

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017009.D
 Acq On : 17 Jan 2024 14:38
 Operator : SY/MD
 Sample : P1117-05
 Misc : 3.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 15:16:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

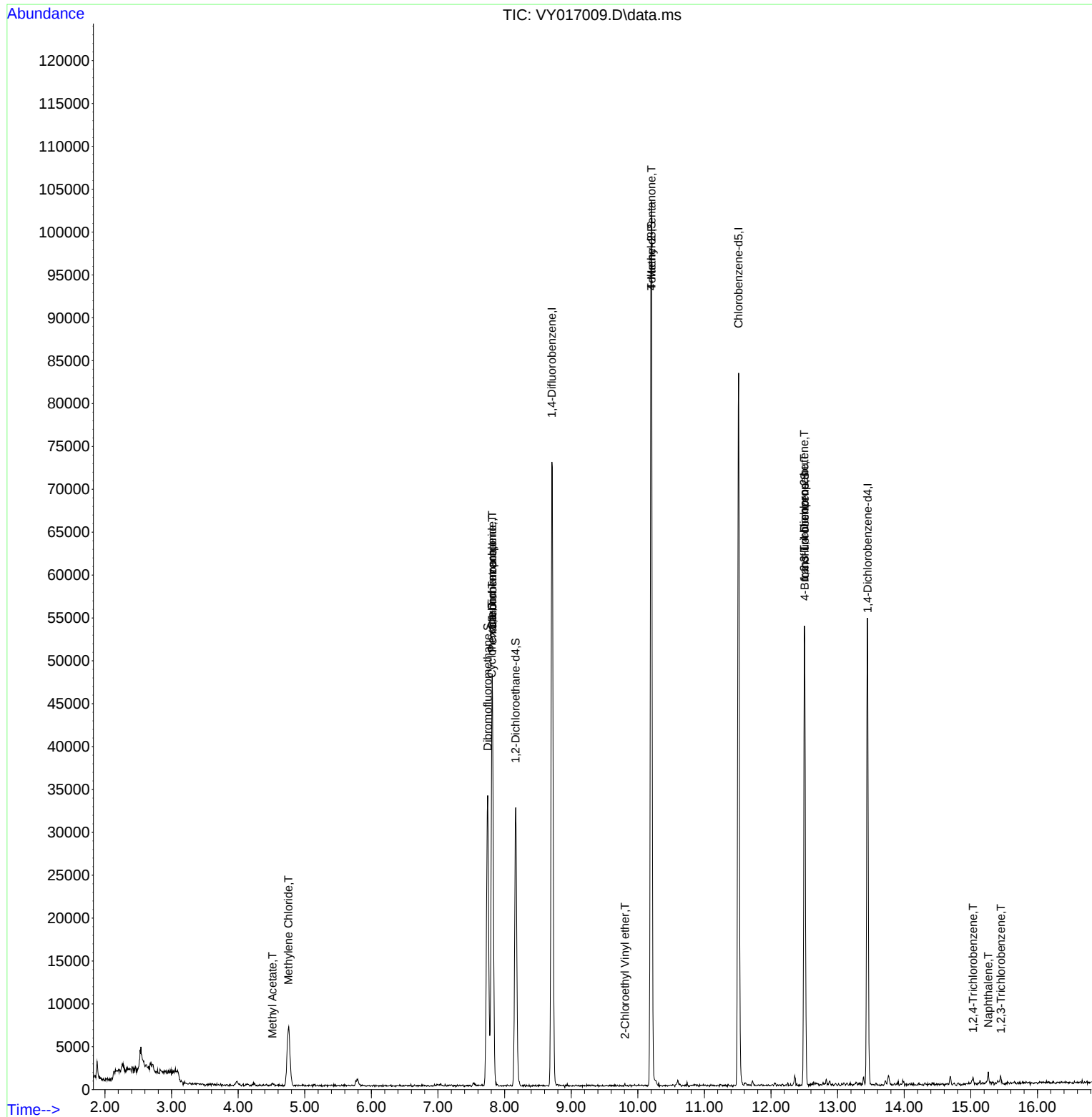
Internal Standards						
1) Pentafluorobenzene	7.819	168	36782	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	63679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	47522	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	13664	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	25205	69.332	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.660%
35) Dibromofluoromethane	7.746	113	24365	60.044	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.080%
50) Toluene-d8	10.203	98	68705	49.169	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.508	95	17617	37.368	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.740%
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	942	Below Cal	#	81
18) Methyl Acetate	4.515	43	545	1.399	ug/l #	51
20) Methylene Chloride	4.753	84	5446	5.123	ug/l	96
25) 2-Butanone	7.021	43	45	Below Cal	#	48
31) Cyclohexane	7.807	56	884	1.417	ug/l #	1
36) 1,1-Dichloropropene	7.813	75	3042	5.144	ug/l #	48
38) Carbon Tetrachloride	7.813	117	3906	6.501	ug/l #	17
51) 4-Methyl-2-Pentanone	10.203	43	282	1.030	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.807	63	34	17.611	ug/l #	47
76) 1,2,3-Trichloropropane	12.502	75	9467	63.846	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.502	75	9467	144.978	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.032	180	399	1.930	ug/l	86
95) Naphthalene	15.263	128	1327	4.407	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.452	180	397	2.261	ug/l	90

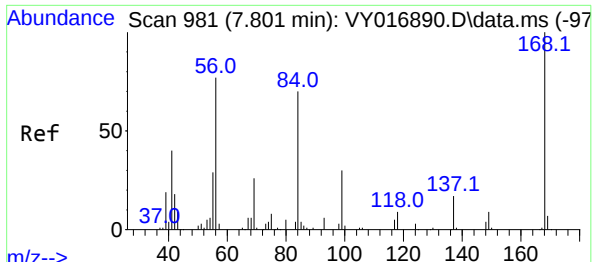
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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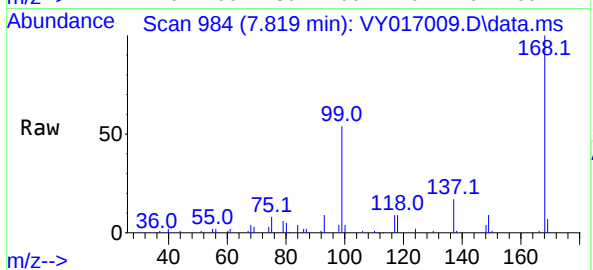
Quant Time: Jan 17 15:16:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



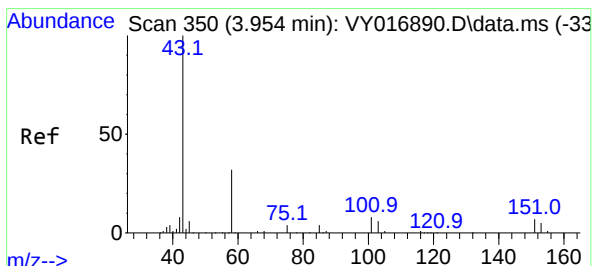
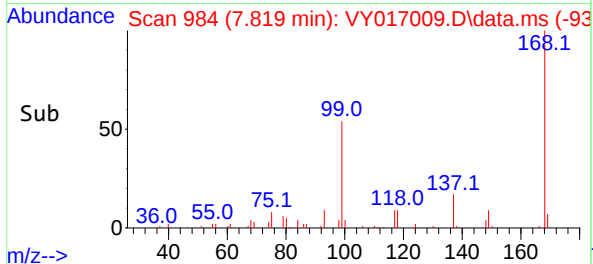
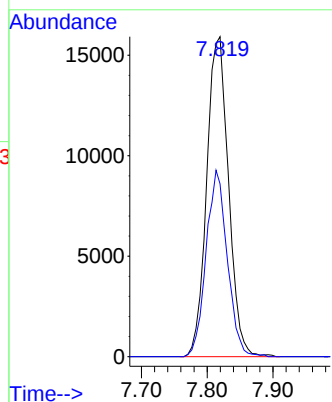


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

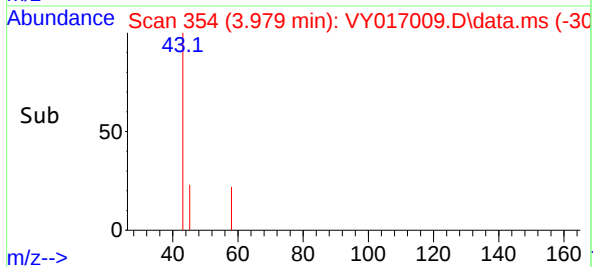
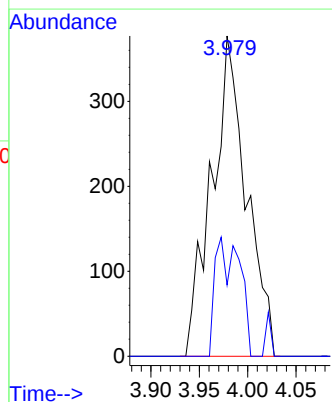
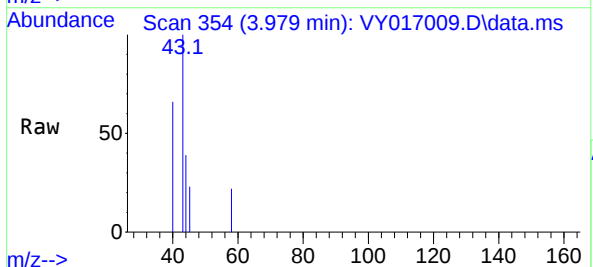


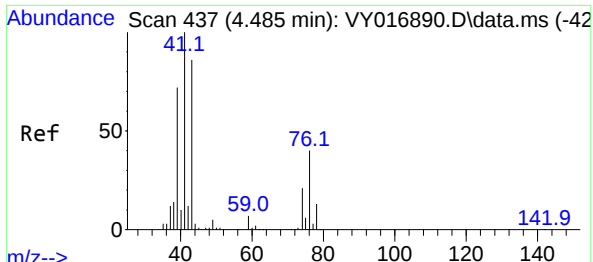
Tgt Ion:168 Resp: 36782
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 22.3 26.6 39.8#

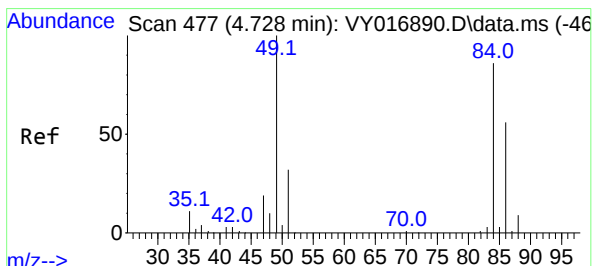
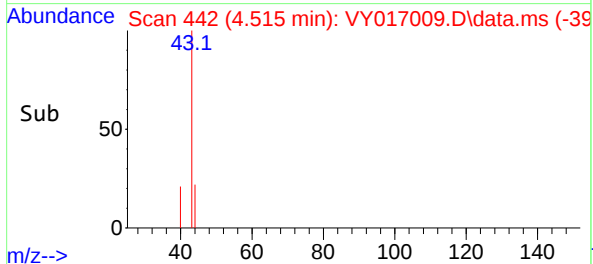
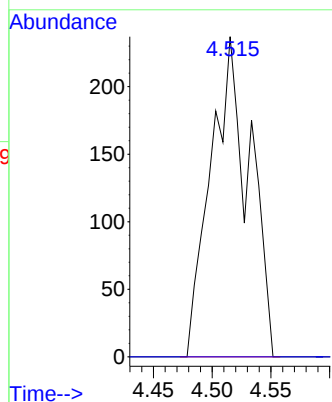
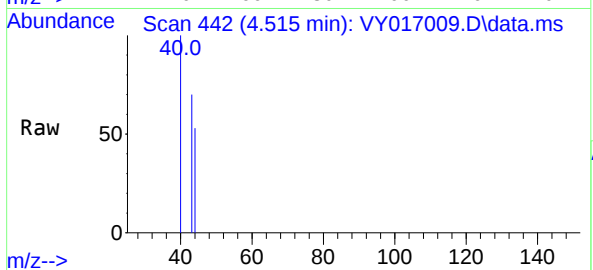




#18
Methyl Acetate
Concen: 1.399 ug/l
RT: 4.515 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

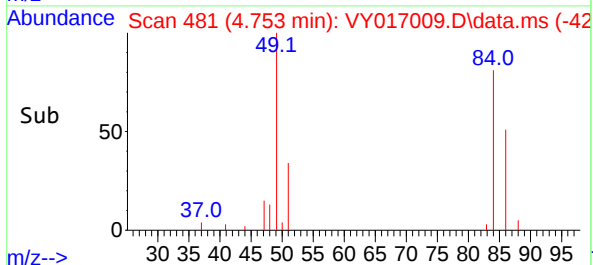
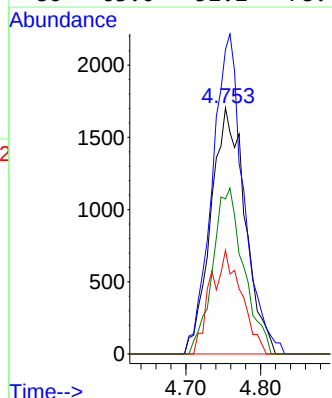
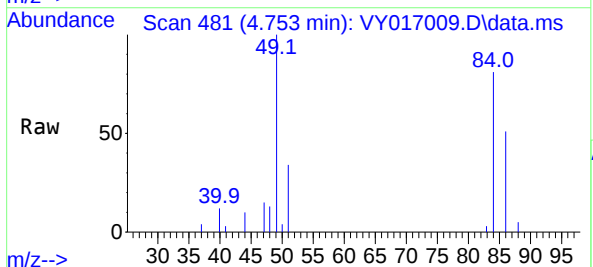
Instrument :
MSVOA_Y
ClientSampleId :

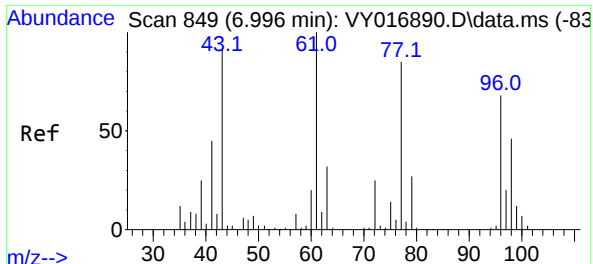
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#20
Methylene Chloride
Concen: 5.123 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion: 84 Resp: 5446
Ion Ratio Lower Upper
84 100
49 123.8 95.2 142.8
51 42.1 29.9 44.9
86 63.0 52.2 78.4

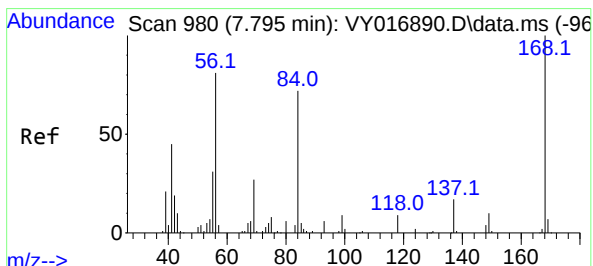
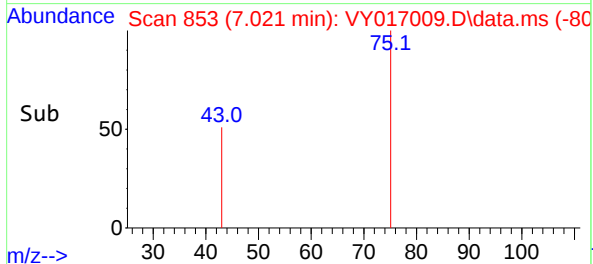
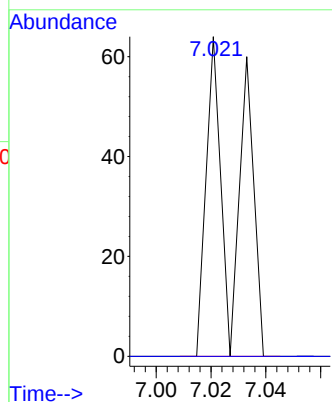
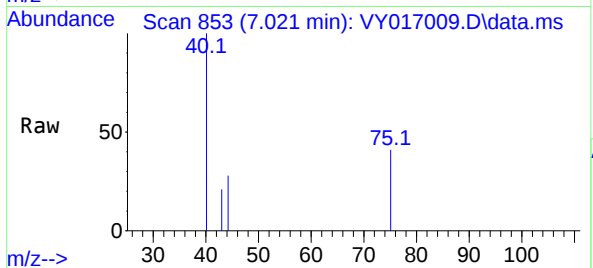




#25
2-Butanone
Concen: Below Cal
RT: 7.021 min Scan# 81
Delta R.T. 0.025 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

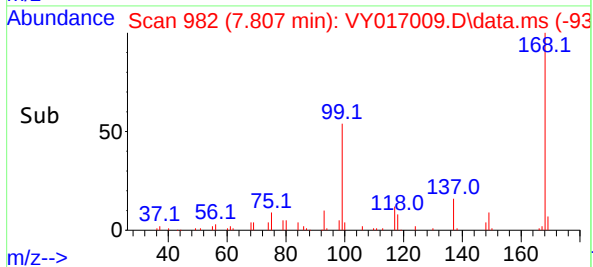
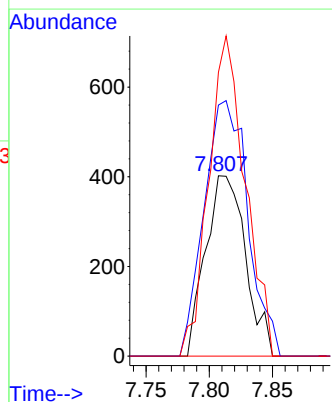
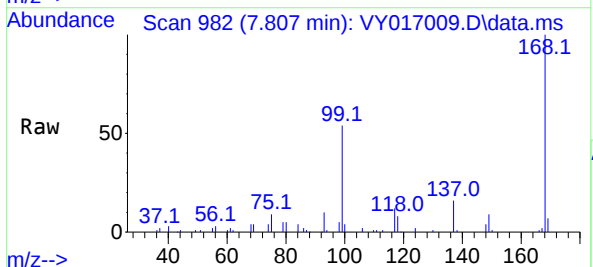
Instrument :
MSVOA_Y
ClientSampleId :

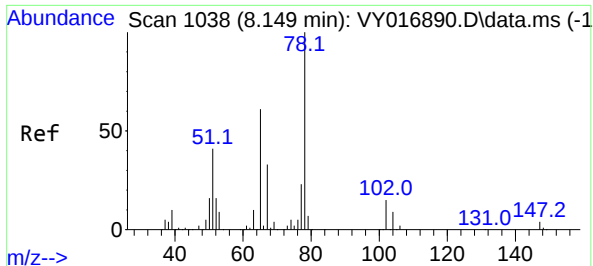
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.417 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion: 56 Resp: 884
Ion Ratio Lower Upper
56 100
69 139.3 27.0 40.6#
84 157.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 69.332 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017009.D

Acq: 17 Jan 2024 14:38

Instrument :

MSVOA_Y

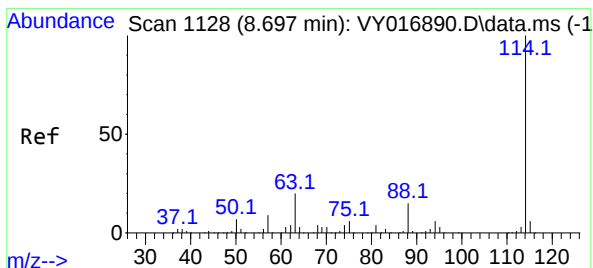
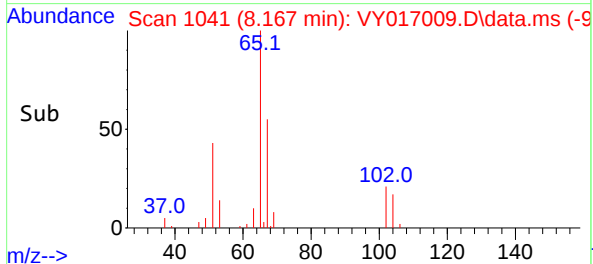
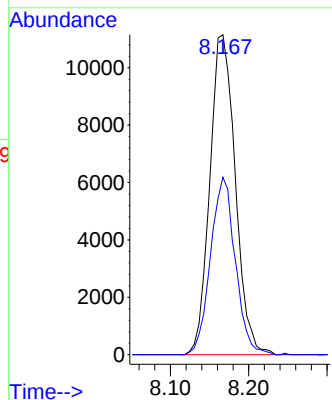
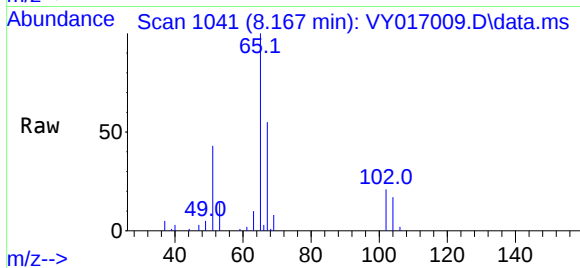
ClientSampleId :

Tgt Ion: 65 Resp: 25205

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY017009.D

Acq: 17 Jan 2024 14:38

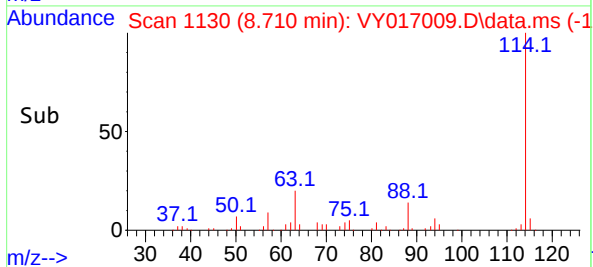
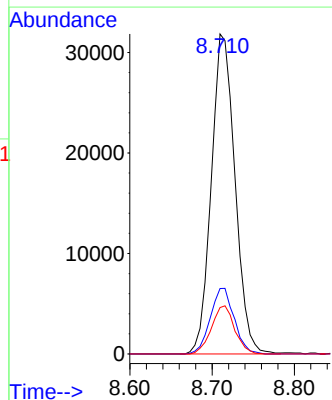
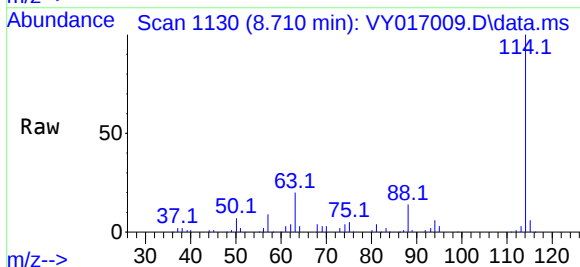
Tgt Ion: 114 Resp: 63679

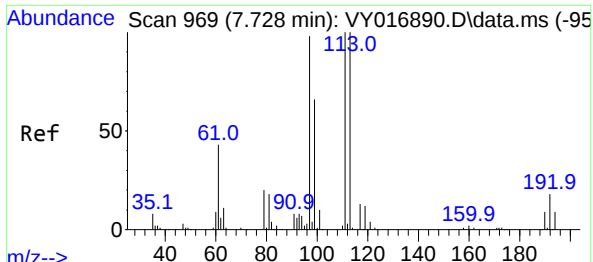
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

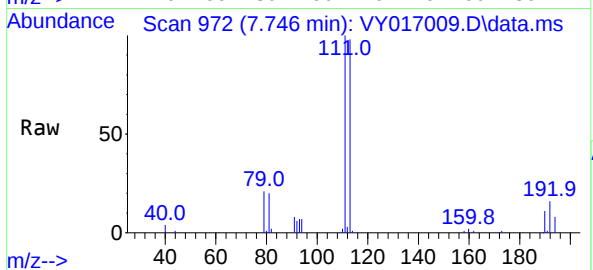
88 14.5 0.0 29.0



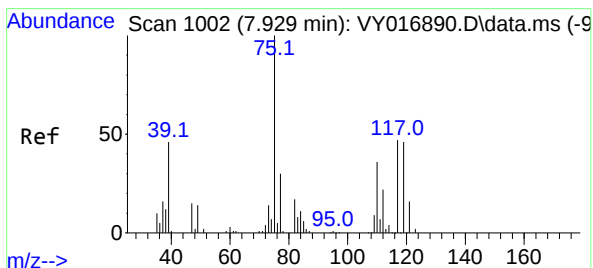
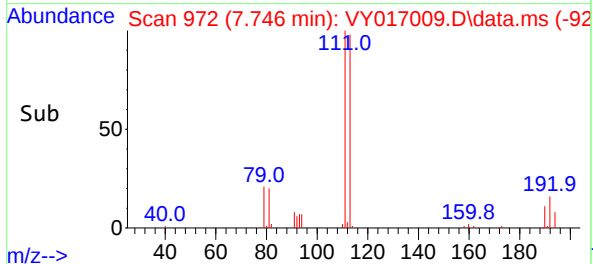
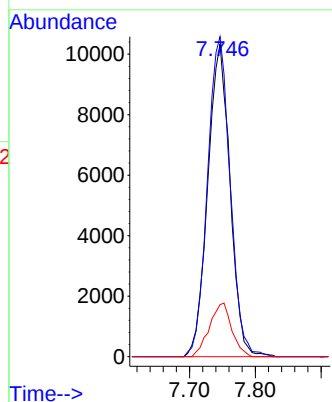


#35
Dibromofluoromethane
Concen: 60.044 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

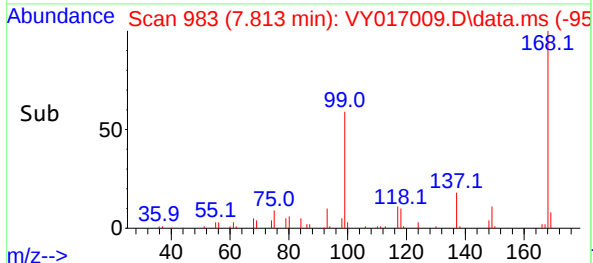
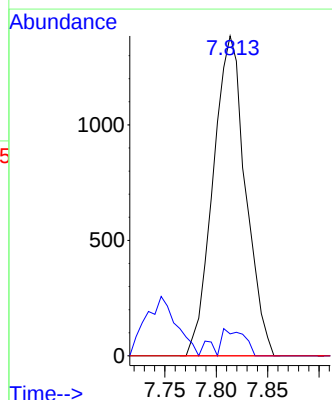
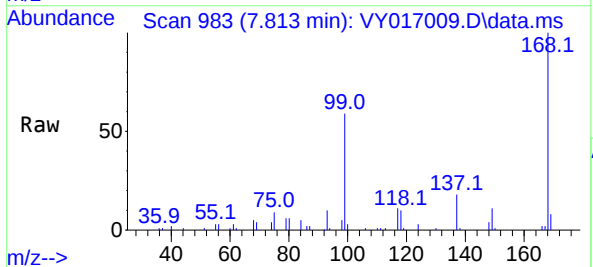


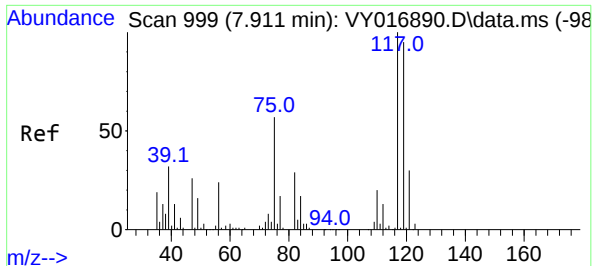
Tgt Ion:113 Resp: 24365
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.144 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

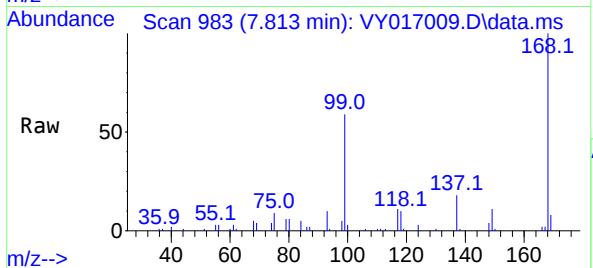
Tgt Ion: 75 Resp: 3042
Ion Ratio Lower Upper
75 100
110 7.2 17.4 52.3#
77 0.0 24.7 37.1#



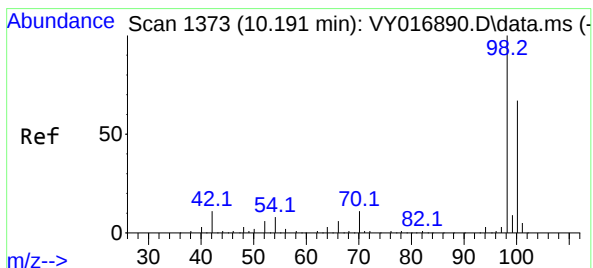
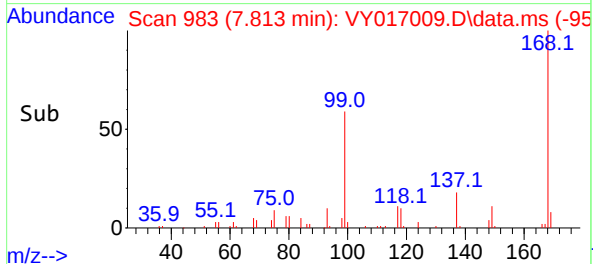
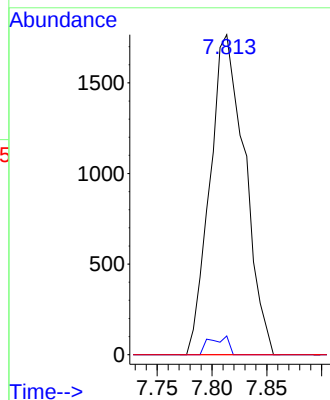


#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

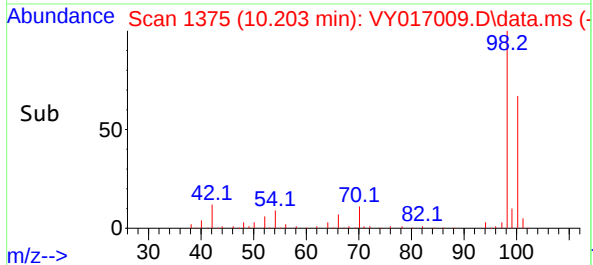
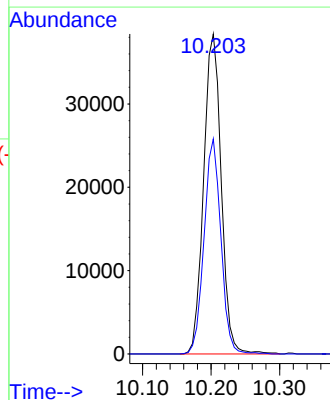
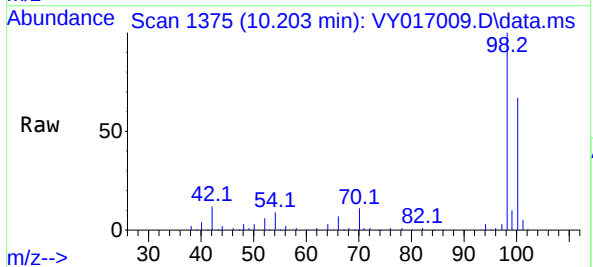


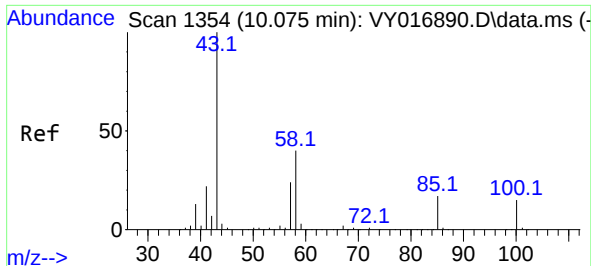
Tgt Ion:117 Resp: 3906
Ion Ratio Lower Upper
117 100
119 5.8 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.169 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion: 98 Resp: 68705
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

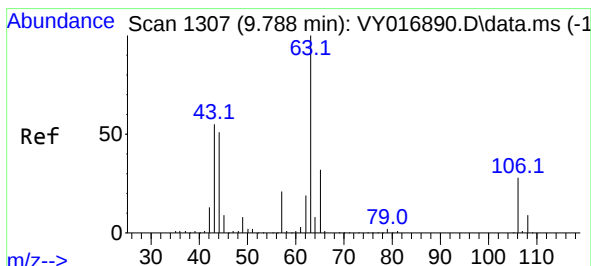
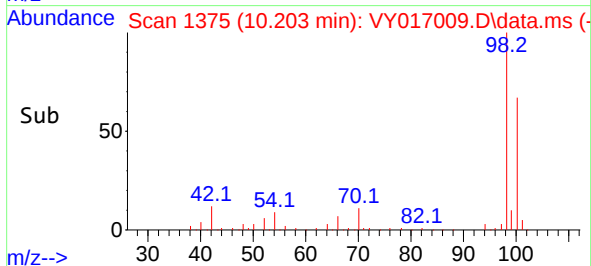
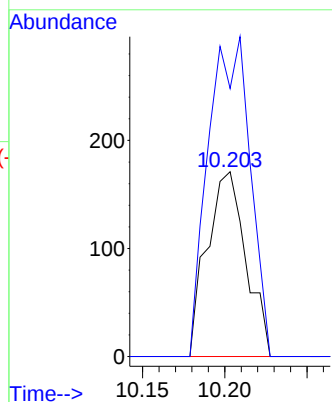
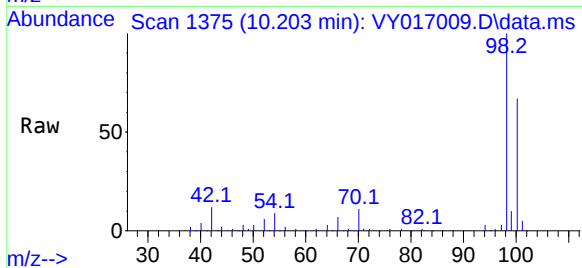




#51
4-Methyl-2-Pentanone
Concen: 1.030 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.122 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

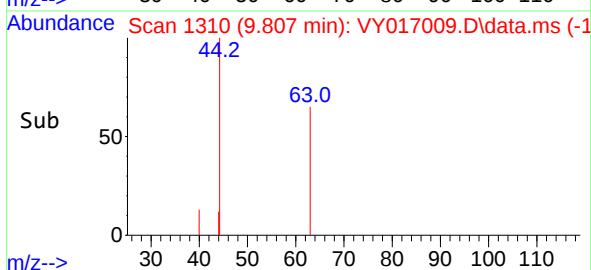
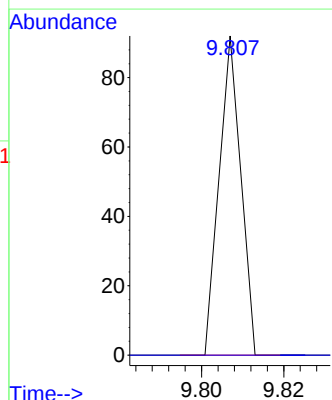
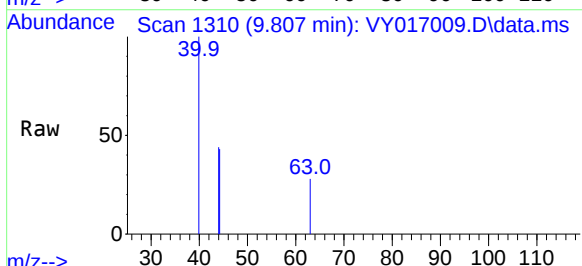
Instrument :
MSVOA_Y
ClientSampleId :

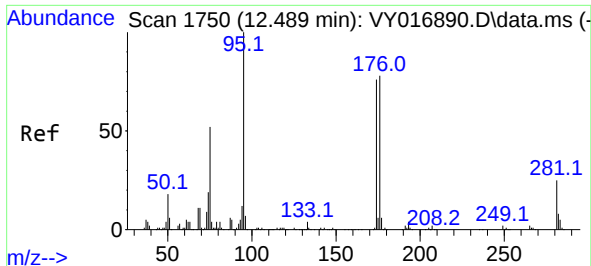
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 185.5 32.2 48.2#



#58
2-Chloroethyl Vinyl ether
Concen: 17.611 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion: 63 Resp: 34
Ion Ratio Lower Upper
63 100
106 0.0 22.4 33.6#

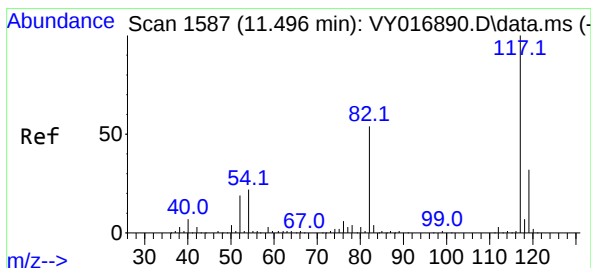
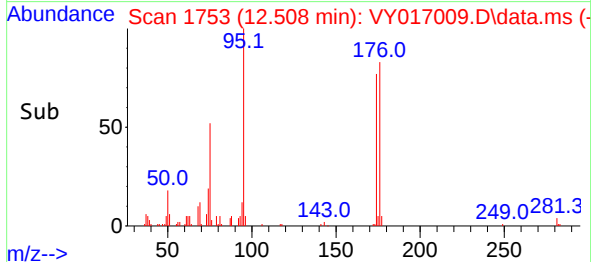
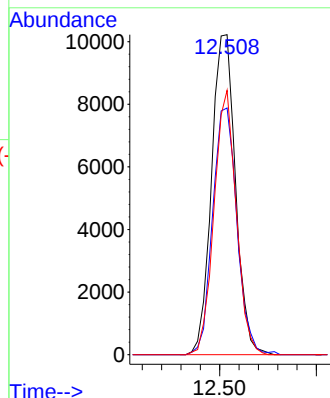
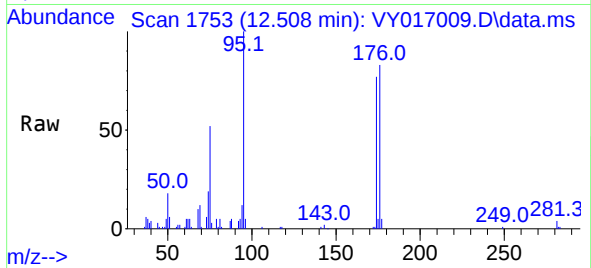




#62
4-Bromofluorobenzene
Concen: 37.368 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

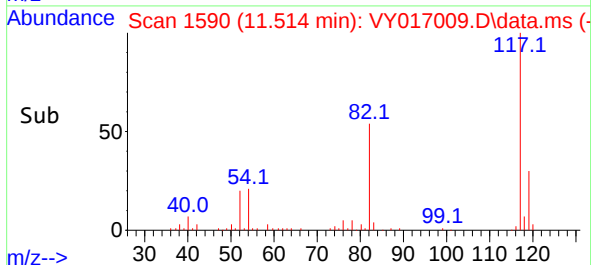
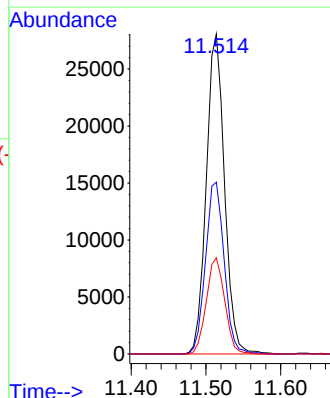
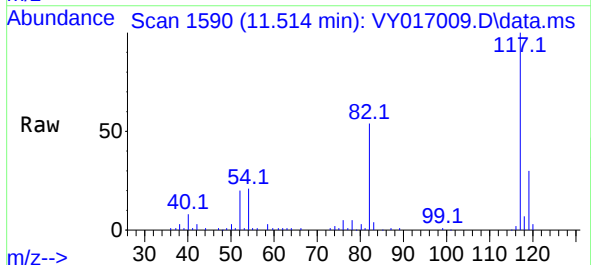
Instrument :
MSVOA_Y
ClientSampleId :

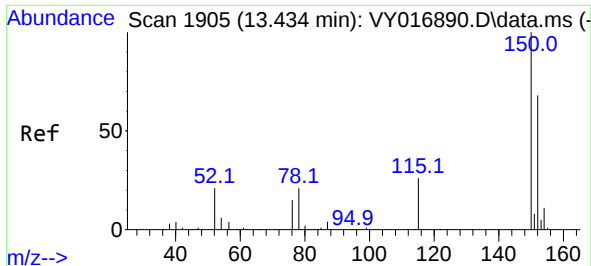
Tgt Ion:	95	Resp:	17617
Ion	Ratio	Lower	Upper
95	100		
174	78.1	0.0	160.0
176	76.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion:	117	Resp:	47522
Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.8
119	30.1	26.5	39.7

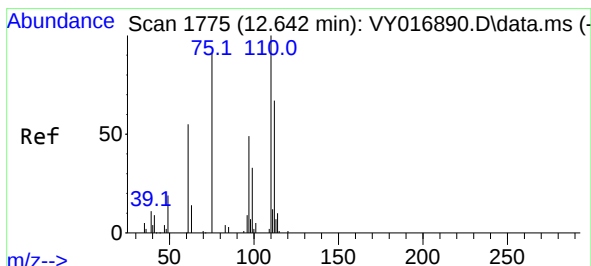
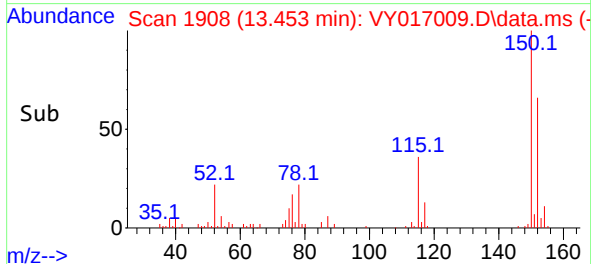
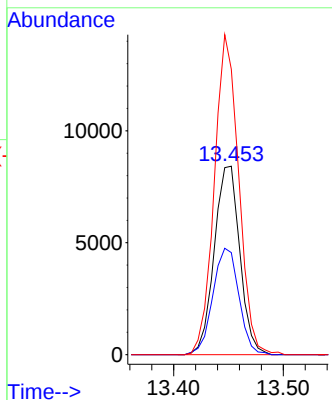
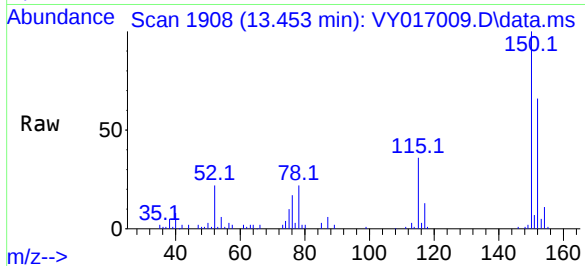




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

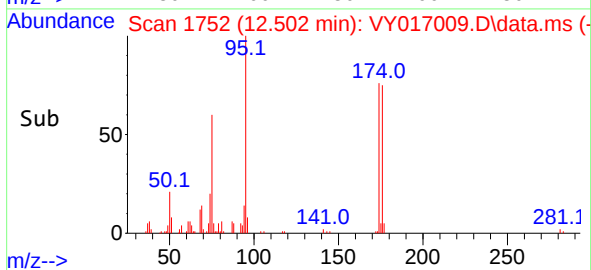
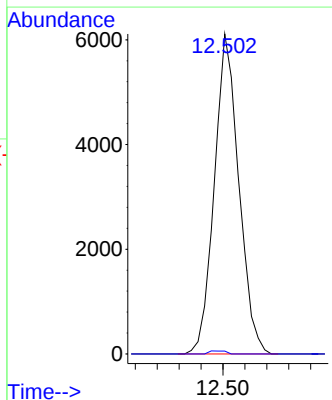
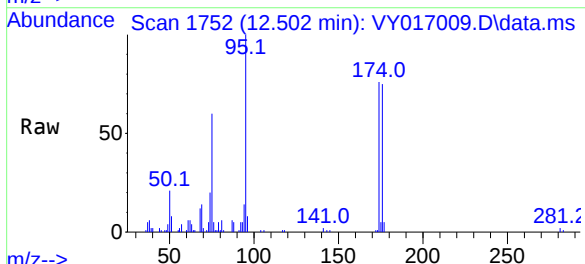
Instrument :
MSVOA_Y
ClientSampleId :

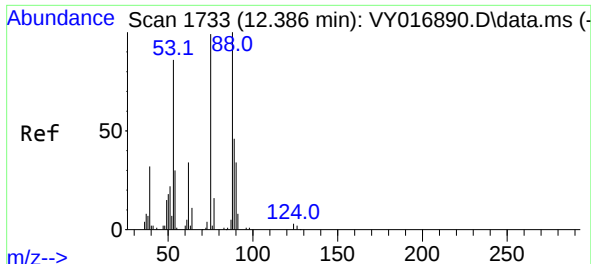
Tgt Ion:152 Resp: 13664
Ion Ratio Lower Upper
152 100
115 57.5 30.0 90.0
150 161.9 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 63.846 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

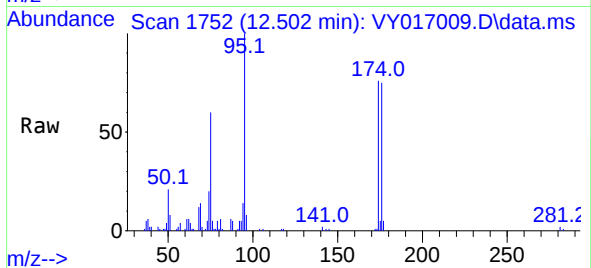
Tgt Ion: 75 Resp: 9467
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



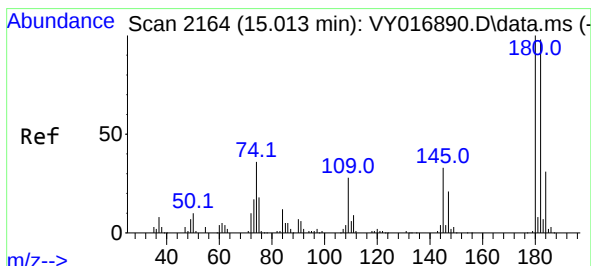
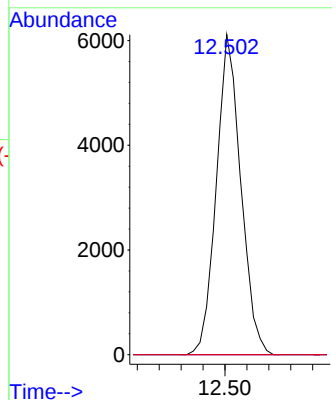
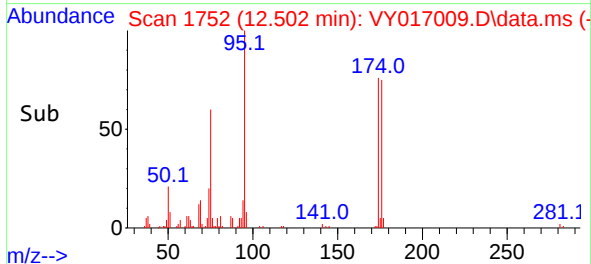


#81
trans-1,4-Dichloro-2-butene
Concen: 144.978 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.117 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

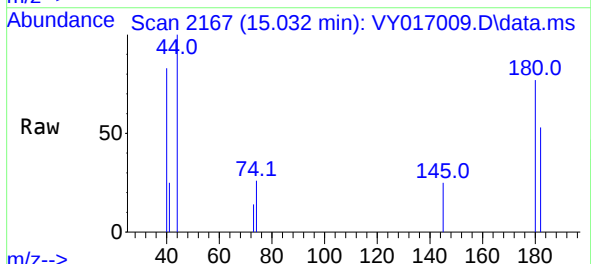
Instrument :
MSVOA_Y
ClientSampleId :



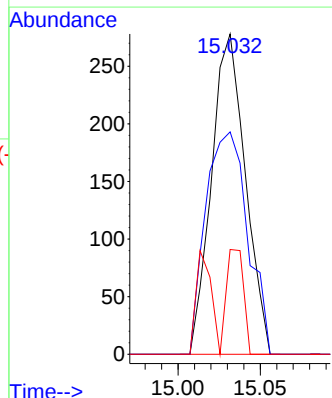
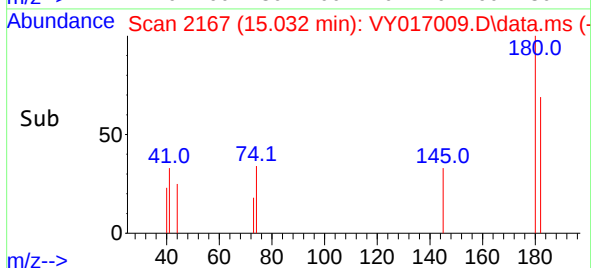
Tgt Ion: 75 Resp: 9467
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

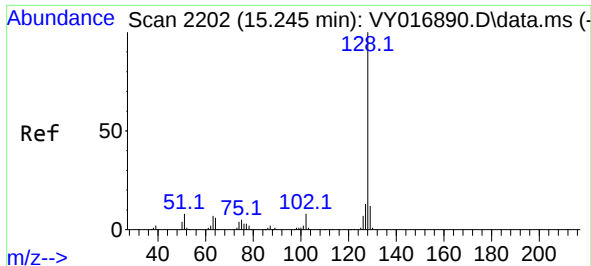


#93
1,2,4-Trichlorobenzene
Concen: 1.930 ug/l
RT: 15.032 min Scan# 2167
Delta R.T. 0.013 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38



Tgt Ion:180 Resp: 399
Ion Ratio Lower Upper
180 100
182 86.0 47.9 143.7
145 16.5 15.9 47.7

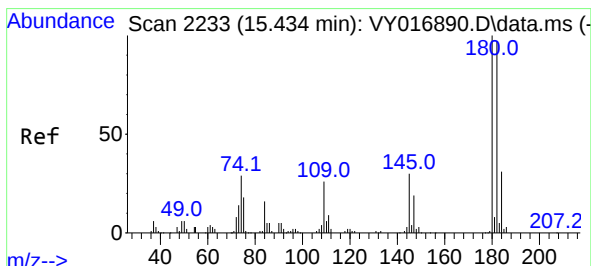
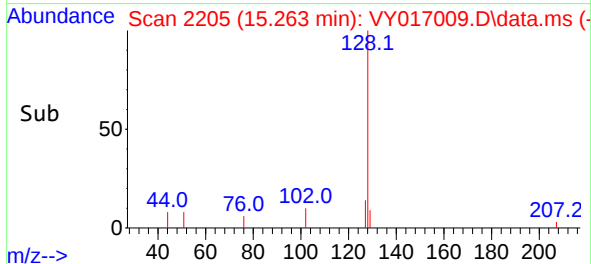
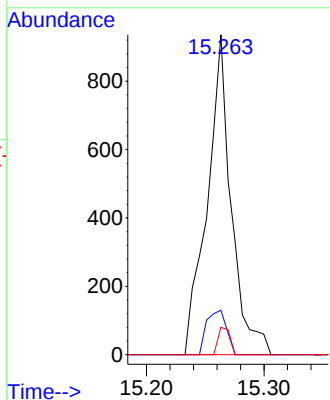
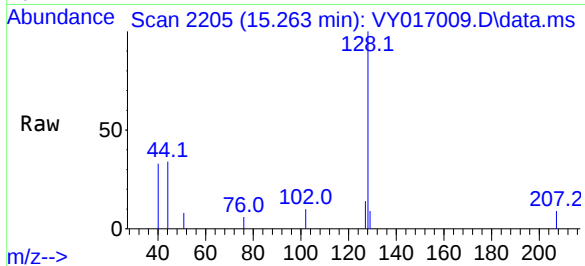




#95
Naphthalene
Concen: 4.407 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.018 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 1327
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.4
129 4.2 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 2.261 ug/l
RT: 15.452 min Scan# 2236
Delta R.T. 0.018 min
Lab File: VY017009.D
Acq: 17 Jan 2024 14:38

Tgt Ion:180 Resp: 397
Ion Ratio Lower Upper
180 100
182 84.1 46.3 138.8
145 40.6 16.1 48.2

