

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016363.D
 Acq On : 15 Nov 2023 14:00
 Operator : SY/MD
 Sample : 05408-11
 Misc : 7.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:04:07 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)

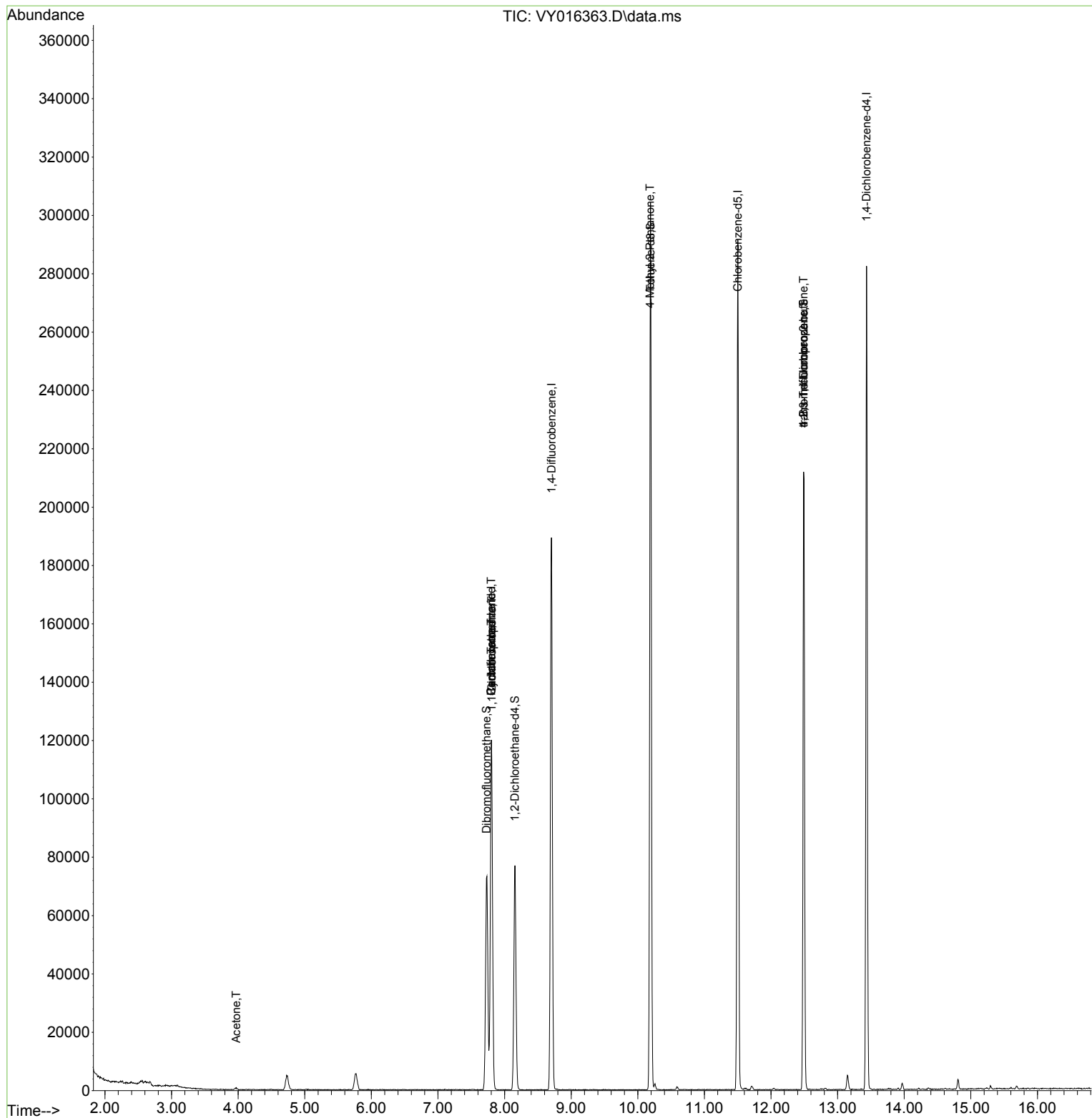
Internal Standards						
1) Pentafluorobenzene	7.801	168	95695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	167312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	160736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60040	68.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.300%	
35) Dibromofluoromethane	7.728	113	53443	56.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.460%	
50) Toluene-d8	10.191	98	199445	51.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.500%	
62) 4-Bromofluorobenzene	12.489	95	67301	53.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	942	6.511	ug/l	94
31) Cyclohexane	7.801	56	1779	1.033	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	6753	4.092	ug/l #	50
38) Carbon Tetrachloride	7.801	117	9582	5.594	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	822	1.261	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	35155	50.402	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35155	109.401	ug/l #	10

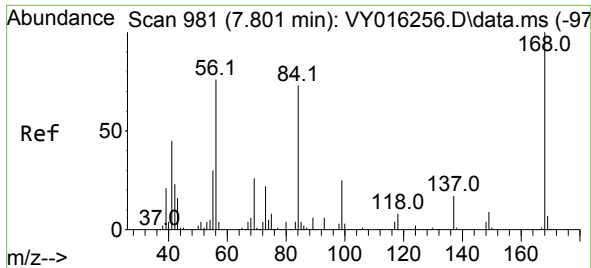
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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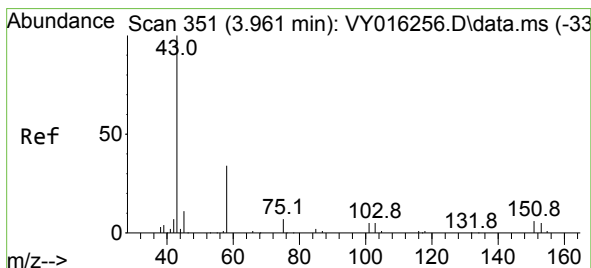
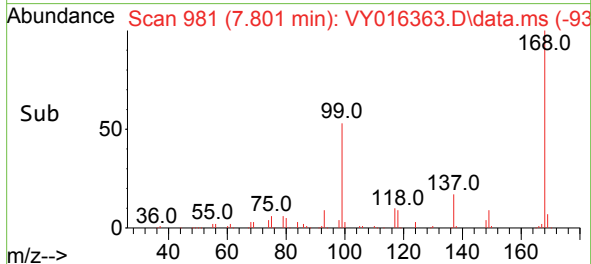
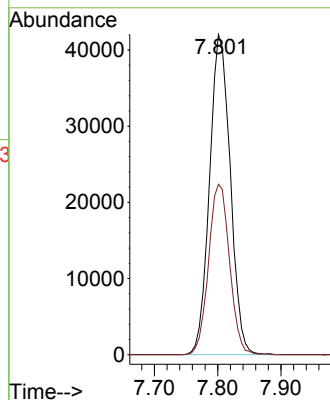
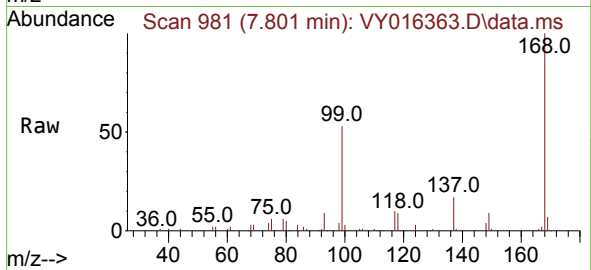




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

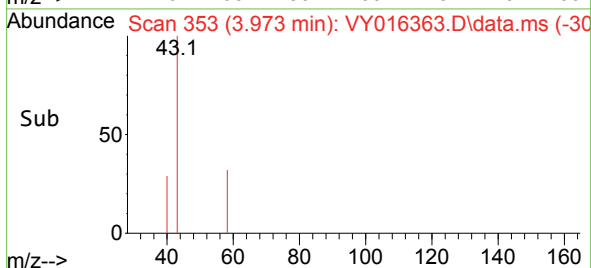
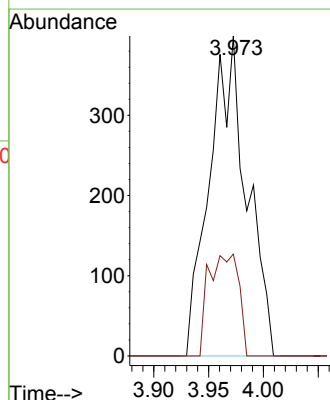
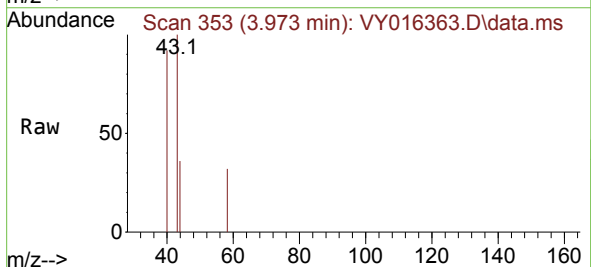
Instrument :
MSVOA_Y
ClientSampleId :

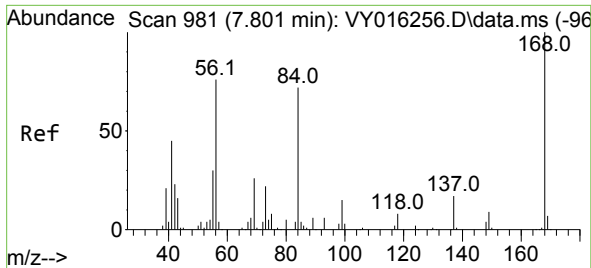
Tgt Ion:168 Resp: 95695
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#16
Acetone
Concen: 6.511 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

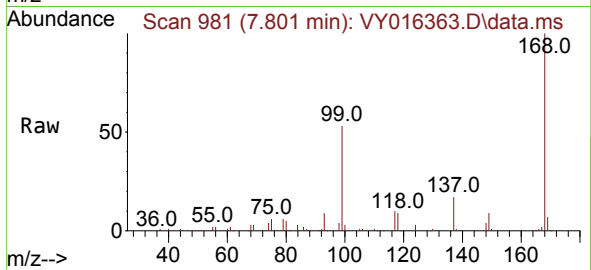
Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1



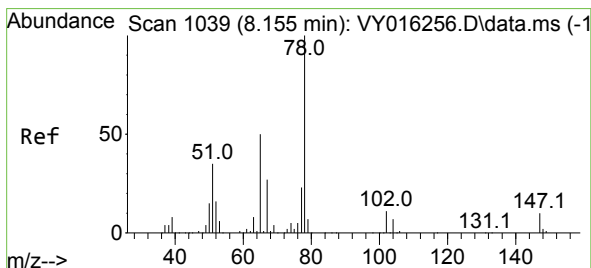
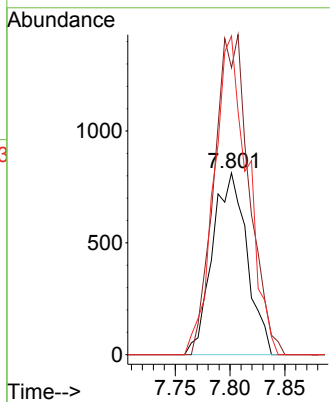
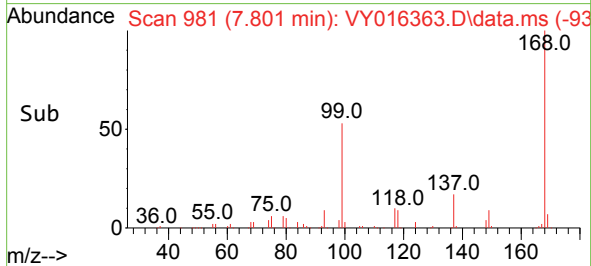


#31
Cyclohexane
Concen: 1.033 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

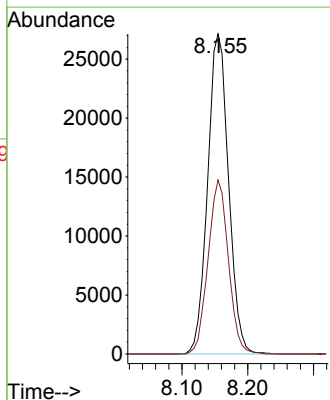
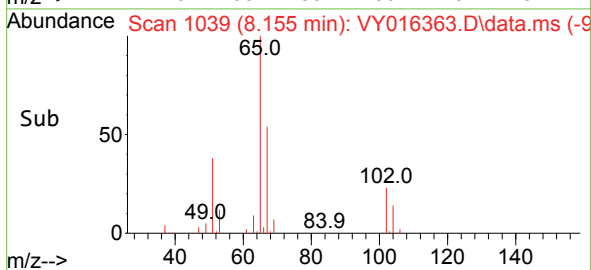
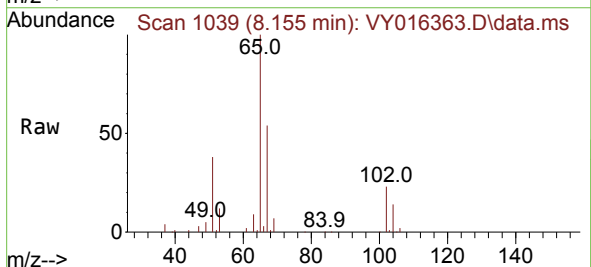


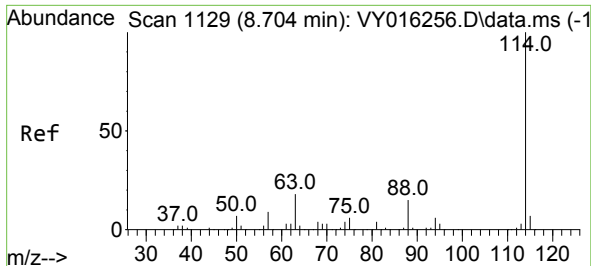
Tgt Ion: 56 Resp: 1779
Ion Ratio Lower Upper
56 100
69 157.8 27.8 41.6#
84 175.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 68.647 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

Tgt Ion: 65 Resp: 60040
Ion Ratio Lower Upper
65 100
67 52.9 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: VY016363.D

Acq: 15 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

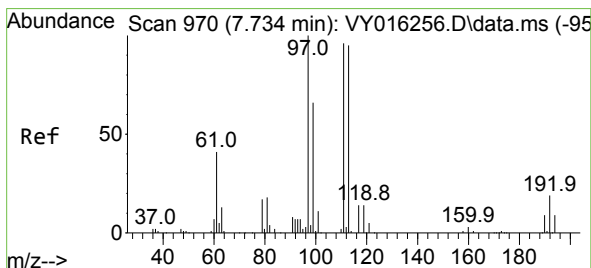
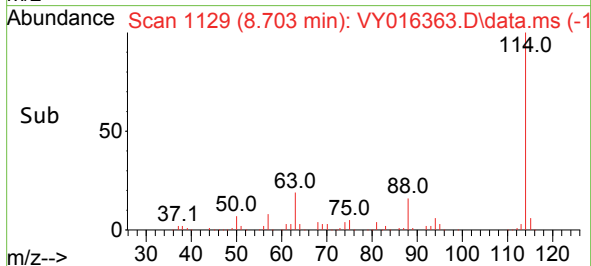
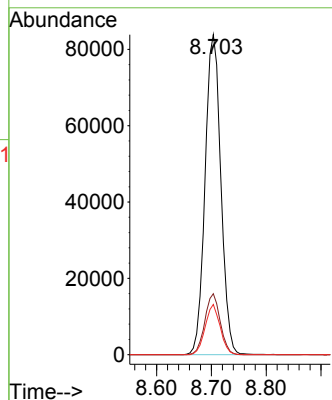
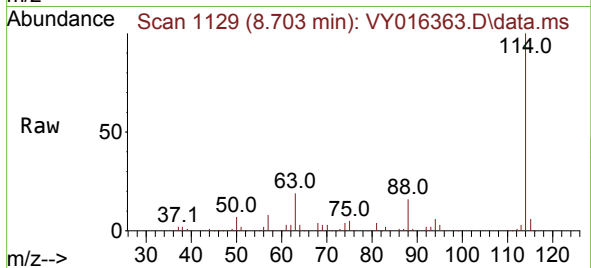
Tgt Ion:114 Resp: 167312

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.230 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016363.D

Acq: 15 Nov 2023 14:00

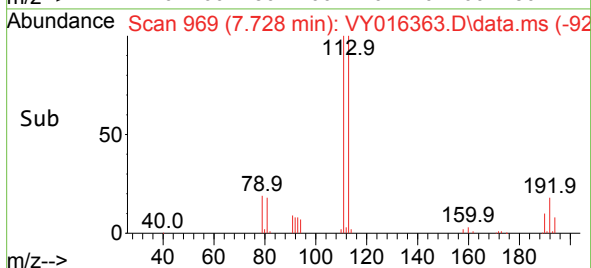
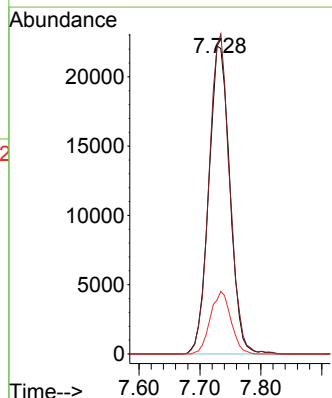
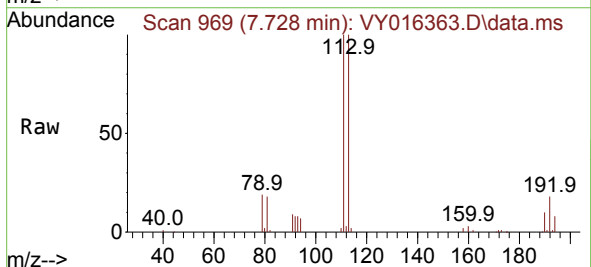
Tgt Ion:113 Resp: 53443

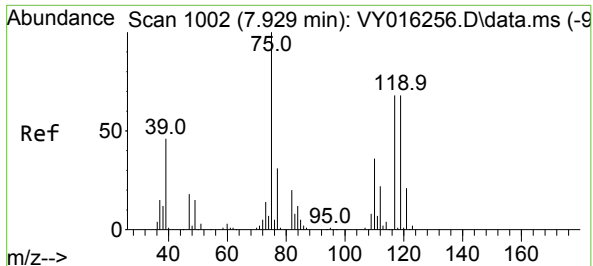
Ion Ratio Lower Upper

113 100

111 101.9 81.3 121.9

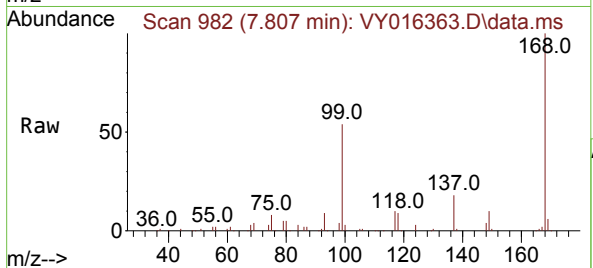
192 19.8 16.9 25.3



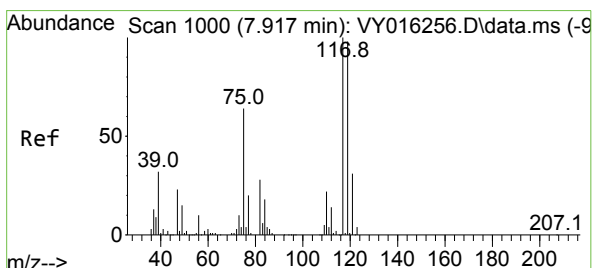
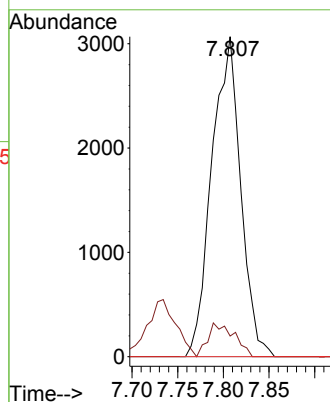
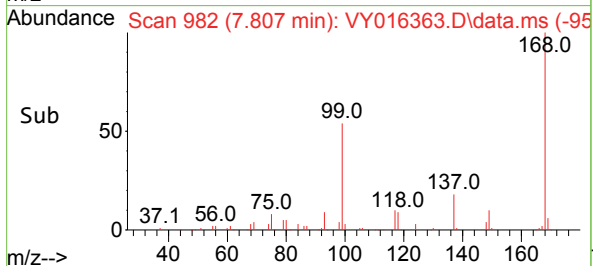


#36
1,1-Dichloropropene
Concen: 4.092 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

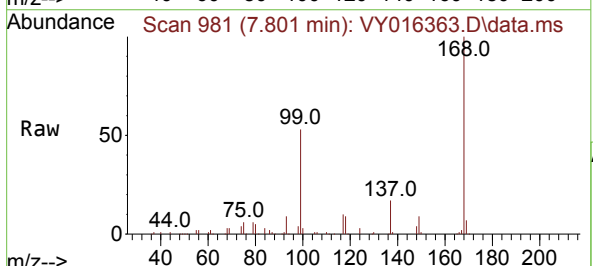
Instrument :
MSVOA_Y
ClientSampleId :



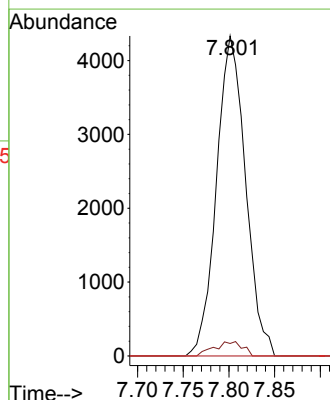
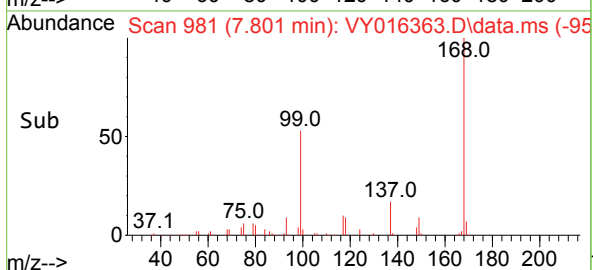
Tgt Ion: 75 Resp: 6753
Ion Ratio Lower Upper
75 100
110 9.5 17.8 53.5#
77 0.0 24.4 36.6#

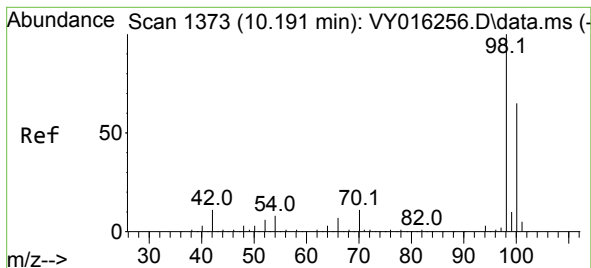


#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00



Tgt Ion: 117 Resp: 9582
Ion Ratio Lower Upper
117 100
119 3.9 76.4 114.6#
121 0.0 25.8 38.6#

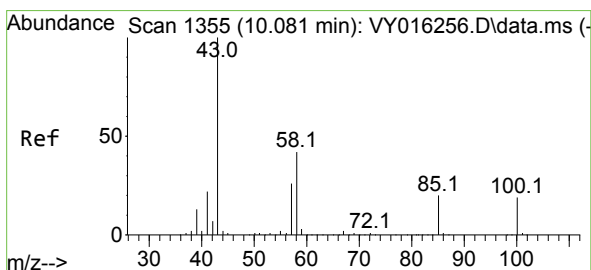
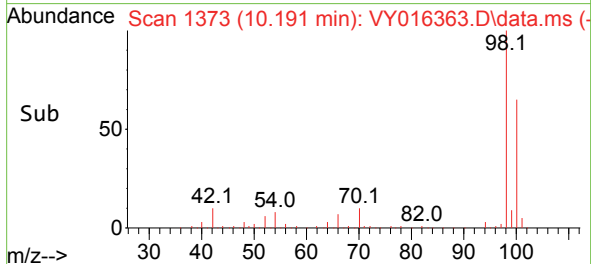
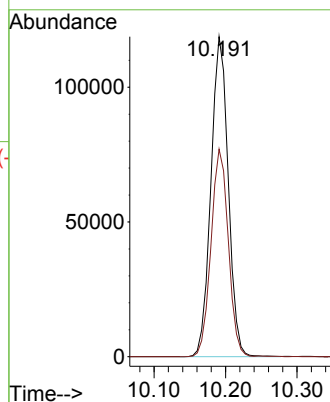
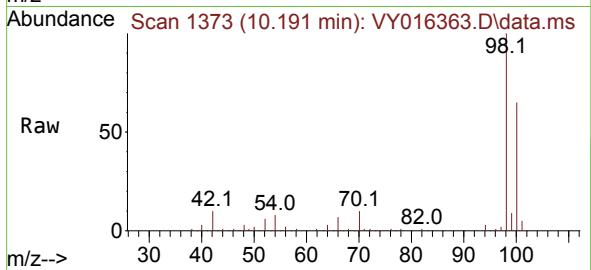




#50
Toluene-d8
Concen: 51.747 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

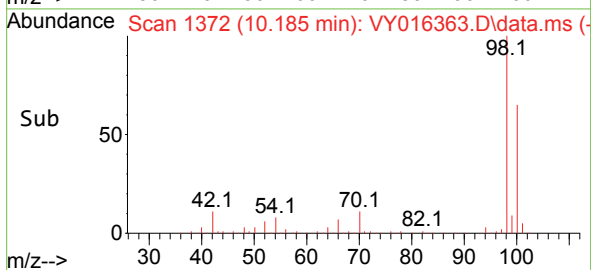
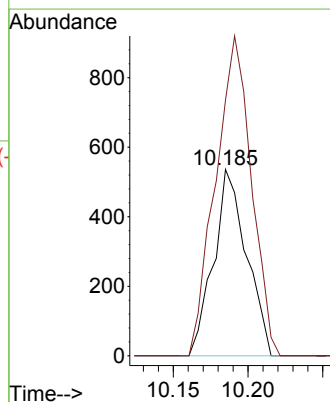
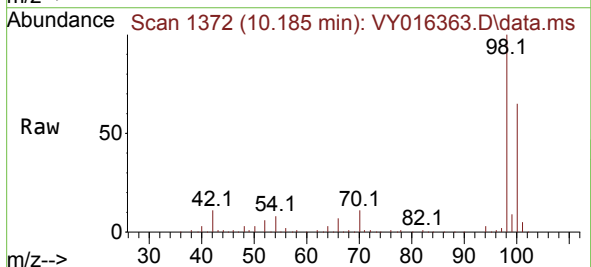
Instrument :
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ClientSampleId :

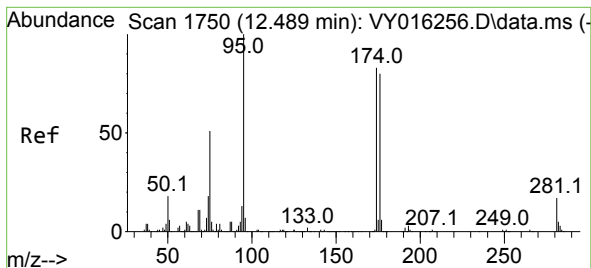
Tgt Ion: 98 Resp: 199445
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.261 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.104 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 186.3 29.0 43.6#

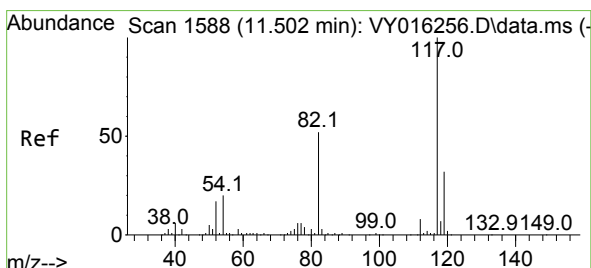
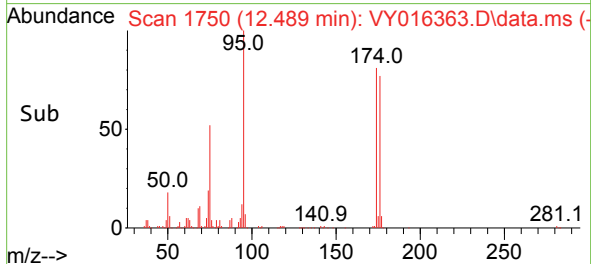
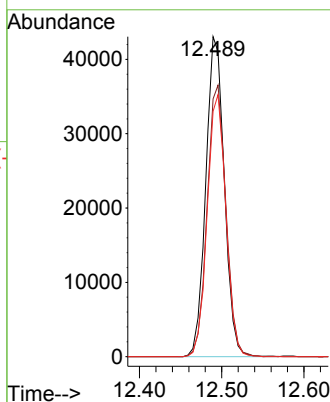
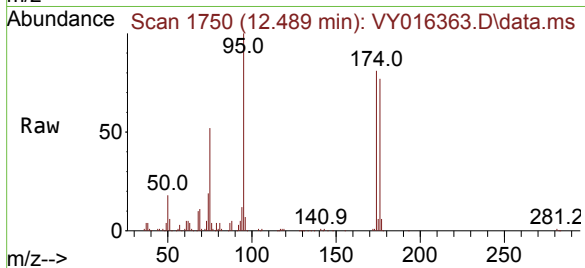




#62
4-Bromofluorobenzene
Concen: 53.764 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

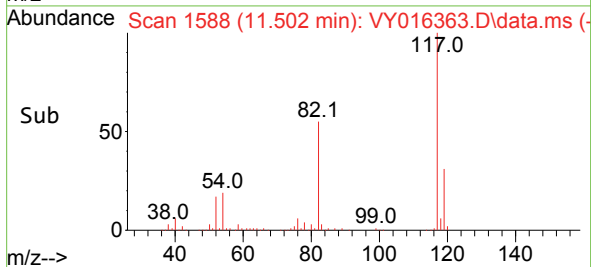
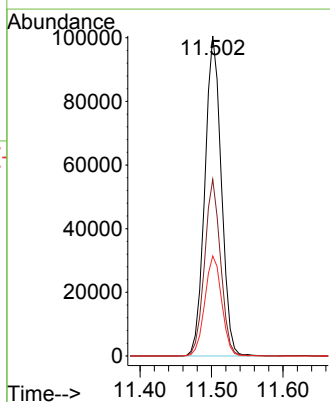
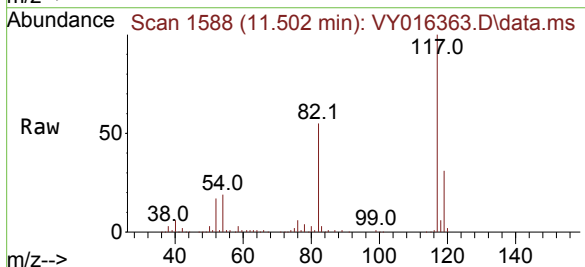
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ClientSampleId :

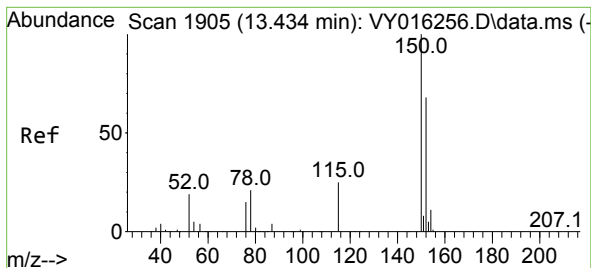
Tgt Ion: 95 Resp: 67301
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016363.D
Acq: 15 Nov 2023 14:00

Tgt Ion: 117 Resp: 160736
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 31.2 26.3 39.5

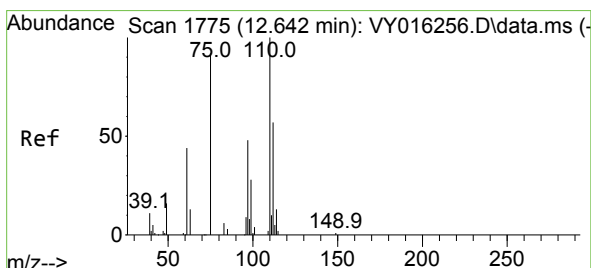
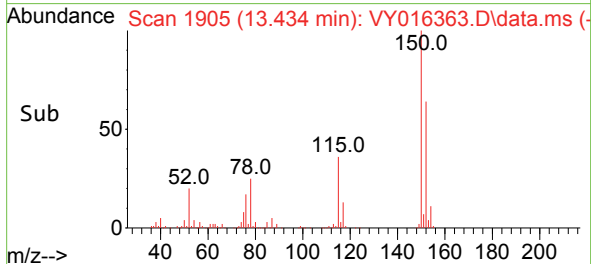
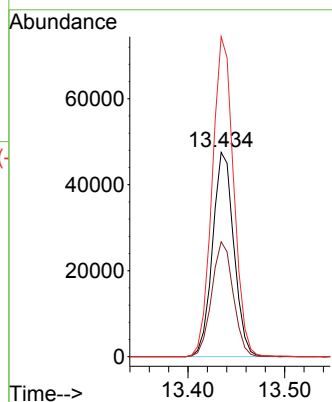
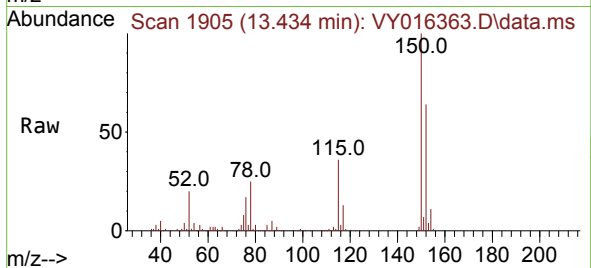




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016363.D
 Acq: 15 Nov 2023 14:00

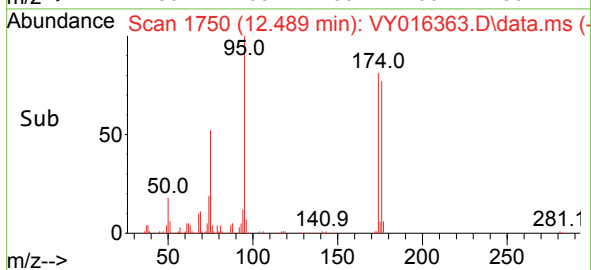
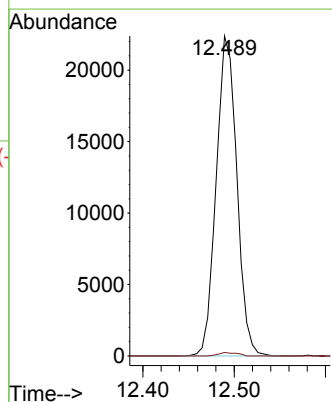
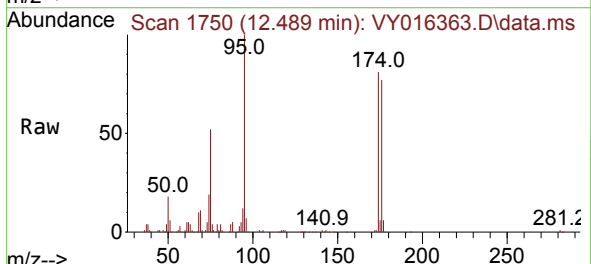
Instrument :
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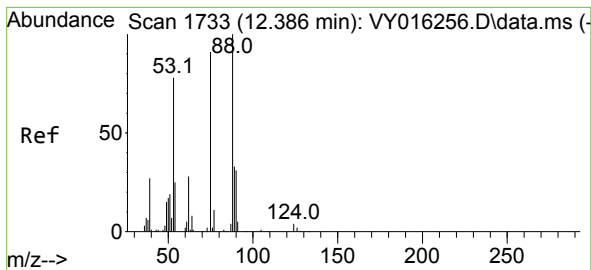
Tgt Ion:152 Resp: 72710
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.8 86.5
 150 157.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 50.402 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016363.D
 Acq: 15 Nov 2023 14:00

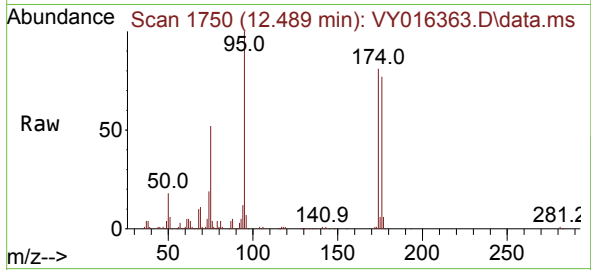
Tgt Ion: 75 Resp: 35155
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.401 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016363.D
 Acq: 15 Nov 2023 14:00

Instrument :
 MSVOA_Y
 ClientSampleId :



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

