

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016397.D
 Acq On : 16 Nov 2023 18:01
 Operator : SY/MD
 Sample : 05445-04
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:09:54 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)

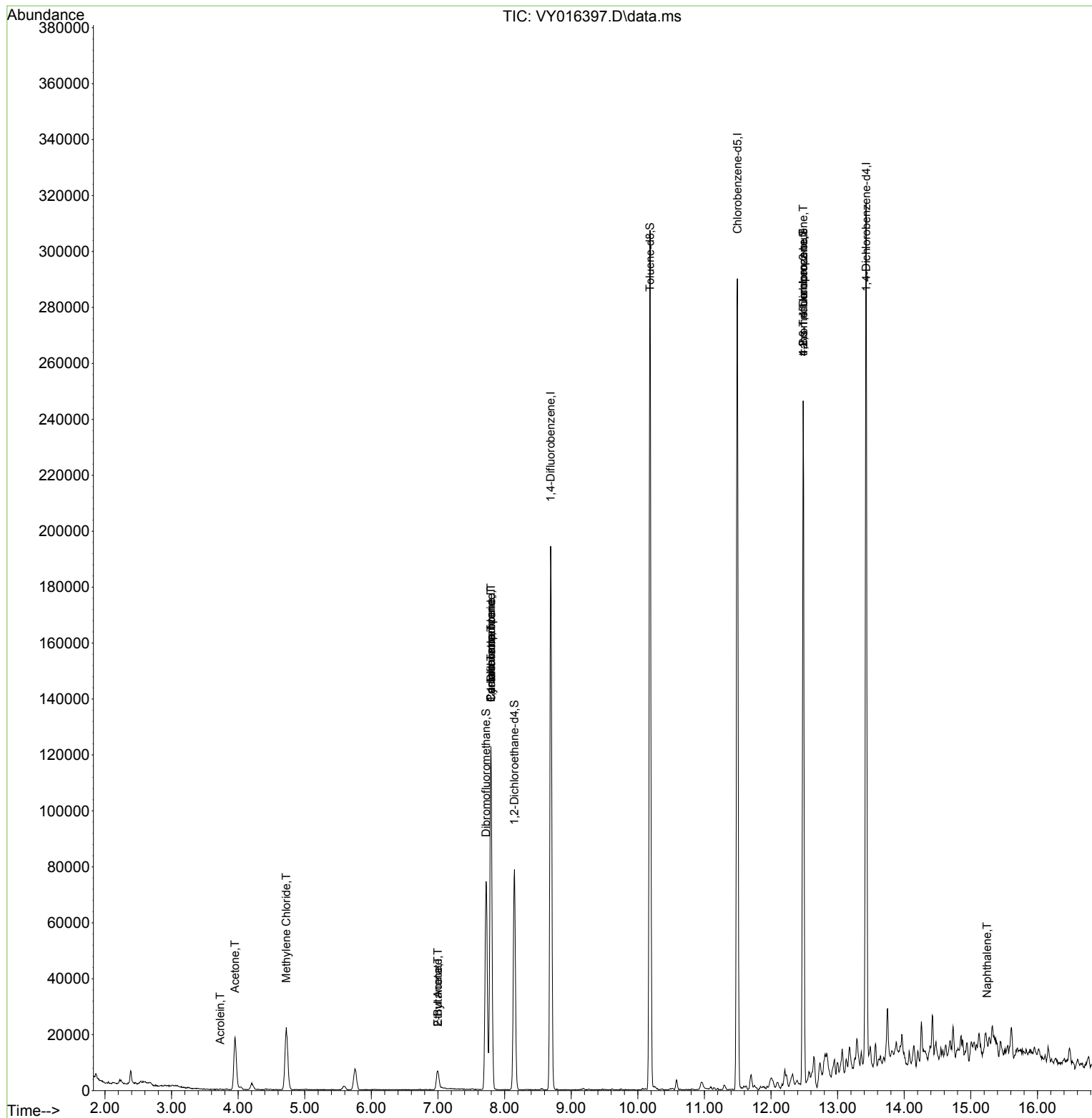
Internal Standards						
1) Pentafluorobenzene	7.795	168	97274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171076	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	167879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62199	69.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.920%	
35) Dibromofluoromethane	7.722	113	53860	55.422	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.185	98	203295	51.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.483	95	71741	56.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.100%	
Target Compounds						
					Qvalue	
13) Acrolein	3.729	56	142	1.691	ug/l #	34
16) Acetone	3.954	43	32279	219.496	ug/l #	86
20) Methylene Chloride	4.722	84	17283	14.140	ug/l #	89
25) 2-Butanone	6.996	43	11898	46.191	ug/l #	86
31) Cyclohexane	7.795	56	1875	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7452	4.416	ug/l #	50
37) Ethyl Acetate	6.996	43	11898	17.450	ug/l #	71
38) Carbon Tetrachloride	7.795	117	9369	5.350	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	37766	49.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37766	107.213	ug/l #	11
95) Naphthalene	15.245	128	3657	1.457	ug/l #	91

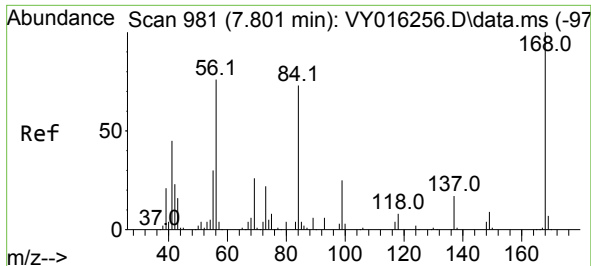
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
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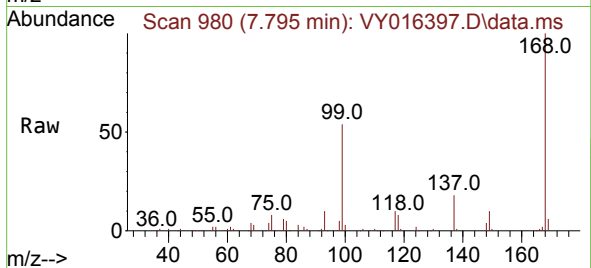
Quant Time: Nov 17 04:09:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



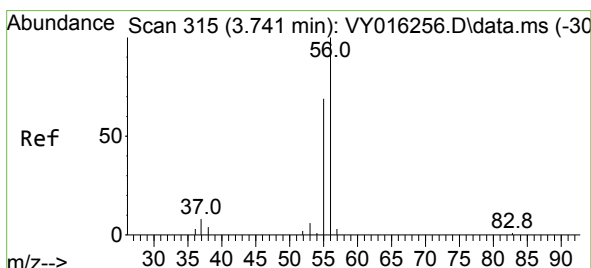
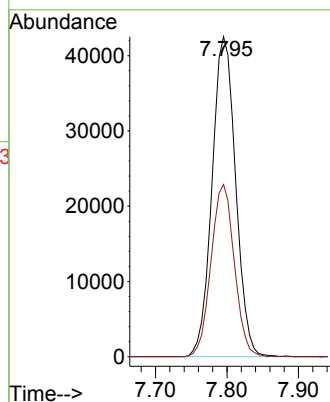
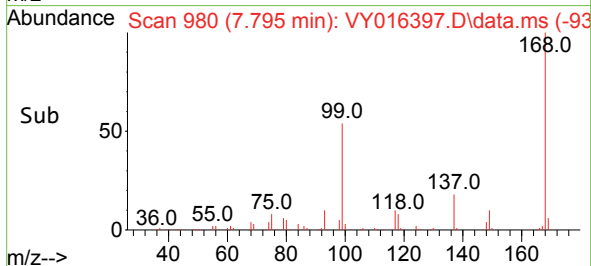


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

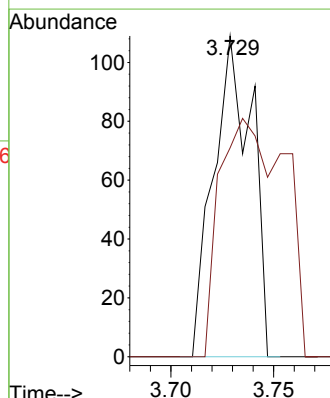
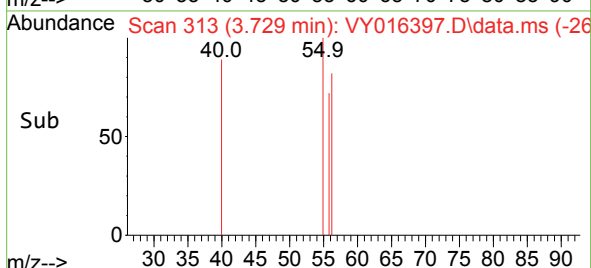
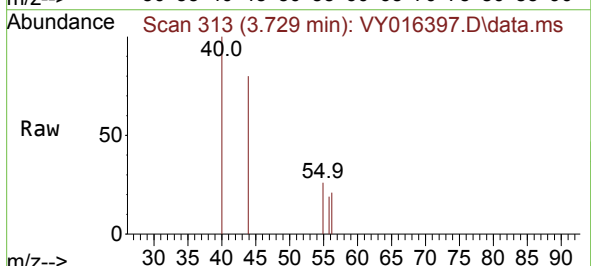


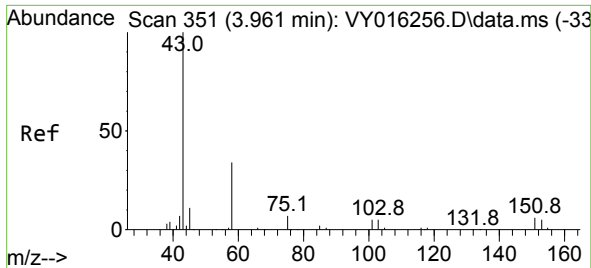
Tgt Ion:168 Resp: 97274
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#13
Acrolein
Concen: 1.691 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 126.1 57.0 85.4#





#16

Acetone

Concen: 219.496 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

Instrument :

MSVOA_Y

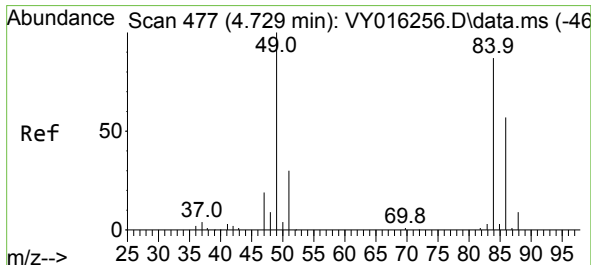
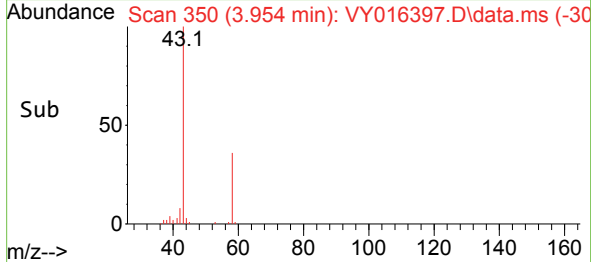
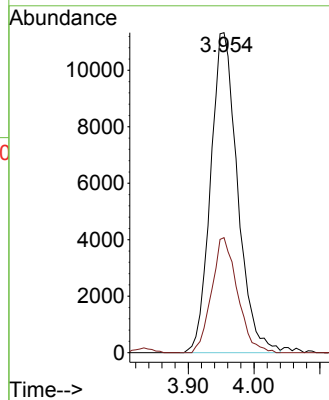
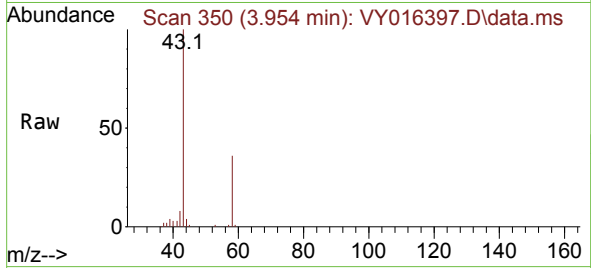
ClientSampleId :

Tgt Ion: 43 Resp: 32279

Ion Ratio Lower Upper

43 100

58 35.9 22.7 34.1#



#20

Methylene Chloride

Concen: 14.140 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

Tgt Ion: 84 Resp: 17283

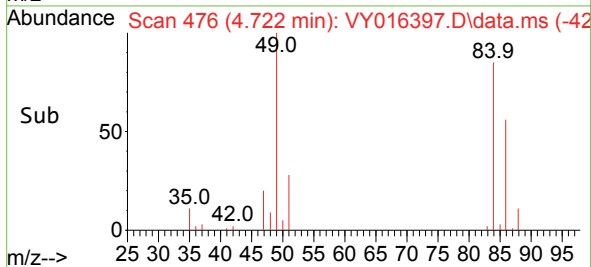
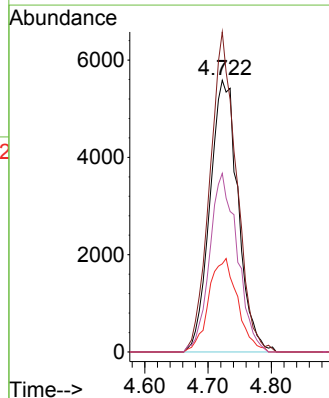
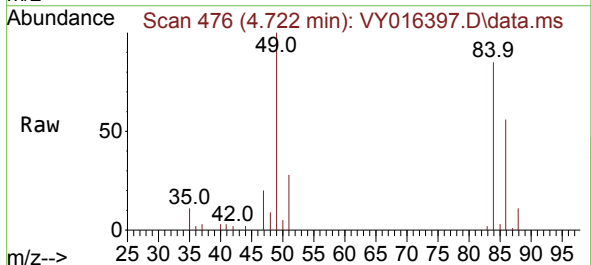
Ion Ratio Lower Upper

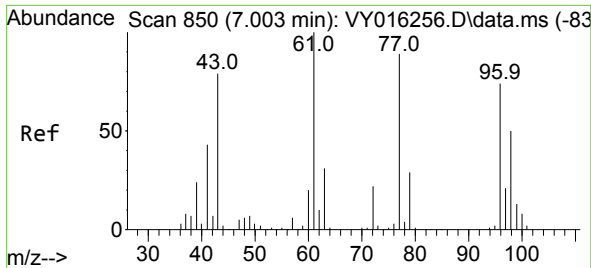
84 100

49 117.8 106.9 160.3

51 32.5 33.2 49.8#

86 65.7 51.0 76.6

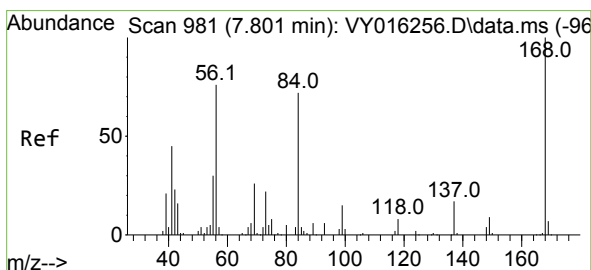
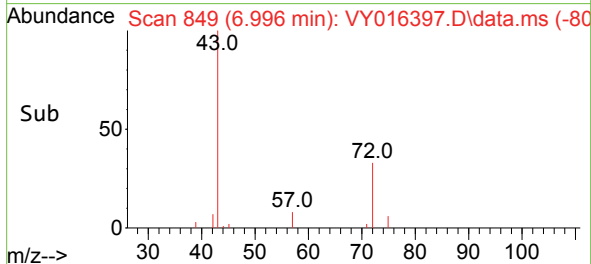
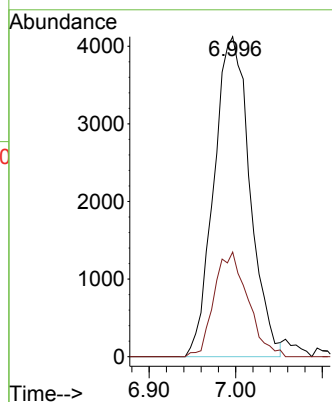
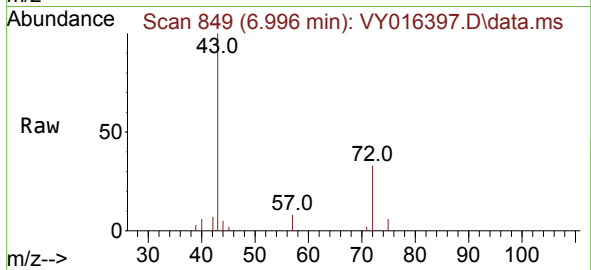




#25
2-Butanone
Concen: 46.191 ug/l
RT: 6.996 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

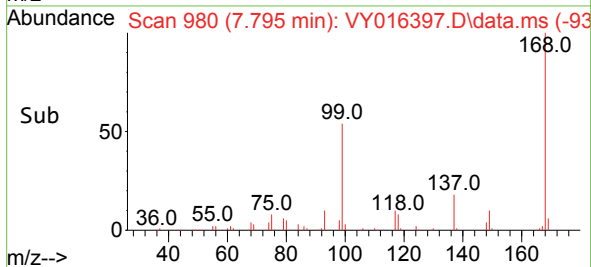
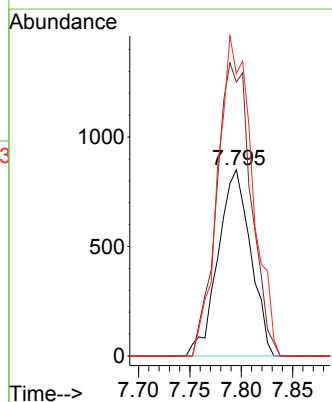
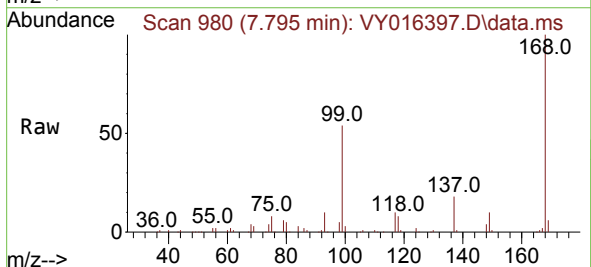
Instrument :
MSVOA_Y
ClientSampleId :

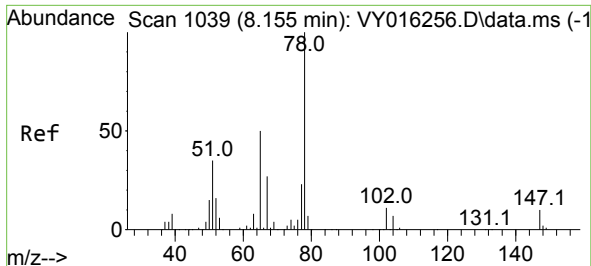
Tgt Ion: 43 Resp: 11898
Ion Ratio Lower Upper
43 100
72 32.7 20.5 30.7#



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Tgt Ion: 56 Resp: 1875
Ion Ratio Lower Upper
56 100
69 147.0 27.8 41.6#
84 151.6 66.4 99.6#

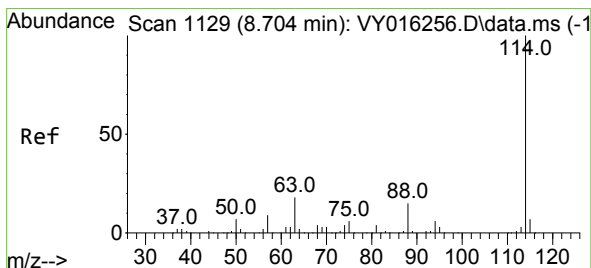
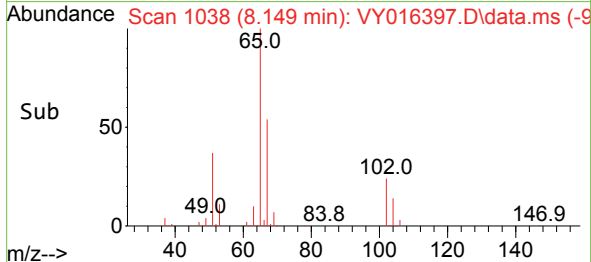
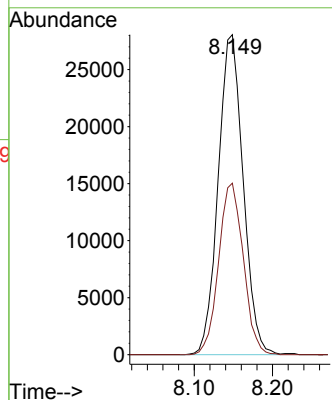
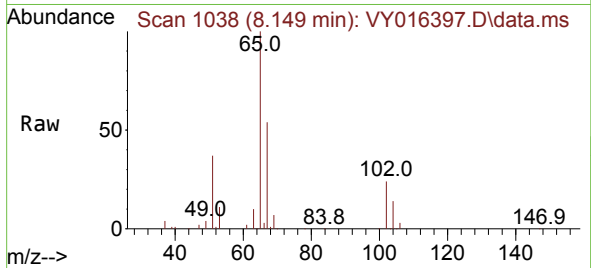




#33
1,2-Dichloroethane-d4
Concen: 69.961 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

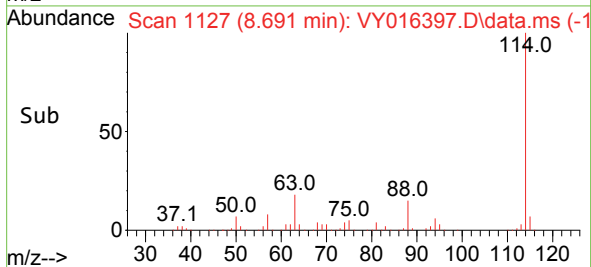
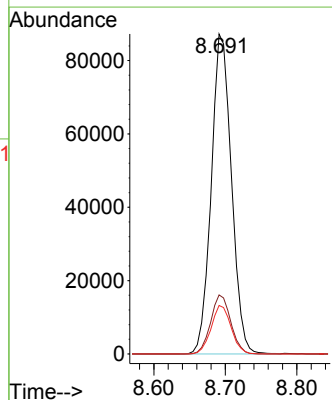
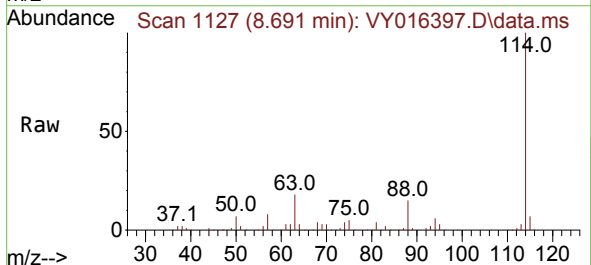
Instrument :
MSVOA_Y
ClientSampleId :

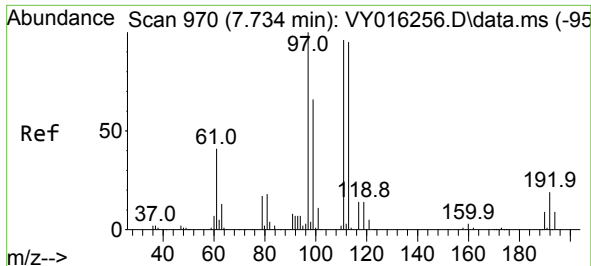
Tgt Ion: 65 Resp: 62199
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

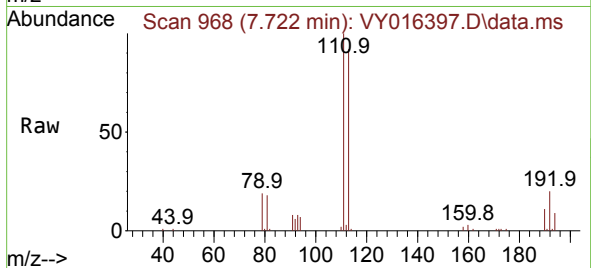
Tgt Ion: 114 Resp: 171076
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 15.1 0.0 30.6



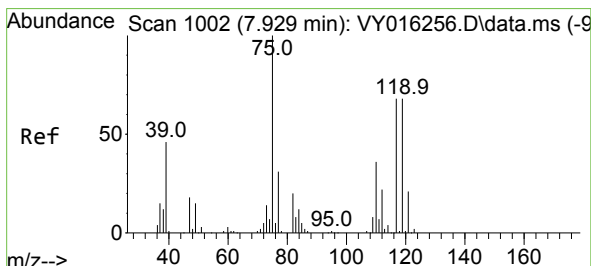
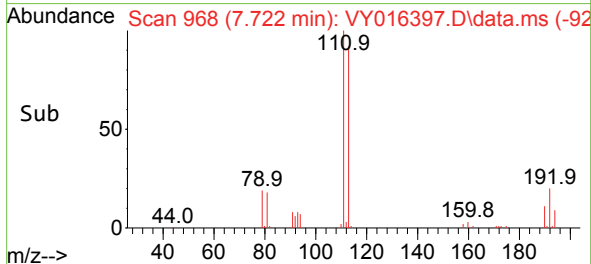
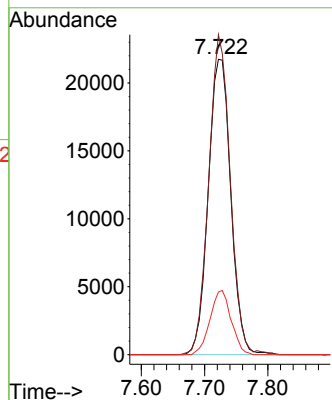


#35
Dibromofluoromethane
Concen: 55.422 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

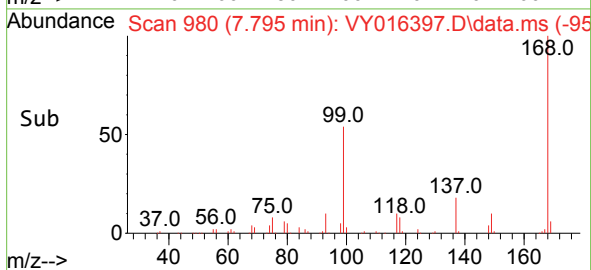
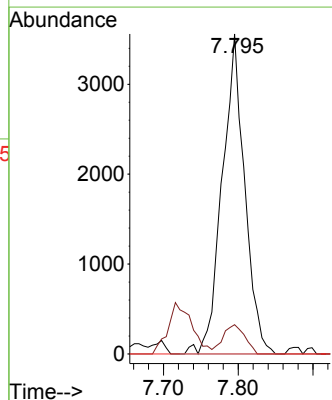
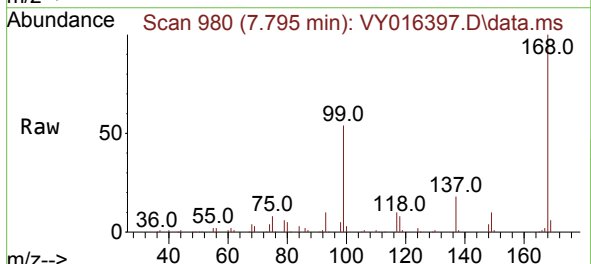


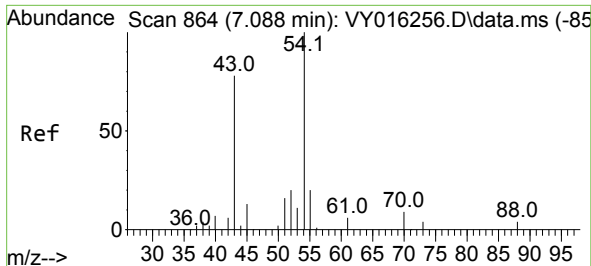
Tgt Ion:113 Resp: 53860
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.416 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Tgt Ion: 75 Resp: 7452
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 17.450 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.092 min

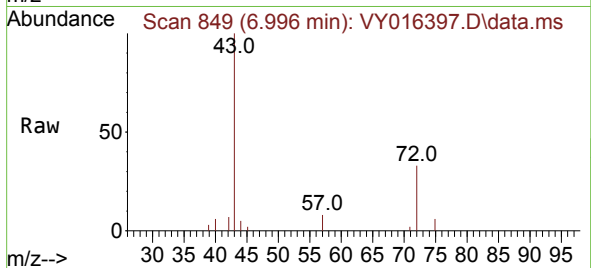
Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :



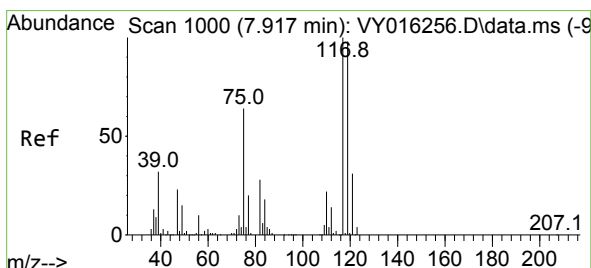
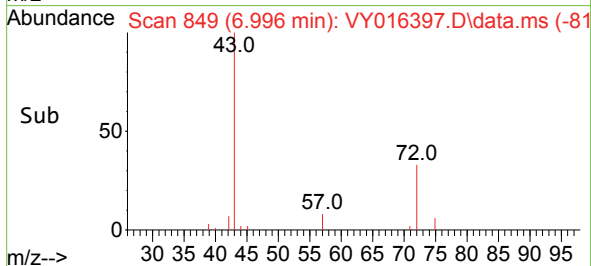
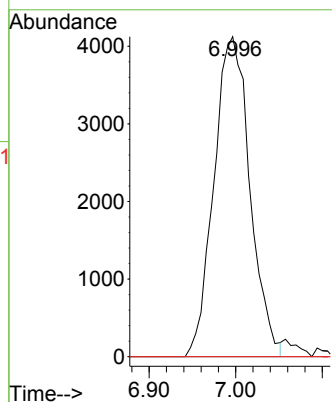
Tgt Ion: 43 Resp: 11898

Ion Ratio Lower Upper

43 100

61 0.0 10.1 15.1#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.350 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY016397.D

Acq: 16 Nov 2023 18:01

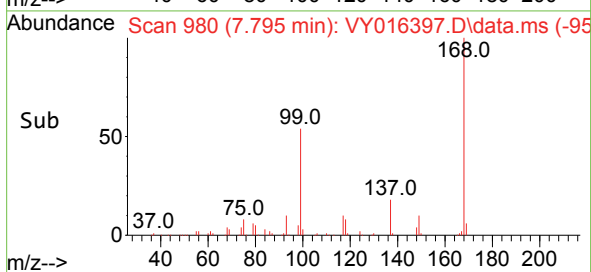
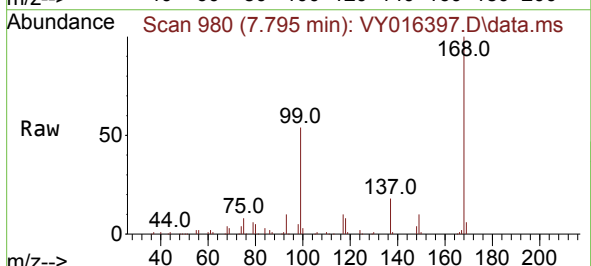
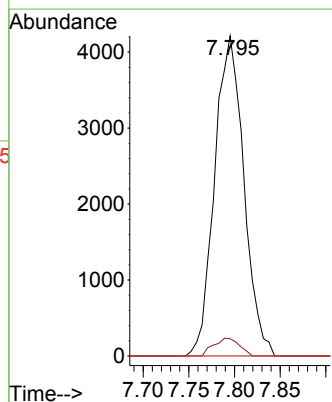
Tgt Ion: 117 Resp: 9369

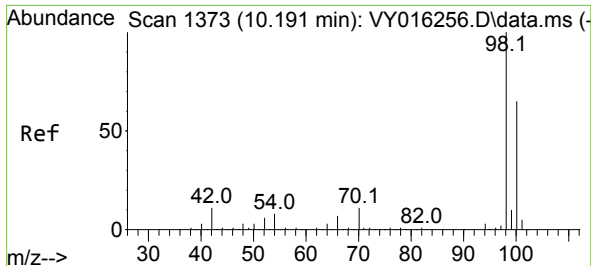
Ion Ratio Lower Upper

117 100

119 5.4 76.4 114.6#

121 0.0 25.8 38.6#

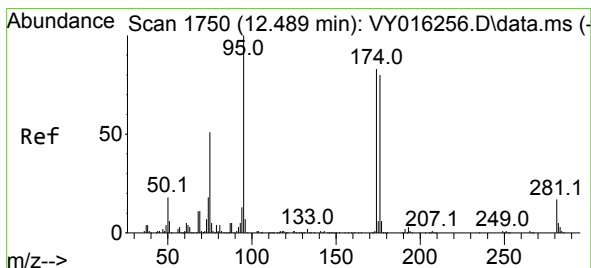
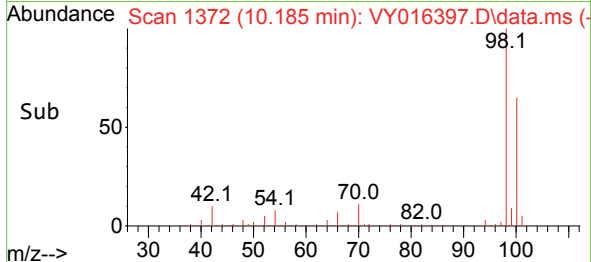
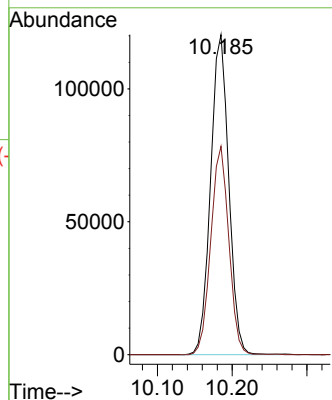
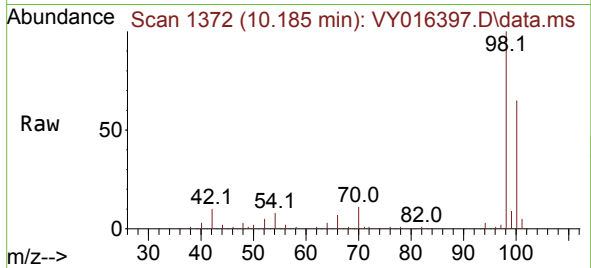




#50
Toluene-d8
Concen: 51.586 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

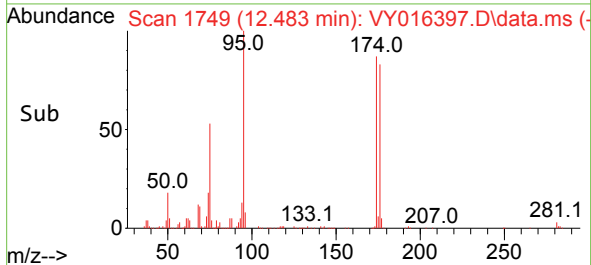
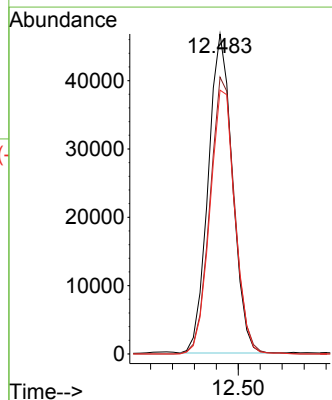
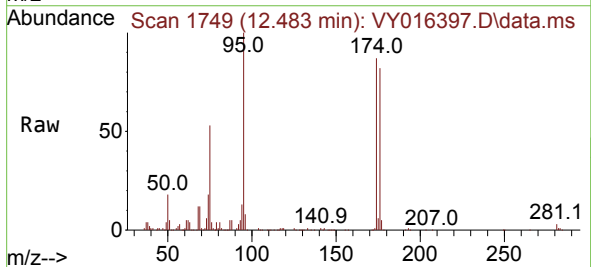
Instrument :
MSVOA_Y
ClientSampleId :

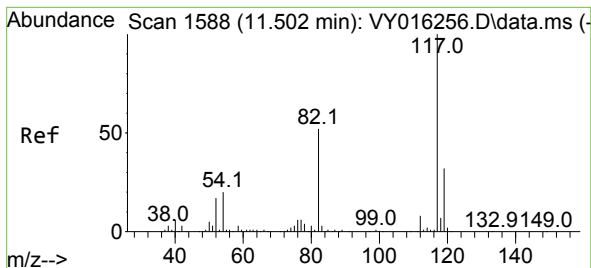
Tgt Ion: 98 Resp: 203295
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.050 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Tgt Ion: 95 Resp: 71741
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 85.3 0.0 173.8

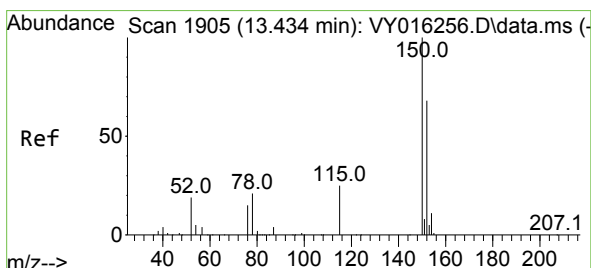
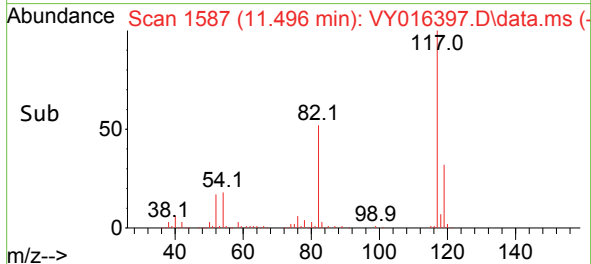
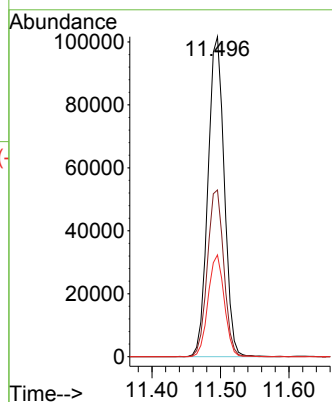
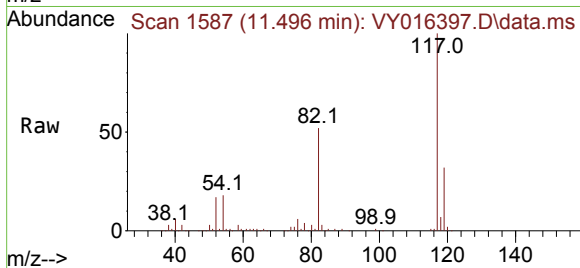




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

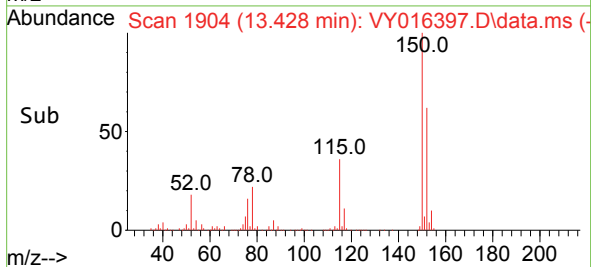
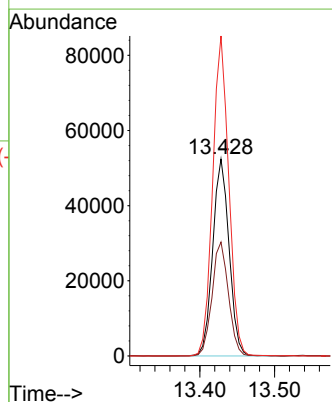
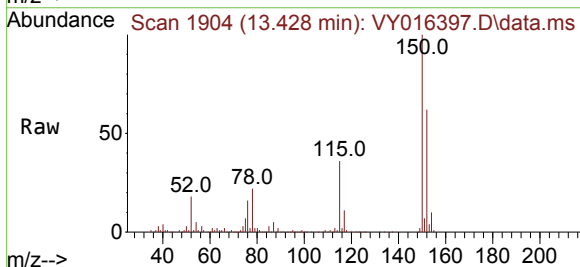
Instrument :
MSVOA_Y
ClientSampleId :

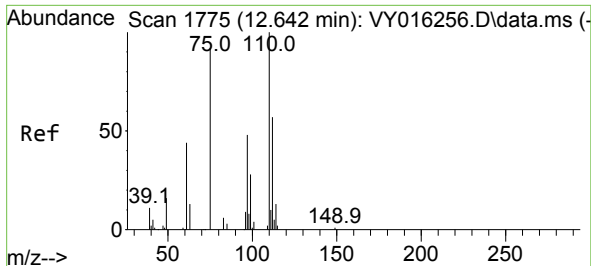
Tgt Ion:117 Resp: 167879
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

Tgt Ion:152 Resp: 79704
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 159.7 0.0 348.8

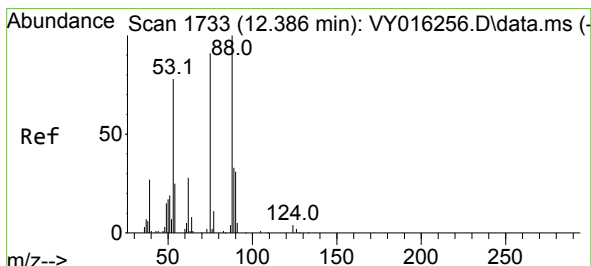
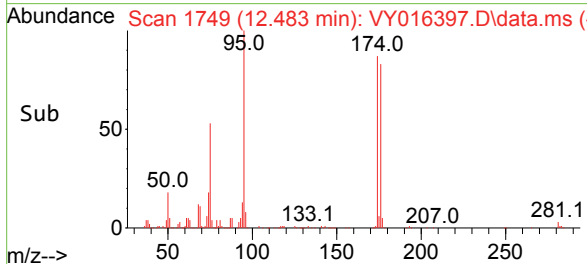
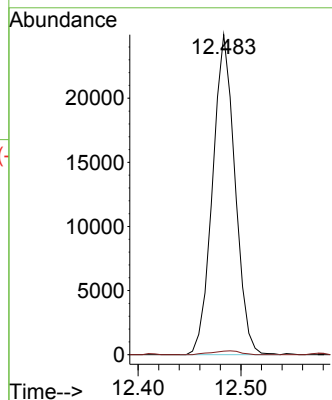
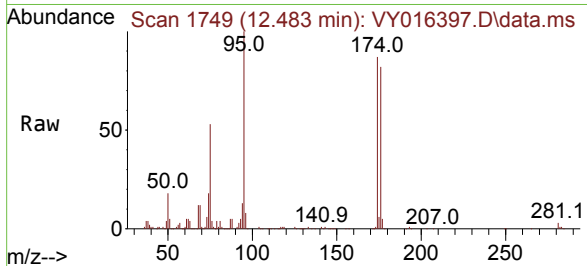




#76
1,2,3-Trichloropropane
Concen: 49.394 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.159 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

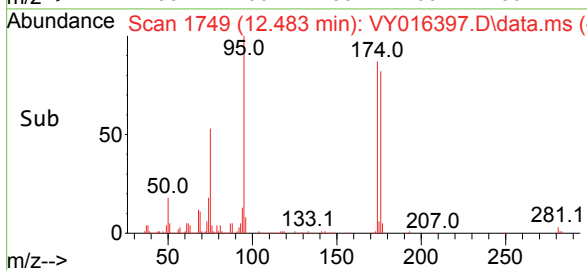
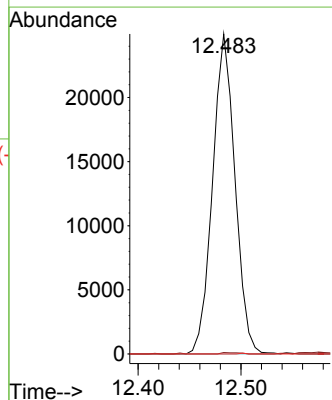
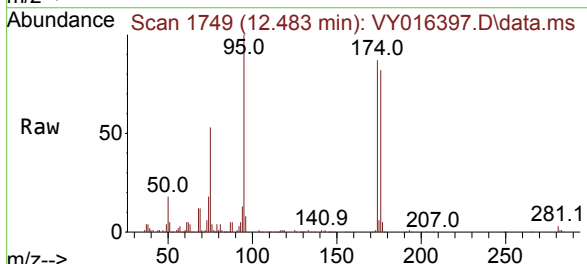
Instrument :
MSVOA_Y
ClientSampleId :

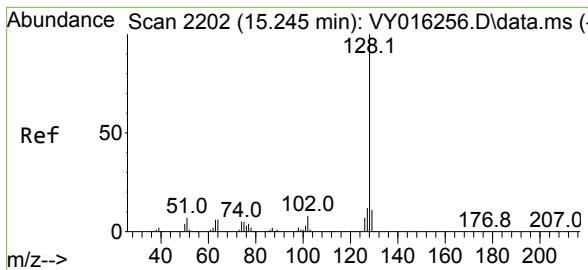
Tgt Ion: 75 Resp: 37766
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.213 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY016397.D
Acq: 16 Nov 2023 18:01

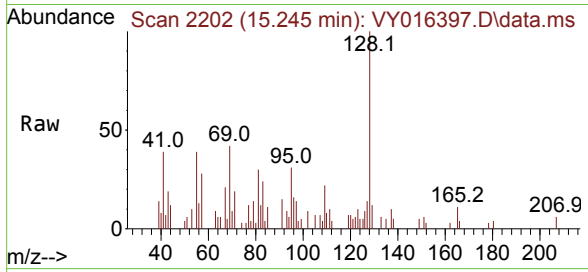
Tgt Ion: 75 Resp: 37766
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#





#95
 Naphthalene
 Concen: 1.457 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016397.D
 Acq: 16 Nov 2023 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	3657
Ion Ratio	Lower	Upper	
128	100		
127	19.2	10.8	16.2#
129	10.1	8.6	13.0

