

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017139.D
 Acq On : 30 Jan 2024 13:28
 Operator : SY/MD
 Sample : P1277-01
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:27:42 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)

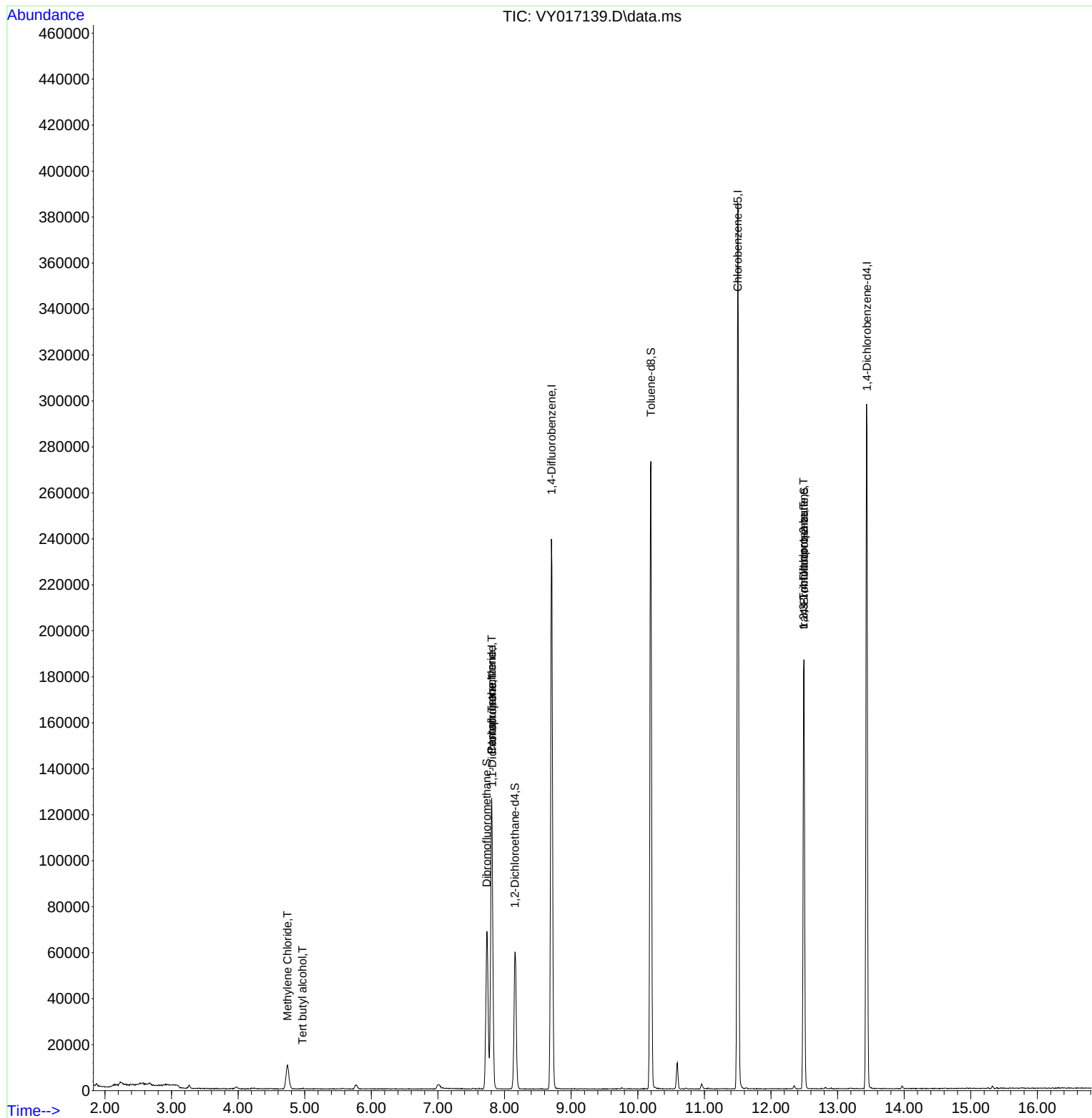
Internal Standards						
1) Pentafluorobenzene	7.807	168	96488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	204758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	200554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	46606	49.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.734	113	50036	40.489	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.980%
50) Toluene-d8	10.197	98	179808	38.522	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.040%
62) 4-Bromofluorobenzene	12.496	95	57693	40.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.240%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	142	Below Cal	#	41
4) Vinyl Chloride	2.247	62	71	Below Cal	#	43
5) Bromomethane	2.668	94	127	Below Cal	#	65
7) Trichlorofluoromethane	3.137	101	22	Below Cal	#	18
11) Tert butyl alcohol	4.966	59	235	3.243	ug/l #	75
16) Acetone	3.979	43	1435	Below Cal		95
20) Methylene Chloride	4.741	84	7793	1.573	ug/l	92
25) 2-Butanone	7.027	43	359	Below Cal	#	48
31) Cyclohexane	7.807	56	2195	Below Cal	#	1
36) 1,1-Dichloropropene	7.813	75	8319	4.091	ug/l #	48
38) Carbon Tetrachloride	7.807	117	9871	4.954	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	30588	33.287	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	30588	86.176	ug/l #	13

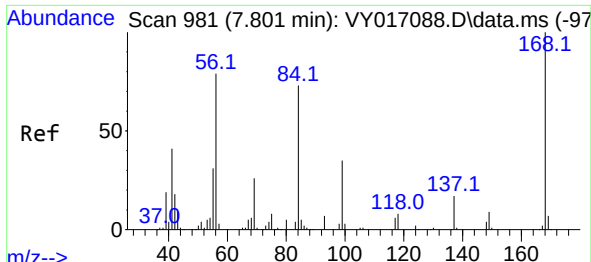
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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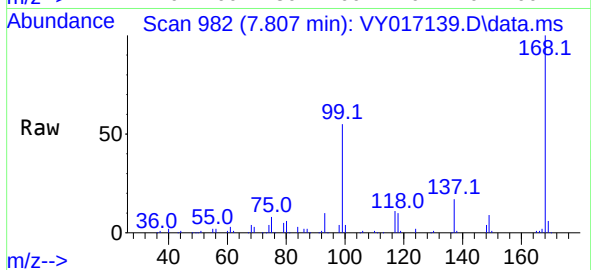
Quant Time: Jan 31 00:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
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QLast Update : Thu Jan 25 04:44:10 2024
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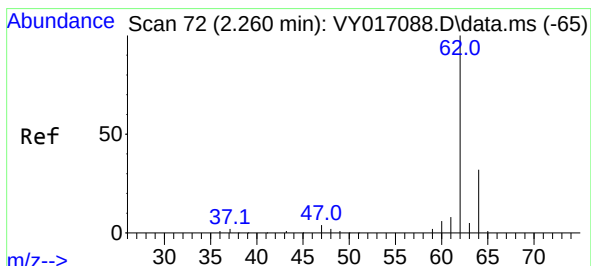
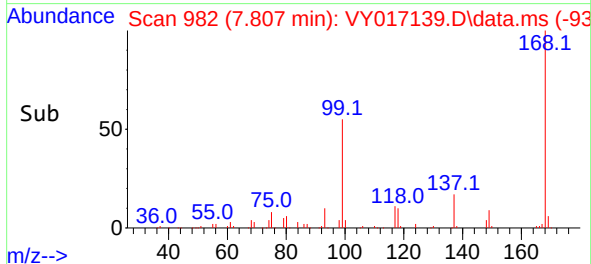
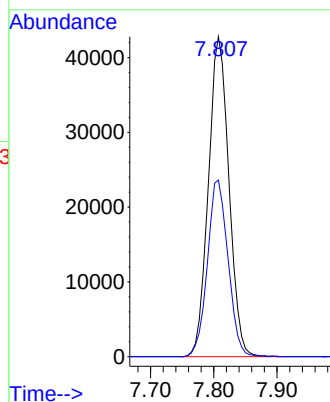


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

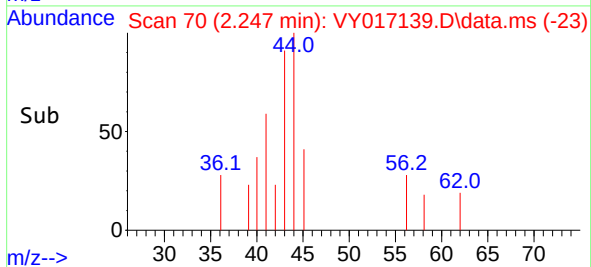
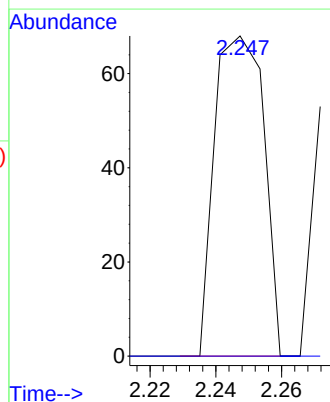
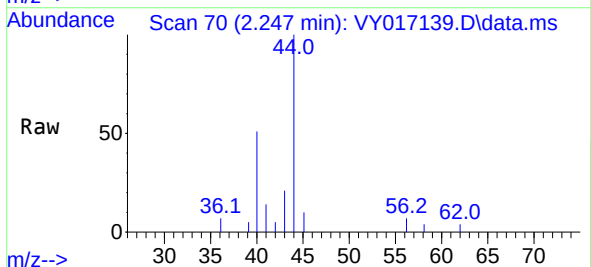


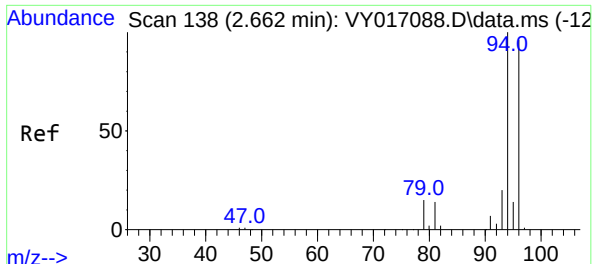
Tgt Ion:168 Resp: 96488
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Tgt Ion: 62 Resp: 71
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

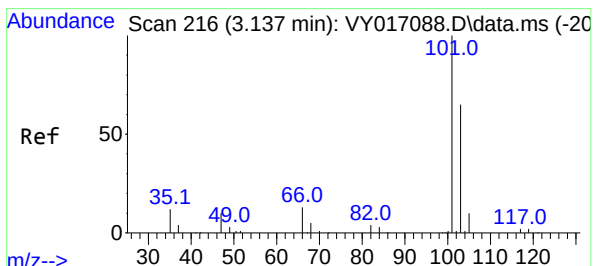
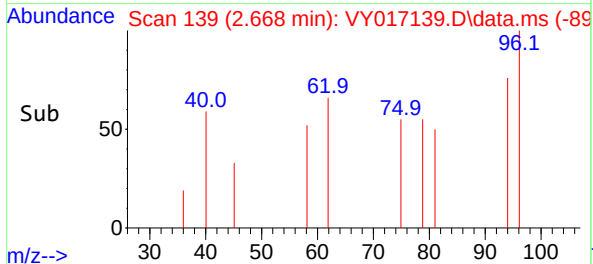
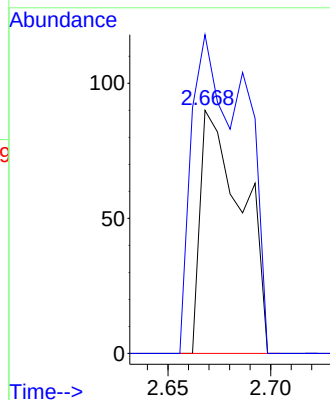
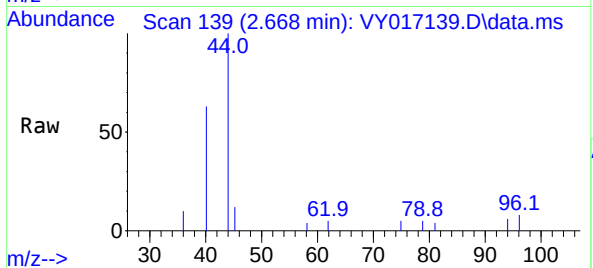




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

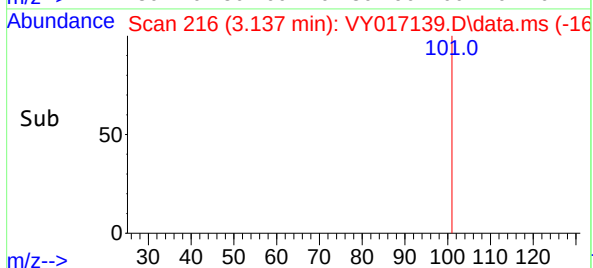
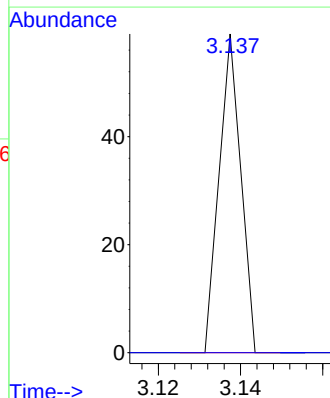
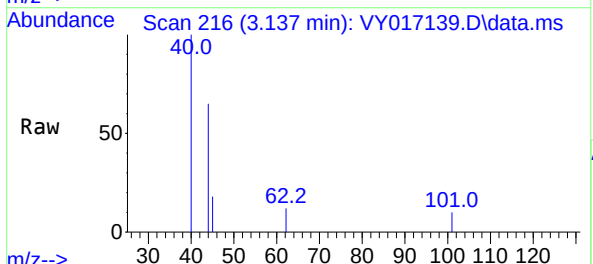
Instrument :
MSVOA_Y
ClientSampleId :

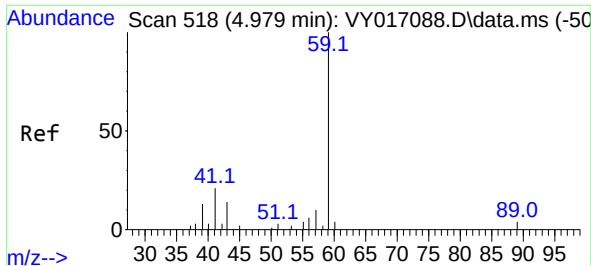
Tgt Ion: 94 Resp: 127
Ion Ratio Lower Upper
94 100
96 131.1 77.3 115.9#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Tgt Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
103 0.0 51.9 77.9#

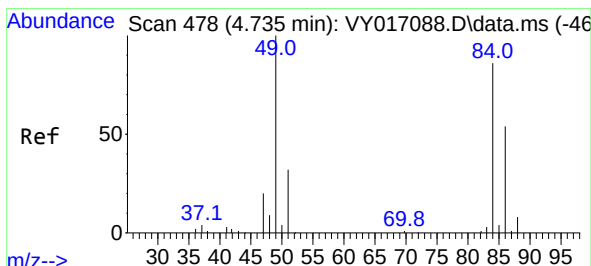
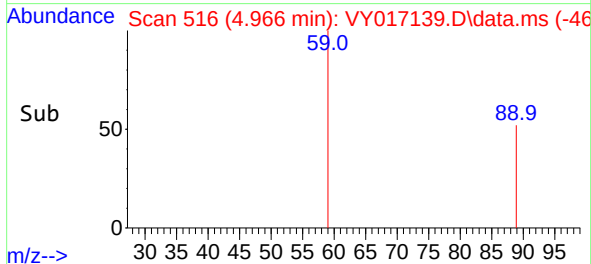
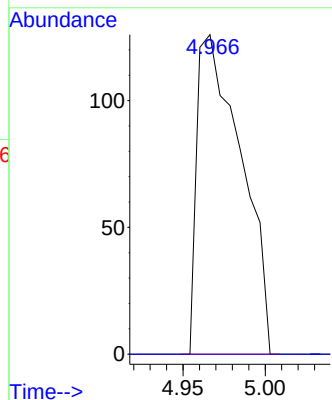
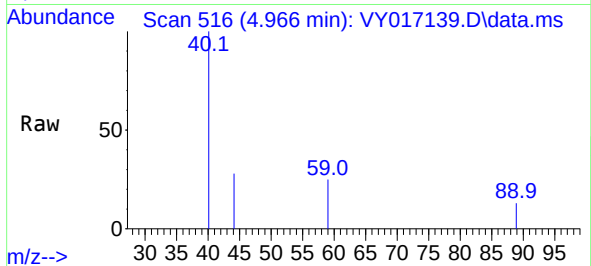




#11
Tert butyl alcohol
Concen: 3.243 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

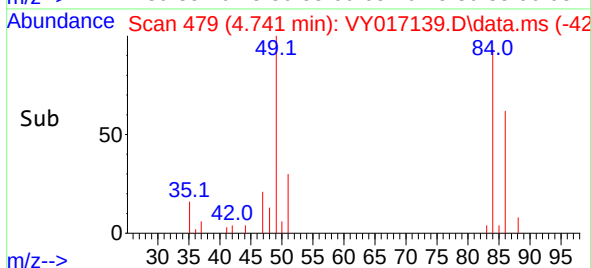
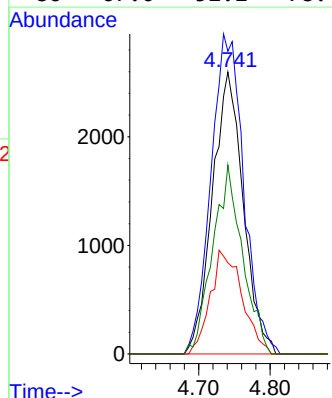
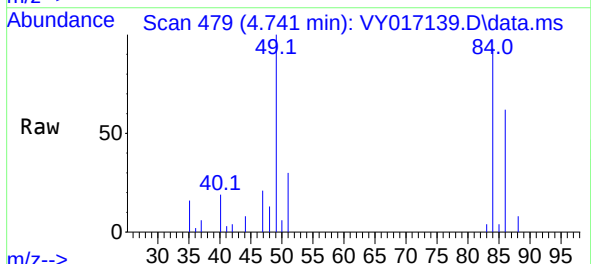
Instrument :
MSVOA_Y
ClientSampleId :

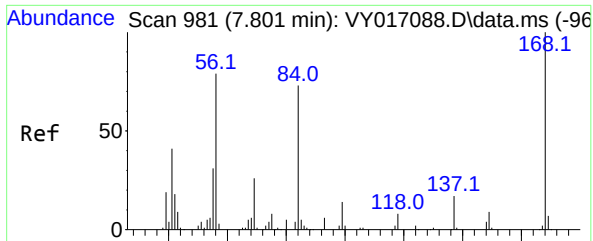
Tgt Ion: 59 Resp: 235
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 1.573 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

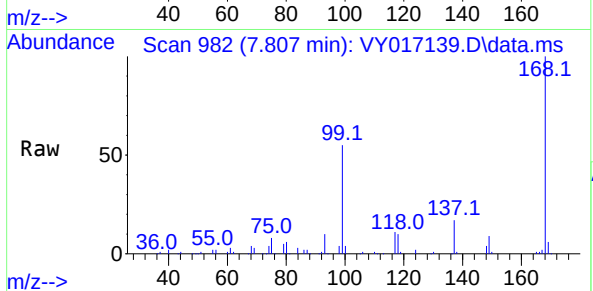
Tgt Ion: 84 Resp: 7793
Ion Ratio Lower Upper
84 100
49 107.4 95.2 142.8
51 32.4 29.9 44.9
86 67.0 52.2 78.4



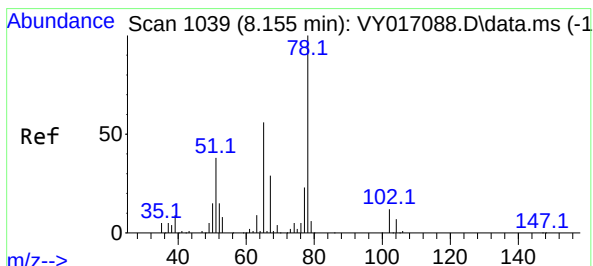
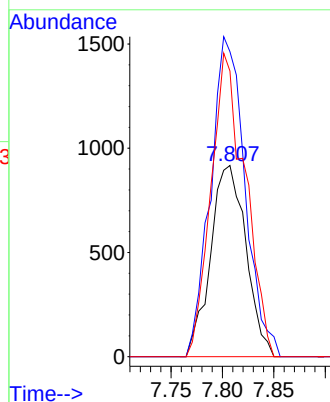
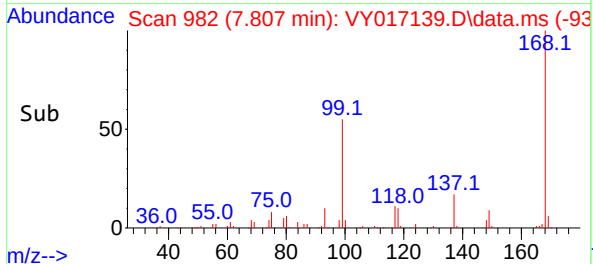


#31
Cyclohexane
Concen: Below Cal
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

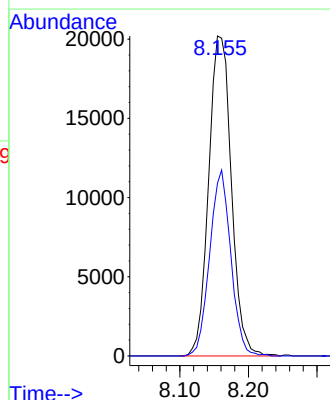
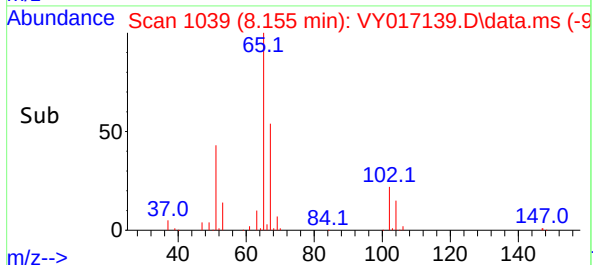
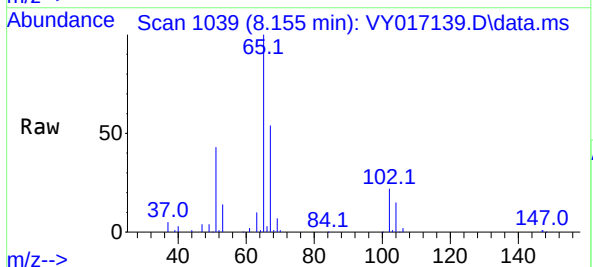


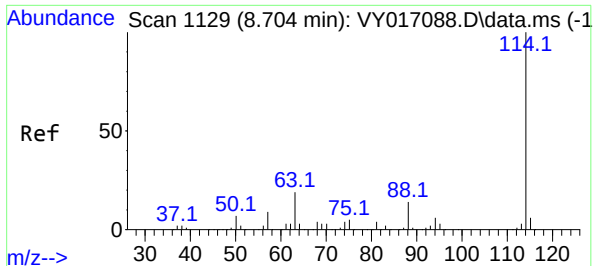
Tgt Ion: 56 Resp: 2195
Ion Ratio Lower Upper
56 100
69 159.5 27.0 40.6#
84 149.4 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 49.576 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Tgt Ion: 65 Resp: 46606
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY017139.D

Acq: 30 Jan 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

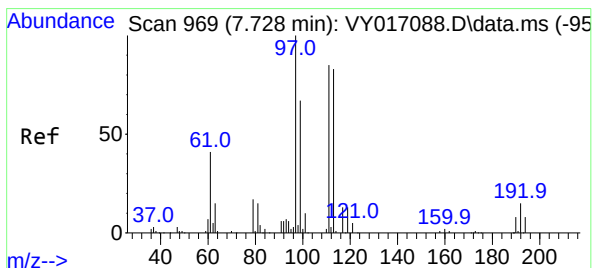
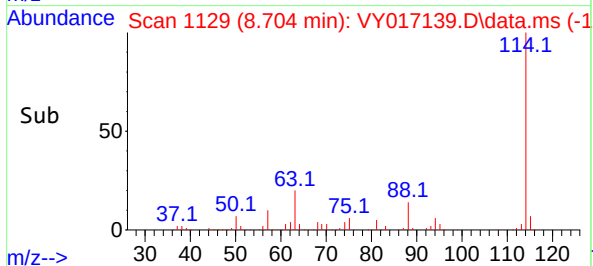
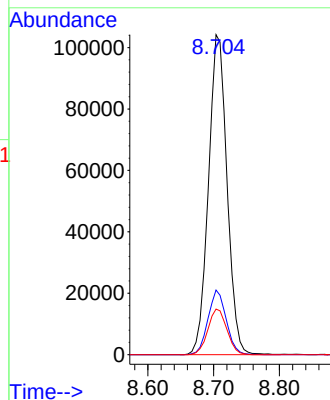
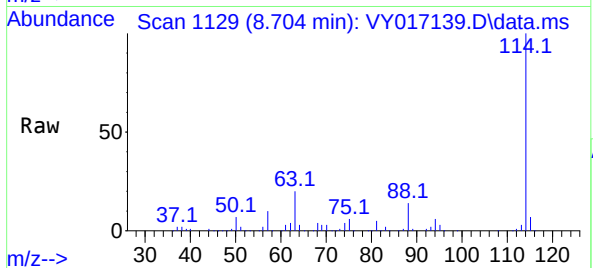
Tgt Ion:114 Resp: 204758

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.489 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017139.D

Acq: 30 Jan 2024 13:28

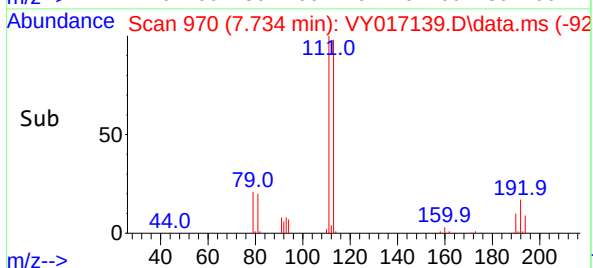
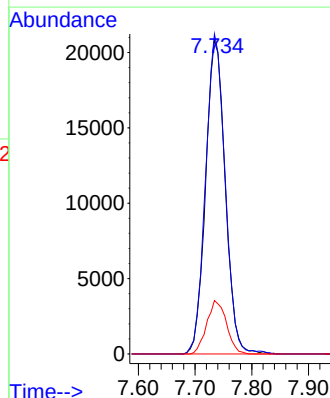
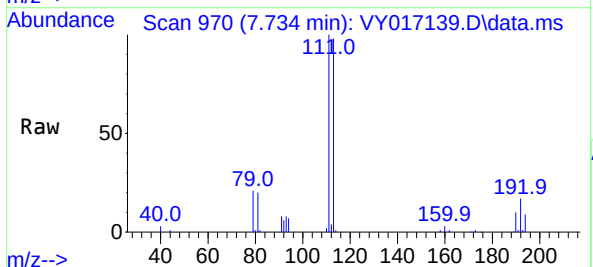
Tgt Ion:113 Resp: 50036

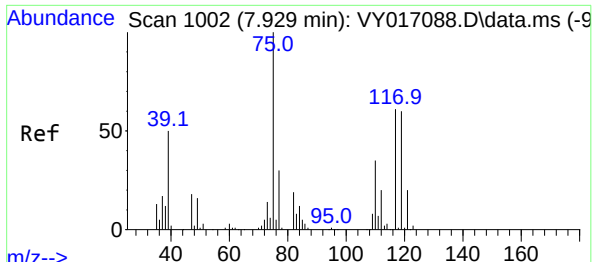
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

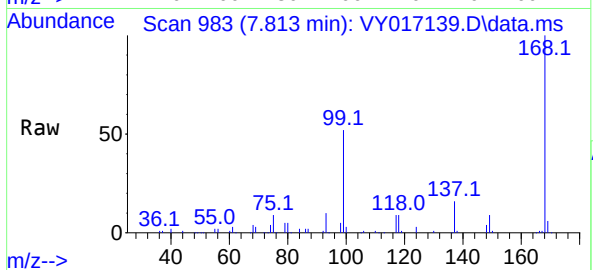
192 17.1 14.5 21.7



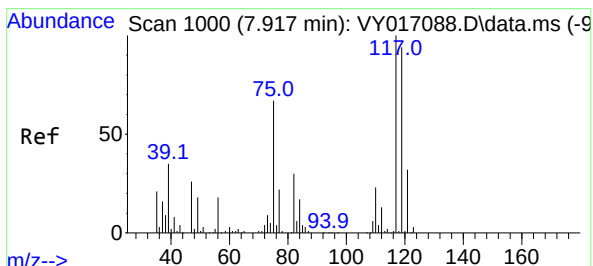
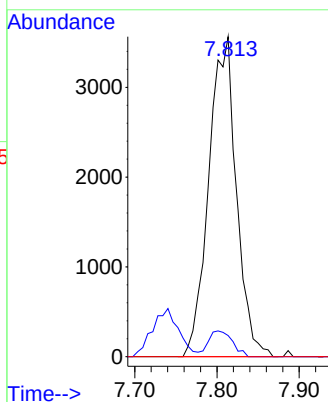
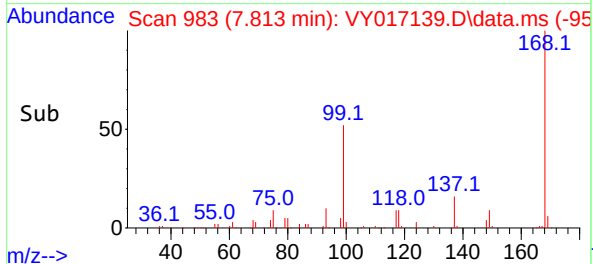


#36
1,1-Dichloropropene
Concen: 4.091 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

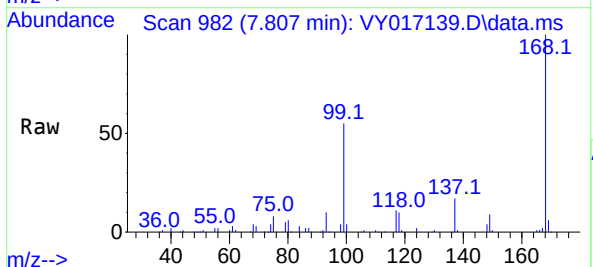
Instrument :
MSVOA_Y
ClientSampleId :



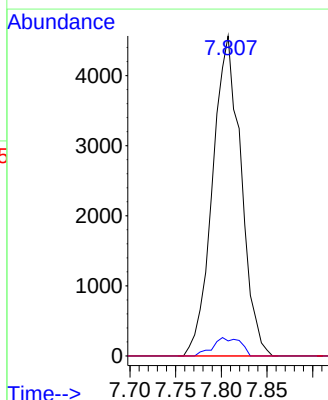
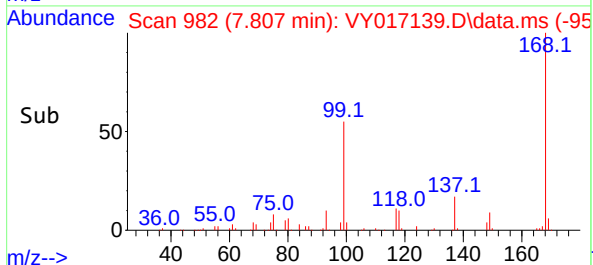
Tgt Ion: 75 Resp: 8319
Ion Ratio Lower Upper
75 100
110 7.0 17.4 52.3#
77 0.0 24.7 37.1#

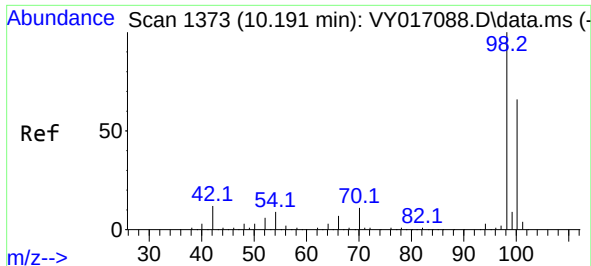


#38
Carbon Tetrachloride
Concen: 4.954 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28



Tgt Ion: 117 Resp: 9871
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#

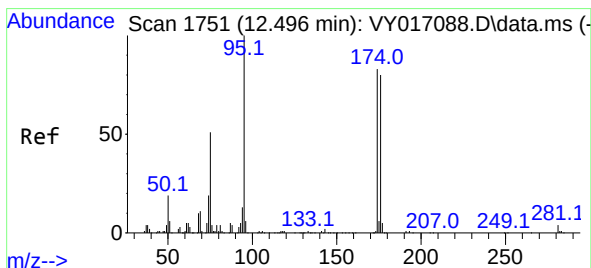
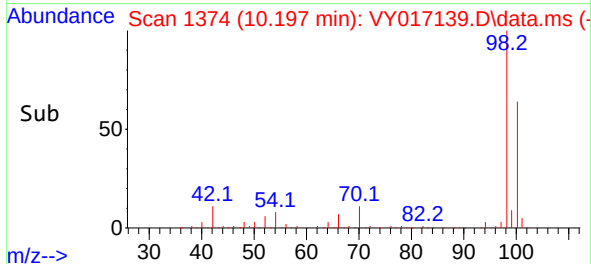
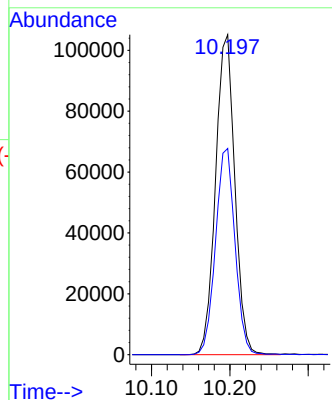
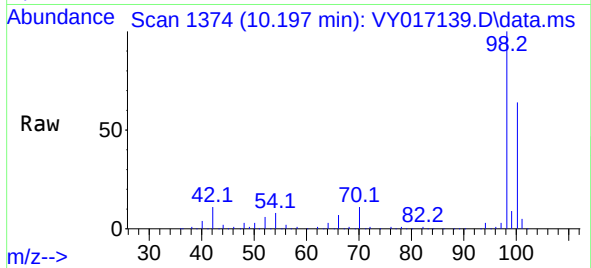




#50
Toluene-d8
Concen: 38.522 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

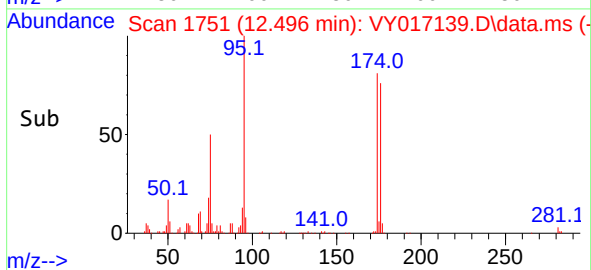
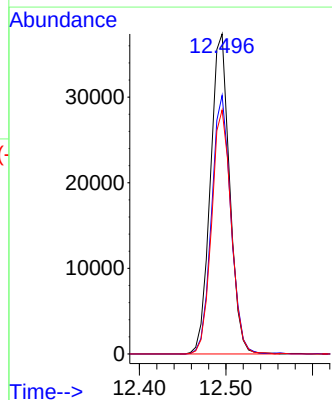
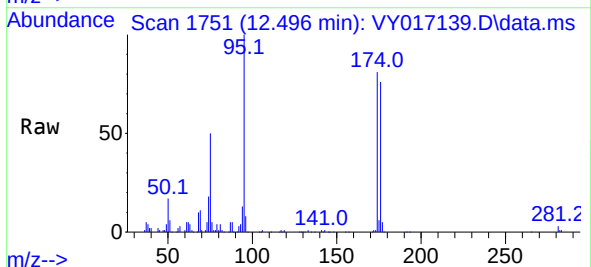
Instrument :
MSVOA_Y
ClientSampleId :

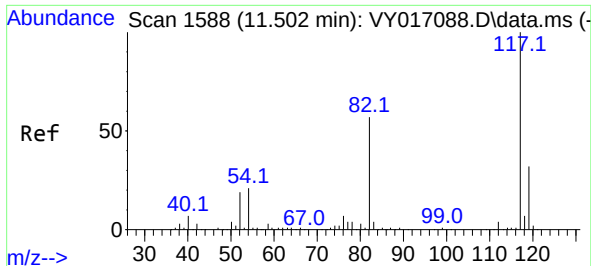
Tgt Ion: 98 Resp: 179808
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.123 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Tgt Ion: 95 Resp: 57693
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 77.3 0.0 151.8

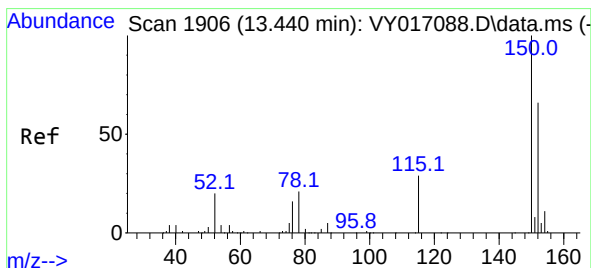
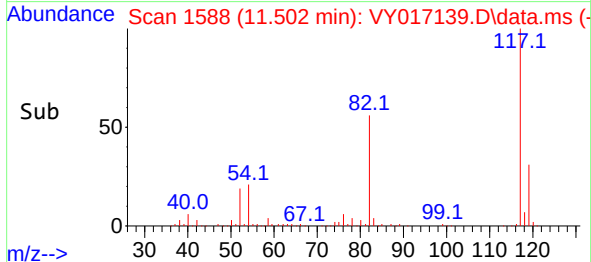
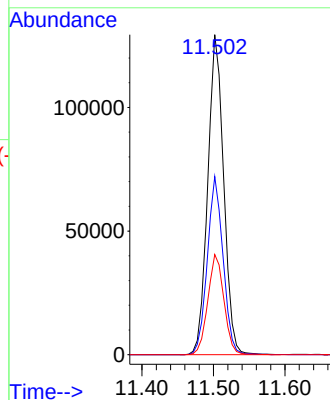
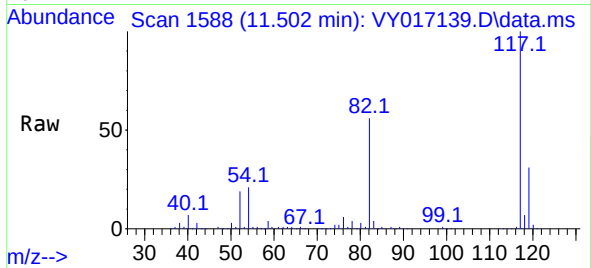




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

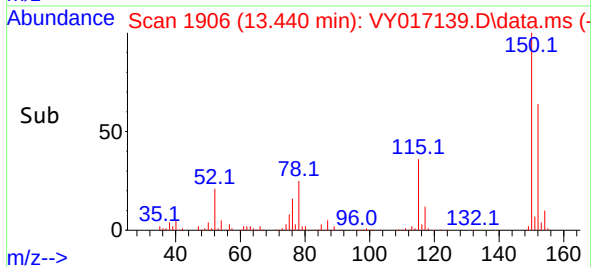
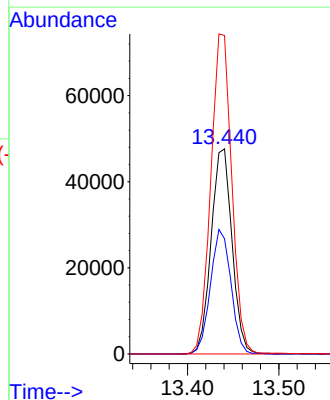
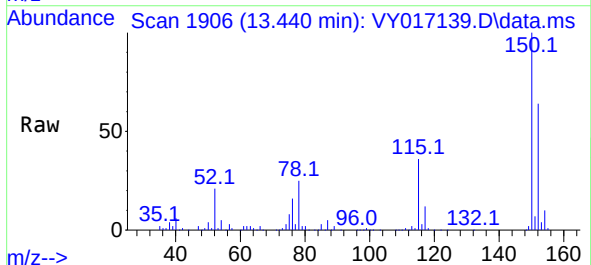
Instrument :
MSVOA_Y
ClientSampleId :

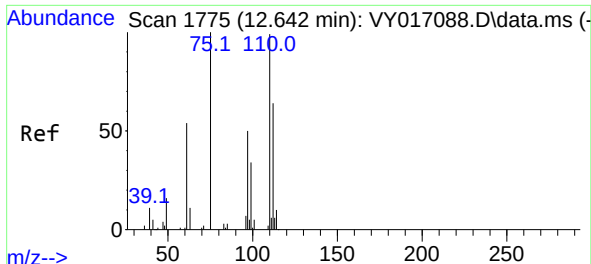
Tgt Ion:117 Resp: 200554
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Tgt Ion:152 Resp: 75706
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 156.0 0.0 344.6

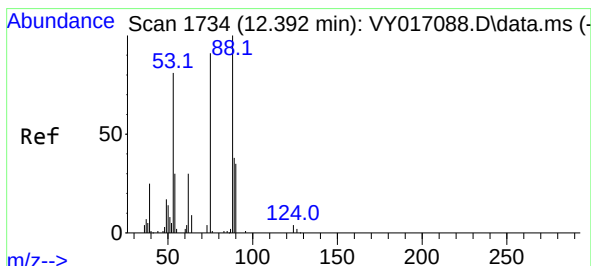
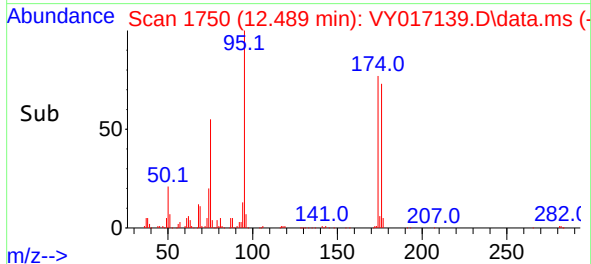
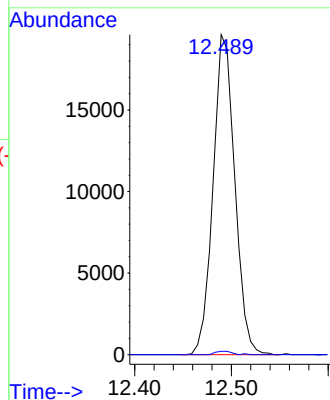
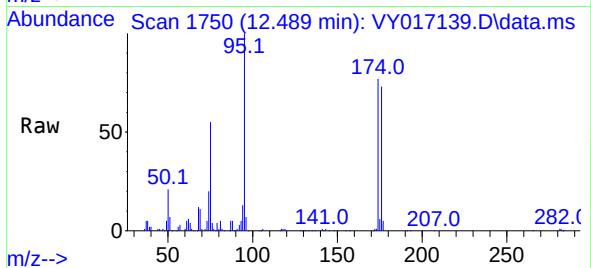




#76
1,2,3-Trichloropropane
Concen: 33.287 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30588
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.176 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017139.D
Acq: 30 Jan 2024 13:28

Tgt Ion: 75 Resp: 30588
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.3 36.5 54.7#

