

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016862.D
 Acq On : 26 Dec 2023 18:49
 Operator : SY/MD
 Sample : 05994-03
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:38:18 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)

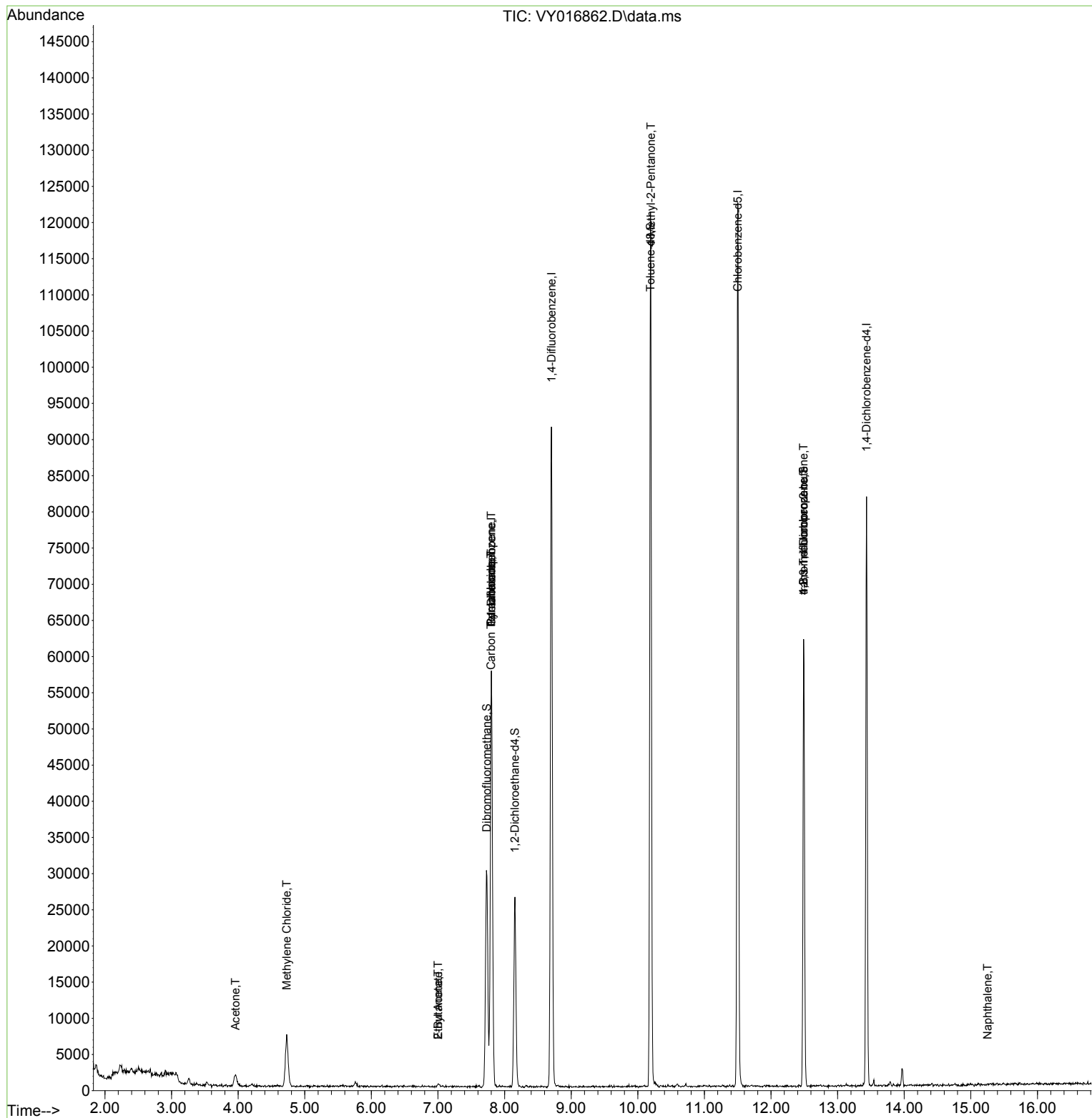
Internal Standards						
1) Pentafluorobenzene	7.801	168	43464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	77573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	67348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	20673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	20044	50.517	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.040%	
35) Dibromofluoromethane	7.734	113	22722	51.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.191	98	80164	50.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.489	95	18614	35.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.640%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	3143	29.293	ug/l	98
20) Methylene Chloride	4.729	84	5127	6.624	ug/l	93
25) 2-Butanone	7.003	43	678	4.590	ug/l #	87
31) Cyclohexane	7.801	56	1035	1.361	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	3578	5.023	ug/l #	50
37) Ethyl Acetate	7.003	43	678	2.220	ug/l #	69
38) Carbon Tetrachloride	7.795	117	4530	6.426	ug/l #	20
51) 4-Methyl-2-Pentanone	10.197	43	353	1.117	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	10471	45.819	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	10471	107.603	ug/l #	12
95) Naphthalene	15.251	128	53	3.668	ug/l #	69

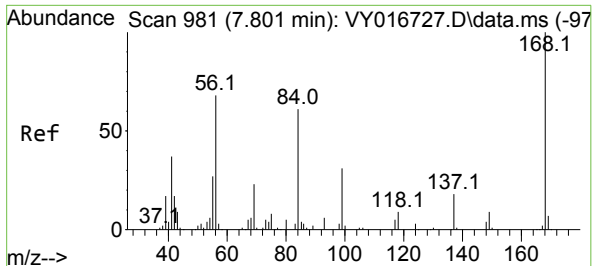
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
Data File : VY016862.D
Acq On : 26 Dec 2023 18:49
Operator : SY/MD
Sample : 05994-03
Misc : 6.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

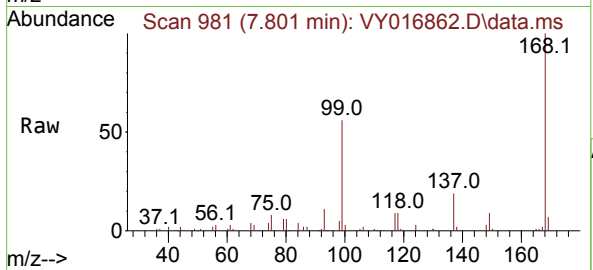
Quant Time: Dec 27 01:38:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration



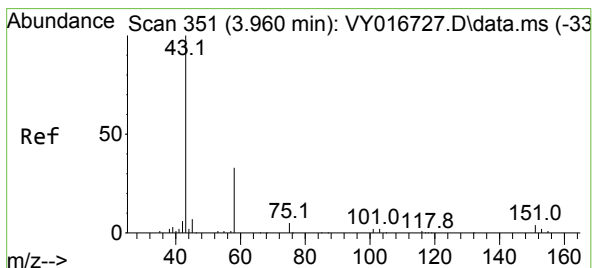
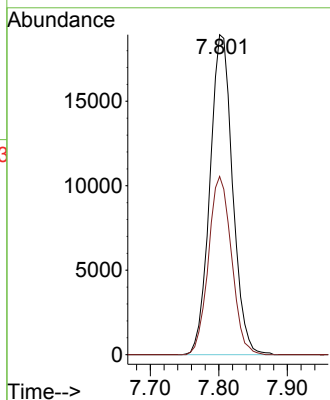
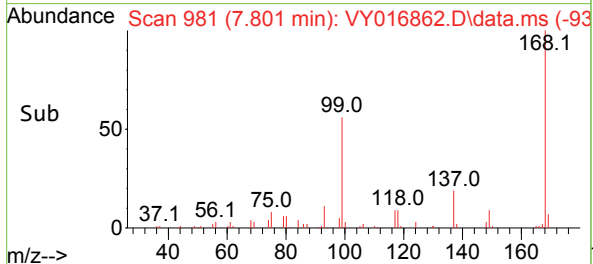


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

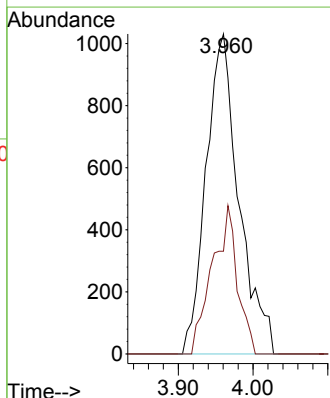
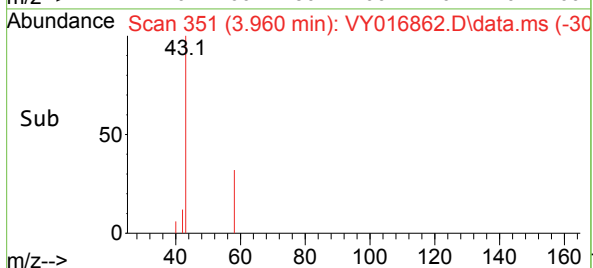
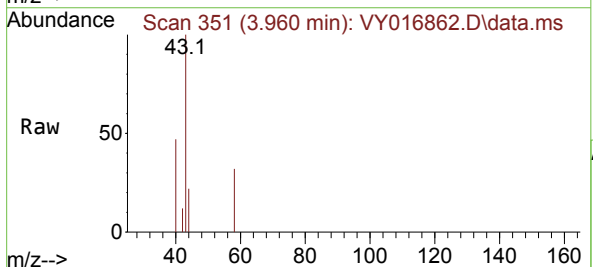


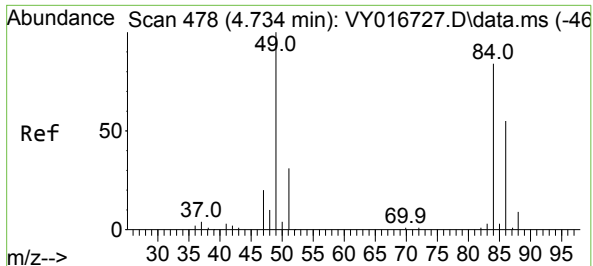
Tgt Ion:168 Resp: 43464
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 29.293 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

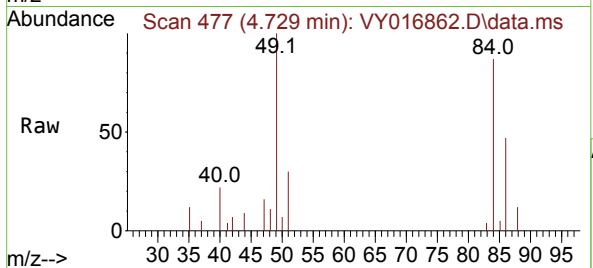
Tgt Ion: 43 Resp: 3143
Ion Ratio Lower Upper
43 100
58 32.1 26.6 39.8



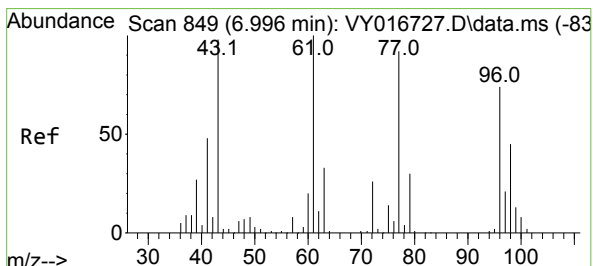
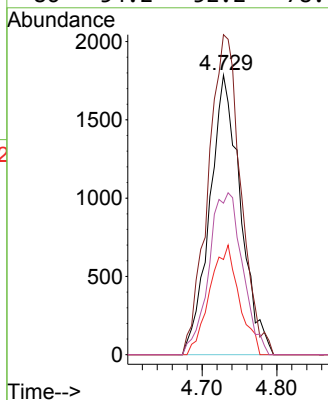
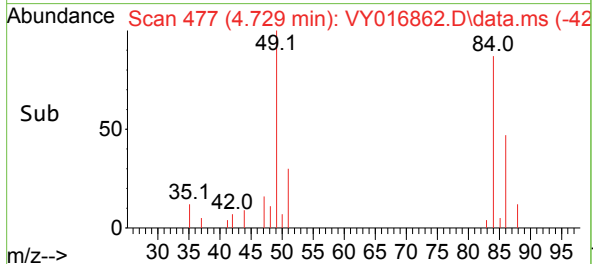


#20
Methylene Chloride
Concen: 6.624 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.005 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

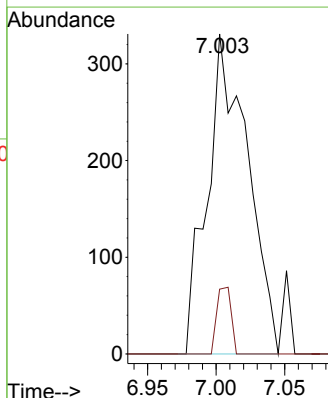
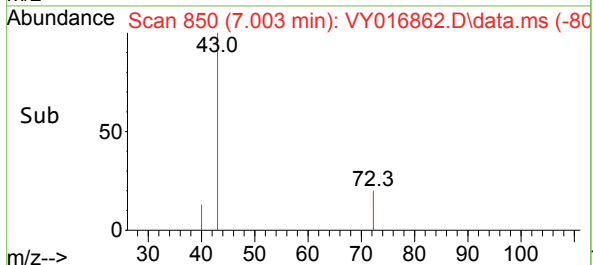
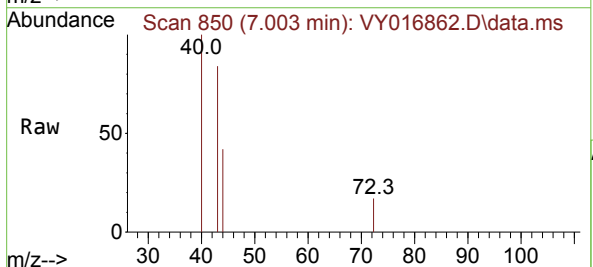


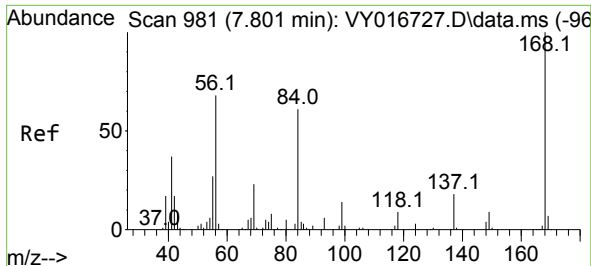
Tgt Ion: 84	Resp: 5127
Ion Ratio	Lower Upper
84 100	
49 114.4	95.2 142.8
51 34.0	29.9 44.9
86 54.2	52.2 78.4



#25
2-Butanone
Concen: 4.590 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

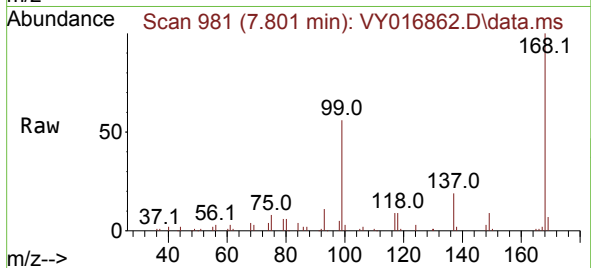
Tgt Ion: 43	Resp: 678		
Ion Ratio	Lower	Upper	
43 100			
72 20.2	21.4	32.2#	



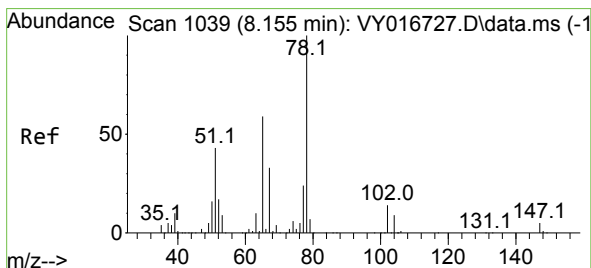
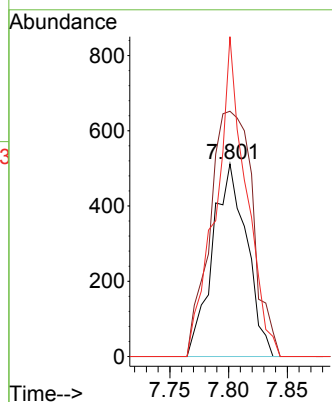
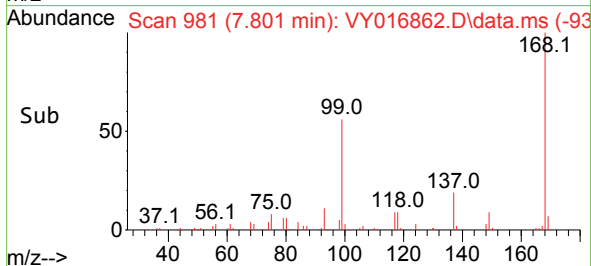


#31
Cyclohexane
Concen: 1.361 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

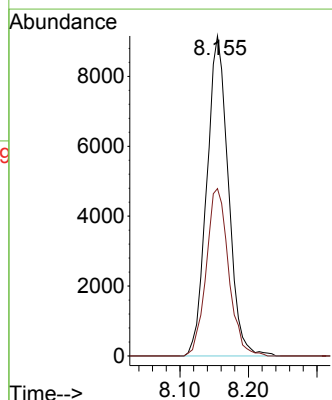
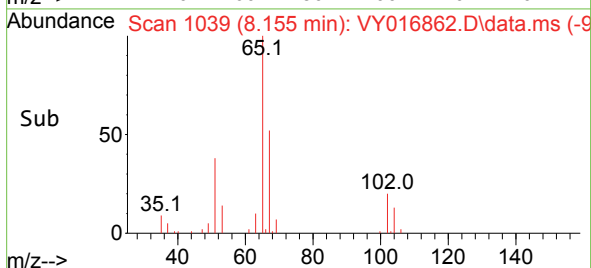
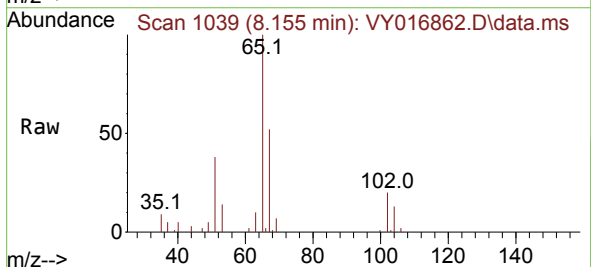


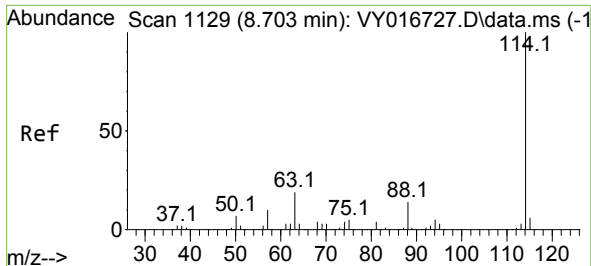
Tgt Ion: 56 Resp: 1035
Ion Ratio Lower Upper
56 100
69 127.3 27.0 40.6#
84 166.0 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 50.517 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Tgt Ion: 65 Resp: 20044
Ion Ratio Lower Upper
65 100
67 54.3 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: VY016862.D

Acq: 26 Dec 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

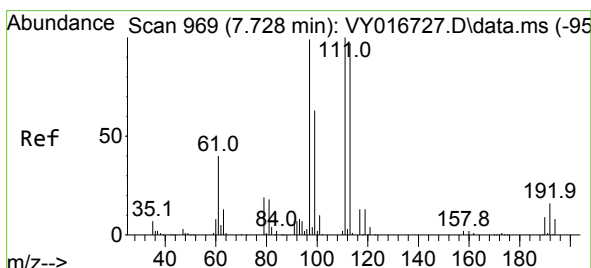
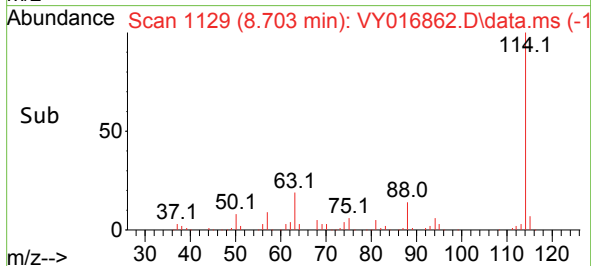
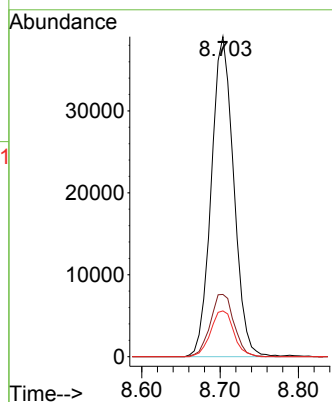
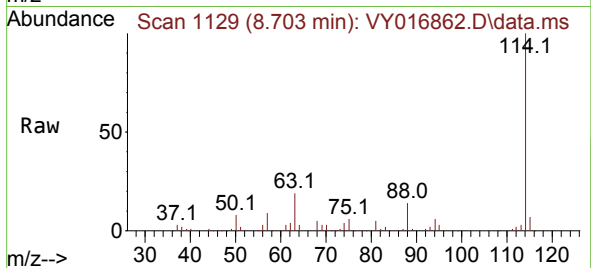
Tgt Ion:114 Resp: 77573

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016862.D

Acq: 26 Dec 2023 18:49

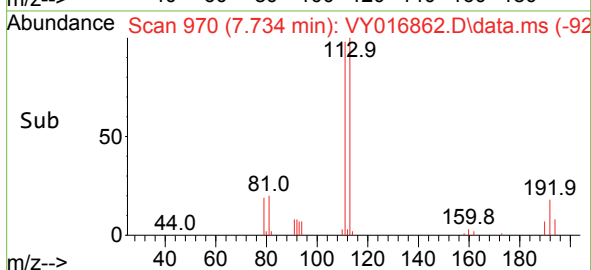
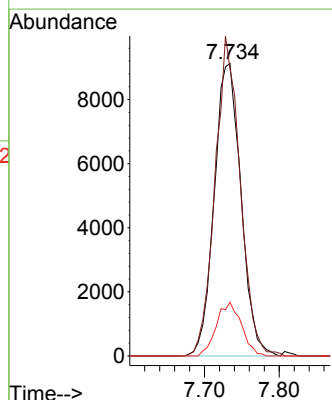
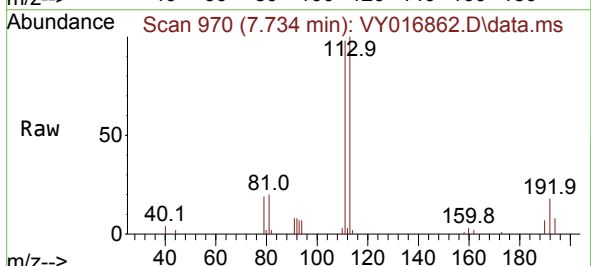
Tgt Ion:113 Resp: 22722

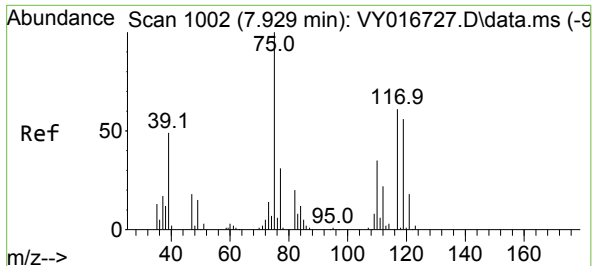
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.1 14.5 21.7





#36

1,1-Dichloropropene

Concen: 5.023 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

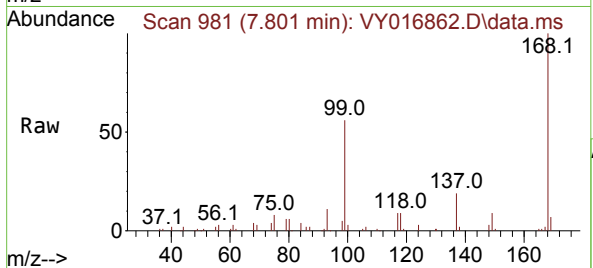
Lab File: VY016862.D

Acq: 26 Dec 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :



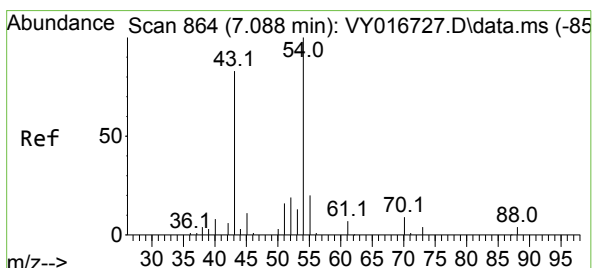
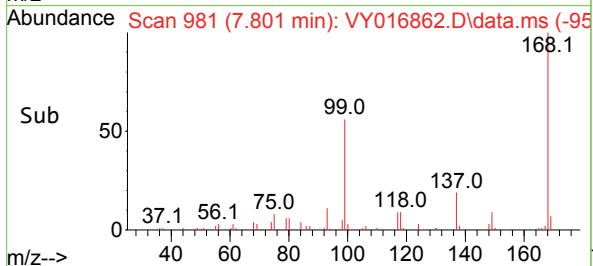
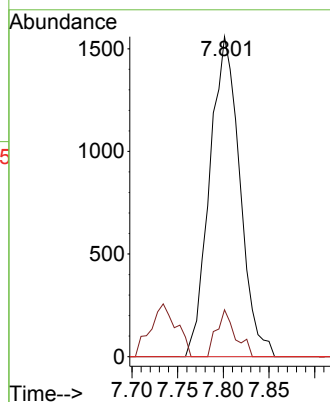
Tgt Ion: 75 Resp: 3578

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.3#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 2.220 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY016862.D

Acq: 26 Dec 2023 18:49

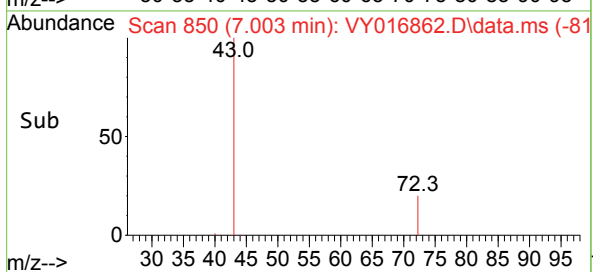
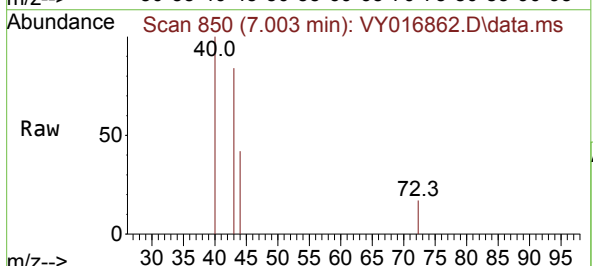
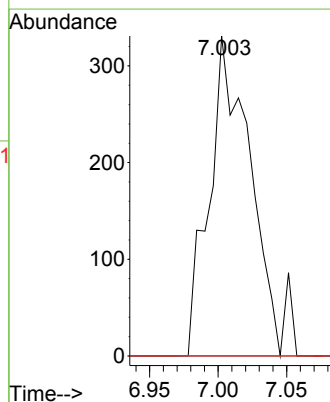
Tgt Ion: 43 Resp: 678

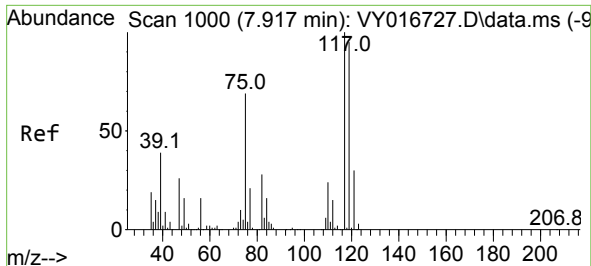
Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

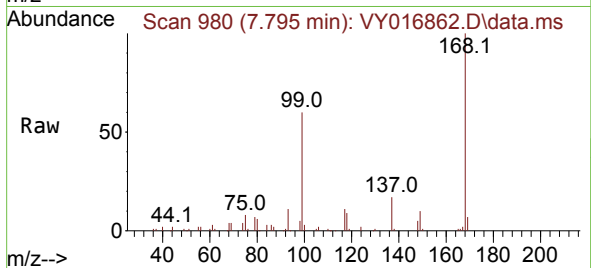
70 0.0 8.1 12.1#



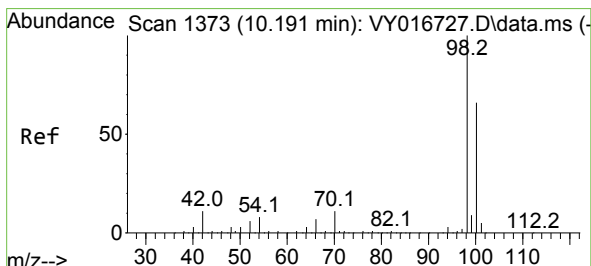
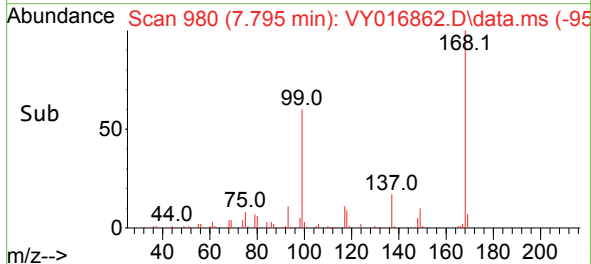
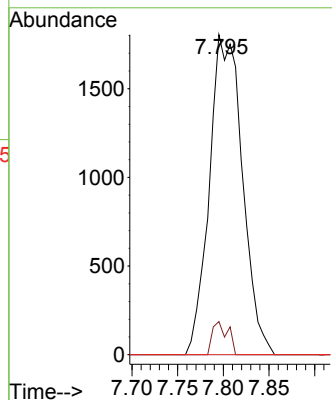


#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

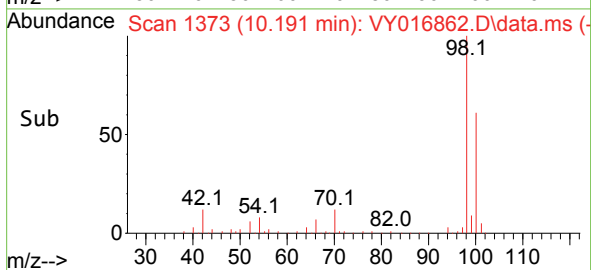
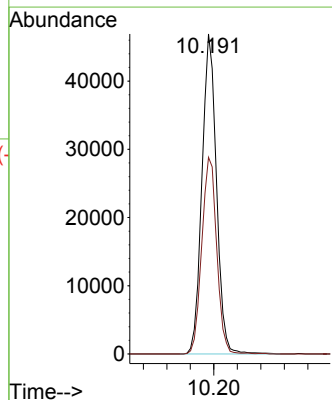
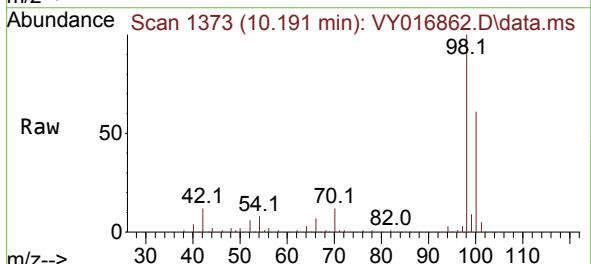


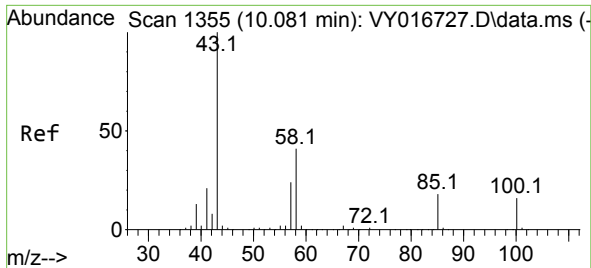
Tgt Ion:117 Resp: 4530
Ion Ratio Lower Upper
117 100
119 10.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.044 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Tgt Ion: 98 Resp: 80164
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5

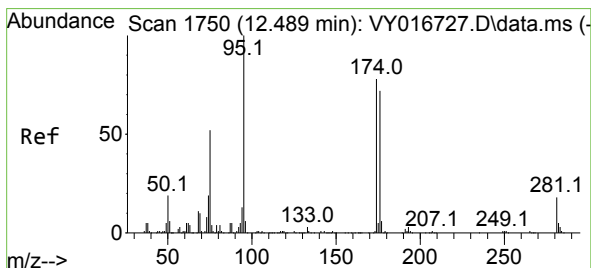
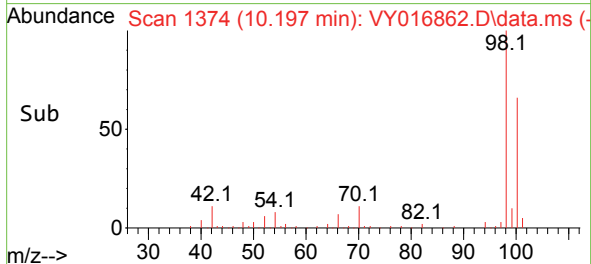
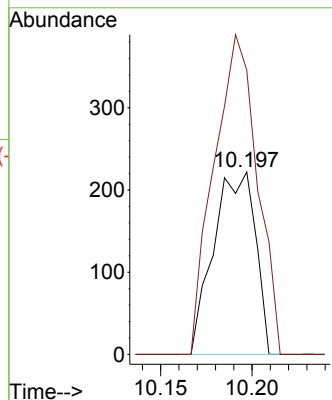
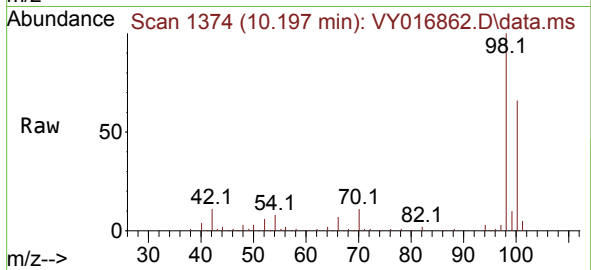




#51
4-Methyl-2-Pentanone
Concen: 1.117 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

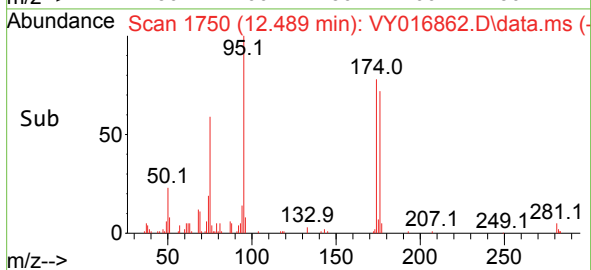
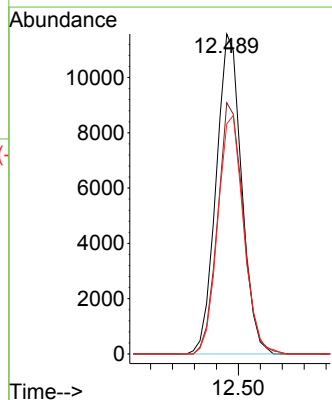
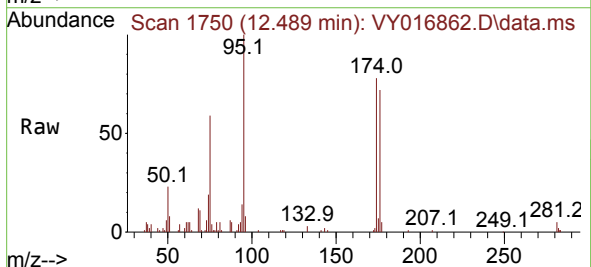
Instrument :
MSVOA_Y
ClientSampleId :

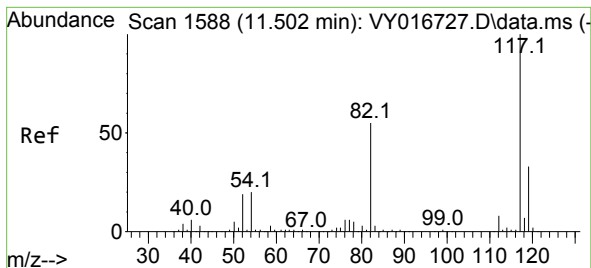
Tgt Ion: 43 Resp: 353
Ion Ratio Lower Upper
43 100
58 181.3 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 35.817 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Tgt Ion: 95 Resp: 18614
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 75.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016862.D

Acq: 26 Dec 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

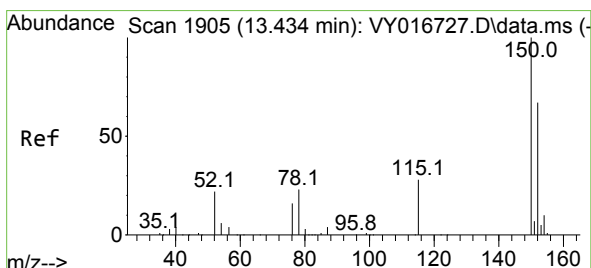
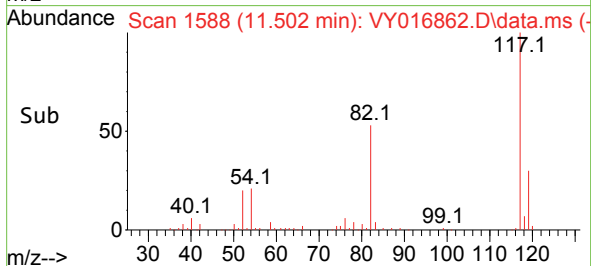
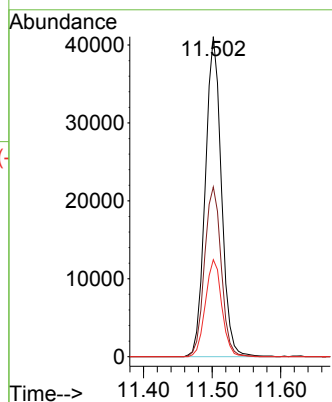
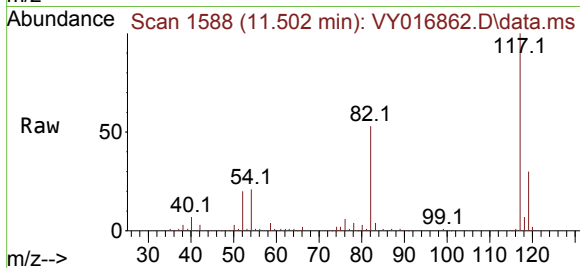
Tgt Ion:117 Resp: 67348

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.8

119 30.3 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: VY016862.D

Acq: 26 Dec 2023 18:49

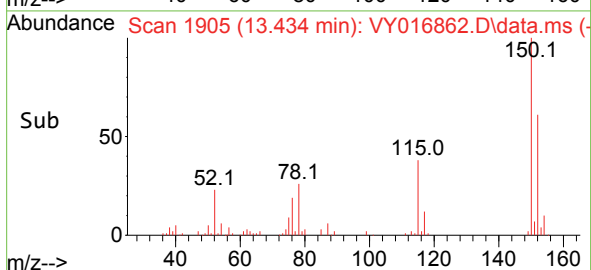
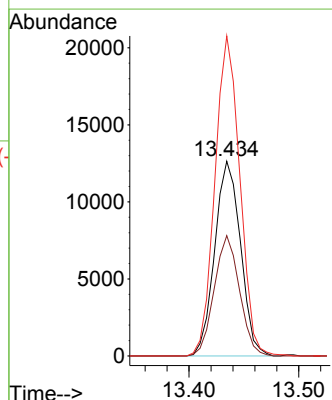
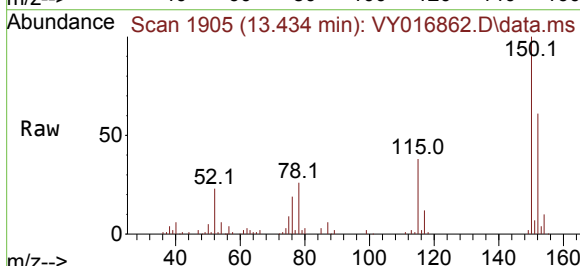
Tgt Ion:152 Resp: 20673

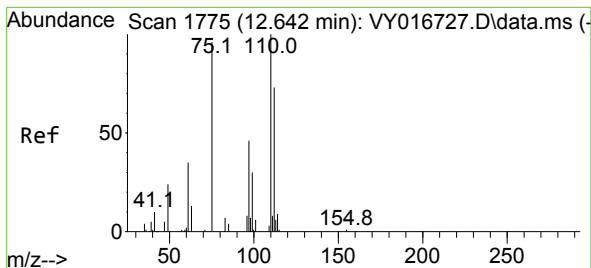
Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 158.6 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 45.819 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016862.D

Acq: 26 Dec 2023 18:49

Instrument :

MSVOA_Y

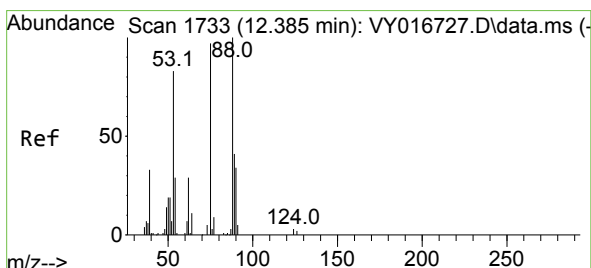
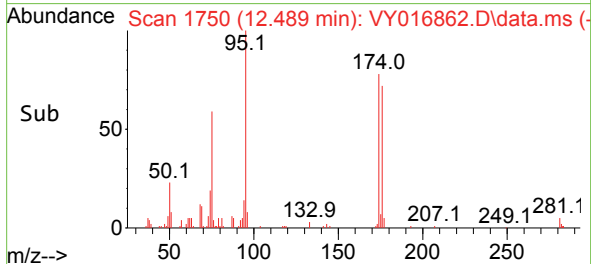
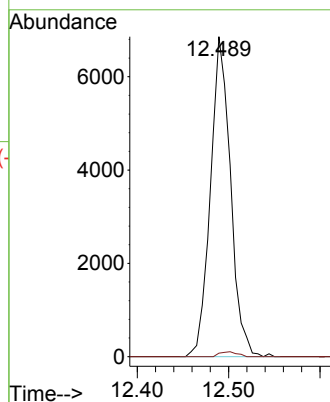
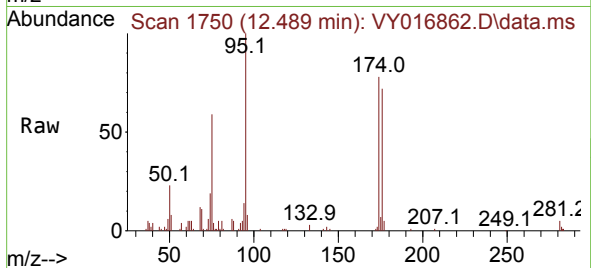
ClientSampleId :

Tgt Ion: 75 Resp: 10471

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.603 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016862.D

Acq: 26 Dec 2023 18:49

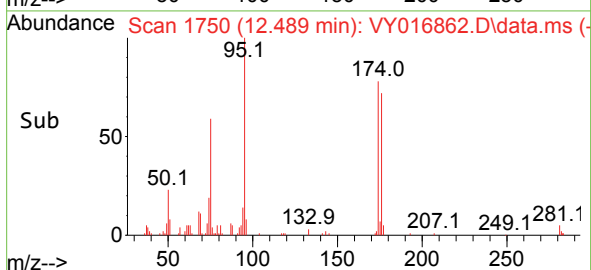
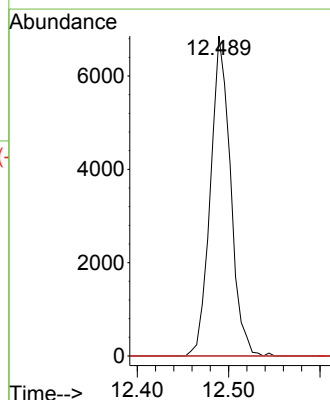
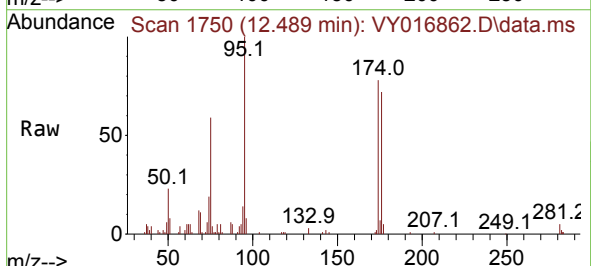
Tgt Ion: 75 Resp: 10471

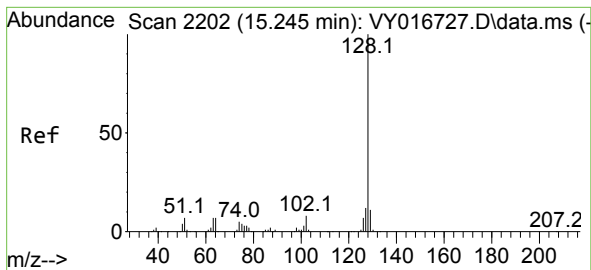
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

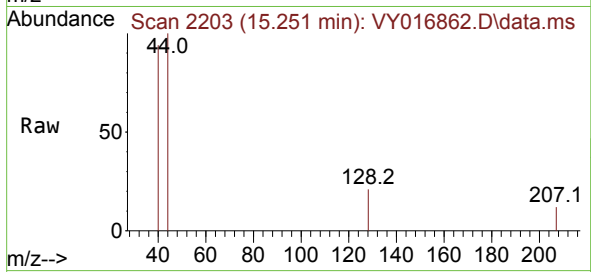
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.668 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016862.D
Acq: 26 Dec 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	53
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

