

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017137.D
 Acq On : 30 Jan 2024 12:41
 Operator : SY/MD
 Sample : P1276-03
 Misc : 2.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:27:24 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)

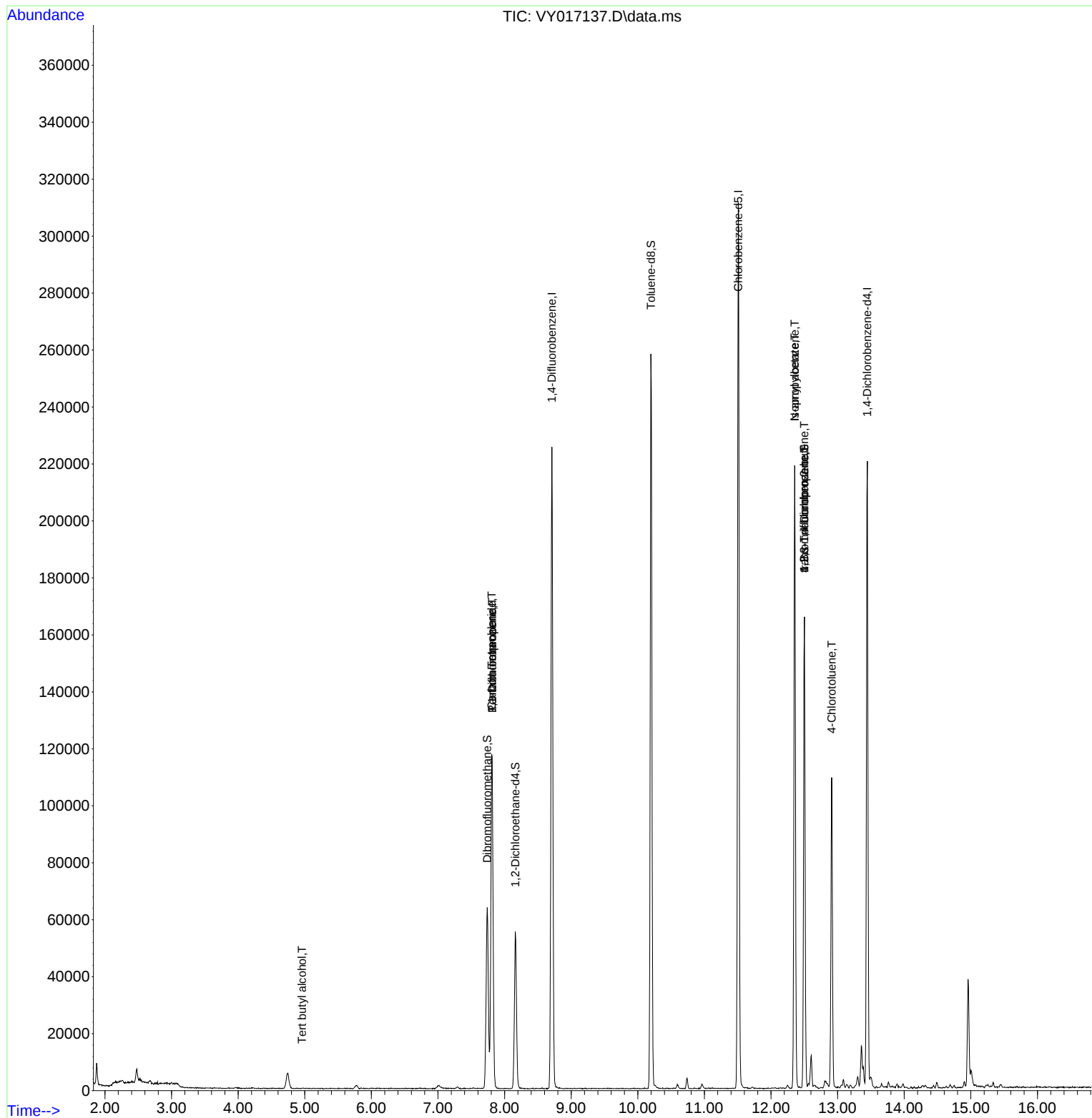
Internal Standards						
1) Pentafluorobenzene	7.813	168	91248	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	191794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	174469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	53105	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	40828	45.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.840%
35) Dibromofluoromethane	7.740	113	46061	39.791	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.580%
50) Toluene-d8	10.197	98	169779	38.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.660%
62) 4-Bromofluorobenzene	12.502	95	51984	38.596	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.200%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	237	Below Cal	#	41
4) Vinyl Chloride	2.278	62	23	Below Cal	#	43
5) Bromomethane	2.674	94	217	Below Cal		89
6) Chloroethane	2.741	64	23	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	83	1.279	ug/l #	75
16) Acetone	3.979	43	590	Below Cal	#	87
20) Methylene Chloride	4.741	84	4055	Below Cal		91
25) 2-Butanone	7.015	43	71	Below Cal	#	48
31) Cyclohexane	7.801	56	2080	Below Cal	#	1
36) 1,1-Dichloropropene	7.813	75	7505	3.941	ug/l #	49
38) Carbon Tetrachloride	7.807	117	8804	4.717	ug/l #	21
73) Isopropylbenzene	12.355	105	8940	2.048	ug/l #	70
74) N-amyl acetate	12.355	43	4522	5.139	ug/l #	19
76) 1,2,3-Trichloropropane	12.502	75	27033	41.938	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	27033	108.574	ug/l #	12
82) 4-Chlorotoluene	12.910	91	13290	4.450	ug/l #	41

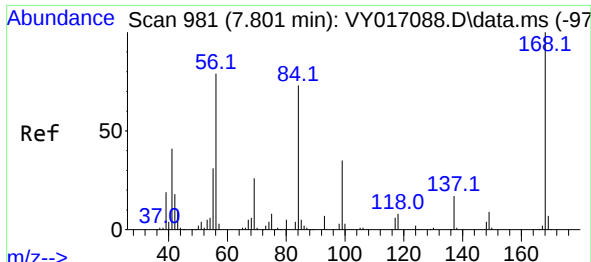
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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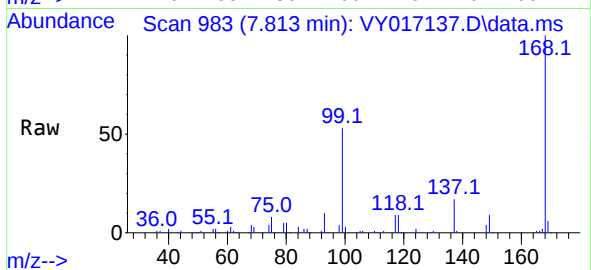
Quant Time: Jan 31 00:27:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration



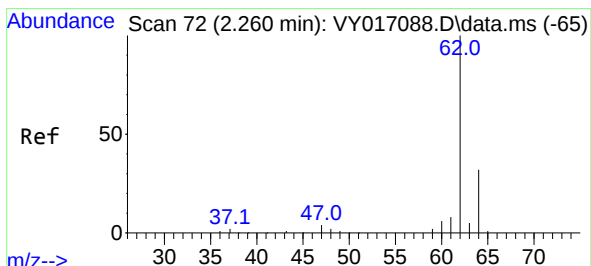
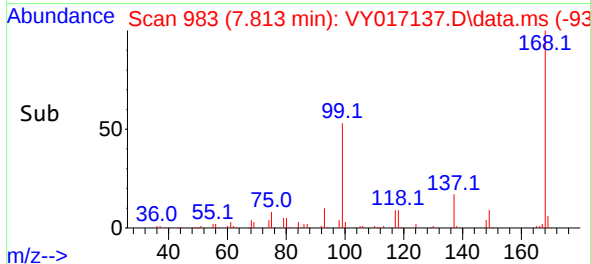
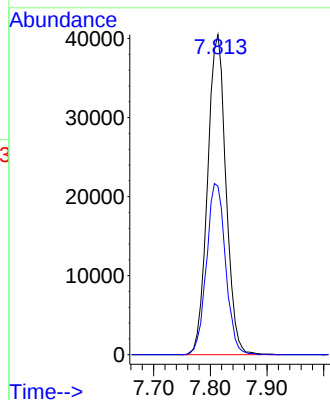


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

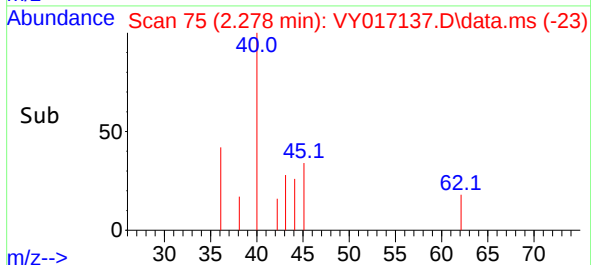
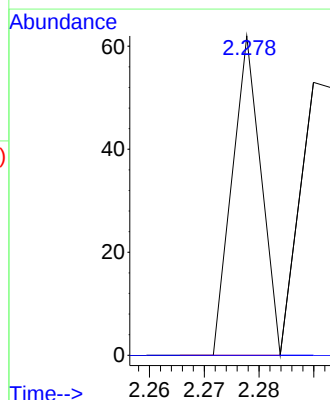
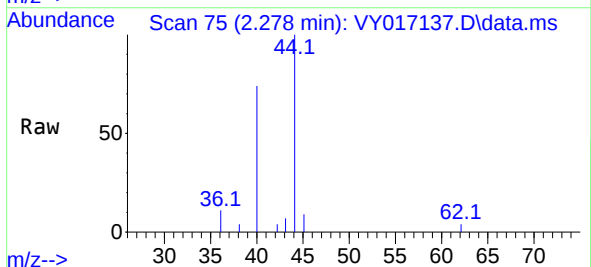


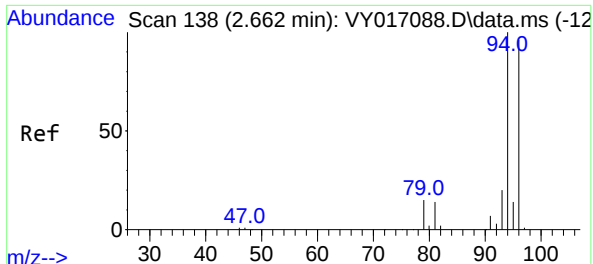
Tgt Ion:168 Resp: 91248
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.278 min Scan# 75
Delta R.T. 0.019 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

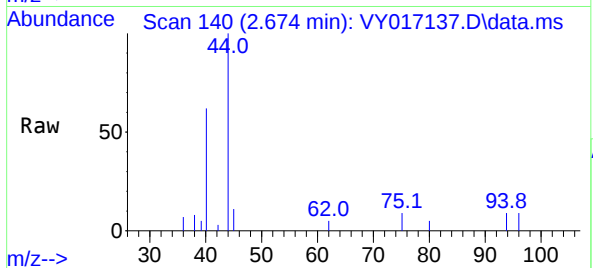
Tgt Ion: 62 Resp: 23
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#



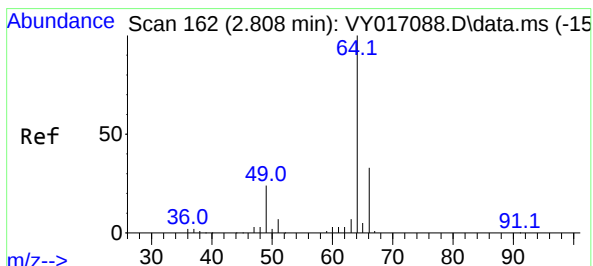
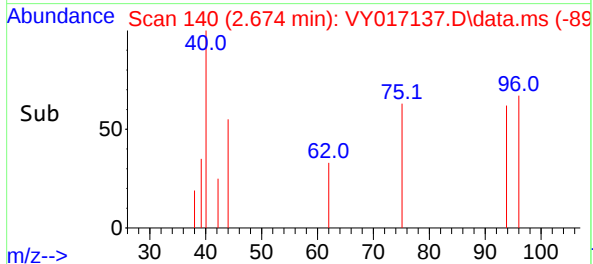
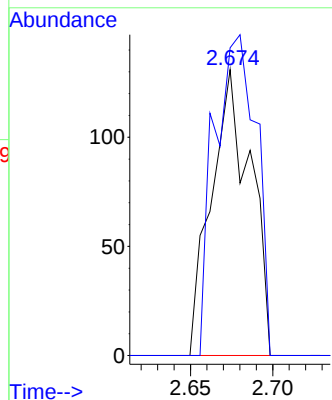


#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

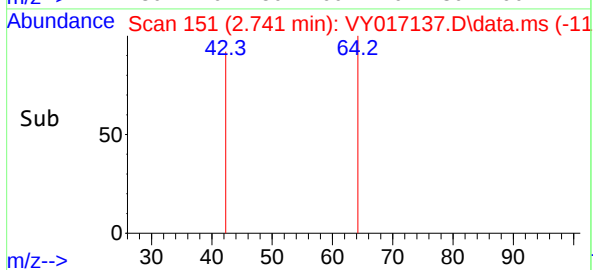
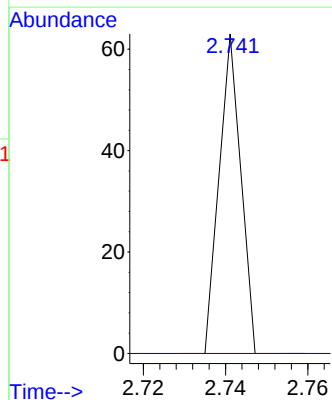
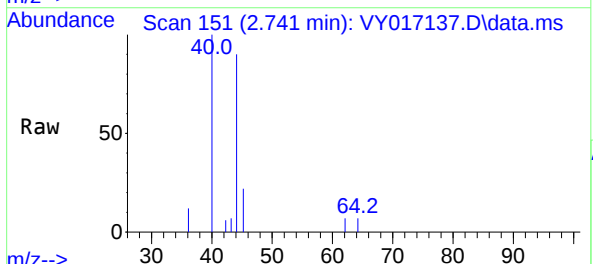


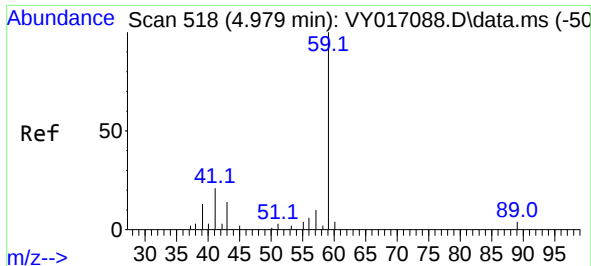
Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 107.6 77.3 115.9



#6
Chloroethane
Concen: Below Cal
RT: 2.741 min Scan# 151
Delta R.T. -0.067 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

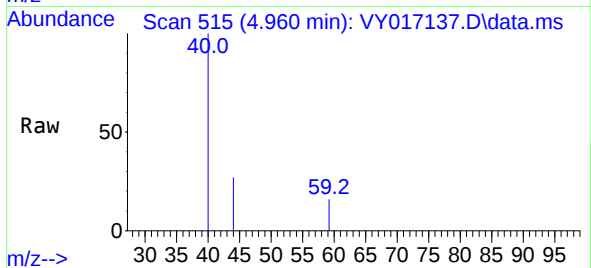
Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



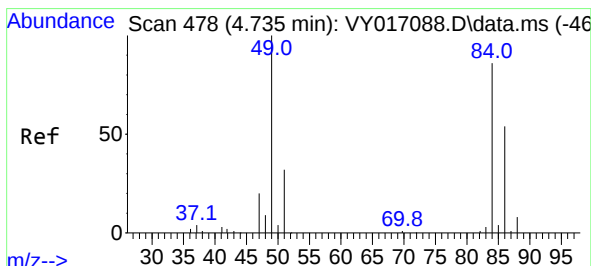
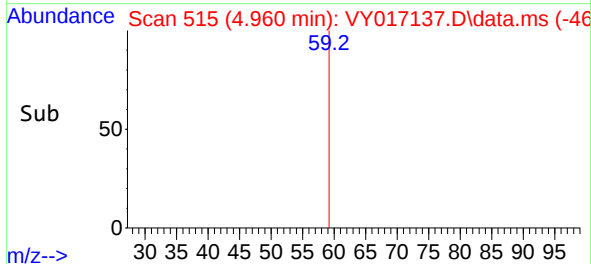
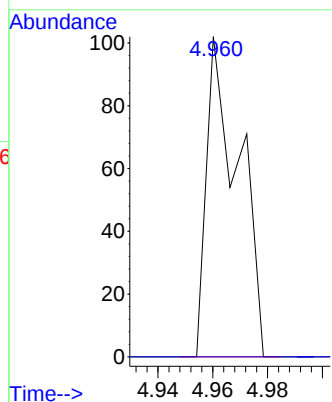


#11
Tert butyl alcohol
Concen: 1.279 ug/l
RT: 4.960 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

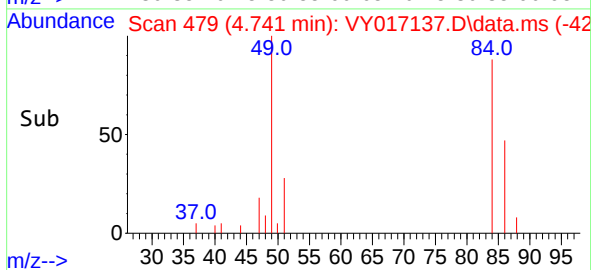
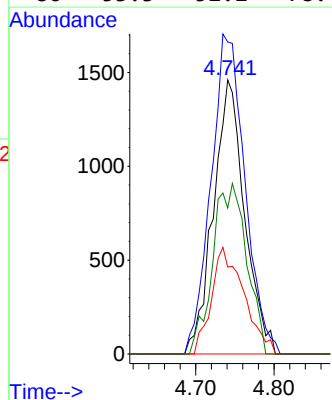
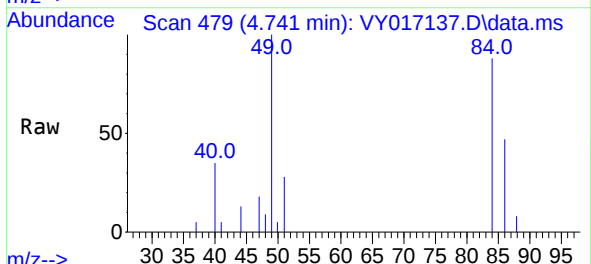


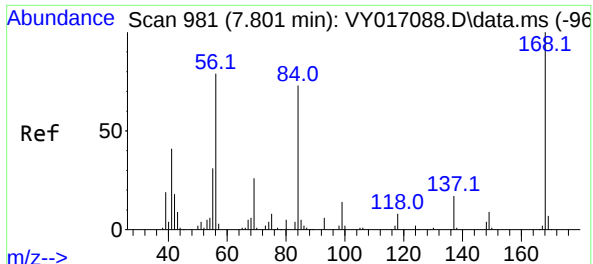
Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

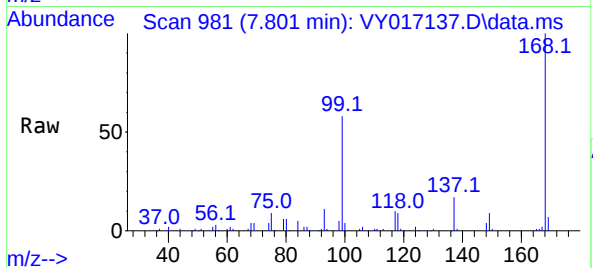
Tgt Ion: 84 Resp: 4055
Ion Ratio Lower Upper
84 100
49 113.8 95.2 142.8
51 31.7 29.9 44.9
86 53.3 52.2 78.4



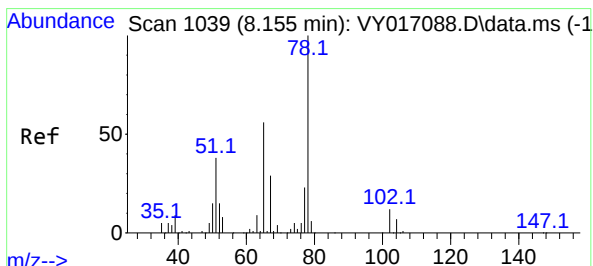
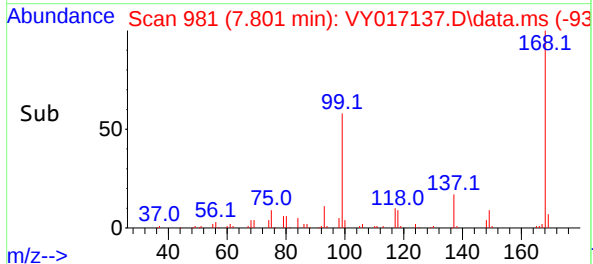
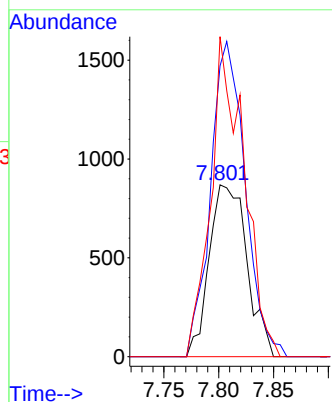


#31
Cyclohexane
Concen: Below Cal
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Instrument :
MSVOA_Y
ClientSampleId :

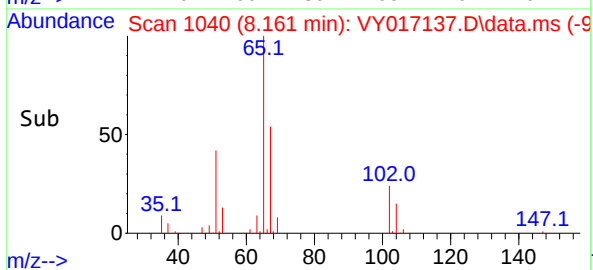
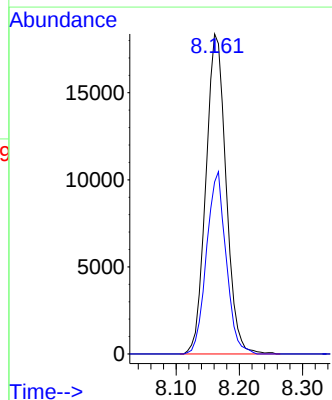
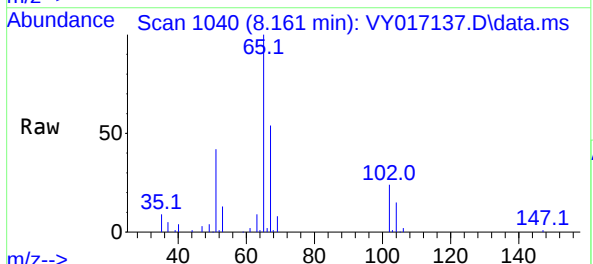


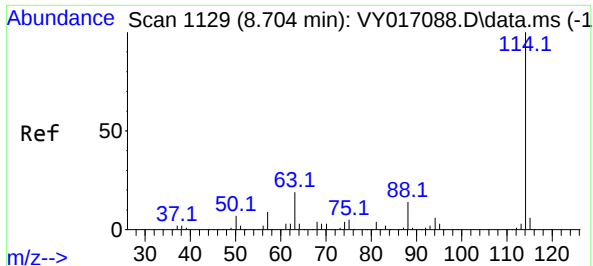
Tgt Ion: 56 Resp: 2080
Ion Ratio Lower Upper
56 100
69 169.3 27.0 40.6#
84 186.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 45.924 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion: 65 Resp: 40828
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.0

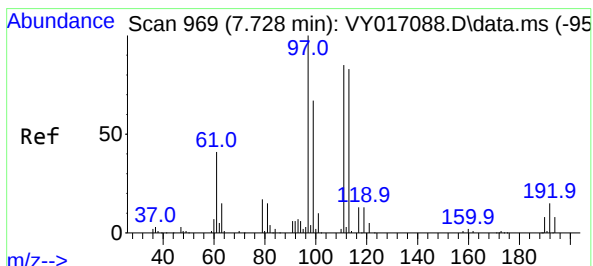
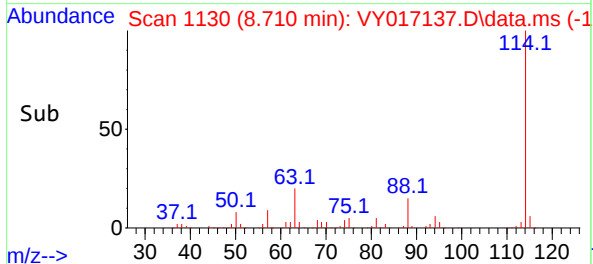
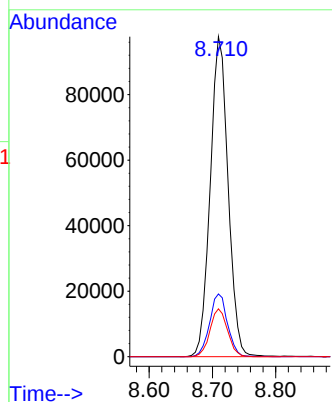
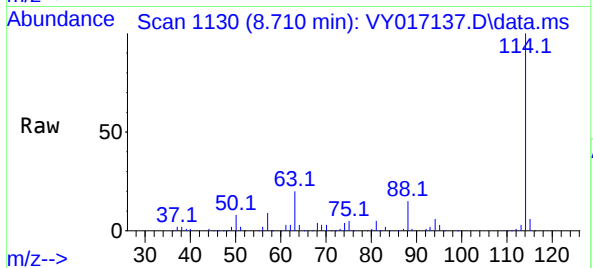




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

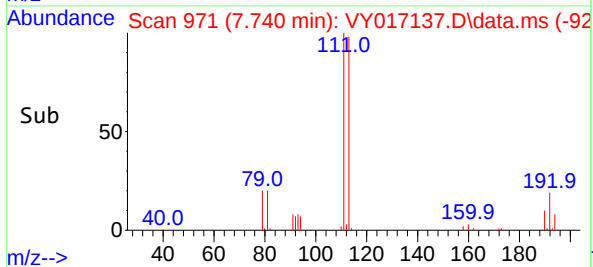
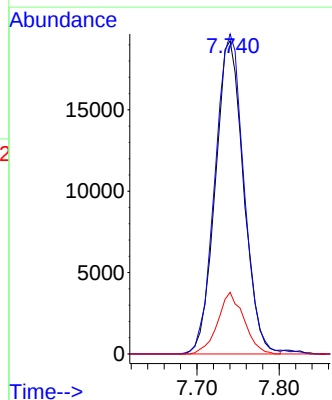
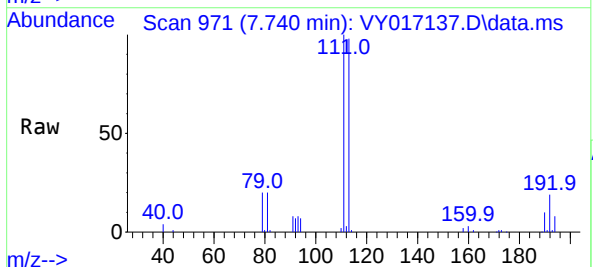
Instrument :
MSVOA_Y
ClientSampleId :

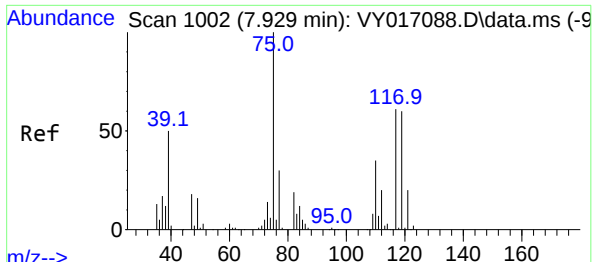
Tgt Ion:114 Resp: 191794
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.4
88 14.9 0.0 29.0



#35
Dibromofluoromethane
Concen: 39.791 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion:113 Resp: 46061
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 3.941 ug/l

RT: 7.813 min Scan# 91

Delta R.T. -0.116 min

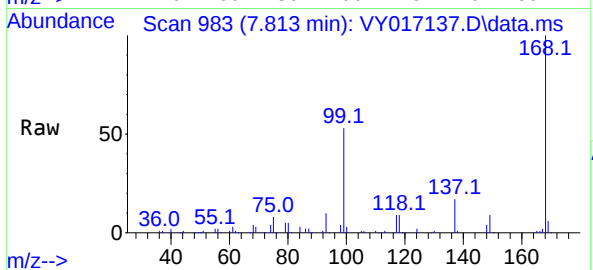
Lab File: VY017137.D

Acq: 30 Jan 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :



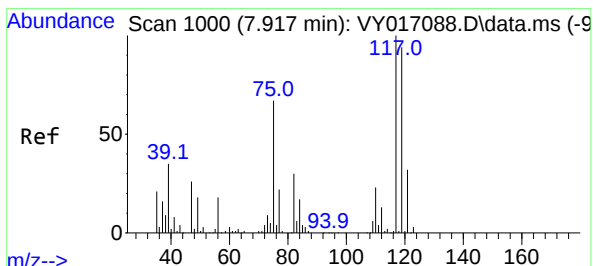
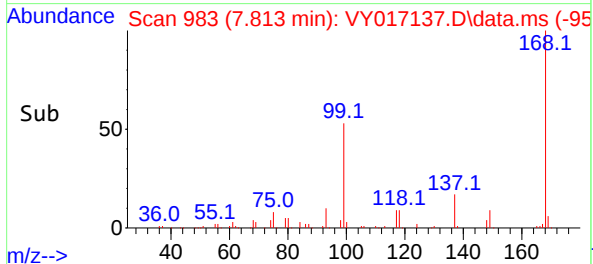
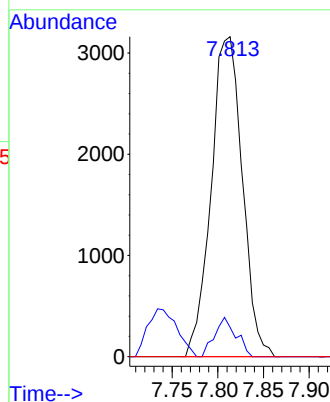
Tgt Ion: 75 Resp: 7505

Ion Ratio Lower Upper

75 100

110 8.4 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.717 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY017137.D

Acq: 30 Jan 2024 12:41

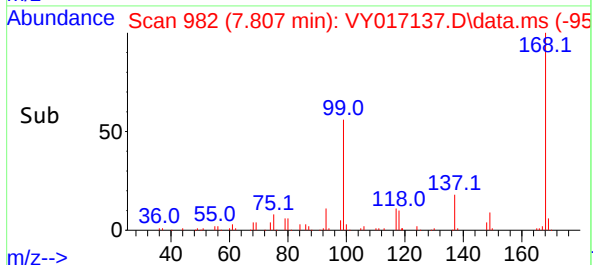
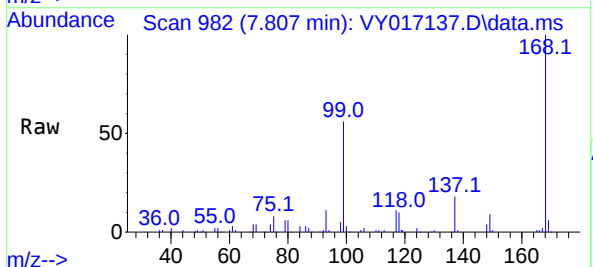
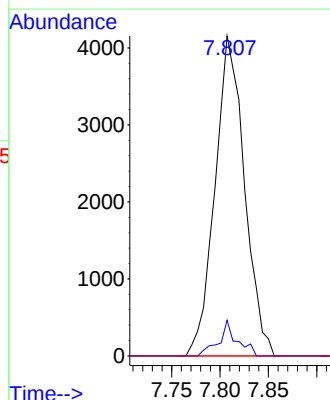
Tgt Ion: 117 Resp: 8804

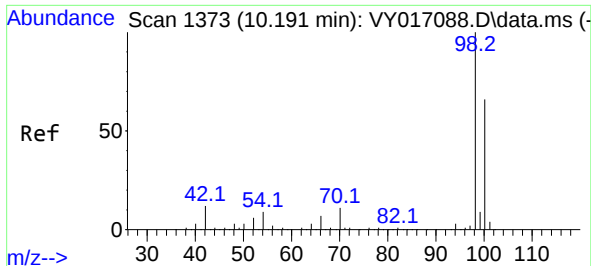
Ion Ratio Lower Upper

117 100

119 11.2 76.0 114.0#

121 0.0 24.2 36.2#

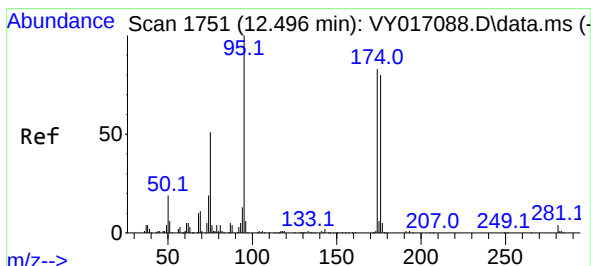
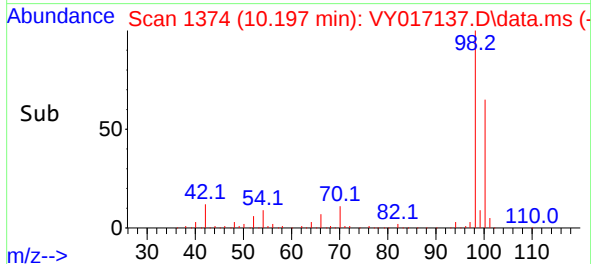
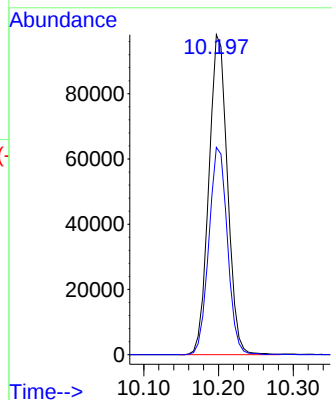
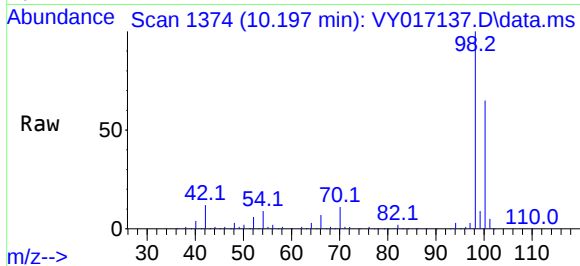




#50
Toluene-d8
Concen: 38.832 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

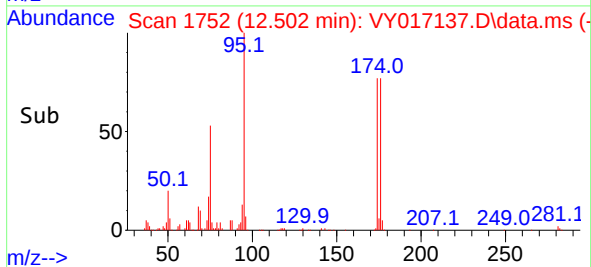
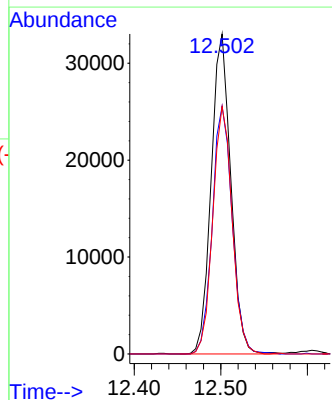
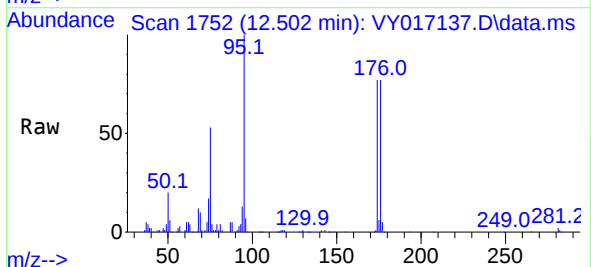
Instrument :
MSVOA_Y
ClientSampleId :

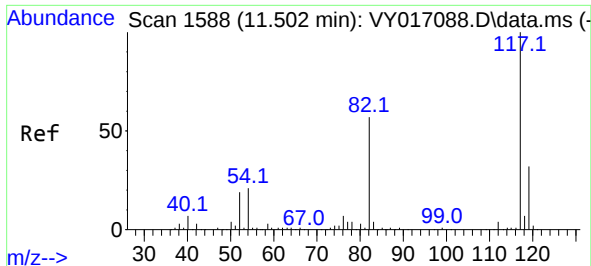
Tgt Ion: 98 Resp: 169779
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.596 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion: 95 Resp: 51984
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 76.4 0.0 151.8

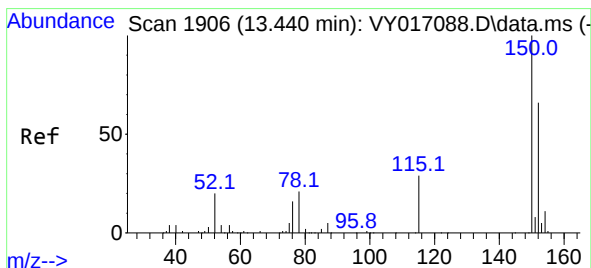
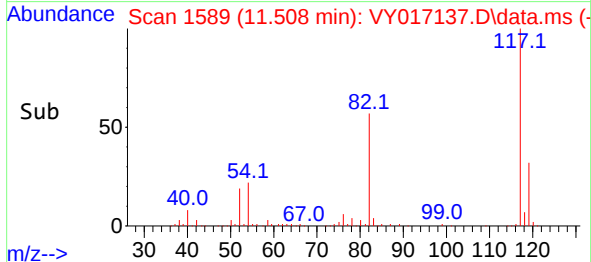
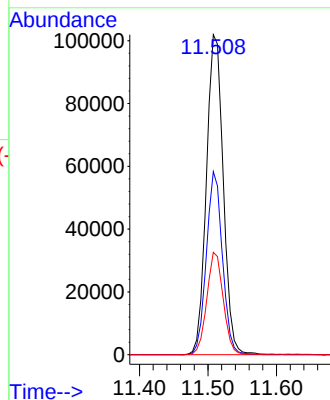
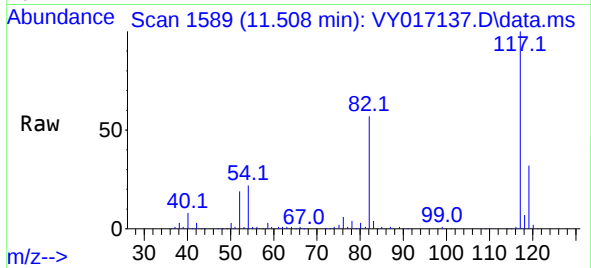




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

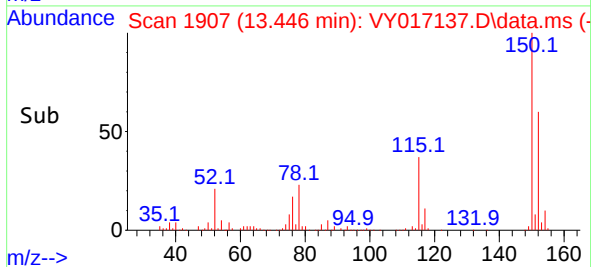
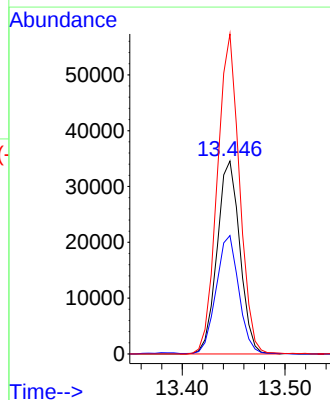
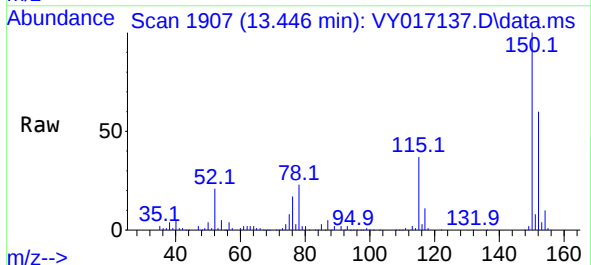
Instrument :
MSVOA_Y
ClientSampleId :

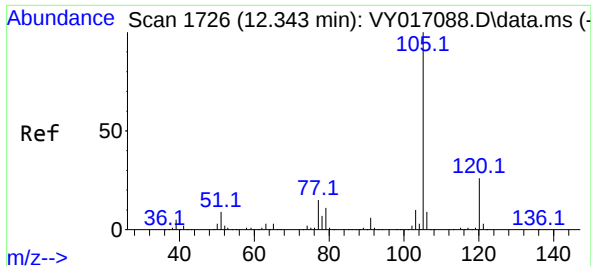
Tgt Ion:117 Resp: 174469
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion:152 Resp: 53105
Ion Ratio Lower Upper
152 100
115 61.4 30.0 90.0
150 161.7 0.0 344.6

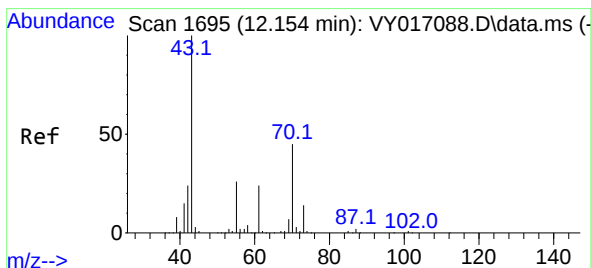
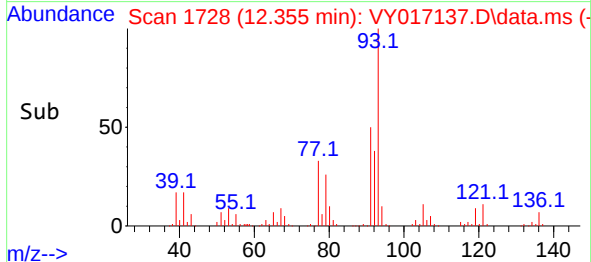
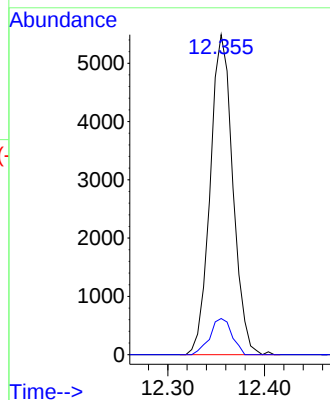
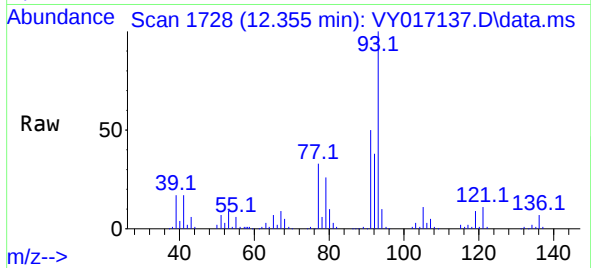




#73
Isopropylbenzene
Concen: 2.048 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.018 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

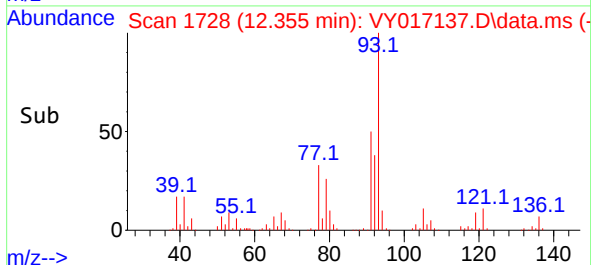
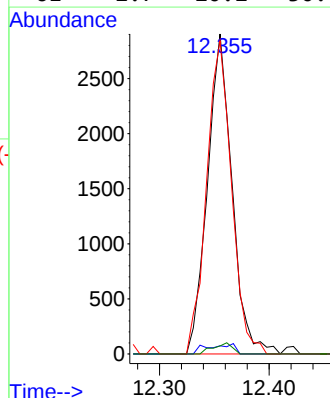
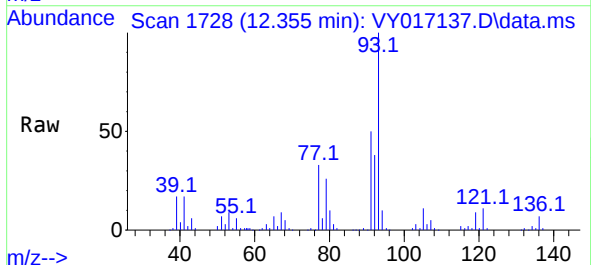
Instrument :
MSVOA_Y
ClientSampleId :

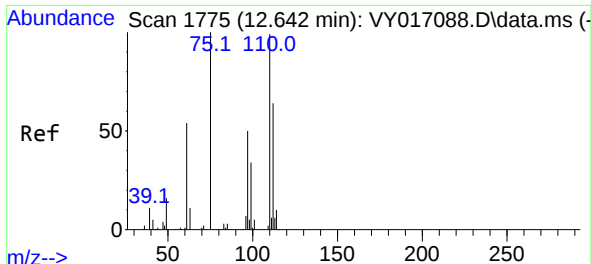
Tgt Ion:105 Resp: 8940
Ion Ratio Lower Upper
105 100
120 10.9 13.0 39.0#



#74
N-ethyl acetate
Concen: 5.139 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.201 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion: 43 Resp: 4522
Ion Ratio Lower Upper
43 100
70 1.9 36.6 55.0#
55 99.5 22.2 33.4#
61 2.7 20.2 30.4#

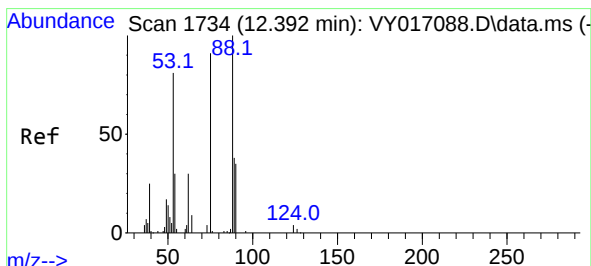
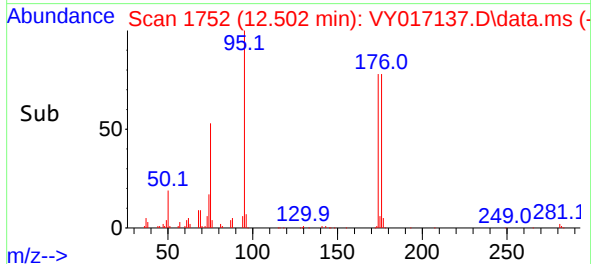
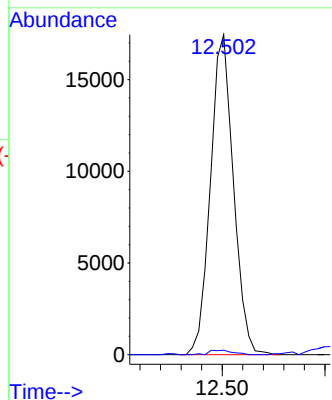
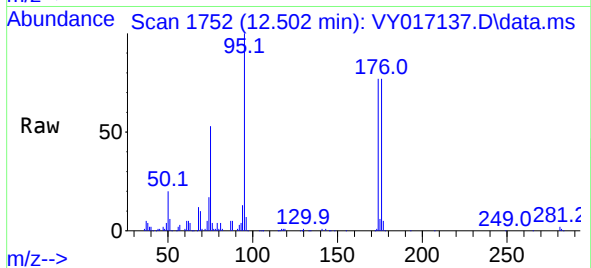




#76
1,2,3-Trichloropropane
Concen: 41.938 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

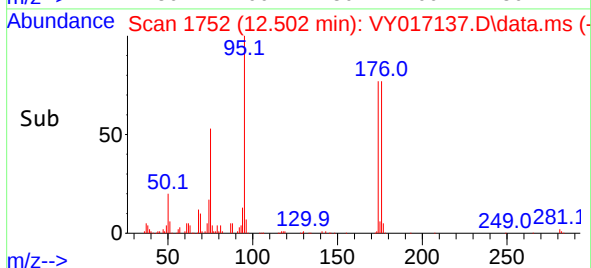
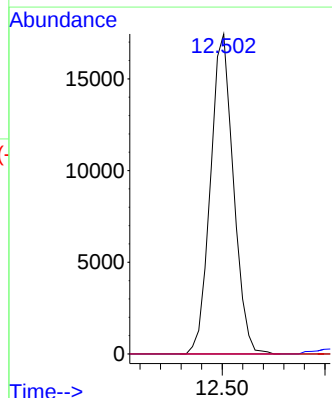
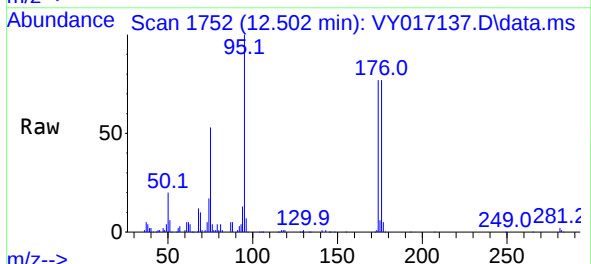
Instrument :
MSVOA_Y
ClientSampleId :

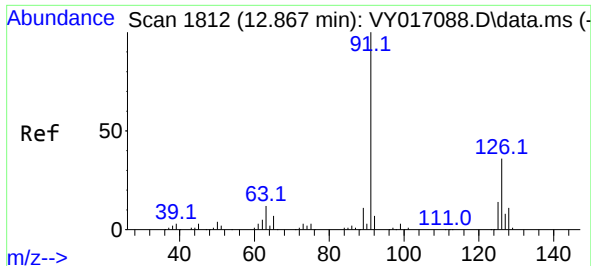
Tgt Ion: 75 Resp: 27033
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 108.574 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.117 min
Lab File: VY017137.D
Acq: 30 Jan 2024 12:41

Tgt Ion: 75 Resp: 27033
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#82

4-Chlorotoluene

Concen: 4.450 ug/l

RT: 12.910 min Scan# 11

Delta R.T. 0.049 min

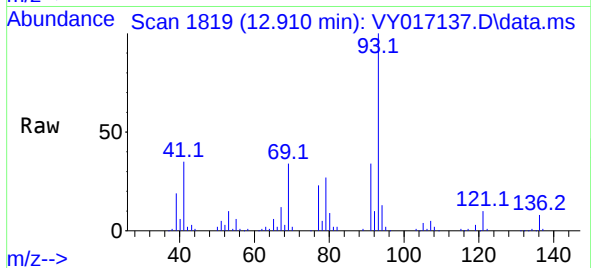
Lab File: VY017137.D

Acq: 30 Jan 2024 12:41

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 91 Resp: 13290

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#

