

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016860.D
 Acq On : 26 Dec 2023 18:02
 Operator : SY/MD
 Sample : 05994-09
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:37:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

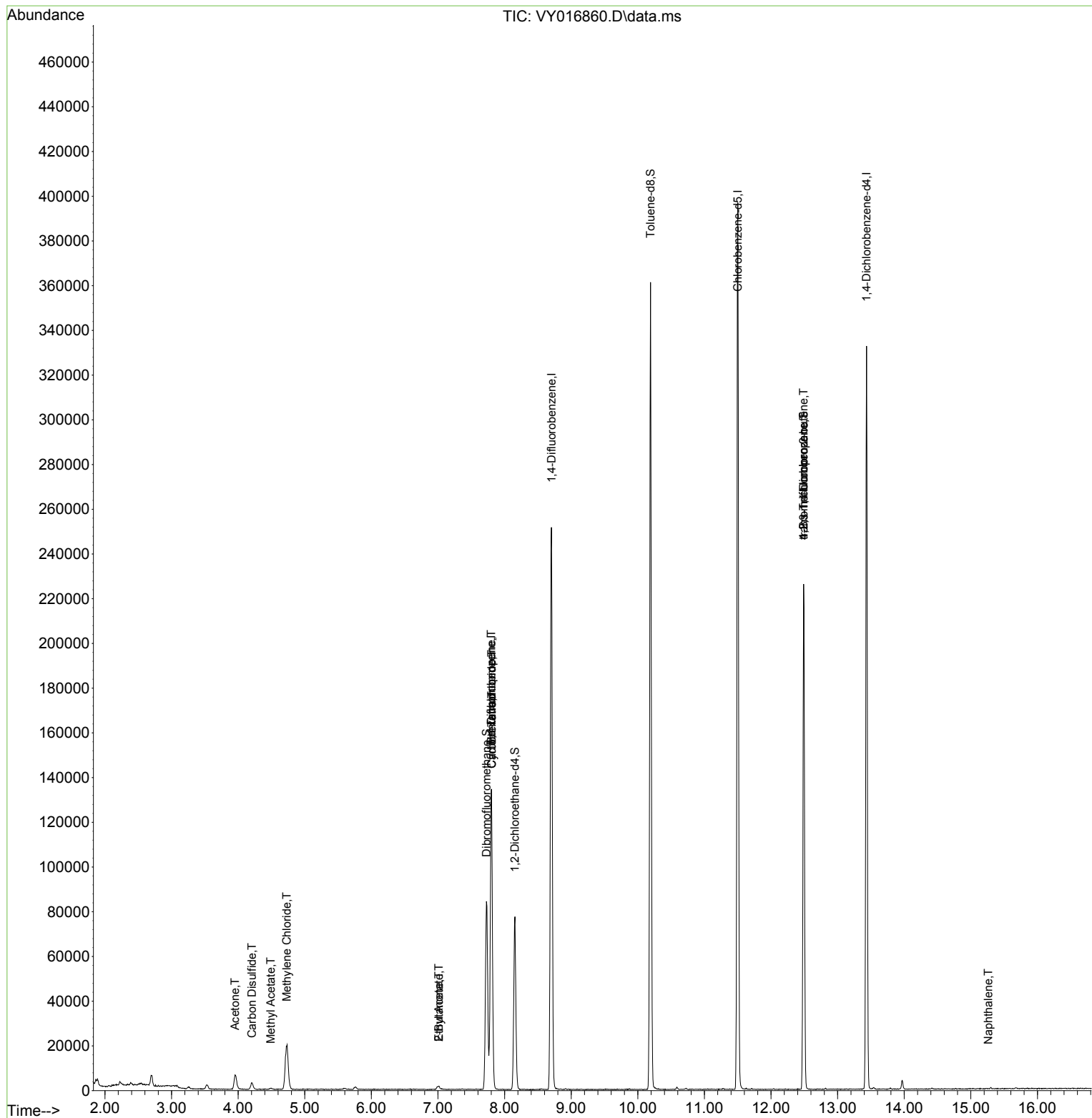
Internal Standards						
1) Pentafluorobenzene	7.801	168	99094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	215057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	214681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57725	63.811	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.620%	
35) Dibromofluoromethane	7.728	113	61084	49.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.180%	
50) Toluene-d8	10.191	98	222416	50.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.489	95	69522	48.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	11544	47.191	ug/l	95
17) Carbon Disulfide	4.204	76	6014	2.363	ug/l #	90
18) Methyl Acetate	4.491	43	992	1.038	ug/l	93
20) Methylene Chloride	4.728	84	15715	9.942	ug/l	96
25) 2-Butanone	7.015	43	2594	7.702	ug/l	92
31) Cyclohexane	7.807	56	2399	1.384	ug/l #	11
36) 1,1-Dichloropropene	7.801	75	8838	4.475	ug/l #	48
37) Ethyl Acetate	7.015	43	2594	3.064	ug/l #	69
38) Carbon Tetrachloride	7.807	117	10126	5.181	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	37256	40.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37256	96.053	ug/l #	12
95) Naphthalene	15.263	128	56	3.614	ug/l #	69

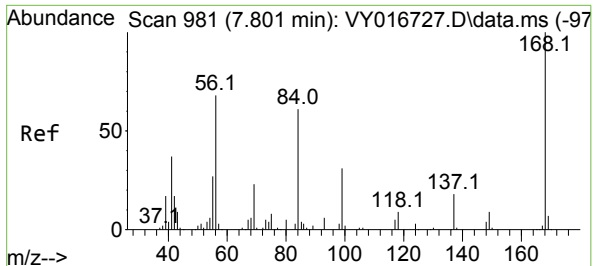
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
Data File : VY016860.D
Acq On : 26 Dec 2023 18:02
Operator : SY/MD
Sample : 05994-09
Misc : 6.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

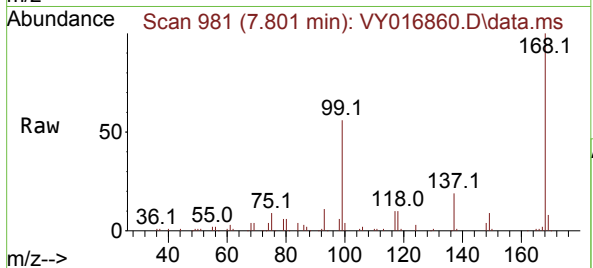
Quant Time: Dec 27 01:37:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



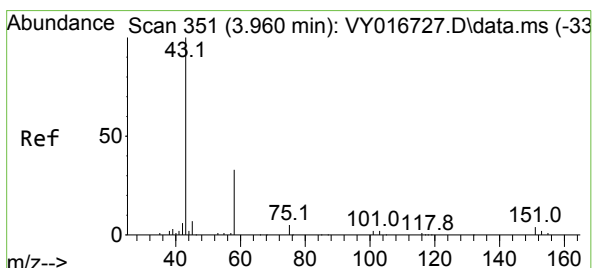
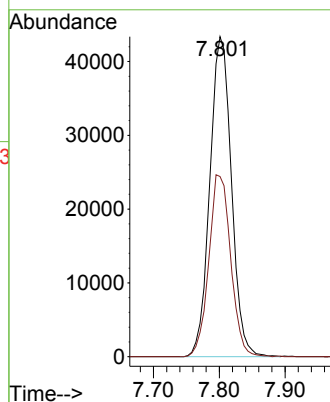
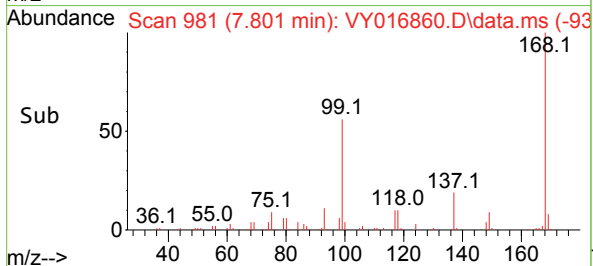


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :

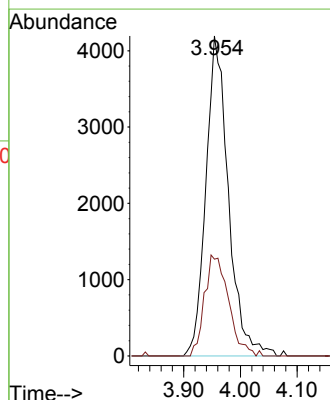
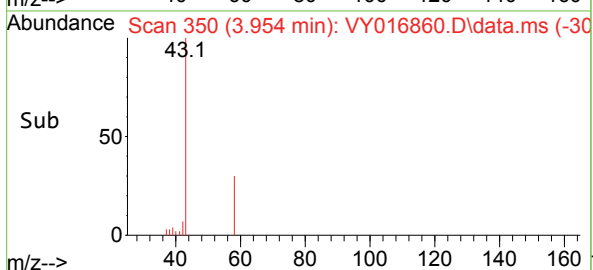
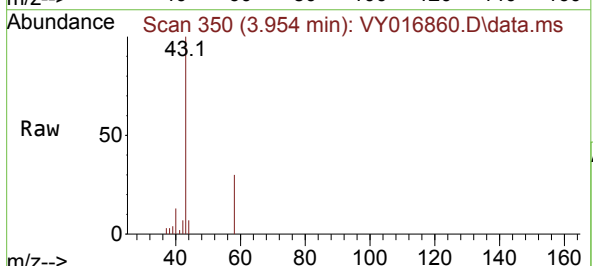


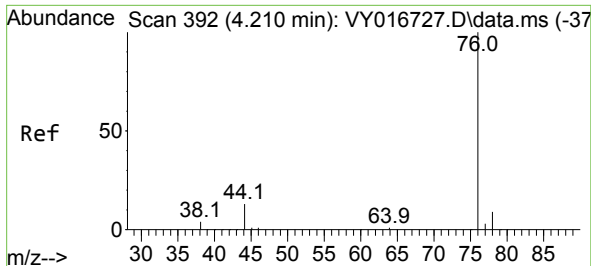
Tgt Ion:168 Resp: 99094
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#16
Acetone
Concen: 47.191 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Tgt Ion: 43 Resp: 11544
Ion Ratio Lower Upper
43 100
58 30.3 26.6 39.8

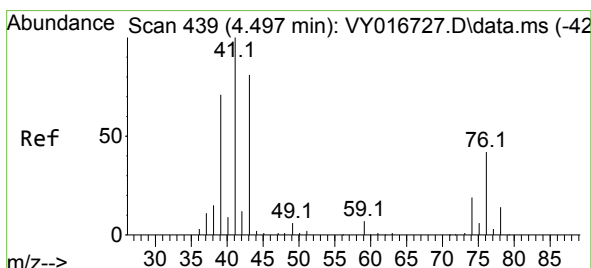
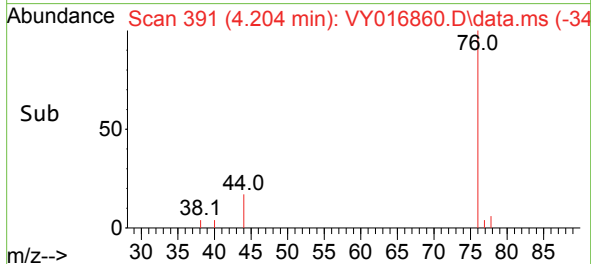
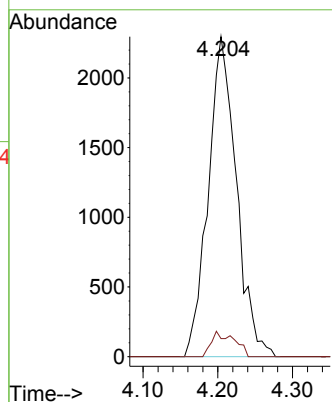
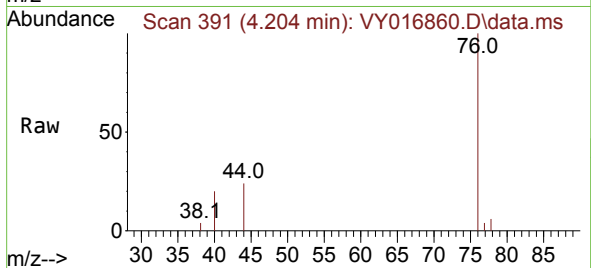




#17
Carbon Disulfide
Concen: 2.363 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

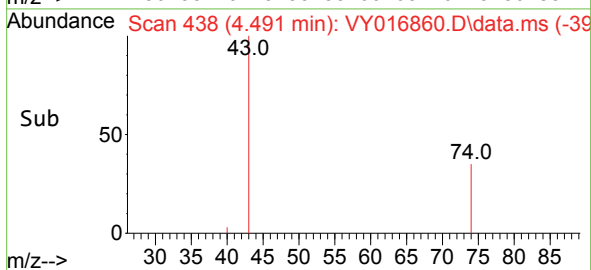
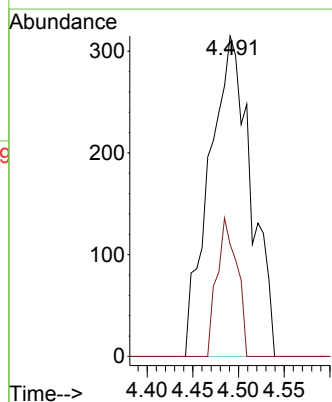
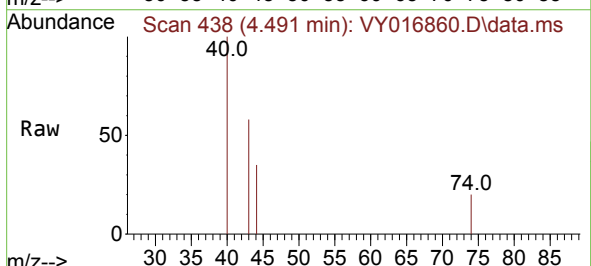
Instrument :
MSVOA_Y
ClientSampleId :

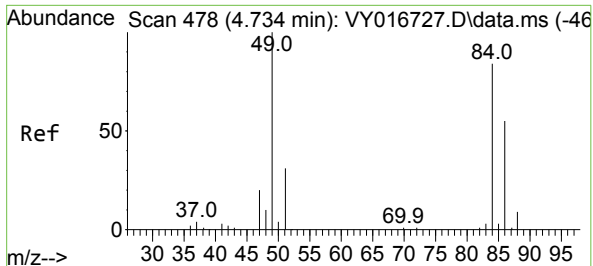
Tgt Ion: 76 Resp: 6014
Ion Ratio Lower Upper
76 100
78 5.7 7.4 11.0#



#18
Methyl Acetate
Concen: 1.038 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

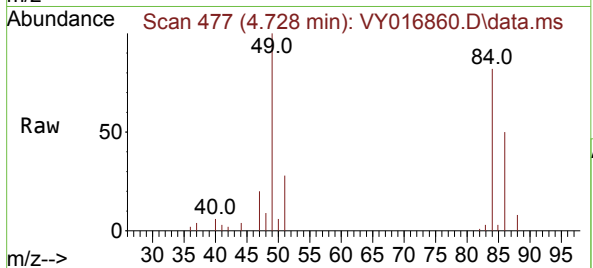
Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
74 21.0 19.8 29.6



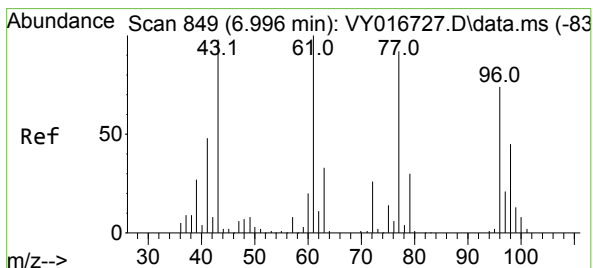
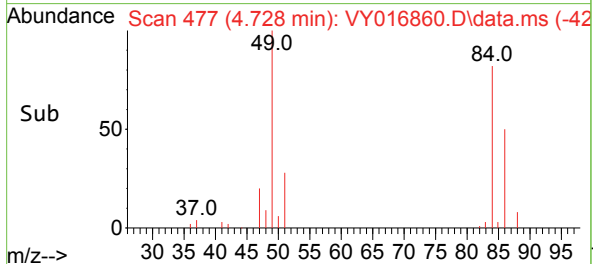
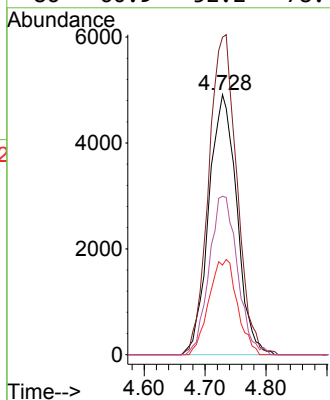


#20
Methylene Chloride
Concen: 9.942 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :

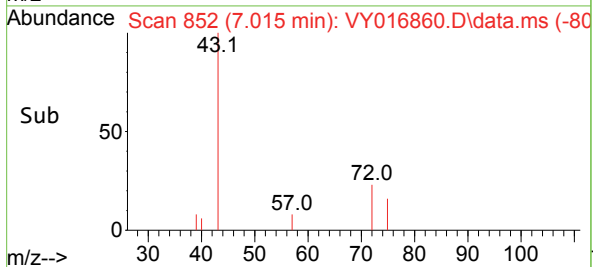
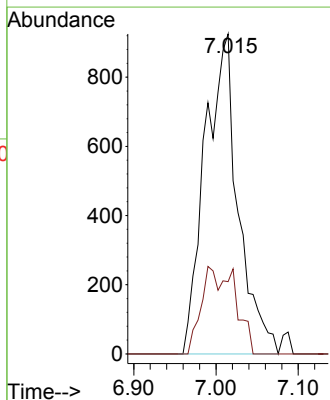
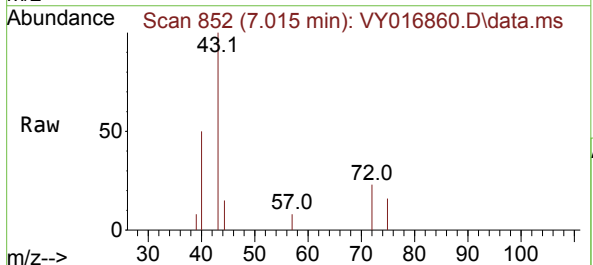


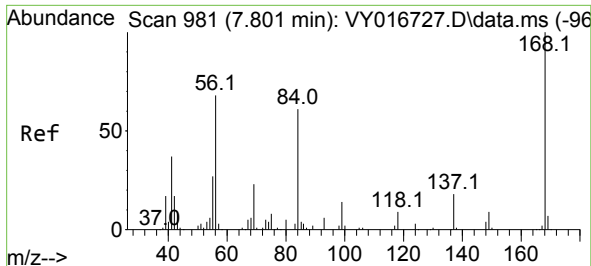
Tgt Ion: 84	Resp: 15715
Ion Ratio	Lower Upper
84 100	
49 122.1	95.2 142.8
51 34.5	29.9 44.9
86 60.9	52.2 78.4



#25
2-Butanone
Concen: 7.702 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

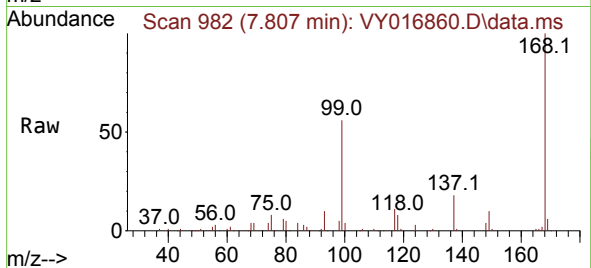
Tgt Ion: 43	Resp: 2594		
Ion Ratio	Lower	Upper	
43 100			
72 22.6	21.4	32.2	



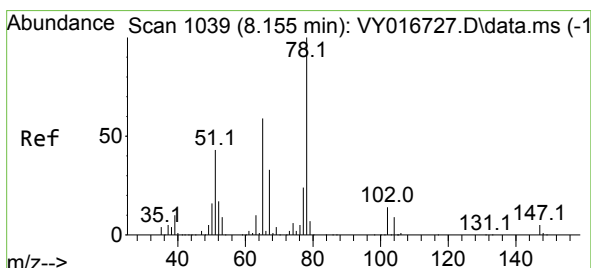
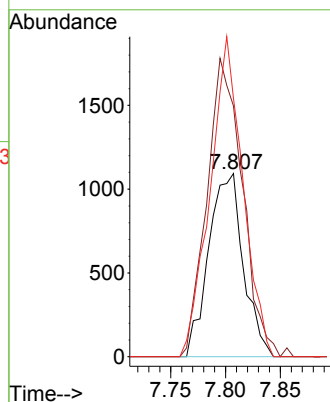
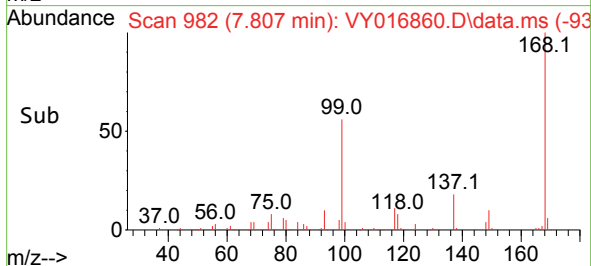


#31
Cyclohexane
Concen: 1.384 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :

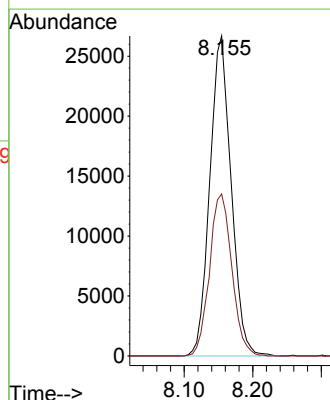
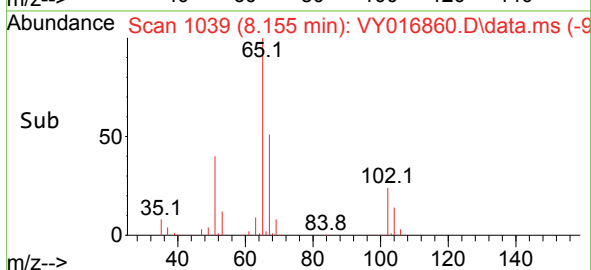
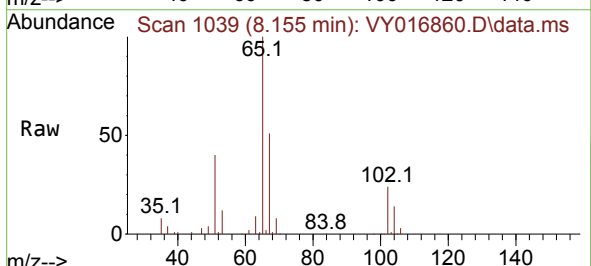


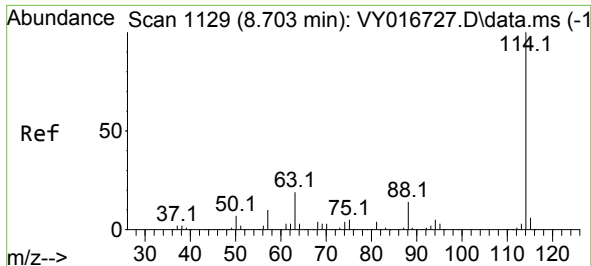
Tgt Ion: 56 Resp: 2399
Ion Ratio Lower Upper
56 100
69 136.8 27.0 40.6#
84 140.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 63.811 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Tgt Ion: 65 Resp: 57725
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016860.D

Acq: 26 Dec 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

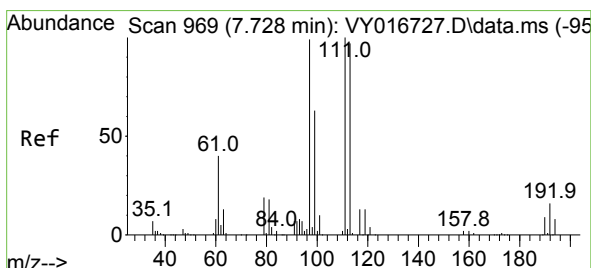
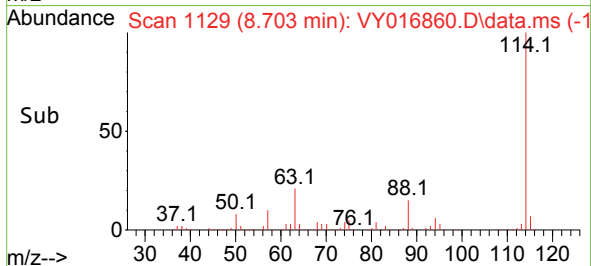
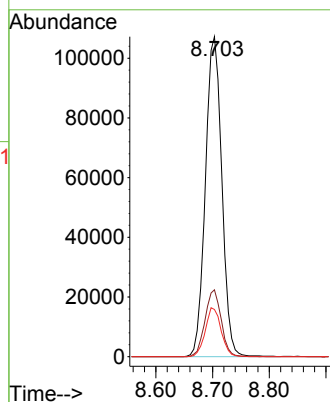
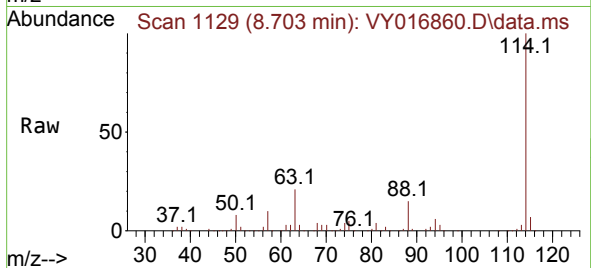
Tgt Ion:114 Resp: 215057

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.585 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016860.D

Acq: 26 Dec 2023 18:02

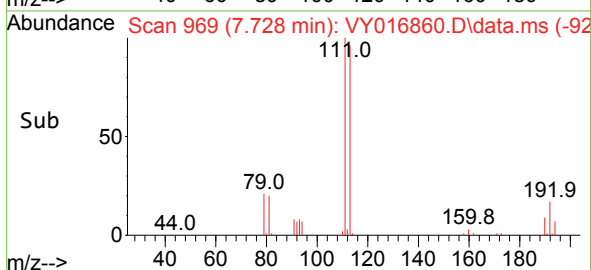
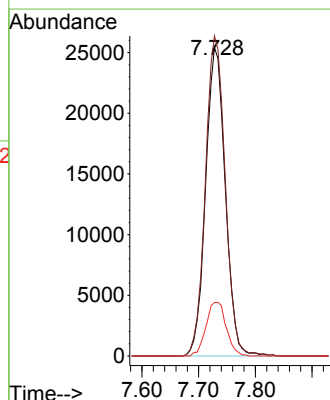
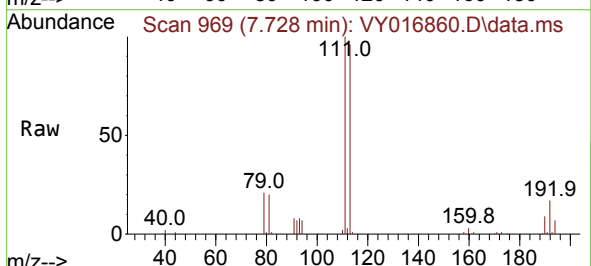
Tgt Ion:113 Resp: 61084

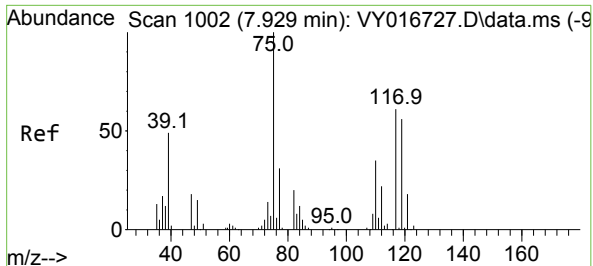
Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 17.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.475 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

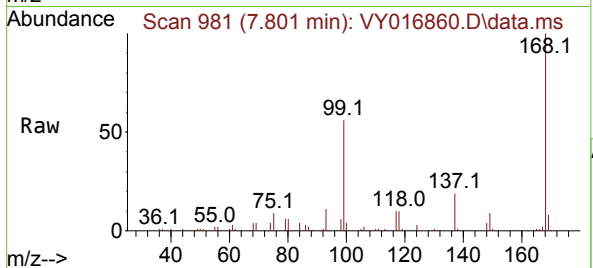
Lab File: VY016860.D

Acq: 26 Dec 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :



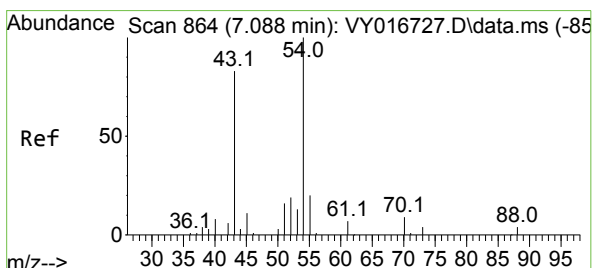
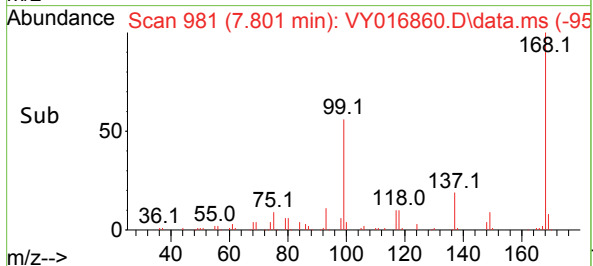
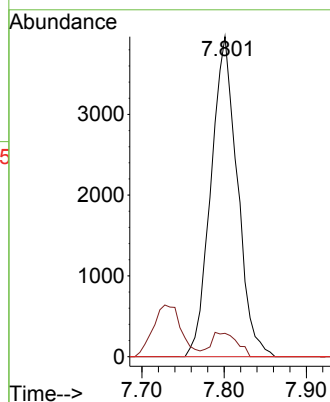
Tgt Ion: 75 Resp: 8838

Ion Ratio Lower Upper

75 100

110 7.5 17.4 52.3#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 3.064 ug/l

RT: 7.015 min Scan# 852

Delta R.T. -0.073 min

Lab File: VY016860.D

Acq: 26 Dec 2023 18:02

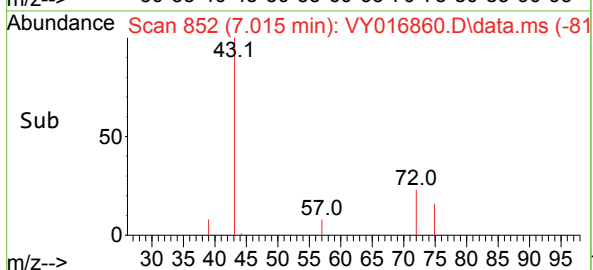
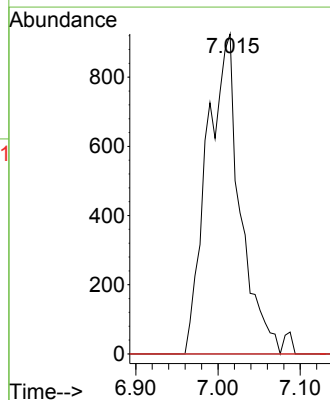
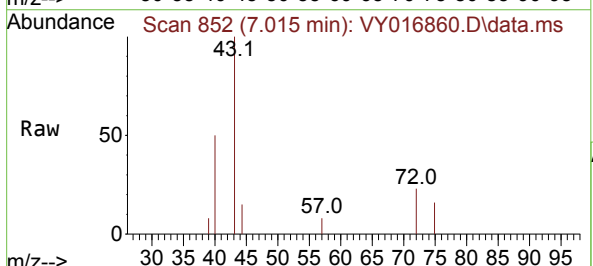
Tgt Ion: 43 Resp: 2594

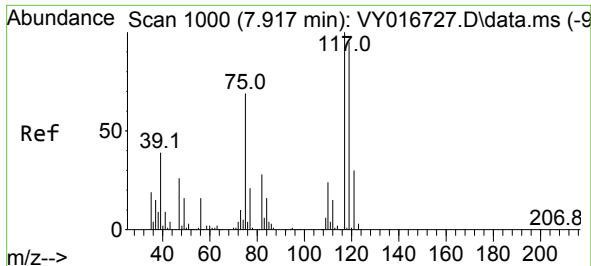
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

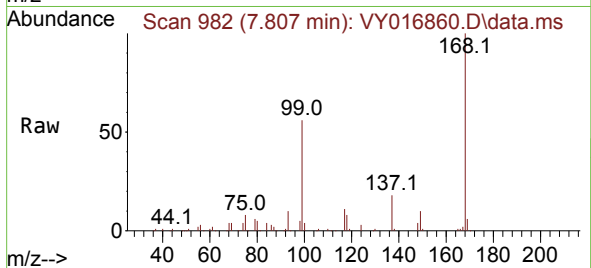
70 0.0 8.1 12.1#



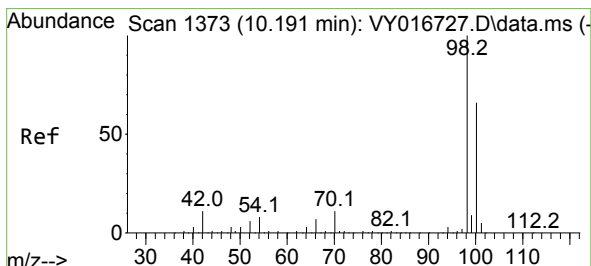
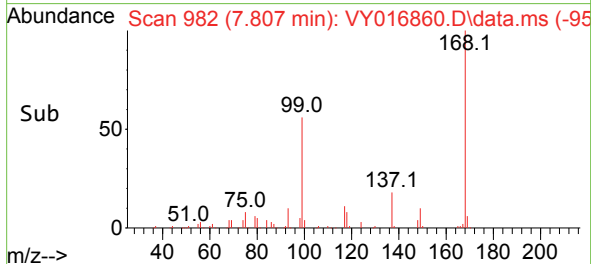
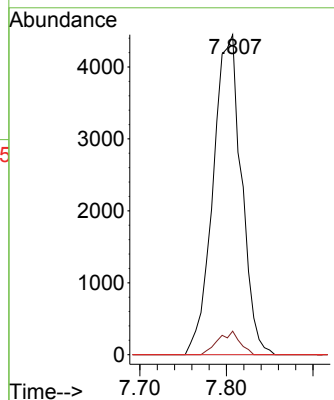


#38
Carbon Tetrachloride
Concen: 5.181 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :

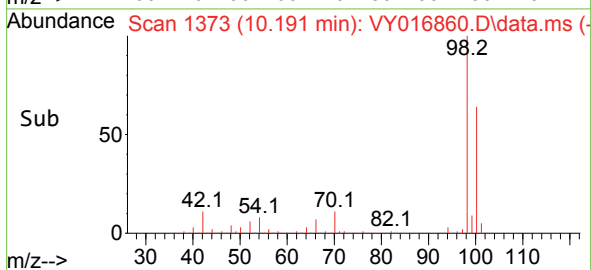
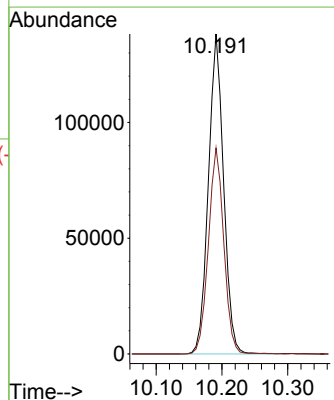
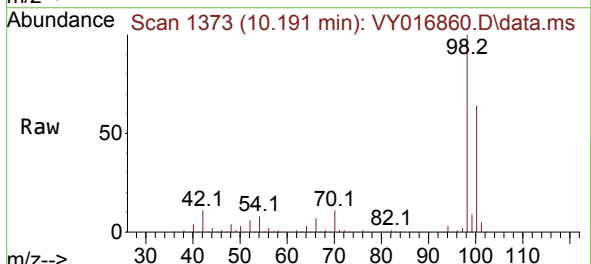


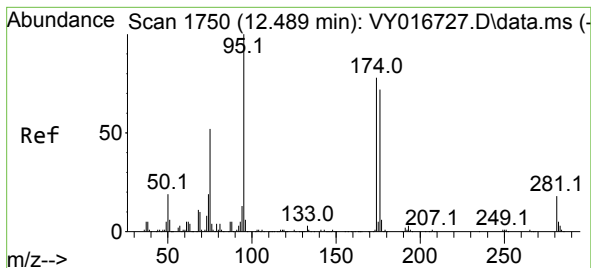
Tgt Ion:117 Resp: 10126
Ion Ratio Lower Upper
117 100
119 7.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.084 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Tgt Ion: 98 Resp: 222416
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

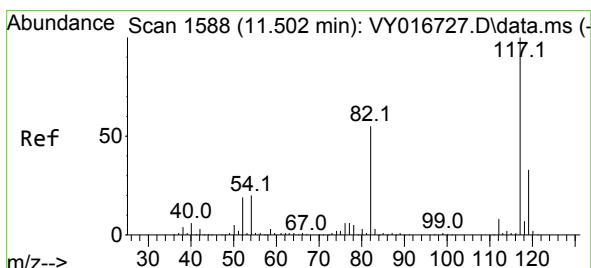
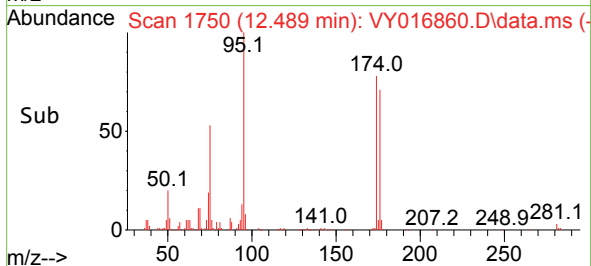
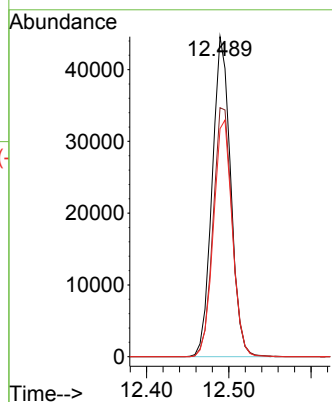
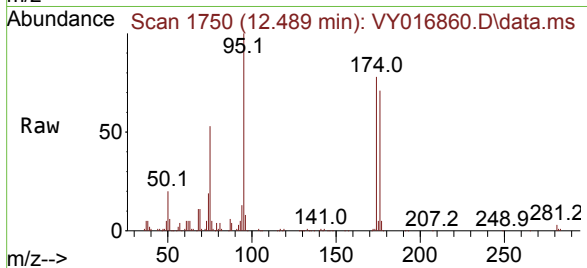




#62
4-Bromofluorobenzene
Concen: 48.254 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

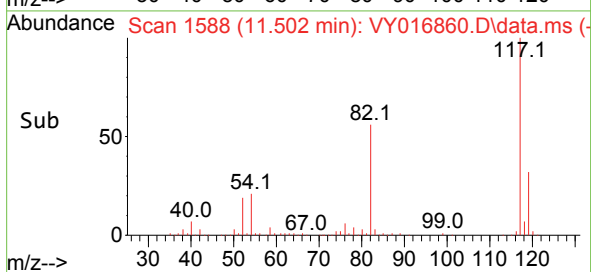
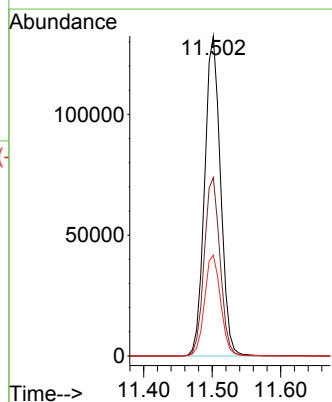
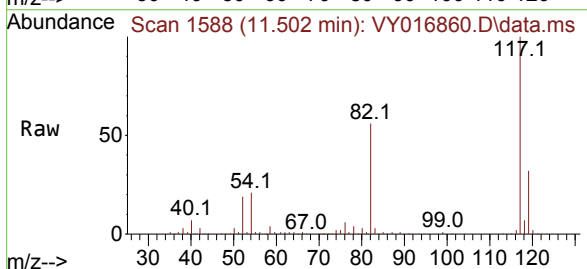
Instrument :
MSVOA_Y
ClientSampleId :

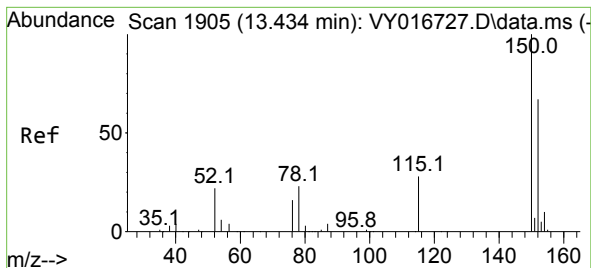
Tgt Ion: 95 Resp: 69522
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 75.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Tgt Ion: 117 Resp: 214681
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016860.D

Acq: 26 Dec 2023 18:02

Instrument :

MSVOA_Y

ClientSampleId :

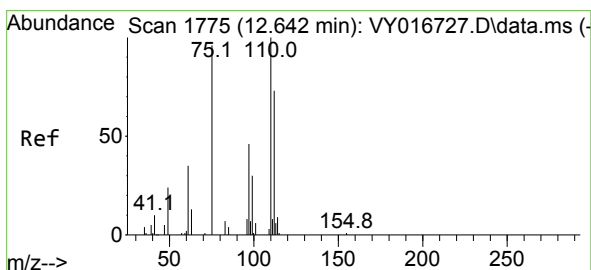
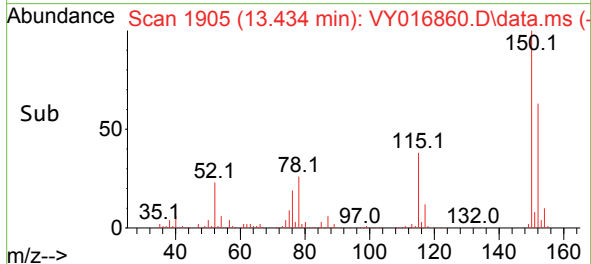
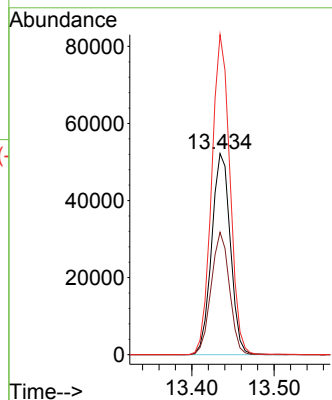
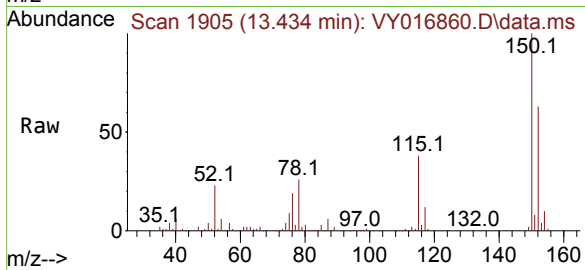
Tgt Ion:152 Resp: 82400

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 155.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 40.901 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016860.D

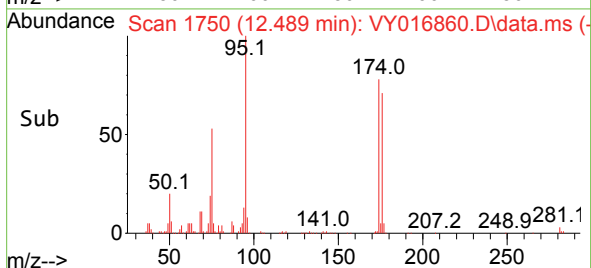
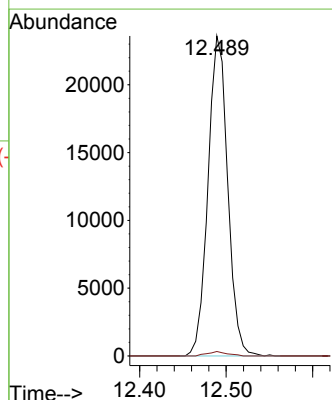
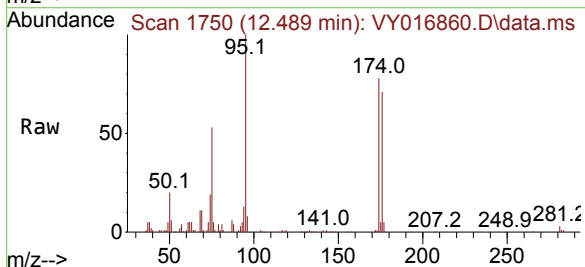
Acq: 26 Dec 2023 18:02

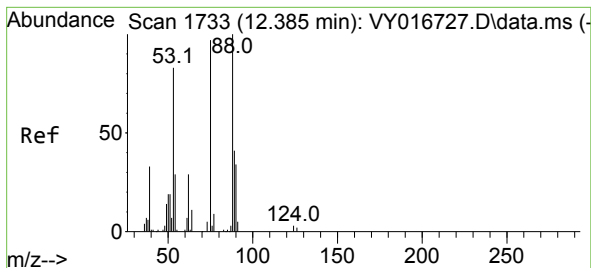
Tgt Ion: 75 Resp: 37256

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

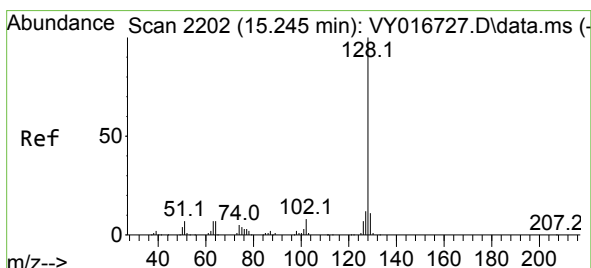
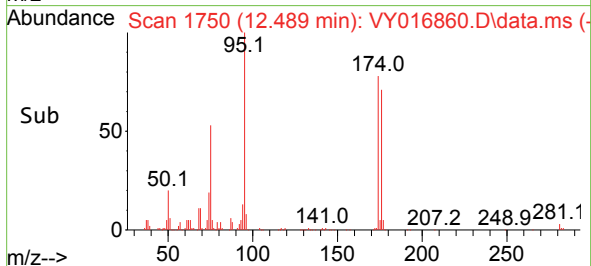
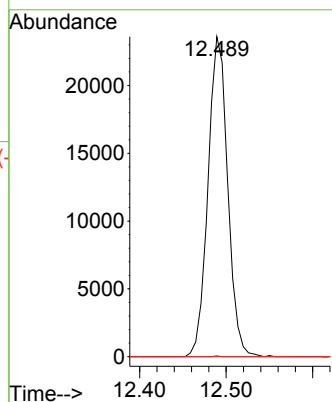
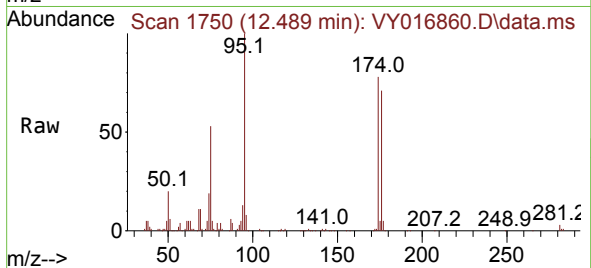




#81
trans-1,4-Dichloro-2-butene
Concen: 96.053 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37256
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.614 ug/l
RT: 15.263 min Scan# 2205
Delta R.T. 0.018 min
Lab File: VY016860.D
Acq: 26 Dec 2023 18:02

Tgt Ion: 128 Resp: 56
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

