

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019115.D
 Acq On : 19 Aug 2024 14:26
 Operator : SY/MD
 Sample : P3614-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 19 15:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

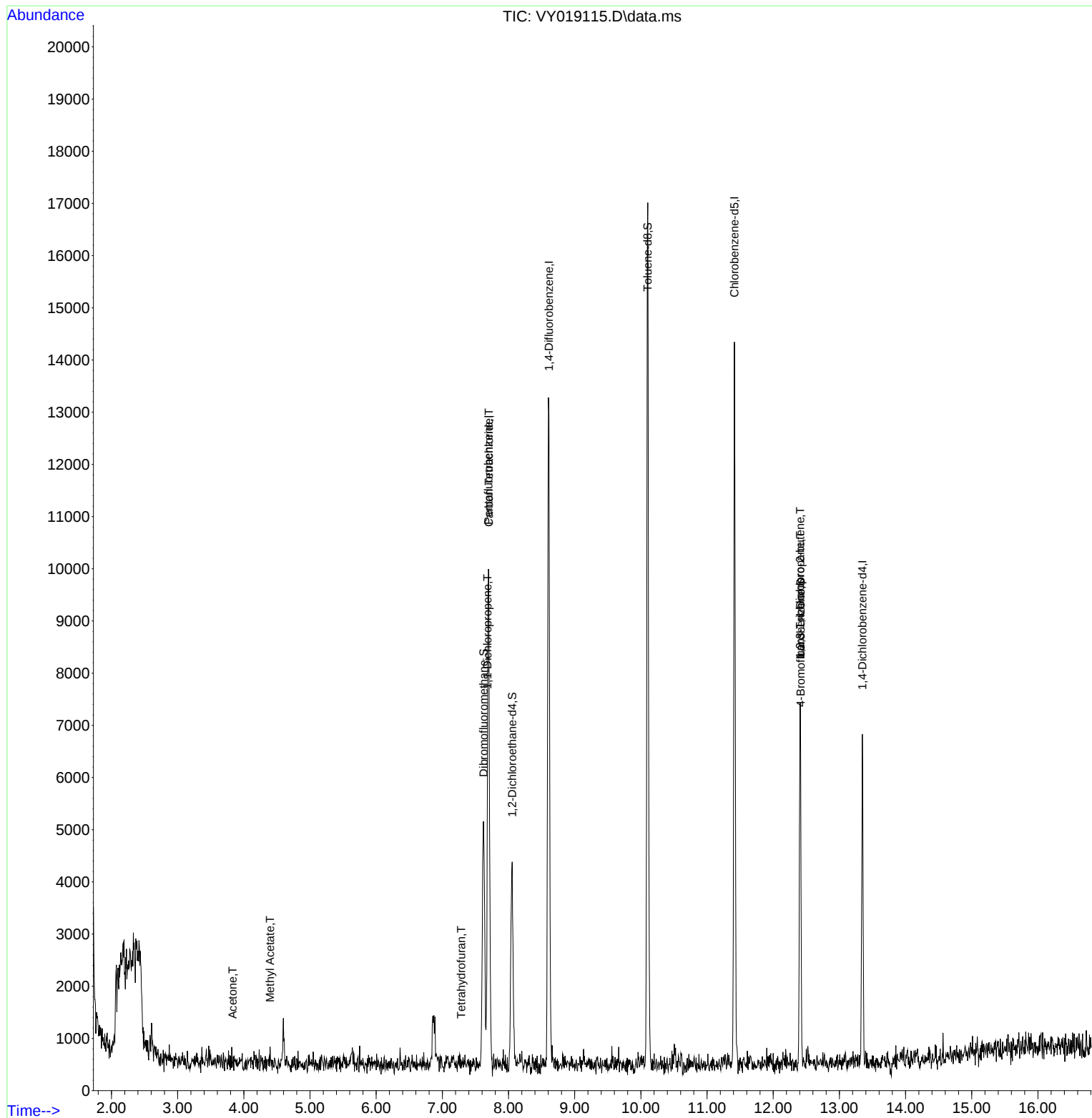
Internal Standards						
1) Pentafluorobenzene	7.695	168	7468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	11104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	7142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	3790	50.627	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.260%	
35) Dibromofluoromethane	7.622	113	3864	53.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.440%	
50) Toluene-d8	10.103	98	11095	42.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.920%	
62) 4-Bromofluorobenzene	12.414	95	2136	23.981	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 47.960%	
Target Compounds						Qvalue
5) Bromomethane	2.598	94	190	Below Cal		97
16) Acetone	3.830	43	19	1.369 ug/l	#	36
18) Methyl Acetate	4.397	43	61	1.432 ug/l	#	46
20) Methylene Chloride	4.598	84	360	Below Cal	#	86
29) Tetrahydrofuran	7.286	42	40	2.783 ug/l	#	26
31) Cyclohexane	7.695	56	77	Below Cal	#	82
36) 1,1-Dichloropropene	7.683	75	201	2.016 ug/l	#	40
38) Carbon Tetrachloride	7.701	117	799	6.915 ug/l	#	13
76) 1,2,3-Trichloropropane	12.407	75	1219	70.432 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.407	75	1219	173.943 ug/l	#	16

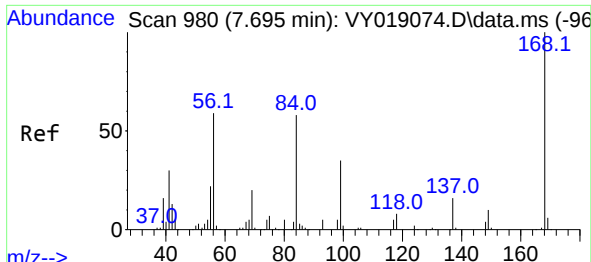
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

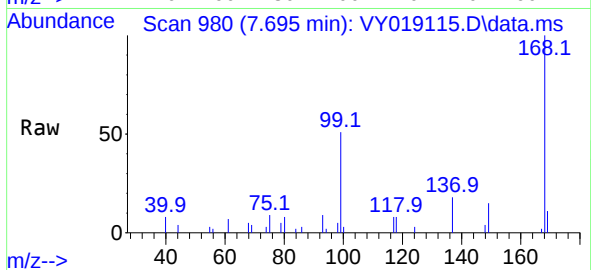
Quant Time: Aug 19 15:24:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration



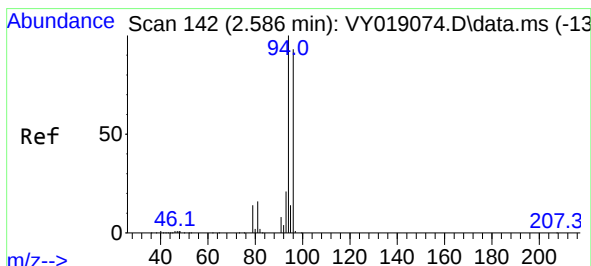
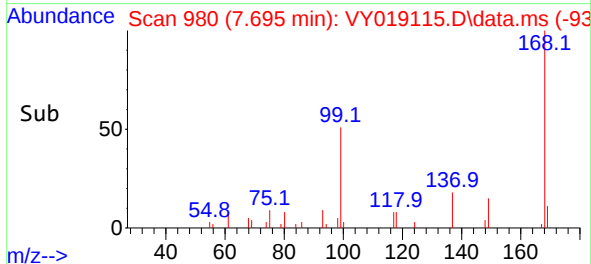
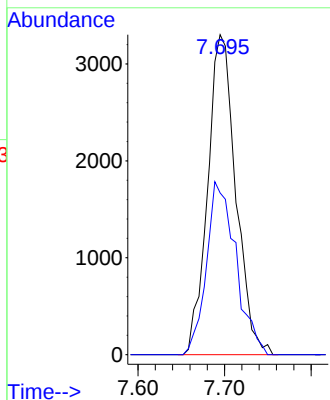


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

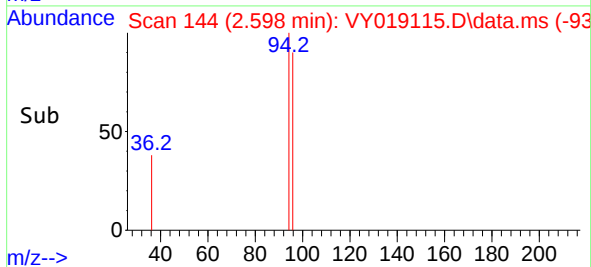
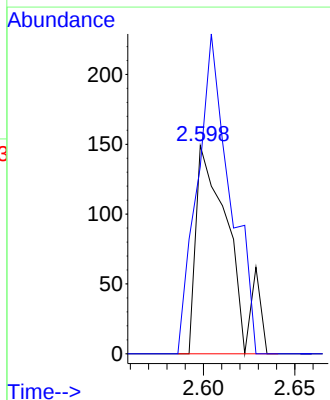
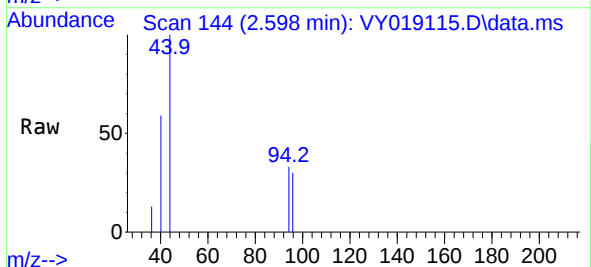


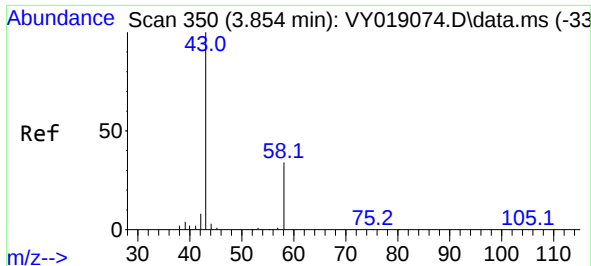
Tgt Ion:168 Resp: 7468
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 89.9 74.1 111.1

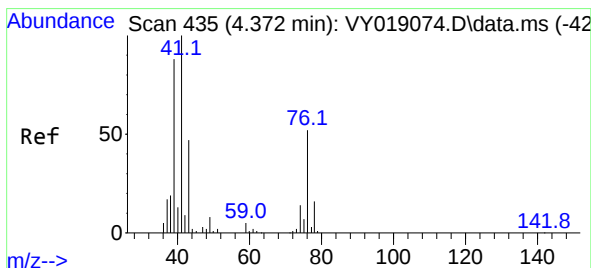
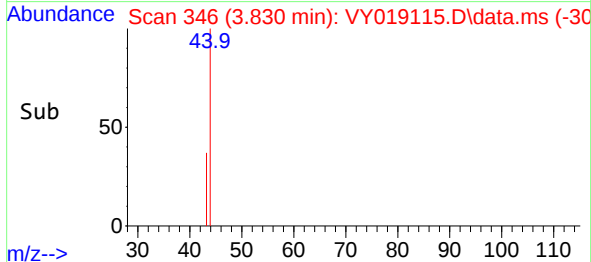
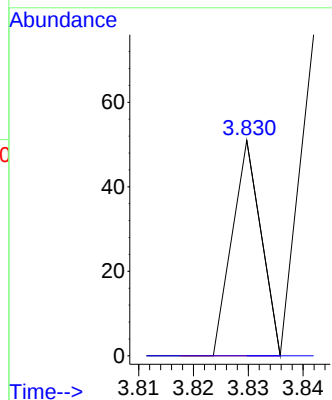
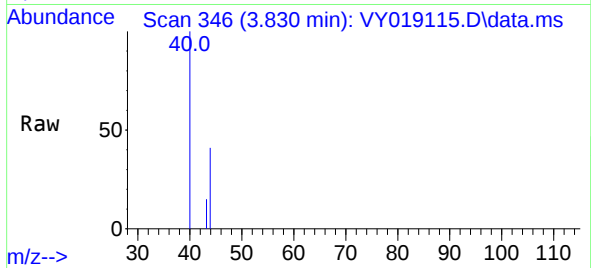




#16
Acetone
Concen: 1.369 ug/l
RT: 3.830 min Scan# 34
Delta R.T. -0.024 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

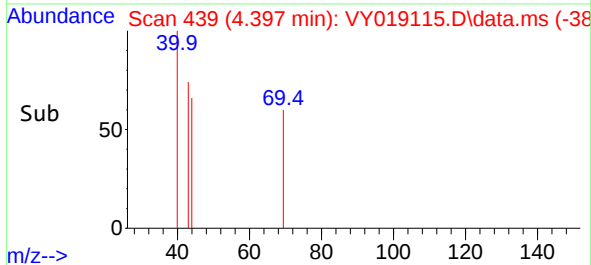
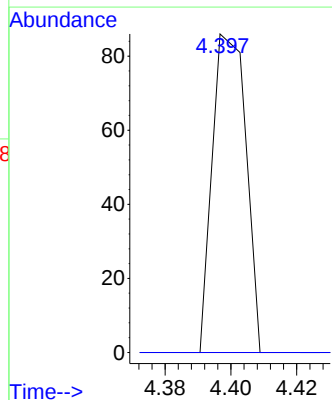
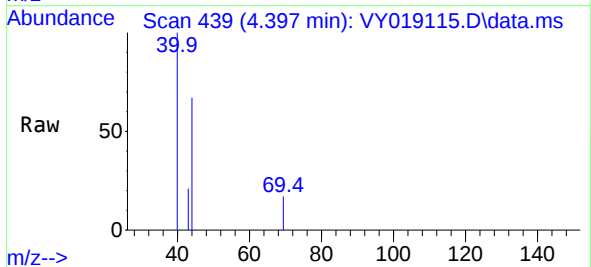
Instrument :
MSVOA_Y
ClientSampleId :

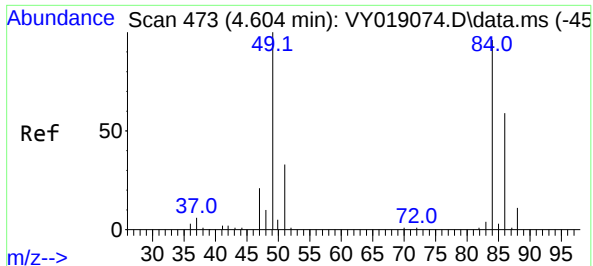
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 1.432 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.024 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

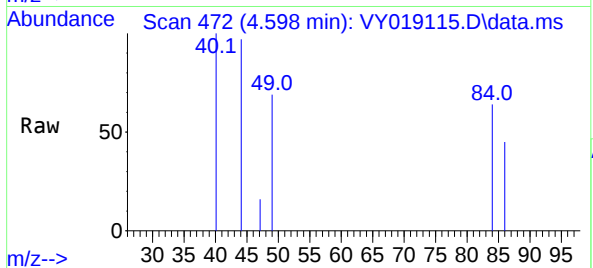
Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



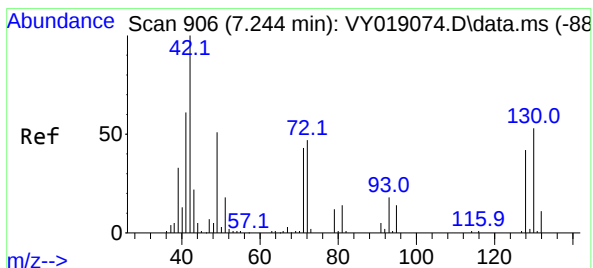
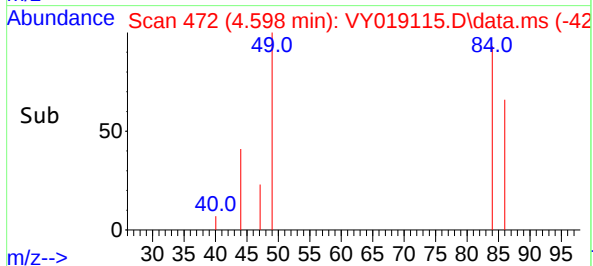
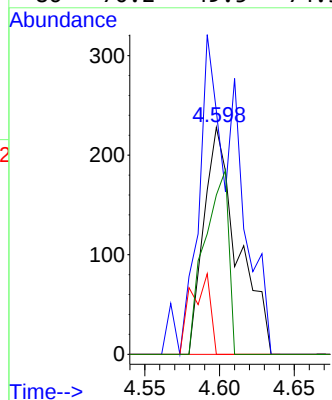


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

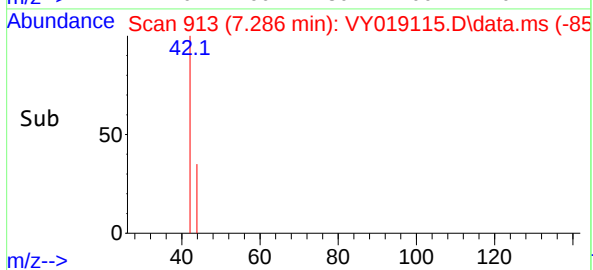
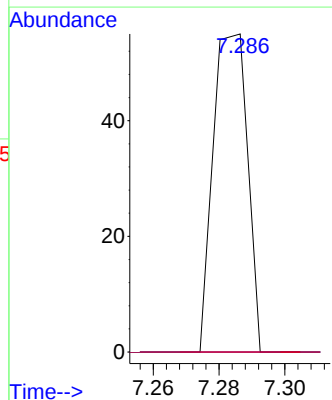
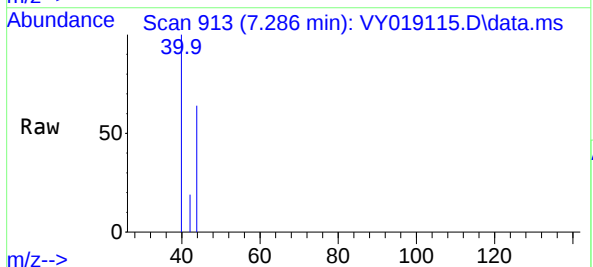


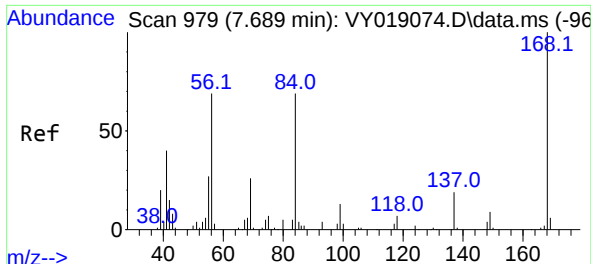
Tgt Ion: 84 Resp: 360
Ion Ratio Lower Upper
84 100
49 107.0 84.4 126.6
51 0.0 26.0 39.0#
86 70.2 49.5 74.3



#29
Tetrahydrofuran
Concen: 2.783 ug/l
RT: 7.286 min Scan# 913
Delta R.T. 0.043 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

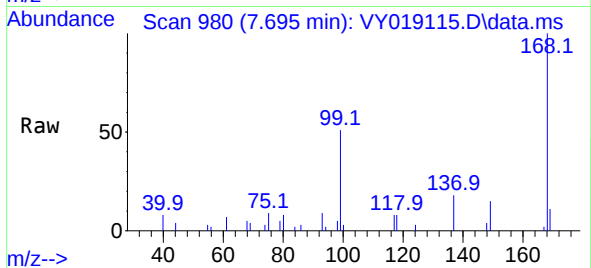
Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



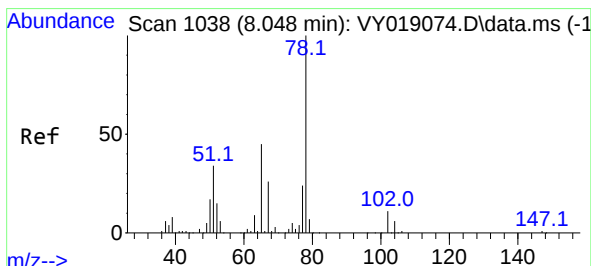
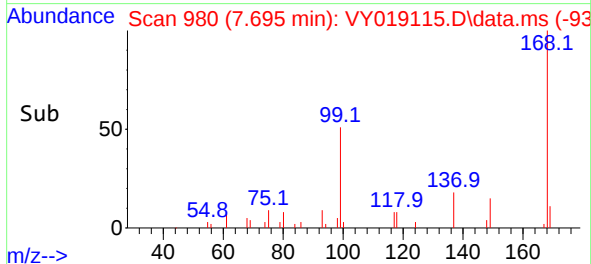
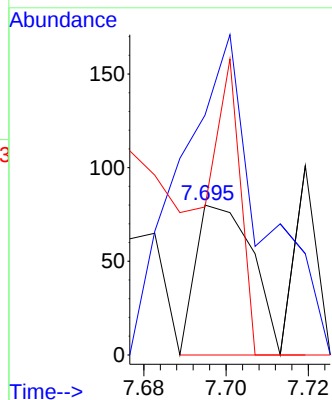


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

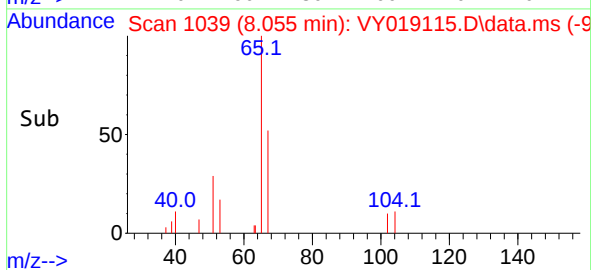
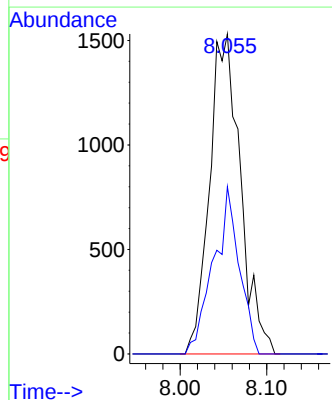
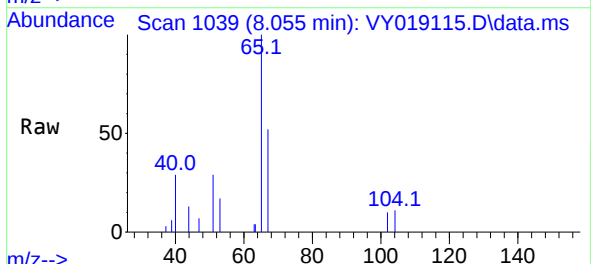


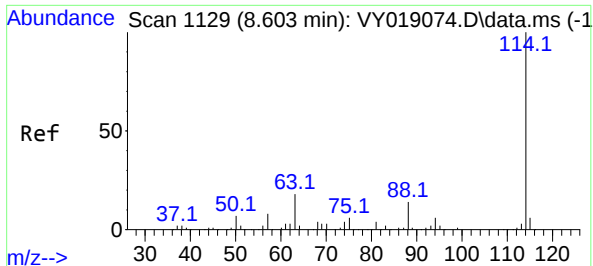
Tgt Ion: 56 Resp: 77
Ion Ratio Lower Upper
56 100
69 72.5 28.7 43.1#
84 98.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 50.627 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion: 65 Resp: 3790
Ion Ratio Lower Upper
65 100
67 43.6 0.0 109.6

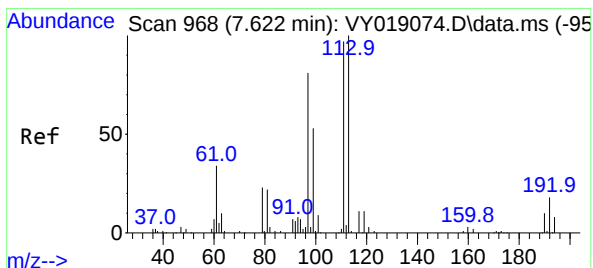
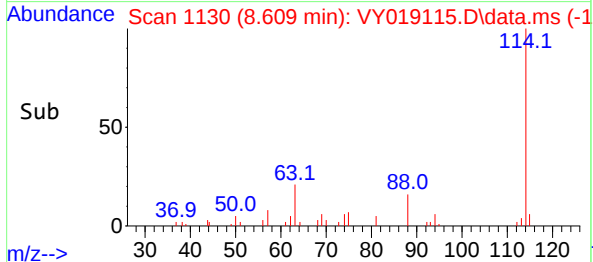
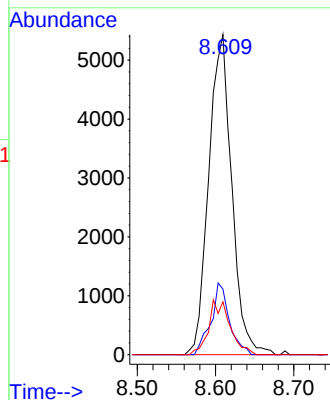
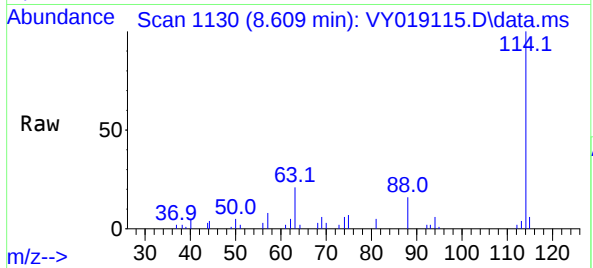




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

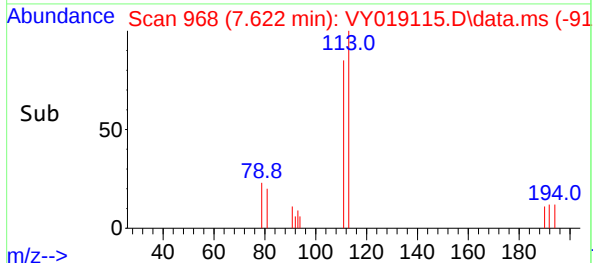
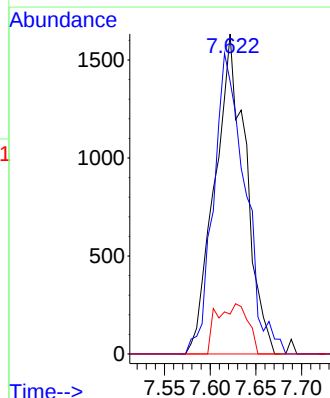
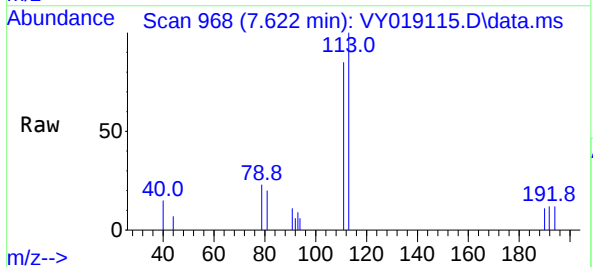
Instrument :
MSVOA_Y
ClientSampleId :

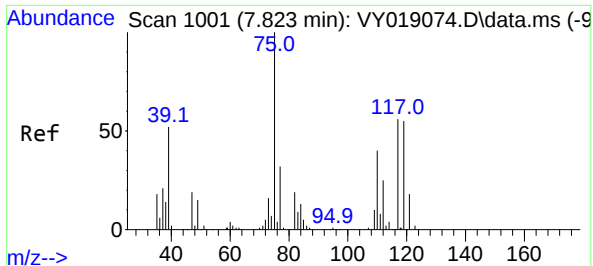
Tgt Ion:114 Resp: 11104
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 16.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 53.220 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

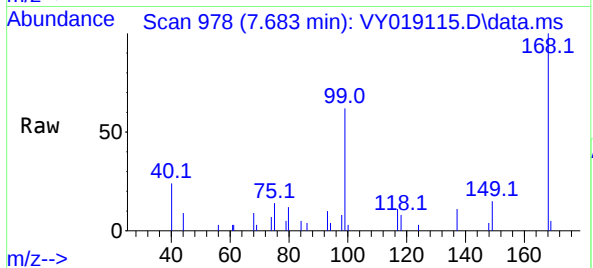
Tgt Ion:113 Resp: 3864
Ion Ratio Lower Upper
113 100
111 95.5 82.2 123.4
192 15.5 15.9 23.9#



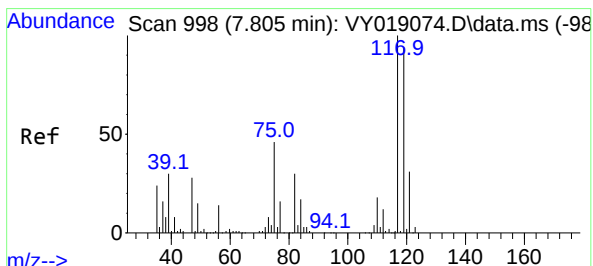
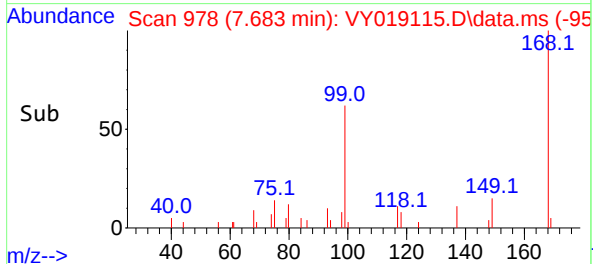
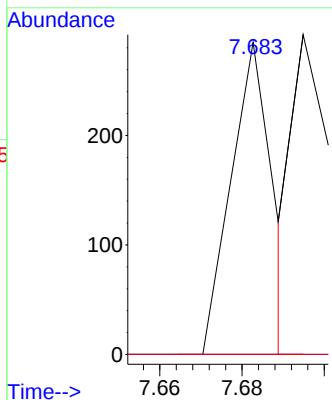


#36
1,1-Dichloropropene
Concen: 2.016 ug/l
RT: 7.683 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

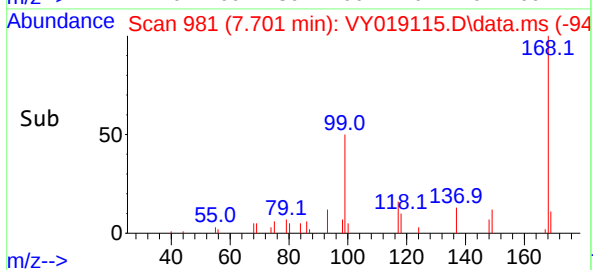
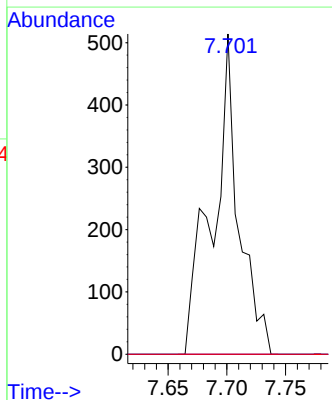
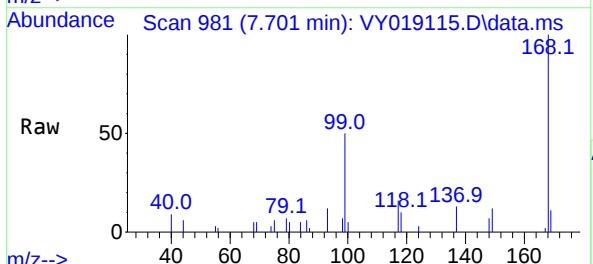


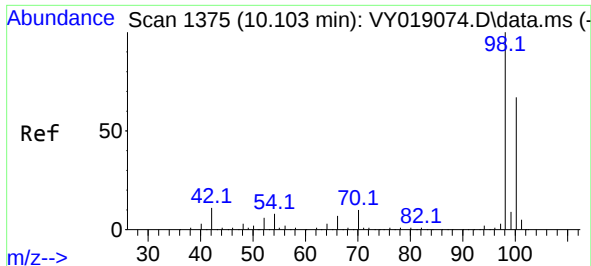
Tgt Ion: 75 Resp: 201
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.915 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion: 117 Resp: 799
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

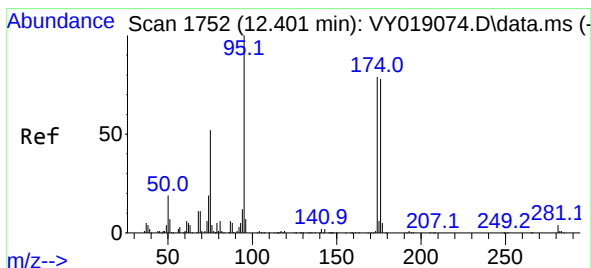
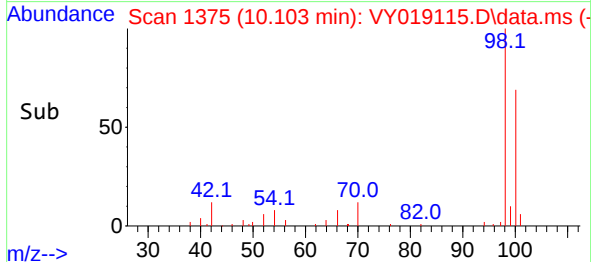
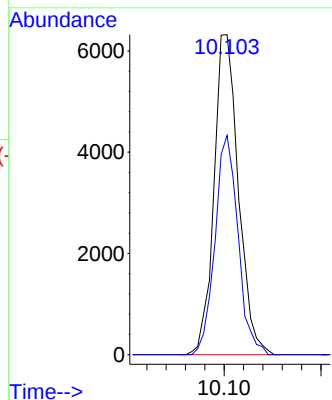
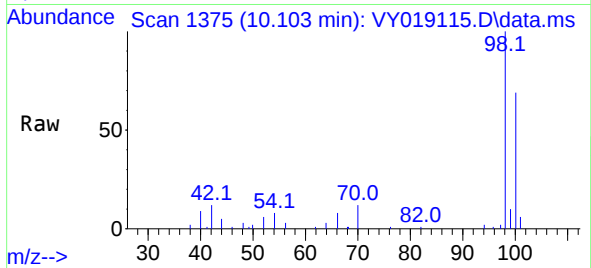




#50
Toluene-d8
Concen: 42.464 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

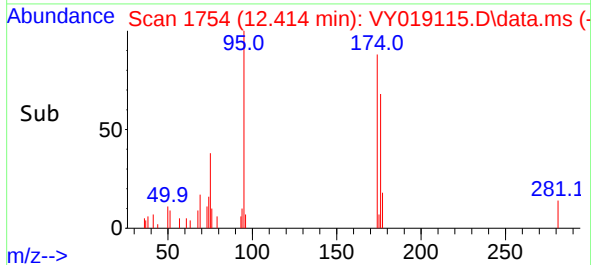
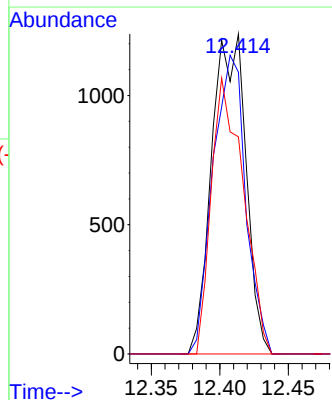
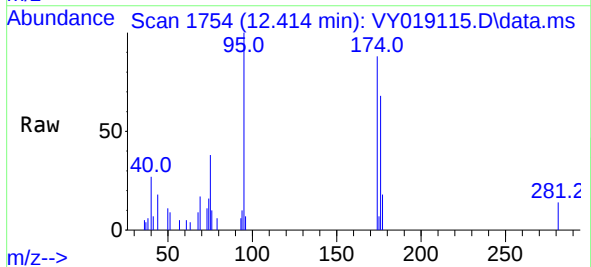
Instrument :
MSVOA_Y
ClientSampleId :

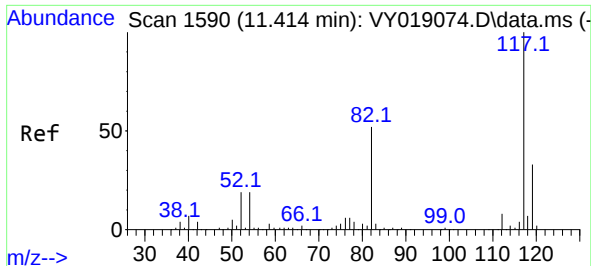
Tgt Ion: 98 Resp: 11095
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.981 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion: 95 Resp: 2136
Ion Ratio Lower Upper
95 100
174 90.3 0.0 175.6
176 81.2 0.0 171.4

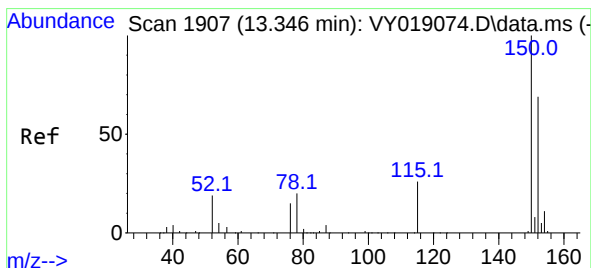
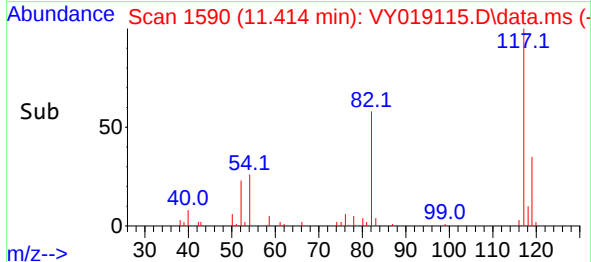
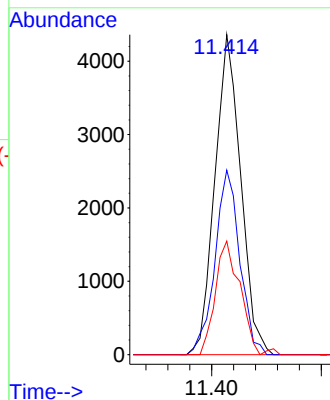
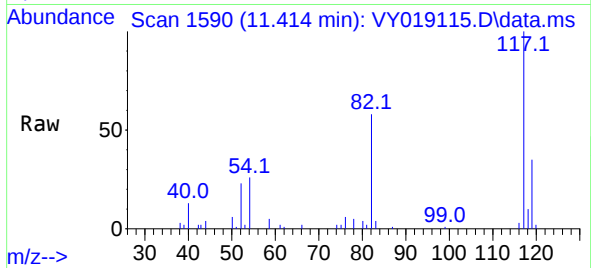




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

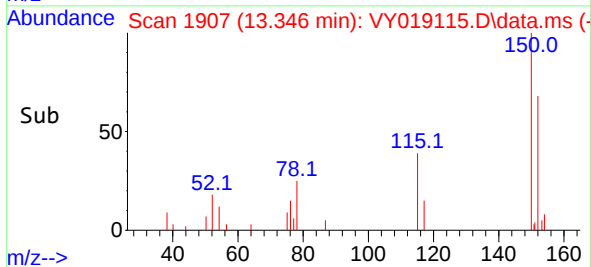
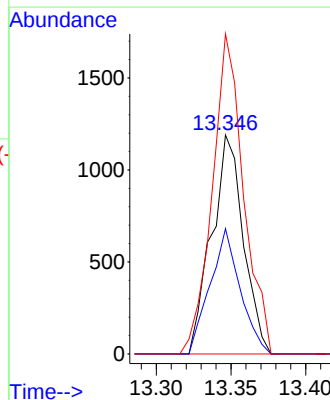
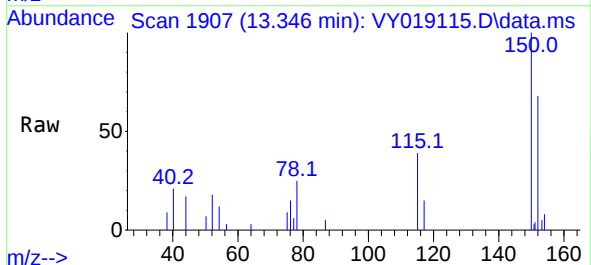
Instrument :
MSVOA_Y
ClientSampleId :

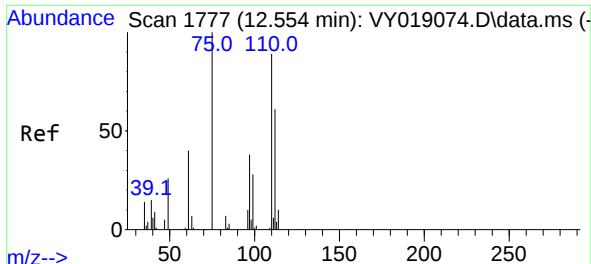
Tgt Ion:	117	Resp:	7142
Ion	Ratio	Lower	Upper
117	100		
82	57.7	42.4	63.6
119	35.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion:	152	Resp:	1755
Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	144.0	0.0	345.6

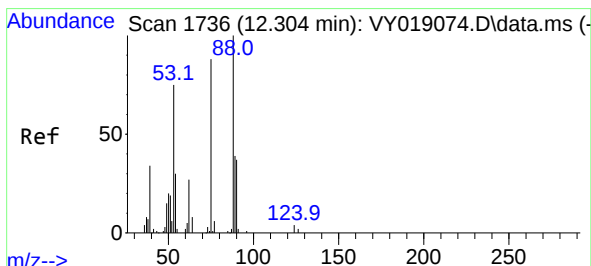
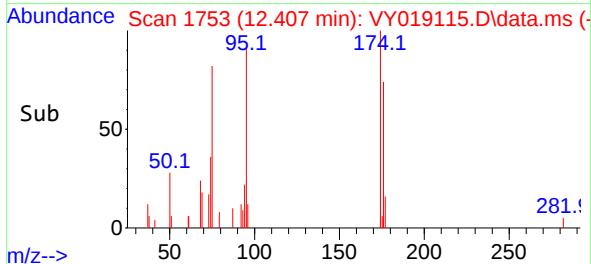
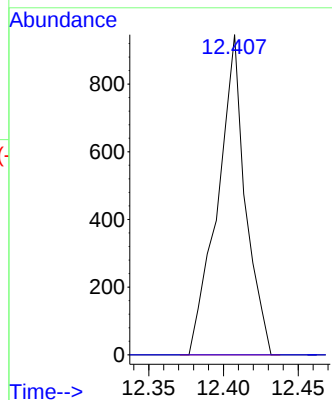
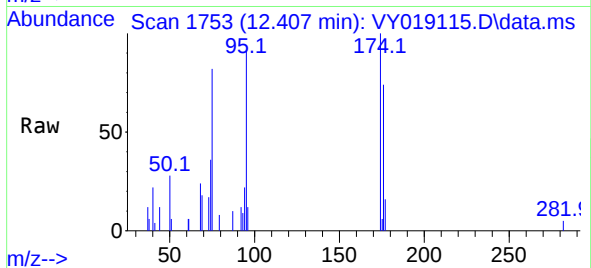




#76
1,2,3-Trichloropropane
Concen: 70.432 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 1219
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 173.943 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019115.D
Acq: 19 Aug 2024 14:26

Tgt Ion: 75 Resp: 1219
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

