

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016295.D
 Acq On : 10 Nov 2023 09:36
 Operator : SY/MD
 Sample : VY1110SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBL01

Quant Time: Nov 10 22:16:44 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)

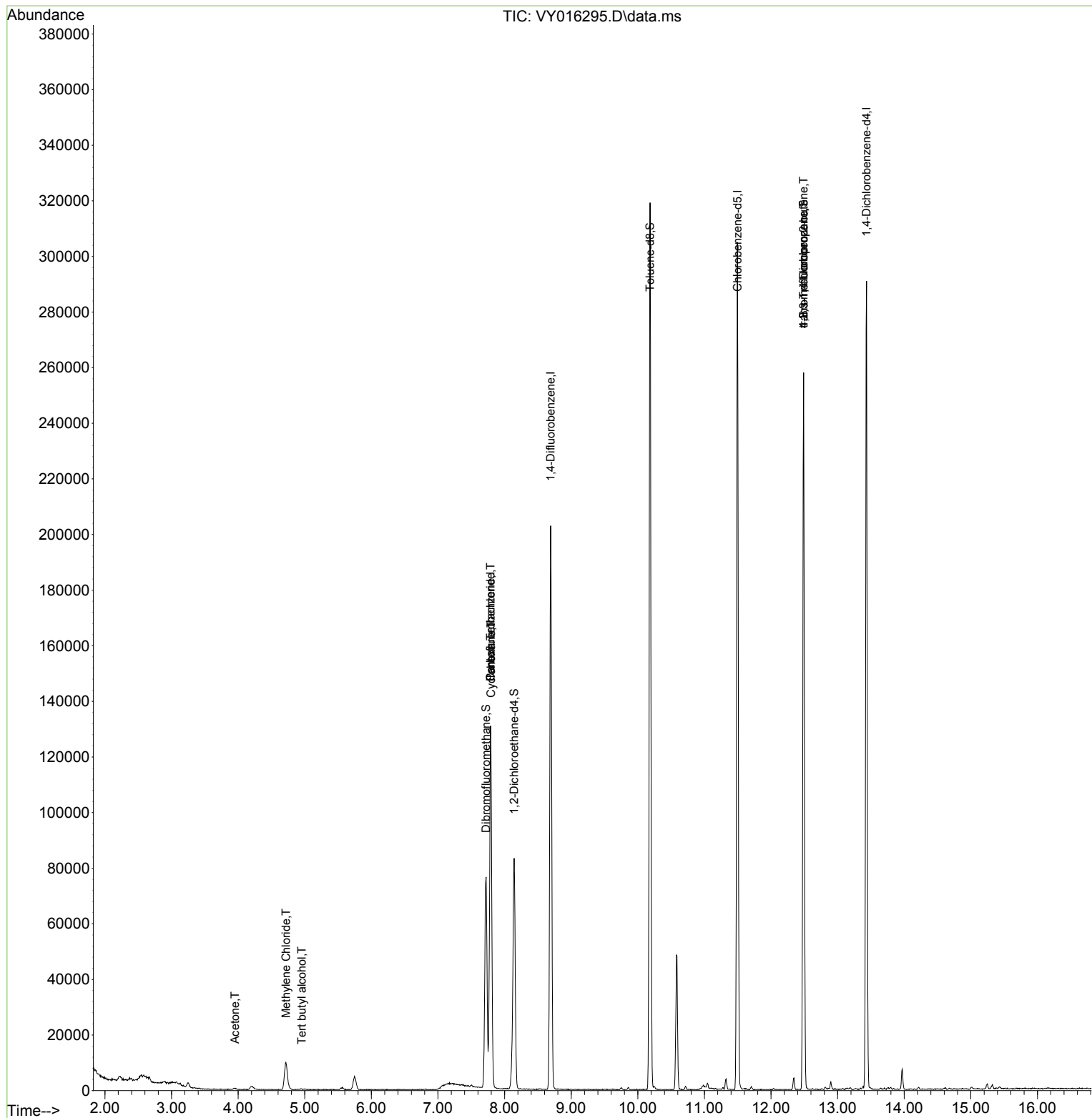
Internal Standards						
1) Pentafluorobenzene	7.789	168	102705	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	177436	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	168765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61484	65.500	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.000%	
35) Dibromofluoromethane	7.722	113	55136	54.701	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.400%	
50) Toluene-d8	10.185	98	209469	51.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.489	95	71870	54.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	547	7.442	ug/l #	89
16) Acetone	3.954	43	995	6.408	ug/l	95
20) Methylene Chloride	4.716	84	7552	3.659	ug/l #	84
31) Cyclohexane	7.795	56	2058	1.114	ug/l #	1
38) Carbon Tetrachloride	7.789	117	10210	5.621	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	37421	50.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37421	110.276	ug/l #	11

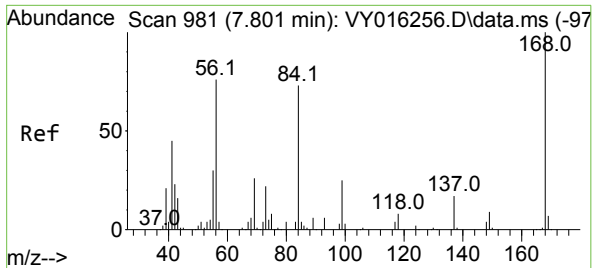
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
VY1110SBL01

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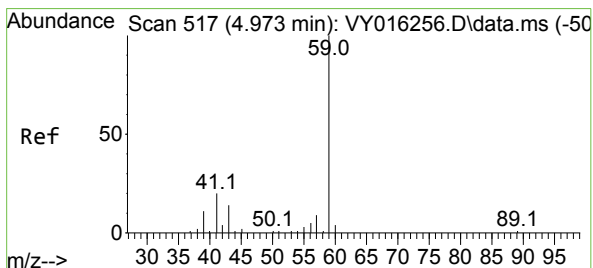
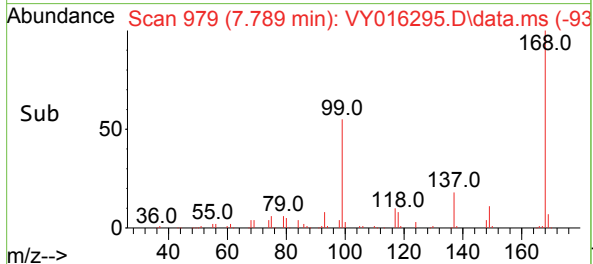
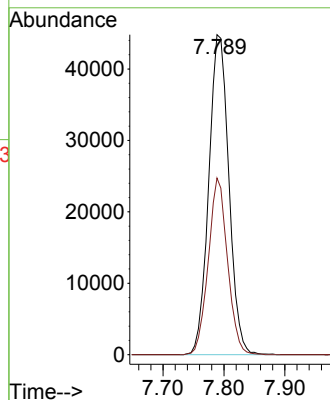
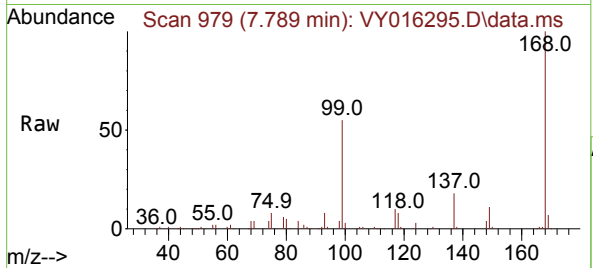




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

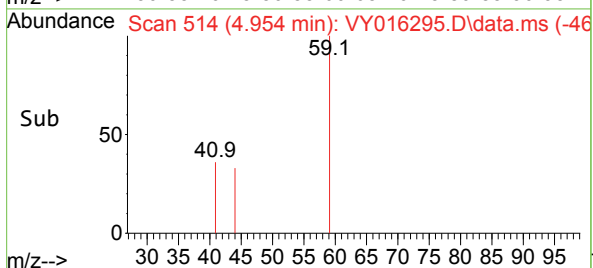
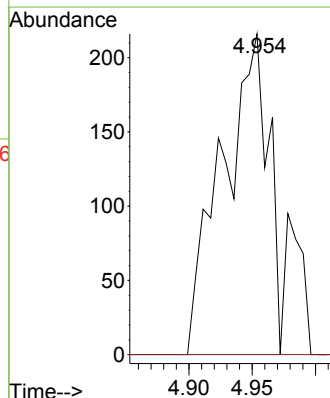
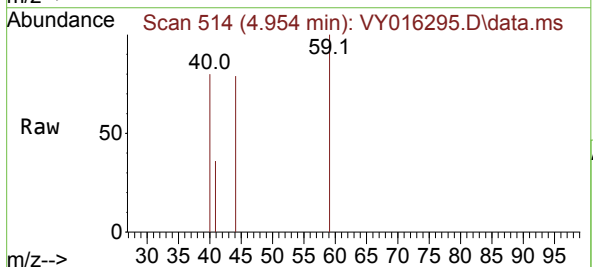
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

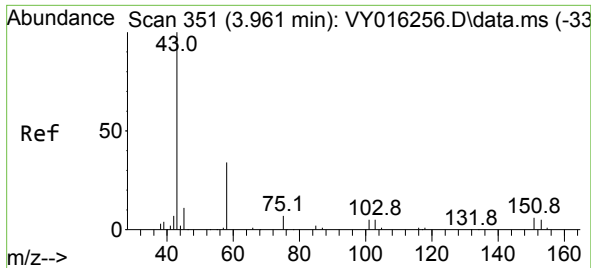
Tgt Ion:168 Resp: 102705
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.442 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Tgt Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 6.408 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.007 min

Lab File: VY016295.D

Acq: 10 Nov 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

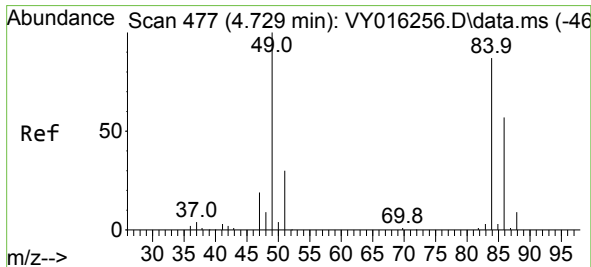
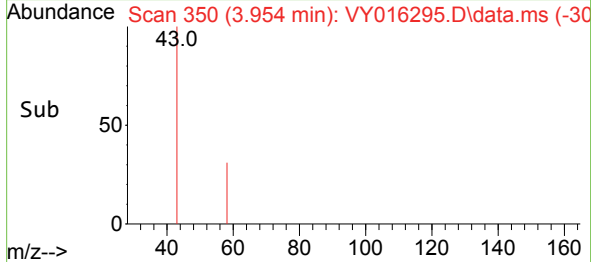
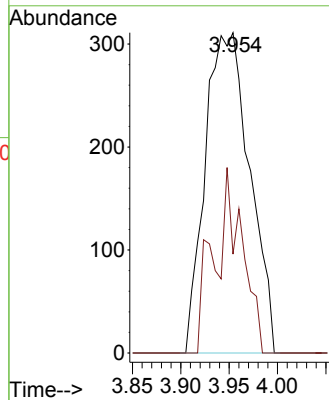
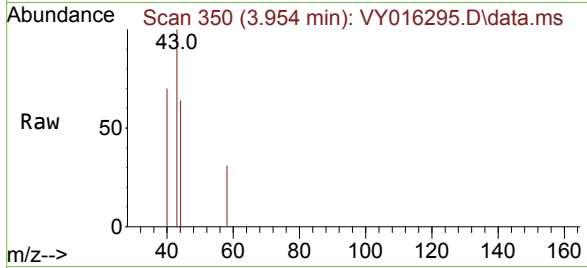
VY1110SBL01

Tgt Ion: 43 Resp: 995

Ion Ratio Lower Upper

43 100

58 30.9 22.7 34.1



#20

Methylene Chloride

Concen: 3.659 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.013 min

Lab File: VY016295.D

Acq: 10 Nov 2023 09:36

Tgt Ion: 84 Resp: 7552

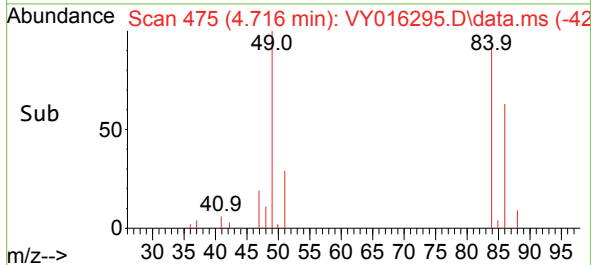
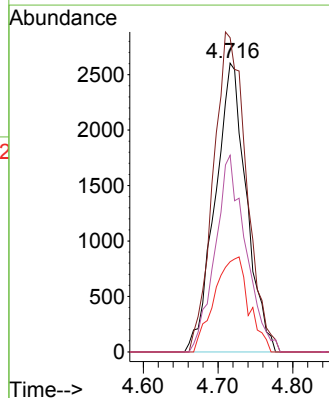
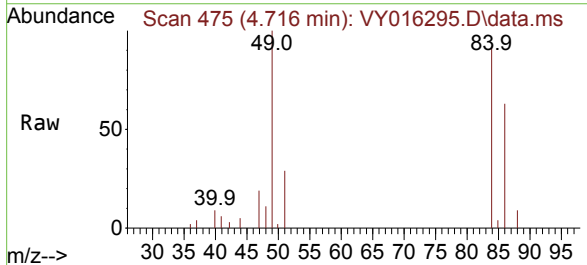
Ion Ratio Lower Upper

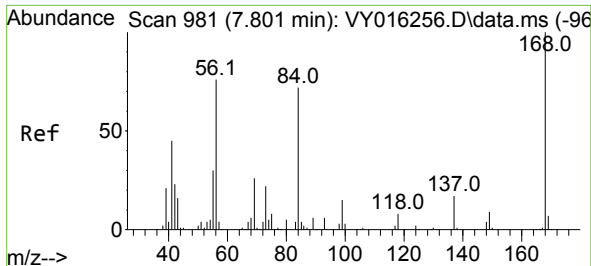
84 100

49 108.8 106.9 160.3

51 31.2 33.2 49.8#

86 68.0 51.0 76.6

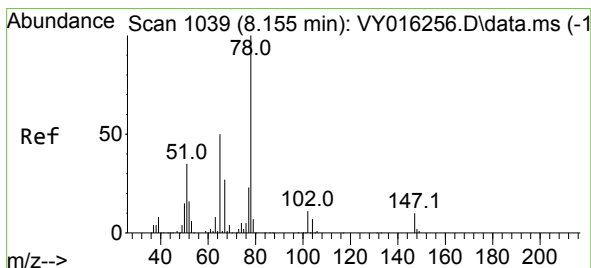
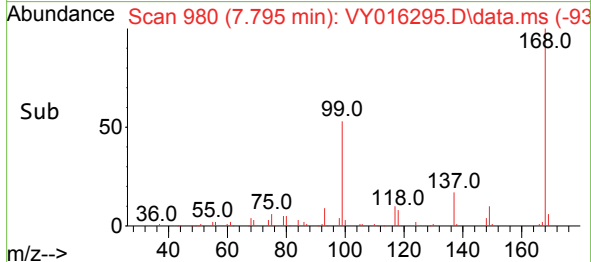
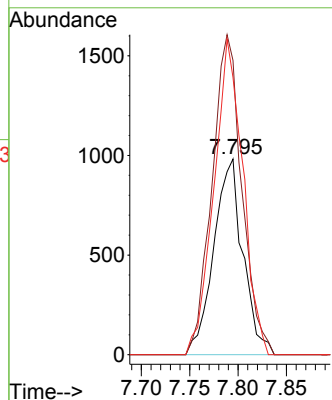
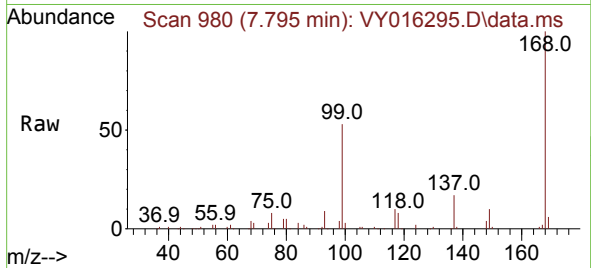




#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.007 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

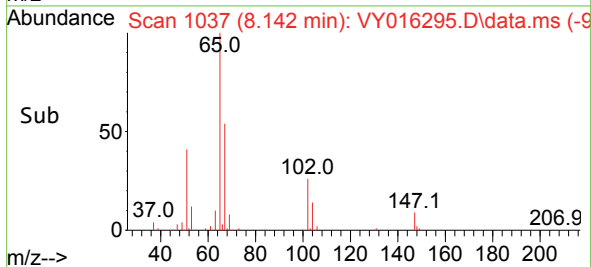
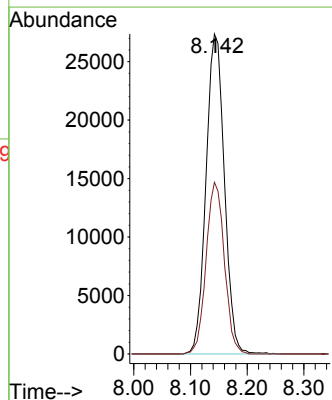
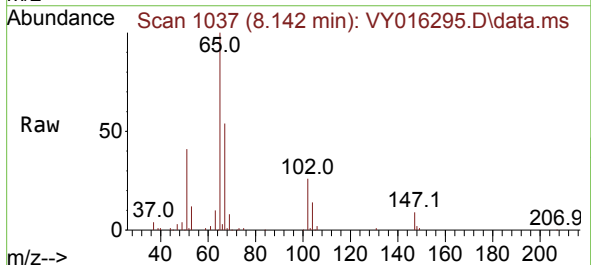
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

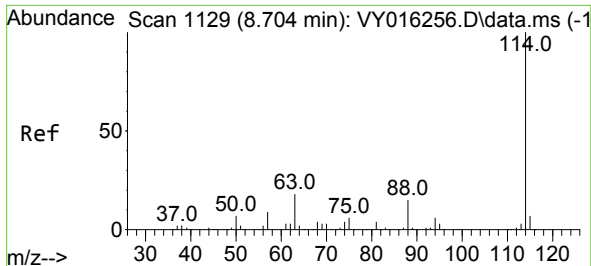
Tgt Ion: 56 Resp: 2058
Ion Ratio Lower Upper
56 100
69 150.4 27.8 41.6#
84 141.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 65.500 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.013 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Tgt Ion: 65 Resp: 61484
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY016295.D

Acq: 10 Nov 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBL01

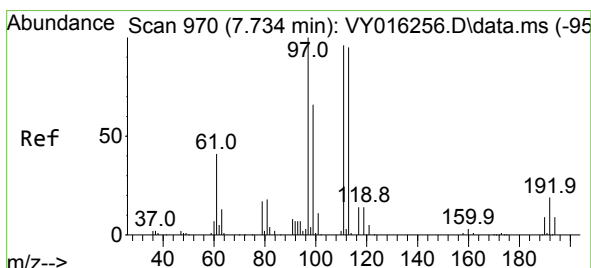
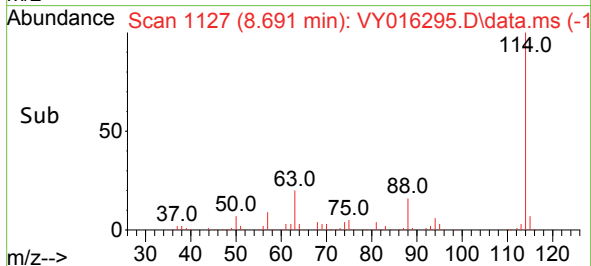
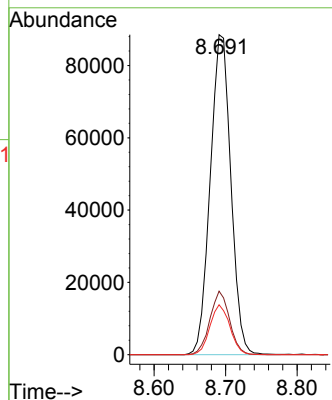
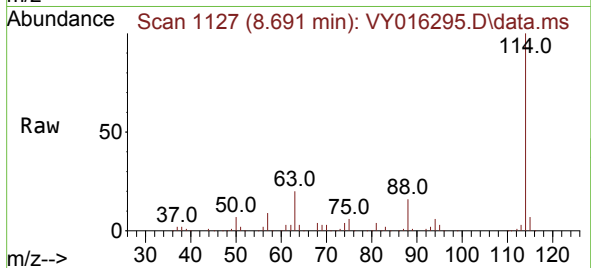
Tgt Ion:114 Resp: 177436

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.701 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.013 min

Lab File: VY016295.D

Acq: 10 Nov 2023 09:36

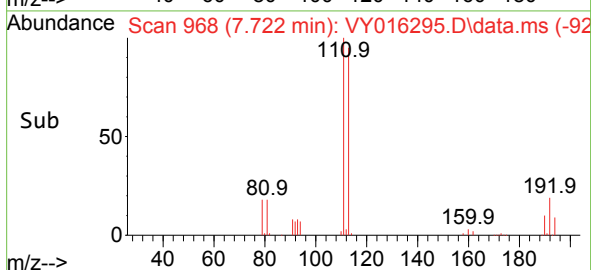
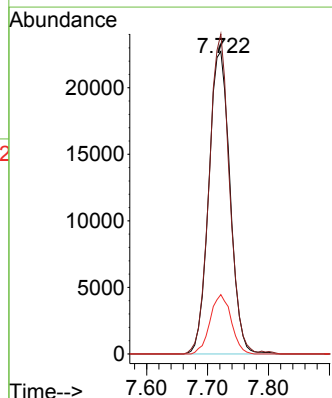
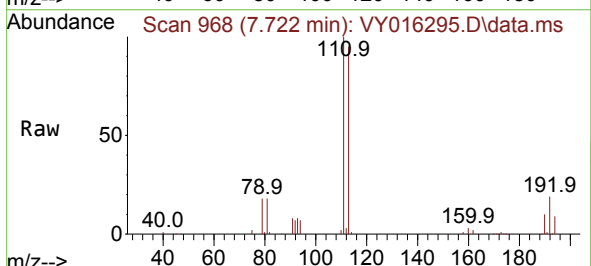
Tgt Ion:113 Resp: 55136

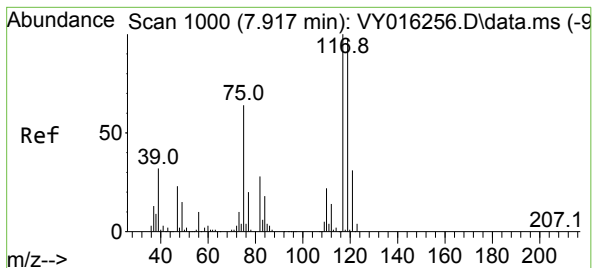
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.5 16.9 25.3





#38

Carbon Tetrachloride

Concen: 5.621 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY016295.D

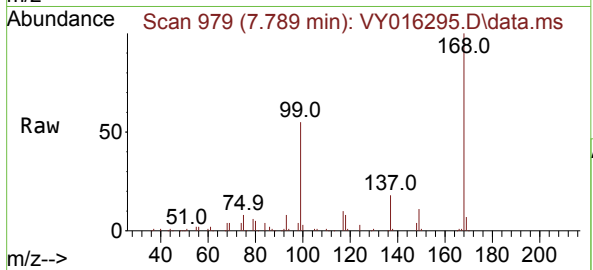
Acq: 10 Nov 2023 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBL01



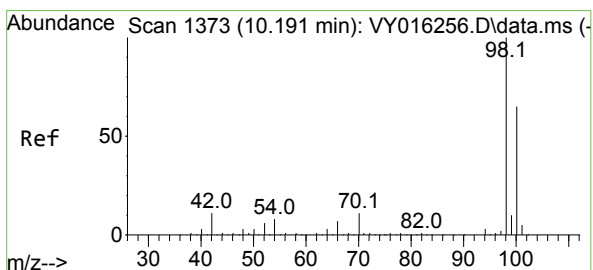
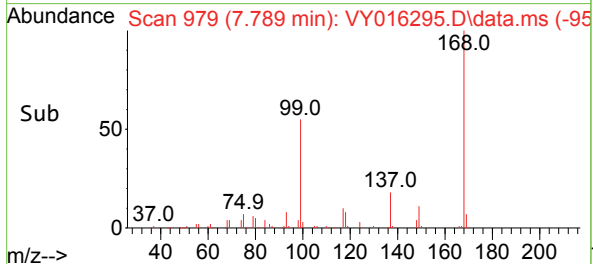
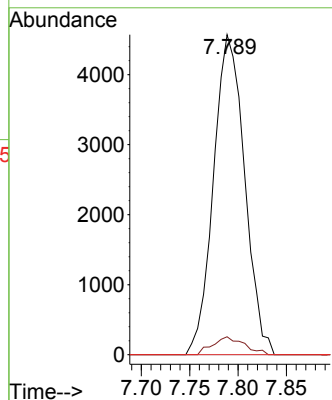
Tgt Ion:117 Resp: 10210

Ion Ratio Lower Upper

117 100

119 5.6 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 51.247 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.007 min

Lab File: VY016295.D

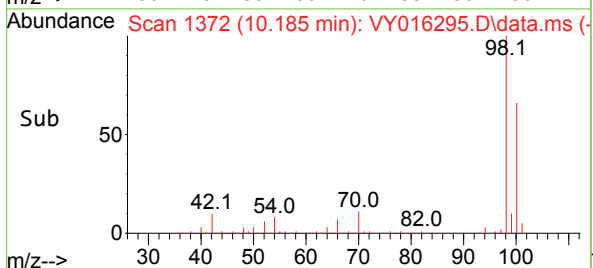
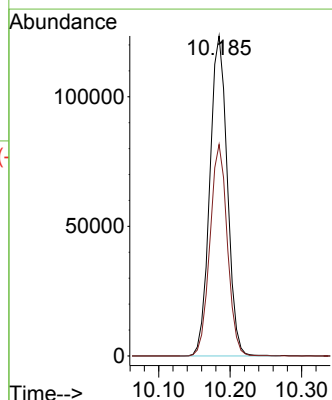
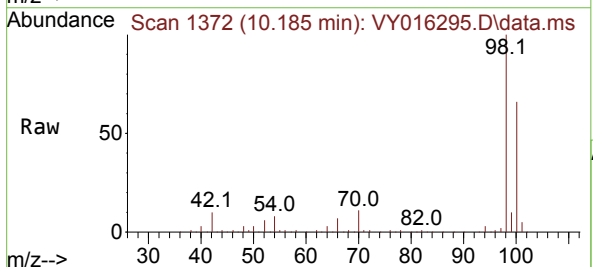
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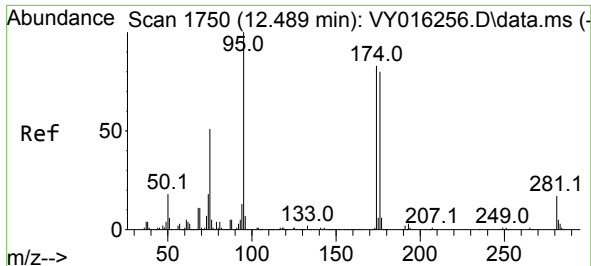
Tgt Ion: 98 Resp: 209469

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

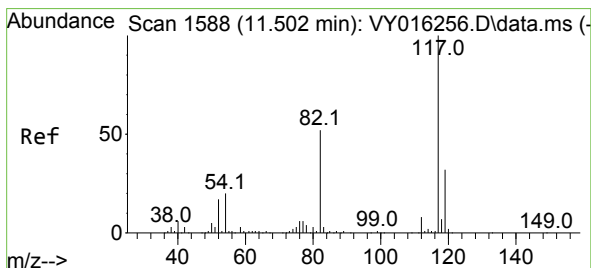
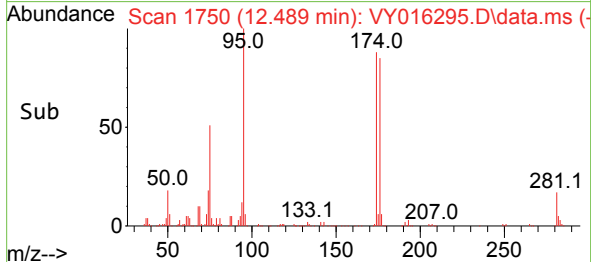
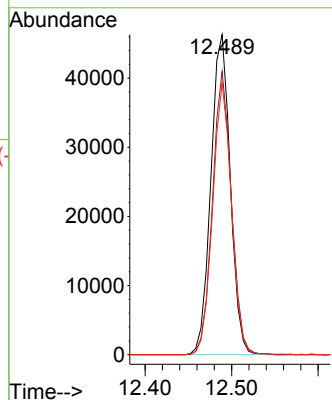
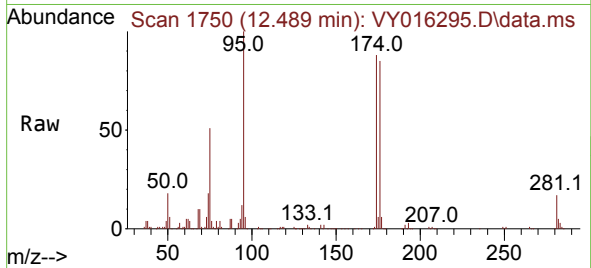




#62
4-Bromofluorobenzene
Concen: 54.138 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

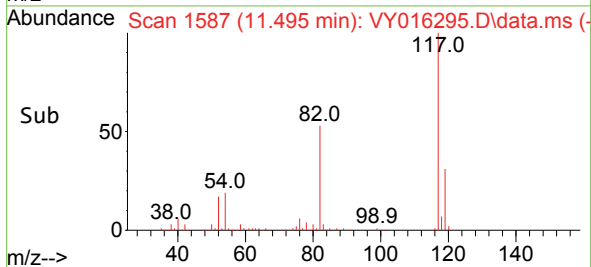
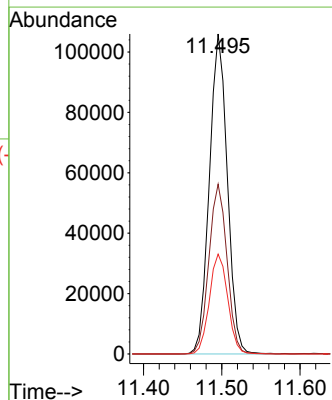
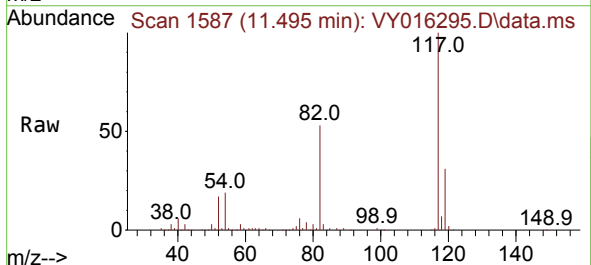
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VY1110SBL01

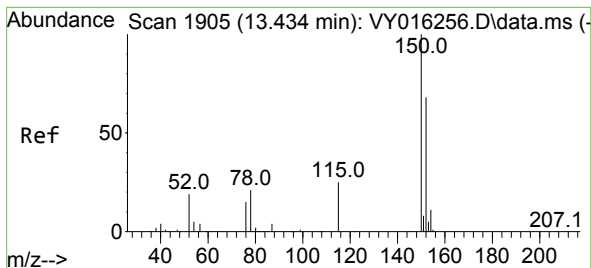
Tgt Ion: 95 Resp: 71870
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.007 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Tgt Ion: 117 Resp: 168765
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.2 26.3 39.5

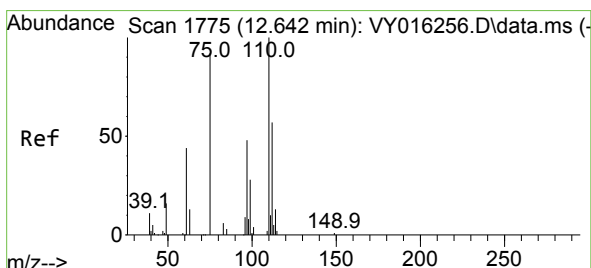
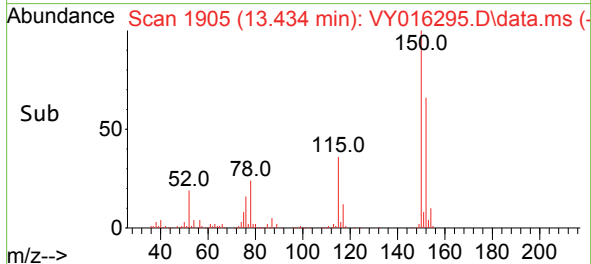
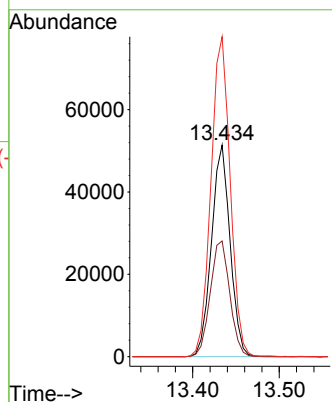
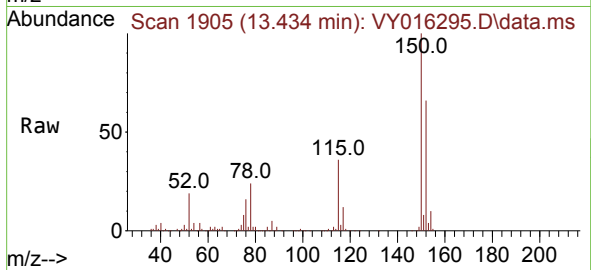




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

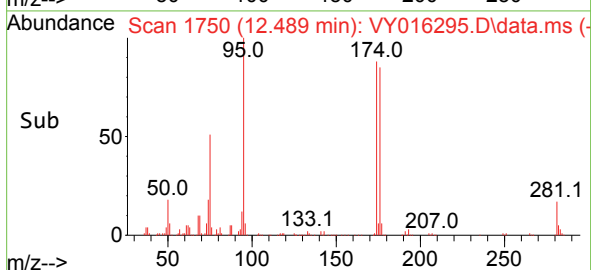
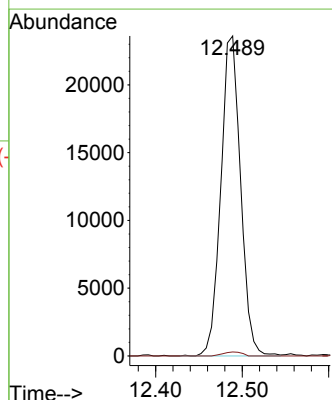
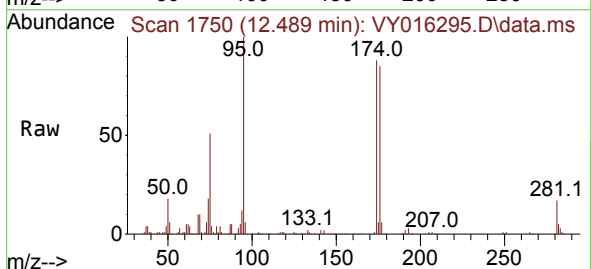
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBL01

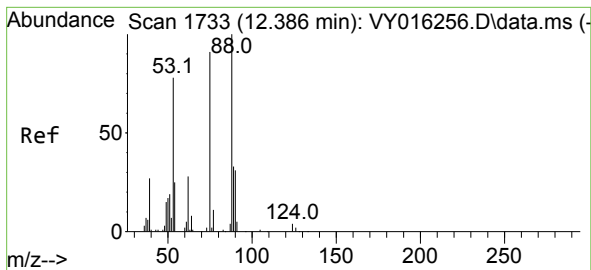
Tgt Ion:152 Resp: 76782
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 156.2 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 50.805 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016295.D
Acq: 10 Nov 2023 09:36

Tgt Ion: 75 Resp: 37421
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.276 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016295.D
 Acq: 10 Nov 2023 09:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBL01

Tgt Ion: 75 Resp: 37421
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.3 37.4 56.0#

