

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016398.D
 Acq On : 16 Nov 2023 18:24
 Operator : SY/MD
 Sample : 05445-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 05:19:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

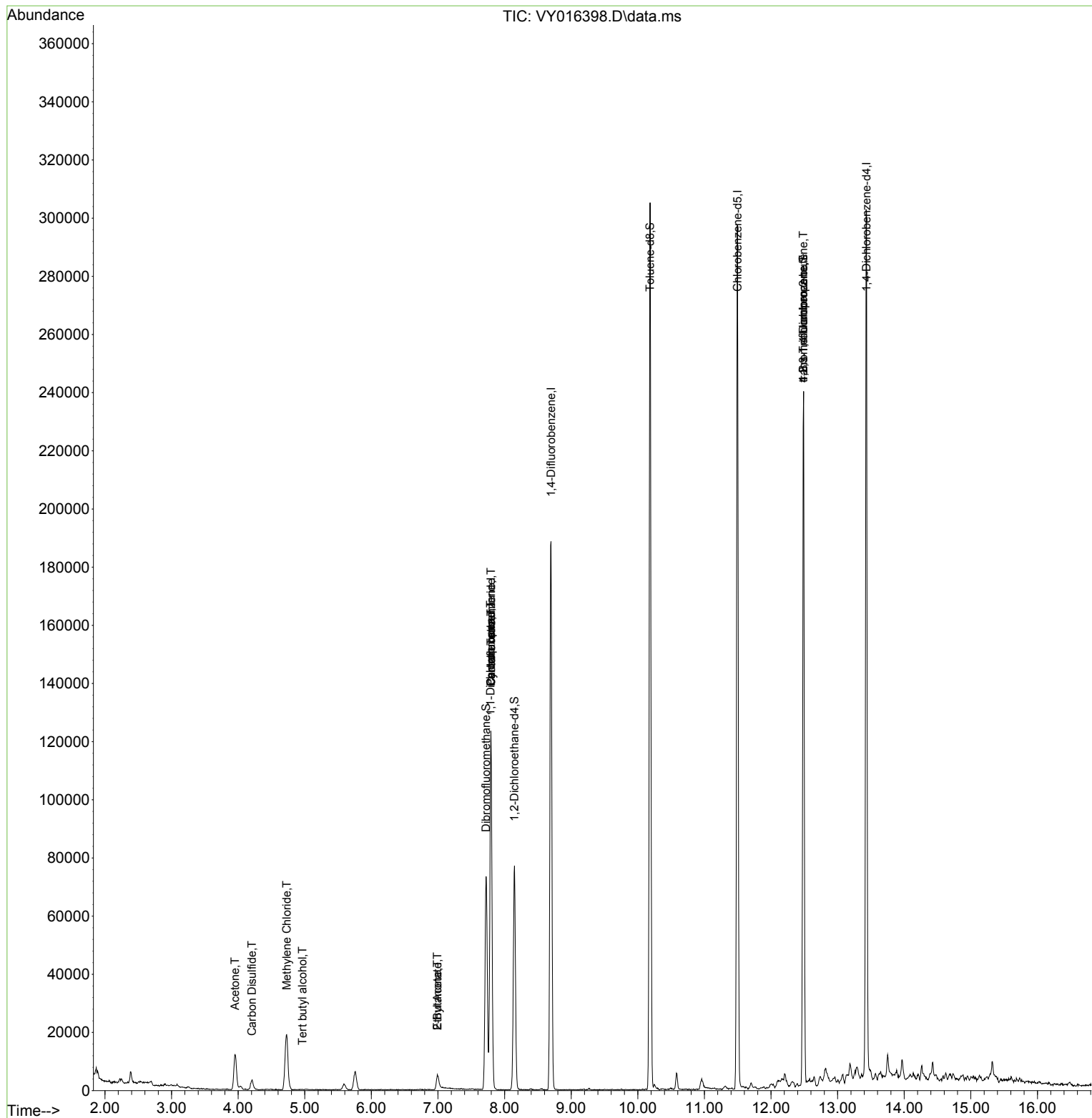
Internal Standards						
1) Pentafluorobenzene	7.795	168	96387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	79347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59624	67.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.360%	
35) Dibromofluoromethane	7.722	113	53459	55.314	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.620%	
50) Toluene-d8	10.185	98	200689	51.206	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.420%	
62) 4-Bromofluorobenzene	12.483	95	73593	57.815	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	72	1.044	ug/l #	89
16) Acetone	3.954	43	22544	154.709	ug/l #	87
17) Carbon Disulfide	4.204	76	4908	1.670	ug/l	99
20) Methylene Chloride	4.728	84	15586	12.532	ug/l	85
25) 2-Butanone	6.990	43	8860	34.713	ug/l	96
31) Cyclohexane	7.795	56	1867	1.076	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7400	4.410	ug/l #	50
37) Ethyl Acetate	6.990	43	8860	13.067	ug/l #	72
38) Carbon Tetrachloride	7.795	117	9435	5.417	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	37573	49.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37573	107.145	ug/l #	11

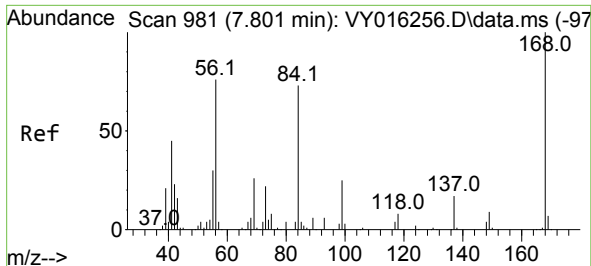
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
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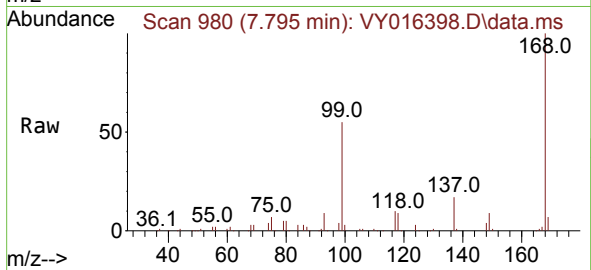
Quant Time: Nov 17 05:19:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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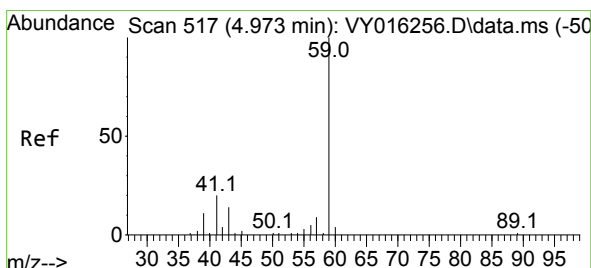
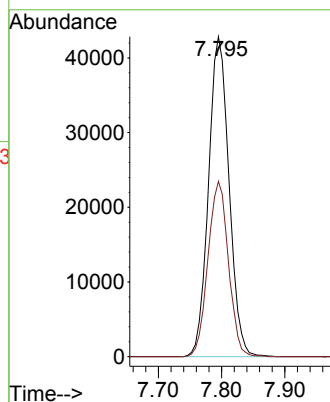
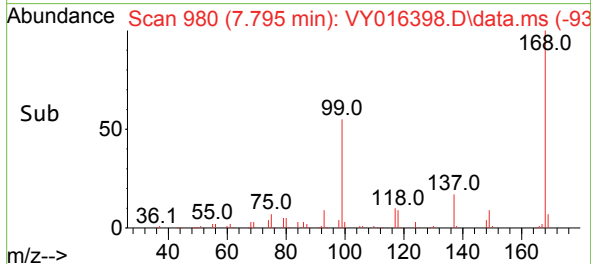


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Instrument :
MSVOA_Y
ClientSampleId :

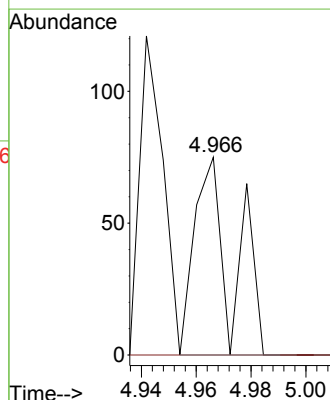
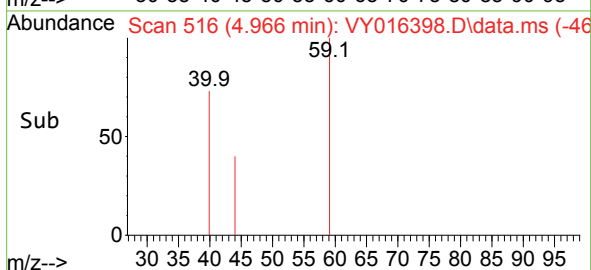
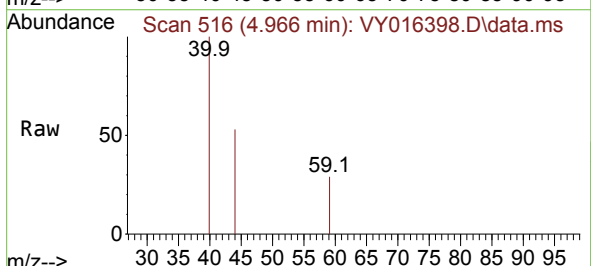


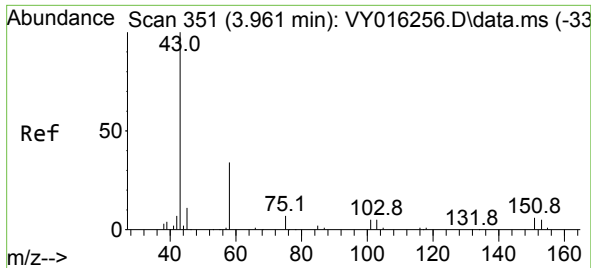
Tgt Ion:168 Resp: 96387
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.044 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 154.709 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

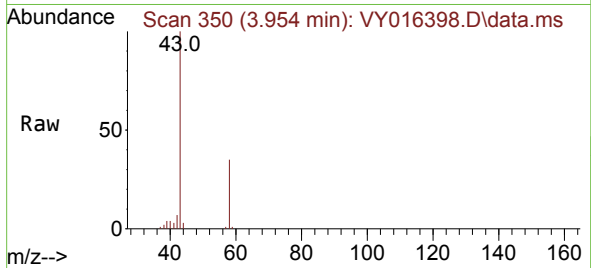
Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

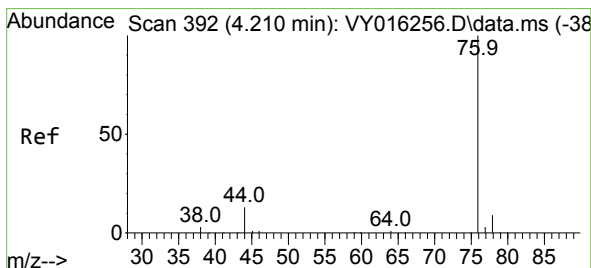
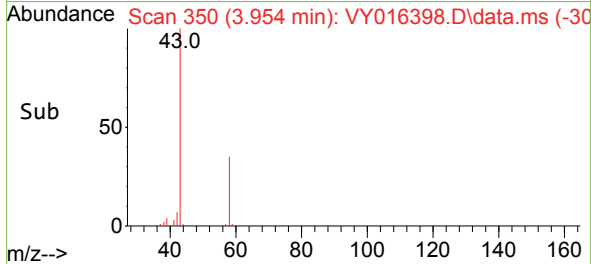
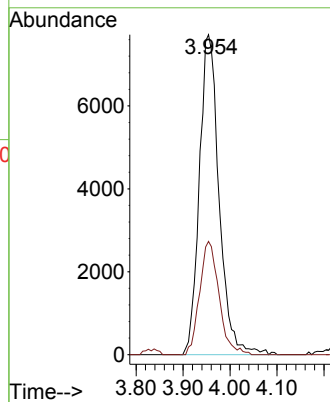


Tgt Ion: 43 Resp: 22544

Ion Ratio Lower Upper

43 100

58 35.4 22.7 34.1#



#17

Carbon Disulfide

Concen: 1.670 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016398.D

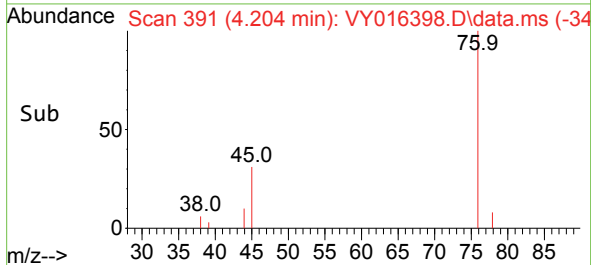
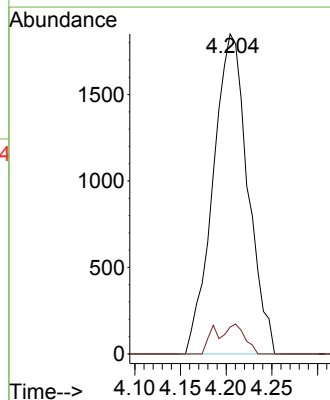
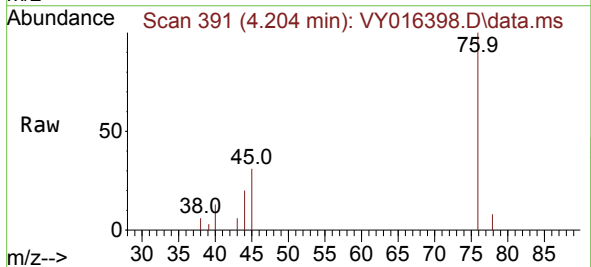
Acq: 16 Nov 2023 18:24

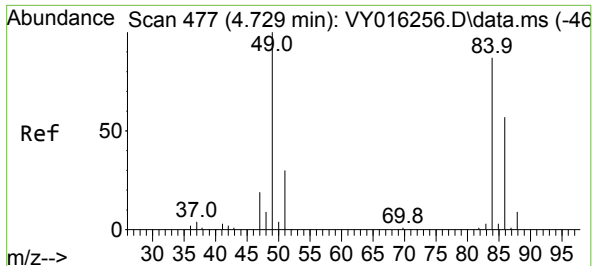
Tgt Ion: 76 Resp: 4908

Ion Ratio Lower Upper

76 100

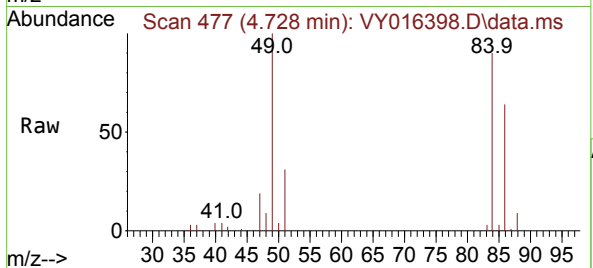
78 8.4 7.0 10.4



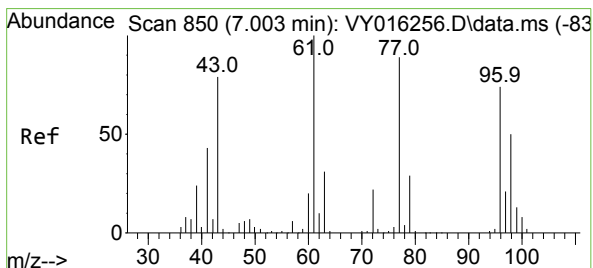
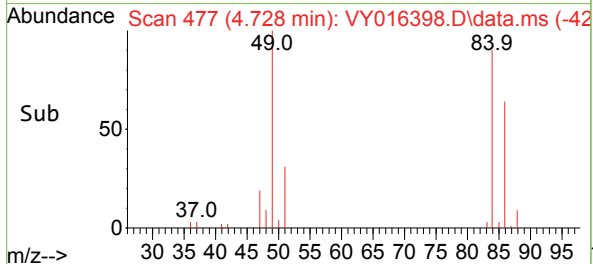
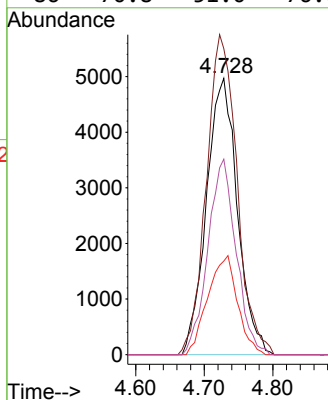


#20
Methylene Chloride
Concen: 12.532 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Instrument :
MSVOA_Y
ClientSampleId :

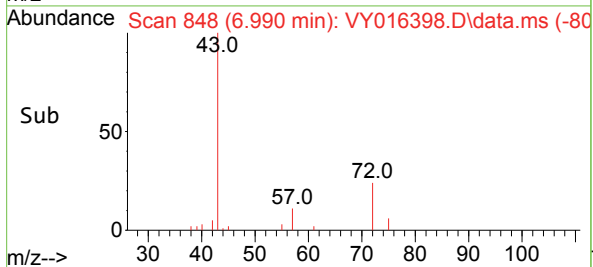
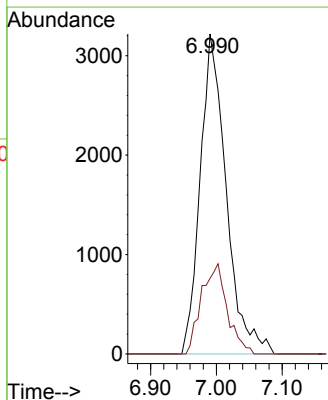
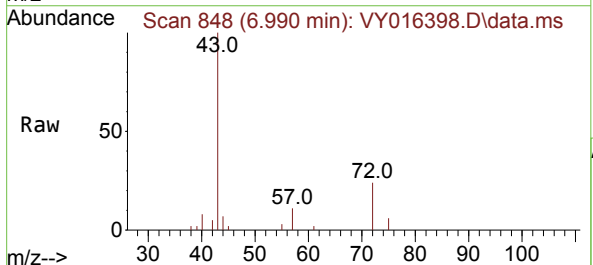


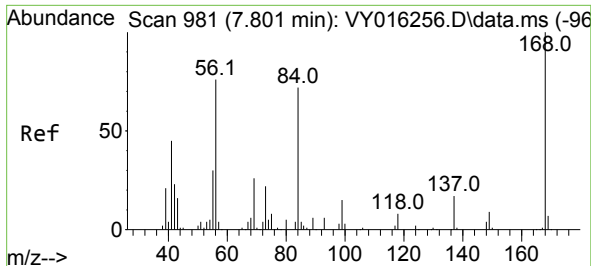
Tgt Ion:	84	Resp:	15586
Ion	Ratio	Lower	Upper
84	100		
49	110.8	106.9	160.3
51	33.8	33.2	49.8
86	70.8	51.0	76.6



#25
2-Butanone
Concen: 34.713 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Tgt Ion:	43	Resp:	8860
Ion	Ratio	Lower	Upper
43	100		
72	23.6	20.5	30.7

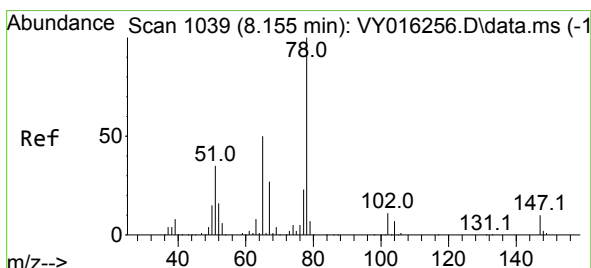
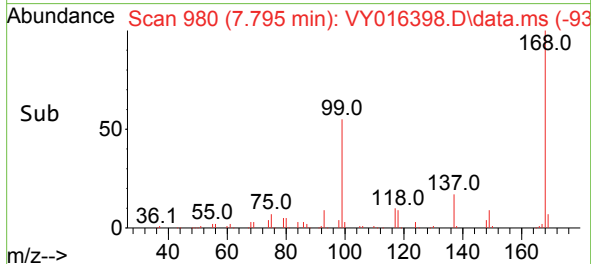
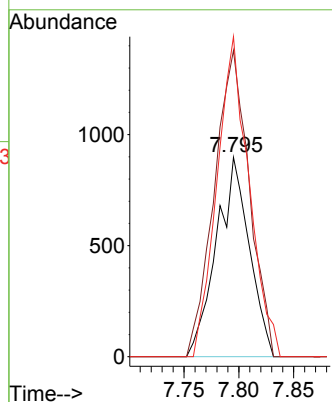
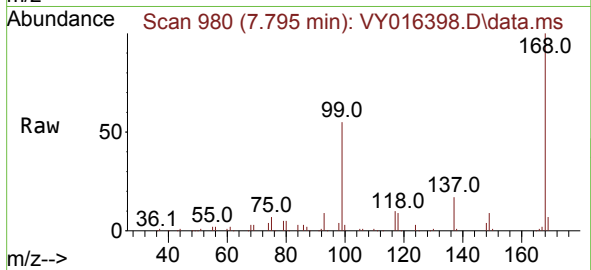




#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

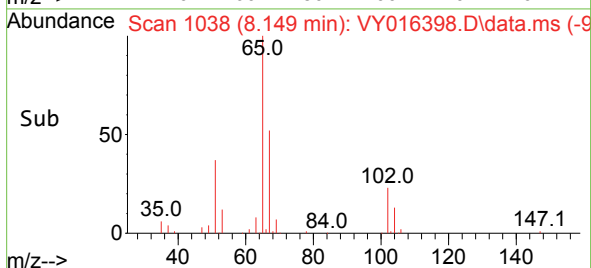
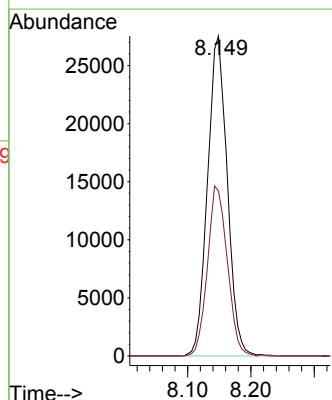
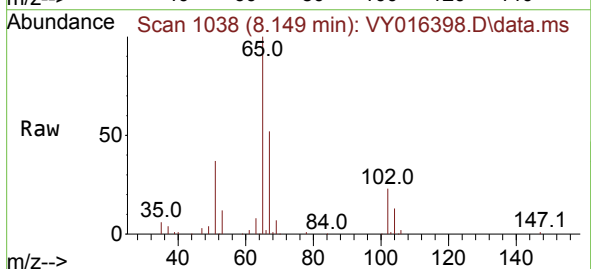
Instrument :
MSVOA_Y
ClientSampleId :

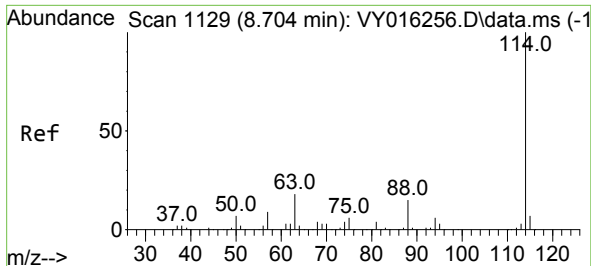
Tgt Ion: 56 Resp: 1867
Ion Ratio Lower Upper
56 100
69 153.6 27.8 41.6#
84 160.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.682 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Tgt Ion: 65 Resp: 59624
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

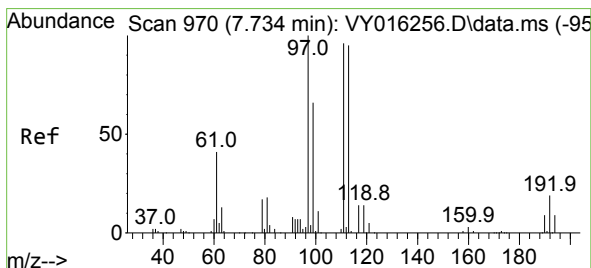
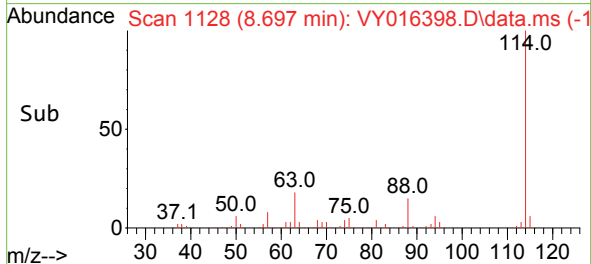
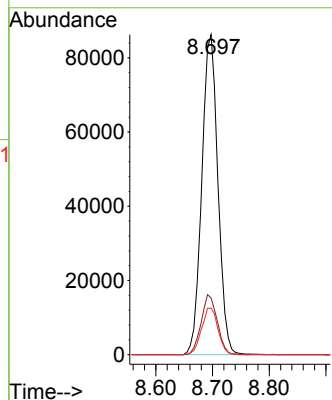
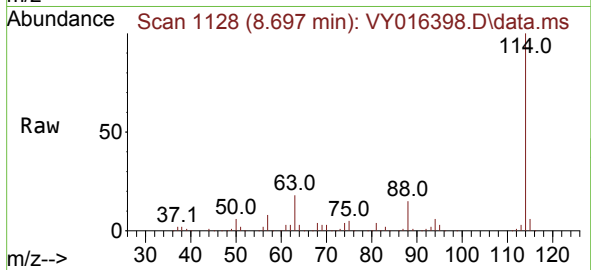
Tgt Ion:114 Resp: 170134

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.314 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

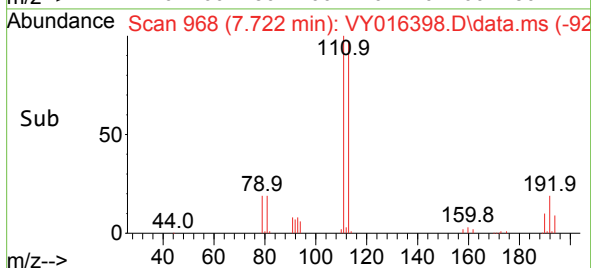
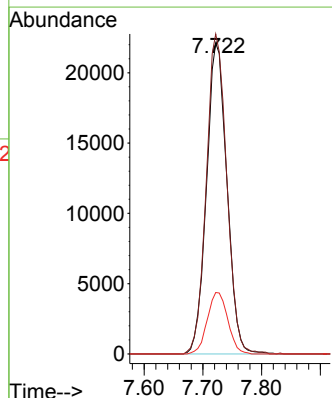
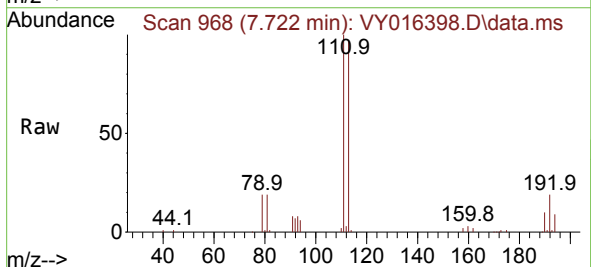
Tgt Ion:113 Resp: 53459

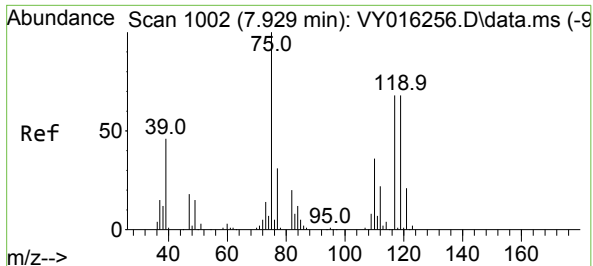
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

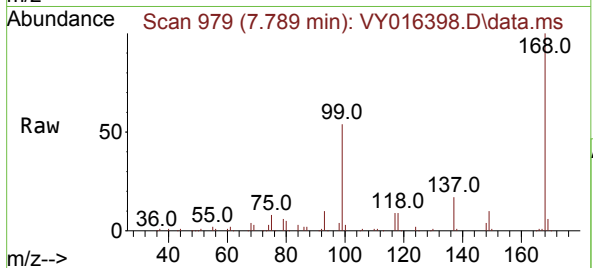
192 19.8 16.9 25.3



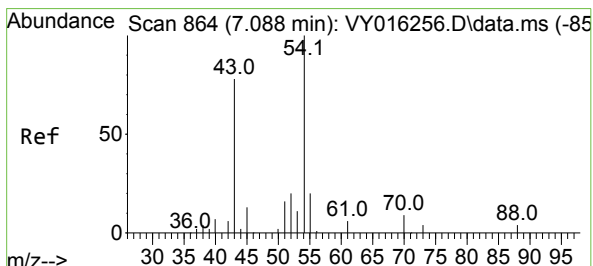
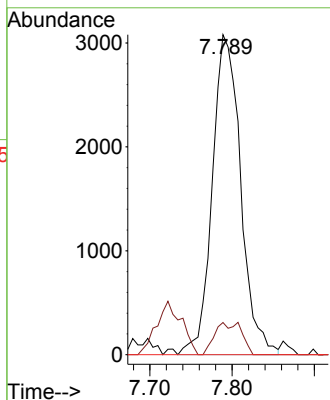
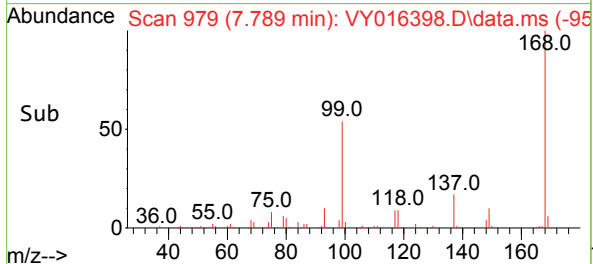


#36
 1,1-Dichloropropene
 Concen: 4.410 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY016398.D
 Acq: 16 Nov 2023 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :

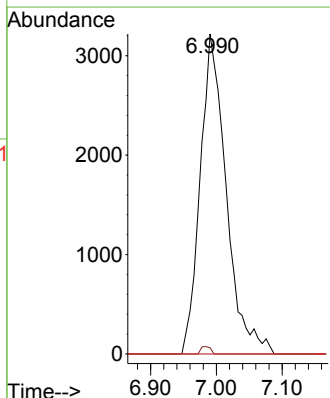
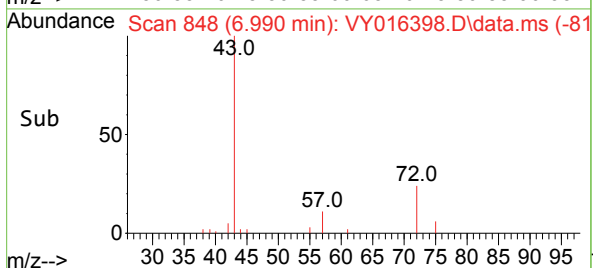
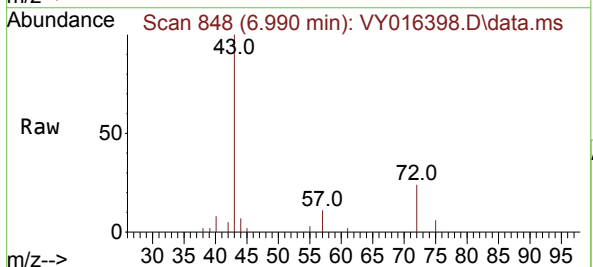


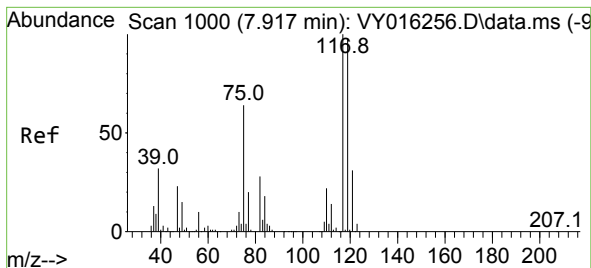
Tgt Ion: 75 Resp: 7400
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.5#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 13.067 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.098 min
 Lab File: VY016398.D
 Acq: 16 Nov 2023 18:24

Tgt Ion: 43 Resp: 8860
 Ion Ratio Lower Upper
 43 100
 61 0.8 10.1 15.1#
 70 0.0 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 5.417 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

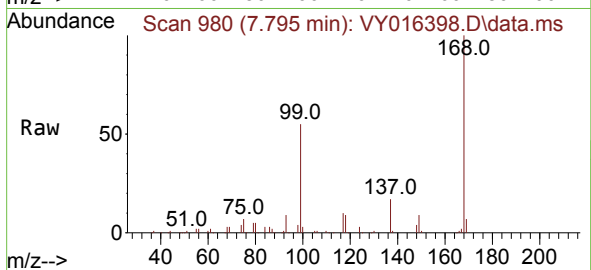
Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :



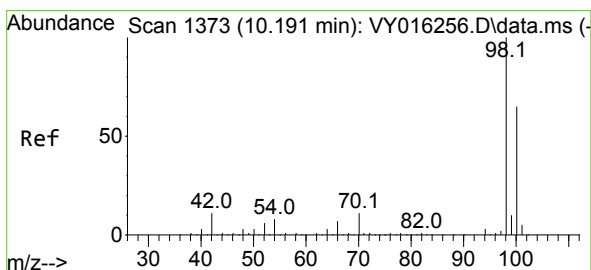
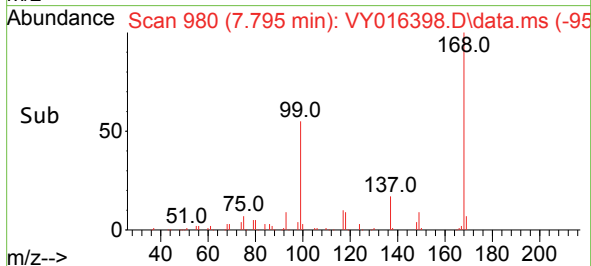
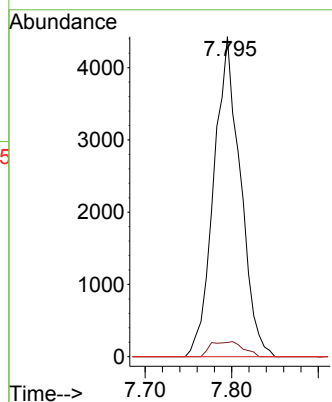
Tgt Ion:117 Resp: 9435

Ion Ratio Lower Upper

117 100

119 4.5 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.206 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016398.D

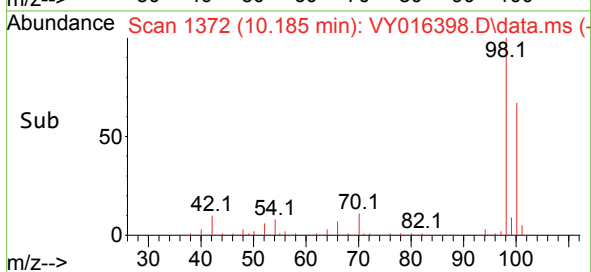
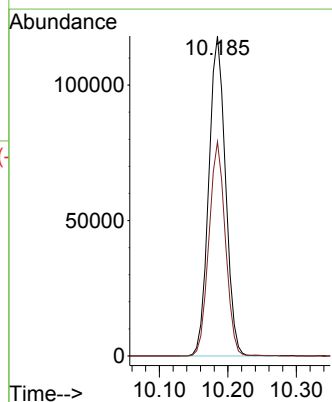
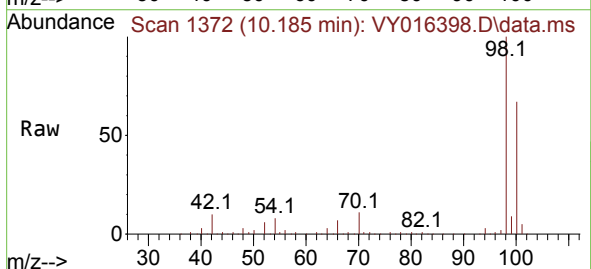
Acq: 16 Nov 2023 18:24

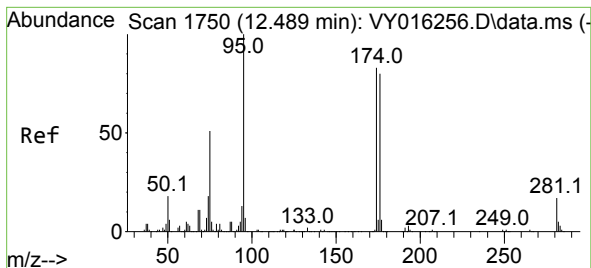
Tgt Ion: 98 Resp: 200689

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

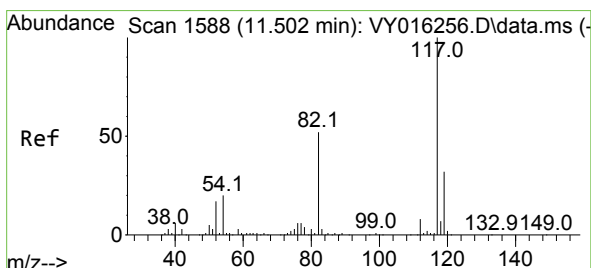
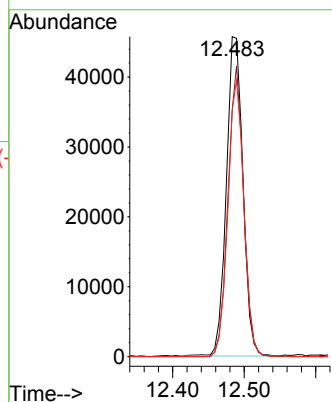
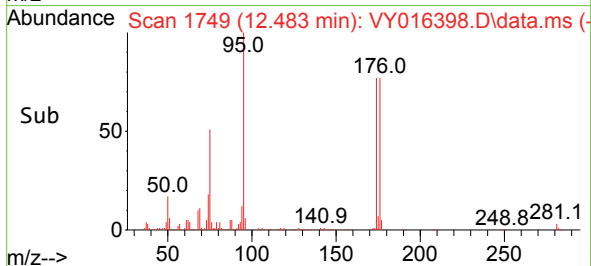
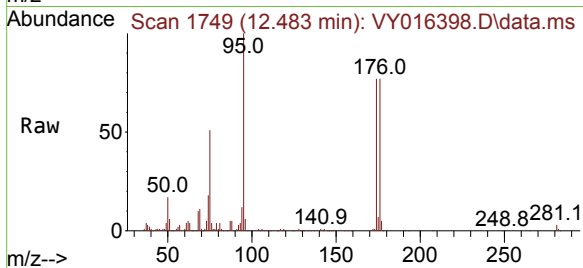




#62
4-Bromofluorobenzene
Concen: 57.815 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

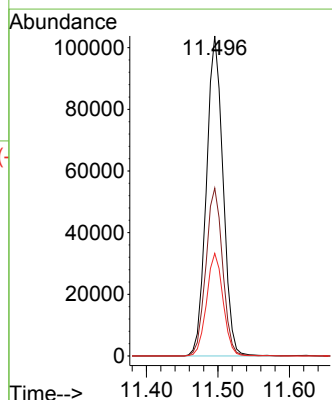
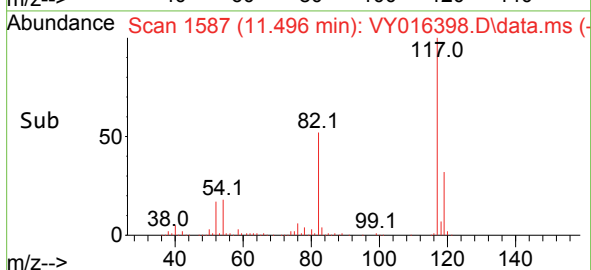
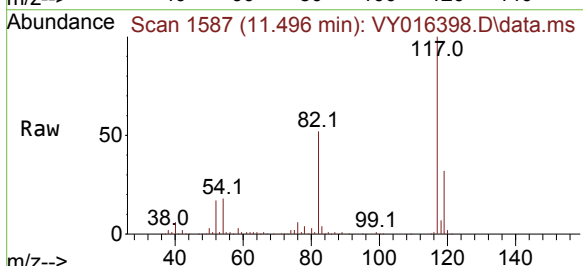
Instrument :
MSVOA_Y
ClientSampleId :

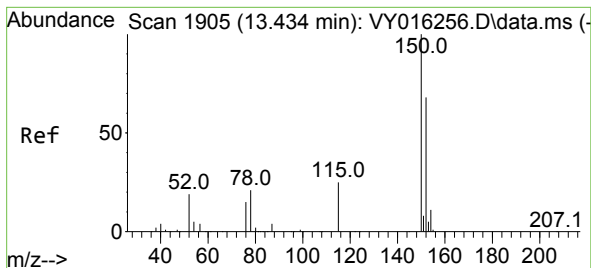
Tgt Ion: 95 Resp: 73593
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016398.D
Acq: 16 Nov 2023 18:24

Tgt Ion: 117 Resp: 167545
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

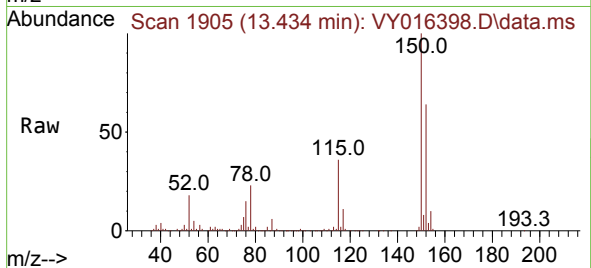
Lab File: VY016398.D

Acq: 16 Nov 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :



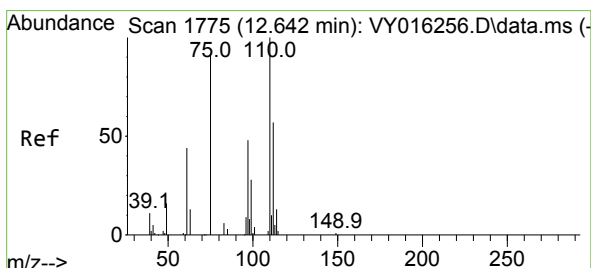
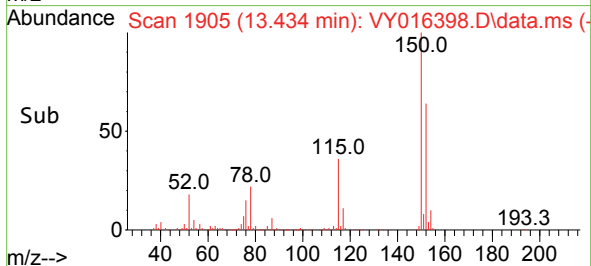
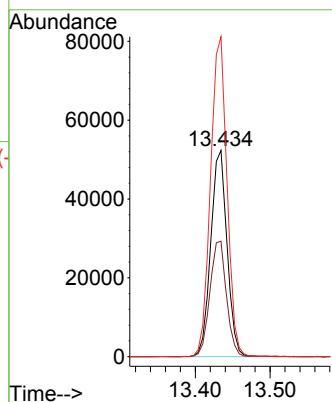
Tgt Ion:152 Resp: 79347

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 156.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 49.362 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.159 min

Lab File: VY016398.D

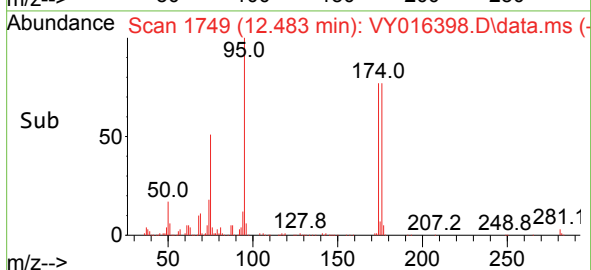
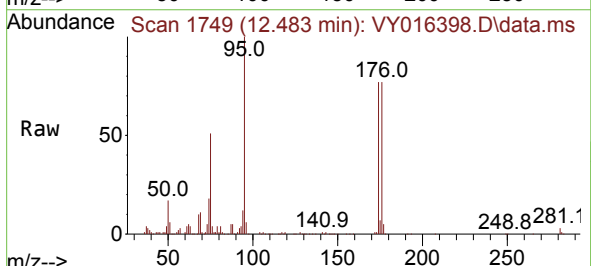
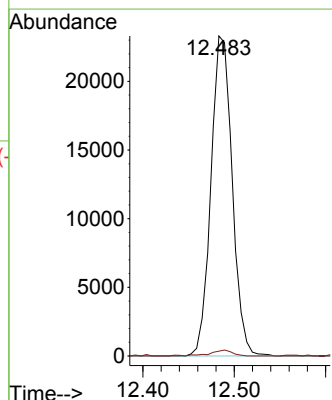
Acq: 16 Nov 2023 18:24

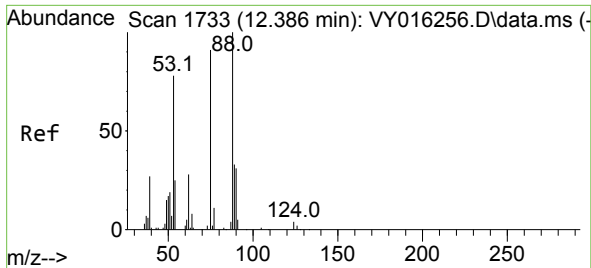
Tgt Ion: 75 Resp: 37573

Ion Ratio Lower Upper

75 100

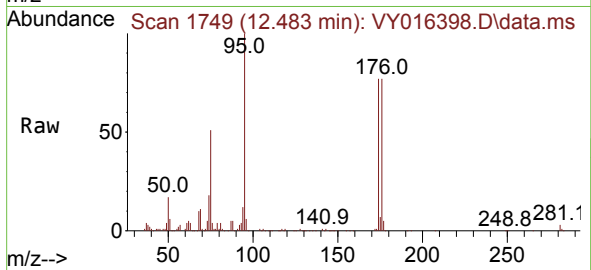
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.145 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY016398.D
 Acq: 16 Nov 2023 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.4	77.8	116.8#
89	0.2	37.4	56.0#

