

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016480.D
 Acq On : 24 Nov 2023 13:31
 Operator : SY/MD
 Sample : 05468-03RE
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:45:10 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)

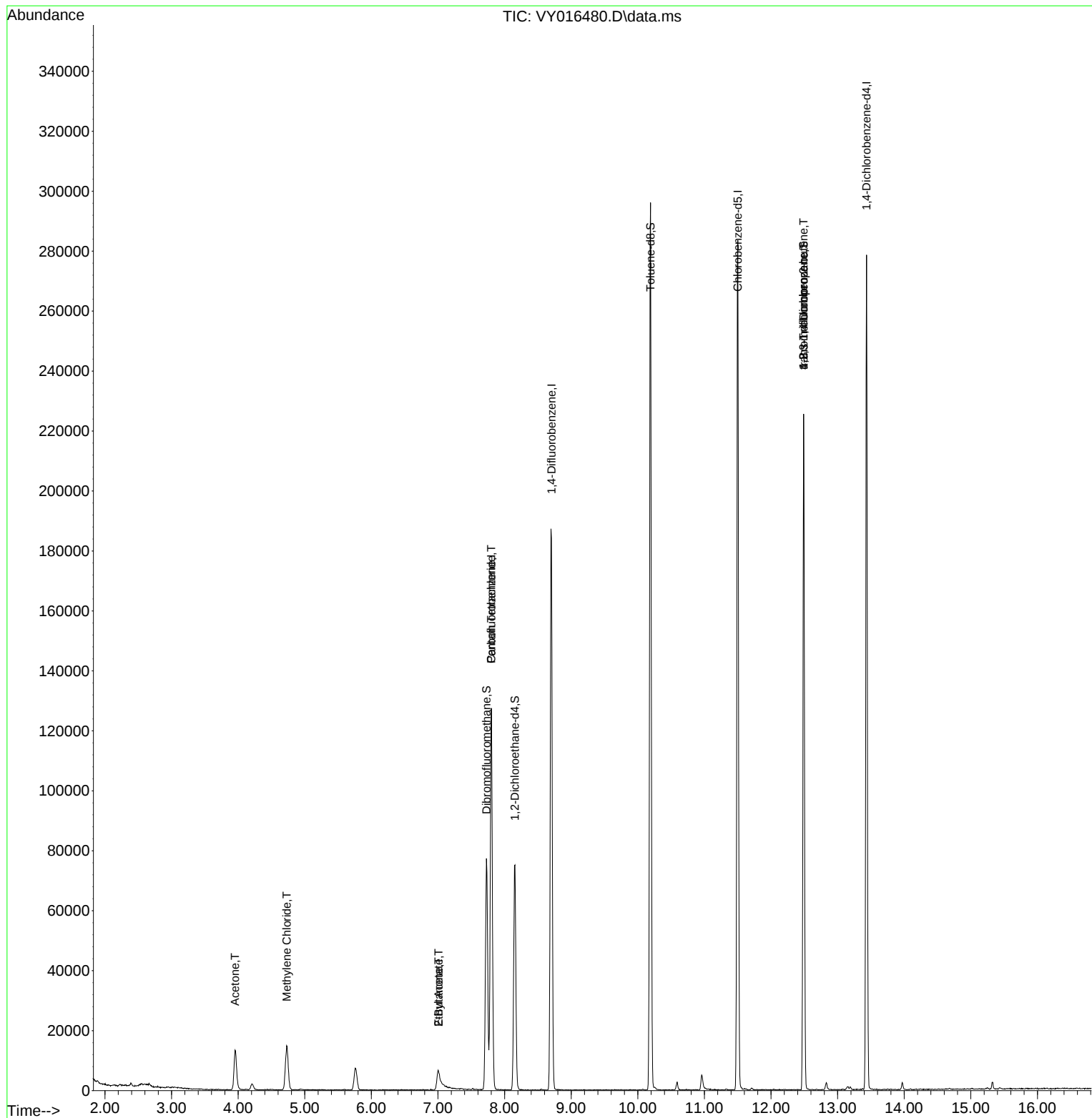
Internal Standards						
1) Pentafluorobenzene	7.801	168	101142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	168717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61407	66.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.860%	
35) Dibromofluoromethane	7.728	113	55496	56.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.400%	
50) Toluene-d8	10.191	98	204759	51.130	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	12.489	95	69568	53.487	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	22921	149.902	ug/l #	86
20) Methylene Chloride	4.729	84	12333	8.531	ug/l #	77
25) 2-Butanone	7.009	43	5761	21.510	ug/l	95
37) Ethyl Acetate	7.009	43	5761	8.315	ug/l #	75
38) Carbon Tetrachloride	7.801	117	9748	5.477	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	35439	48.310	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35439	104.862	ug/l #	10

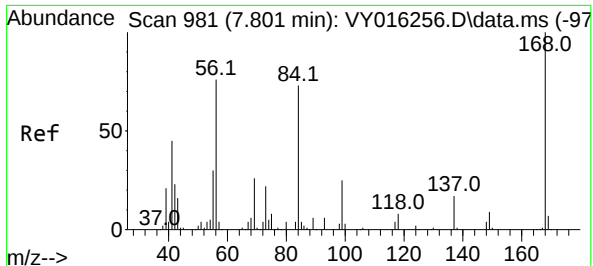
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
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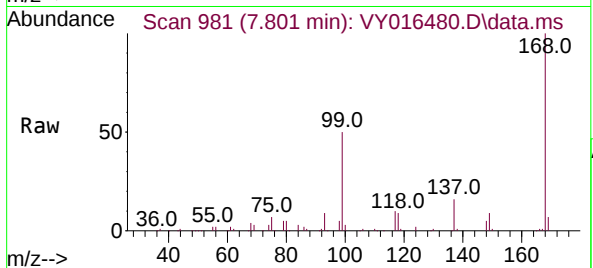
Quant Time: Nov 27 04:45:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



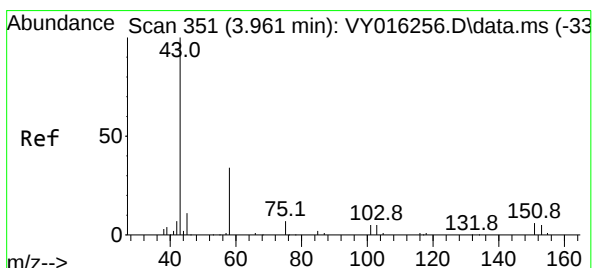
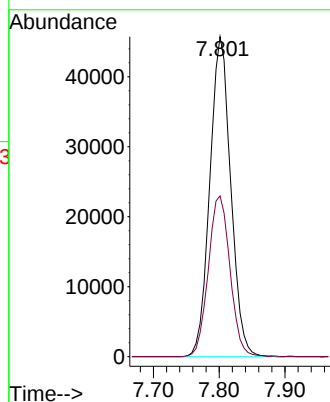
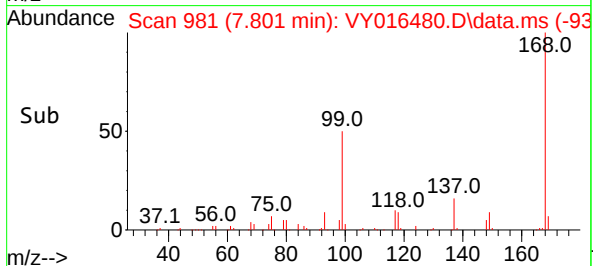


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :

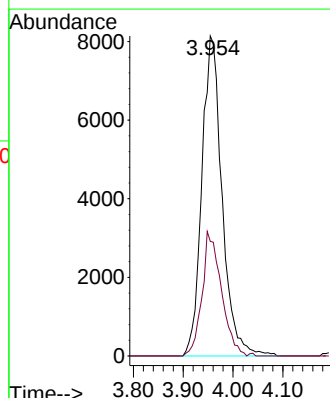
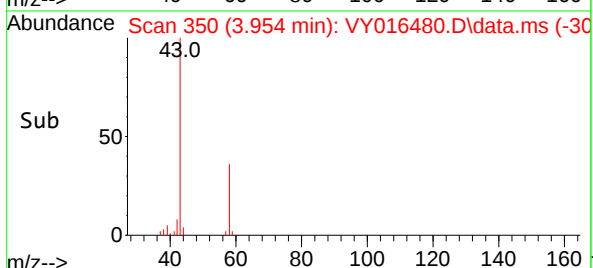
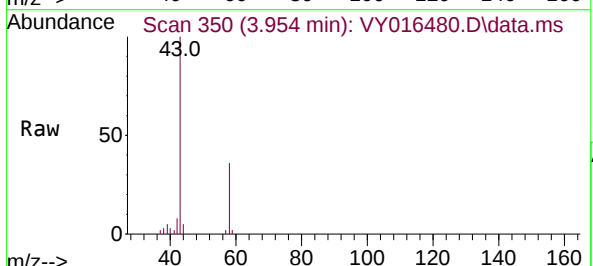


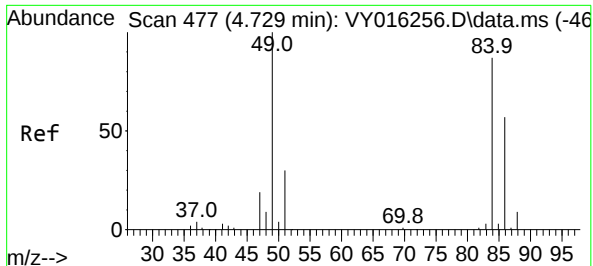
Tgt Ion:168 Resp: 101142
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#16
Acetone
Concen: 149.902 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

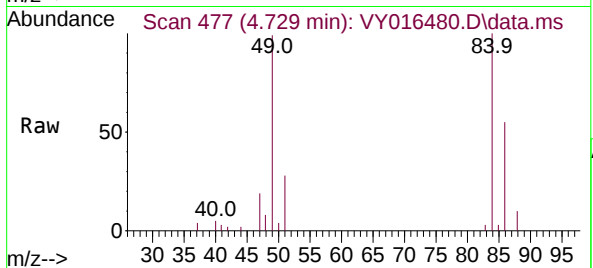
Tgt Ion: 43 Resp: 22921
Ion Ratio Lower Upper
43 100
58 35.8 22.7 34.1#



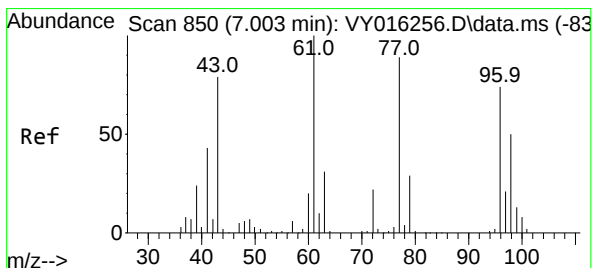
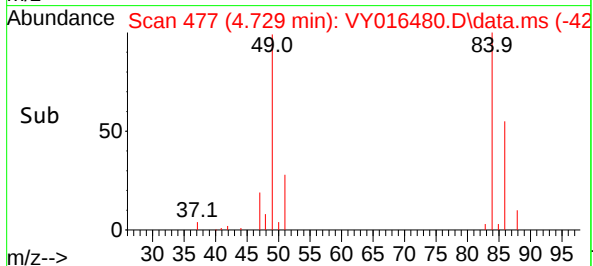
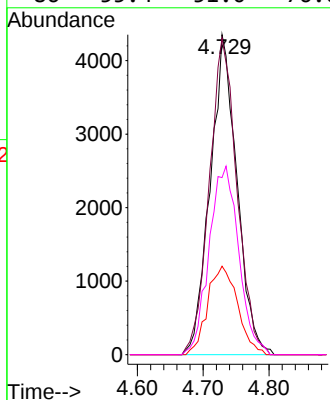


#20
Methylene Chloride
Concen: 8.531 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :

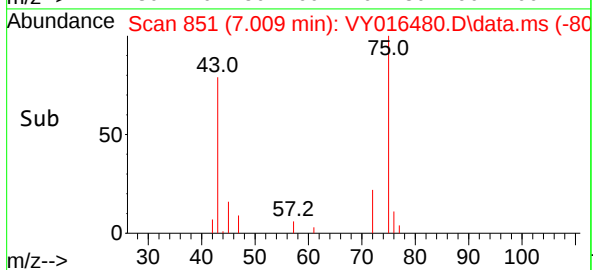
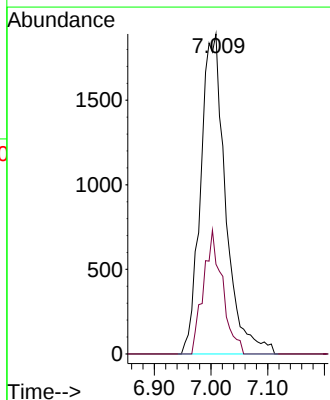
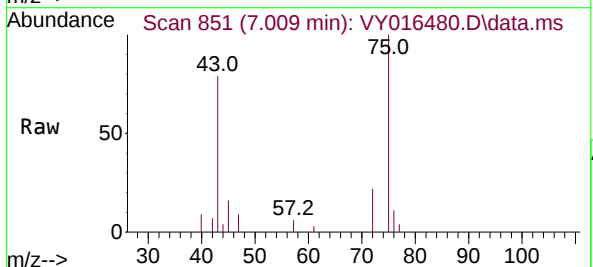


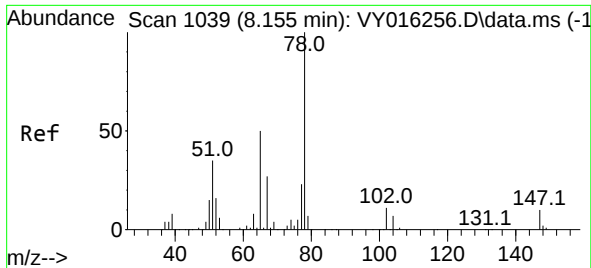
Tgt Ion:	84	Resp:	12333
Ion	Ratio	Lower	Upper
84	100		
49	98.9	106.9	160.3#
51	27.6	33.2	49.8#
86	55.4	51.0	76.6



#25
2-Butanone
Concen: 21.510 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

Tgt Ion:	43	Resp:	5761
Ion	Ratio	Lower	Upper
43	100		
72	28.1	20.5	30.7

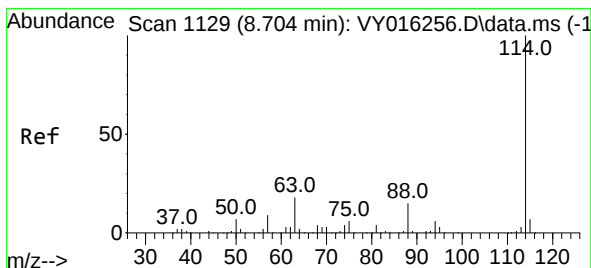
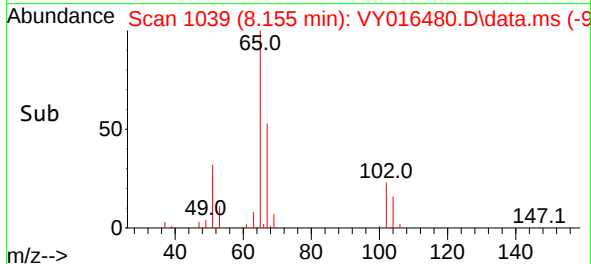
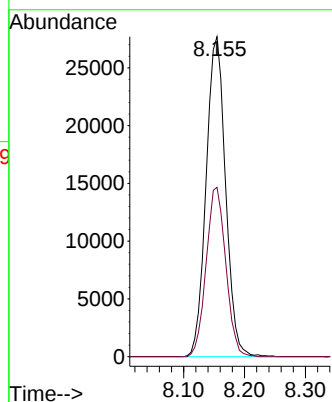
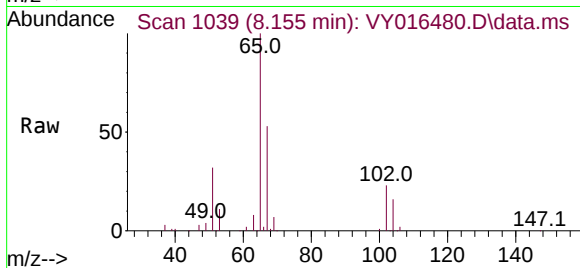




#33
 1,2-Dichloroethane-d4
 Concen: 66.429 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016480.D
 Acq: 24 Nov 2023 13:31

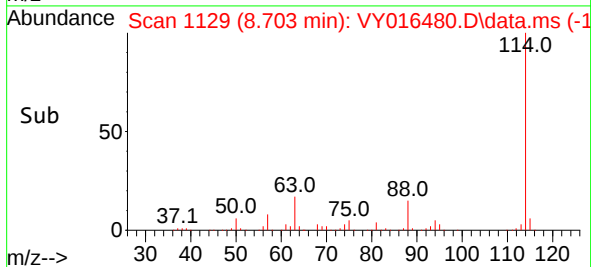
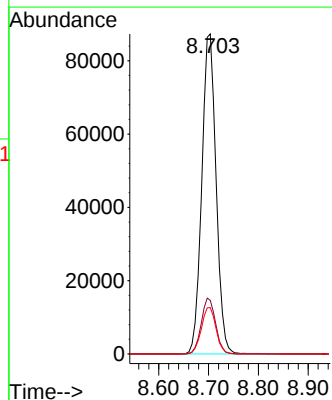
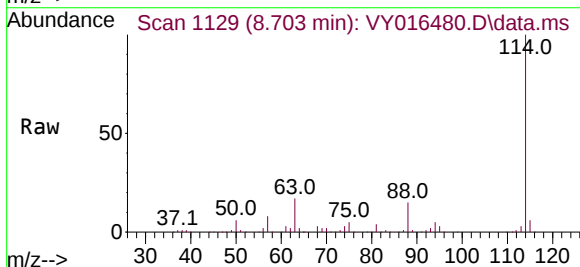
Instrument :
 MSVOA_Y
 ClientSampleId :

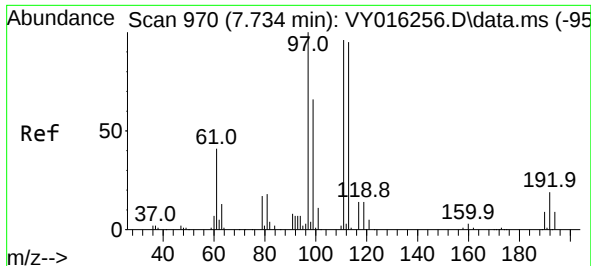
Tgt Ion: 65 Resp: 61407
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016480.D
 Acq: 24 Nov 2023 13:31

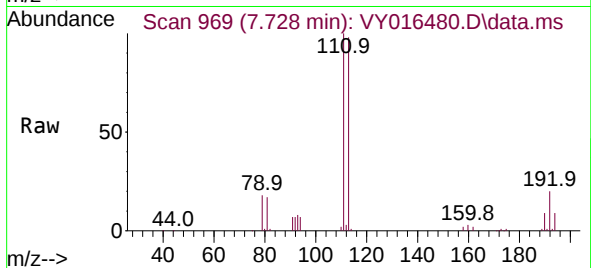
Tgt Ion:114 Resp: 173842
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 42.4
 88 14.5 0.0 30.6



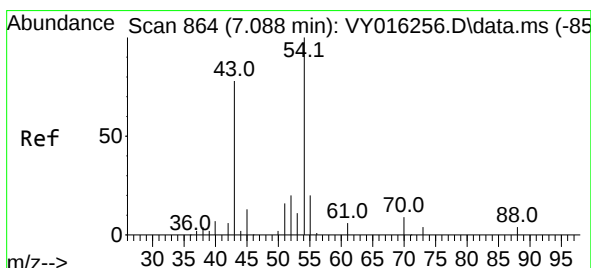
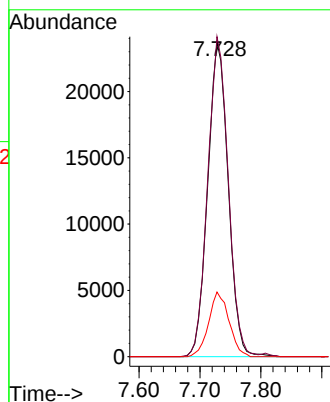
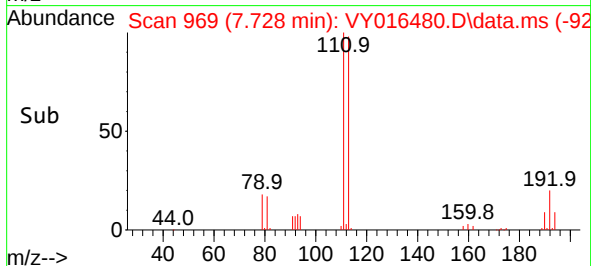


#35
Dibromofluoromethane
Concen: 56.197 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :

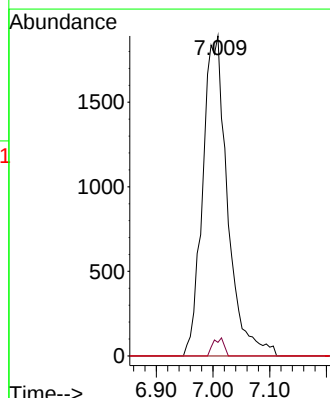
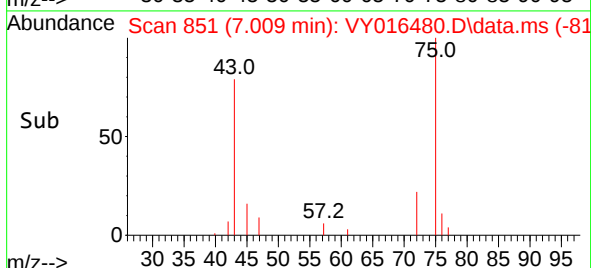
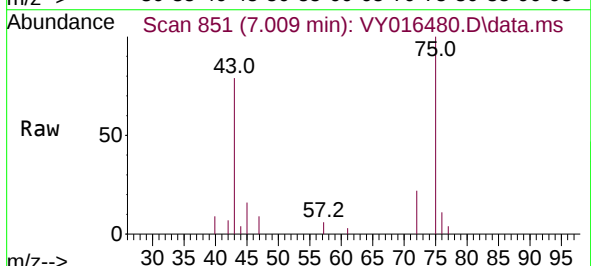


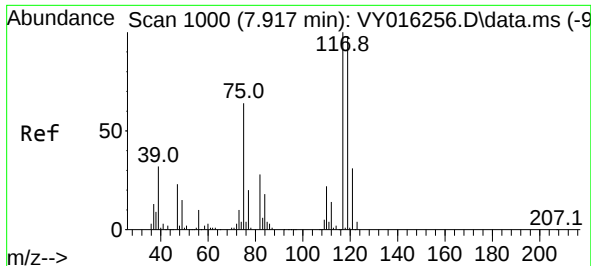
Tgt Ion:113 Resp: 55496
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.4 16.9 25.3



#37
Ethyl Acetate
Concen: 8.315 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

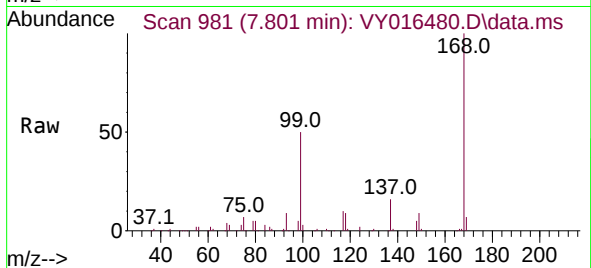
Tgt Ion: 43 Resp: 5761
Ion Ratio Lower Upper
43 100
61 2.5 10.1 15.1#
70 0.0 7.1 10.7#



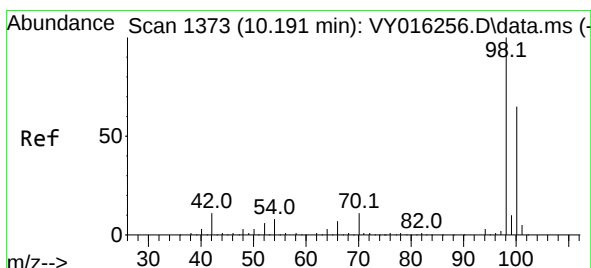
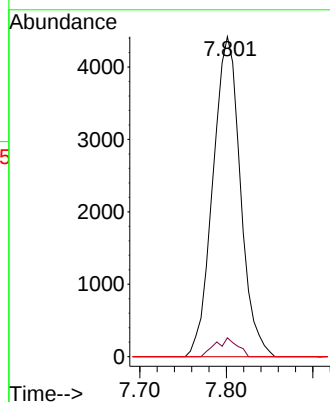
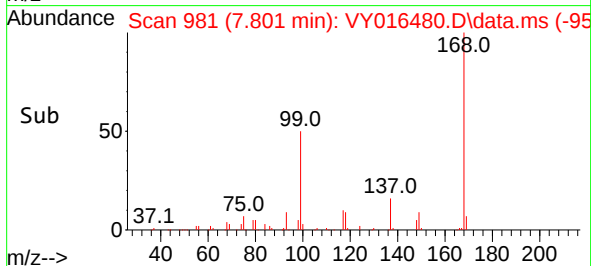


#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

Instrument :
MSVOA_Y
ClientSampleId :

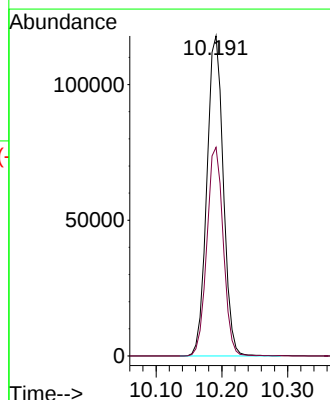
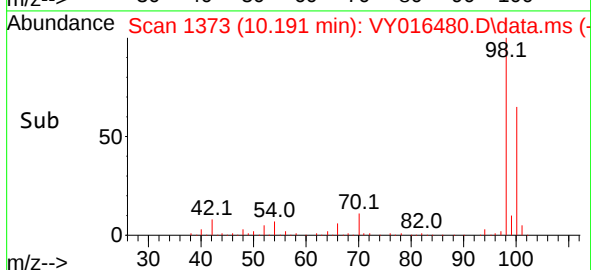
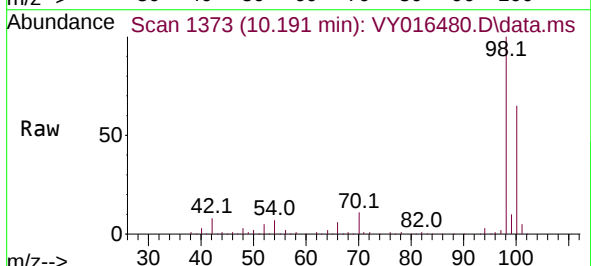


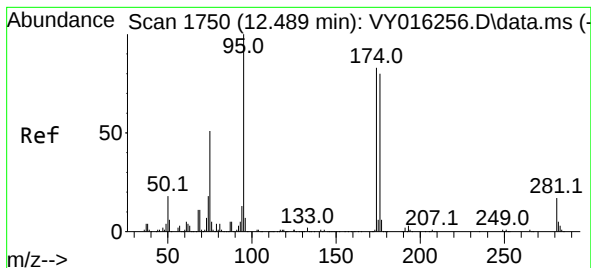
Tgt Ion:117 Resp: 9748
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.130 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

Tgt Ion: 98 Resp: 204759
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1

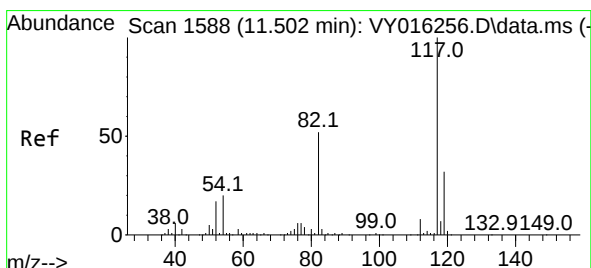
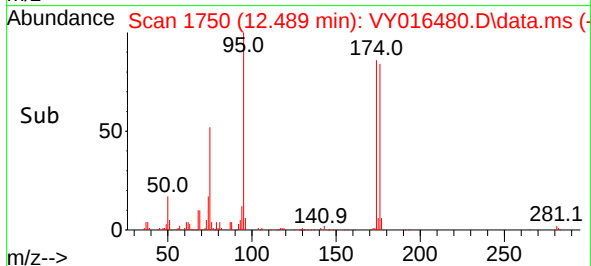
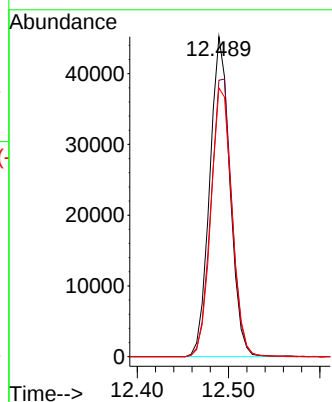
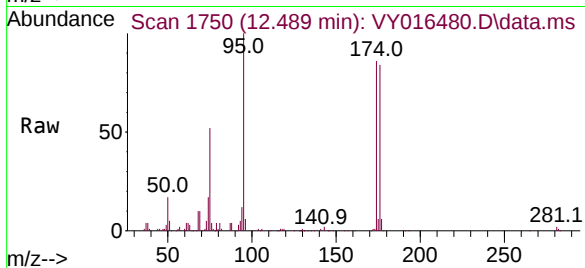




#62
4-Bromofluorobenzene
Concen: 53.487 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

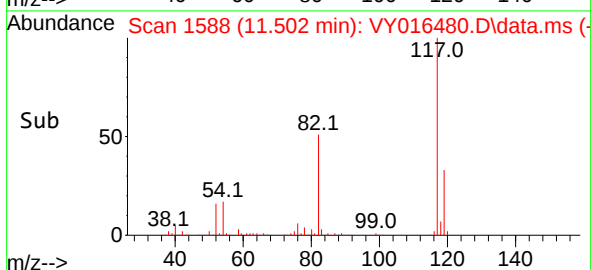
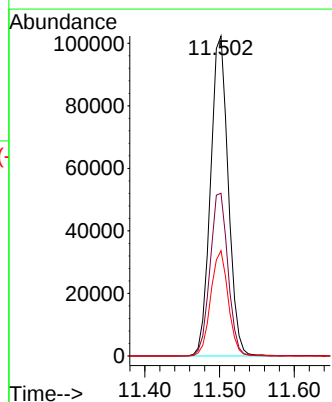
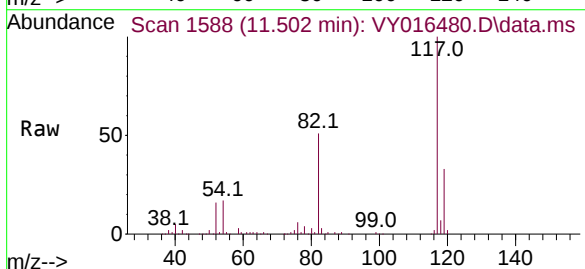
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MSVOA_Y
ClientSampleId :

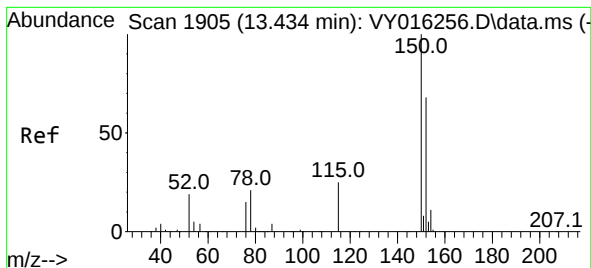
Tgt Ion: 95 Resp: 69568
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 87.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016480.D
Acq: 24 Nov 2023 13:31

Tgt Ion: 117 Resp: 168717
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.0
119 32.9 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: VY016480.D

Acq: 24 Nov 2023 13:31

Instrument :

MSVOA_Y

ClientSampleId :

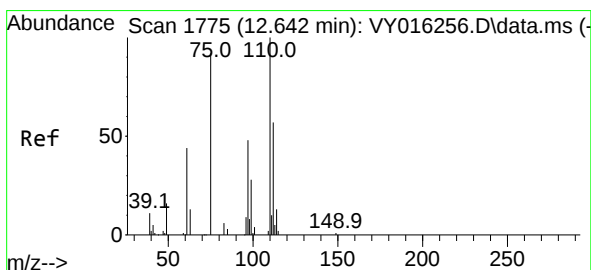
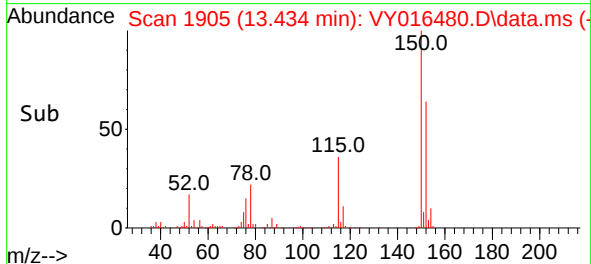
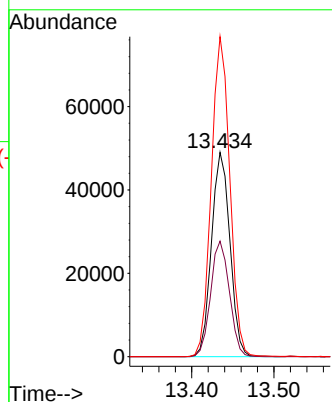
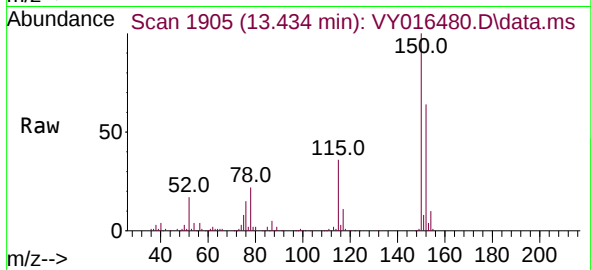
Tgt Ion:152 Resp: 76470

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 157.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 48.310 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016480.D

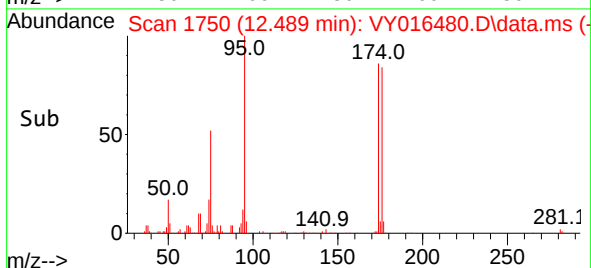
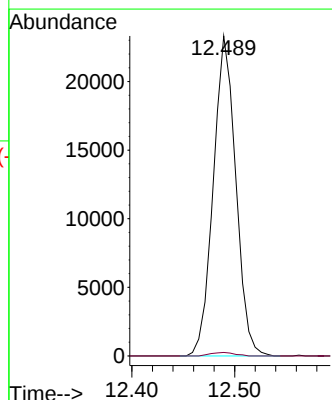
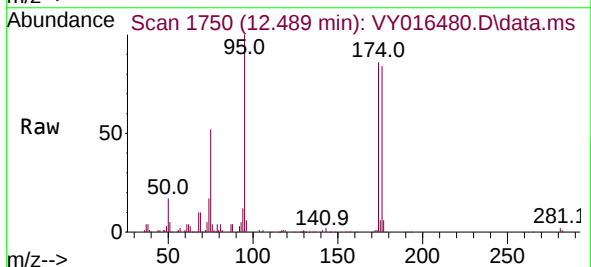
Acq: 24 Nov 2023 13:31

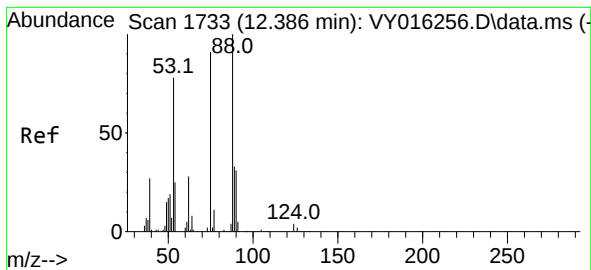
Tgt Ion: 75 Resp: 35439

Ion Ratio Lower Upper

75 100

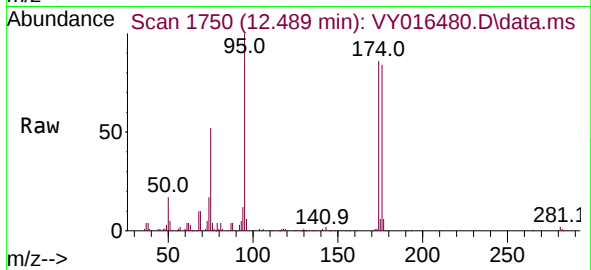
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.862 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016480.D
 Acq: 24 Nov 2023 13:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35439
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

