

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017134.D
 Acq On : 30 Jan 2024 10:29
 Operator : SY/MD
 Sample : VY0130SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:26:31 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)

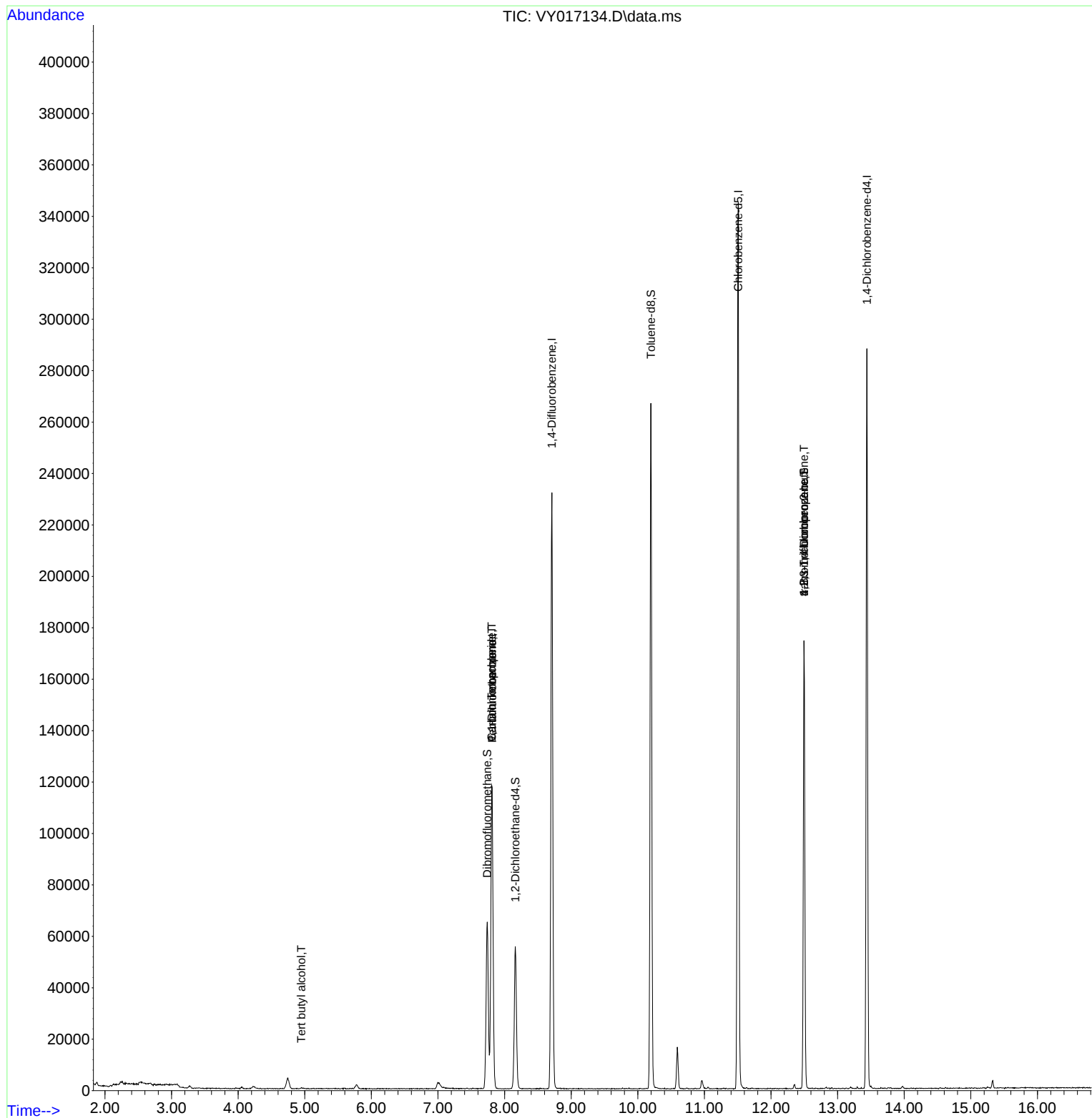
Internal Standards						
1) Pentafluorobenzene	7.813	168	93115	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	197690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	190308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	42256	46.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.160%
35) Dibromofluoromethane	7.740	113	47581	39.879	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.760%
50) Toluene-d8	10.197	98	173568	38.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.020%
62) 4-Bromofluorobenzene	12.495	95	53336	38.419	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.131	50	168	Below Cal	#	41
4) Vinyl Chloride	2.272	62	42	Below Cal	#	43
5) Bromomethane	2.686	94	218	Below Cal	#	76
7) Trichlorofluoromethane	3.149	101	40	Below Cal	#	60
11) Tert butyl alcohol	4.948	59	152	2.209 ug/l	#	75
16) Acetone	3.966	43	155	Below Cal	#	52
20) Methylene Chloride	4.741	84	3155	Below Cal		92
25) 2-Butanone	7.008	43	143	Below Cal	#	48
31) Cyclohexane	7.807	56	2094	Below Cal	#	1
36) 1,1-Dichloropropene	7.807	75	7920	4.034 ug/l	#	49
38) Carbon Tetrachloride	7.807	117	9506	4.941 ug/l	#	17
76) 1,2,3-Trichloropropane	12.495	75	28557	32.812 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.495	75	28557	84.947 ug/l	#	12

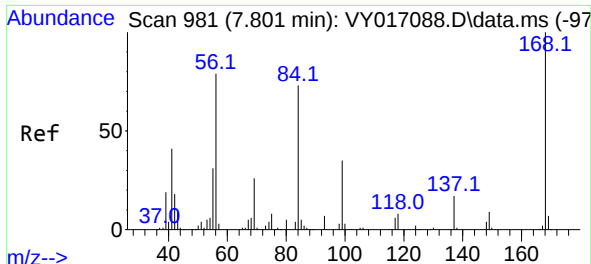
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
Data File : VY017134.D
Acq On : 30 Jan 2024 10:29
Operator : SY/MD
Sample : VY0130SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 31 00:26:31 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

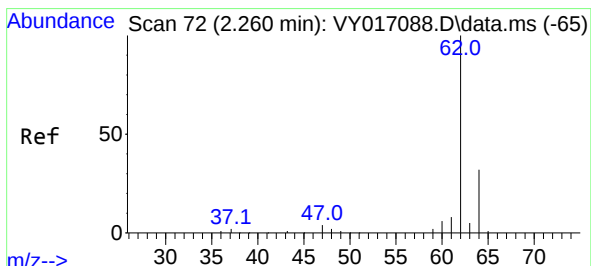
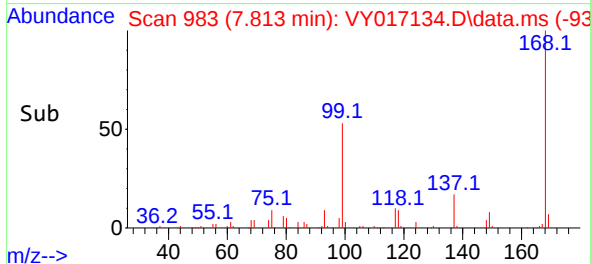
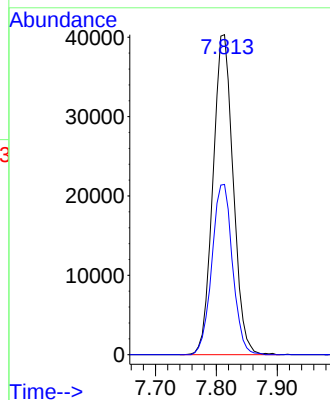
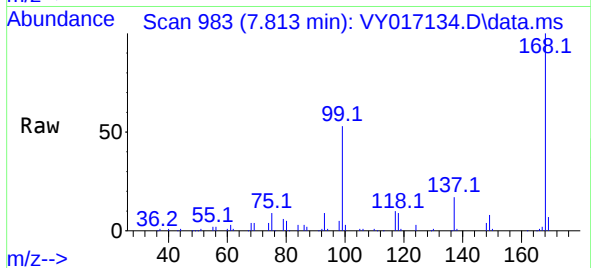




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

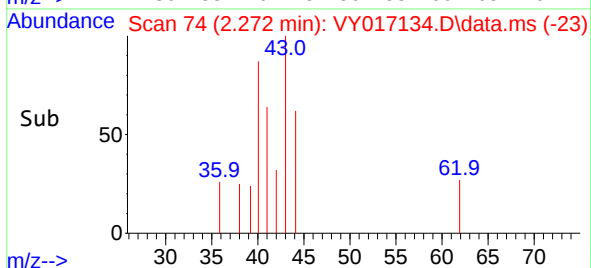
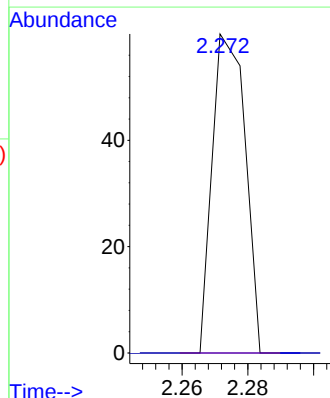
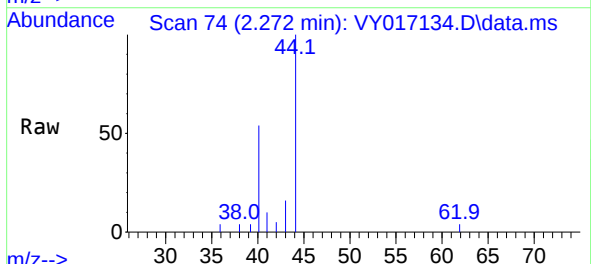
Instrument :
MSVOA_Y
ClientSampleId :

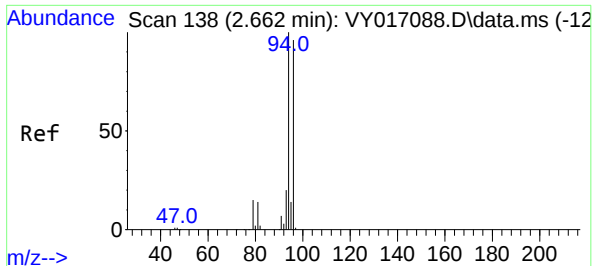
Tgt Ion:168 Resp: 93115
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.272 min Scan# 74
Delta R.T. 0.013 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion: 62 Resp: 42
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

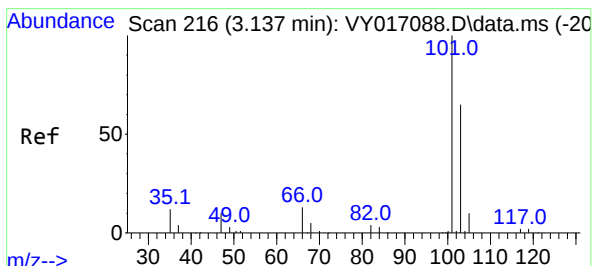
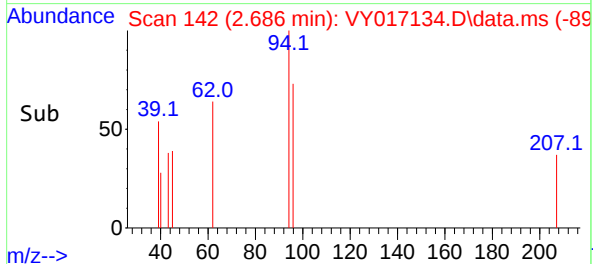
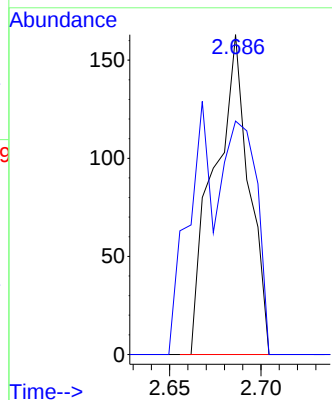
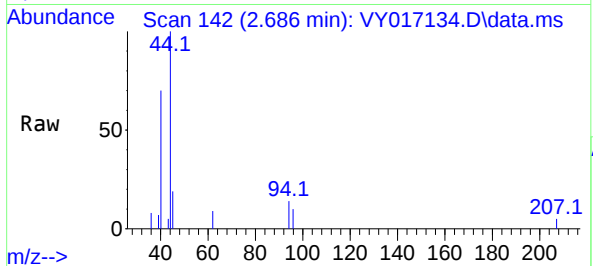




#5
Bromomethane
Concen: Below Cal
RT: 2.686 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

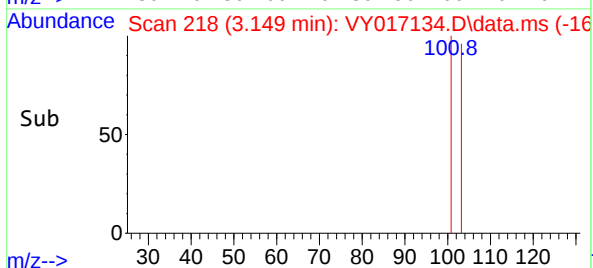
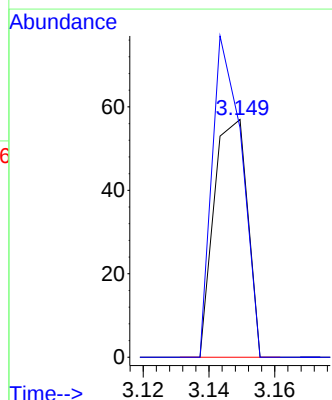
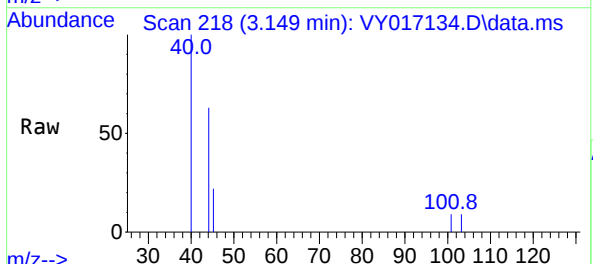
Instrument :
MSVOA_Y
ClientSampleId :

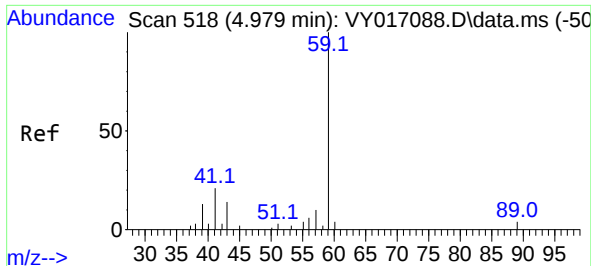
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 73.0 77.3 115.9#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.149 min Scan# 218
Delta R.T. 0.012 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion:101 Resp: 40
Ion Ratio Lower Upper
101 100
103 96.5 51.9 77.9#

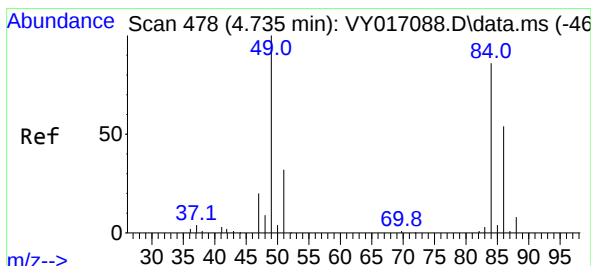
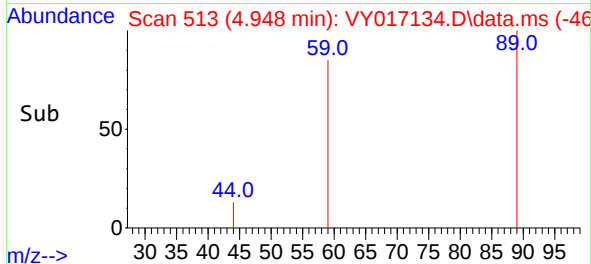
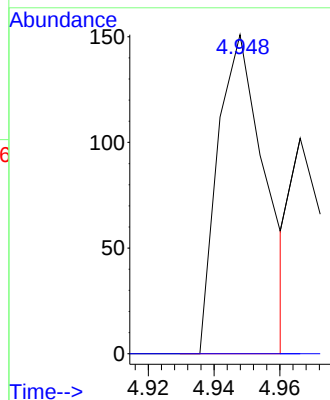
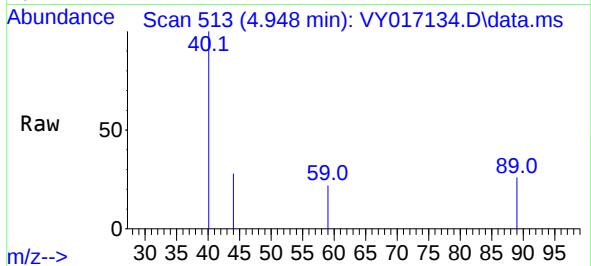




#11
Tert butyl alcohol
Concen: 2.209 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

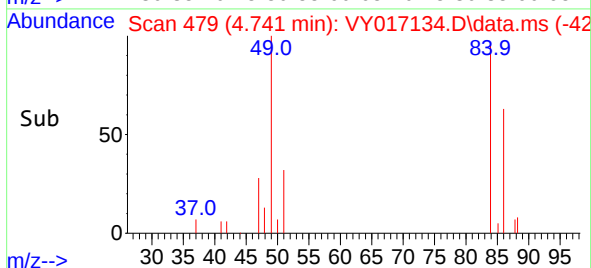
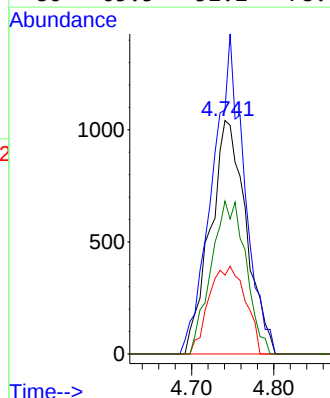
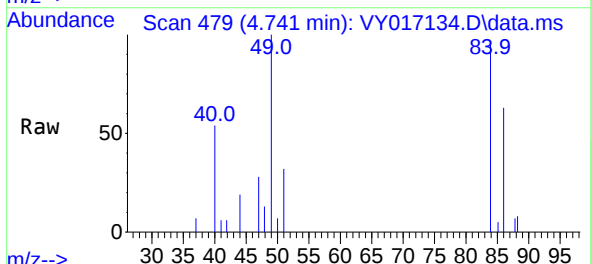
Instrument :
MSVOA_Y
ClientSampleId :

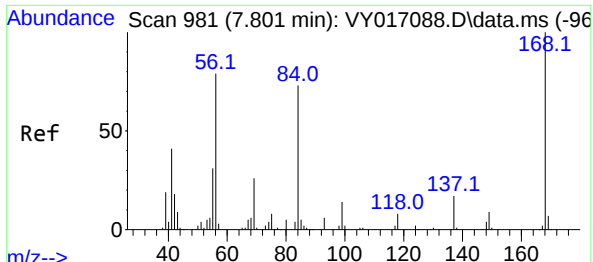
Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

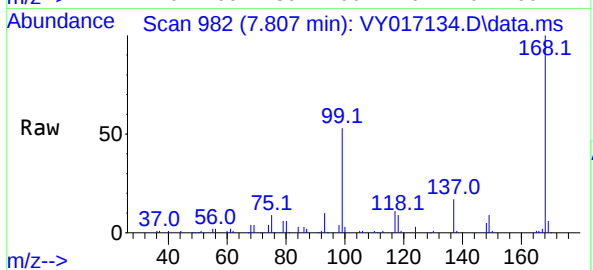
Tgt Ion: 84 Resp: 3155
Ion Ratio Lower Upper
84 100
49 104.4 95.2 142.8
51 33.8 29.9 44.9
86 65.5 52.2 78.4



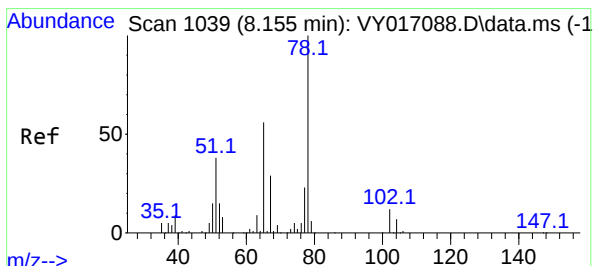
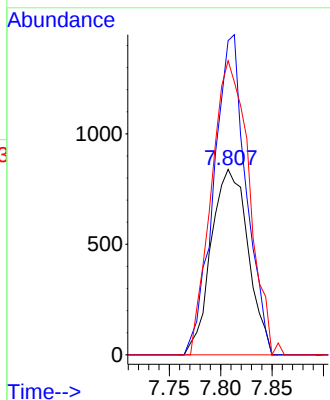
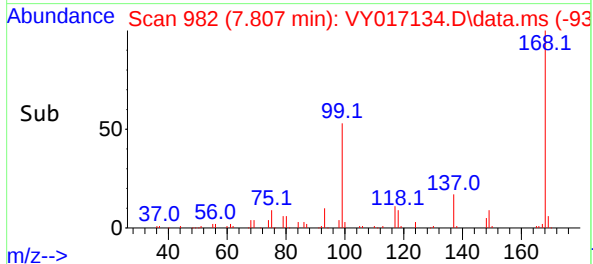


#31
Cyclohexane
Concen: Below Cal
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Instrument :
MSVOA_Y
ClientSampleId :

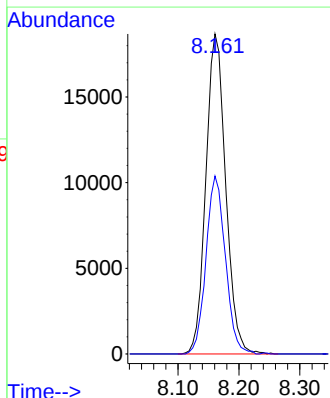
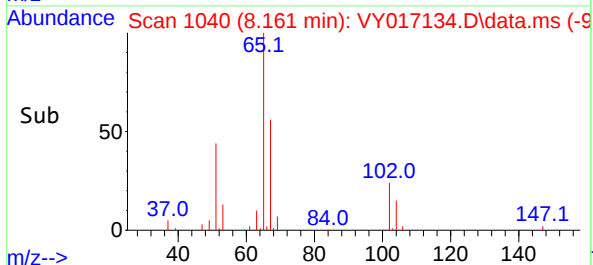
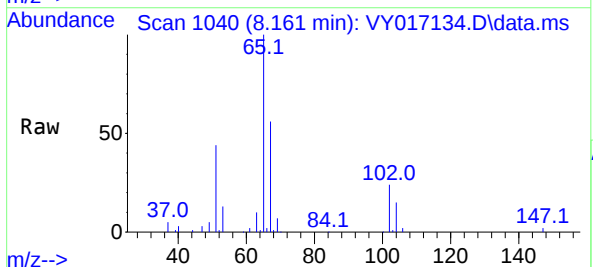


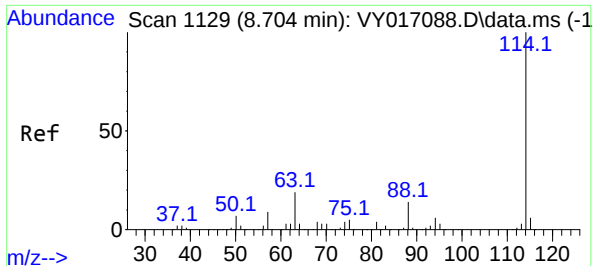
Tgt Ion: 56 Resp: 2094
Ion Ratio Lower Upper
56 100
69 169.5 27.0 40.6#
84 158.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 46.577 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion: 65 Resp: 42256
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0

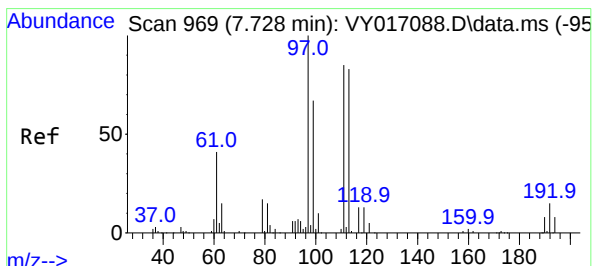
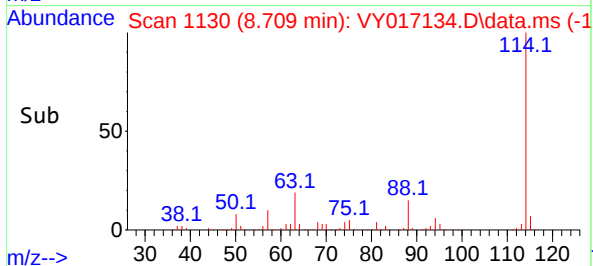
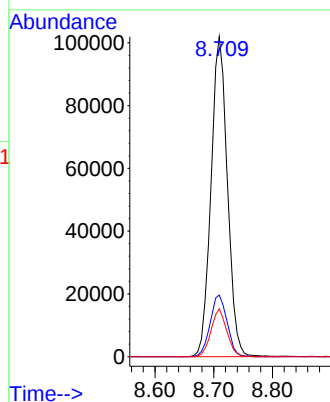
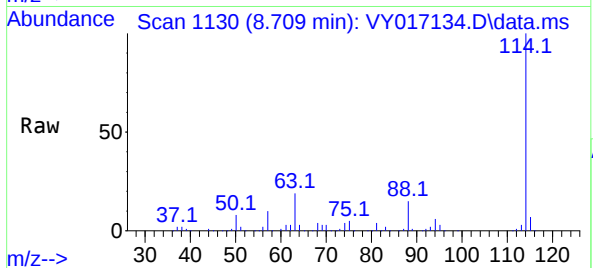




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

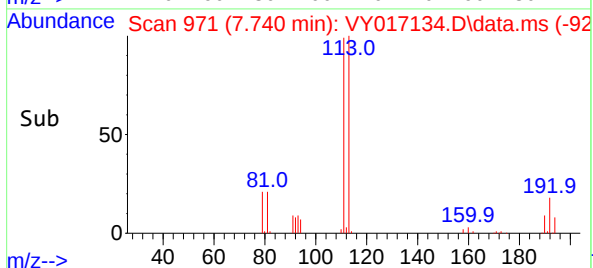
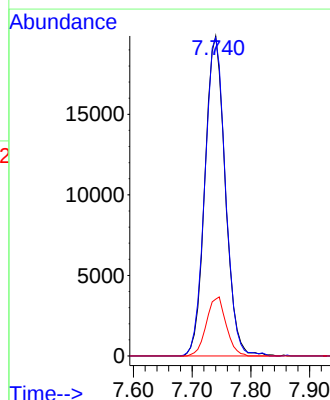
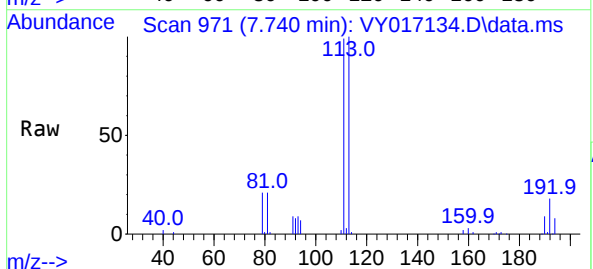
Instrument :
MSVOA_Y
ClientSampleId :

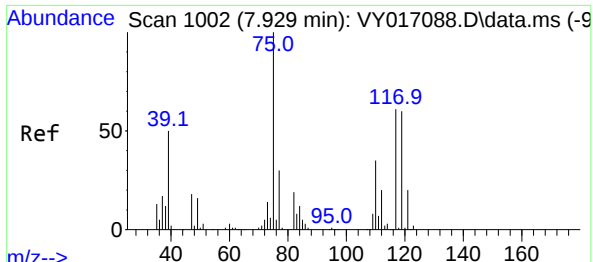
Tgt Ion:114 Resp: 197690
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.4
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 39.879 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

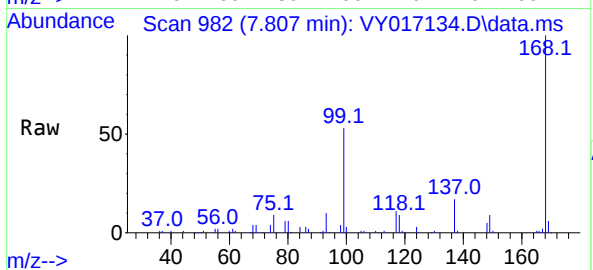
Tgt Ion:113 Resp: 47581
Ion Ratio Lower Upper
113 100
111 100.7 83.8 125.6
192 17.9 14.5 21.7



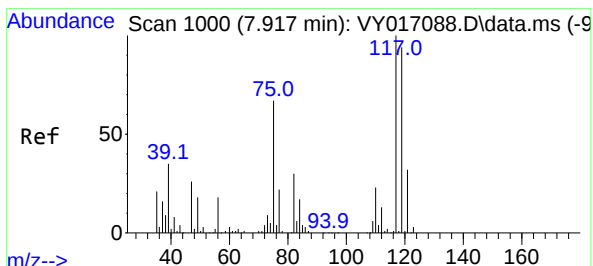
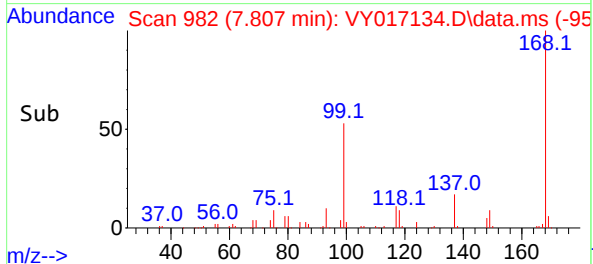
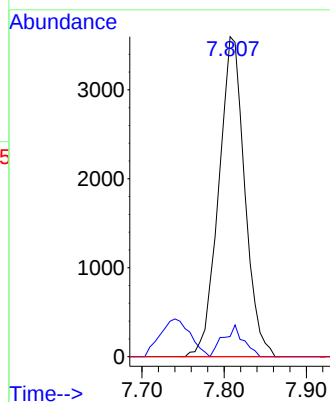


#36
1,1-Dichloropropene
Concen: 4.034 ug/l
RT: 7.807 min Scan# 912
Delta R.T. -0.122 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Instrument :
MSVOA_Y
ClientSampleId :

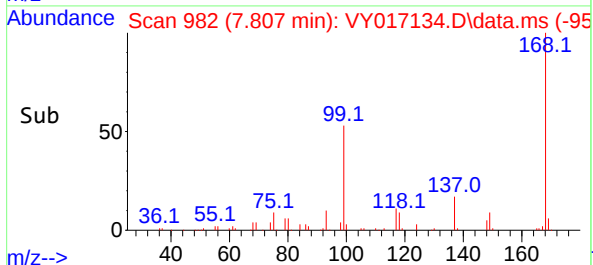
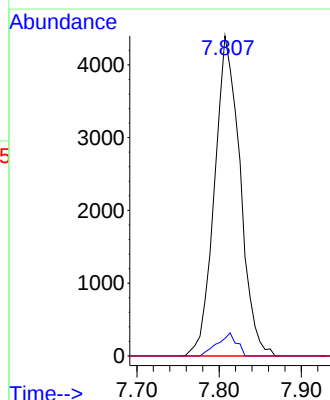
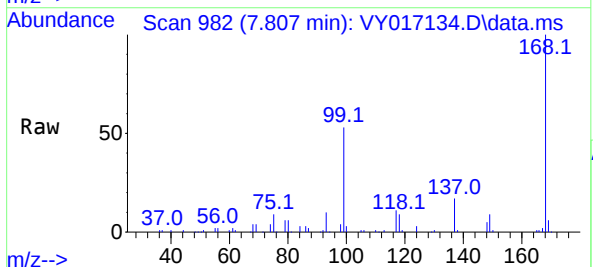


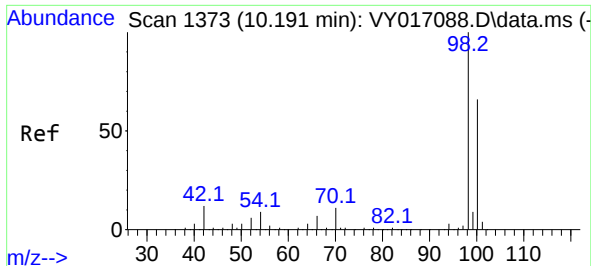
Tgt Ion: 75 Resp: 7920
Ion Ratio Lower Upper
75 100
110 7.6 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.941 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion: 117 Resp: 9506
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.2 36.2#

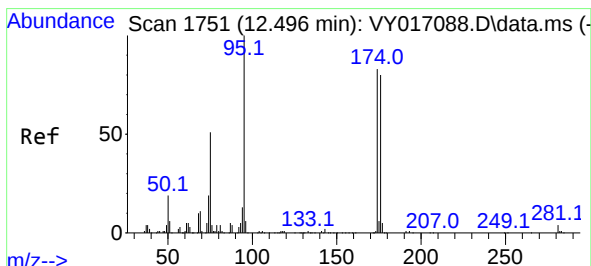
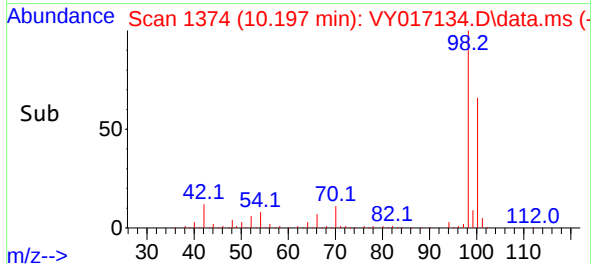
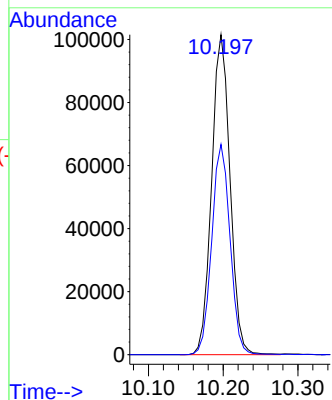
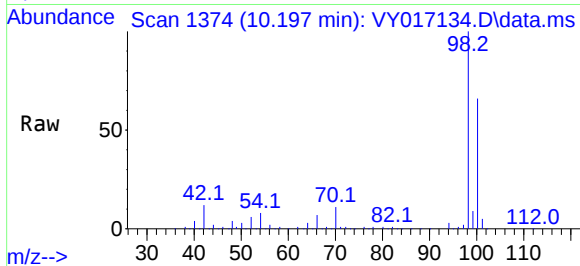




#50
Toluene-d8
Concen: 38.515 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

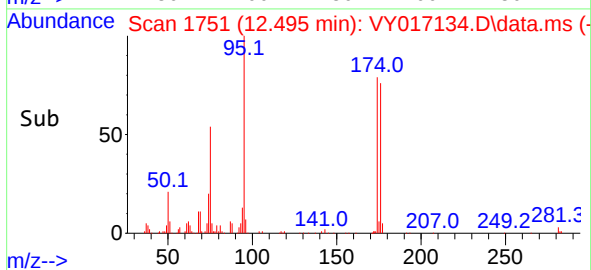
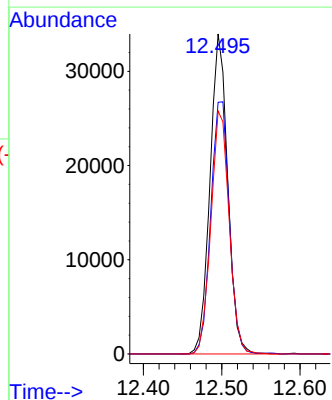
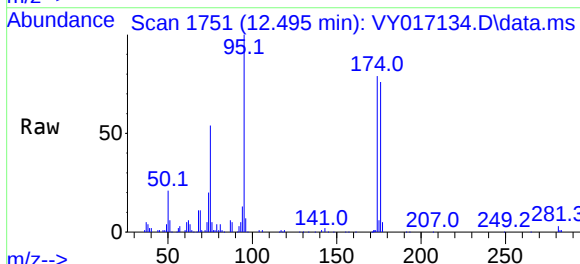
Instrument :
MSVOA_Y
ClientSampleId :

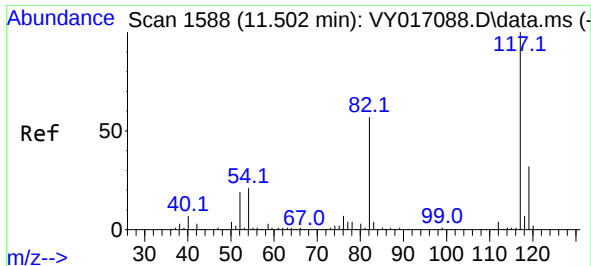
Tgt Ion: 98 Resp: 173568
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.419 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion: 95 Resp: 53336
Ion Ratio Lower Upper
95 100
174 82.5 0.0 160.0
176 78.1 0.0 151.8

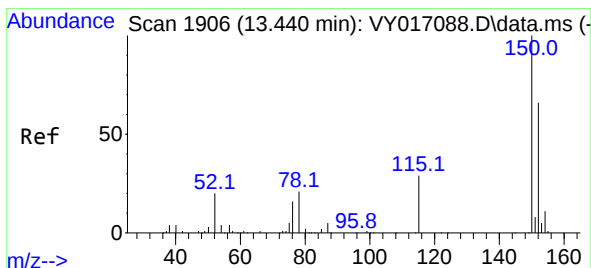
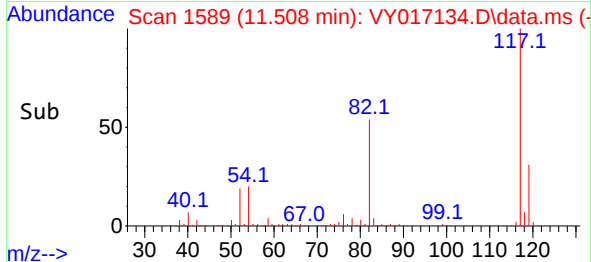
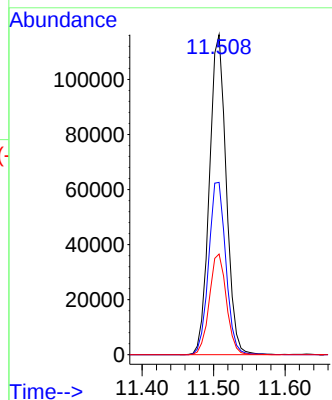
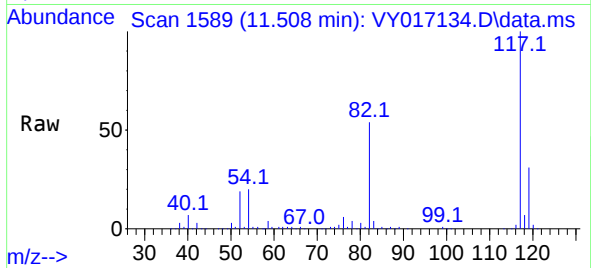




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11589
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

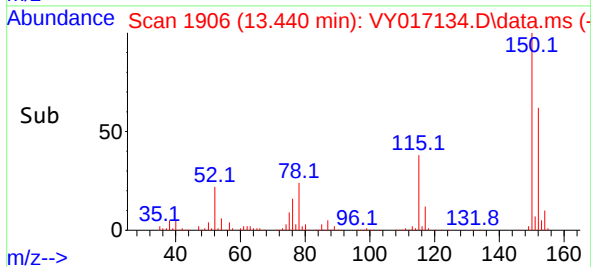
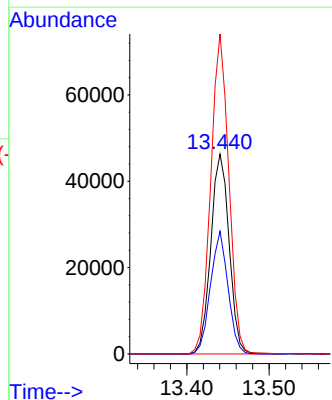
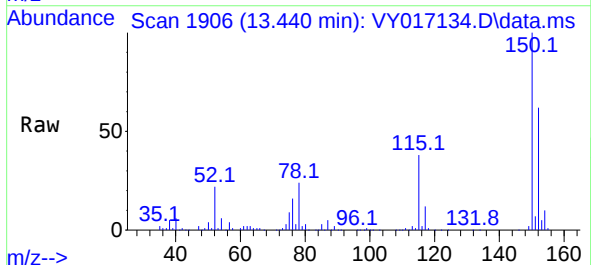
Instrument :
MSVOA_Y
ClientSampleId :

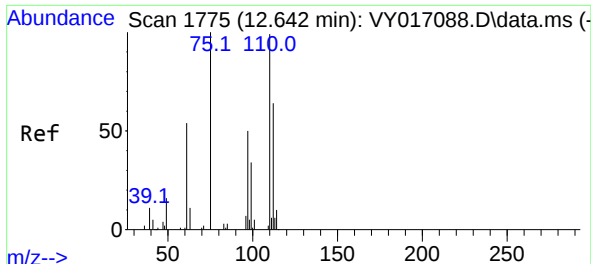
Tgt Ion:117 Resp: 190308
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 31.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion:152 Resp: 71702
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 157.7 0.0 344.6

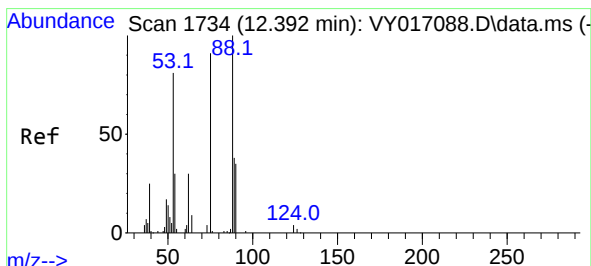
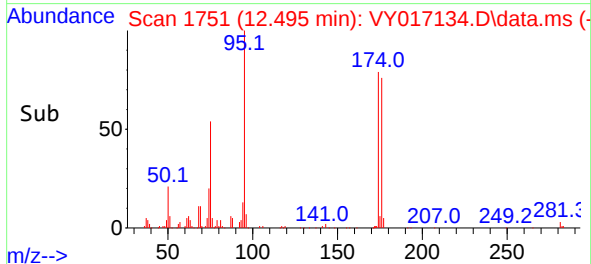
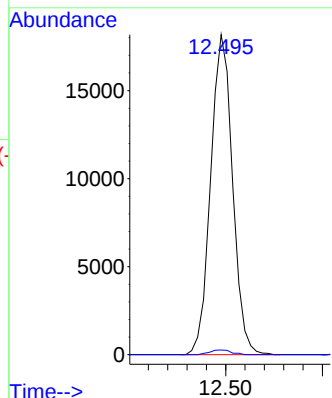
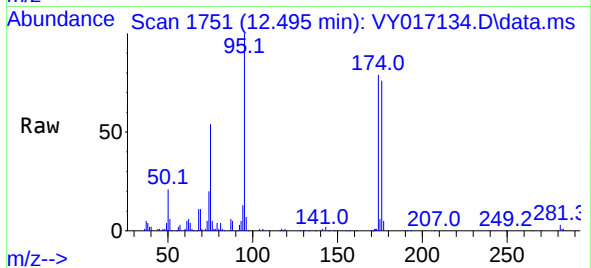




#76
1,2,3-Trichloropropane
Concen: 32.812 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 28557
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.947 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017134.D
Acq: 30 Jan 2024 10:29

Tgt Ion: 75 Resp: 28557
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

