

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016279.D
 Acq On : 09 Nov 2023 14:13
 Operator : SY/MD
 Sample : 05293-05
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:58:42 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)

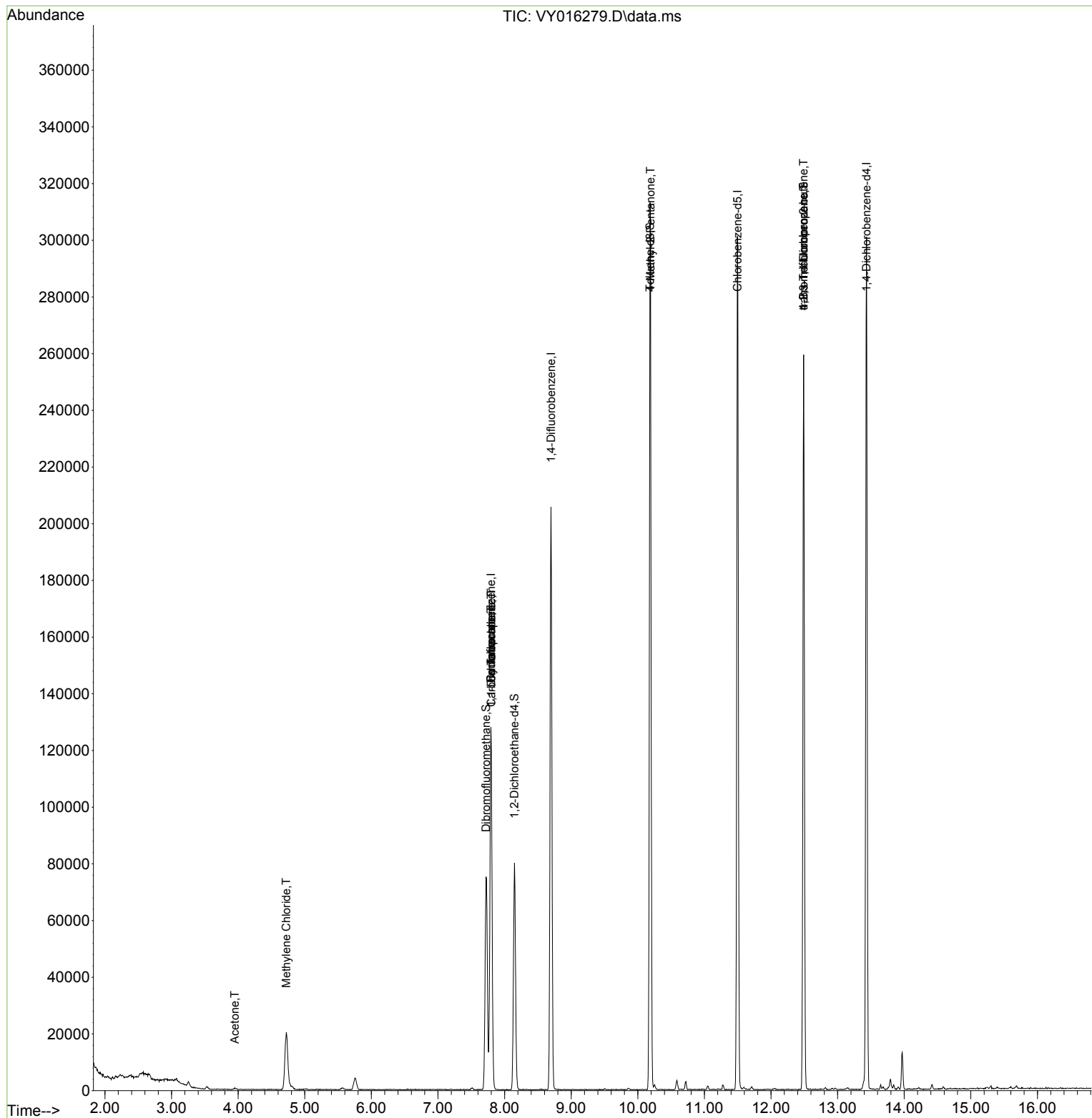
Internal Standards						
1) Pentafluorobenzene	7.795	168	100778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	169280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61475	66.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.480%	
35) Dibromofluoromethane	7.722	113	54788	54.046	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.185	98	209347	50.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.840%	
62) 4-Bromofluorobenzene	12.489	95	73092	54.744	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.480%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	780	5.120	ug/l #	89
20) Methylene Chloride	4.722	84	15613	11.850	ug/l #	89
31) Cyclohexane	7.795	56	1841	1.015	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	7711	4.381	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10127	5.543	ug/l #	15
51) 4-Methyl-2-Pentanone	10.191	43	894	1.286	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	37956	50.250	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37956	109.072	ug/l #	11

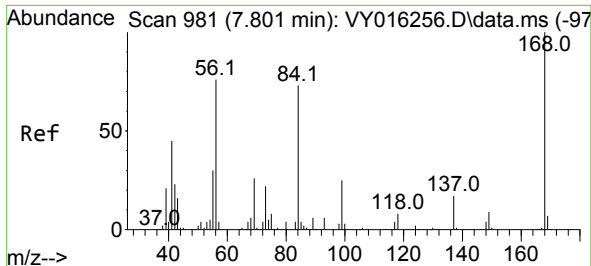
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 09 22:58:42 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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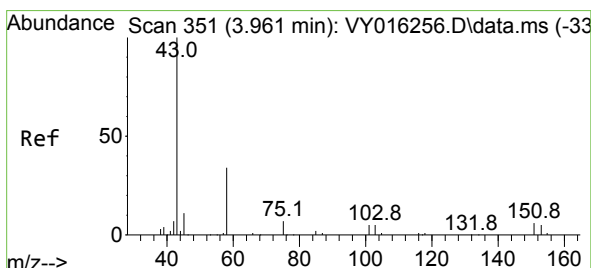
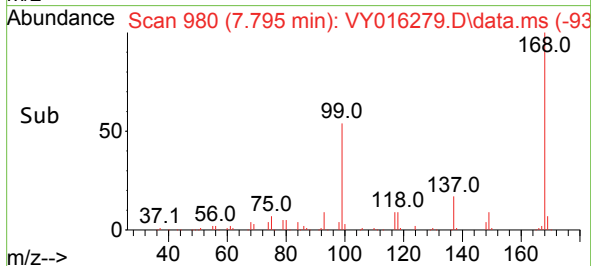
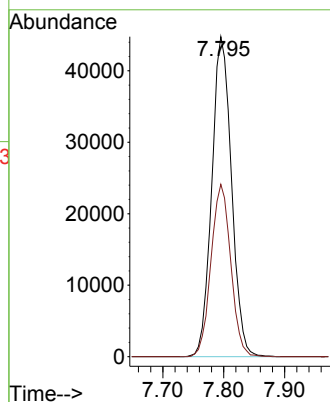
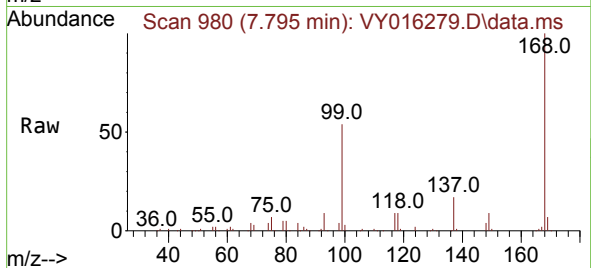




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

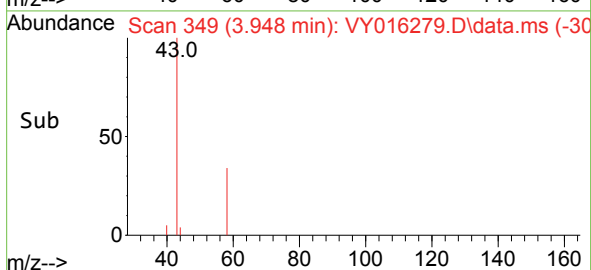
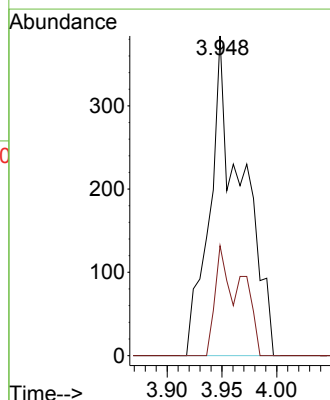
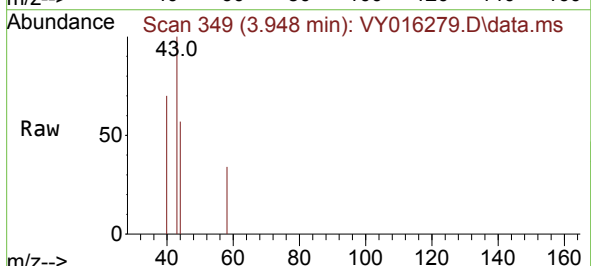
Instrument :
MSVOA_Y
ClientSampleId :

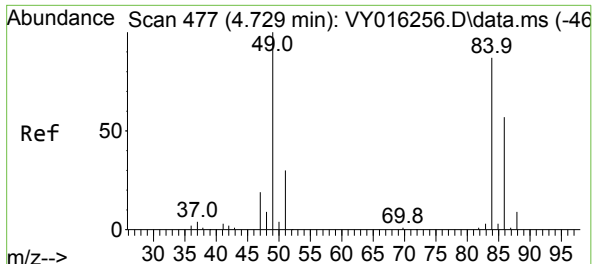
Tgt Ion:168 Resp: 100778
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 5.120 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

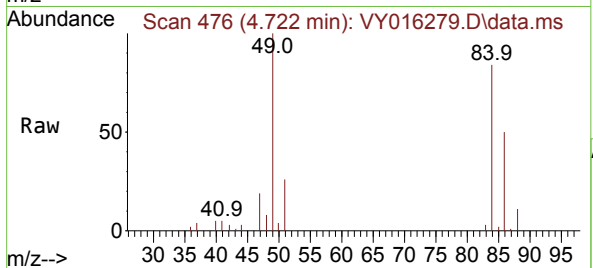
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 34.4 22.7 34.1#





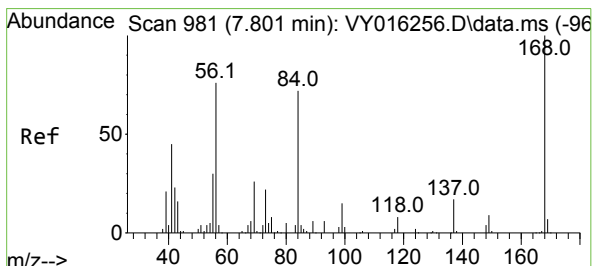
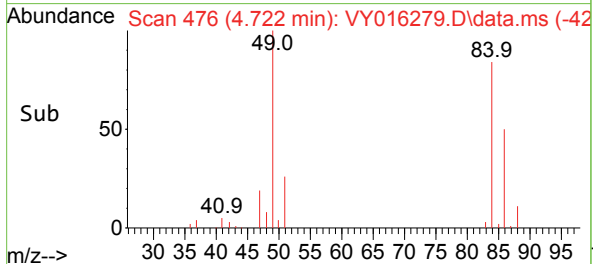
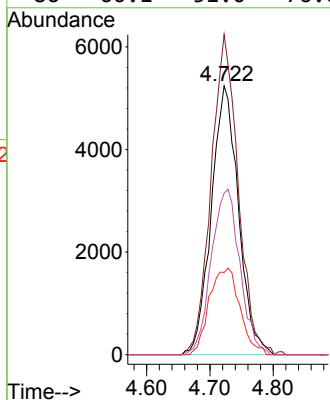
#20
Methylene Chloride
Concen: 11.850 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 15613

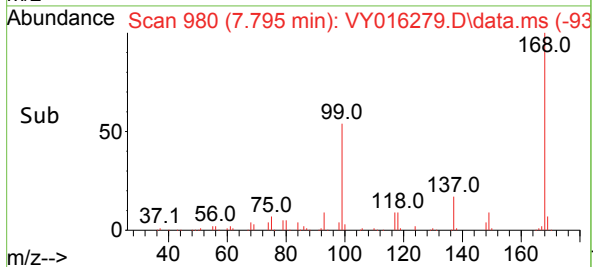
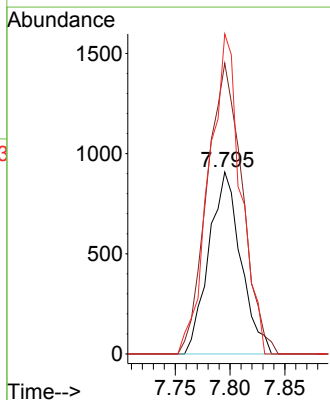
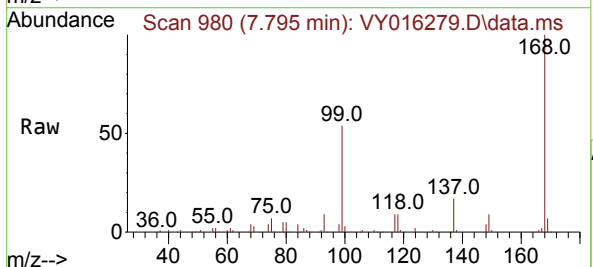
Ion	Ratio	Lower	Upper
84	100		
49	119.1	106.9	160.3
51	30.6	33.2	49.8#
86	60.1	51.0	76.6

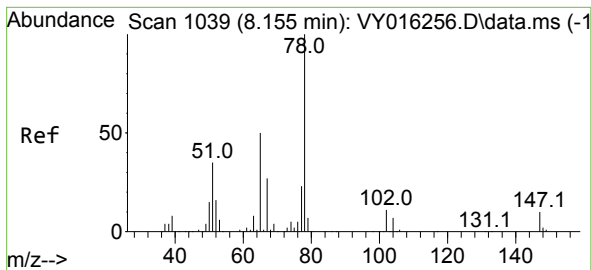


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

Tgt Ion: 56 Resp: 1841

Ion	Ratio	Lower	Upper
56	100		
69	159.8	27.8	41.6#
84	187.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 66.743 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016279.D

Acq: 09 Nov 2023 14:13

Instrument :

MSVOA_Y

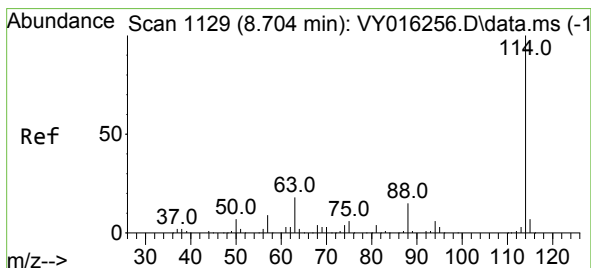
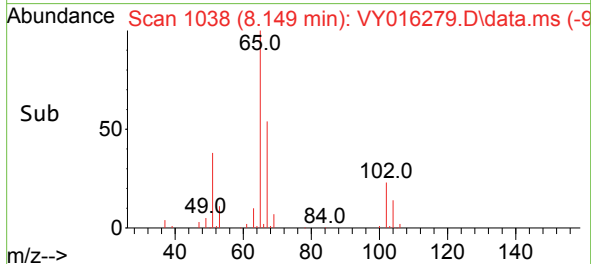
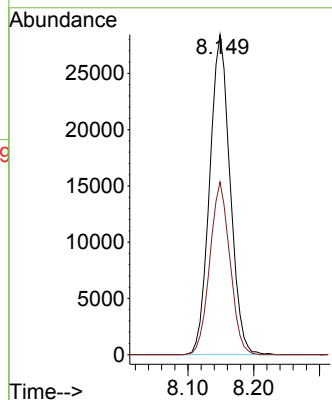
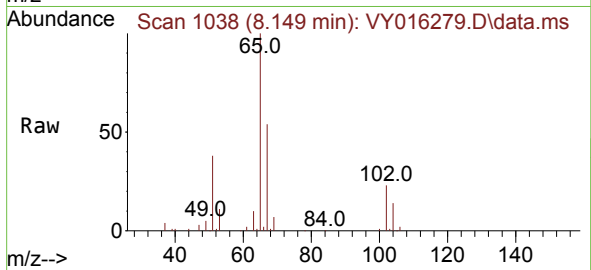
ClientSampleId :

Tgt Ion: 65 Resp: 61475

Ion Ratio Lower Upper

65 100

67 53.1 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: VY016279.D

Acq: 09 Nov 2023 14:13

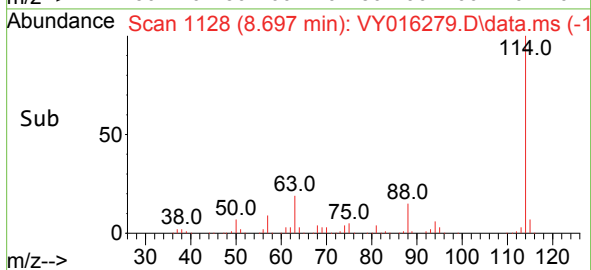
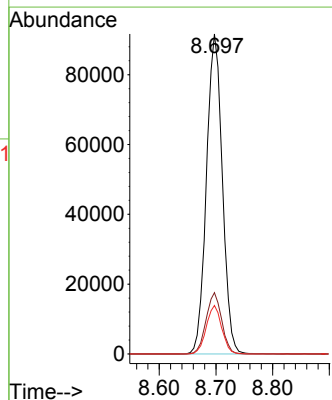
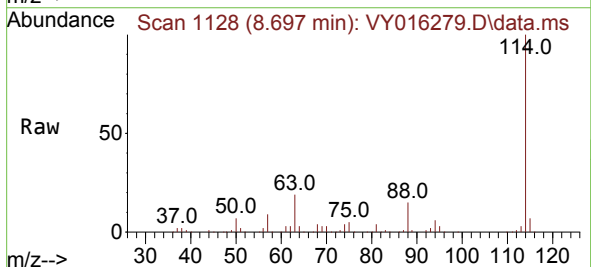
Tgt Ion: 114 Resp: 178454

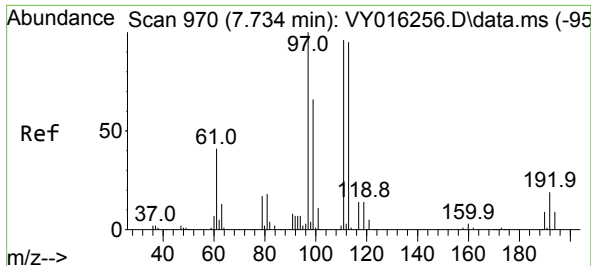
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

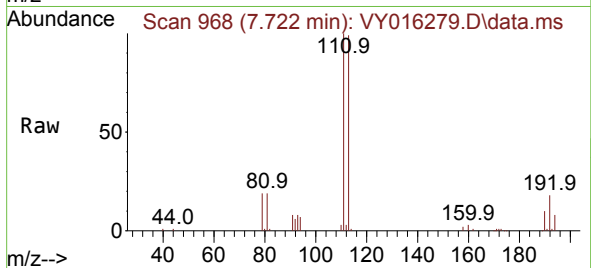
88 15.1 0.0 30.6



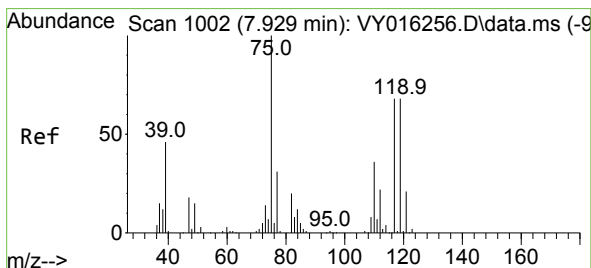
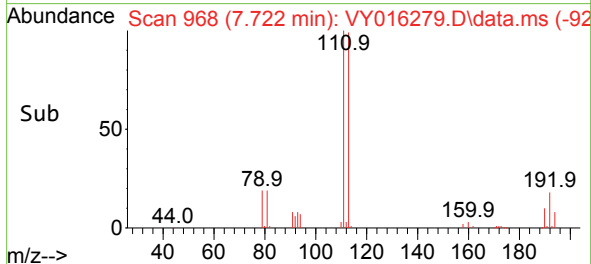
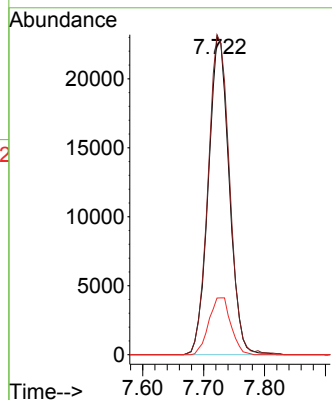


#35
Dibromofluoromethane
Concen: 54.046 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

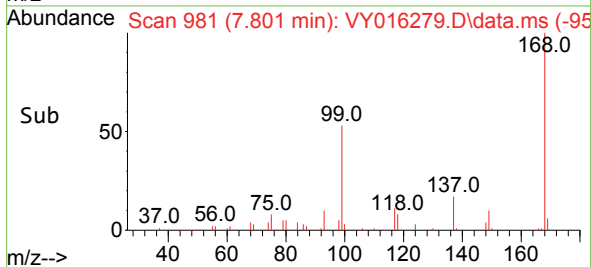
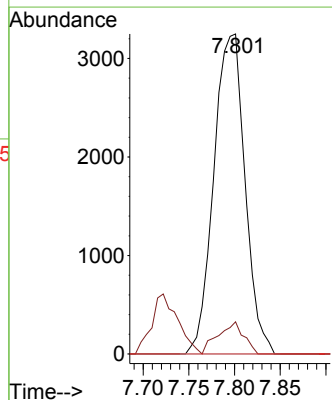
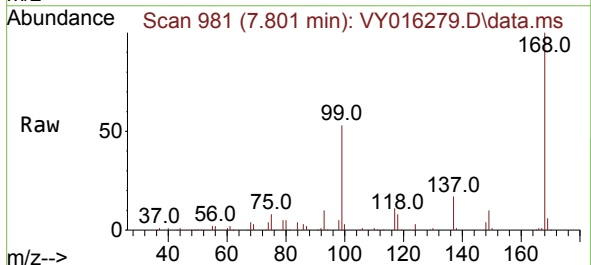


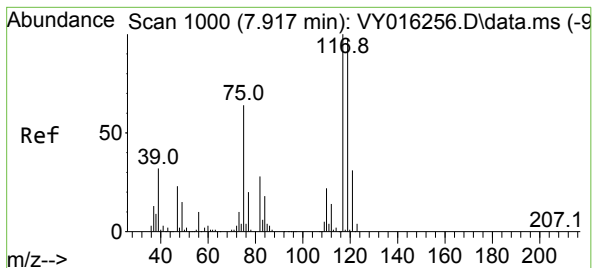
Tgt Ion:113 Resp: 54788
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.381 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

Tgt Ion: 75 Resp: 7711
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.543 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.116 min

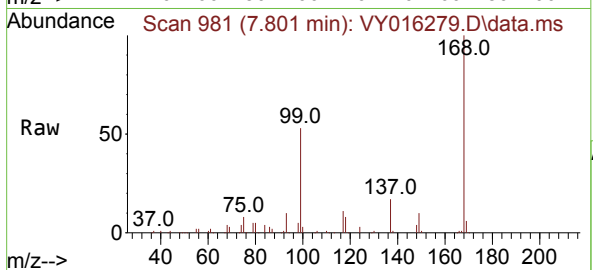
Lab File: VY016279.D

Acq: 09 Nov 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :



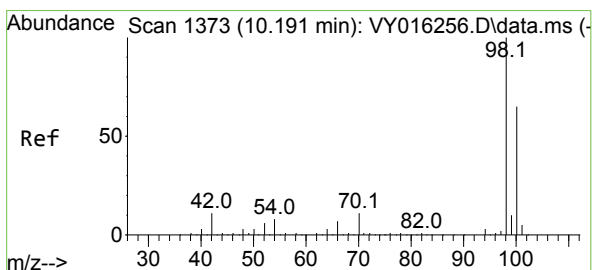
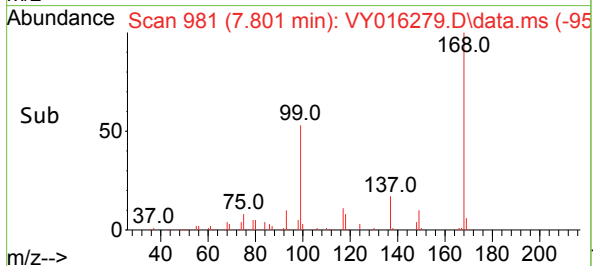
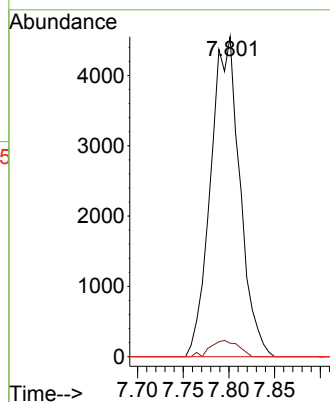
Tgt Ion:117 Resp: 10127

Ion Ratio Lower Upper

117 100

119 4.2 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 50.925 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016279.D

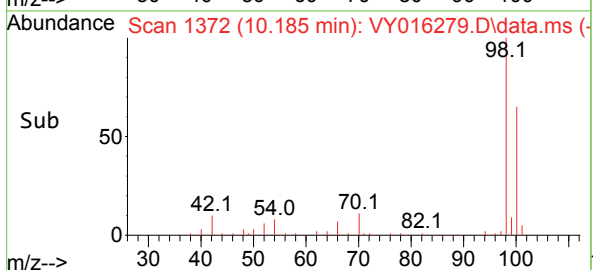
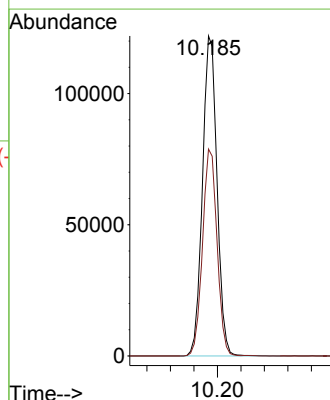
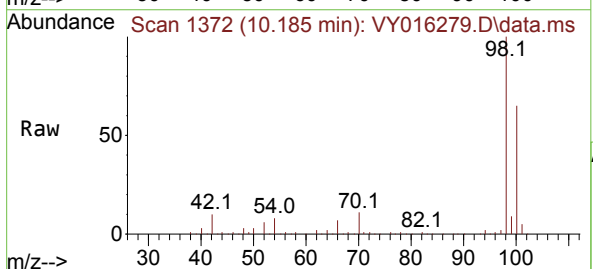
Acq: 09 Nov 2023 14:13

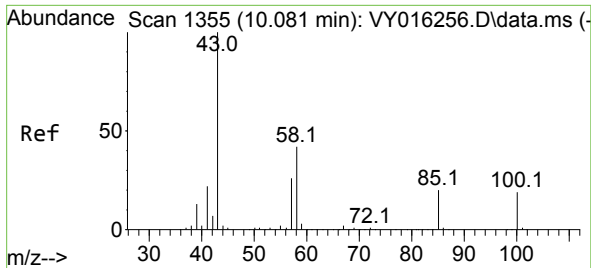
Tgt Ion: 98 Resp: 209347

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1

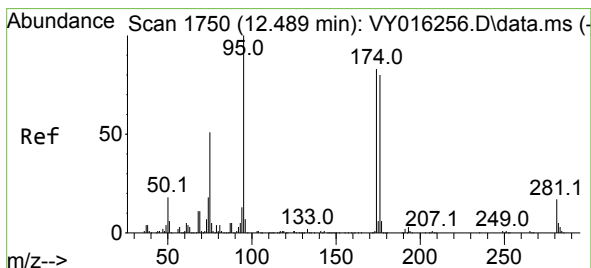
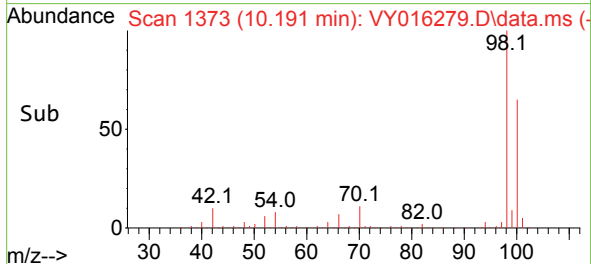
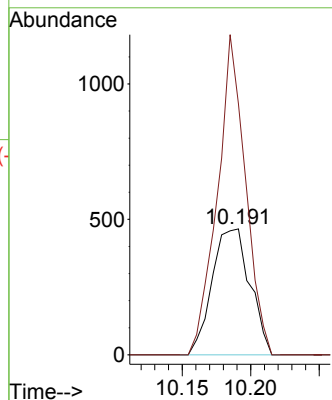
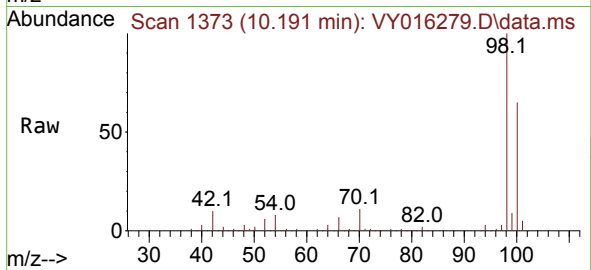




#51
 4-Methyl-2-Pentanone
 Concen: 1.286 ug/l
 RT: 10.191 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016279.D
 Acq: 09 Nov 2023 14:13

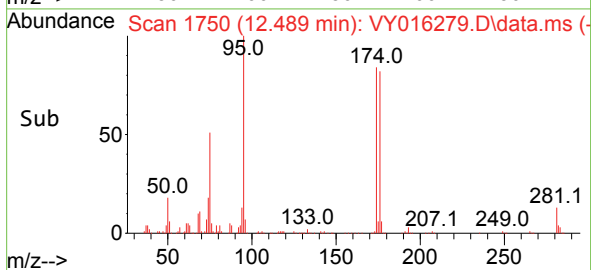
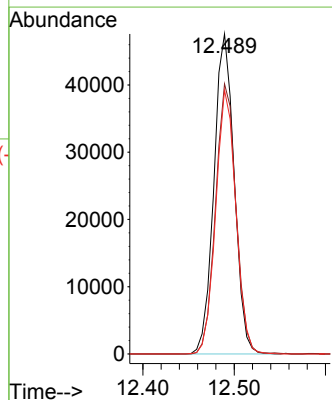
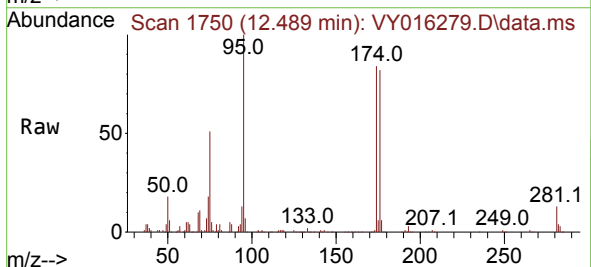
Instrument :
 MSVOA_Y
 ClientSampleId :

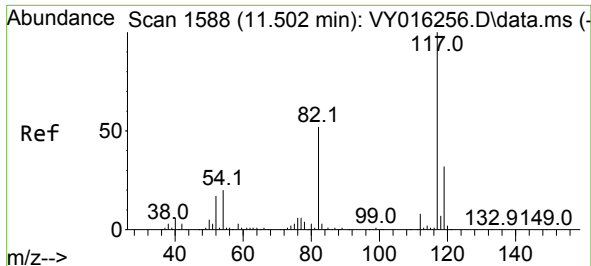
Tgt Ion: 43 Resp: 894
 Ion Ratio Lower Upper
 43 100
 58 188.9 29.0 43.6#



#62
 4-Bromofluorobenzene
 Concen: 54.744 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VY016279.D
 Acq: 09 Nov 2023 14:13

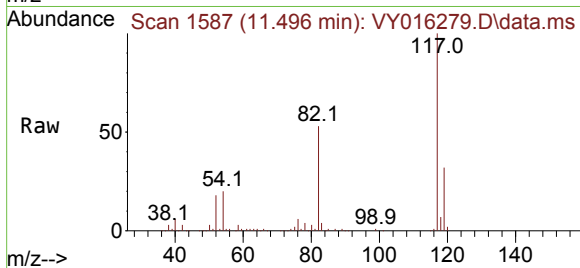
Tgt Ion: 95 Resp: 73092
 Ion Ratio Lower Upper
 95 100
 174 85.3 0.0 178.2
 176 82.1 0.0 173.8



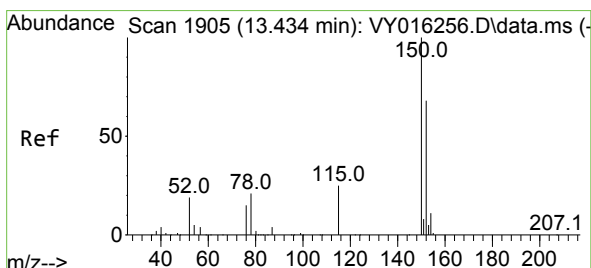
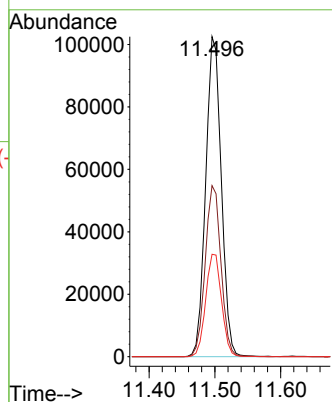
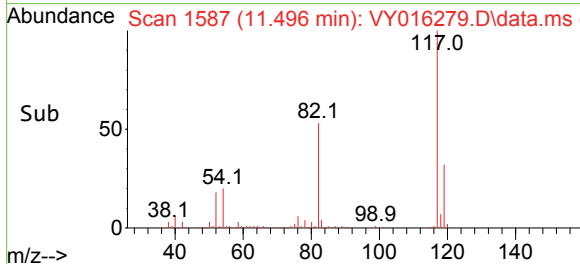


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

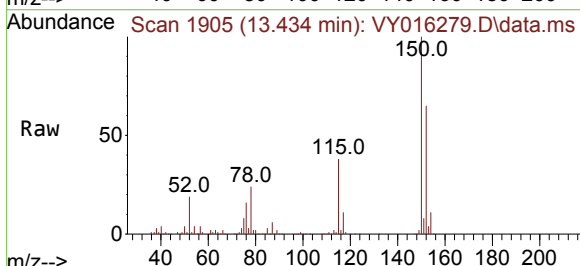
Instrument :
MSVOA_Y
ClientSampleId :



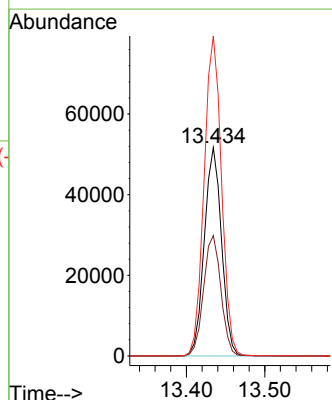
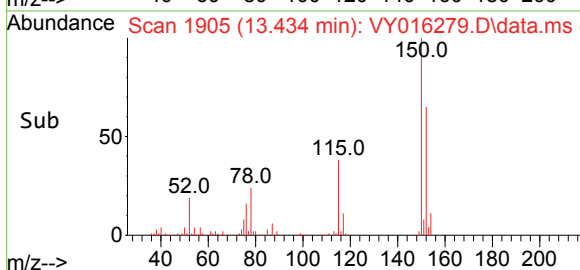
Tgt Ion:117 Resp: 169280
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.0 26.3 39.5

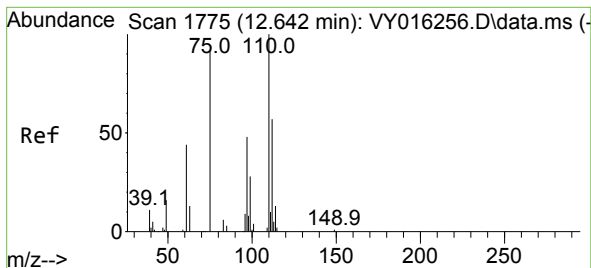


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13



Tgt Ion:152 Resp: 78740
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 155.2 0.0 348.8

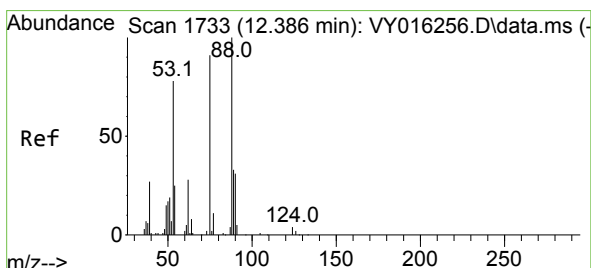
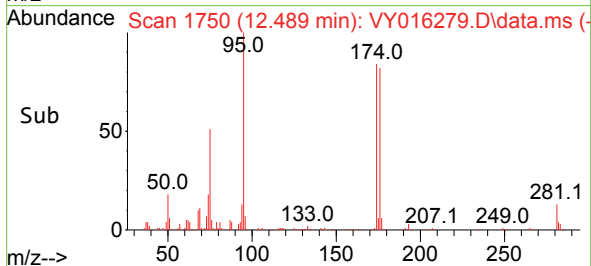
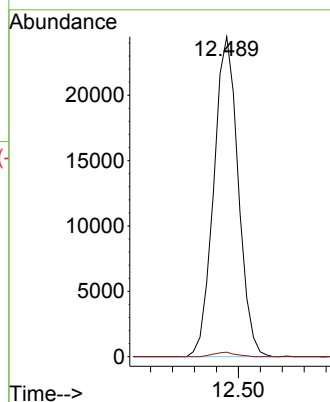
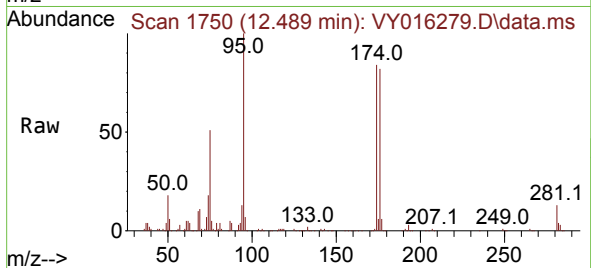




#76
1,2,3-Trichloropropane
Concen: 50.250 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37956
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.072 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016279.D
Acq: 09 Nov 2023 14:13

Tgt Ion: 75 Resp: 37956
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

