

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016395.D
 Acq On : 16 Nov 2023 17:14
 Operator : SY/MD
 Sample : 05420-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:09:12 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)

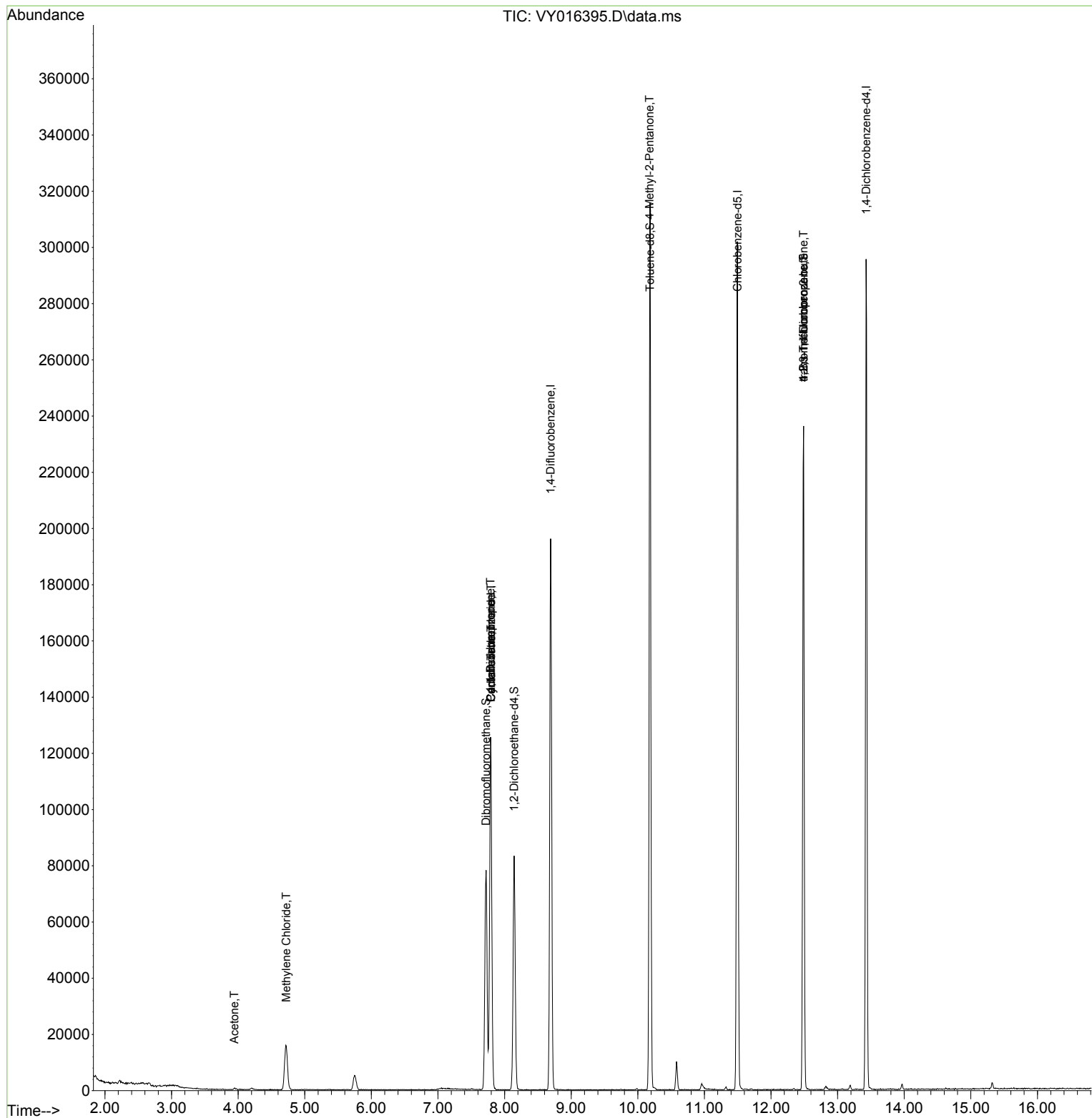
Internal Standards						
1) Pentafluorobenzene	7.795	168	98657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	176765	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	169757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63652	70.592	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.180%			
35) Dibromofluoromethane	7.722	113	56143	55.912	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.820%			
50) Toluene-d8	10.185	98	207918	51.061	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.489	95	72574	54.876	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.760%			
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	874	5.860	ug/l #	81
20) Methylene Chloride	4.722	84	13100	9.622	ug/l #	84
31) Cyclohexane	7.795	56	1798	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7501	4.302	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9785	5.407	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	760	1.104	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	36711	48.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	36711	106.058	ug/l #	10

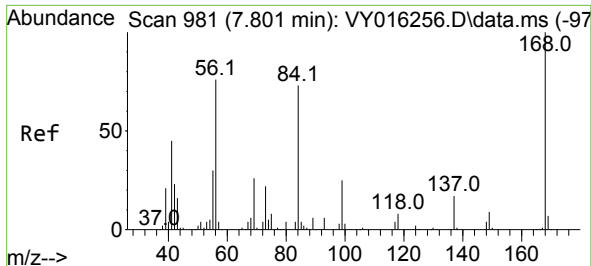
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: Nov 17 04:09:12 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

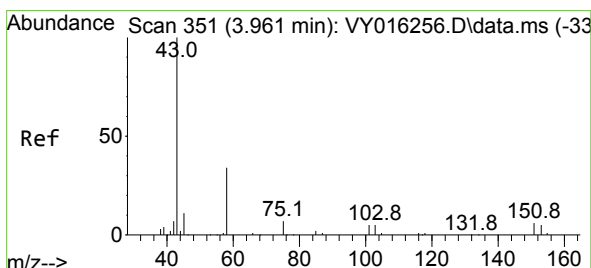
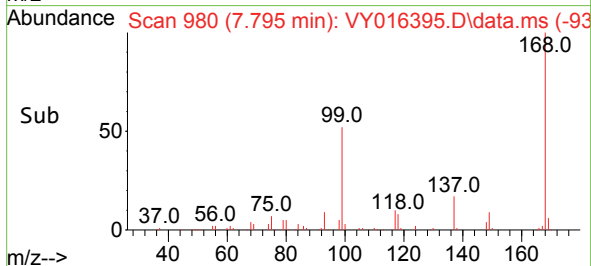
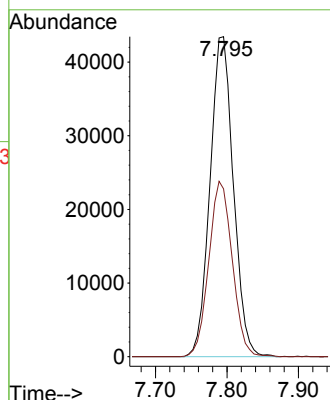
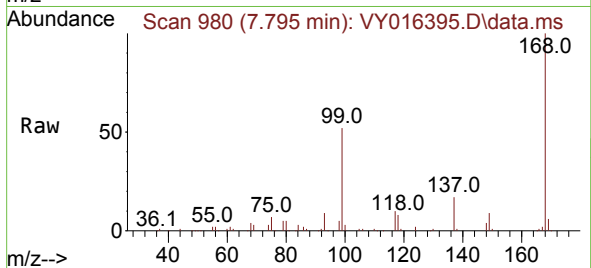




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

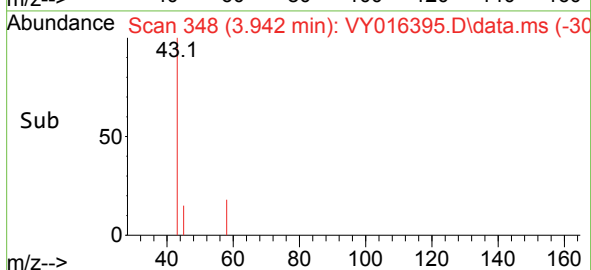
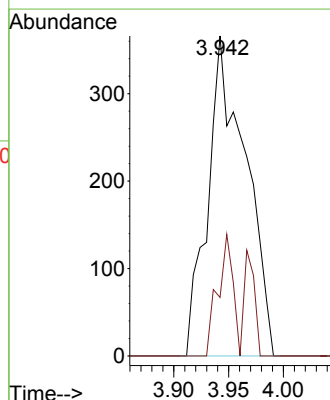
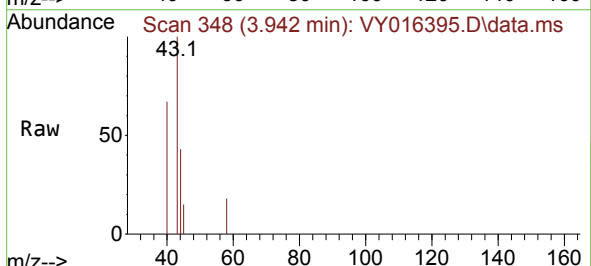
Instrument :
MSVOA_Y
ClientSampleId :

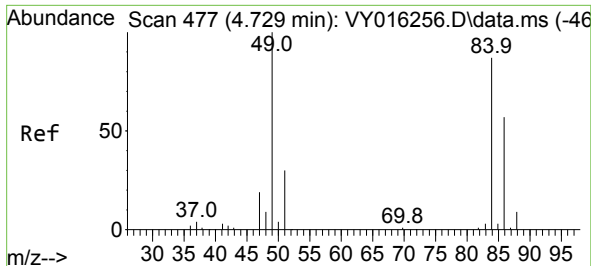
Tgt Ion:168 Resp: 98657
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#16
Acetone
Concen: 5.860 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

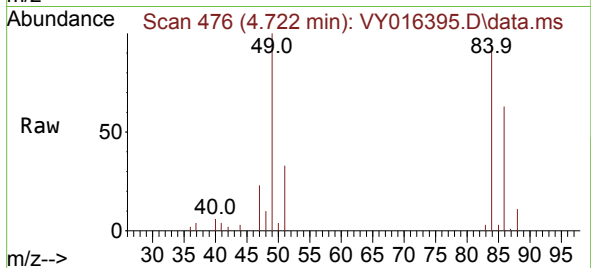
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 18.3 22.7 34.1#



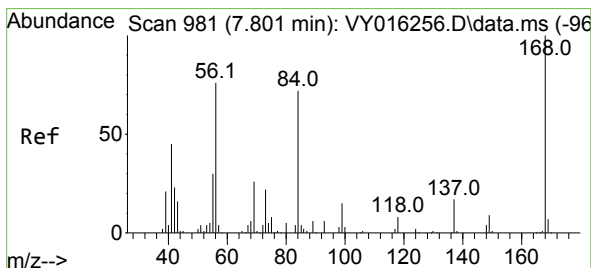
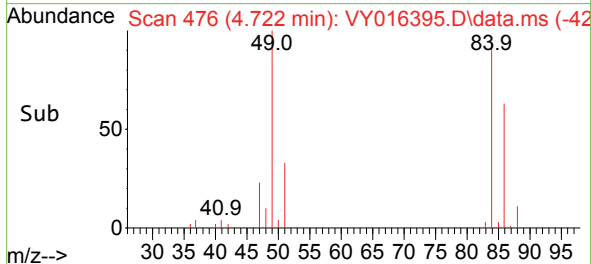
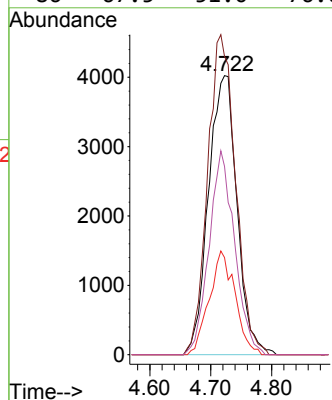


#20
Methylene Chloride
Concen: 9.622 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

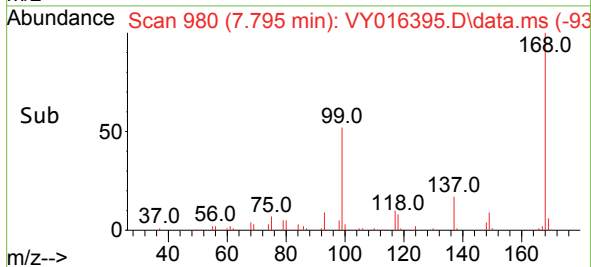
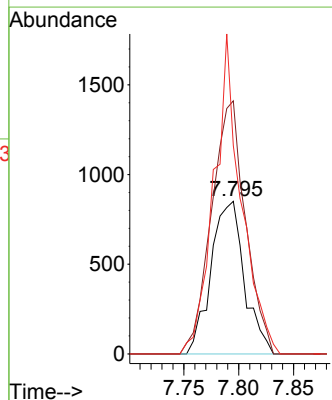
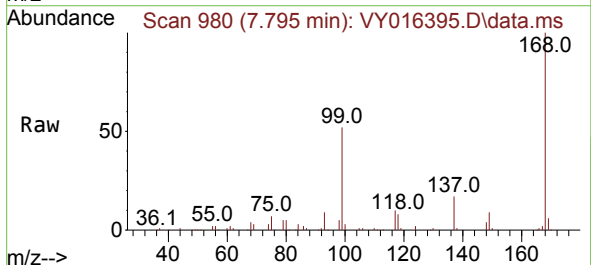


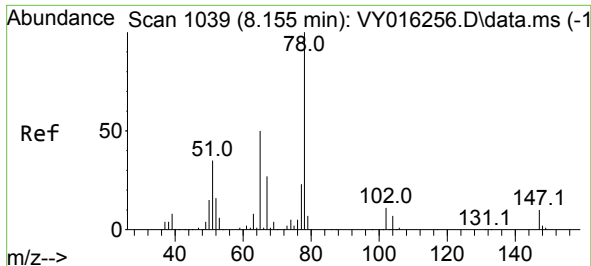
Tgt Ion:	84	Resp:	13100
Ion	Ratio	Lower	Upper
84	100		
49	106.9	106.9	160.3#
51	34.8	33.2	49.8
86	67.5	51.0	76.6



#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Tgt Ion:	56	Resp:	1798
Ion	Ratio	Lower	Upper
56	100		
69	165.8	27.8	41.6#
84	136.4	66.4	99.6#

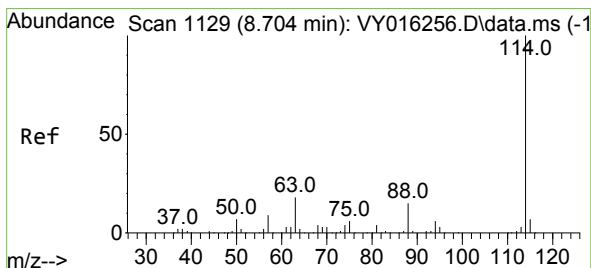
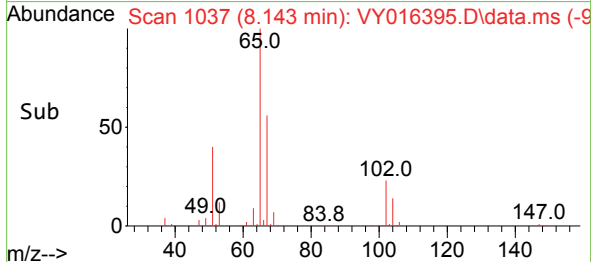
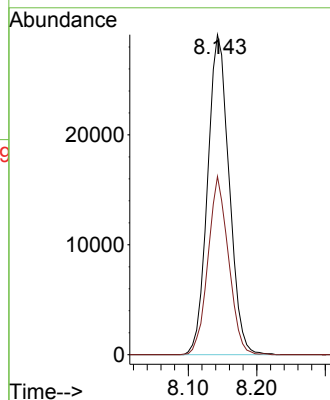
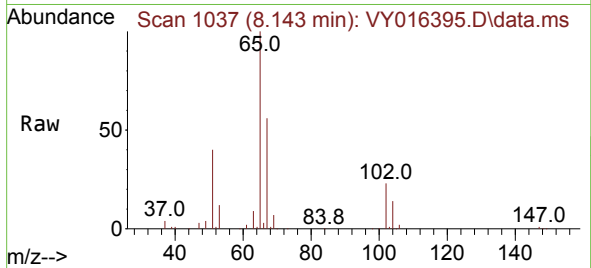




#33
 1,2-Dichloroethane-d4
 Concen: 70.592 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.012 min
 Lab File: VY016395.D
 Acq: 16 Nov 2023 17:14

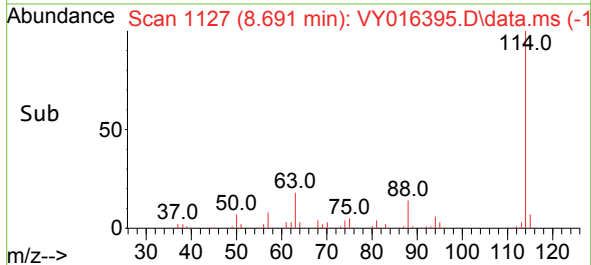
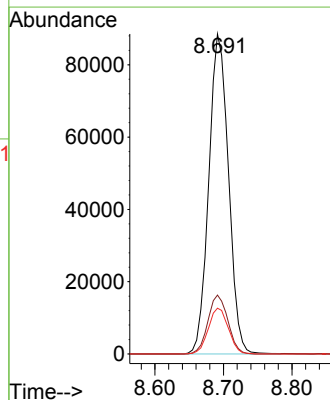
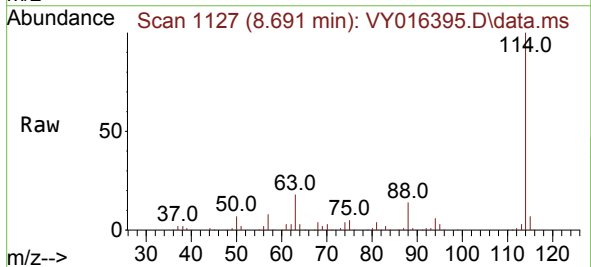
Instrument :
 MSVOA_Y
 ClientSampleId :

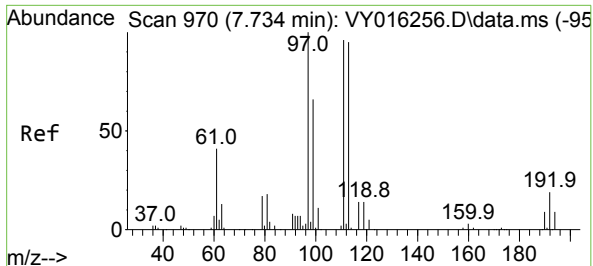
Tgt Ion: 65 Resp: 63652
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016395.D
 Acq: 16 Nov 2023 17:14

Tgt Ion: 114 Resp: 176765
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.912 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.012 min

Lab File: VY016395.D

Acq: 16 Nov 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

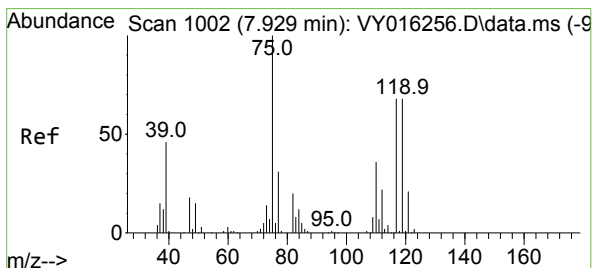
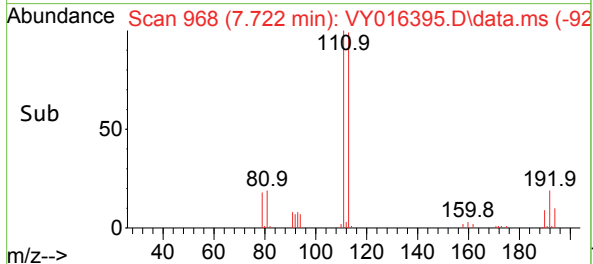
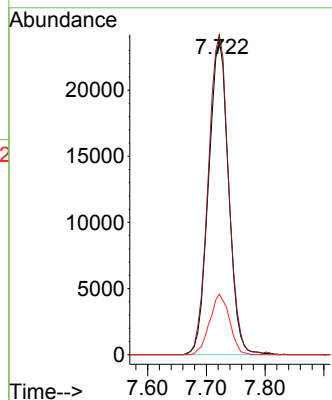
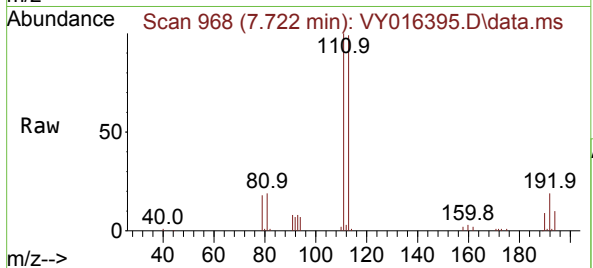
Tgt Ion:113 Resp: 56143

Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 19.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.302 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.140 min

Lab File: VY016395.D

Acq: 16 Nov 2023 17:14

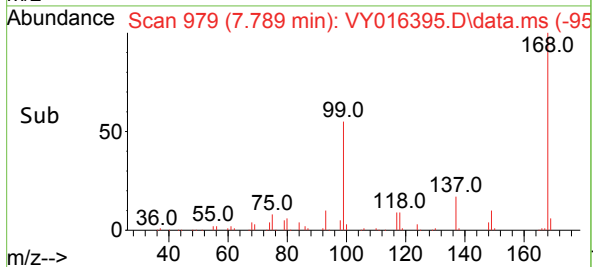
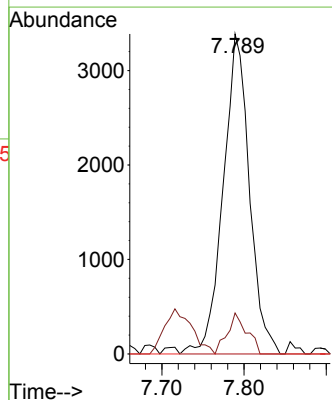
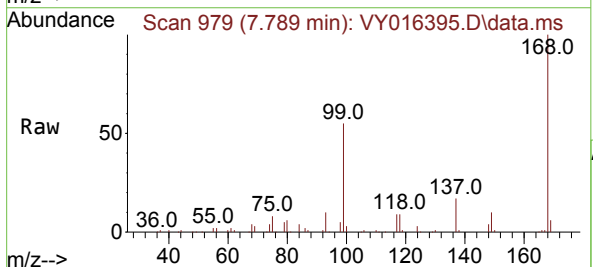
Tgt Ion: 75 Resp: 7501

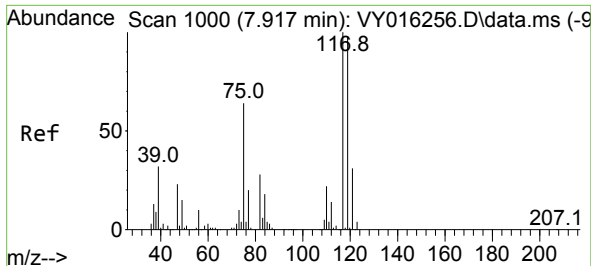
Ion Ratio Lower Upper

75 100

110 9.5 17.8 53.5#

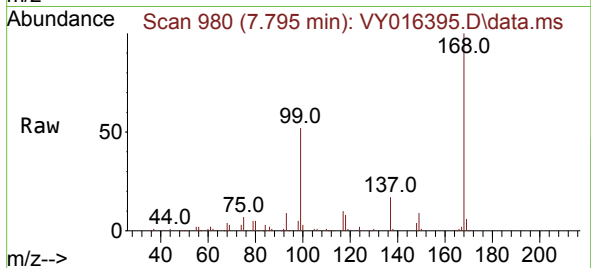
77 0.0 24.4 36.6#



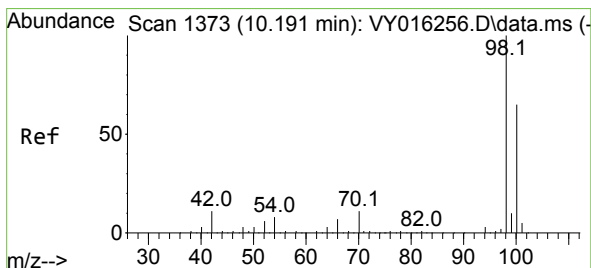
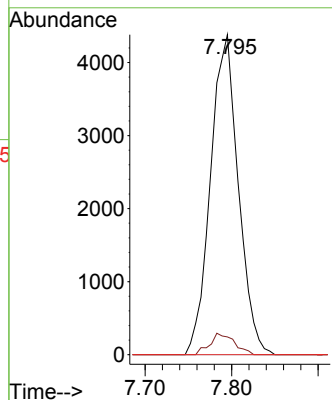
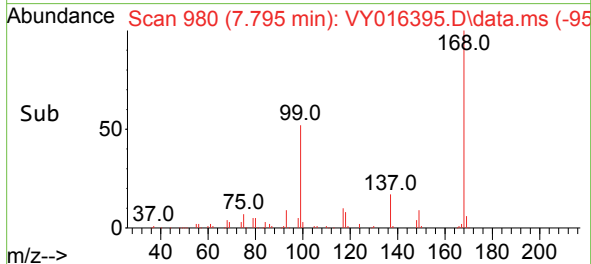


#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

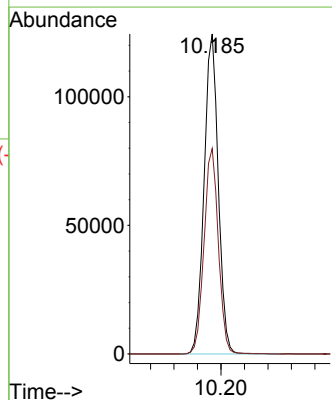
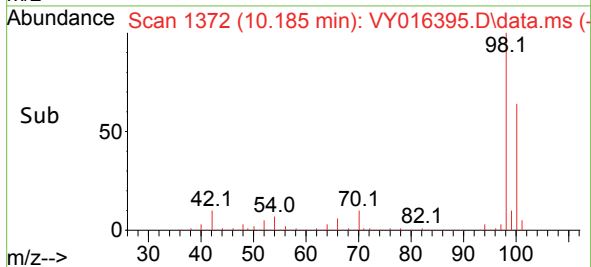
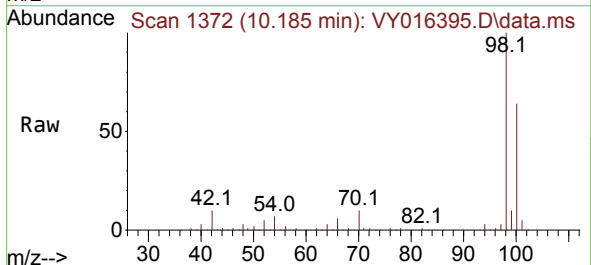


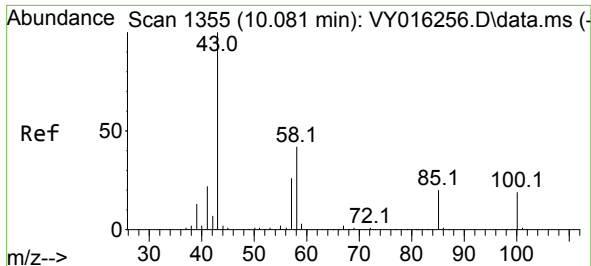
Tgt Ion:117 Resp: 9785
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.061 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Tgt Ion: 98 Resp: 207918
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

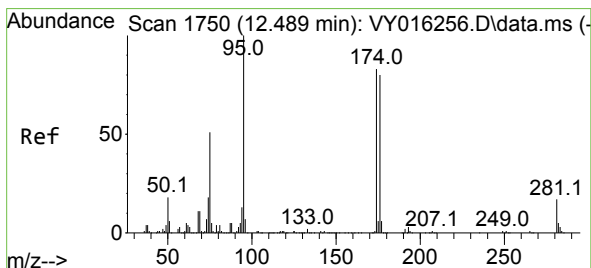
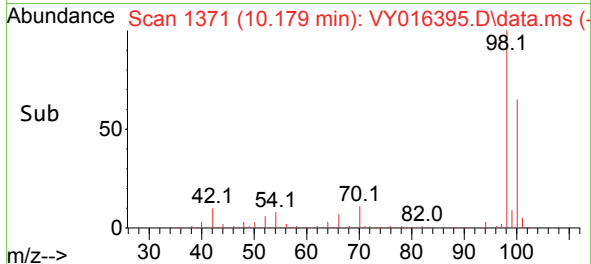
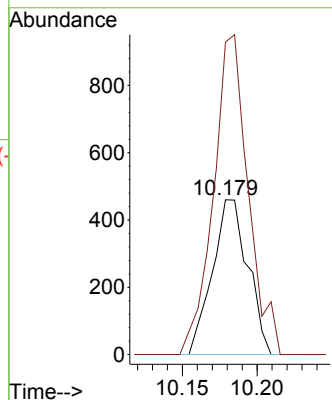
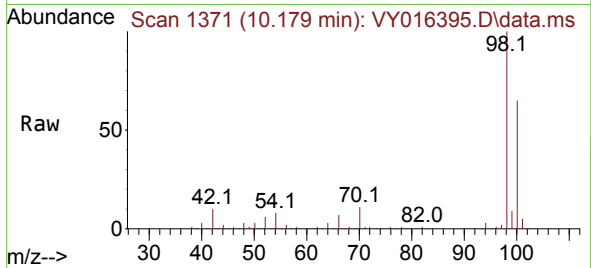




#51
4-Methyl-2-Pentanone
Concen: 1.104 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

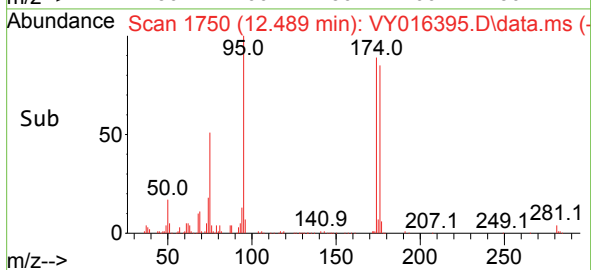
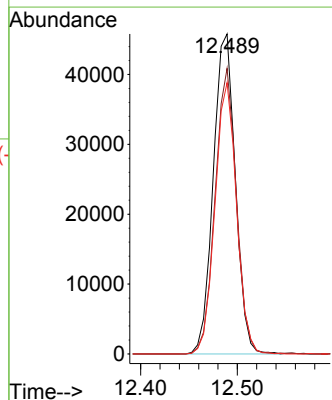
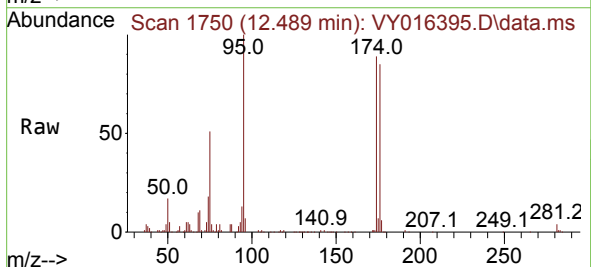
Instrument :
MSVOA_Y
ClientSampleId :

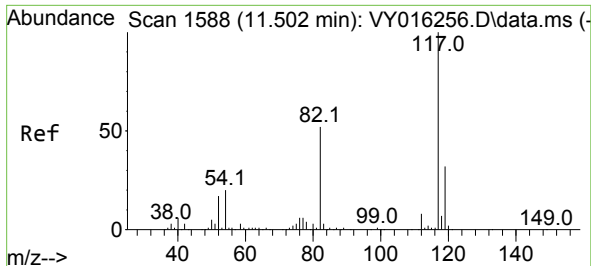
Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 202.2 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 54.876 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

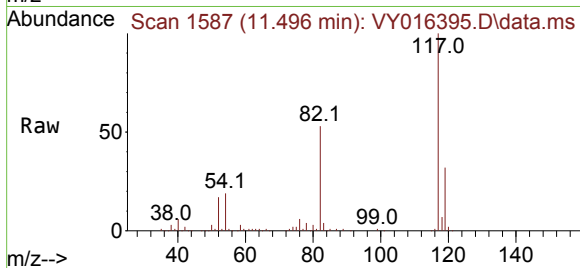
Tgt Ion: 95 Resp: 72574
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 82.6 0.0 173.8



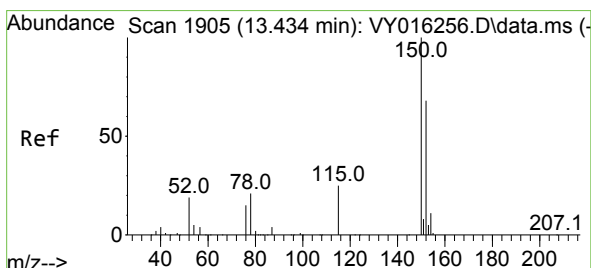
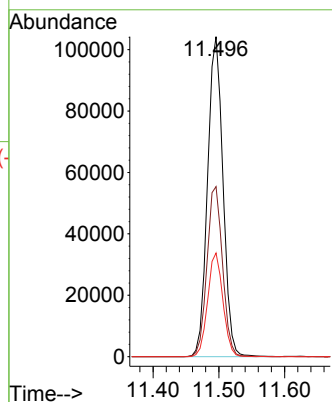
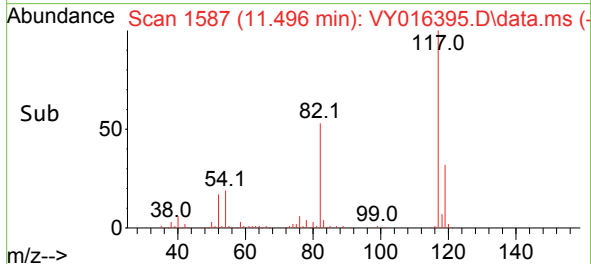


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

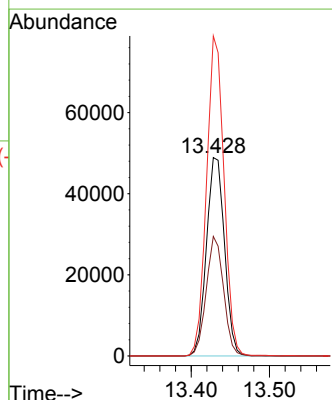
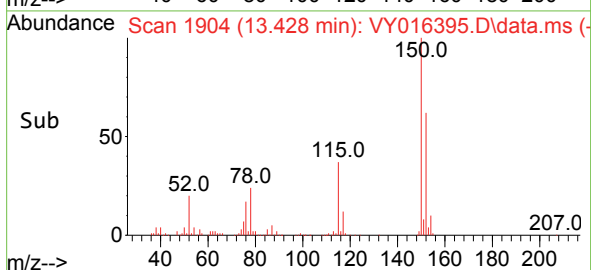
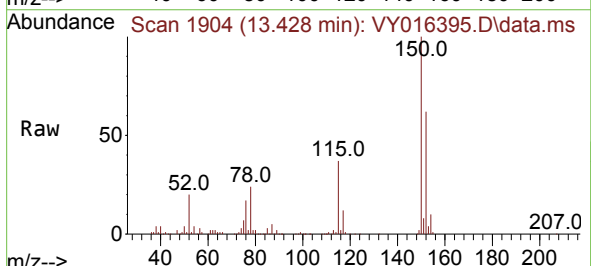


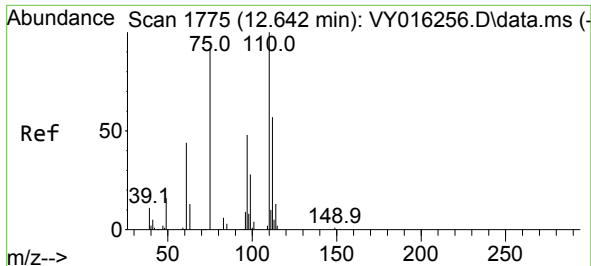
Tgt Ion:117 Resp: 169757
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Tgt Ion:152 Resp: 78321
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 155.8 0.0 348.8

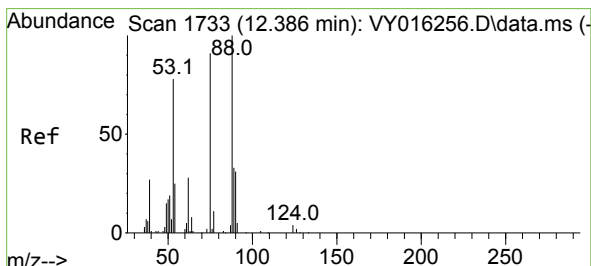
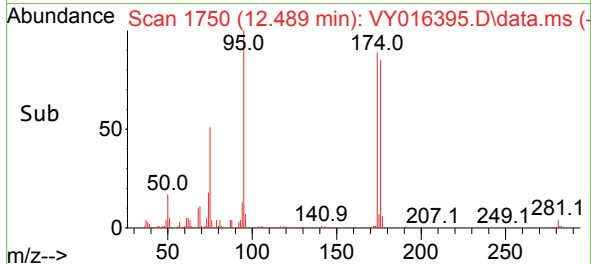
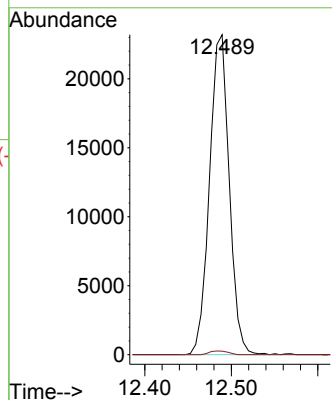
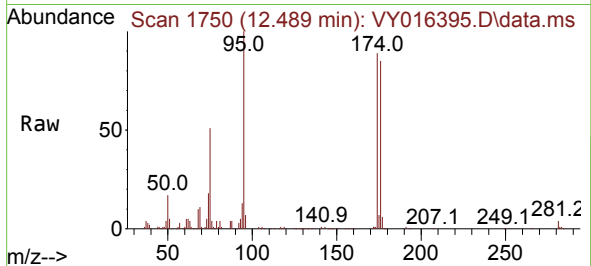




#76
1,2,3-Trichloropropane
Concen: 48.862 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36711
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.058 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016395.D
Acq: 16 Nov 2023 17:14

Tgt Ion: 75 Resp: 36711
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

