

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016274.D
 Acq On : 09 Nov 2023 12:16
 Operator : SY/MD
 Sample : 05317-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:56:49 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)

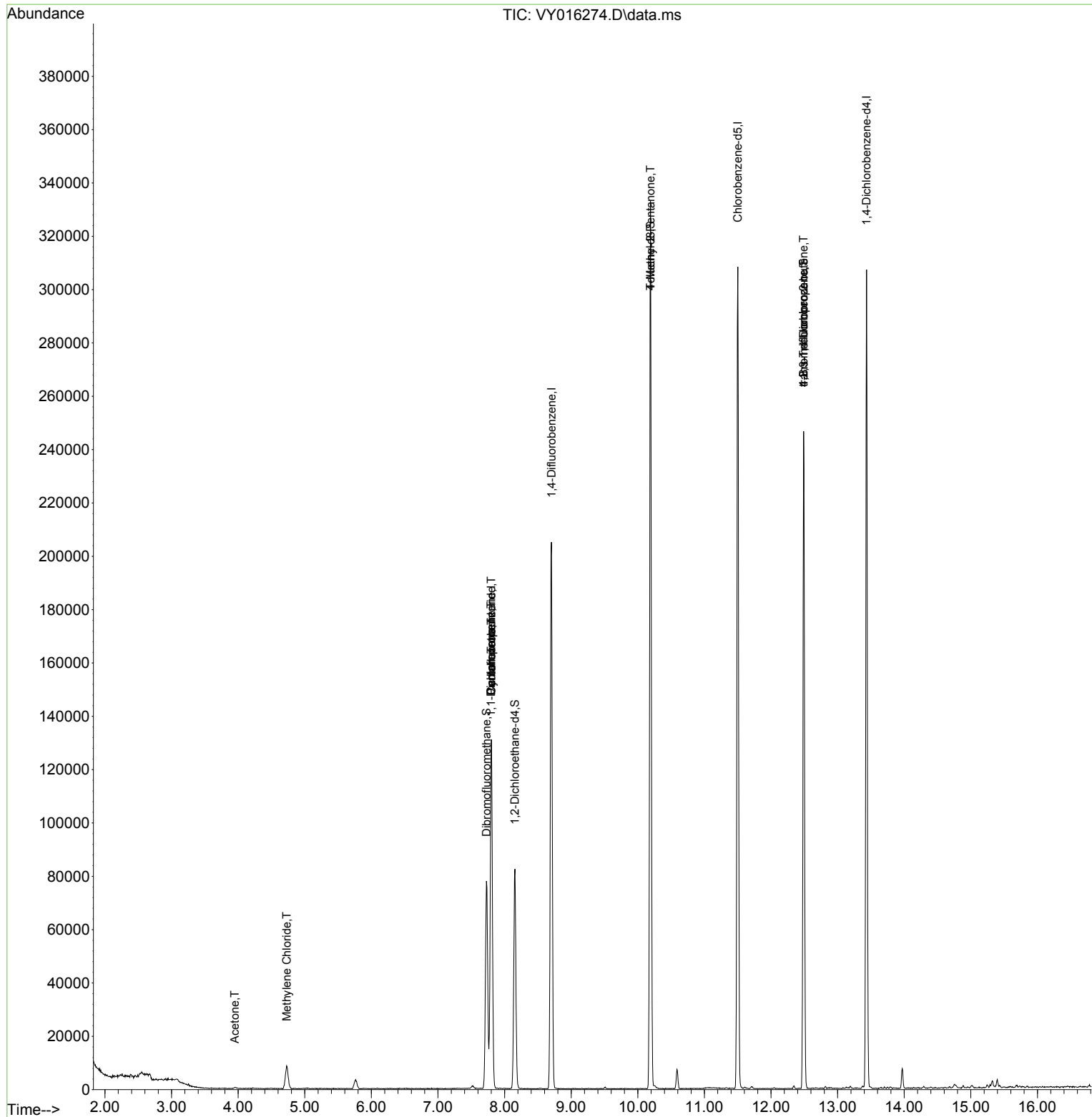
Internal Standards						
1) Pentafluorobenzene	7.801	168	103618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	182294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	64707	68.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.660%	
35) Dibromofluoromethane	7.728	113	56380	54.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.880%	
50) Toluene-d8	10.191	98	216065	51.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	12.489	95	74615	54.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.420%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	837	5.343	ug/l	98
20) Methylene Chloride	4.728	84	6749	2.814	ug/l #	80
31) Cyclohexane	7.801	56	2039	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8363	4.651	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10088	5.406	ug/l #	16
51) 4-Methyl-2-Pentanone	10.191	43	889	1.252	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	38981	50.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38981	109.657	ug/l #	10

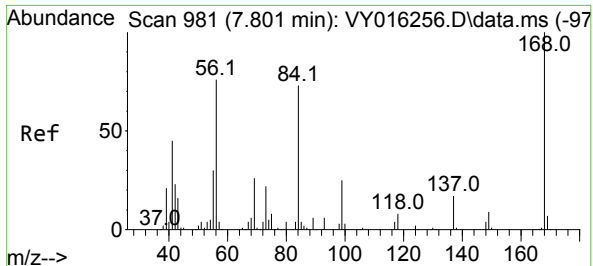
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

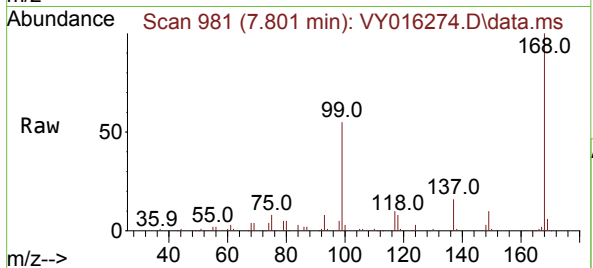
Quant Time: Nov 09 22:56:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



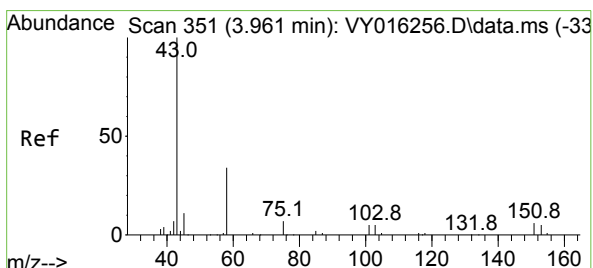
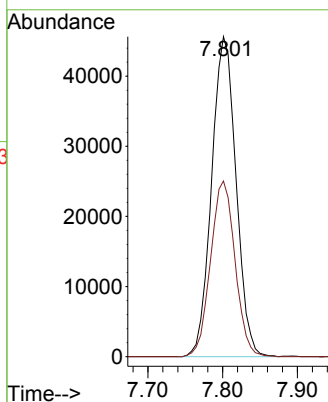
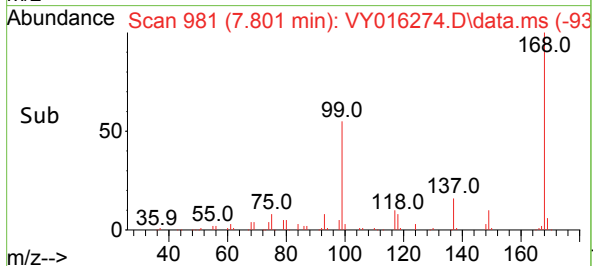


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

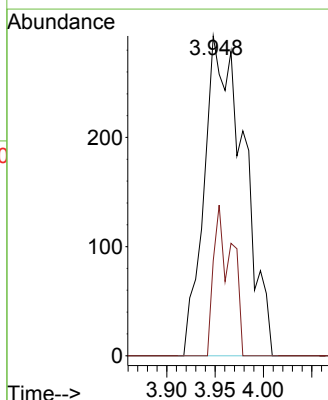
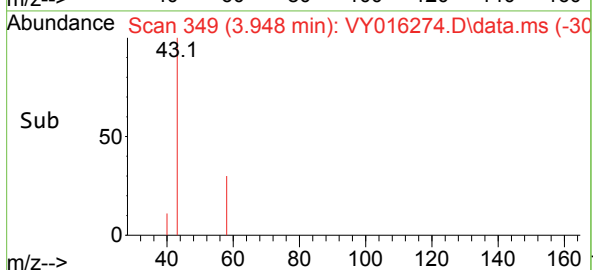
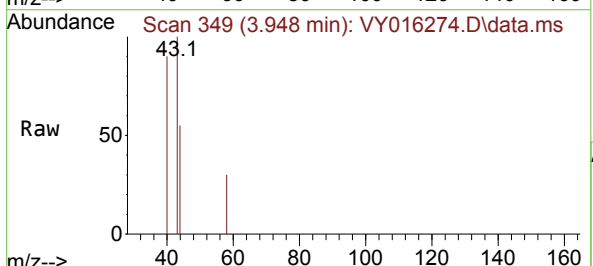


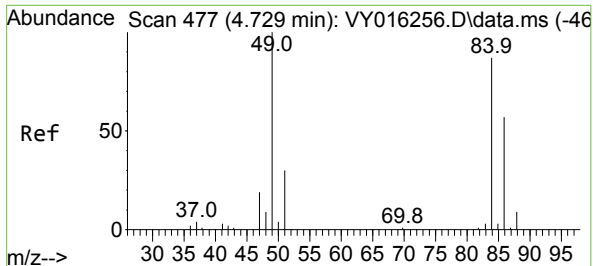
Tgt Ion:168 Resp: 103618
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#16
Acetone
Concen: 5.343 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

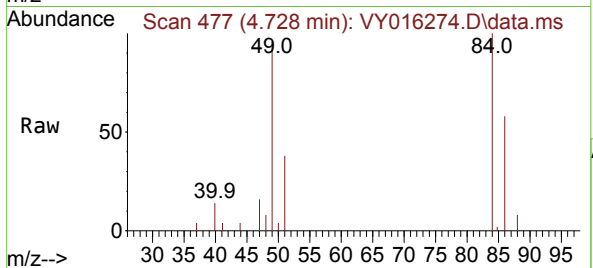
Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1



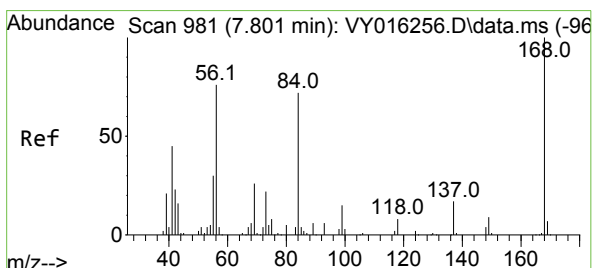
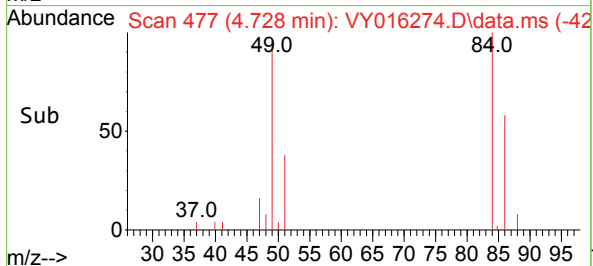
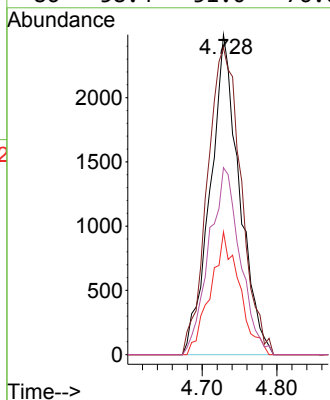


#20
Methylene Chloride
Concen: 2.814 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

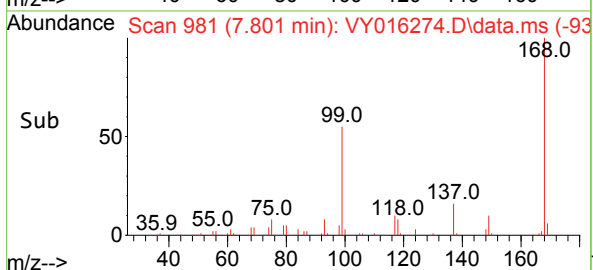
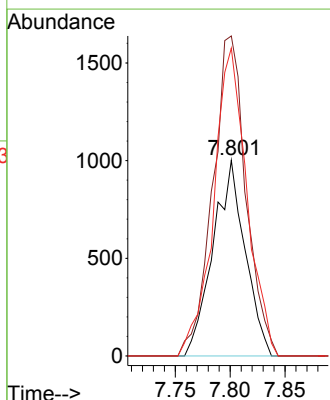
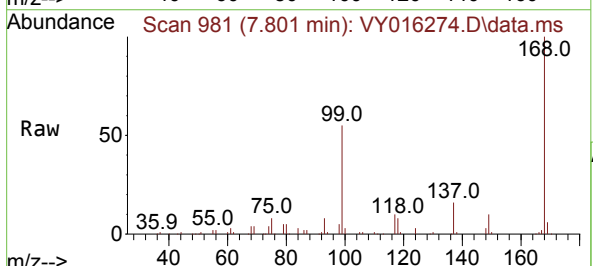


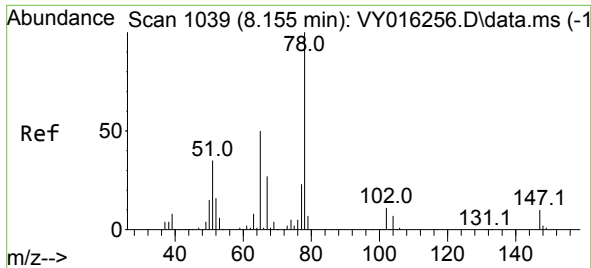
Tgt Ion:	84	Resp:	6749
Ion	Ratio	Lower	Upper
84	100		
49	95.9	106.9	160.3#
51	38.4	33.2	49.8
86	58.4	51.0	76.6



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion:	56	Resp:	2039
Ion	Ratio	Lower	Upper
56	100		
69	163.5	27.8	41.6#
84	157.3	66.4	99.6#

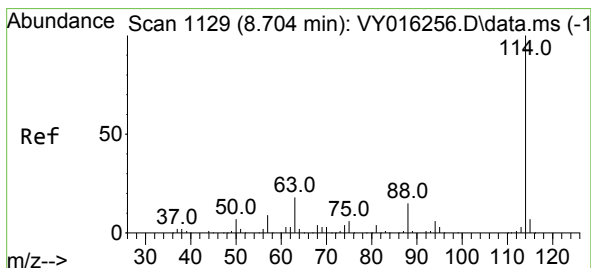
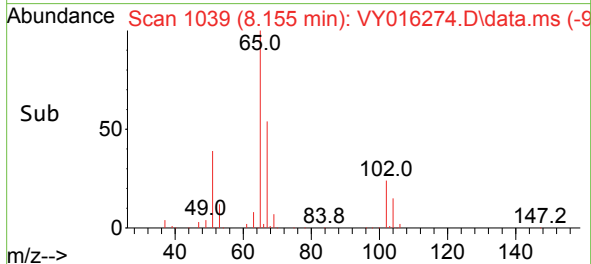
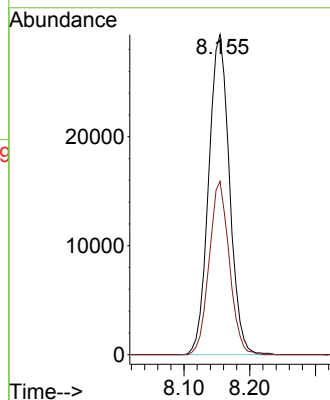
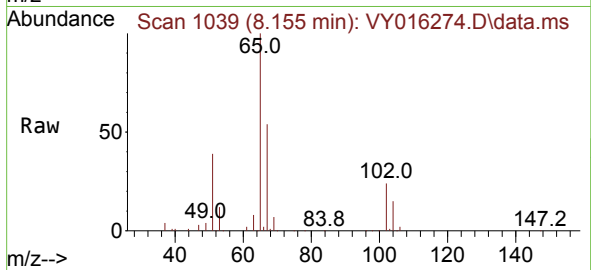




#33
 1,2-Dichloroethane-d4
 Concen: 68.326 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016274.D
 Acq: 09 Nov 2023 12:16

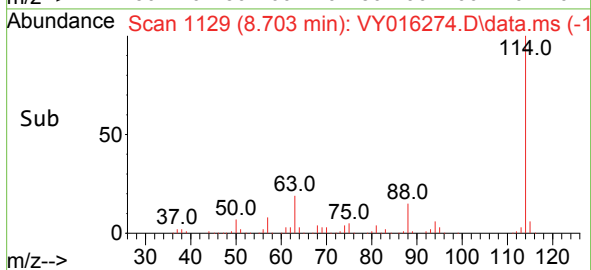
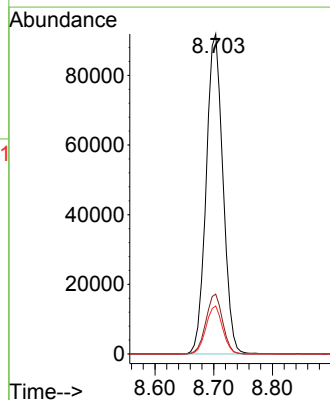
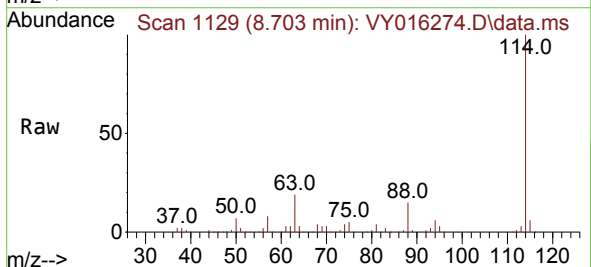
Instrument :
 MSVOA_Y
 ClientSampleId :

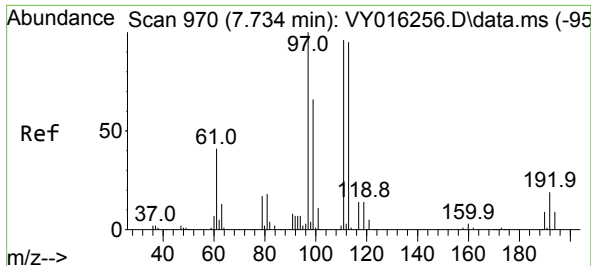
Tgt Ion: 65 Resp: 64707
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016274.D
 Acq: 09 Nov 2023 12:16

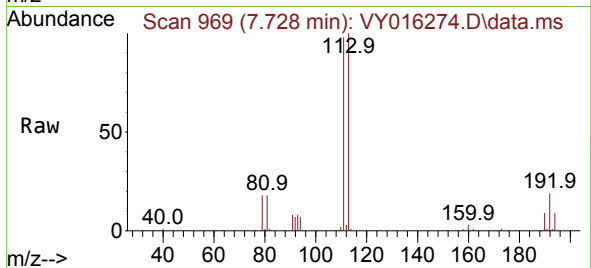
Tgt Ion:114 Resp: 182294
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 15.0 0.0 30.6



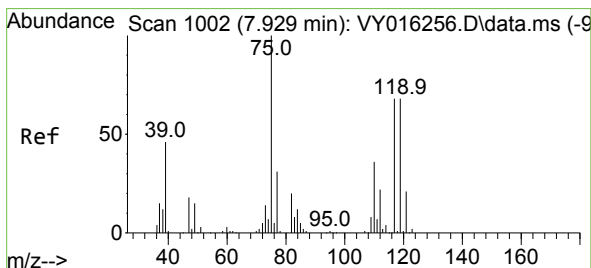
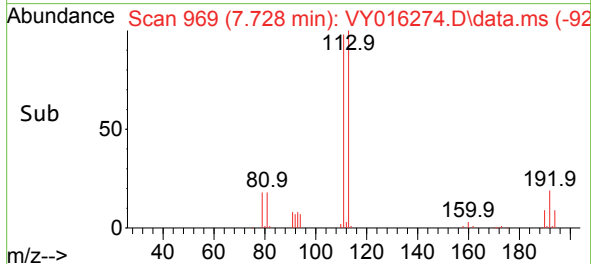
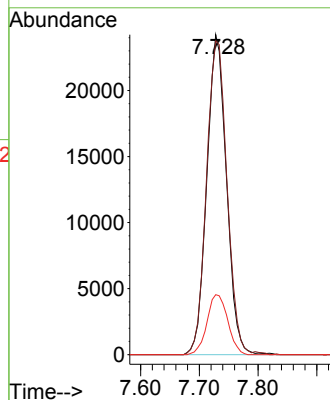


#35
Dibromofluoromethane
Concen: 54.445 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

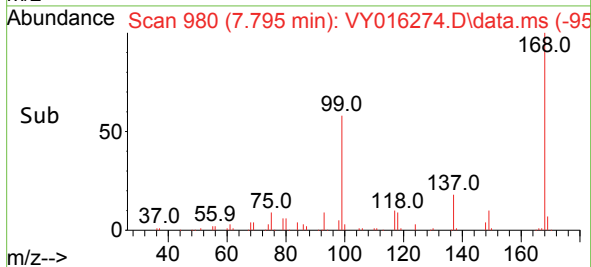
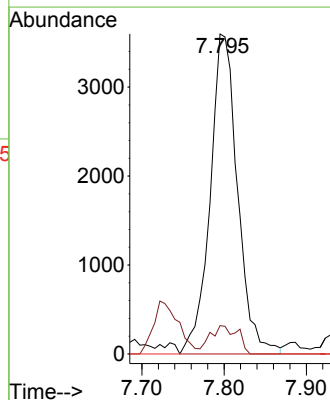
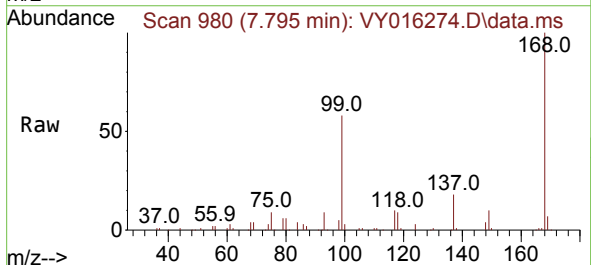


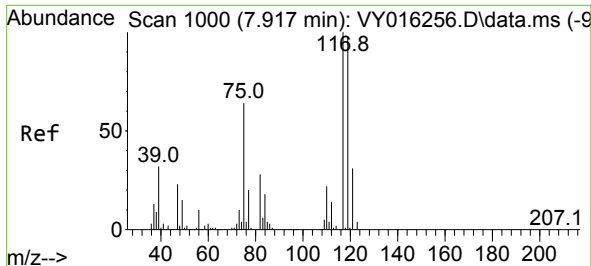
Tgt Ion:113 Resp: 56380
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

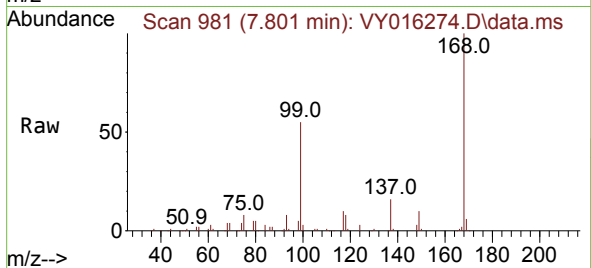
Tgt Ion: 75 Resp: 8363
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



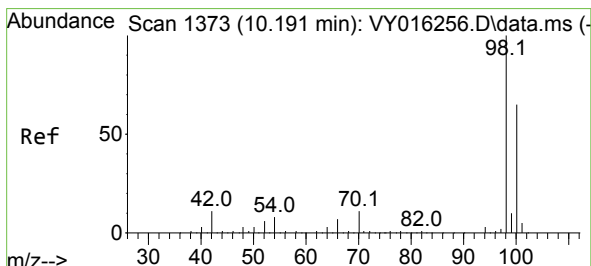
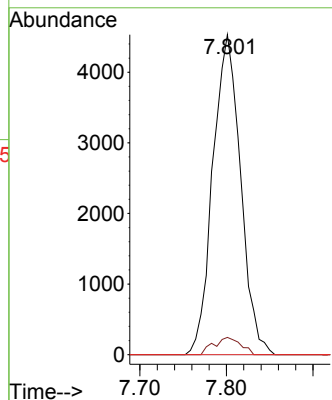
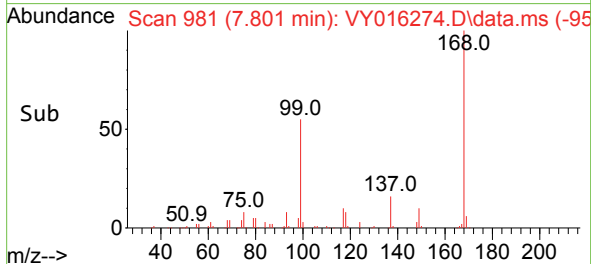


#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

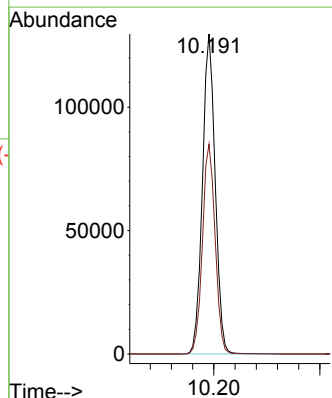
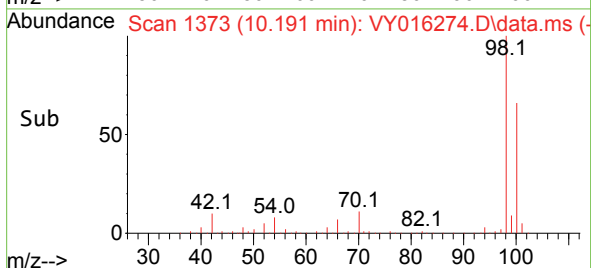
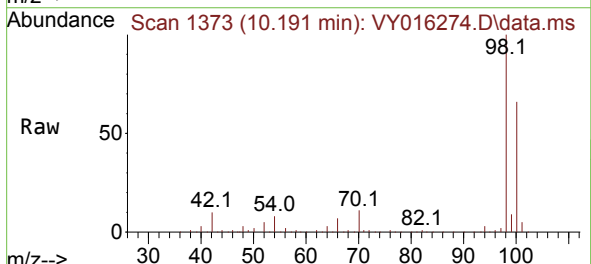


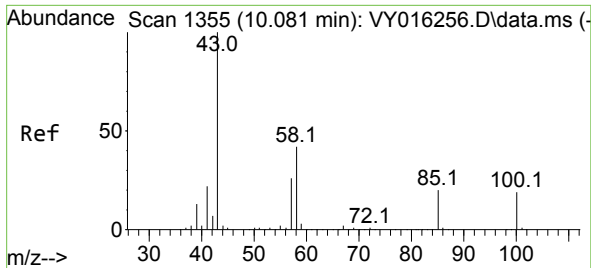
Tgt Ion:117 Resp: 10088
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion: 98 Resp: 216065
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

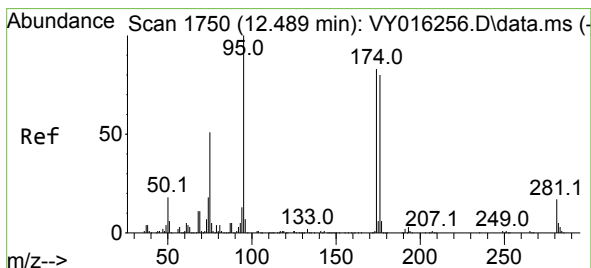
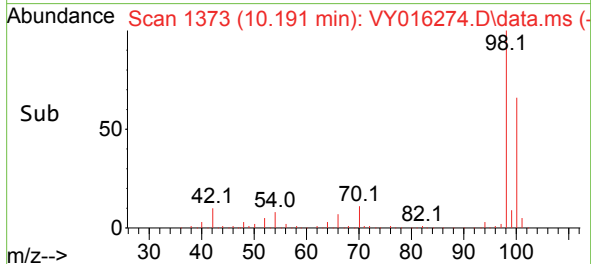
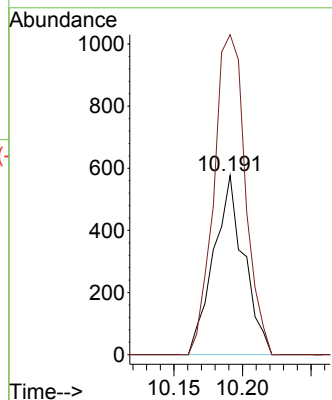
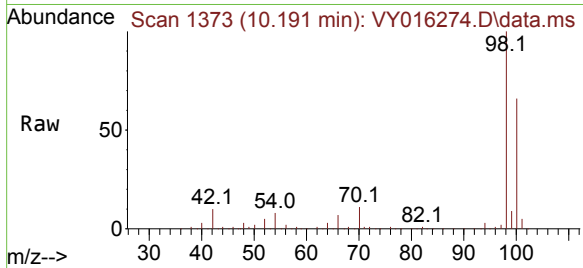




#51
4-Methyl-2-Pentanone
Concen: 1.252 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

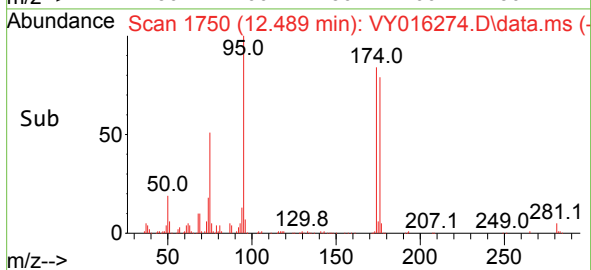
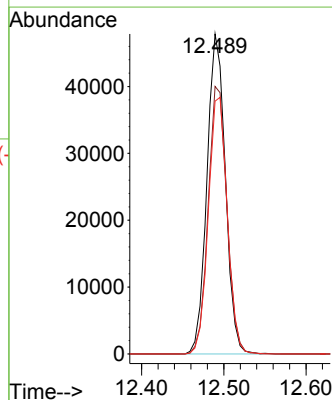
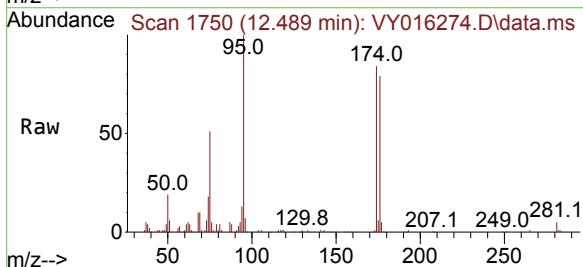
Instrument :
MSVOA_Y
ClientSampleId :

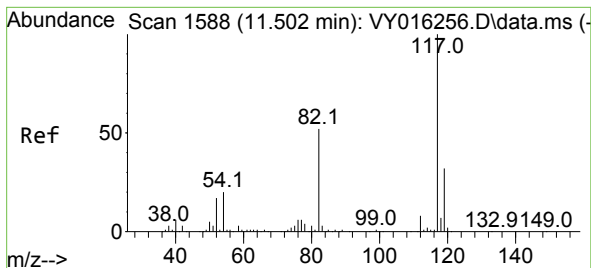
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 185.8 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 54.708 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion: 95 Resp: 74615
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016274.D

Acq: 09 Nov 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

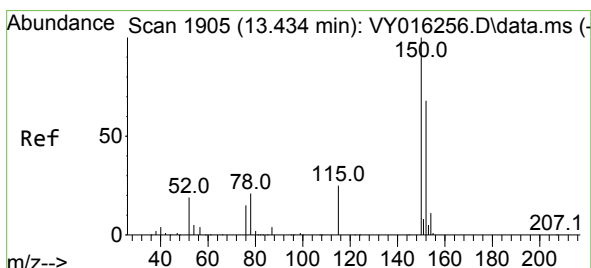
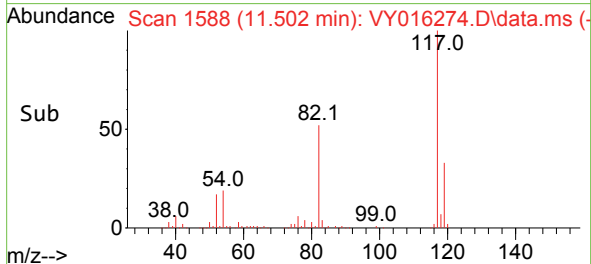
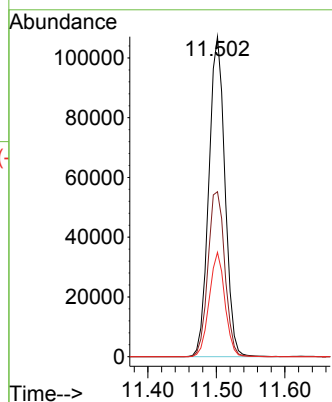
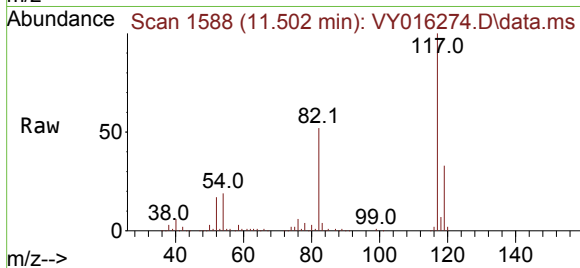
Tgt Ion:117 Resp: 175039

Ion Ratio Lower Upper

117 100

82 51.6 43.4 65.0

119 32.6 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: VY016274.D

Acq: 09 Nov 2023 12:16

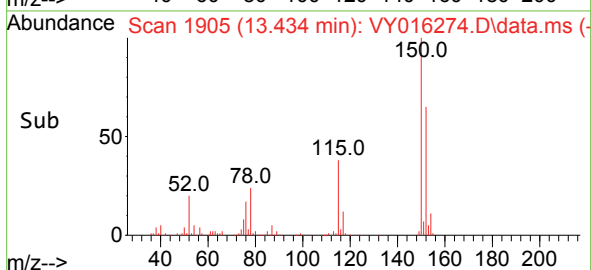
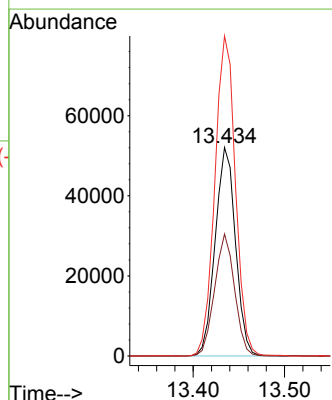
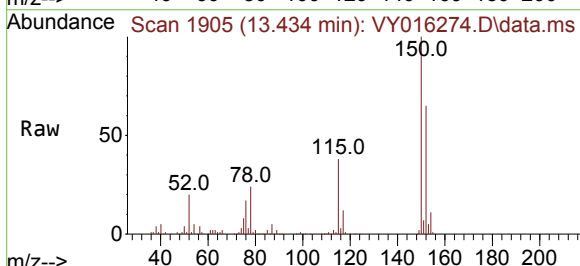
Tgt Ion:152 Resp: 80435

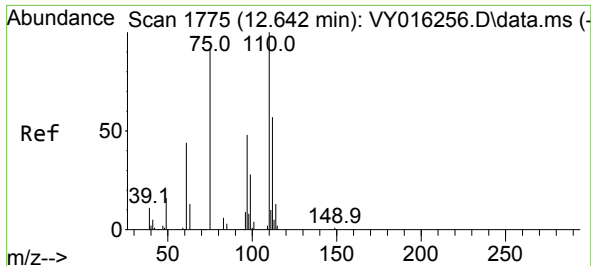
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 155.5 0.0 348.8

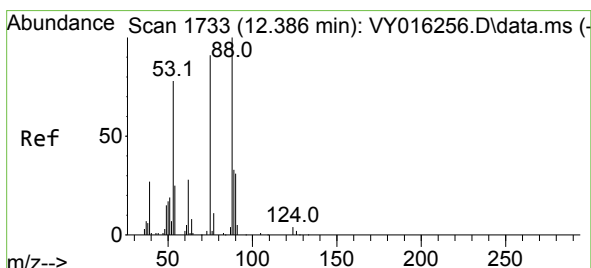
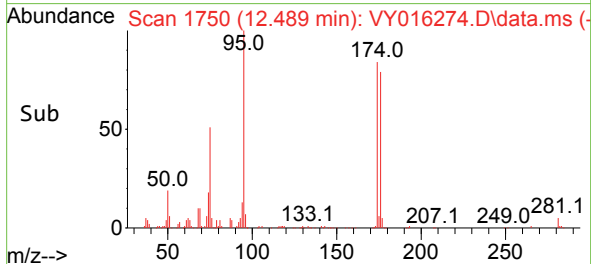
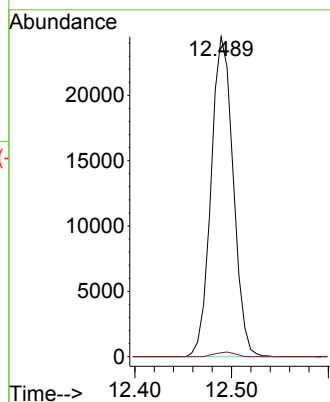
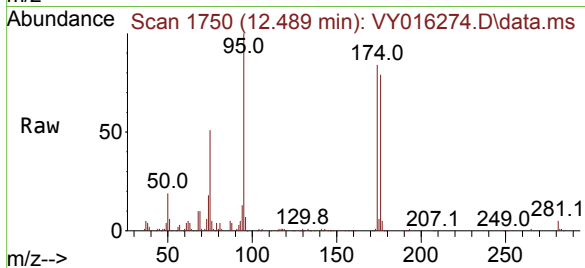




#76
1,2,3-Trichloropropane
Concen: 50.519 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38981
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.657 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion: 75 Resp: 38981
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

