

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016367.D
 Acq On : 15 Nov 2023 15:34
 Operator : SY/MD
 Sample : 05412-03
 Misc : 4.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:05:24 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

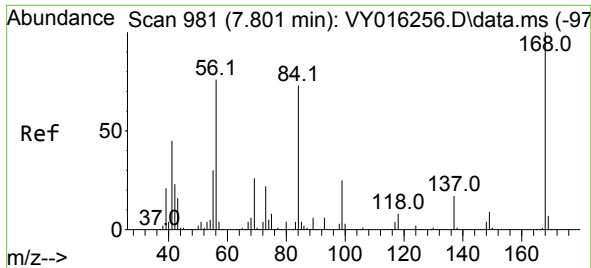
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	94090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	166128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	162377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59091	68.715	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.420%			
35) Dibromofluoromethane	7.728	113	53793	57.001	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.000%			
50) Toluene-d8	10.191	98	196836	51.434	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.489	95	67400	54.226	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.460%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.978	59	398	5.910	ug/l #	89
16) Acetone	3.960	43	2244	15.776	ug/l	95
20) Methylene Chloride	4.735	84	7154	3.911	ug/l #	85
25) 2-Butanone	7.015	43	341	1.369	ug/l #	49
38) Carbon Tetrachloride	7.801	117	9328	5.485	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	35594	50.612	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35594	109.857	ug/l #	11

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

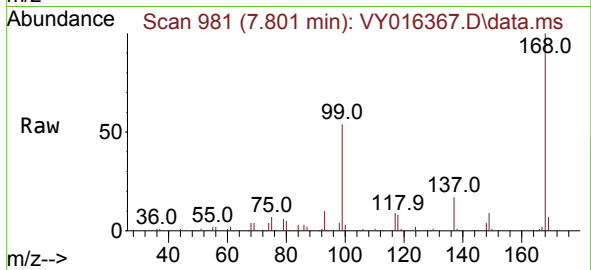
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration



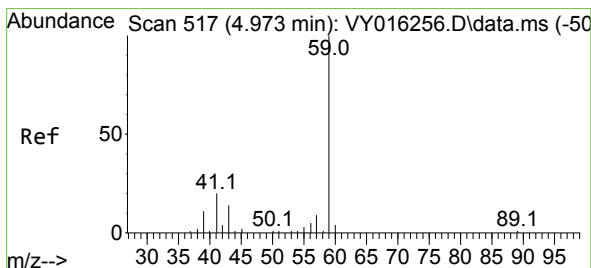
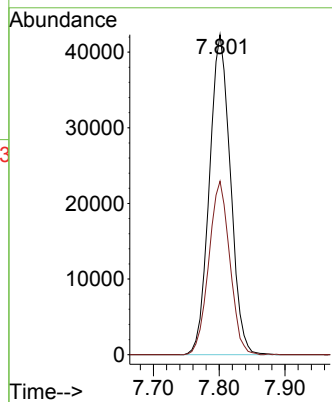
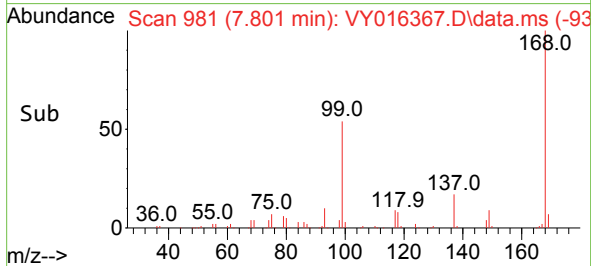


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

Instrument :
MSVOA_Y
ClientSampleId :

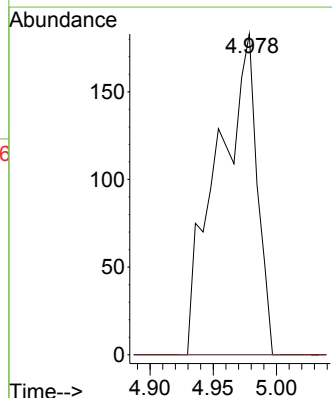
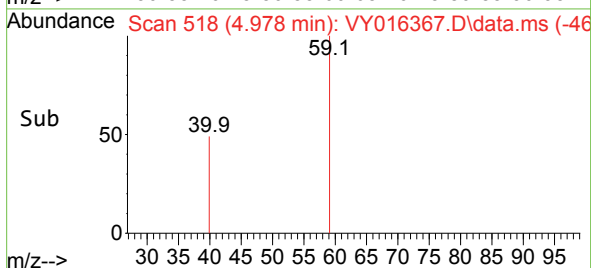
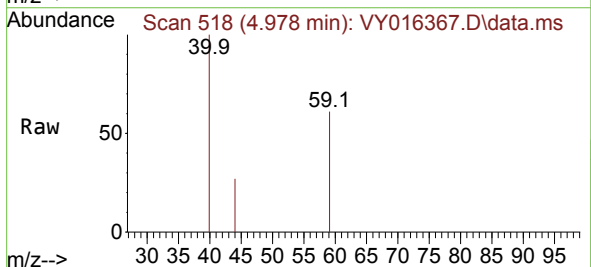


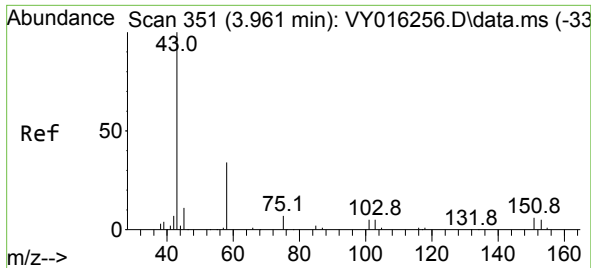
Tgt Ion:168 Resp: 94090
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 5.910 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 15.776 ug/l

RT: 3.960 min Scan# 3

Delta R.T. -0.000 min

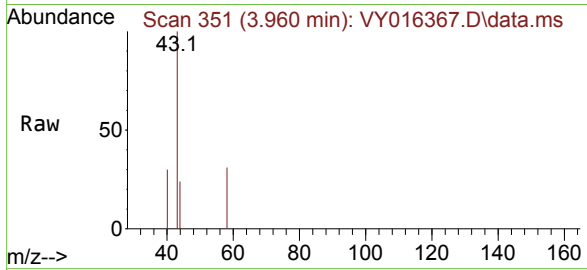
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Acq: 15 Nov 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

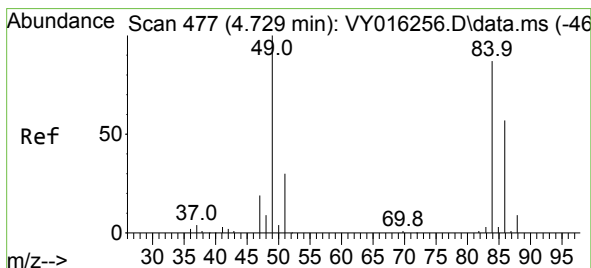
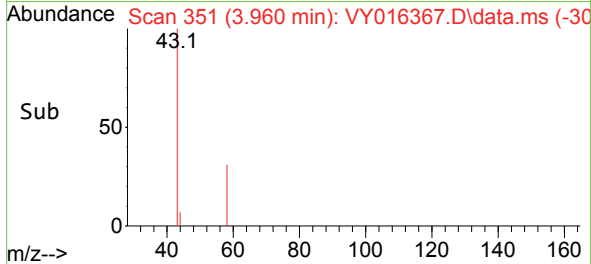
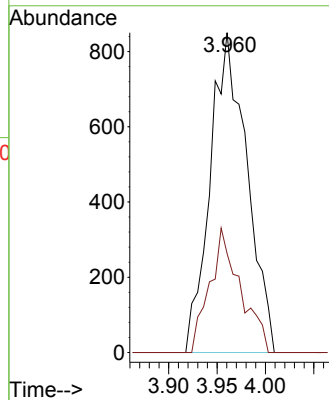


Tgt Ion: 43 Resp: 2244

Ion Ratio Lower Upper

43 100

58 30.9 22.7 34.1



#20

Methylene Chloride

Concen: 3.911 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY016367.D

Acq: 15 Nov 2023 15:34

Tgt Ion: 84 Resp: 7154

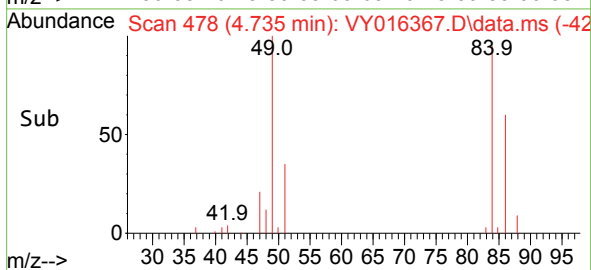
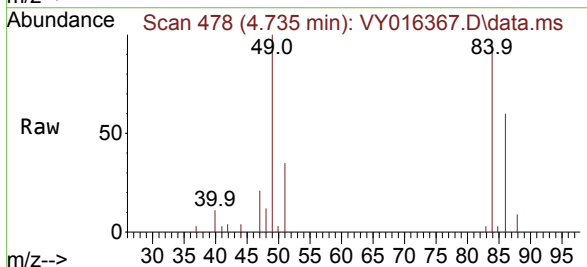
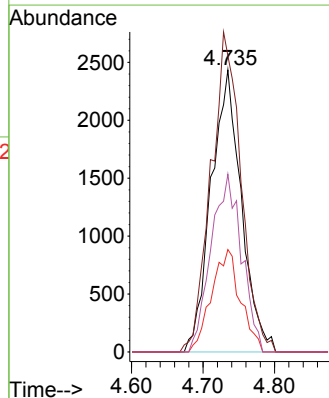
Ion Ratio Lower Upper

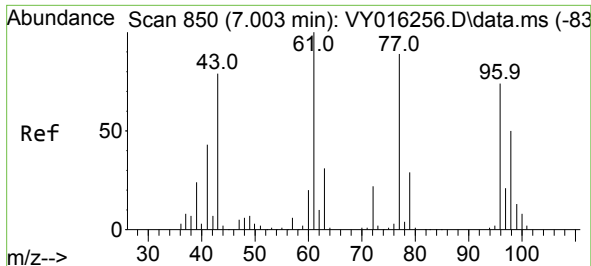
84 100

49 105.0 106.9 160.3#

51 36.3 33.2 49.8

86 63.0 51.0 76.6

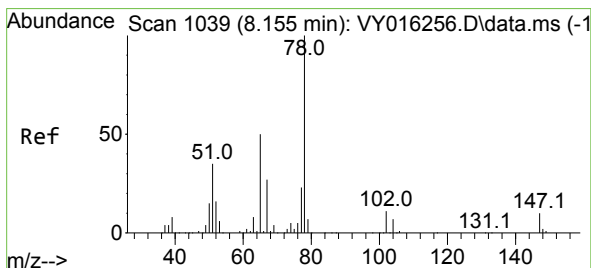
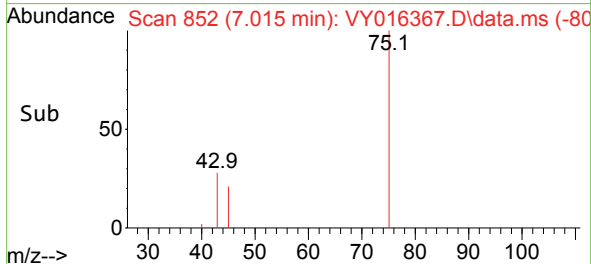
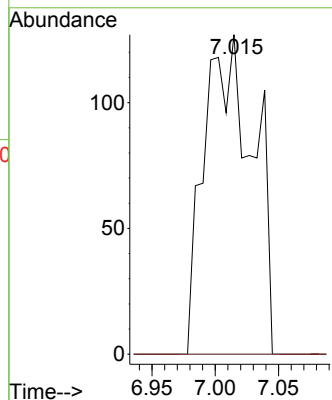
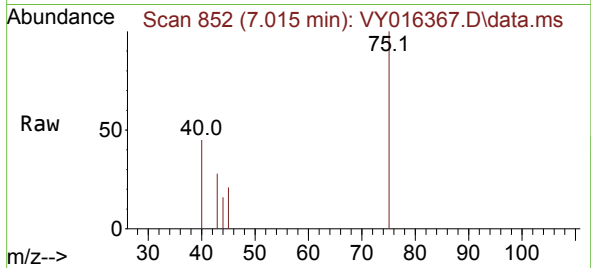




#25
2-Butanone
Concen: 1.369 ug/l
RT: 7.015 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

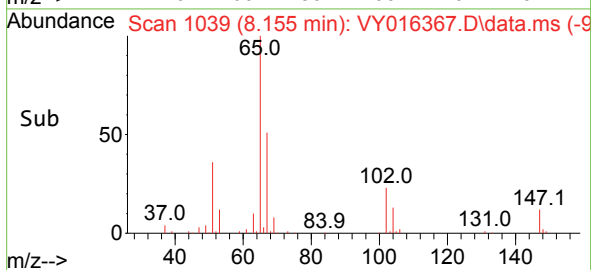
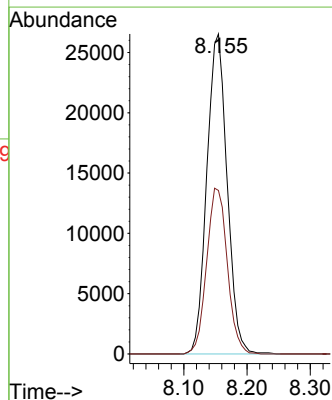
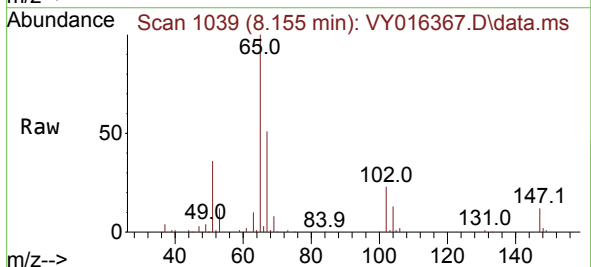
Instrument :
MSVOA_Y
ClientSampleId :

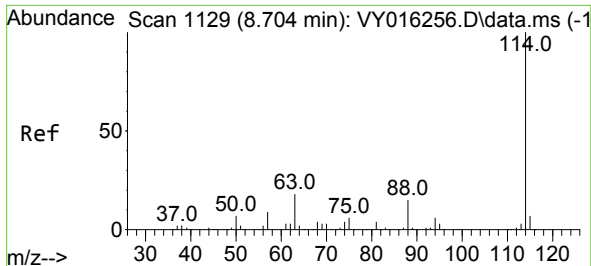
Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 68.715 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

Tgt Ion: 65 Resp: 59091
Ion Ratio Lower Upper
65 100
67 52.7 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: VY016367.D

Acq: 15 Nov 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :

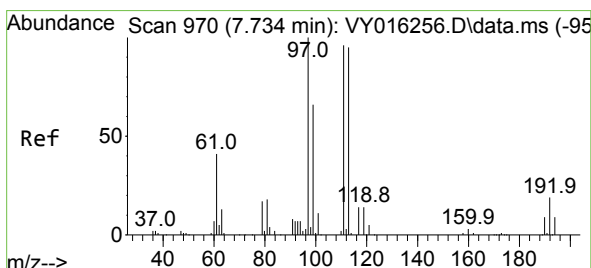
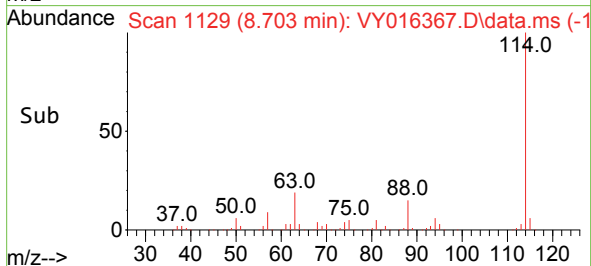
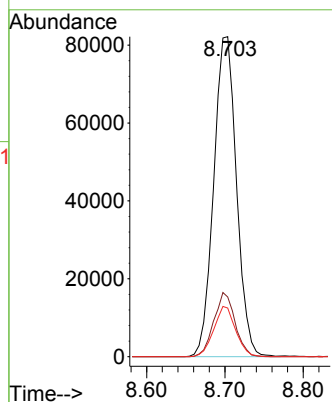
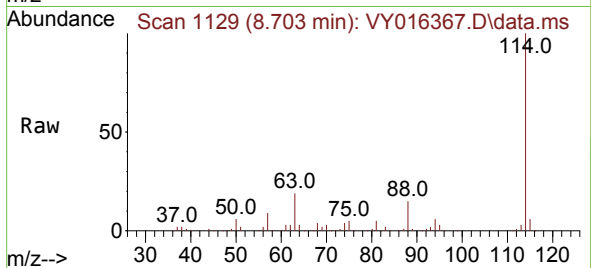
Tgt Ion:114 Resp: 166128

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.001 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016367.D

Acq: 15 Nov 2023 15:34

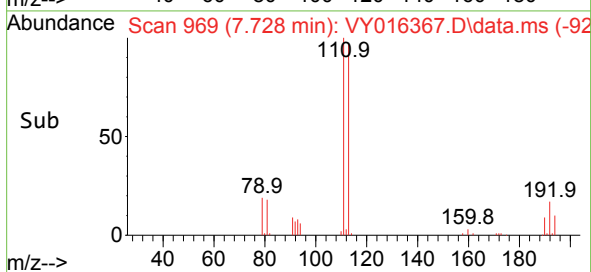
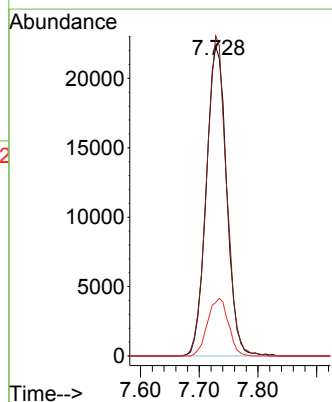
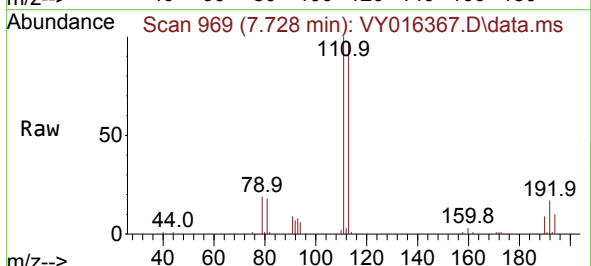
Tgt Ion:113 Resp: 53793

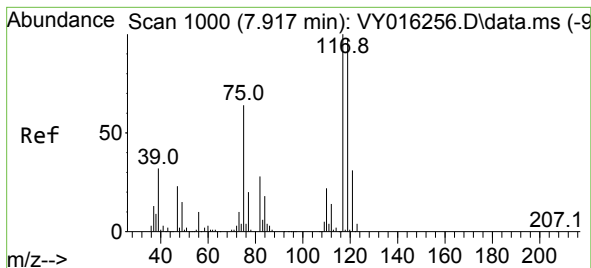
Ion Ratio Lower Upper

113 100

111 101.3 81.3 121.9

192 19.0 16.9 25.3





#38

Carbon Tetrachloride

Concen: 5.485 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.116 min

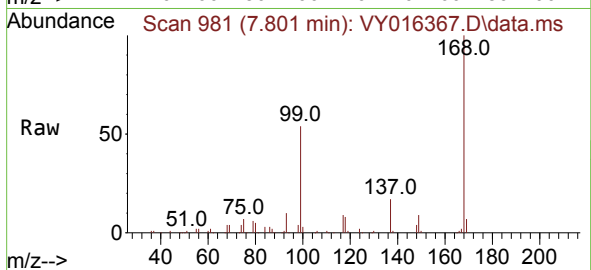
Lab File: VY016367.D

Acq: 15 Nov 2023 15:34

Instrument :

MSVOA_Y

ClientSampleId :



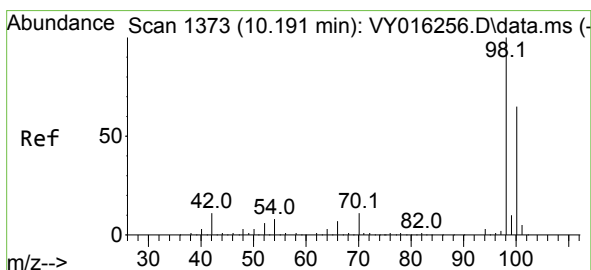
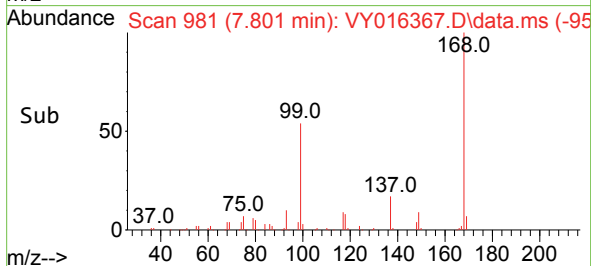
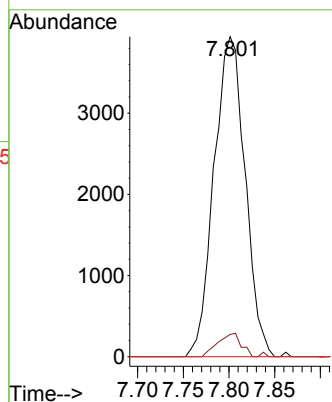
Tgt Ion:117 Resp: 9328

Ion Ratio Lower Upper

117 100

119 6.9 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.434 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016367.D

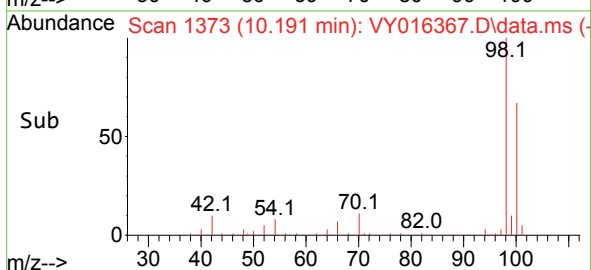
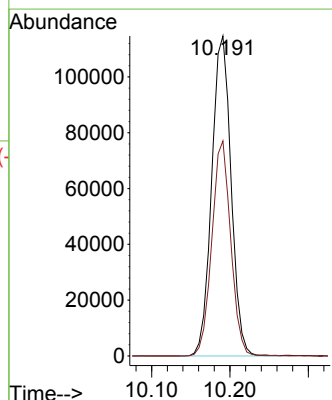
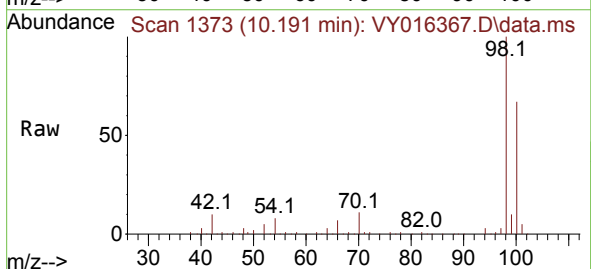
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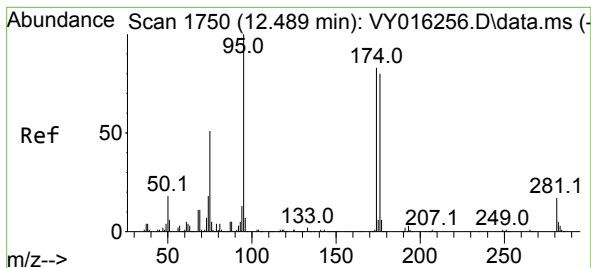
Tgt Ion: 98 Resp: 196836

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

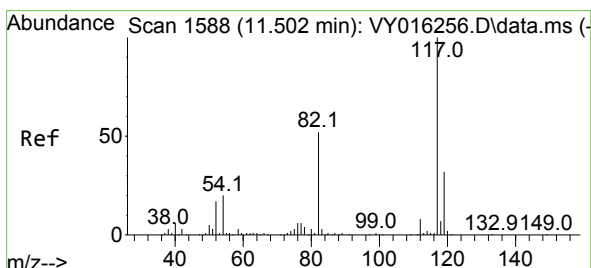
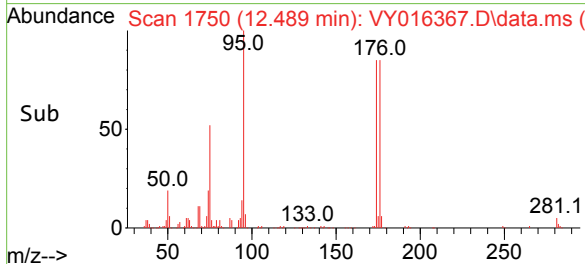
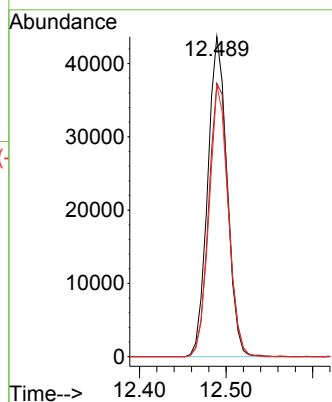
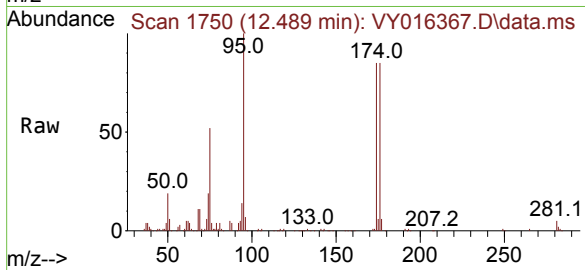




#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

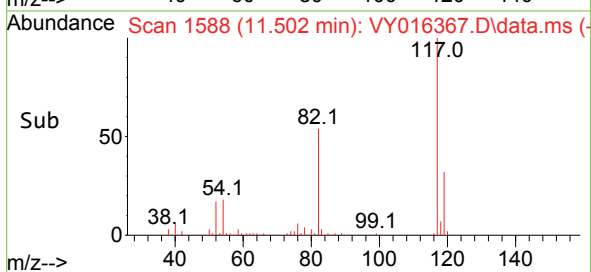
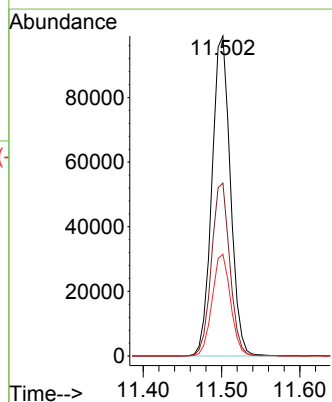
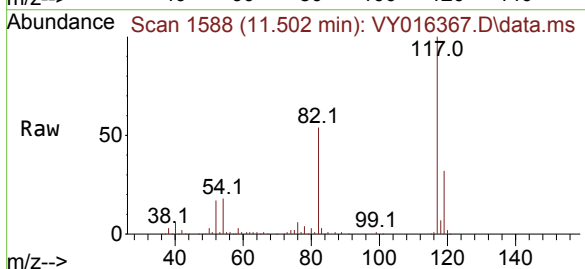
Instrument :
MSVOA_Y
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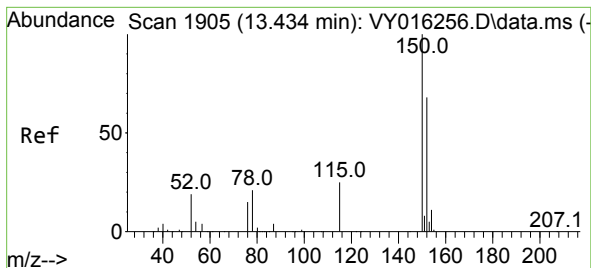
Tgt Ion: 95 Resp: 67400
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016367.D
Acq: 15 Nov 2023 15:34

Tgt Ion: 117 Resp: 162377
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.8 26.3 39.5

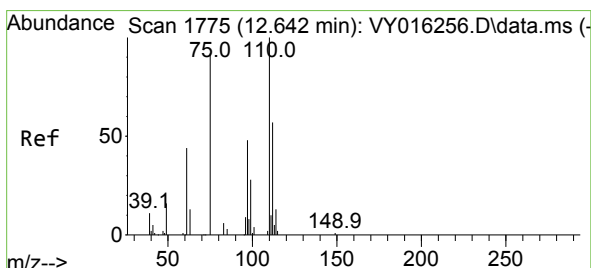
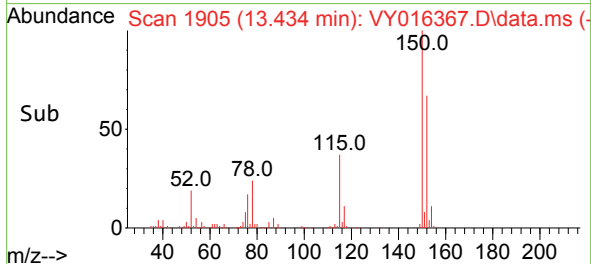
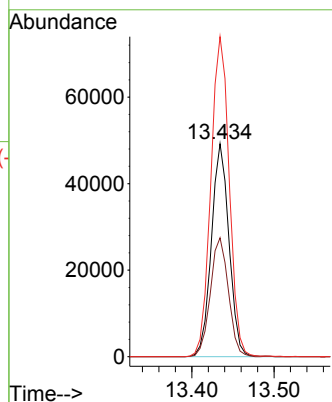
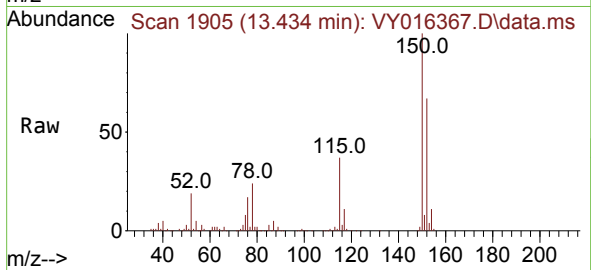




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016367.D
 Acq: 15 Nov 2023 15:34

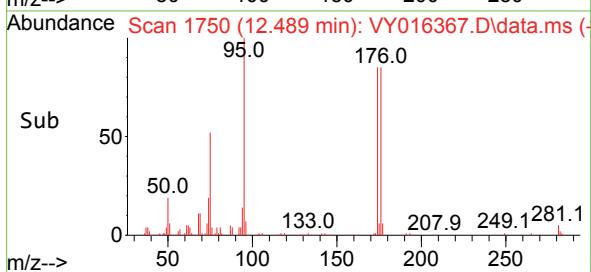
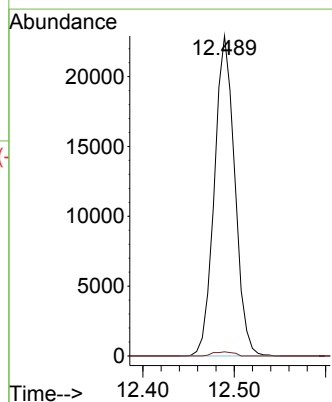
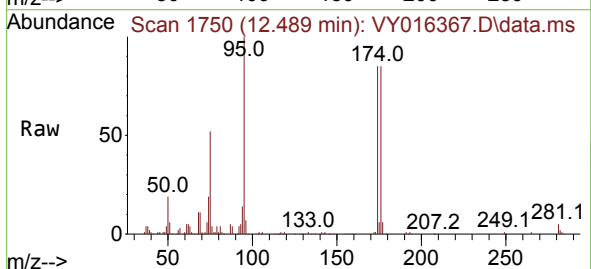
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 MSVOA_Y
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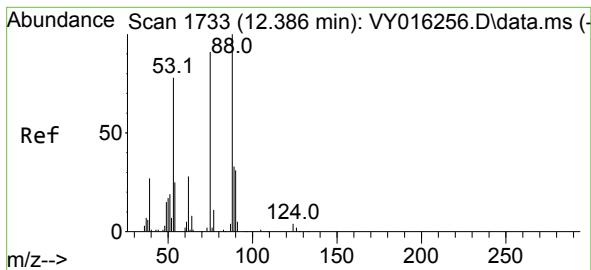
Tgt Ion:152 Resp: 73312
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 157.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 50.612 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016367.D
 Acq: 15 Nov 2023 15:34

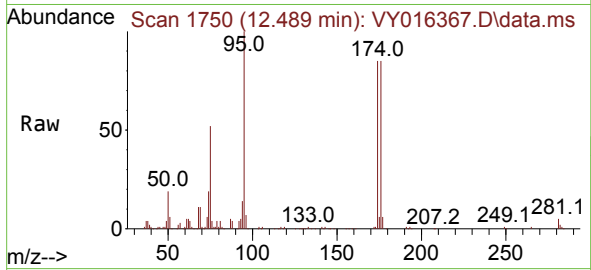
Tgt Ion: 75 Resp: 35594
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.857 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016367.D
 Acq: 15 Nov 2023 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :



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

