287
Ion Ratio Lower Upper
75 100
53 0.1 71.8 107.8#
89 0.5 35.8 53.6#

