

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016387.D
 Acq On : 16 Nov 2023 14:30
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:06:39 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)

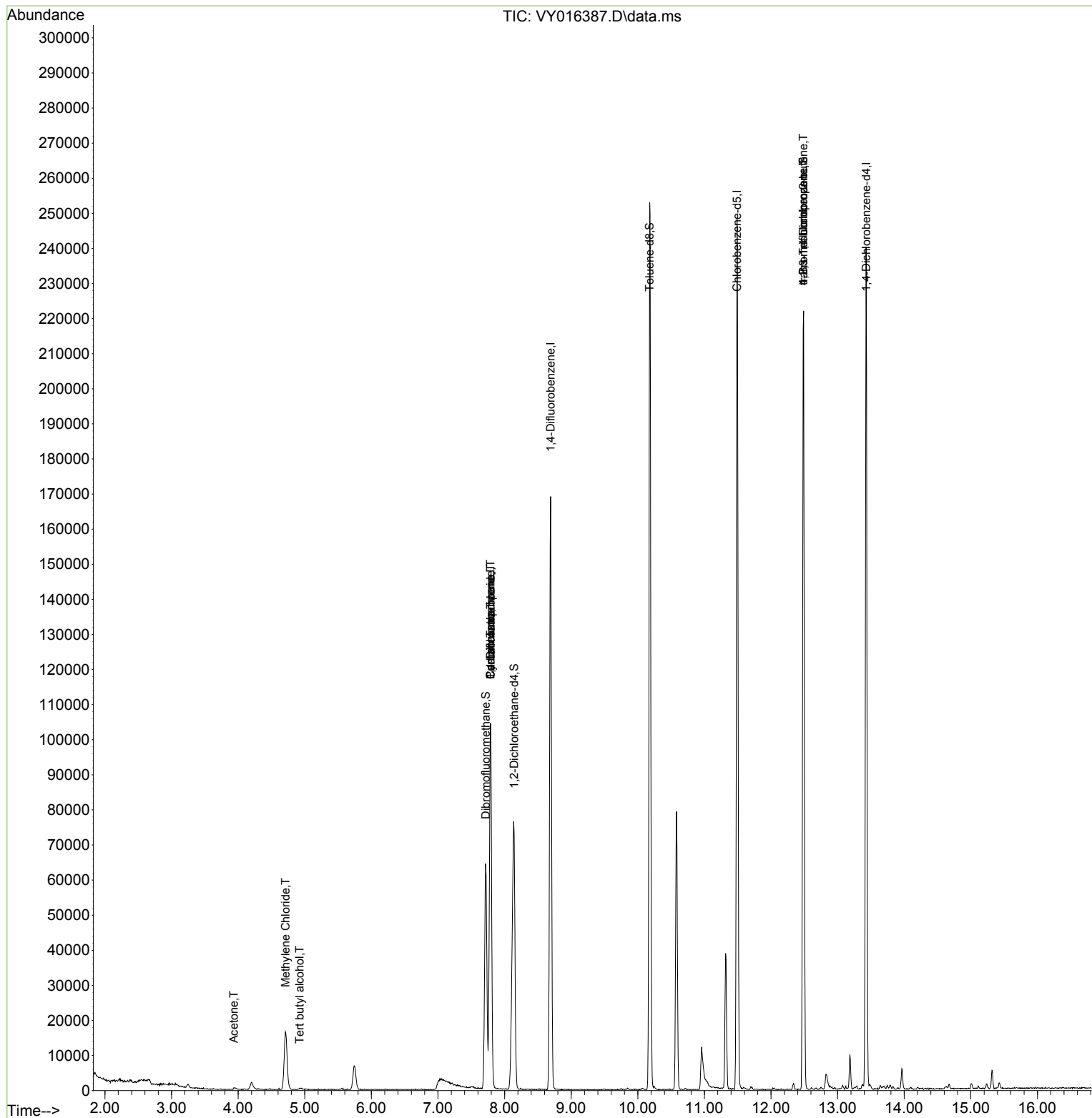
Internal Standards						
1) Pentafluorobenzene	7.789	168	84776	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	148398	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	142168	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	62421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50466	65.133	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.260%	
35) Dibromofluoromethane	7.716	113	45267	53.698	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.400%	
50) Toluene-d8	10.179	98	172617	50.495	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.483	95	58110	52.338	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	839	13.828	ug/l #	89
16) Acetone	3.936	43	823	6.421	ug/l	99
20) Methylene Chloride	4.710	84	13094	11.803	ug/l #	84
31) Cyclohexane	7.789	56	1757	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6403	4.374	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8377	5.514	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	29949	50.015	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29949	108.562	ug/l #	11

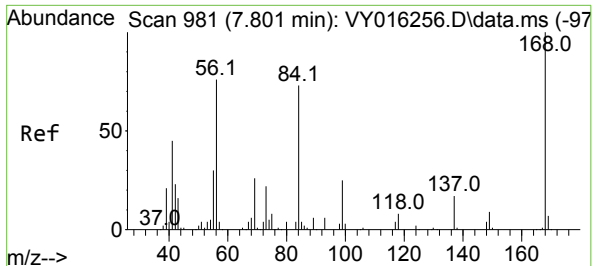
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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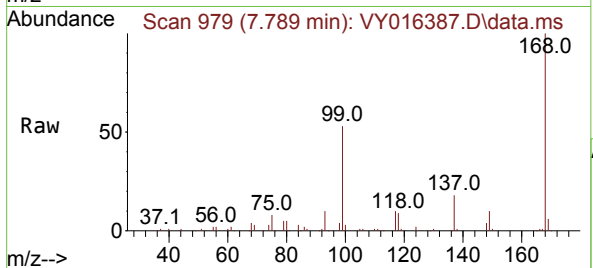
Quant Time: Nov 17 04:06:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
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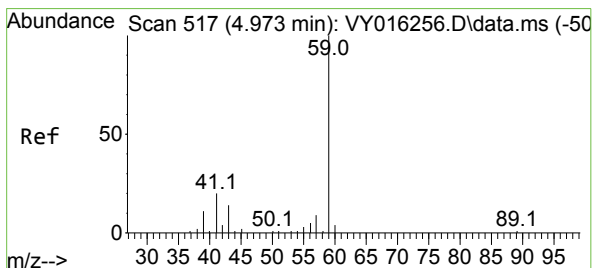
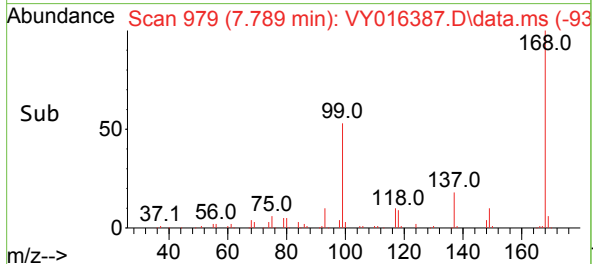
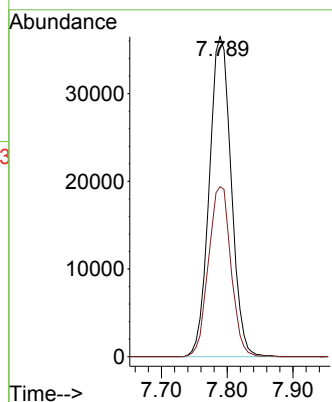


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

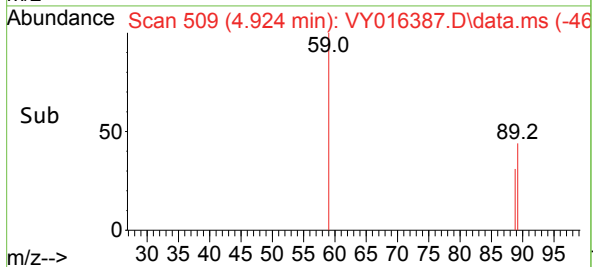
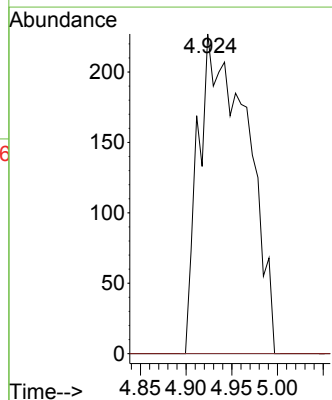
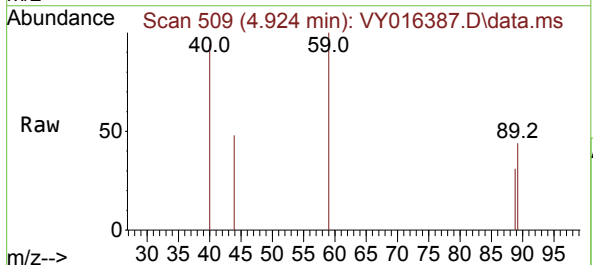


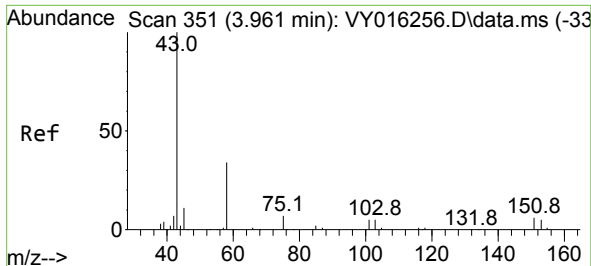
Tgt Ion:168 Resp: 84776
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 13.828 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.049 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

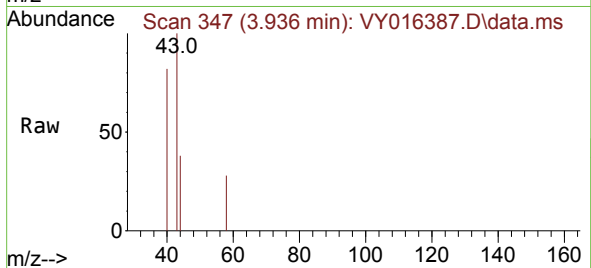
Tgt Ion: 59 Resp: 839
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



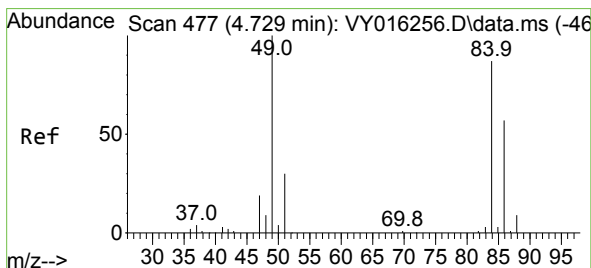
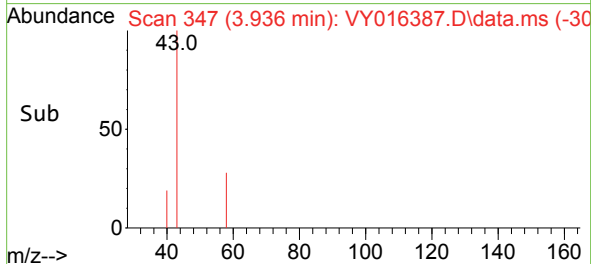
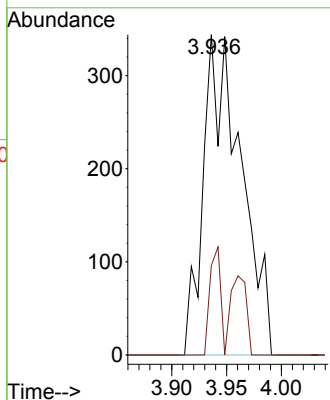


#16
Acetone
Concen: 6.421 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.024 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

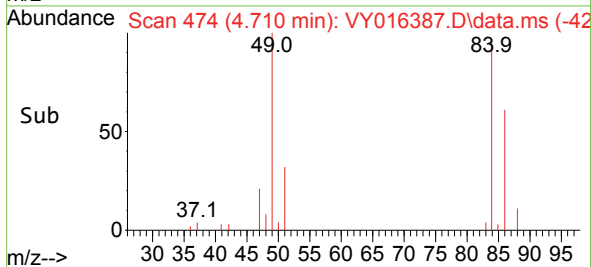
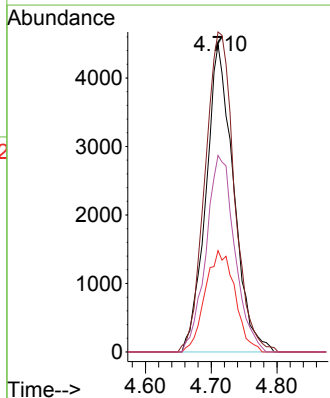
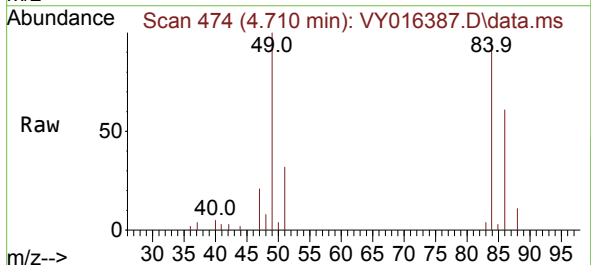


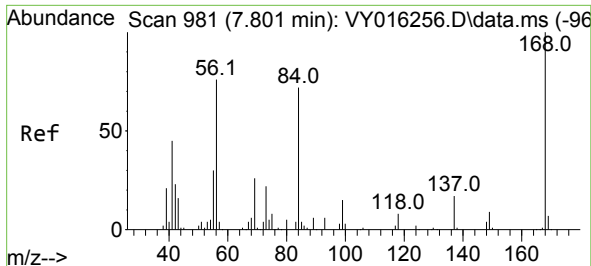
Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1



#20
Methylene Chloride
Concen: 11.803 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

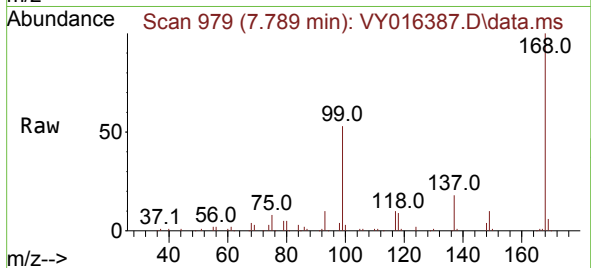
Tgt Ion: 84 Resp: 13094
Ion Ratio Lower Upper
84 100
49 104.2 106.9 160.3#
51 33.0 33.2 49.8#
86 63.9 51.0 76.6



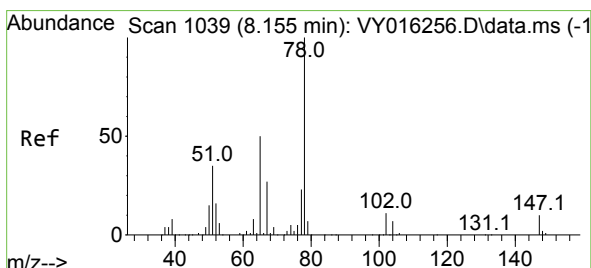
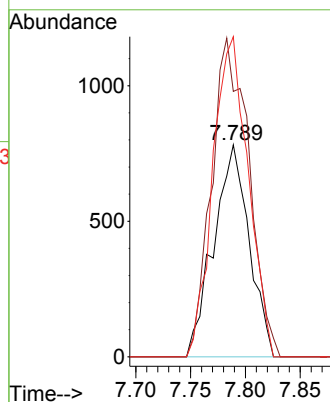
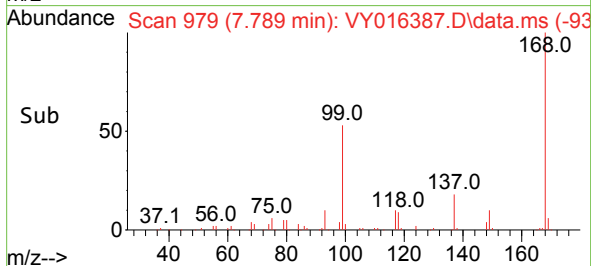


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

Instrument :
MSVOA_Y
ClientSampleId :

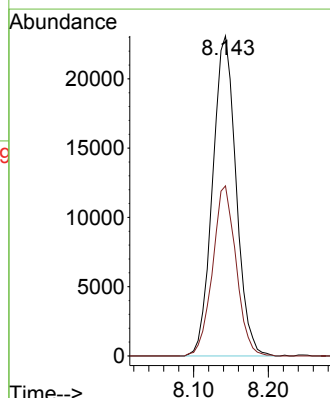
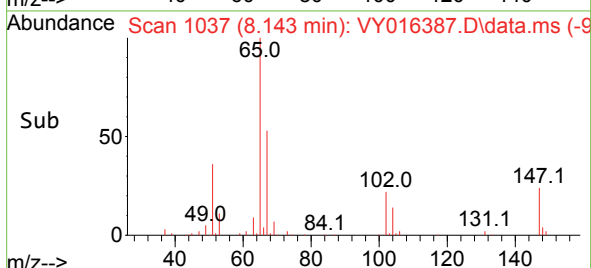
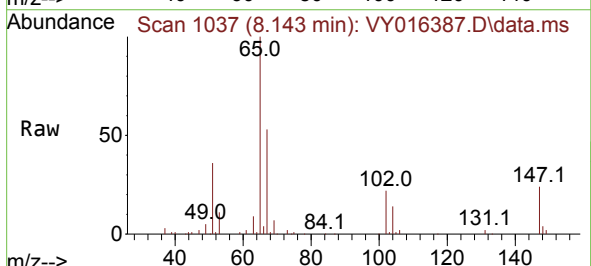


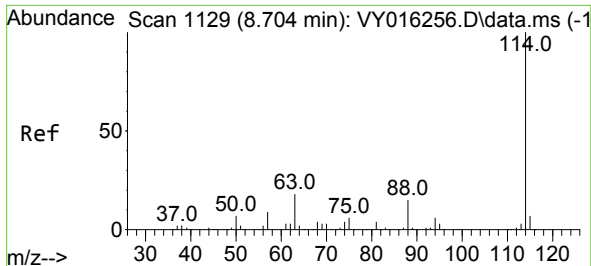
Tgt Ion: 56 Resp: 1757
Ion Ratio Lower Upper
56 100
69 125.2 27.8 41.6#
84 162.5 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 65.133 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

Tgt Ion: 65 Resp: 50466
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

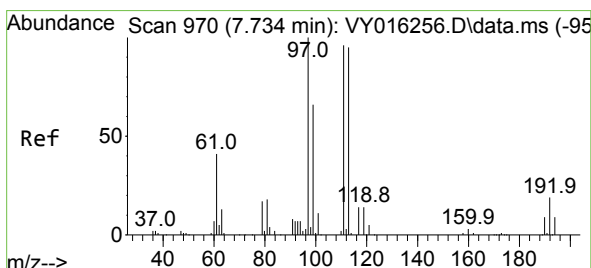
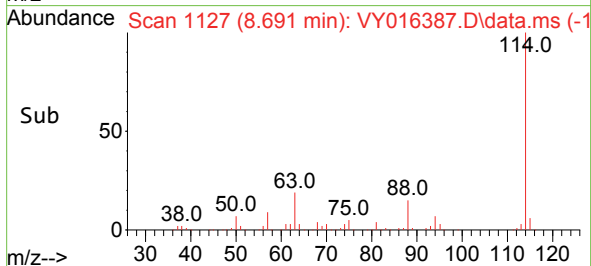
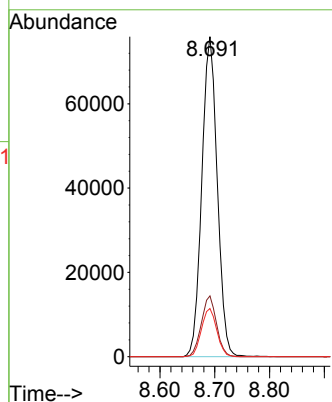
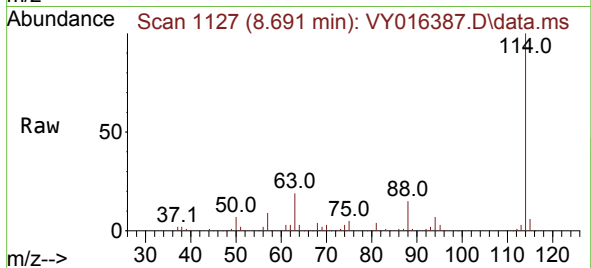
Tgt Ion:114 Resp: 148398

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.698 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.018 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

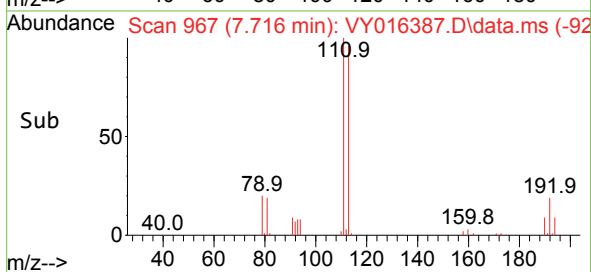
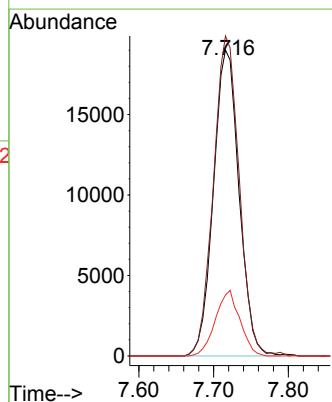
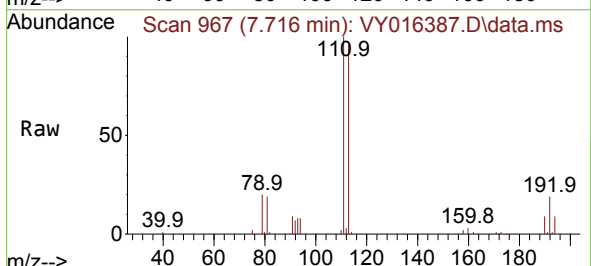
Tgt Ion:113 Resp: 45267

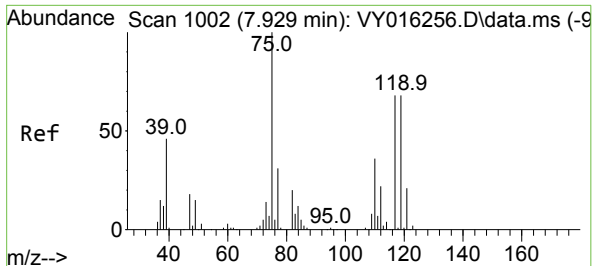
Ion Ratio Lower Upper

113 100

111 105.4 81.3 121.9

192 20.5 16.9 25.3

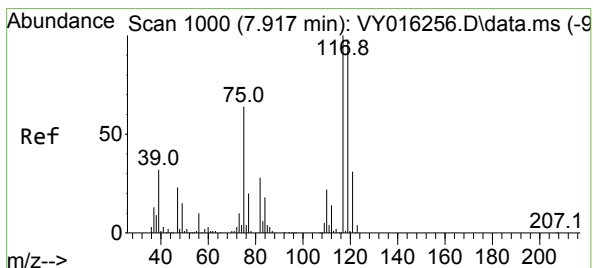
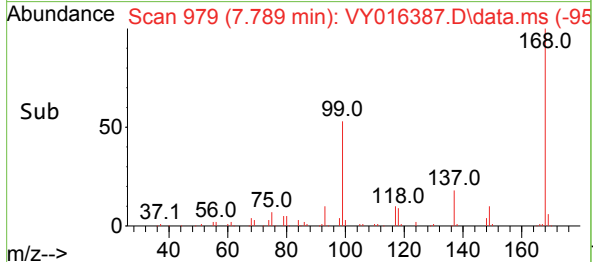
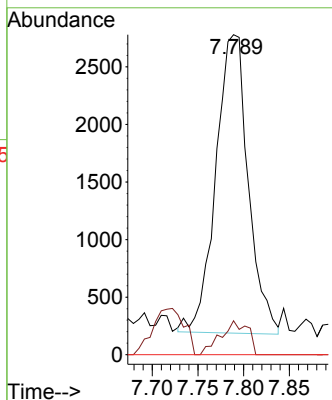
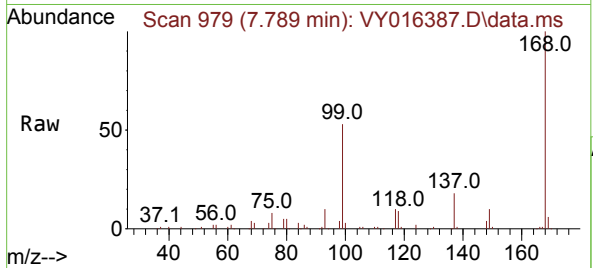




#36
 1,1-Dichloropropene
 Concen: 4.374 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY016387.D
 Acq: 16 Nov 2023 14:30

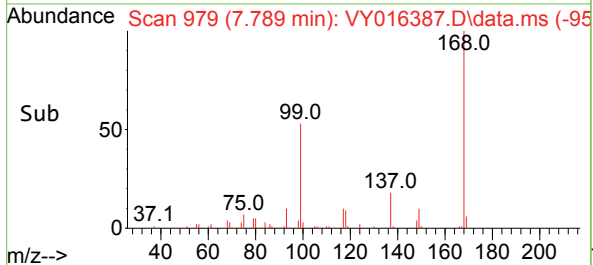
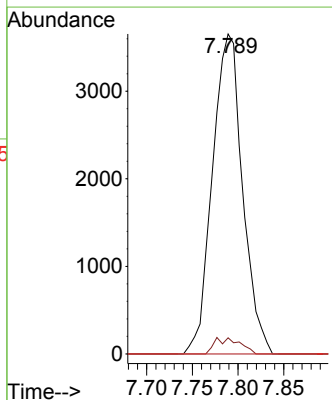
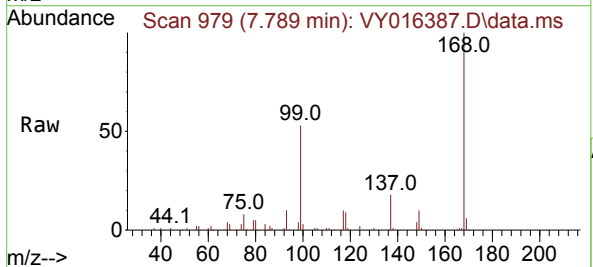
Instrument :
 MSVOA_Y
 ClientSampleId :

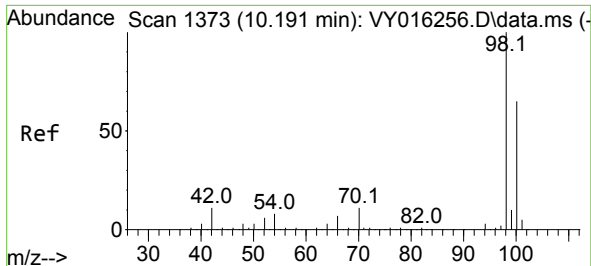
Tgt Ion: 75 Resp: 6403
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.514 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY016387.D
 Acq: 16 Nov 2023 14:30

Tgt Ion: 117 Resp: 8377
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.4 114.6#
 121 0.0 25.8 38.6#

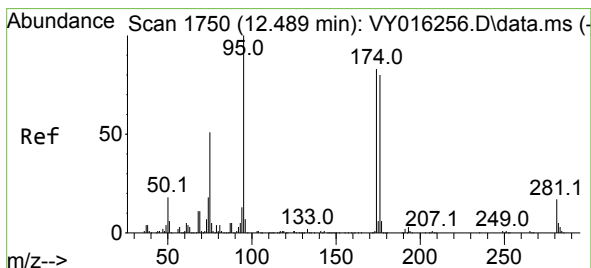
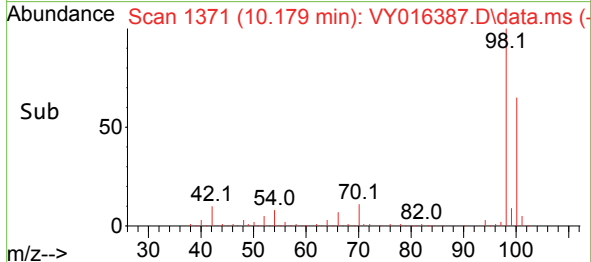
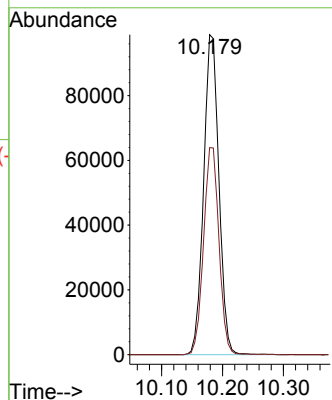
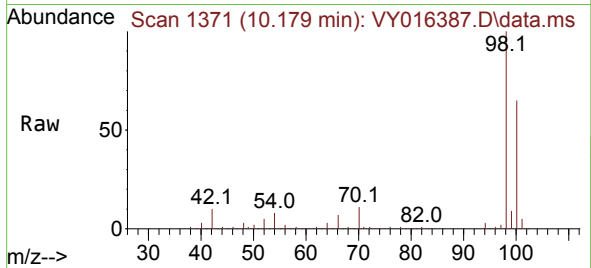




#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

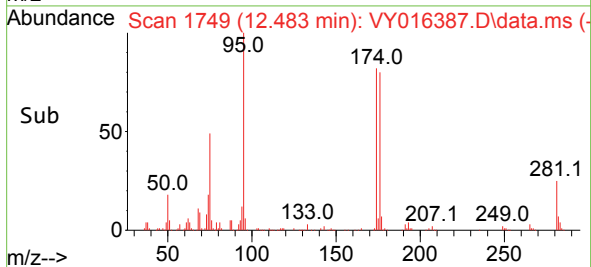
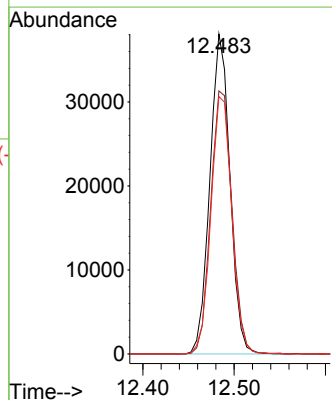
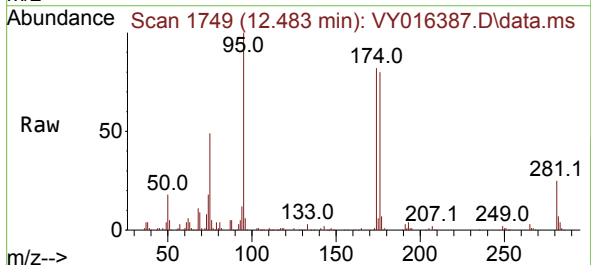
Instrument :
MSVOA_Y
ClientSampleId :

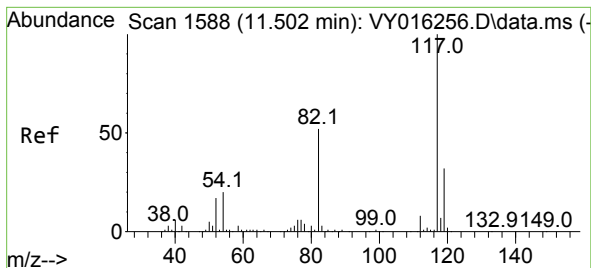
Tgt Ion: 98 Resp: 172617
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.338 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016387.D
Acq: 16 Nov 2023 14:30

Tgt Ion: 95 Resp: 58110
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016387.D

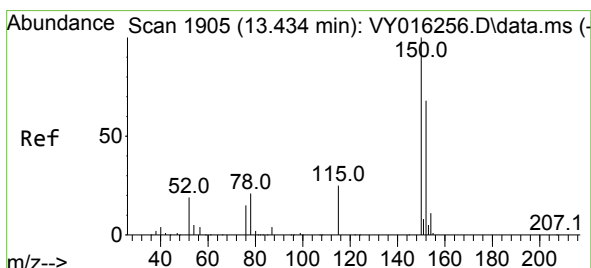
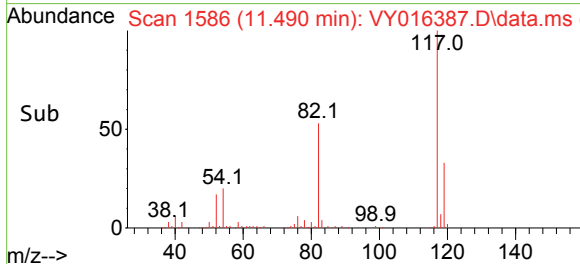
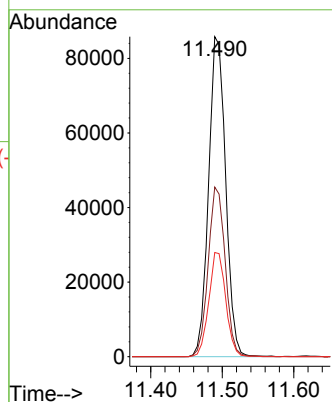
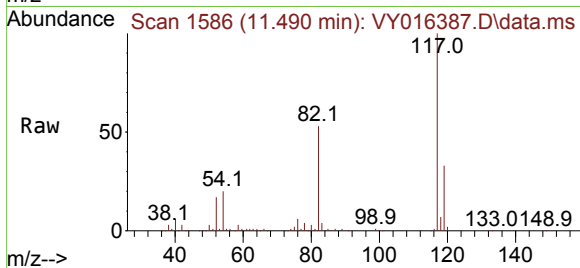
Acq: 16 Nov 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp: 142168
Ion Ratio	Lower Upper
117 100	
82 53.0	43.4 65.0
119 32.5	26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

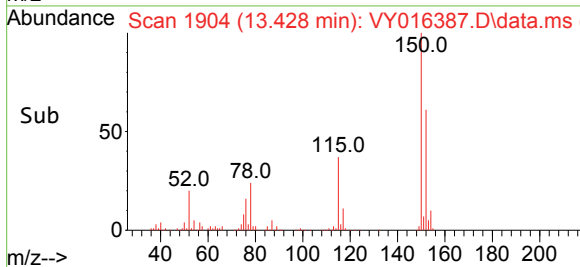
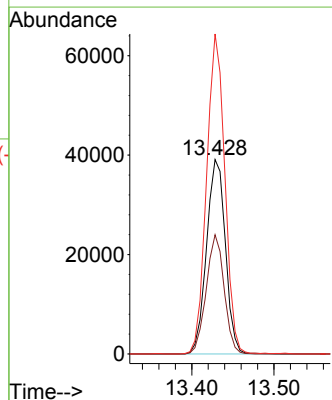
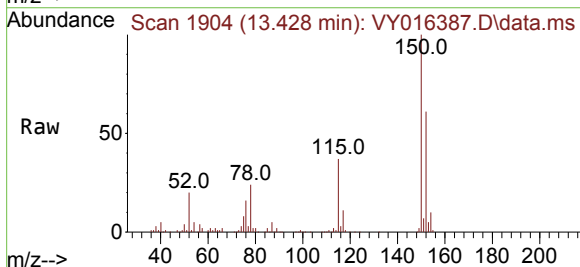
RT: 13.428 min Scan# 1904

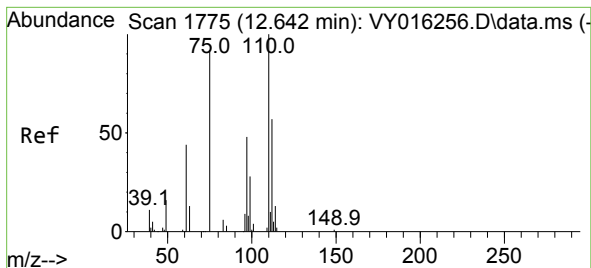
Delta R.T. -0.006 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

Tgt Ion:152	Resp: 62421
Ion Ratio	Lower Upper
152 100	
115 58.2	28.8 86.5
150 159.2	0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 50.015 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.159 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

Instrument :

MSVOA_Y

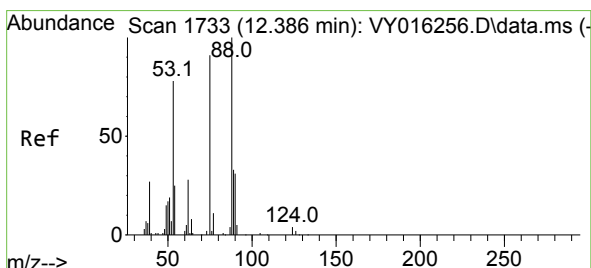
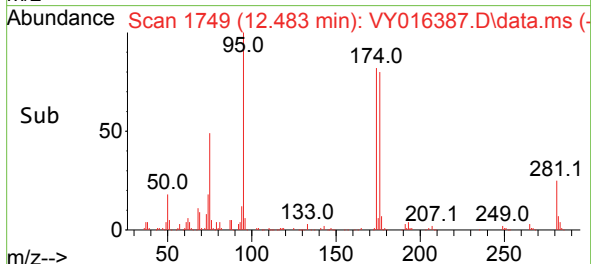
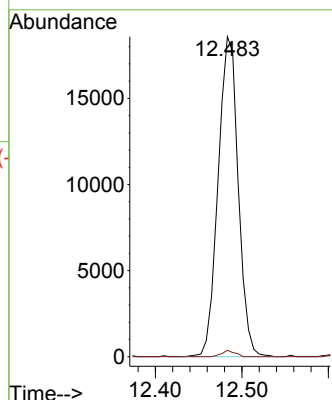
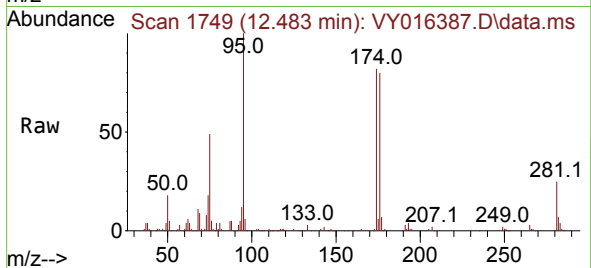
ClientSampleId :

Tgt Ion: 75 Resp: 29949

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.562 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.097 min

Lab File: VY016387.D

Acq: 16 Nov 2023 14:30

Tgt Ion: 75 Resp: 29949

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.6 37.4 56.0#

