

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008416.D
 Acq On : 20 Apr 2022 14:21
 Operator : KP/MD
 Sample : N2451-02
 Misc : 7.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7085

Quant Time: Apr 21 02:38:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

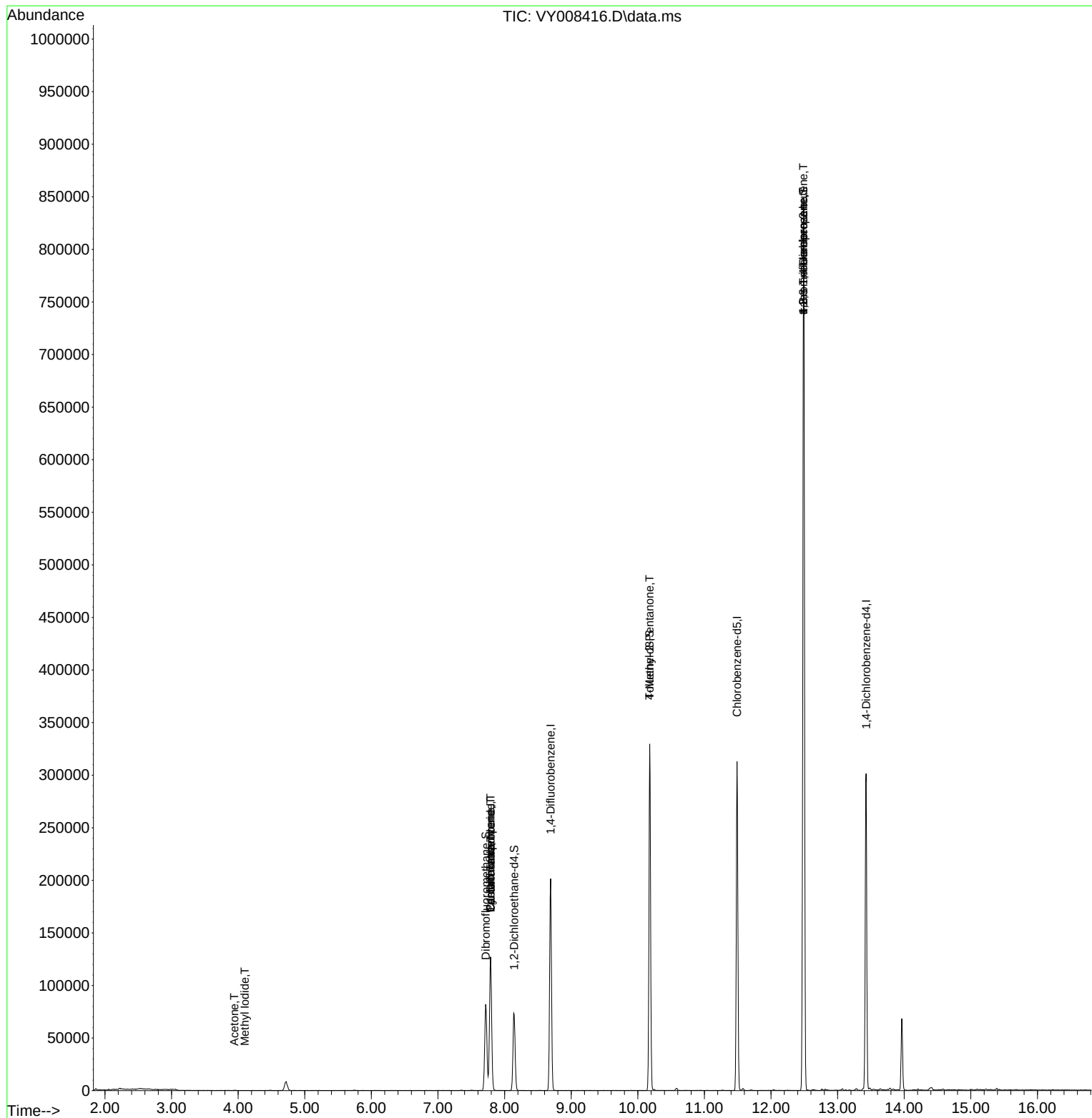
Internal Standards						
1) Pentafluorobenzene	7.789	168	99034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56254	60.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.940%	
35) Dibromofluoromethane	7.716	113	55834	54.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.780%	
50) Toluene-d8	10.179	98	216367	61.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.200%	
62) 4-Bromofluorobenzene	12.483	95	79267	60.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.000%	
Target Compounds						
3) Chloromethane	2.107	50	222	Below Cal	#	74
5) Bromomethane	2.656	94	259	Below Cal		99
10) Methyl Iodide	4.101	142	44	2.426	ug/l #	35
16) Acetone	3.942	43	270	1.207	ug/l #	79
18) Methyl Acetate	4.472	43	506	Below Cal	#	56
20) Methylene Chloride	4.722	84	6713	Below Cal	#	74
31) Cyclohexane	7.789	56	2142	1.273	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	7518	4.587	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10107	5.732	ug/l #	13
51) 4-Methyl-2-Pentanone	10.179	43	878	1.084	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	47770	55.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47770	123.243	ug/l #	9

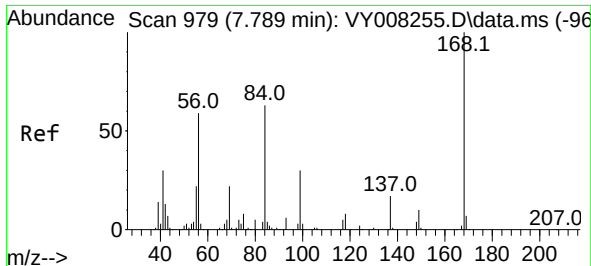
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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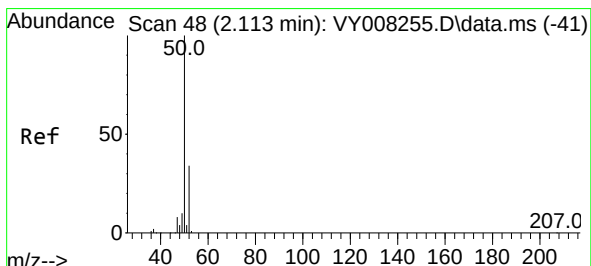
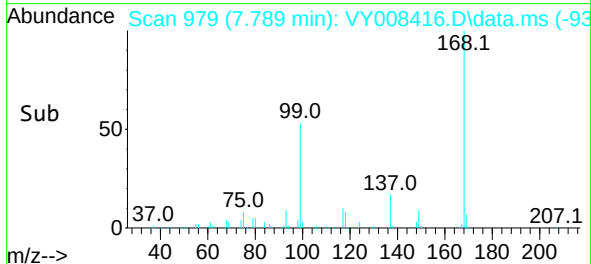
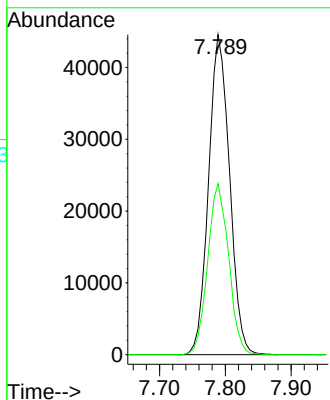
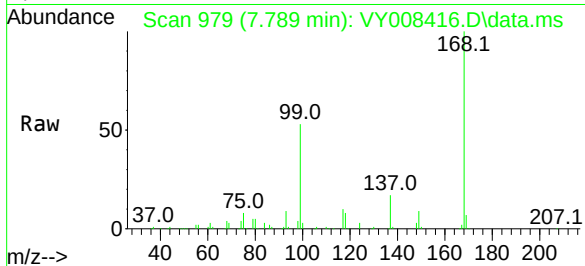




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

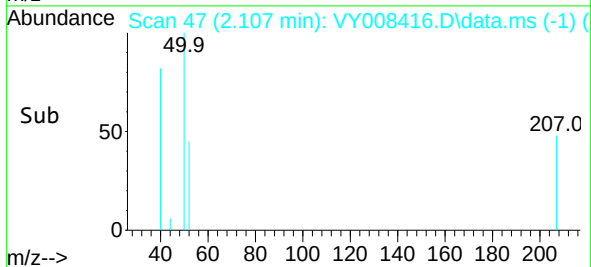
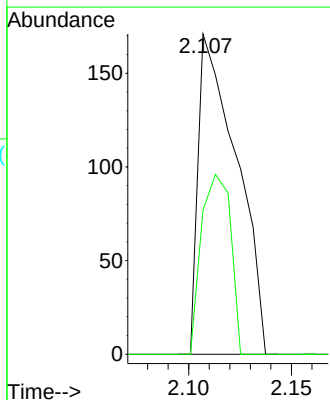
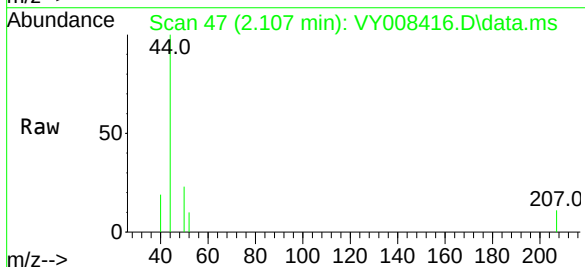
Instrument :
MSVOA_Y
ClientSampleId :
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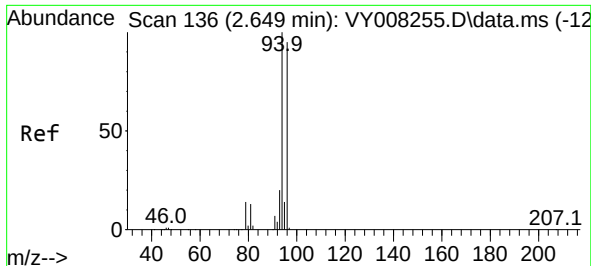
Tgt Ion:168 Resp: 99034
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 50 Resp: 222
Ion Ratio Lower Upper
50 100
52 45.0 24.6 37.0#

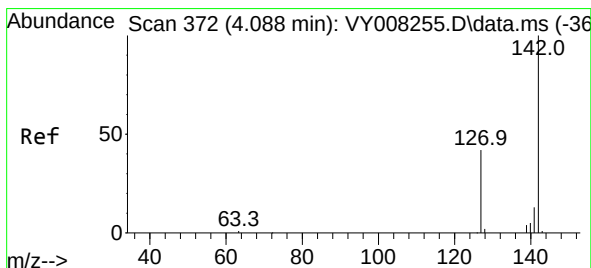
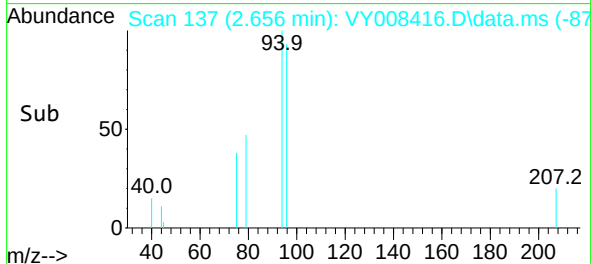
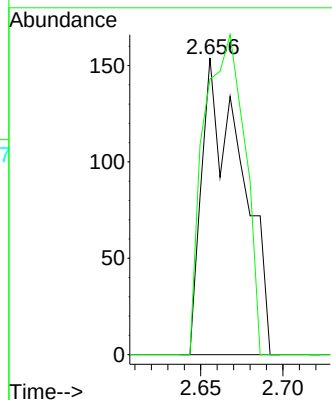
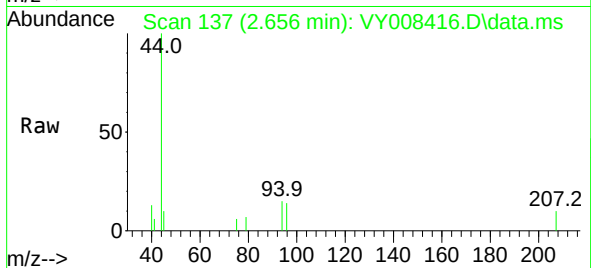




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

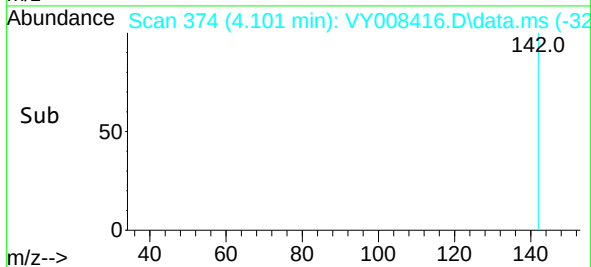
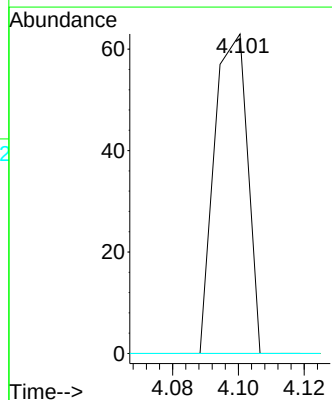
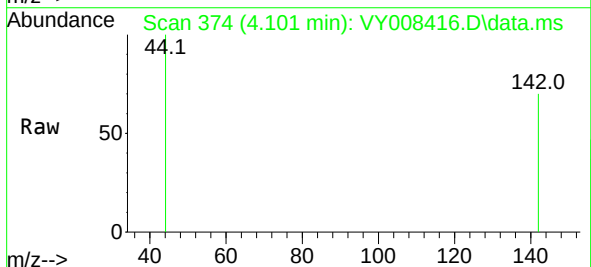
Instrument :
MSVOA_Y
ClientSampleId :
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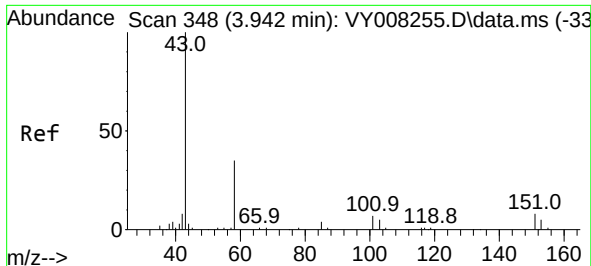
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 92.9 73.5 110.3



#10
Methyl Iodide
Concen: 2.426 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

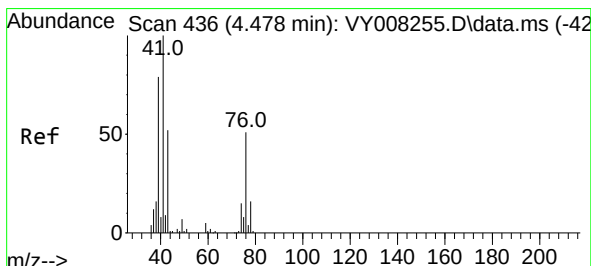
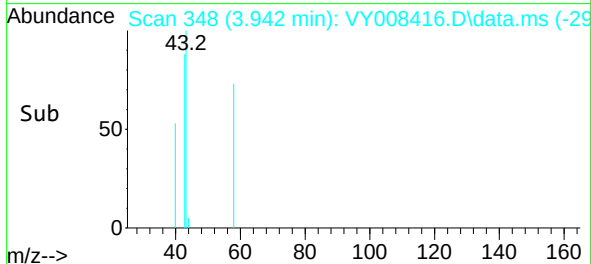
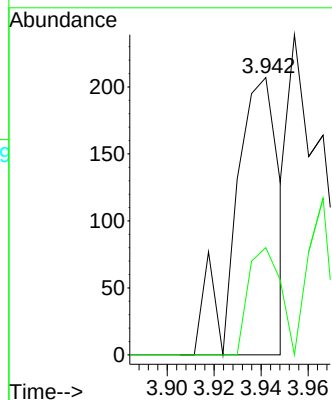
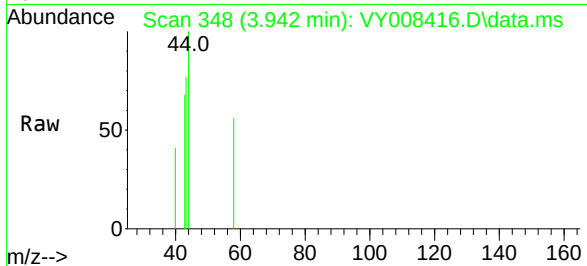




#16
Acetone
Concen: 1.207 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

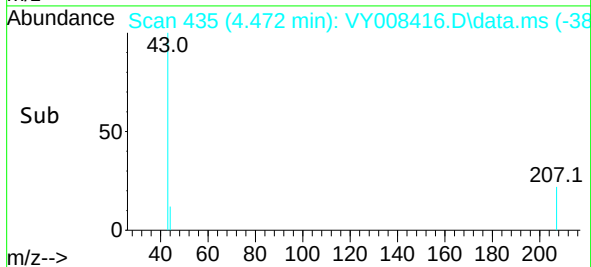
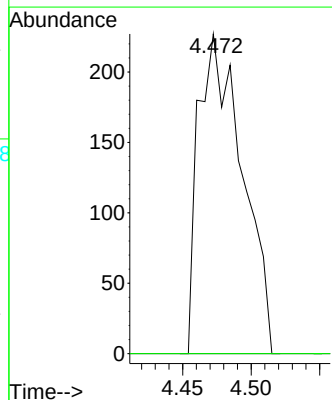
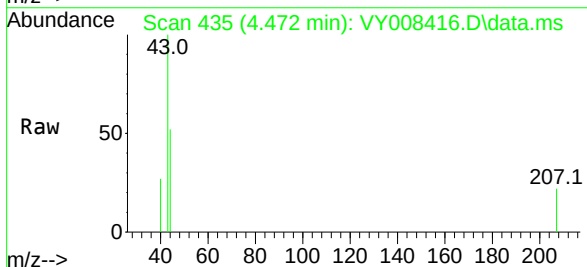
Instrument :
MSVOA_Y
ClientSampleId :
SB-7085

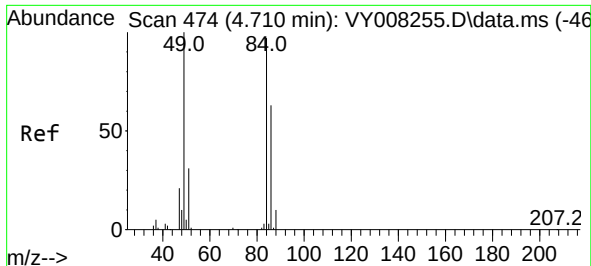
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 38.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

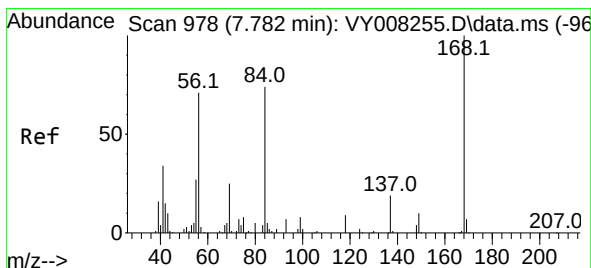
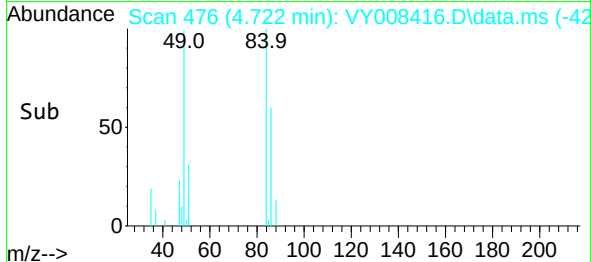
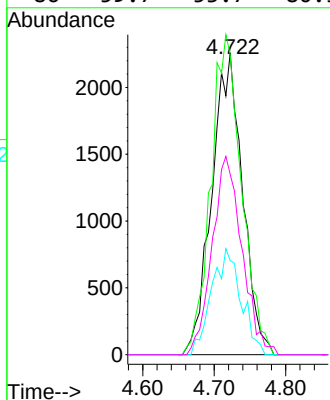
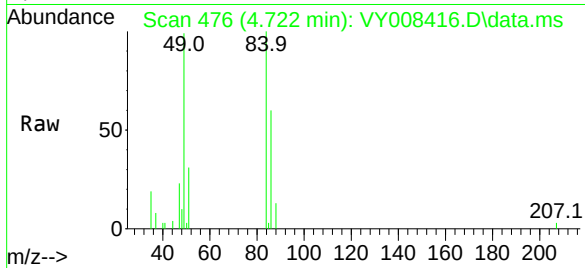




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

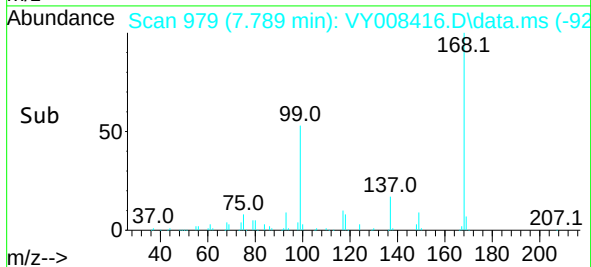
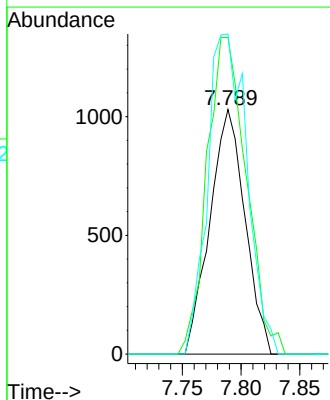
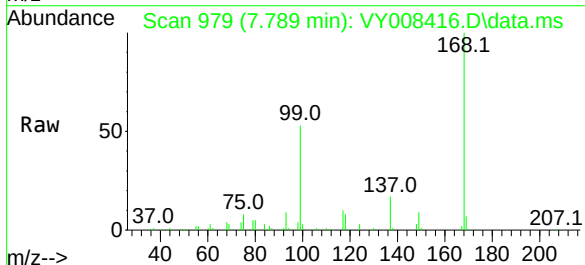
Instrument :
MSVOA_Y
ClientSampleId :
SB-7085

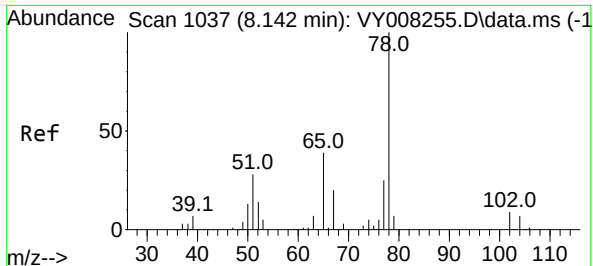
Tgt Ion: 84 Resp: 6713
Ion Ratio Lower Upper
84 100
49 99.4 114.4 171.6#
51 31.2 35.3 52.9#
86 59.7 53.7 80.5



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
69 129.4 26.7 40.1#
84 130.9 67.2 100.8#

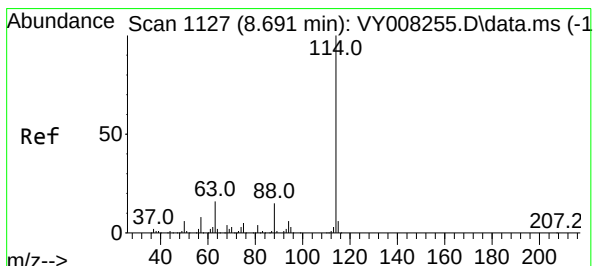
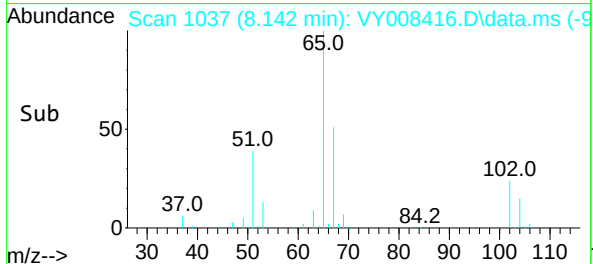
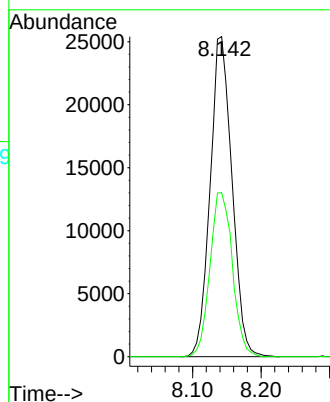
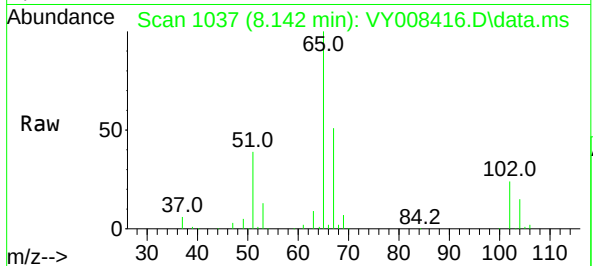




#33
1,2-Dichloroethane-d4
Concen: 60.472 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

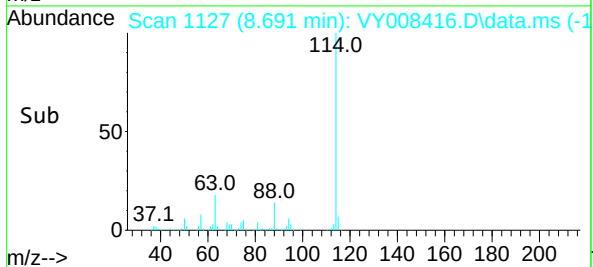
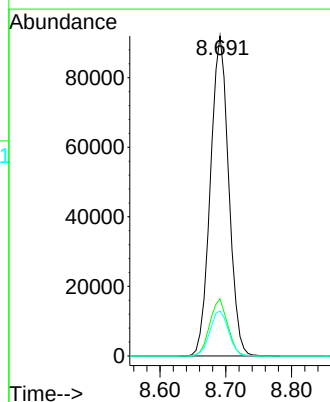
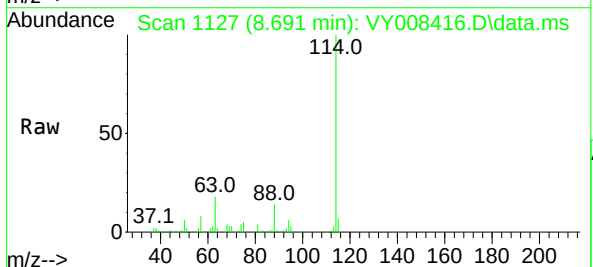
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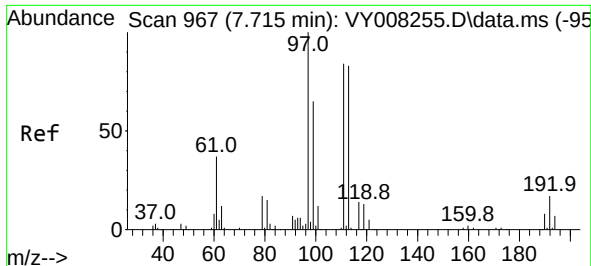
Tgt Ion: 65 Resp: 56254
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 114 Resp: 177716
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 14.0 0.0 31.8

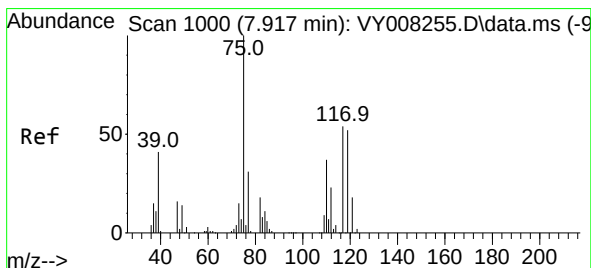
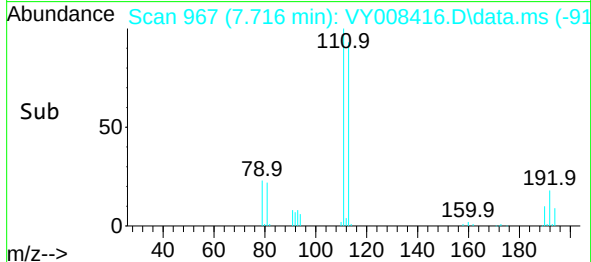
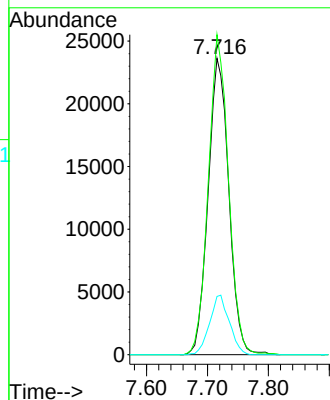
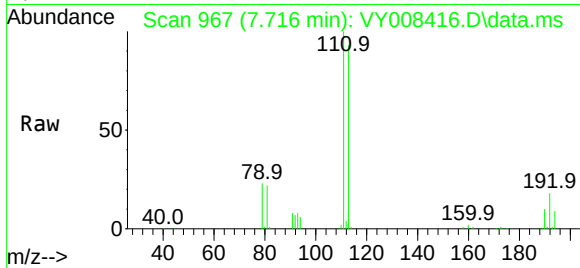




#35
Dibromofluoromethane
Concen: 54.395 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

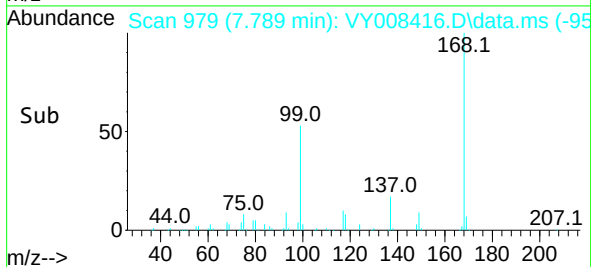
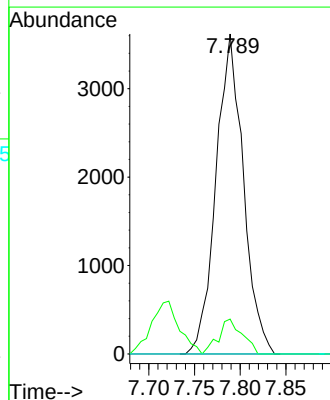
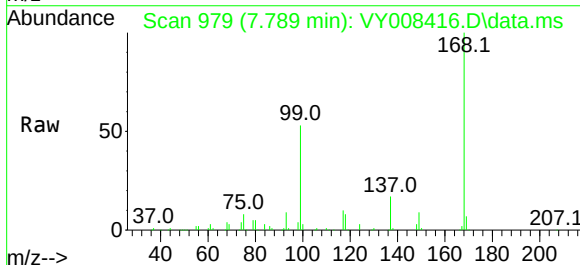
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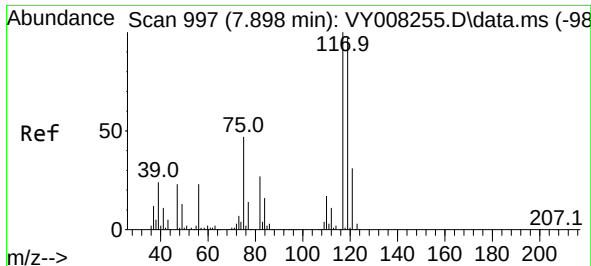
Tgt Ion:113 Resp: 55834
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 19.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.587 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 75 Resp: 7518
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#

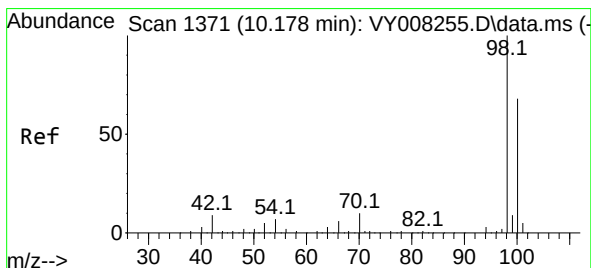
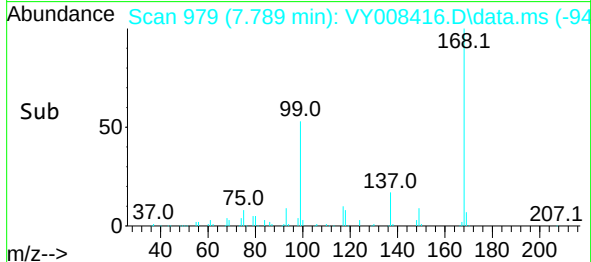
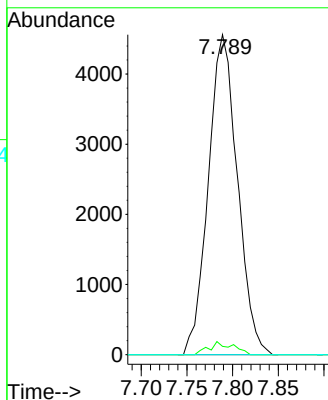
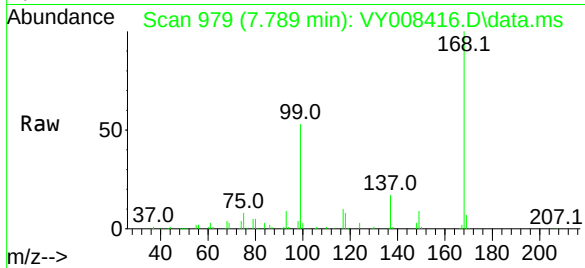




#38
Carbon Tetrachloride
Concen: 5.732 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

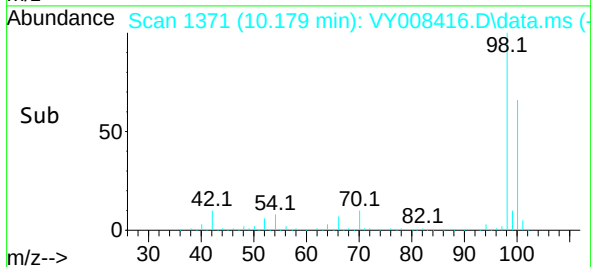
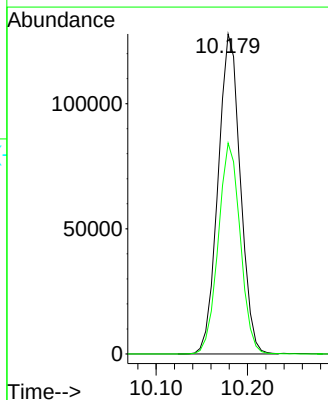
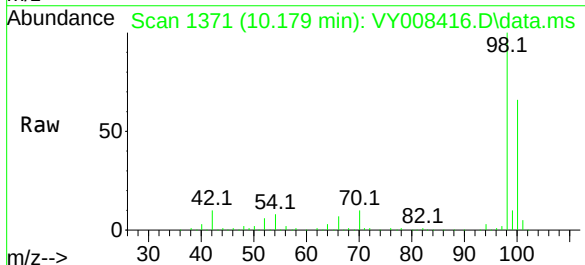
Instrument :
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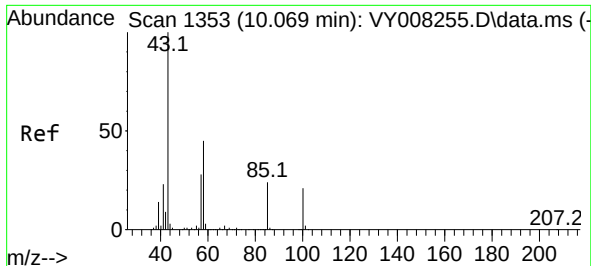
Tgt Ion:117 Resp: 10107
Ion Ratio Lower Upper
117 100
119 2.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.602 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 98 Resp: 216367
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

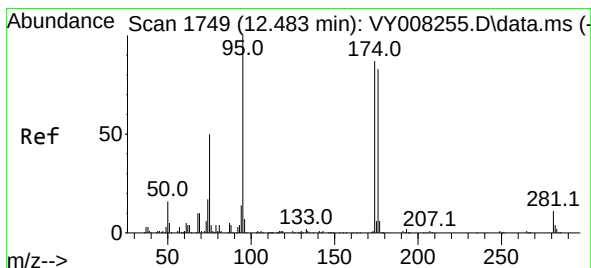
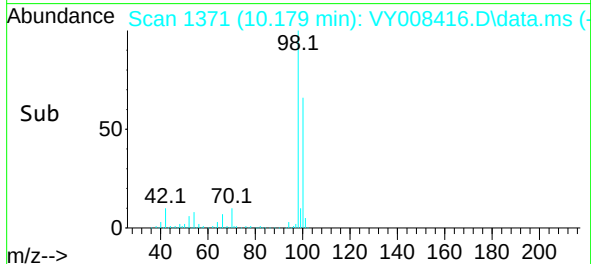
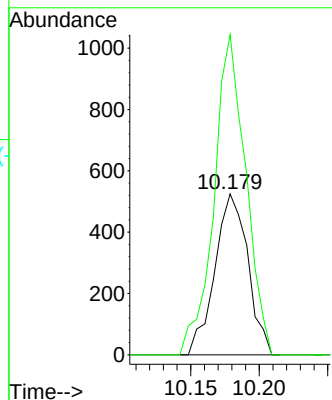
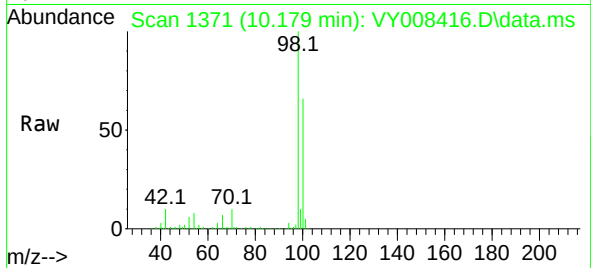




#51
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

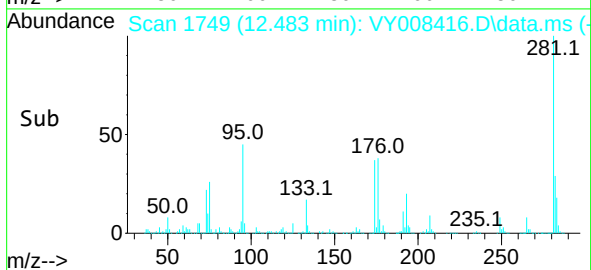
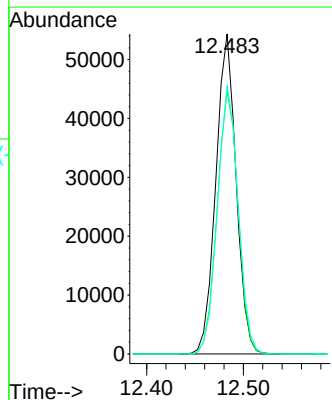
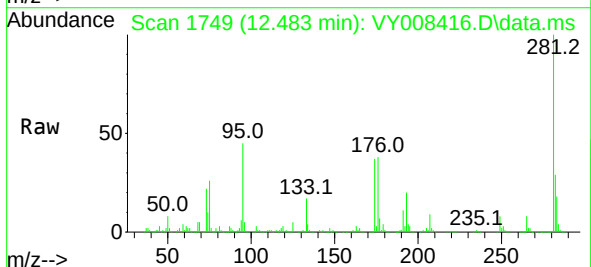
Instrument :
MSVOA_Y
ClientSampleId :
SB-7085

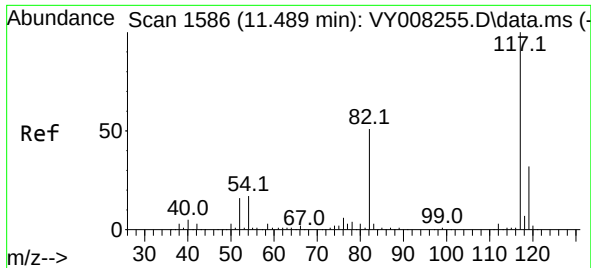
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
58 191.6 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 60.002 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 95 Resp: 79267
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 85.6 0.0 175.8

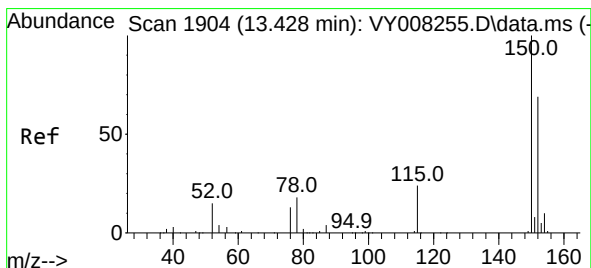
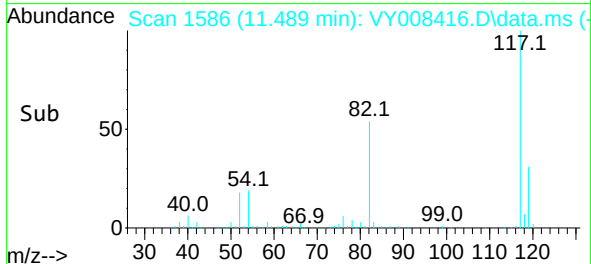
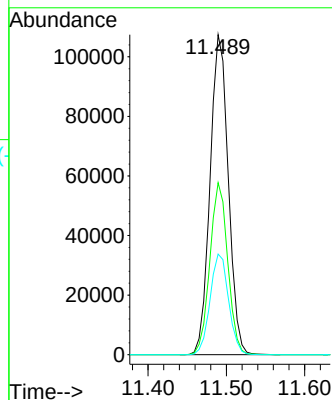
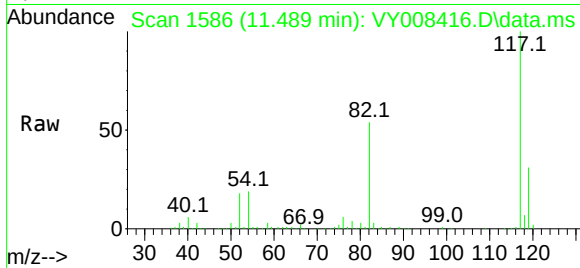




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

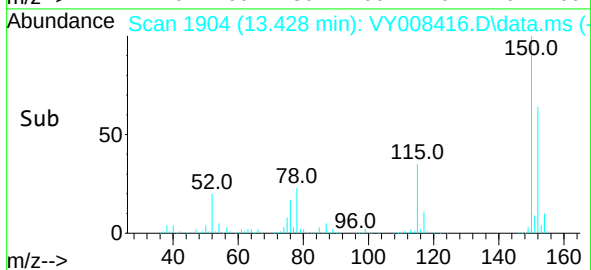
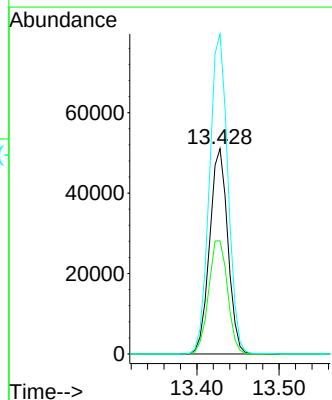
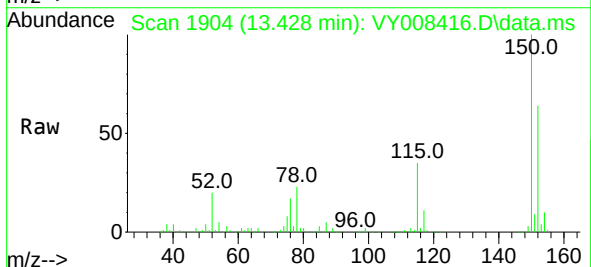
Instrument :
MSVOA_Y
ClientSampleId :
SB-7085

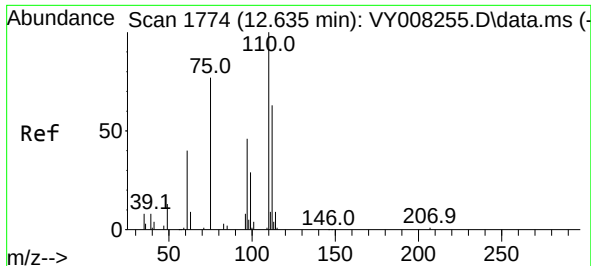
Tgt Ion:117 Resp: 173373
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion:152 Resp: 78416
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.6 0.0 347.6

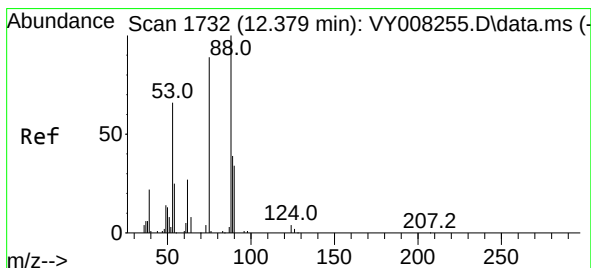
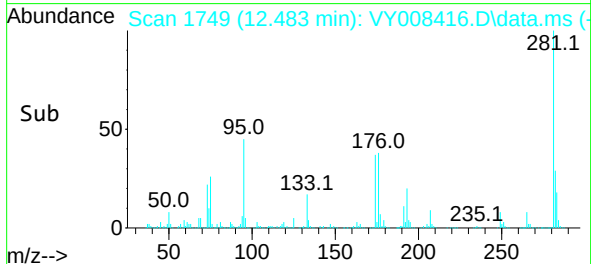
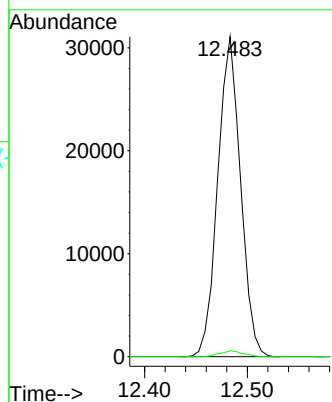
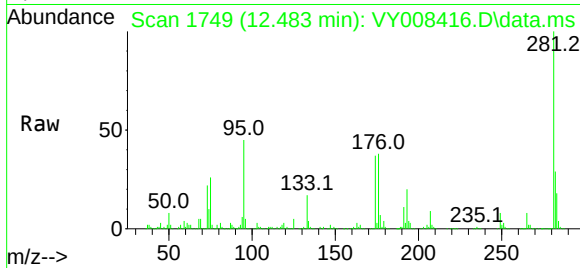




#76
1,2,3-Trichloropropane
Concen: 55.081 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :
SB-7085

Tgt Ion: 75 Resp: 47770
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008416.D
Acq: 20 Apr 2022 14:21

Tgt Ion: 75 Resp: 47770
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.2 37.0 55.4#

