

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015035.D
 Acq On : 10 Aug 2023 18:13
 Operator : SY/MD
 Sample : 03954-16
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 01:57:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

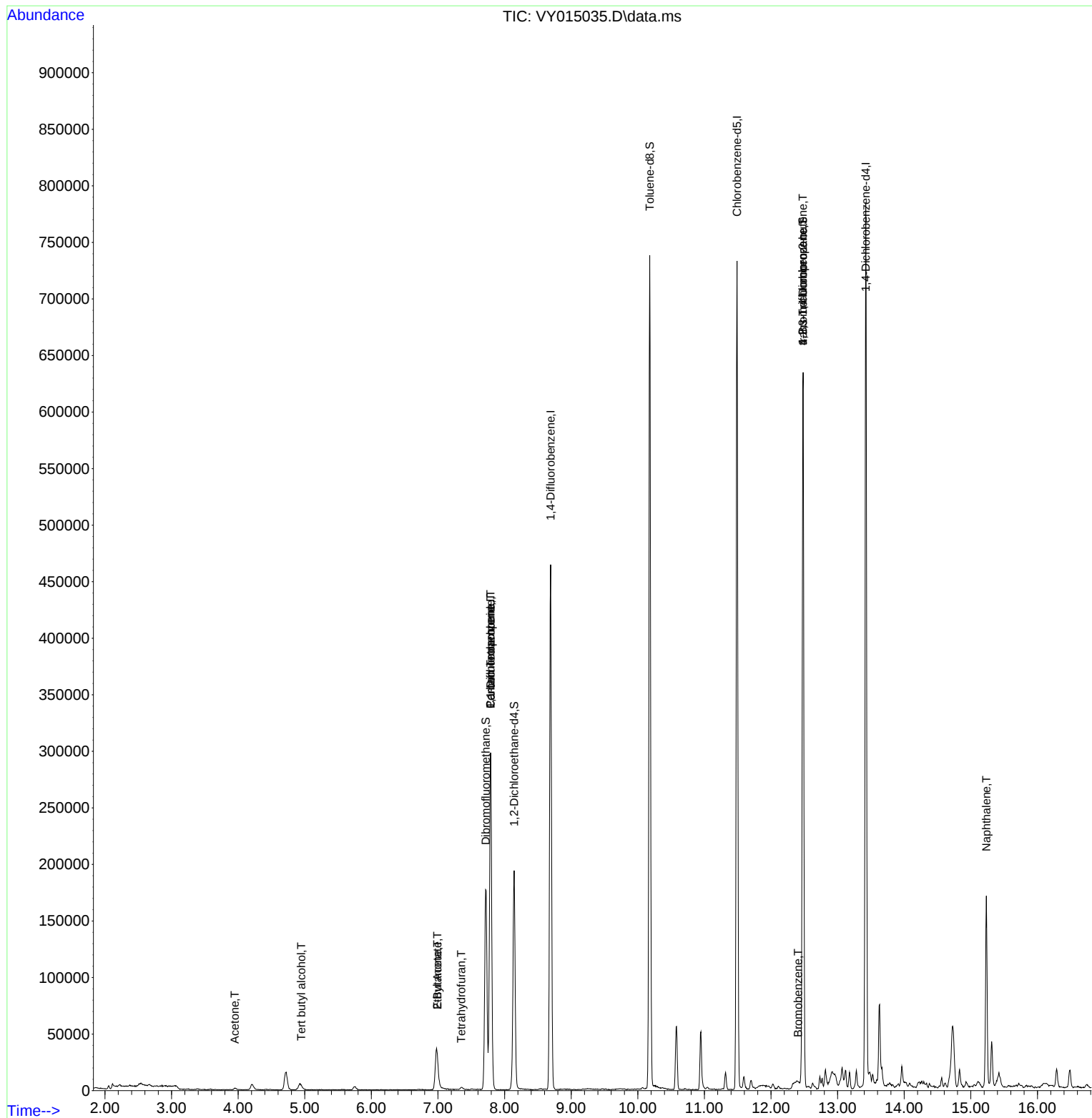
Internal Standards						
1) Pentafluorobenzene	7.789	168	235293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	394343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145689	51.086	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.180%			
35) Dibromofluoromethane	7.715	113	127177	49.677	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.360%			
50) Toluene-d8	10.178	98	474503	48.696	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.400%			
62) 4-Bromofluorobenzene	12.477	95	186030	53.867	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64	Below Cal	#	43
5) Bromomethane	2.655	94	703	Below Cal	#	70
11) Tert butyl alcohol	4.948	59	6048	8.787	ug/l #	92
16) Acetone	3.948	43	2433	2.736	ug/l #	85
20) Methylene Chloride	4.722	84	12423	Below Cal	#	84
25) 2-Butanone	6.990	43	4524	3.552	ug/l	100
29) Tetrahydrofuran	7.350	42	1594	2.134	ug/l	94
31) Cyclohexane	7.783	56	4613	Below Cal	#	5
36) 1,1-Dichloropropene	7.789	75	17893	5.630	ug/l #	51
37) Ethyl Acetate	6.990	43	4524	1.793	ug/l #	54
38) Carbon Tetrachloride	7.789	117	22884	6.404	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	98986	40.922	ug/l #	100
77) Bromobenzene	12.404	156	11957	3.633	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	98986	90.153	ug/l #	11
95) Naphthalene	15.232	128	134801	15.057	ug/l	98

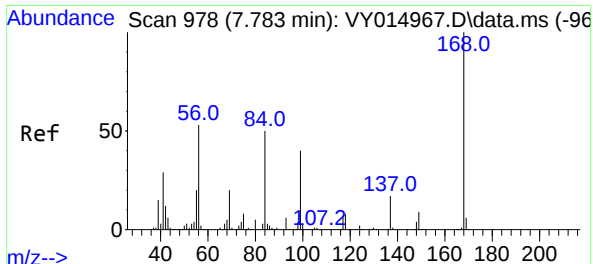
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015035.D
Acq On : 10 Aug 2023 18:13
Operator : SY/MD
Sample : 03954-16
Misc : 3.68g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 11 01:57:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 2023
Response via : Initial Calibration

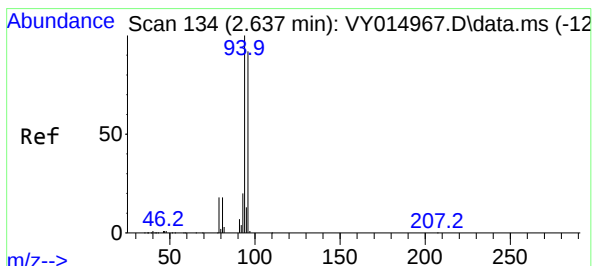
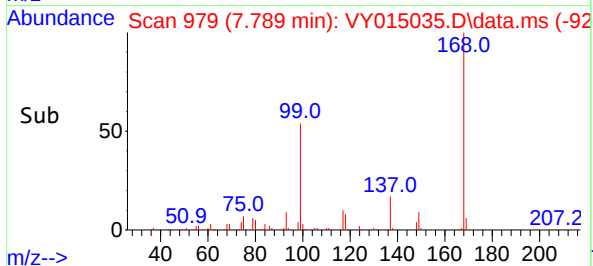
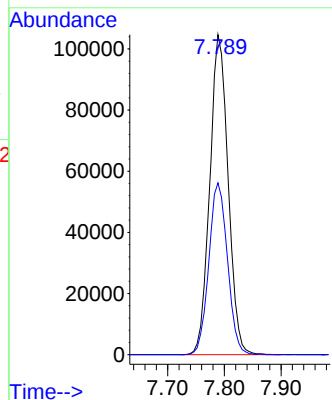
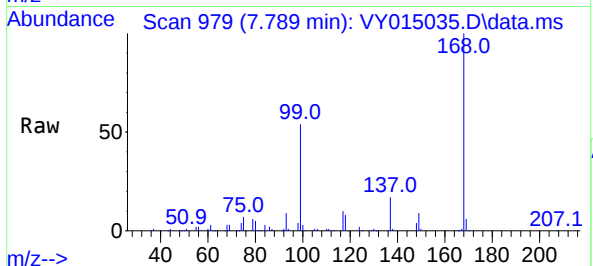




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

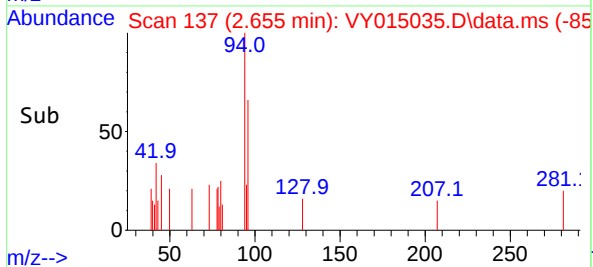
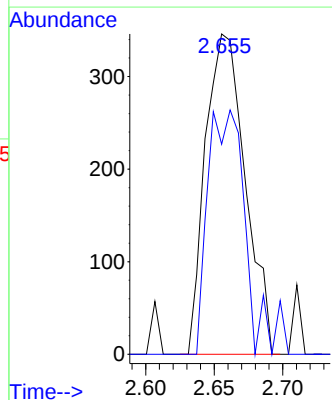
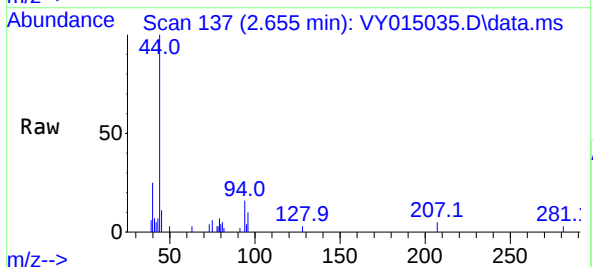
Instrument :
MSVOA_Y
ClientSampleId :

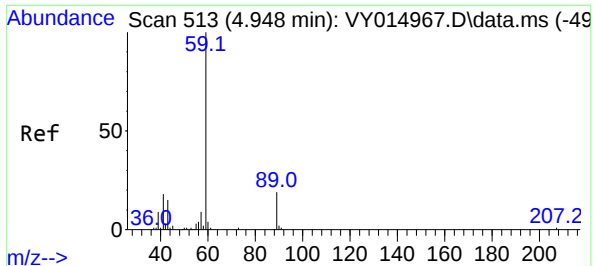
Tgt Ion:168 Resp: 235293
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.655 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Tgt Ion: 94 Resp: 703
Ion Ratio Lower Upper
94 100
96 65.6 75.8 113.6#

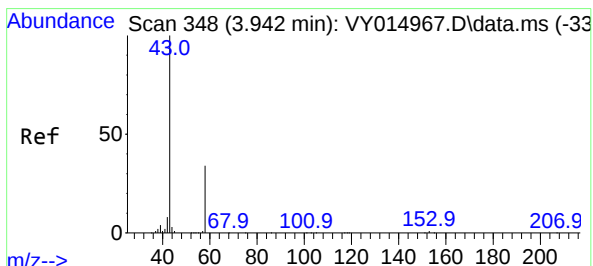
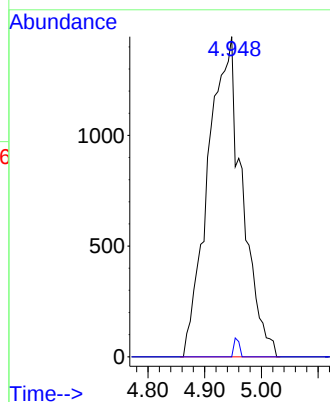




#11
Tert butyl alcohol
Concen: 8.787 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

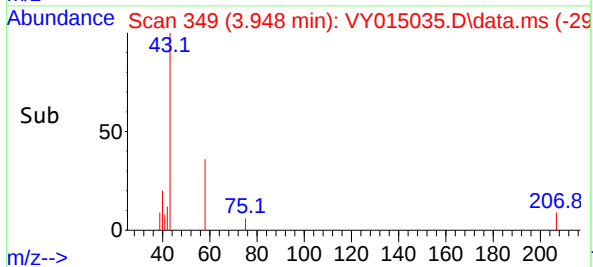
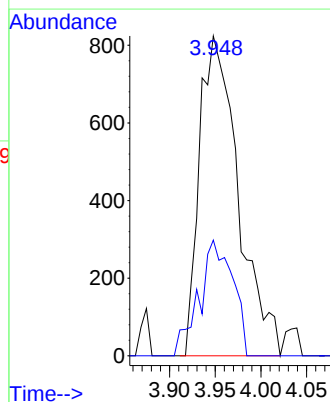
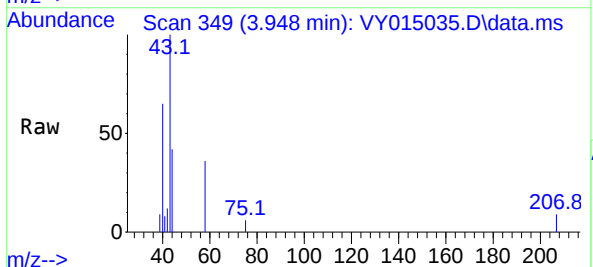
Instrument :
MSVOA_Y
ClientSampleId :

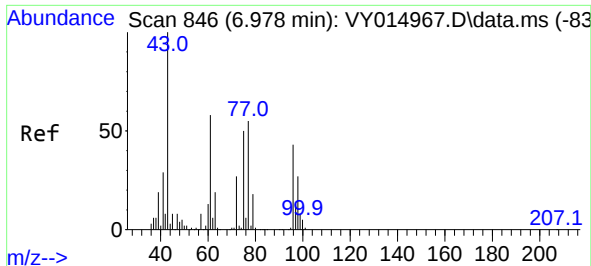
Tgt Ion: 59 Resp: 6048
Ion Ratio Lower Upper
59 100
57 0.9 3.0 4.4#



#16
Acetone
Concen: 2.736 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

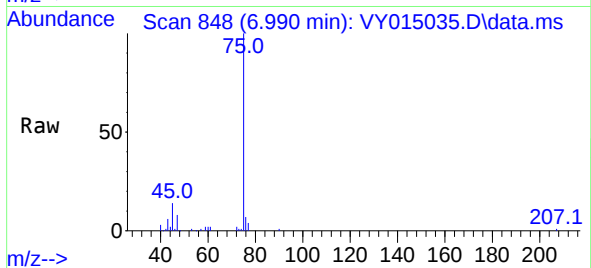
Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
58 36.2 22.7 34.1#



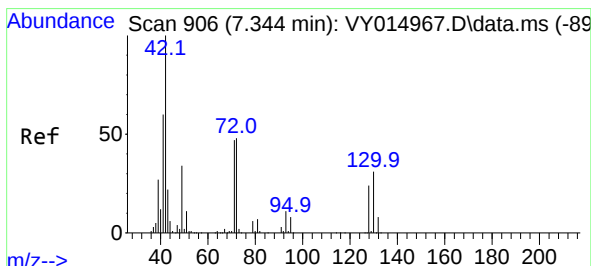
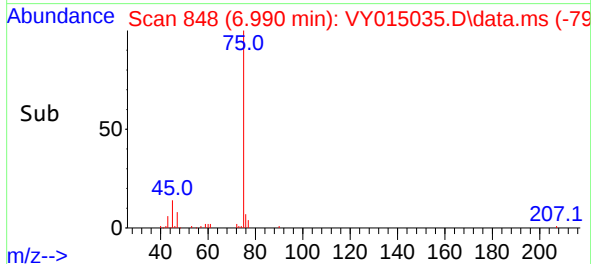
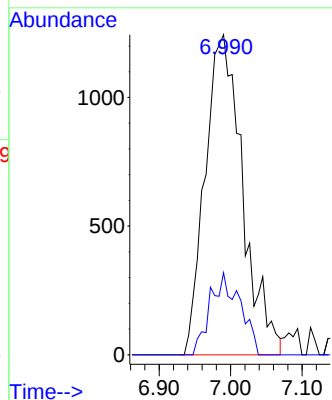


#25
2-Butanone
Concen: 3.552 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Instrument :
MSVOA_Y
ClientSampleId :

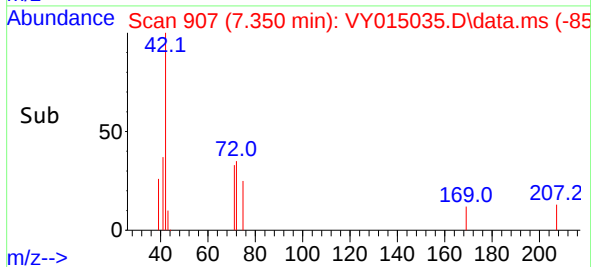
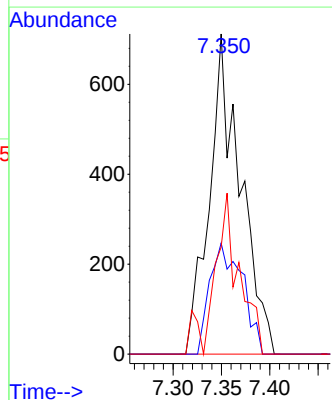
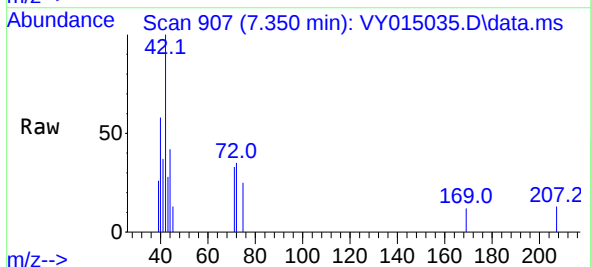


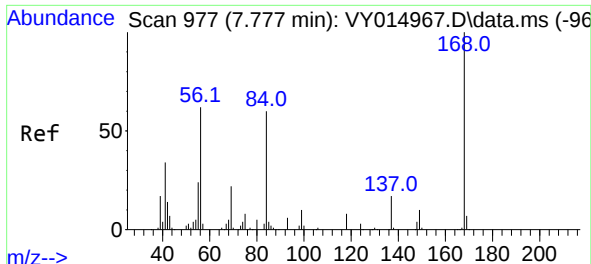
Tgt Ion: 43 Resp: 4524
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#29
Tetrahydrofuran
Concen: 2.134 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

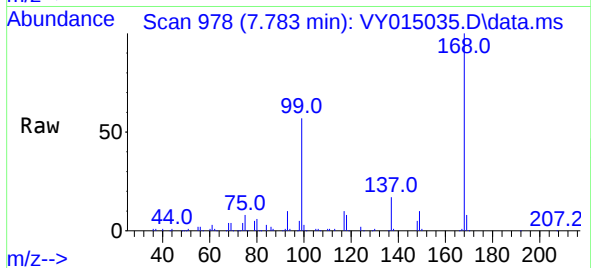
Tgt Ion: 42 Resp: 1594
Ion Ratio Lower Upper
42 100
72 36.1 32.8 49.2
71 36.3 31.0 46.4



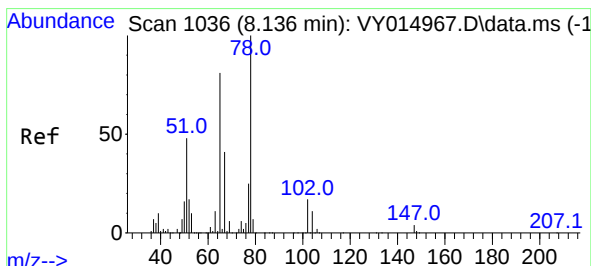
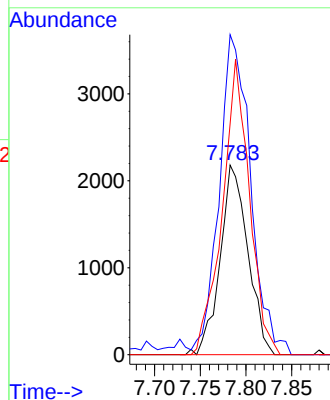
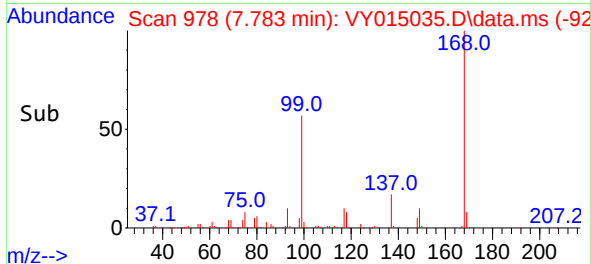


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

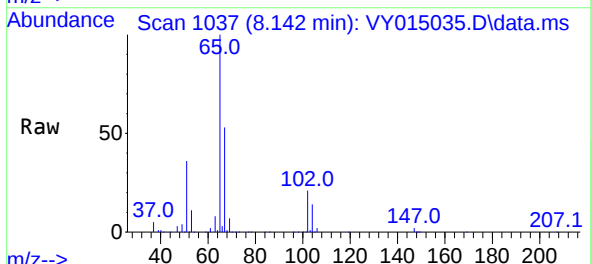
Instrument :
MSVOA_Y
ClientSampleId :



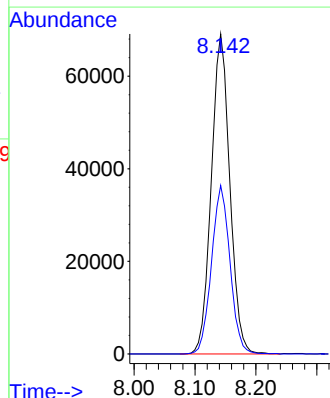
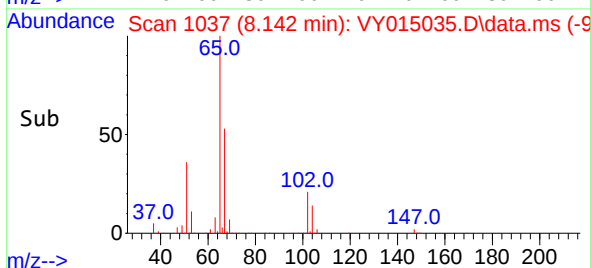
Tgt Ion: 56 Resp: 4613
Ion Ratio Lower Upper
56 100
69 161.2 27.8 41.6#
84 121.8 66.4 99.6#

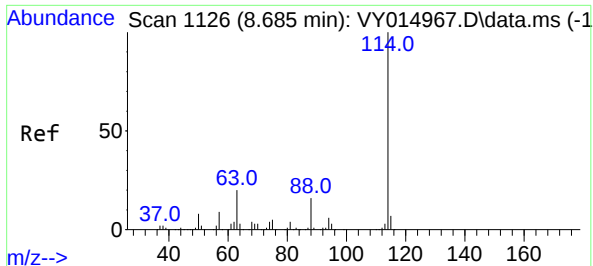


#33
1,2-Dichloroethane-d4
Concen: 51.086 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13



Tgt Ion: 65 Resp: 145689
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015035.D

Acq: 10 Aug 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

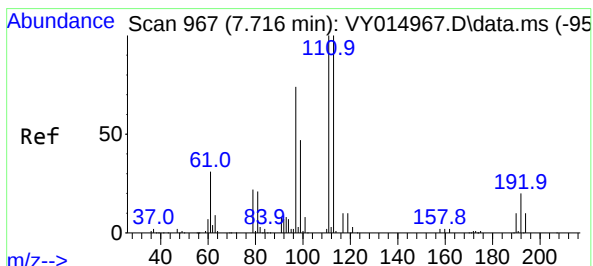
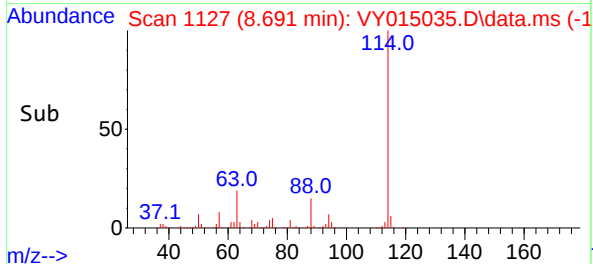
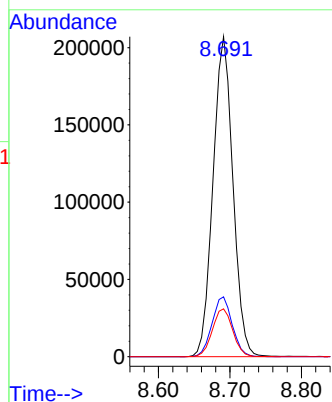
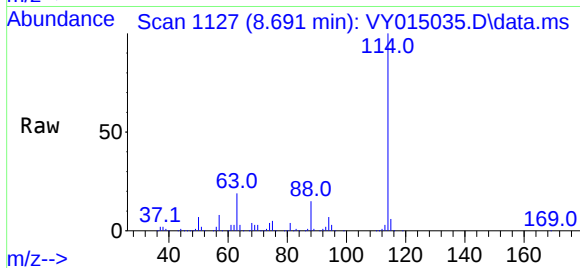
Tgt Ion:114 Resp: 400336

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.677 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015035.D

Acq: 10 Aug 2023 18:13

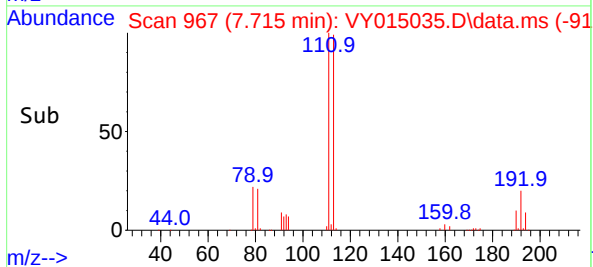
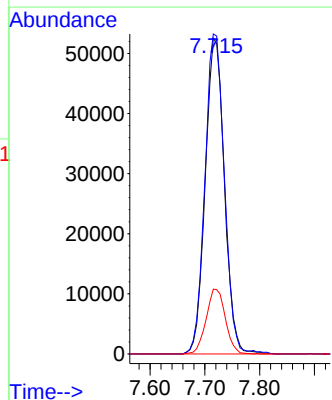
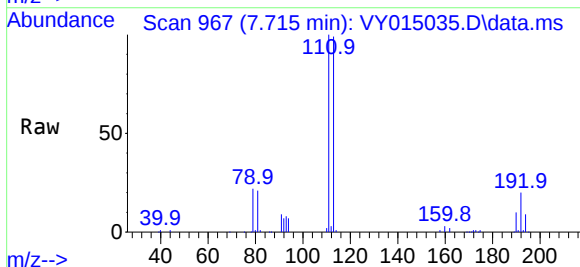
Tgt Ion:113 Resp: 127177

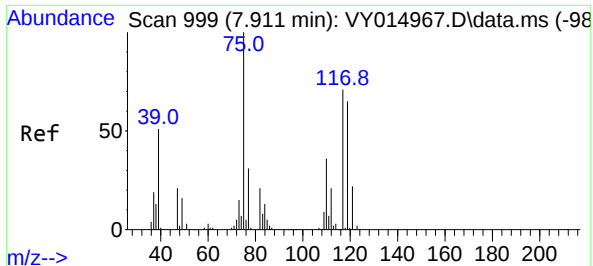
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

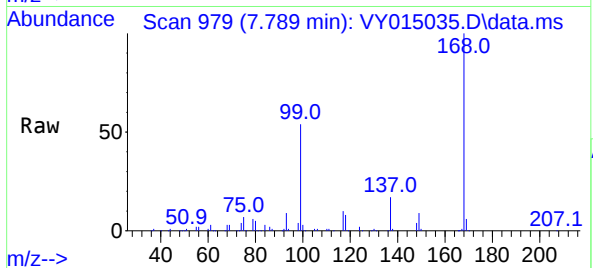
192 20.6 16.9 25.3



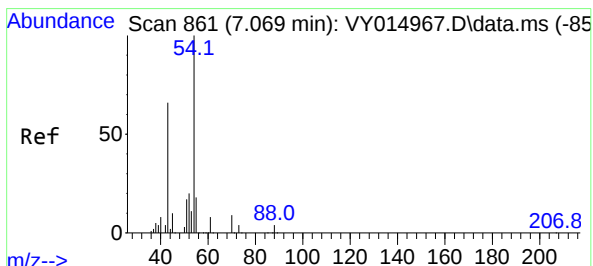
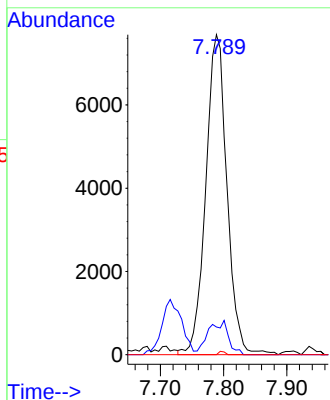
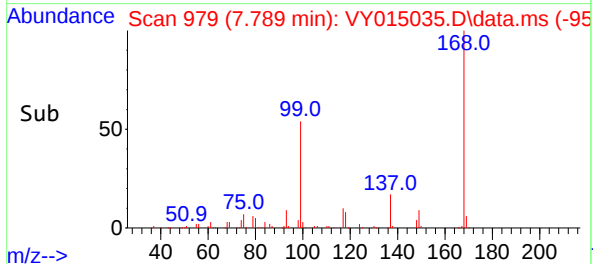


#36
1,1-Dichloropropene
Concen: 5.630 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

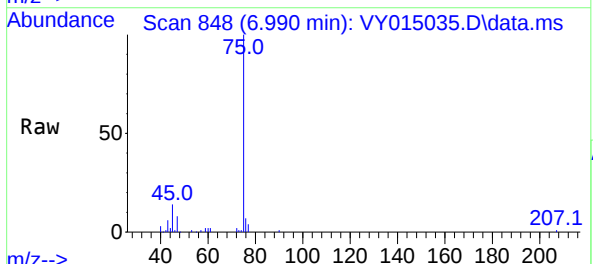
Instrument :
MSVOA_Y
ClientSampleId :



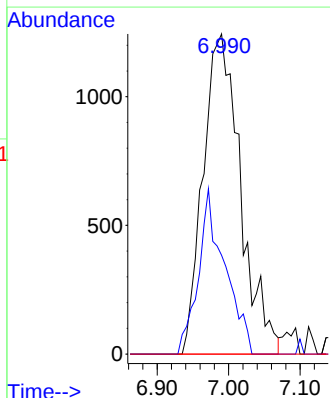
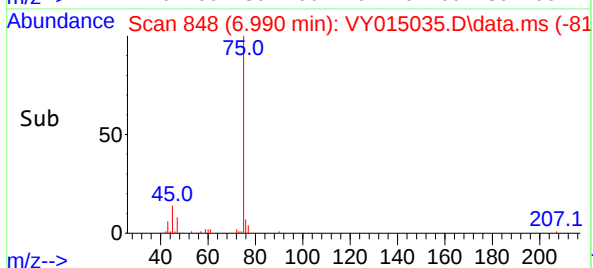
Tgt Ion: 75 Resp: 17893
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.3 24.4 36.6#

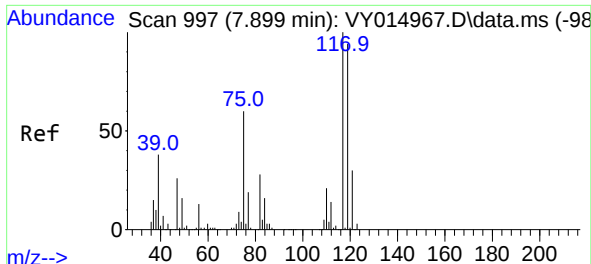


#37
Ethyl Acetate
Concen: 1.793 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13



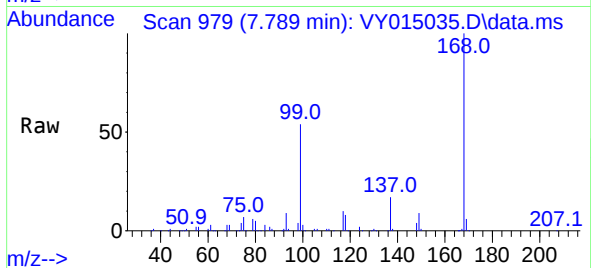
Tgt Ion: 43 Resp: 4524
Ion Ratio Lower Upper
43 100
61 36.5 10.1 15.1#
70 0.0 7.1 10.7#



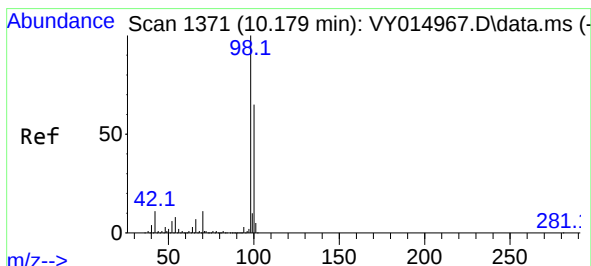
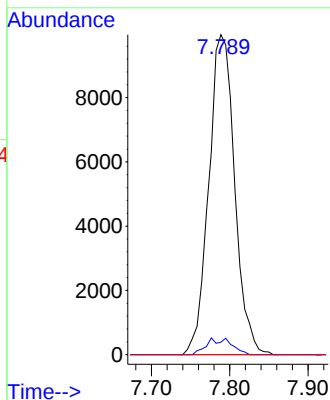
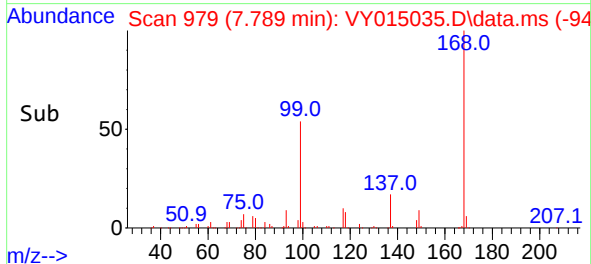


#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Instrument :
MSVOA_Y
ClientSampleId :

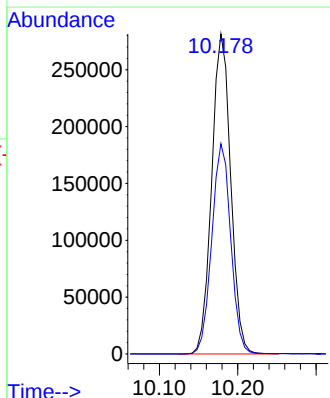
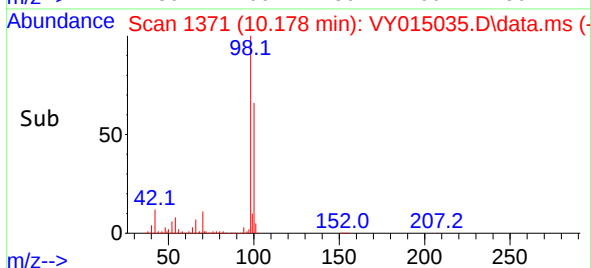
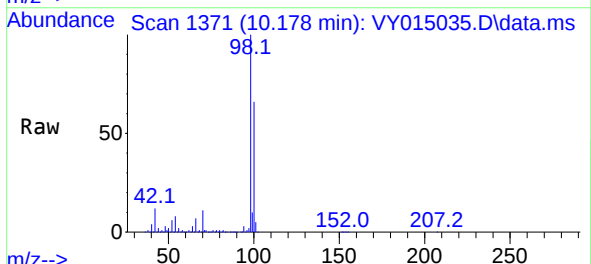


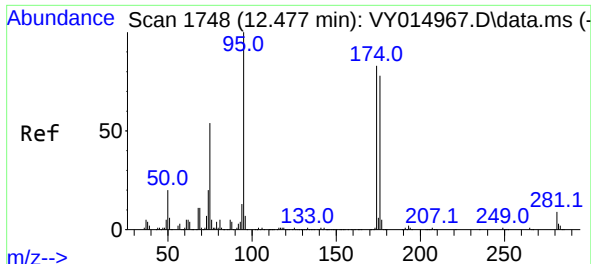
Tgt Ion:117 Resp: 22884
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.696 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Tgt Ion: 98 Resp: 474503
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

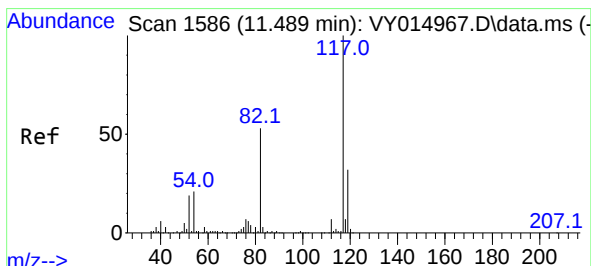
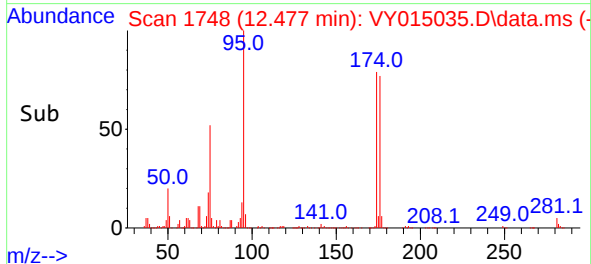
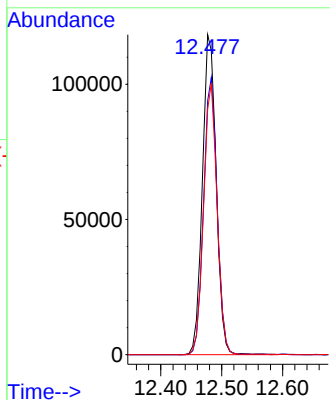
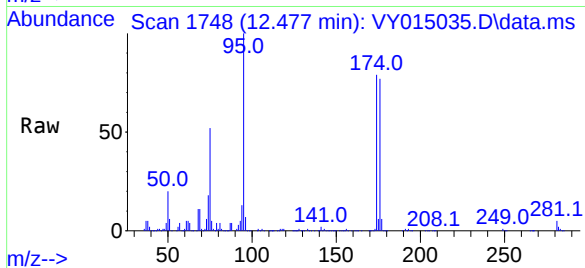




#62
4-Bromofluorobenzene
Concen: 53.867 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

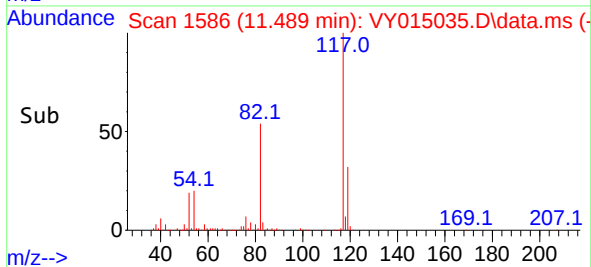
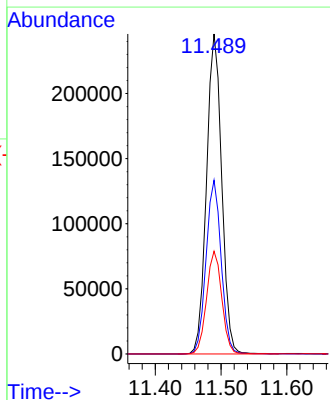
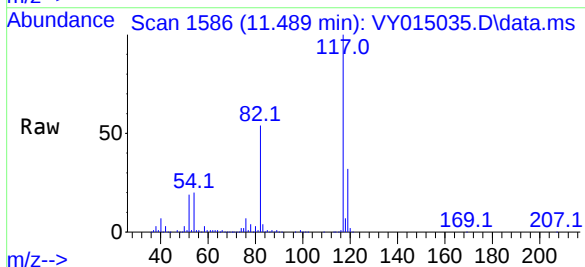
Instrument :
MSVOA_Y
ClientSampleId :

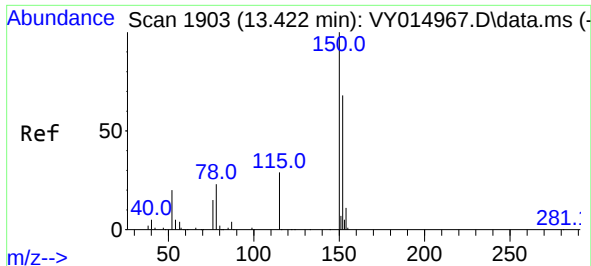
Tgt Ion: 95 Resp: 186030
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

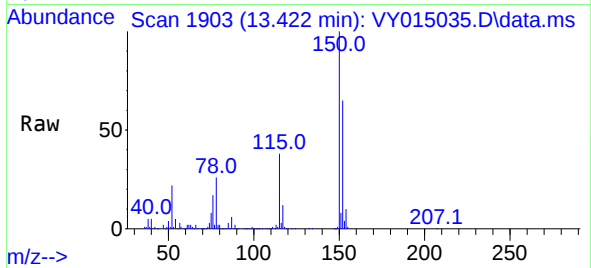
Tgt Ion: 117 Resp: 394343
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.1 26.3 39.5





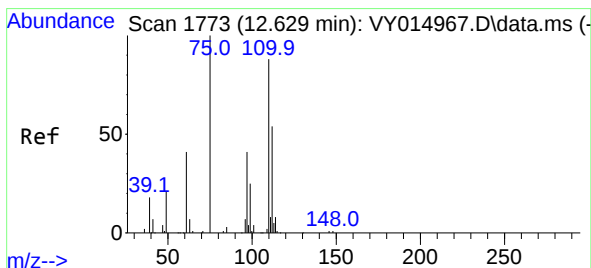
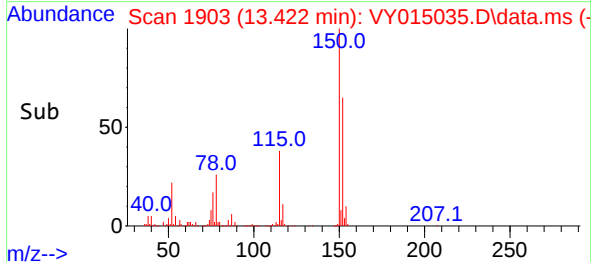
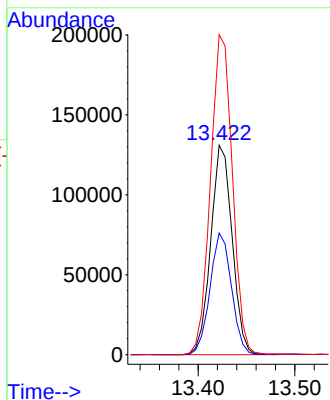
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015035.D
 Acq: 10 Aug 2023 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:152 Resp: 201869

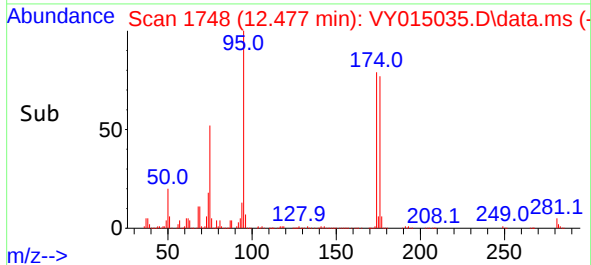
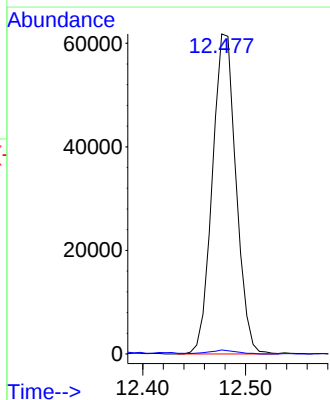
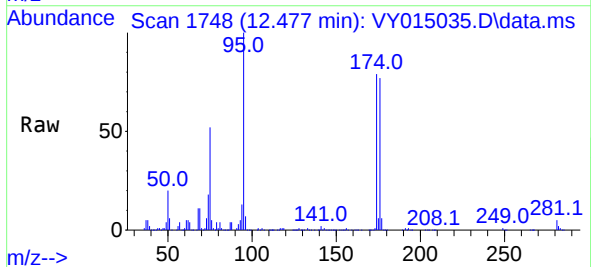
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	156.7	0.0	348.8

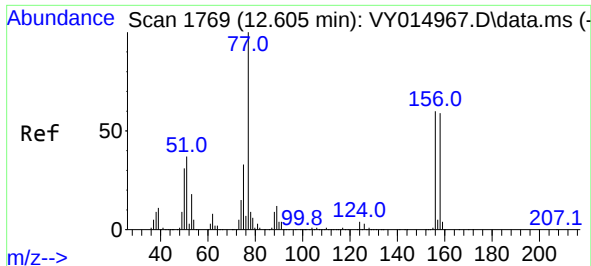


#76
 1,2,3-Trichloropropane
 Concen: 40.922 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY015035.D
 Acq: 10 Aug 2023 18:13

Tgt Ion: 75 Resp: 98986

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

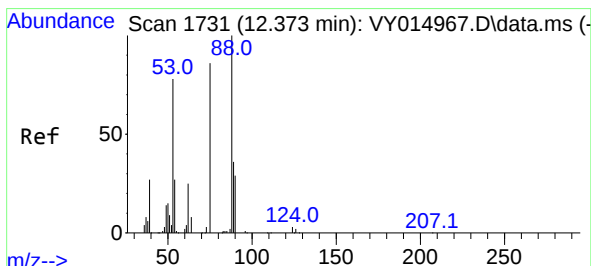
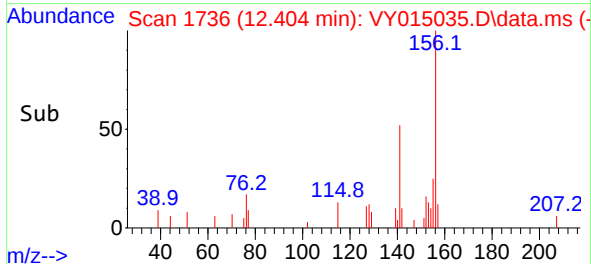
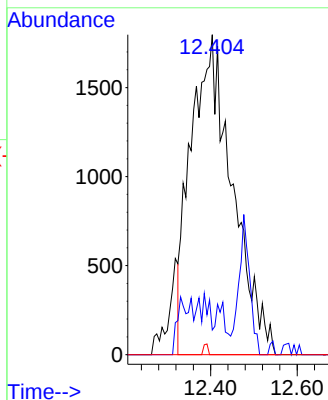
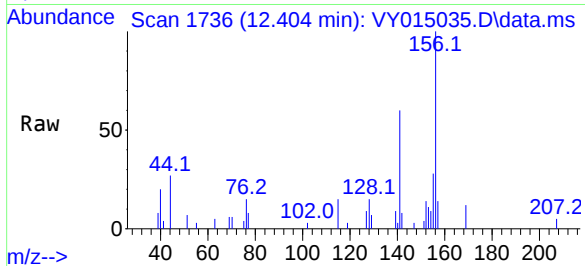




#77
Bromobenzene
Concen: 3.633 ug/l
RT: 12.404 min Scan# 11
Delta R.T. -0.201 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

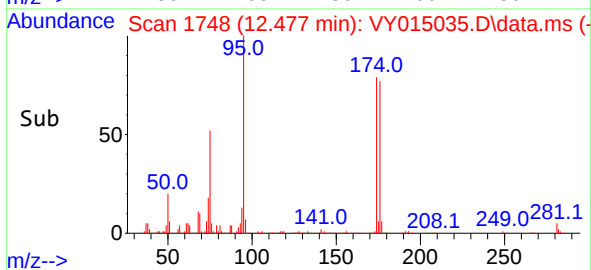
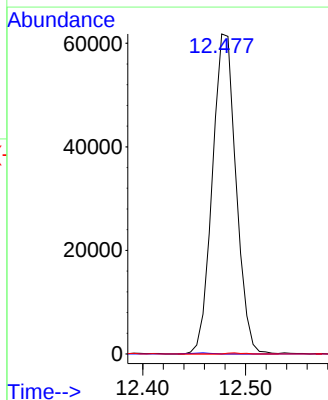
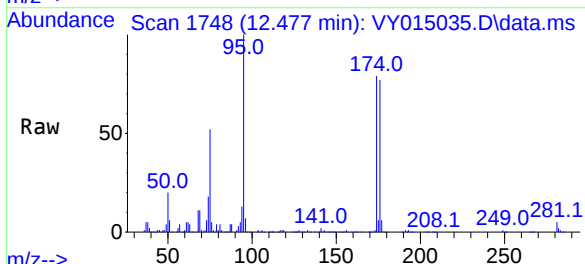
Instrument :
MSVOA_Y
ClientSampleId :

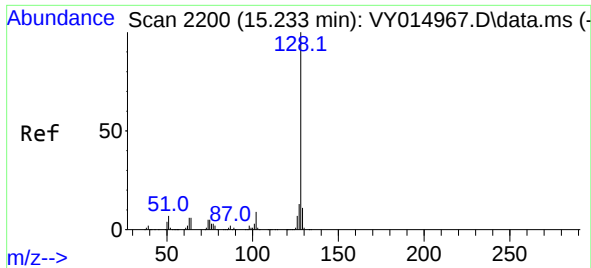
Tgt Ion:156 Resp: 11957
Ion Ratio Lower Upper
156 100
77 0.0 92.8 278.6#
158 0.4 48.4 145.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Tgt Ion: 75 Resp: 98986
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#





#95

Naphthalene

Concen: 15.057 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.000 min

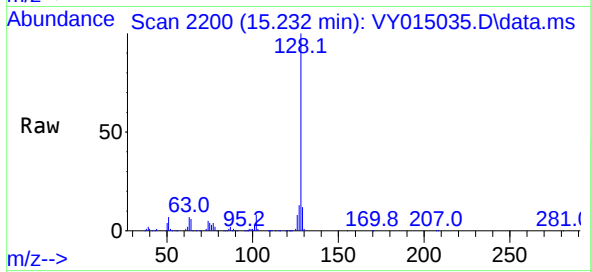
Lab File: VY015035.D

Acq: 10 Aug 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 134801

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.3 8.6 13.0

