

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017141.D
 Acq On : 30 Jan 2024 14:15
 Operator : SY/MD
 Sample : P1277-05
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

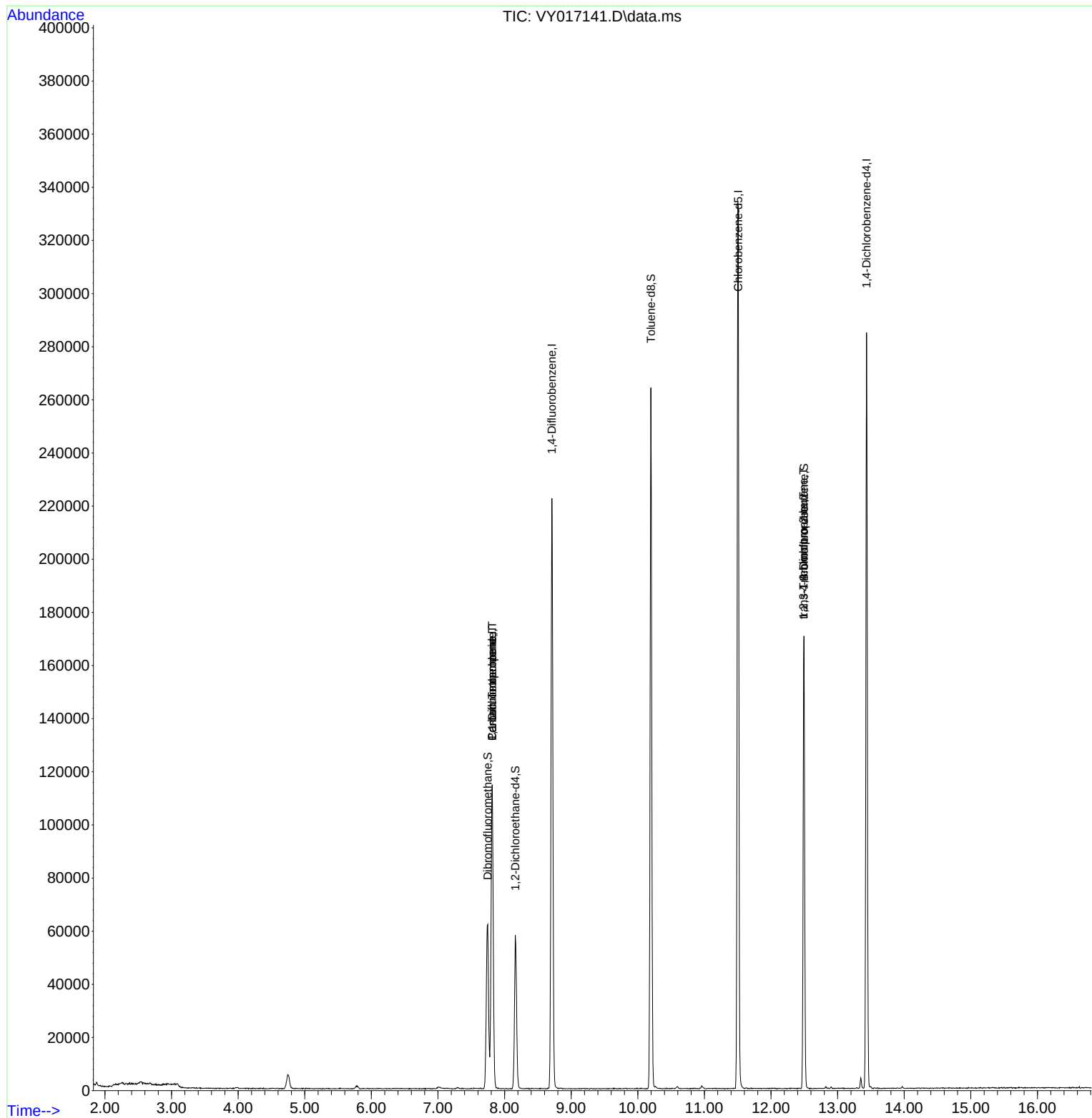
Internal Standards						
1) Pentafluorobenzene	7.813	168	86981	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	189578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	187741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	43010	50.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.500%	
35) Dibromofluoromethane	7.746	113	45949	40.159	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.320%	
50) Toluene-d8	10.197	98	165289	38.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.500%	
62) 4-Bromofluorobenzene	12.495	95	52505	39.439	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 78.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.131	50	119	Below Cal	#	41
4) Vinyl Chloride	2.320	62	46	Below Cal	#	43
5) Bromomethane	2.680	94	107	Below Cal	#	80
16) Acetone	3.973	43	854	Below Cal		89
20) Methylene Chloride	4.747	84	4063	Below Cal		91
25) 2-Butanone	7.027	43	29	Below Cal	#	48
31) Cyclohexane	7.813	56	2018	Below Cal	#	1
36) 1,1-Dichloropropene	7.813	75	7053	3.747	ug/l #	50
38) Carbon Tetrachloride	7.813	117	8875	4.811	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	28080	32.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	28080	83.771	ug/l #	12

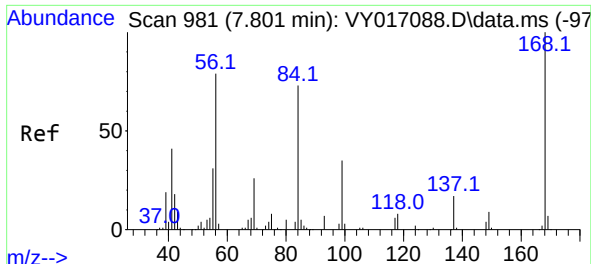
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
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Response via : Initial Calibration

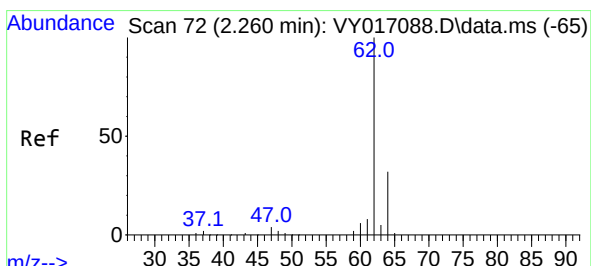
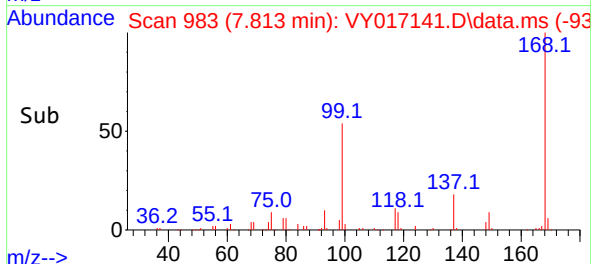
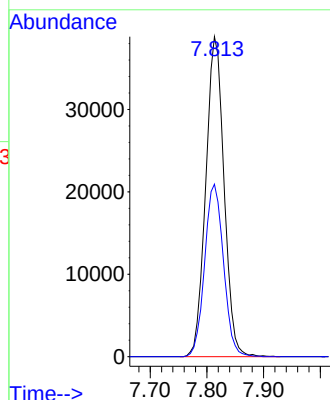
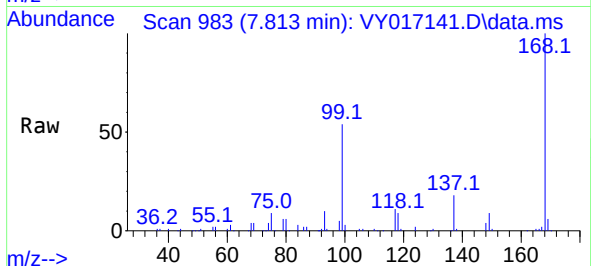




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

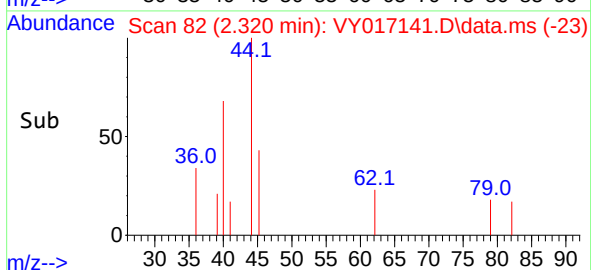
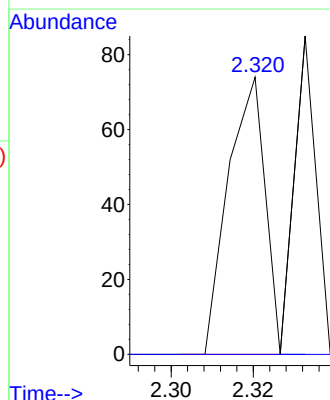
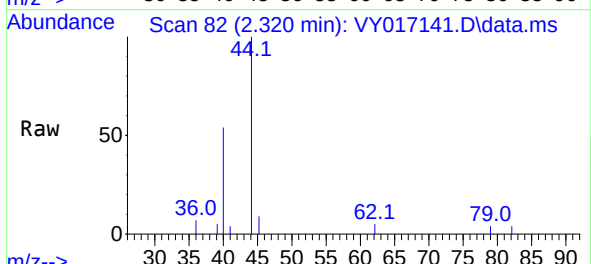
Instrument :
MSVOA_Y
ClientSampleId :

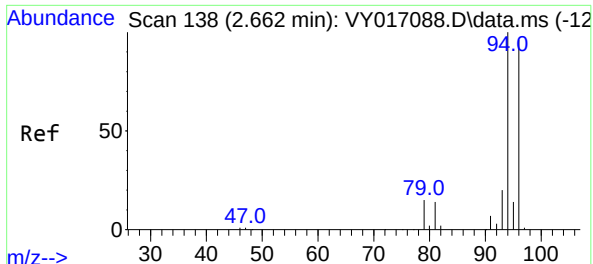
Tgt Ion:168 Resp: 86981
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.320 min Scan# 82
Delta R.T. 0.061 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion: 62 Resp: 46
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

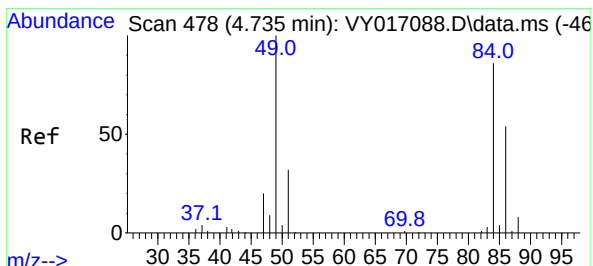
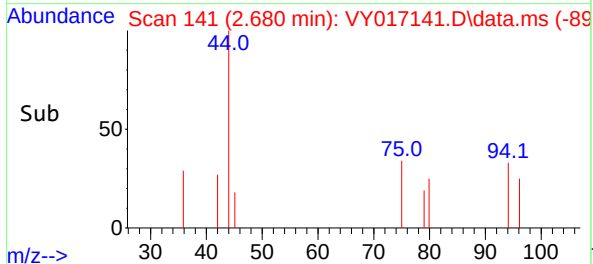
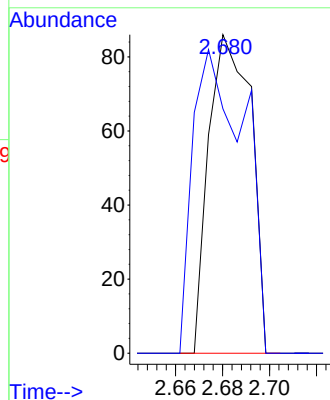
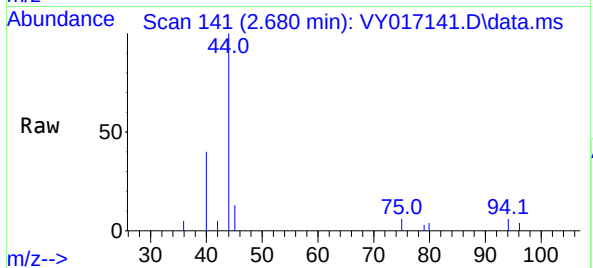




#5
Bromomethane
Concen: Below Cal
RT: 2.680 min Scan# 14
Delta R.T. 0.018 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

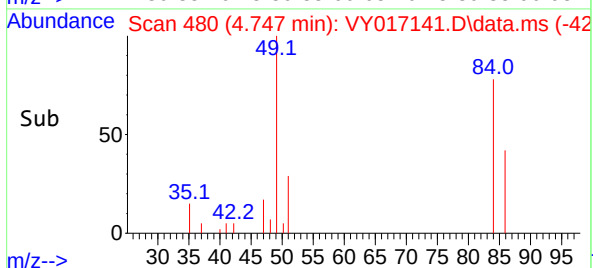
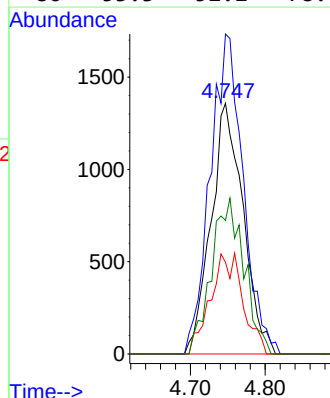
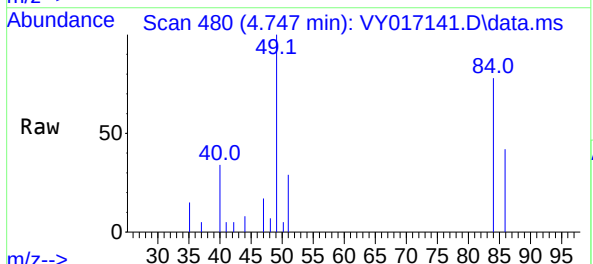
Instrument :
MSVOA_Y
ClientSampleId :

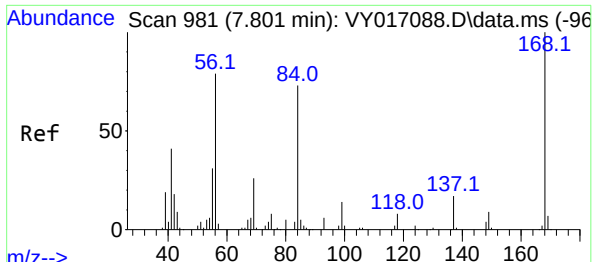
Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 76.7 77.3 115.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

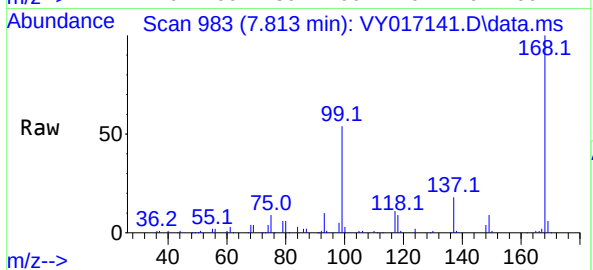
Tgt Ion: 84 Resp: 4063
Ion Ratio Lower Upper
84 100
49 127.6 95.2 142.8
51 36.6 29.9 44.9
86 53.3 52.2 78.4



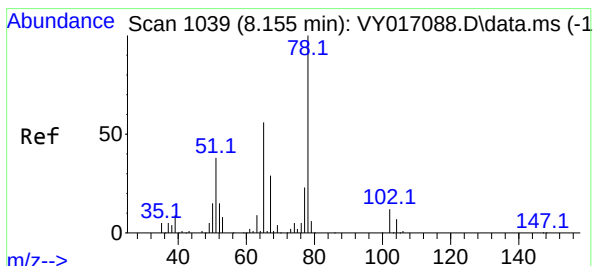
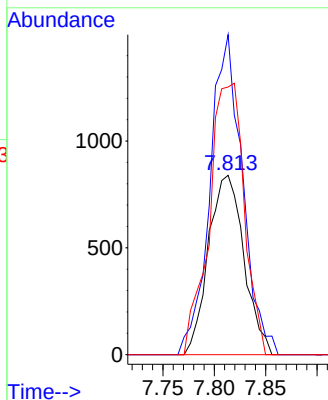
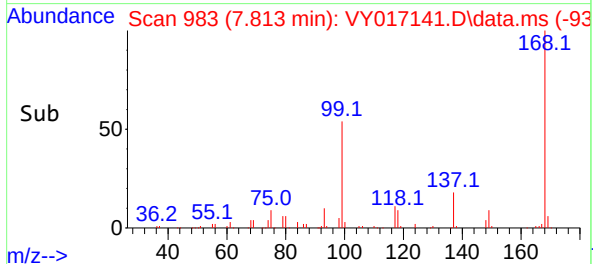


#31
Cyclohexane
Concen: Below Cal
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

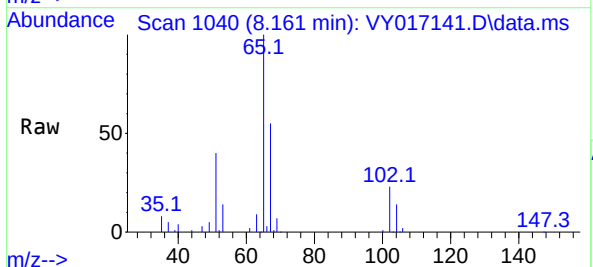
Instrument :
MSVOA_Y
ClientSampleId :



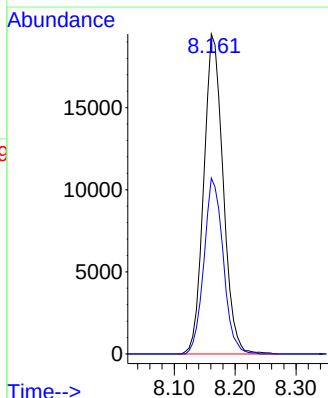
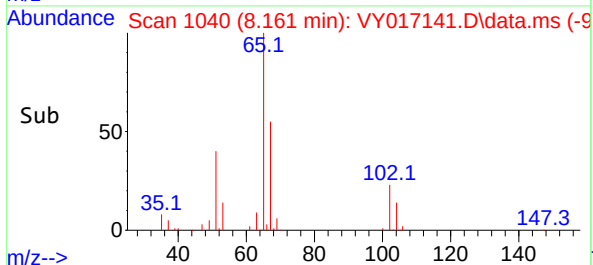
Tgt Ion: 56 Resp: 2018
Ion Ratio Lower Upper
56 100
69 178.3 27.0 40.6#
84 149.2 71.8 107.6#

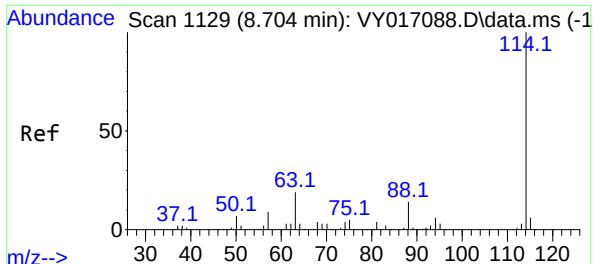


#33
1,2-Dichloroethane-d4
Concen: 50.751 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15



Tgt Ion: 65 Resp: 43010
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0

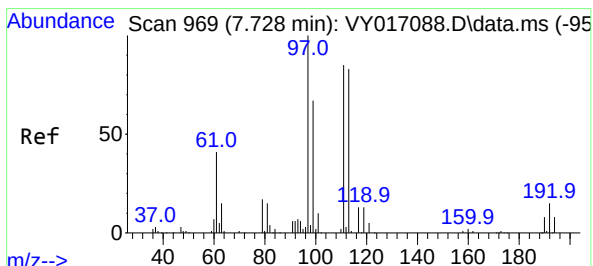
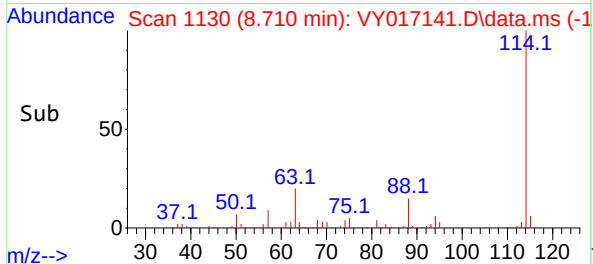
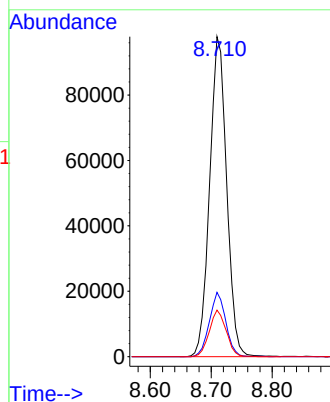
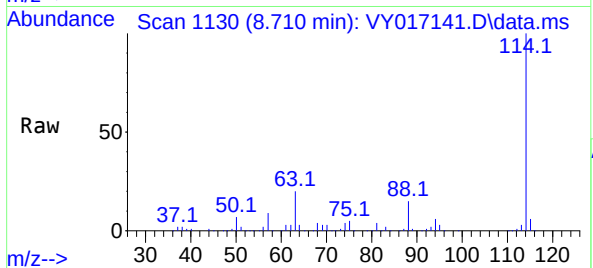




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

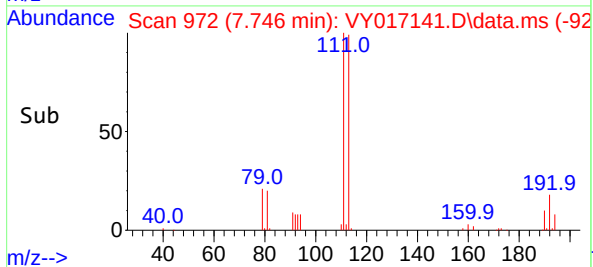
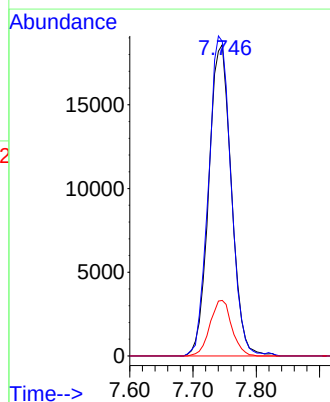
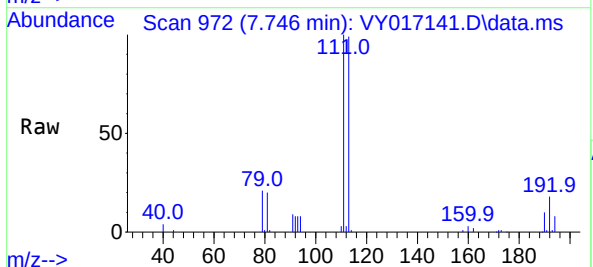
Instrument :
MSVOA_Y
ClientSampleId :

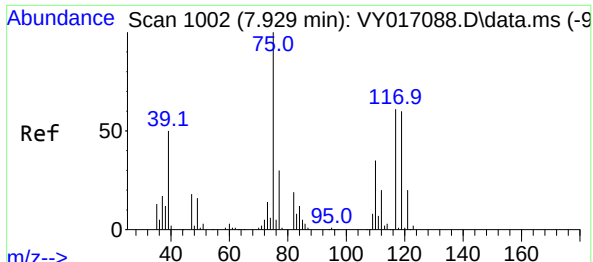
Tgt Ion:114 Resp: 189578
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 40.159 ug/l
RT: 7.746 min Scan# 972
Delta R.T. 0.018 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion:113 Resp: 45949
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.3 14.5 21.7

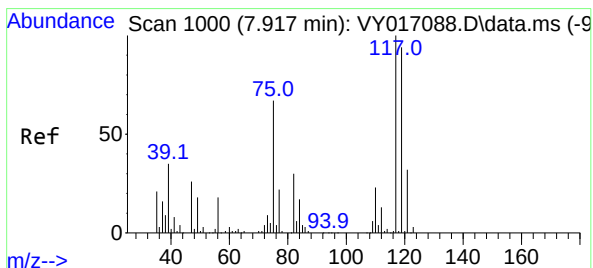
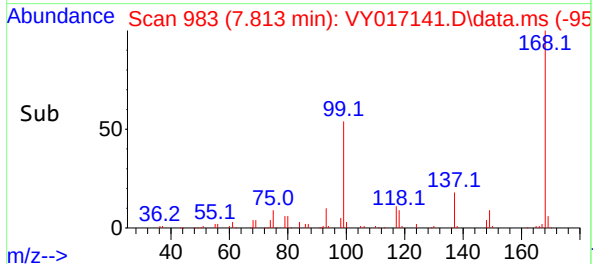
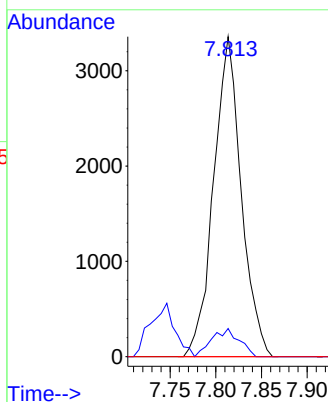
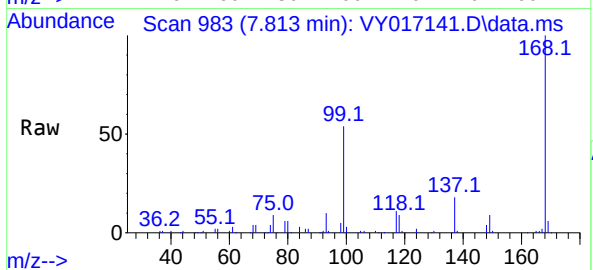




#36
1,1-Dichloropropene
Concen: 3.747 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

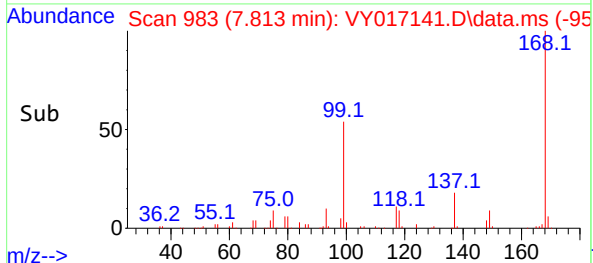
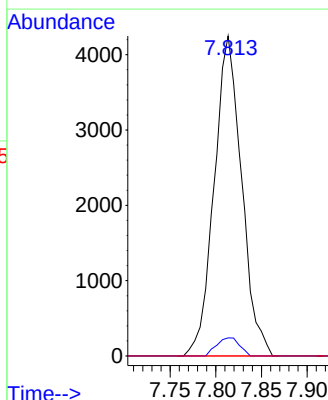
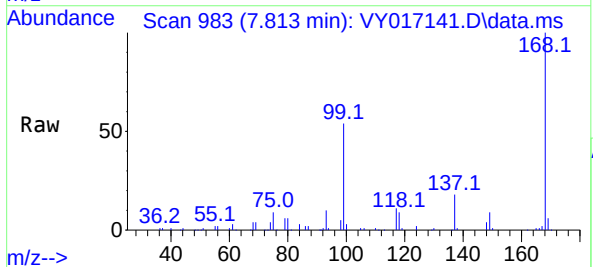
Instrument :
MSVOA_Y
ClientSampleId :

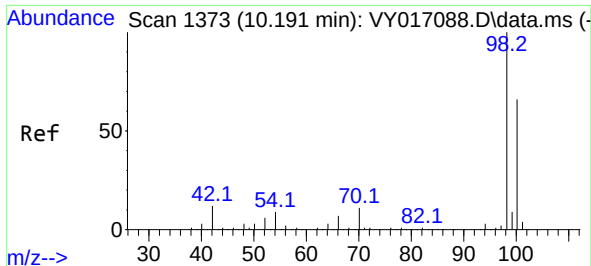
Tgt Ion: 75 Resp: 7053
Ion Ratio Lower Upper
75 100
110 8.7 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.811 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion: 117 Resp: 8875
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.2 36.2#

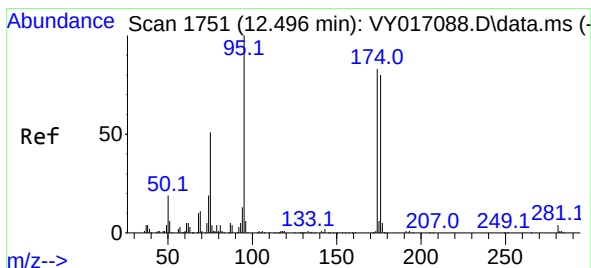
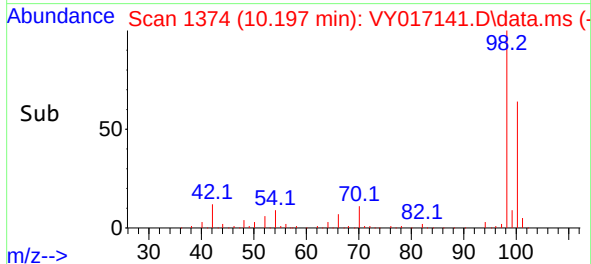
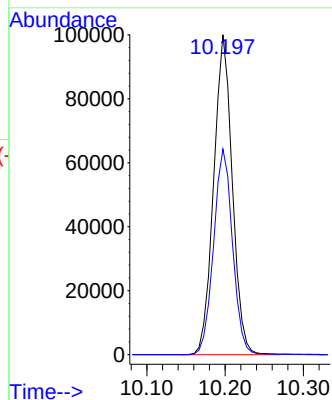
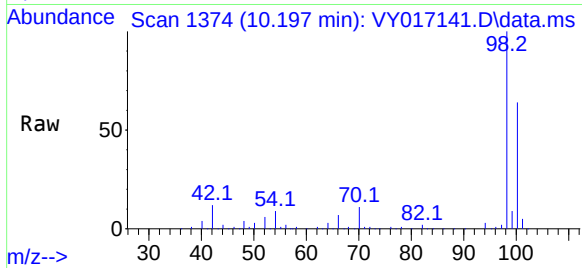




#50
Toluene-d8
Concen: 38.247 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

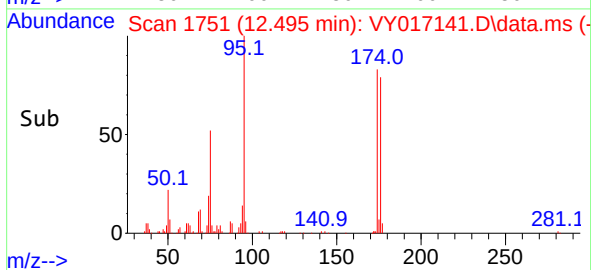
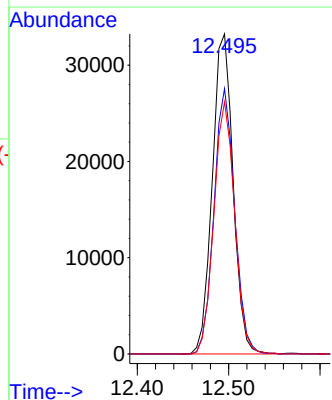
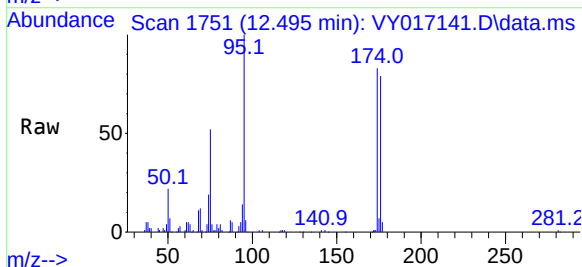
Instrument :
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ClientSampleId :

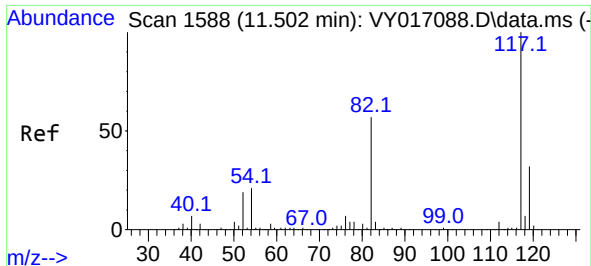
Tgt Ion: 98 Resp: 165289
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.439 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion: 95 Resp: 52505
Ion Ratio Lower Upper
95 100
174 82.4 0.0 160.0
176 78.8 0.0 151.8

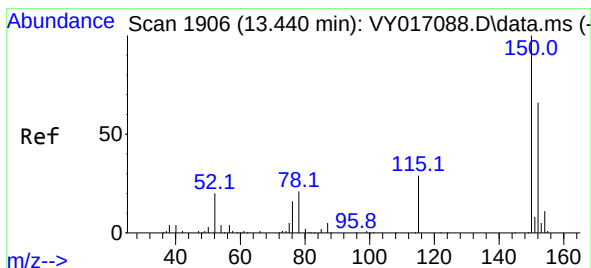
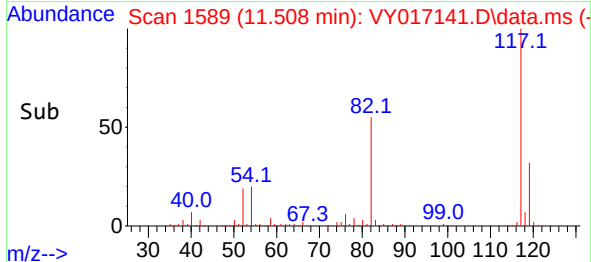
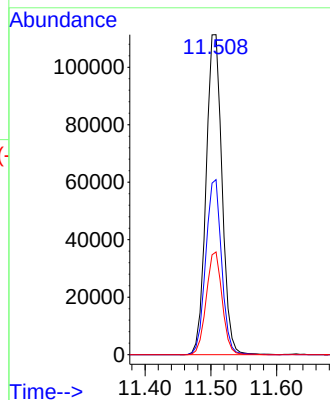
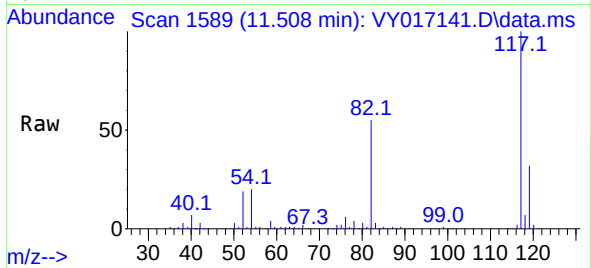




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

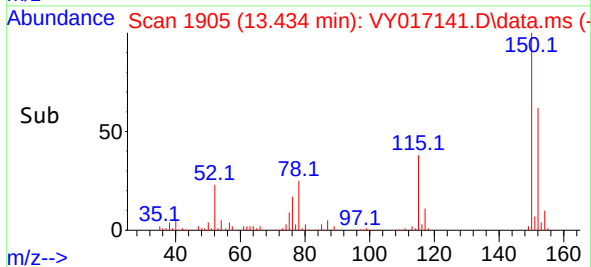
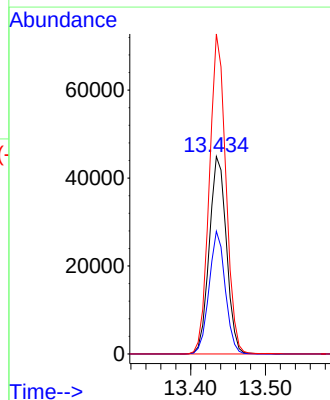
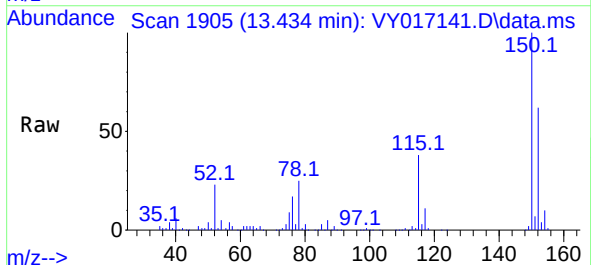
Instrument :
MSVOA_Y
ClientSampleId :

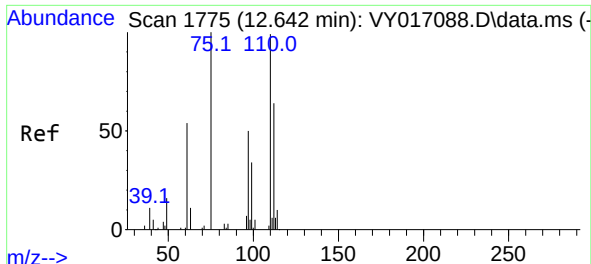
Tgt Ion:117 Resp: 187741
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion:152 Resp: 71494
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 156.2 0.0 344.6

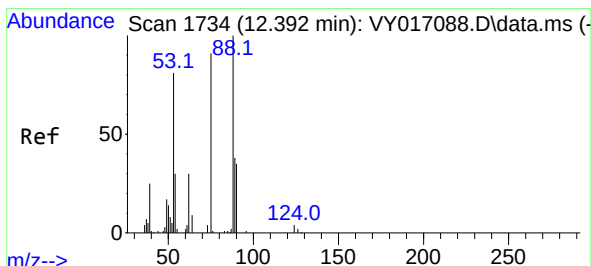
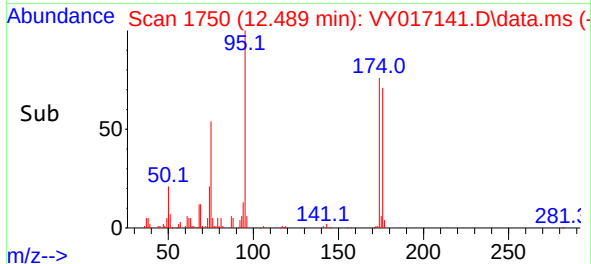
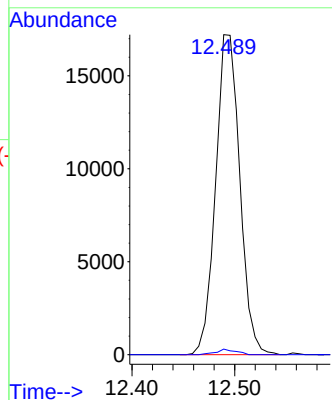
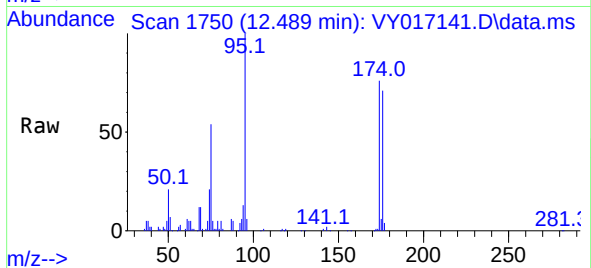




#76
1,2,3-Trichloropropane
Concen: 32.358 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 28080
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.771 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017141.D
Acq: 30 Jan 2024 14:15

Tgt Ion: 75 Resp: 28080
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

