

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007809.D
 Acq On : 09 Mar 2022 19:03
 Operator : SY/MD
 Sample : N1829-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:05:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

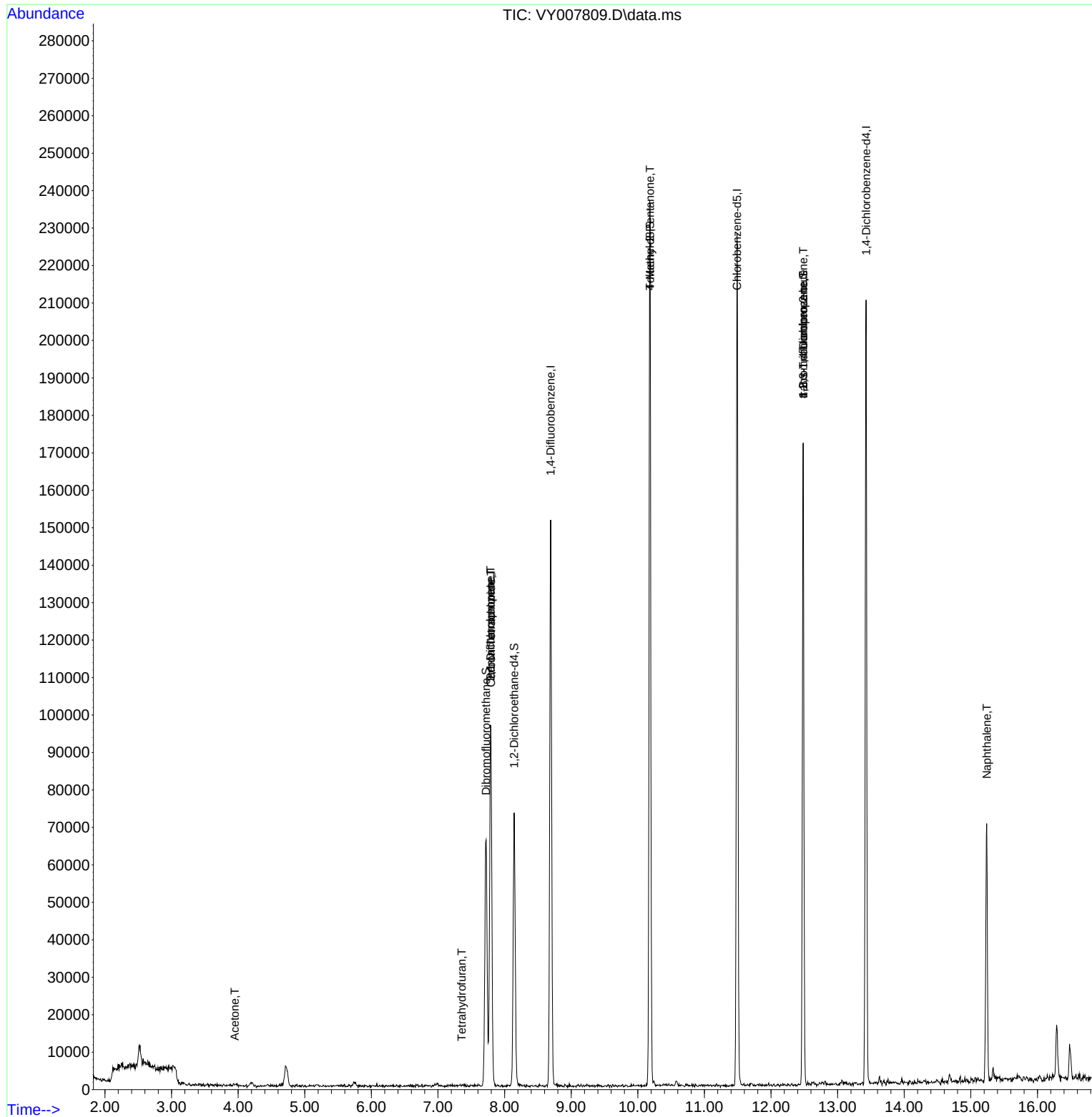
Internal Standards						
1) Pentafluorobenzene	7.789	168	74295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	52188	67.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.200%	
35) Dibromofluoromethane	7.722	113	45046	56.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.185	98	155111	52.645	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.483	95	45594	48.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	634	Below Cal	#	35
13) Acrolein	3.747	56	25	Below Cal	#	14
16) Acetone	3.948	43	989	6.251	ug/l #	67
17) Carbon Disulfide	4.210	76	1399	Below Cal	#	75
18) Methyl Acetate	4.466	43	43	Below Cal	#	56
29) Tetrahydrofuran	7.356	42	298	1.641	ug/l #	44
31) Cyclohexane	7.795	56	2143	Below Cal	#	29
36) 1,1-Dichloropropene	7.789	75	6220	4.940	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7580	5.644	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1002	1.456	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	26682	46.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26682	94.470	ug/l #	8
95) Naphthalene	15.239	128	55394	26.236	ug/l	99

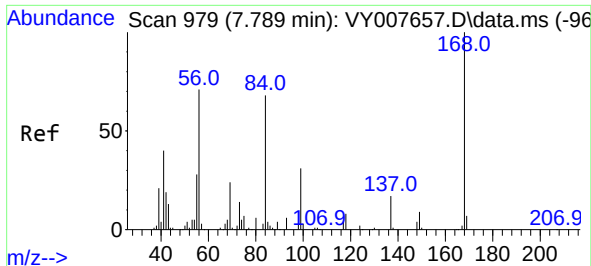
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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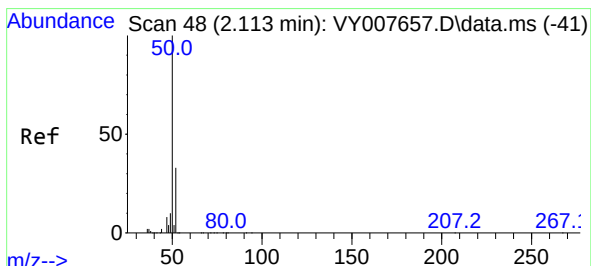
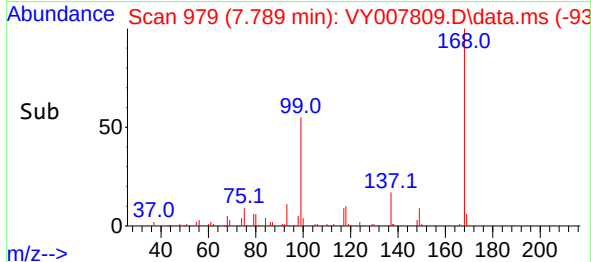
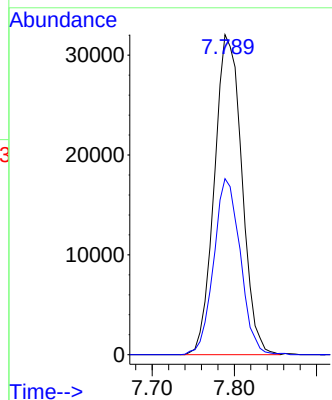
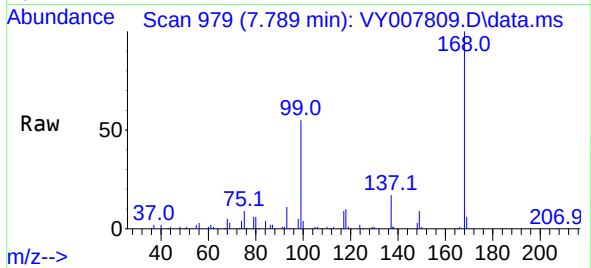




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

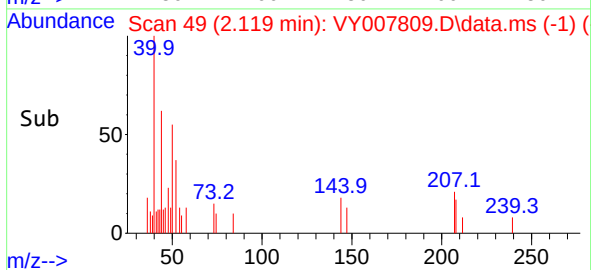
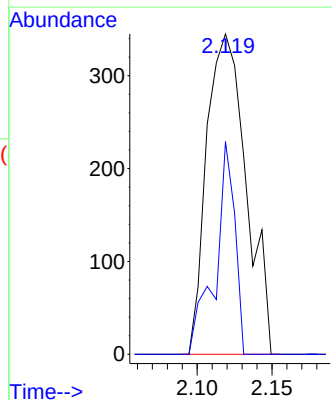
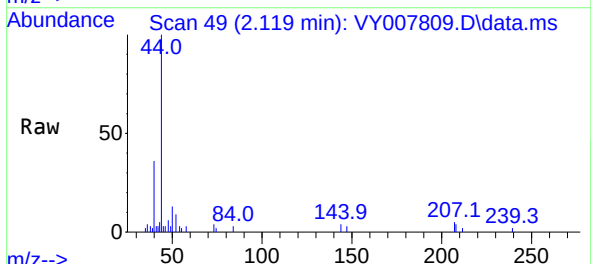
Instrument :
MSVOA_Y
ClientSampleId :

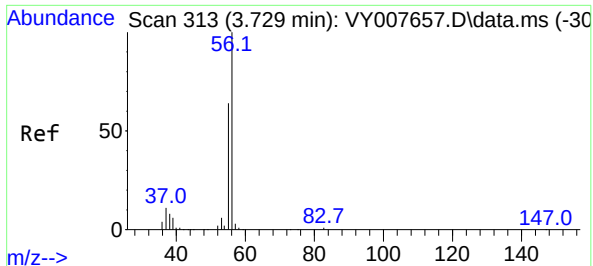
Tgt Ion:168 Resp: 74295
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 66.4 24.6 37.0#

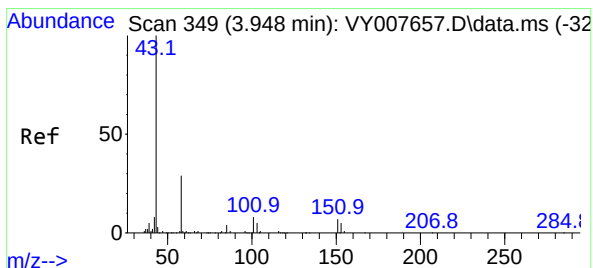
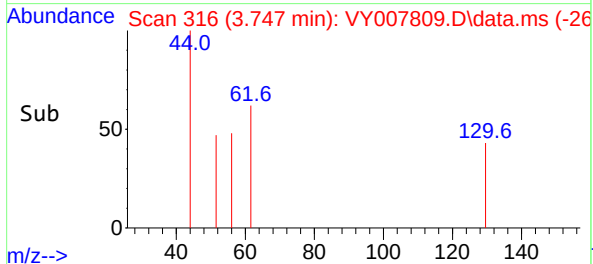
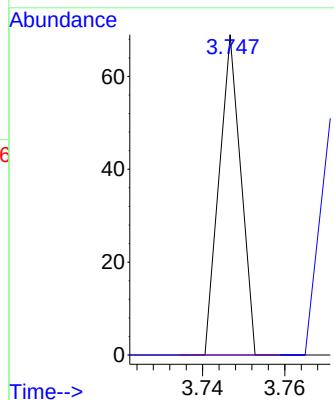
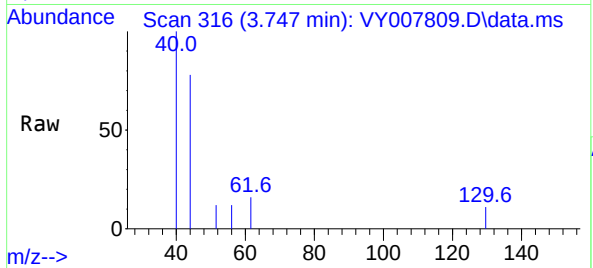




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 313
Delta R.T. 0.018 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

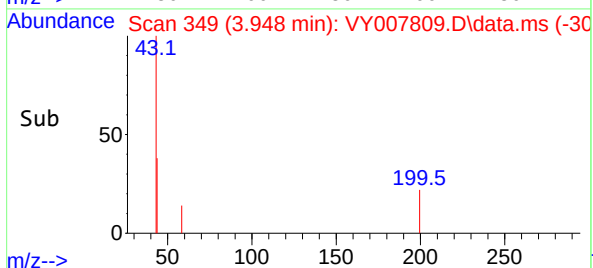
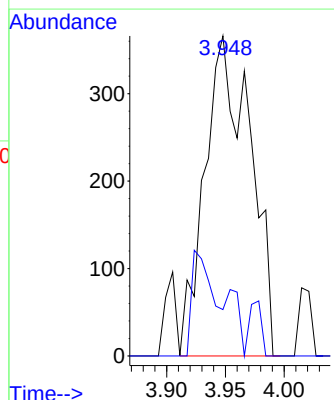
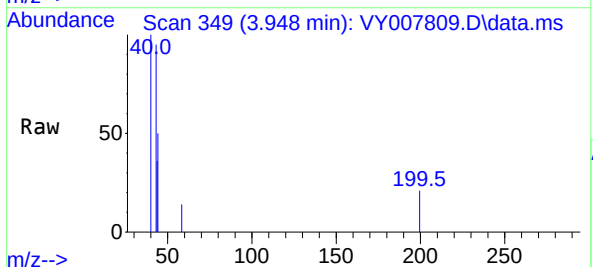
Instrument :
MSVOA_Y
ClientSampleId :

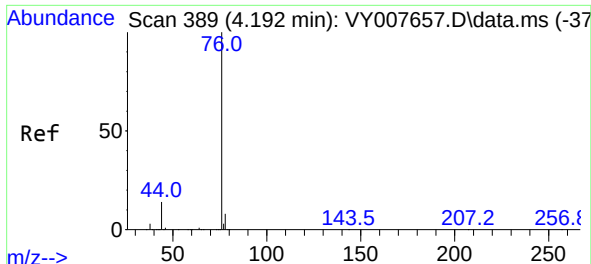
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 6.251 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 10.5 22.0 33.0#

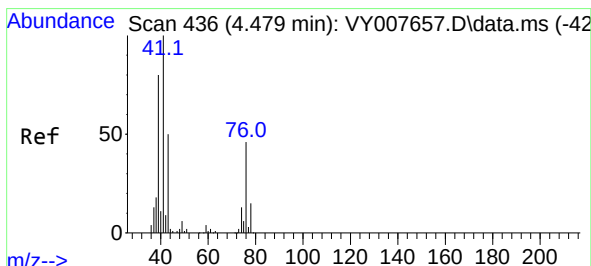
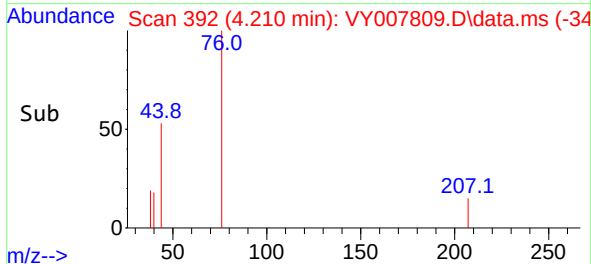
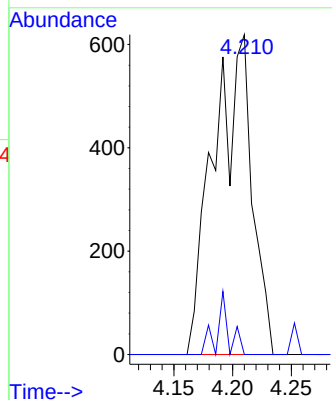
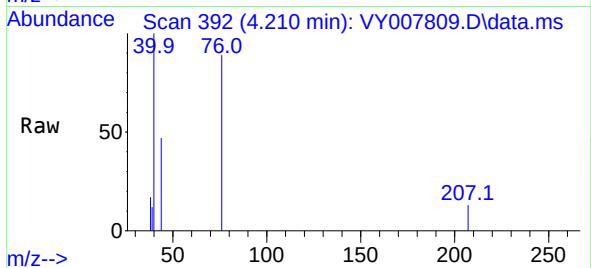




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

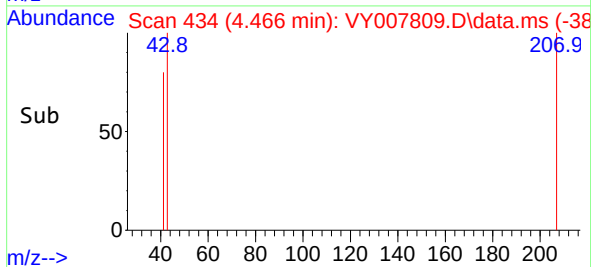
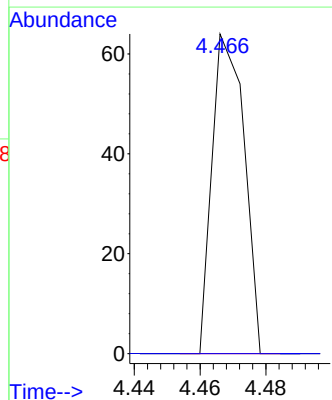
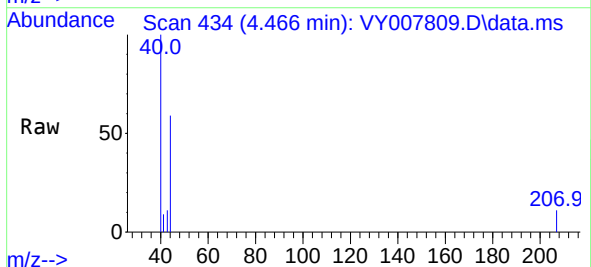
Instrument :
MSVOA_Y
ClientSampleId :

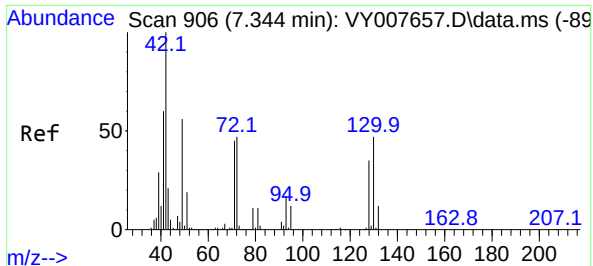
Tgt Ion: 76 Resp: 1399
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

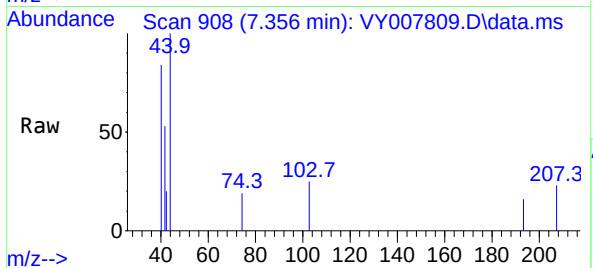
Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



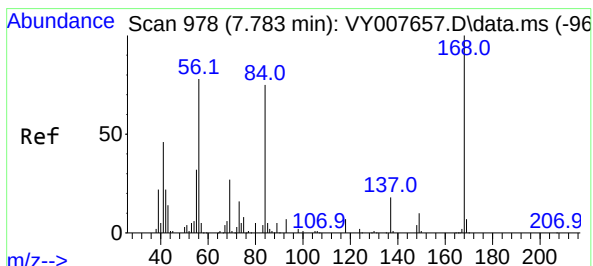
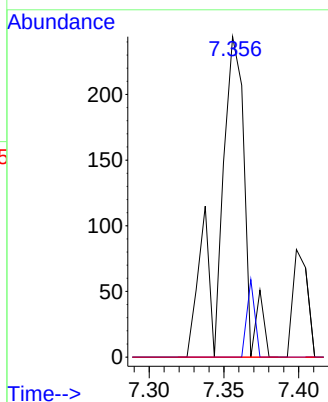
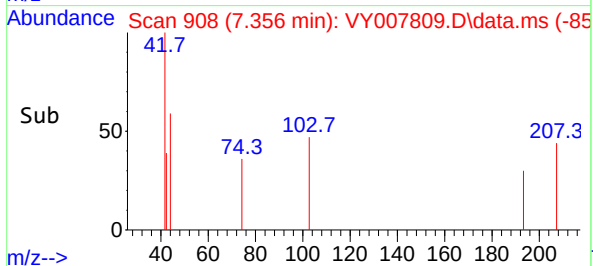


#29
Tetrahydrofuran
Concen: 1.641 ug/l
RT: 7.356 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

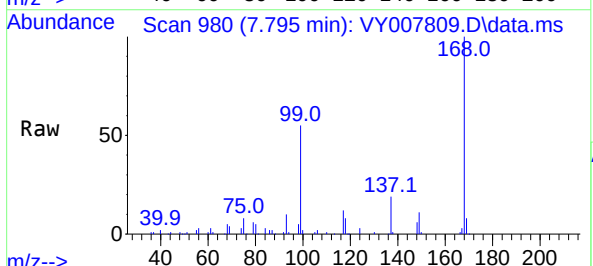
Instrument :
MSVOA_Y
ClientSampleId :



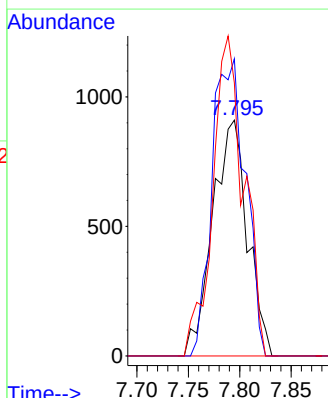
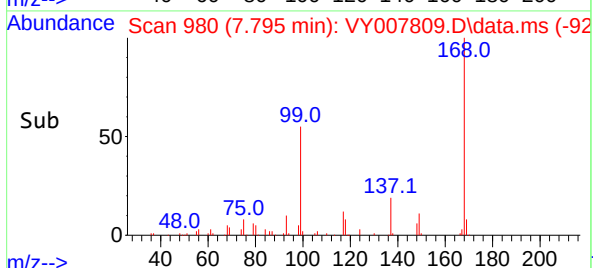
Tgt Ion: 42 Resp: 298
Ion Ratio Lower Upper
42 100
72 7.4 30.3 45.5#
71 0.0 29.0 43.4#

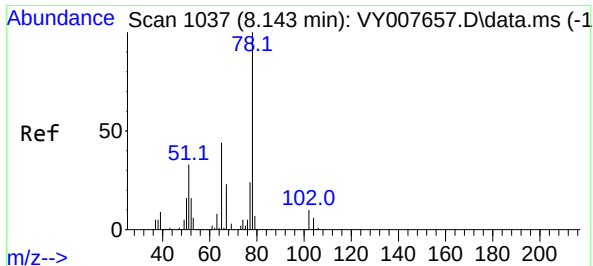


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03



Tgt Ion: 56 Resp: 2143
Ion Ratio Lower Upper
56 100
69 126.0 26.7 40.1#
84 115.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.097 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY007809.D

Acq: 09 Mar 2022 19:03

Instrument :

MSVOA_Y

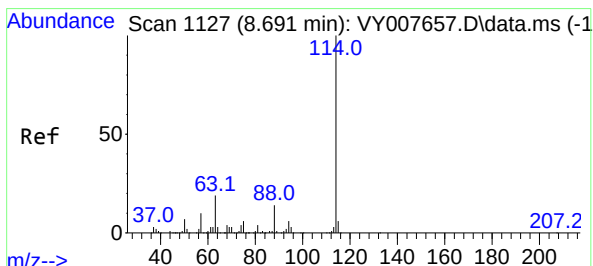
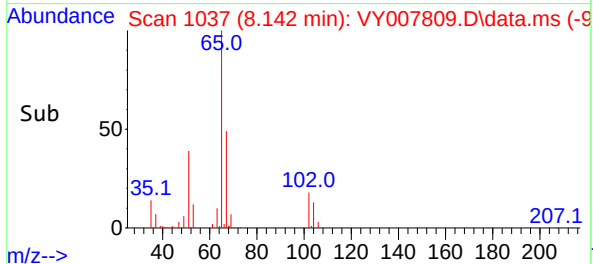
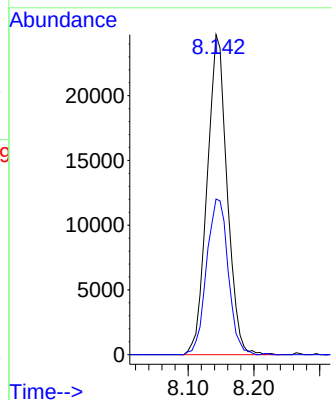
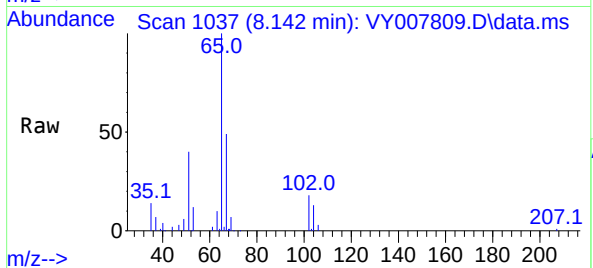
ClientSampleId :

Tgt Ion: 65 Resp: 52188

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: VY007809.D

Acq: 09 Mar 2022 19:03

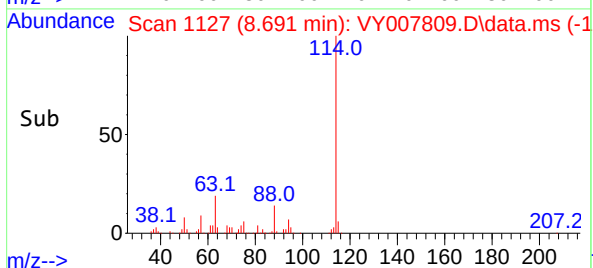
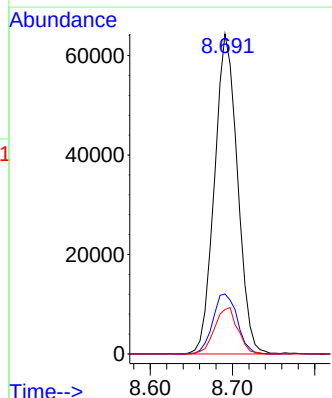
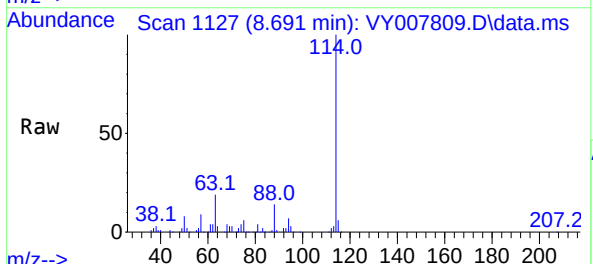
Tgt Ion:114 Resp: 125195

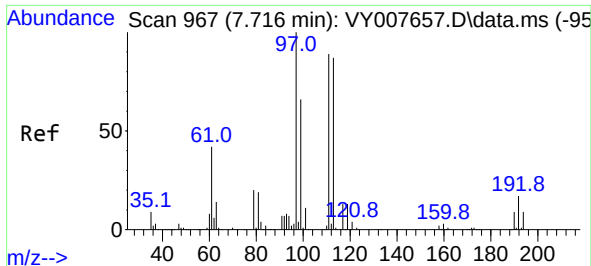
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

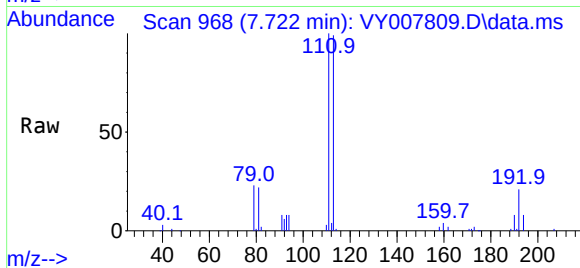
88 13.9 0.0 31.8



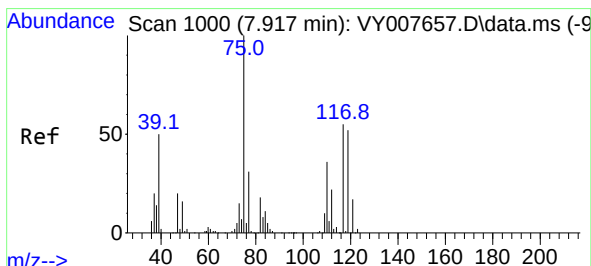
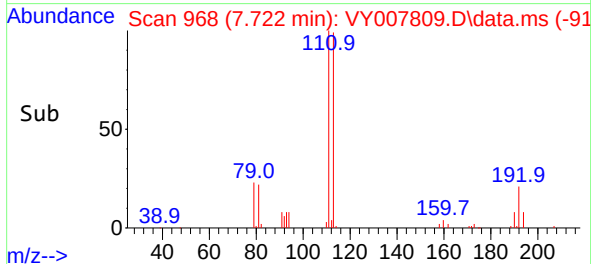
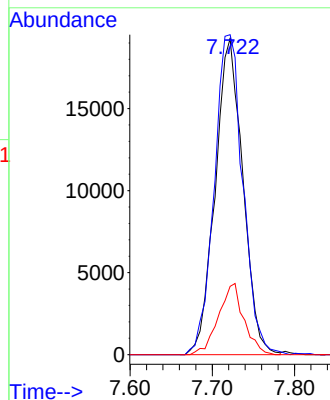


#35
Dibromofluoromethane
Concen: 56.279 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :

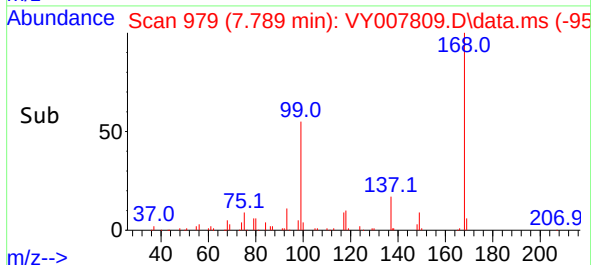
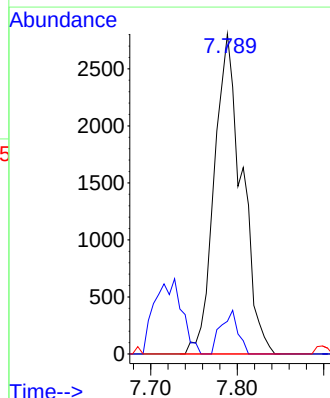
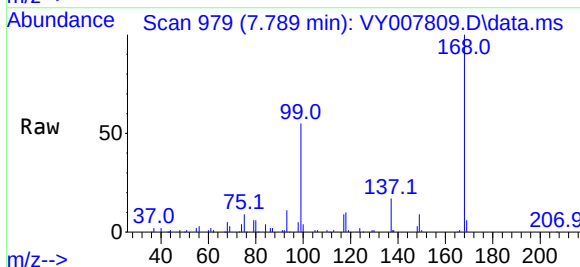


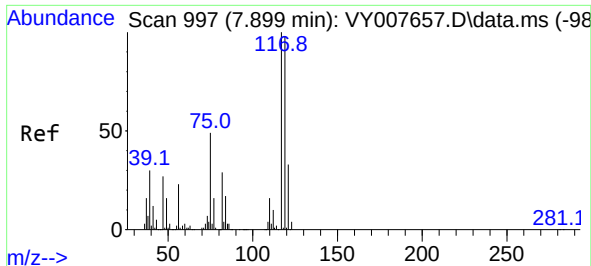
Tgt Ion:113 Resp: 45046
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.940 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

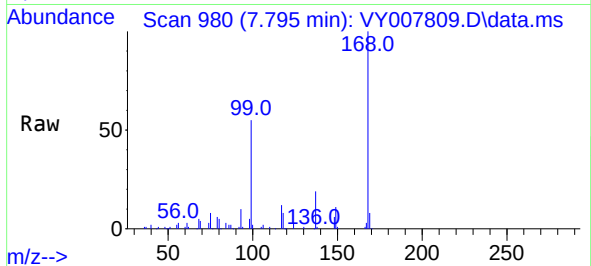
Tgt Ion: 75 Resp: 6220
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



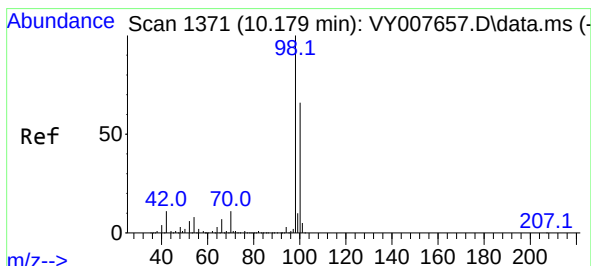
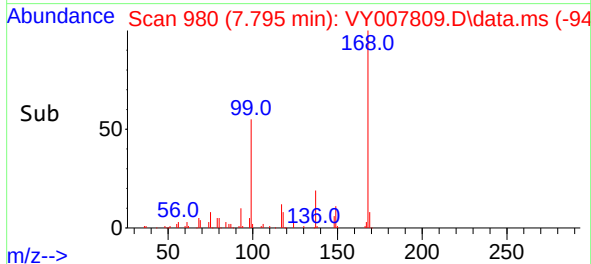
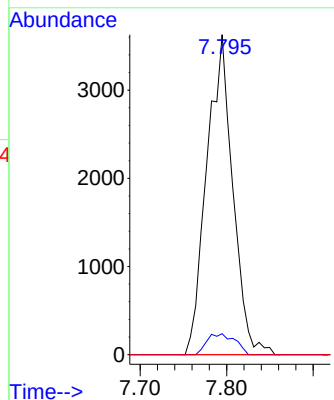


#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :

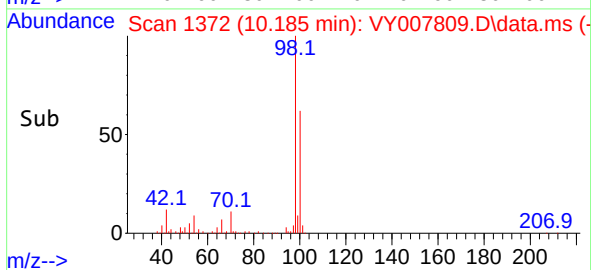
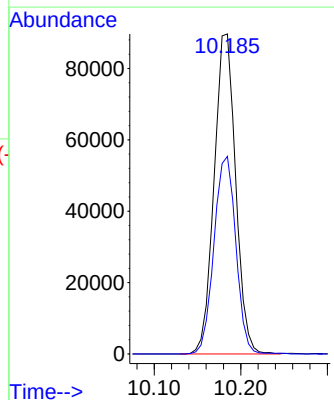
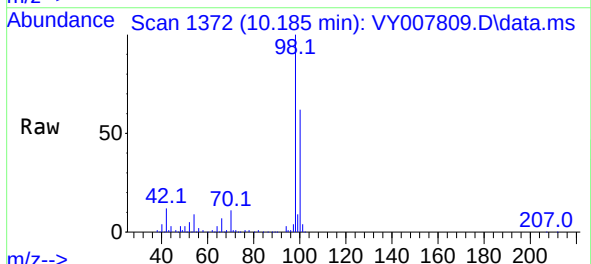


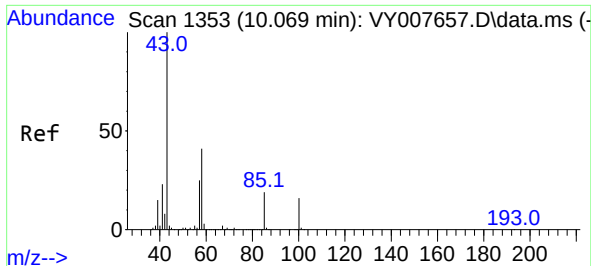
Tgt Ion:117 Resp: 7580
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.645 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion: 98 Resp: 155111
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2

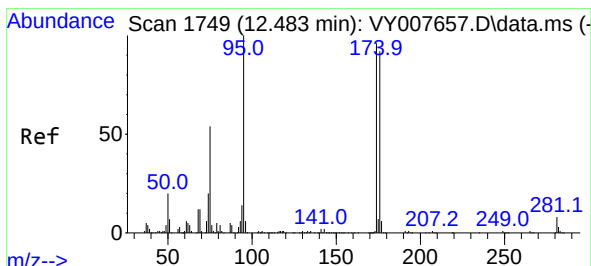
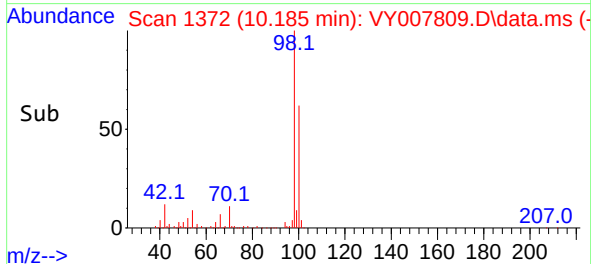
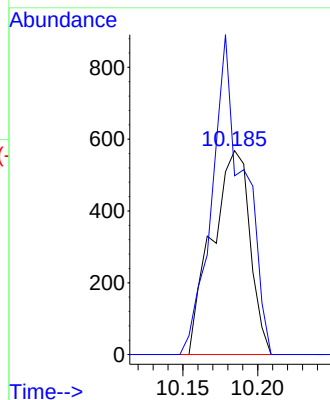
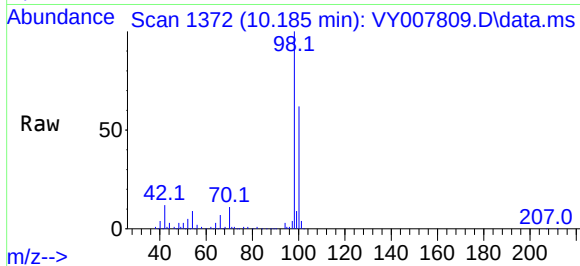




#51
4-Methyl-2-Pentanone
Concen: 1.456 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

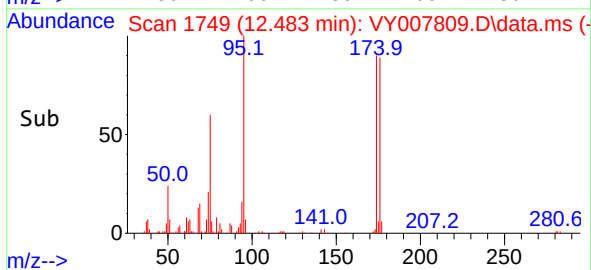
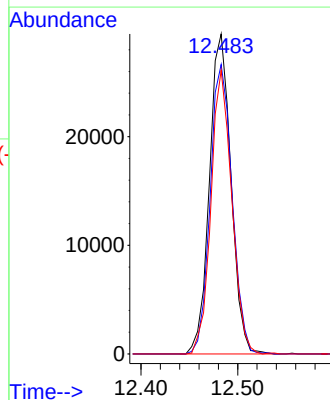
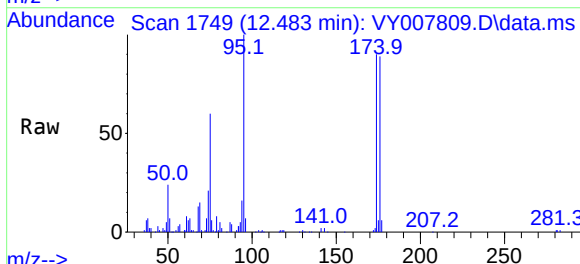
Instrument :
MSVOA_Y
ClientSampleId :

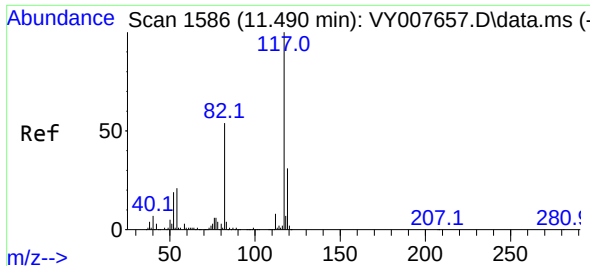
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 132.2 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.007 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion: 95 Resp: 45594
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 85.7 0.0 175.8

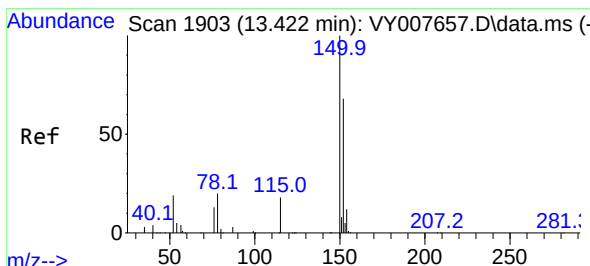
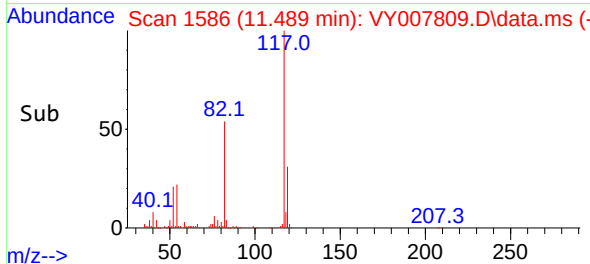
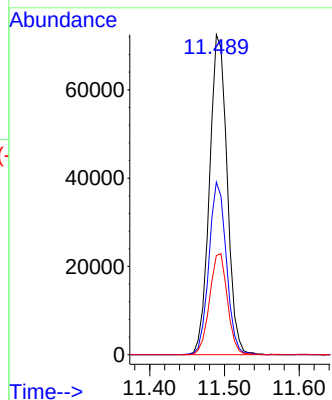
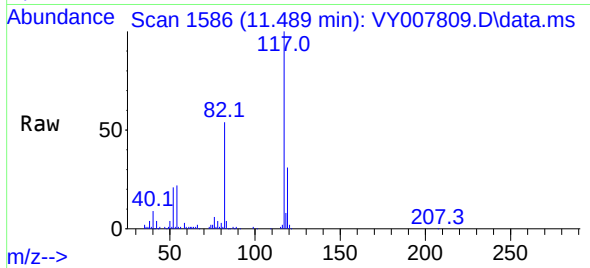




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

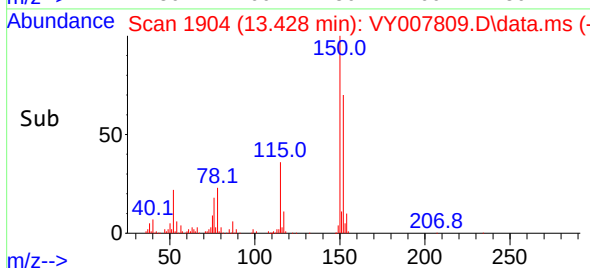
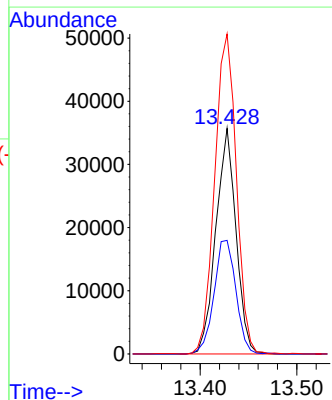
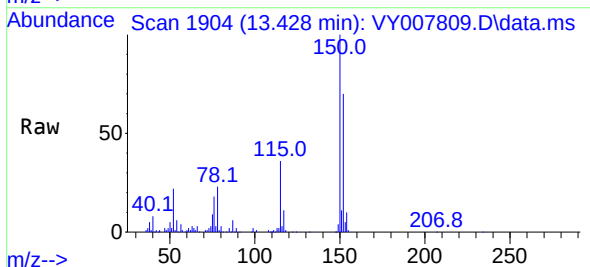
Instrument :
MSVOA_Y
ClientSampleId :

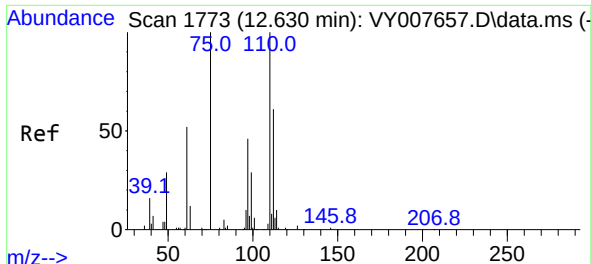
Tgt Ion:117 Resp: 118869
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Tgt Ion:152 Resp: 51704
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 152.3 0.0 347.6

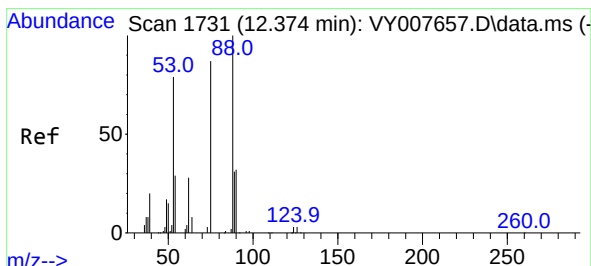
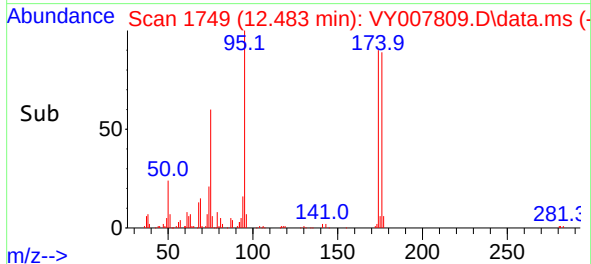
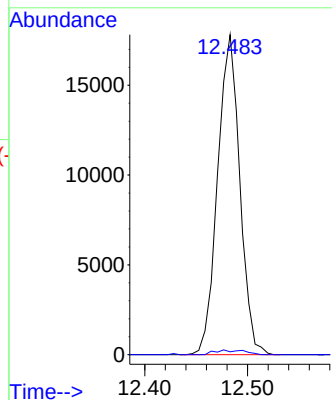
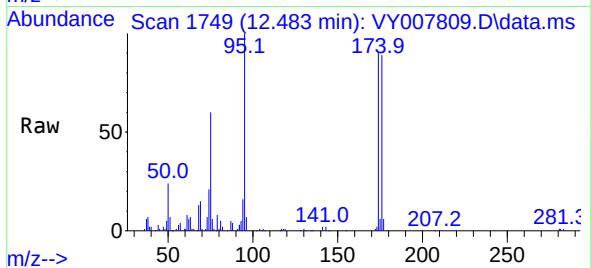




#76
1,2,3-Trichloropropane
Concen: 46.210 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

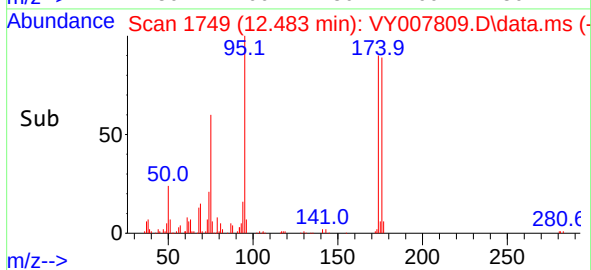
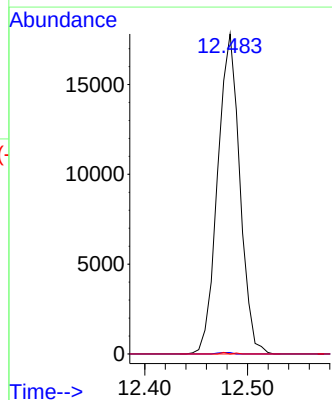
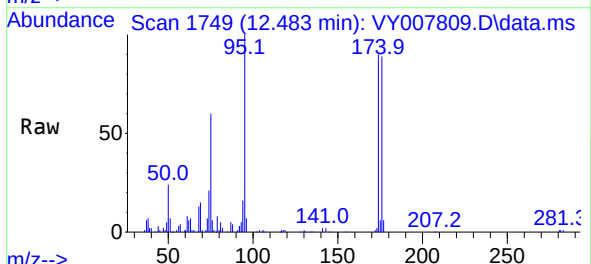
Instrument :
MSVOA_Y
ClientSampleId :

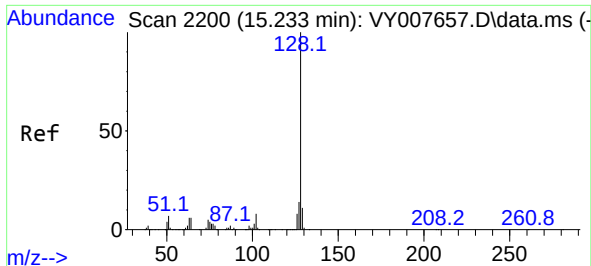
Tgt Ion: 75 Resp: 26682
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.470 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

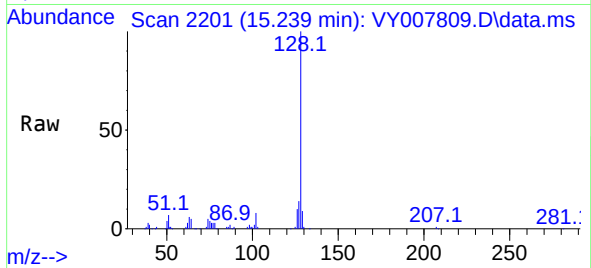
Tgt Ion: 75 Resp: 26682
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 0.2 37.0 55.4#





#95
Naphthalene
Concen: 26.236 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.005 min
Lab File: VY007809.D
Acq: 09 Mar 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 55394
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.4
129 10.1 8.4 12.6

