

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016248.D
 Acq On : 07 Nov 2023 12:45
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 23:44:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

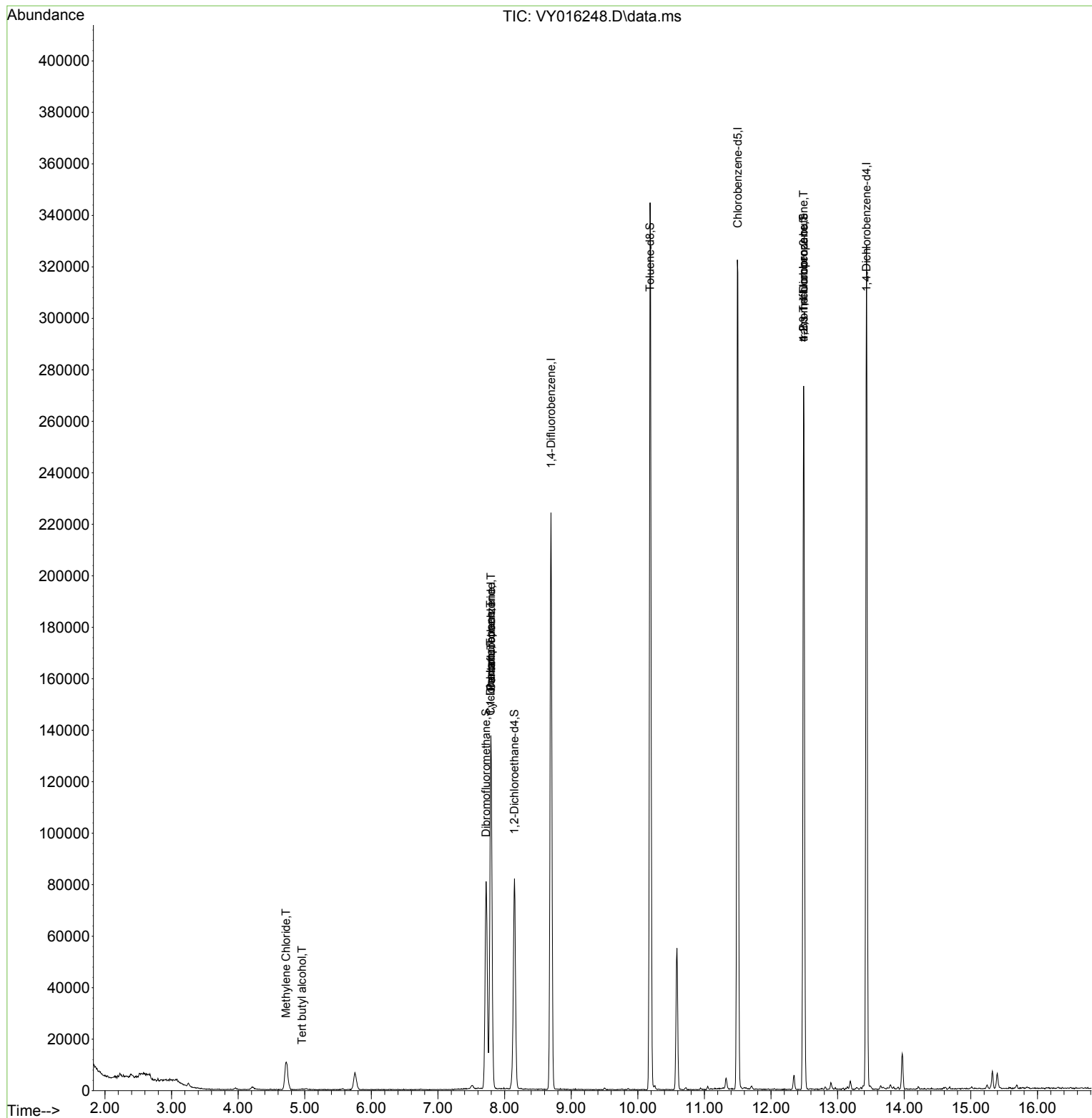
Internal Standards						
1) Pentafluorobenzene	7.795	168	108747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	183413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61138	60.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.160%	
35) Dibromofluoromethane	7.722	113	57186	50.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.200%	
50) Toluene-d8	10.185	98	225812	49.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.489	95	77779	50.260	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	475	6.248	ug/l #	89
16) Acetone	3.960	43	1014	Below Cal	#	77
20) Methylene Chloride	4.716	84	8735	5.744	ug/l #	88
31) Cyclohexane	7.789	56	2188	1.399	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9025	5.476	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10732	6.572	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	40478	51.282	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	40478	111.191	ug/l #	11

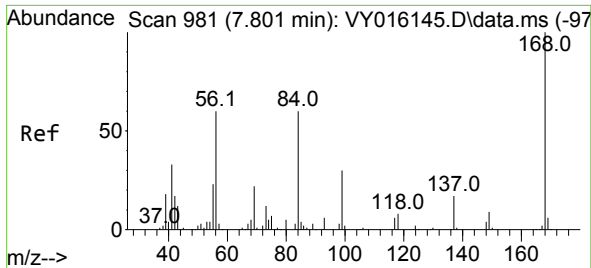
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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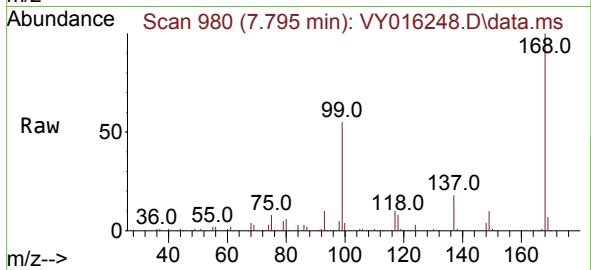
Quant Time: Nov 07 23:44:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



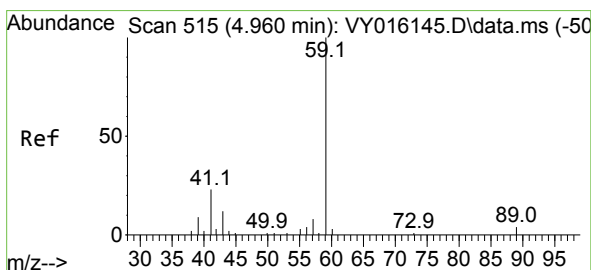
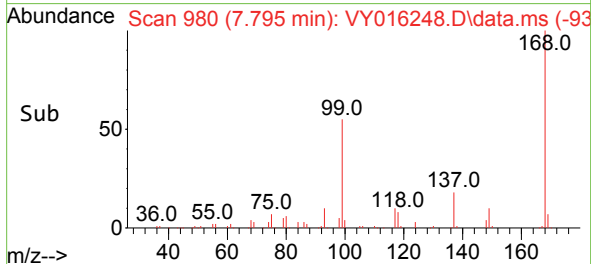
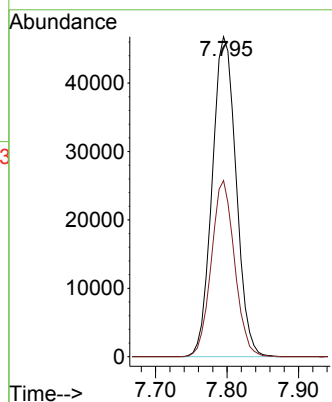


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Instrument :
MSVOA_Y
ClientSampleId :

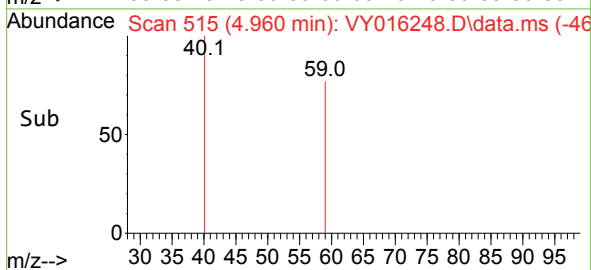
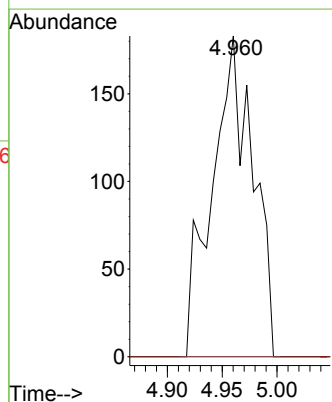
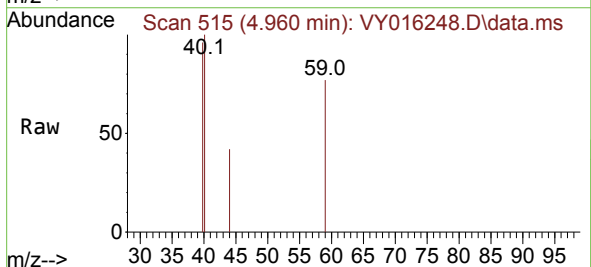


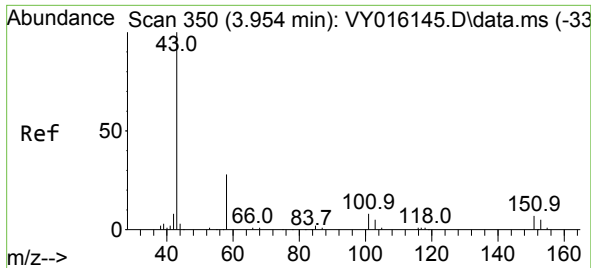
Tgt Ion:168 Resp: 108747
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.248 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Tgt Ion: 59 Resp: 475
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: Below Cal

RT: 3.960 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016248.D

Acq: 07 Nov 2023 12:45

Instrument :

MSVOA_Y

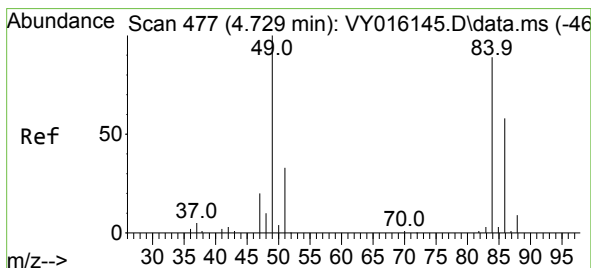
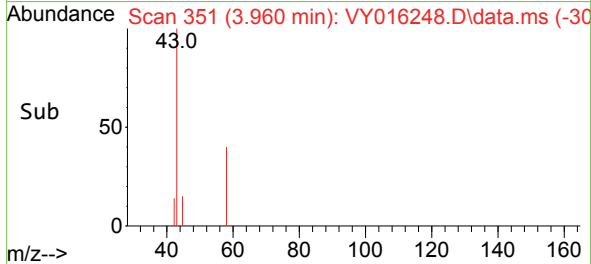
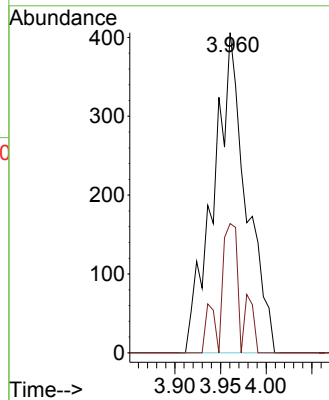
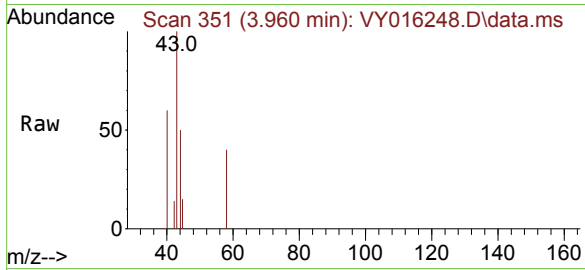
ClientSampleId :

Tgt Ion: 43 Resp: 1014

Ion Ratio Lower Upper

43 100

58 40.4 22.7 34.1#



#20

Methylene Chloride

Concen: 5.744 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.013 min

Lab File: VY016248.D

Acq: 07 Nov 2023 12:45

Tgt Ion: 84 Resp: 8735

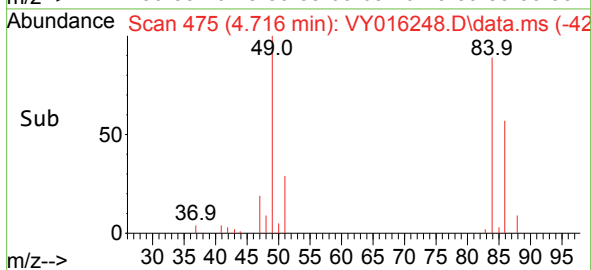
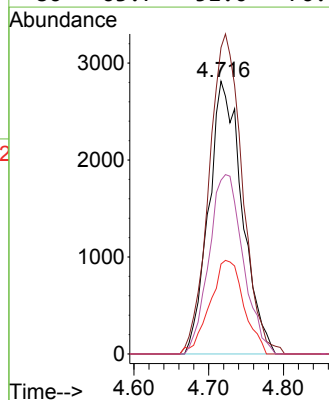
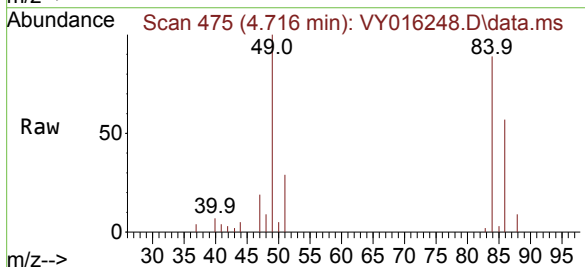
Ion Ratio Lower Upper

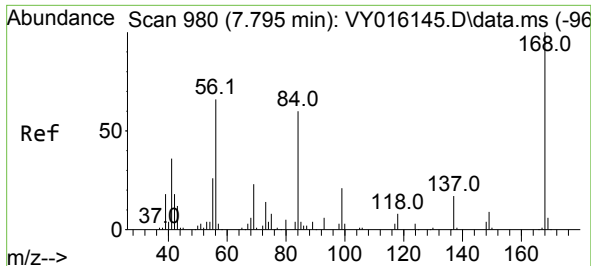
84 100

49 112.4 106.9 160.3

51 33.0 33.2 49.8#

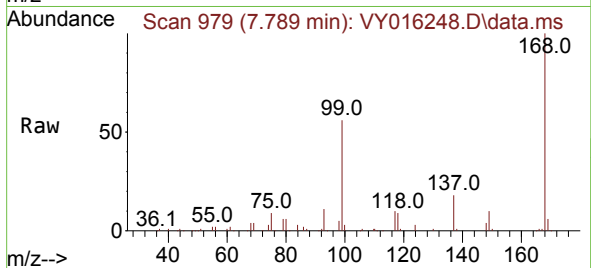
86 63.7 51.0 76.6



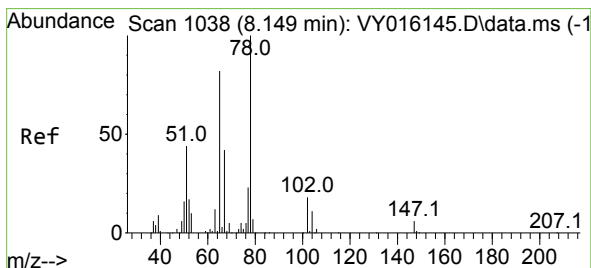
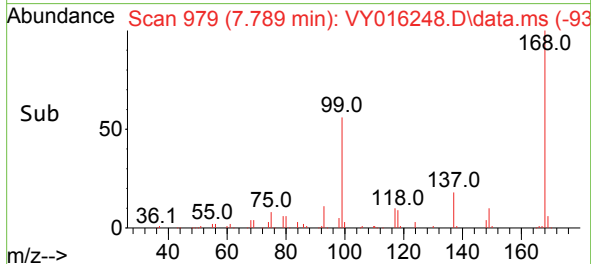
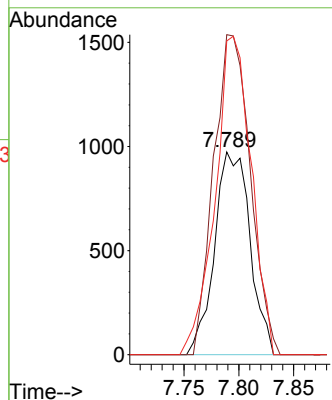


#31
Cyclohexane
Concen: 1.399 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Instrument :
MSVOA_Y
ClientSampleId :

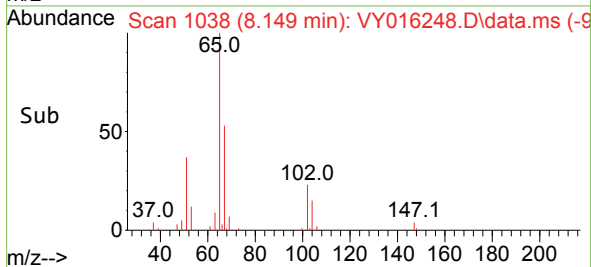
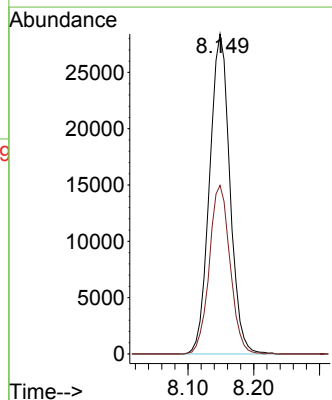
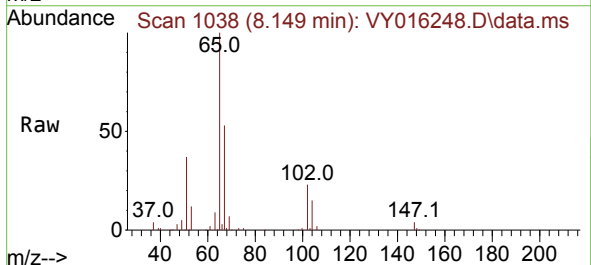


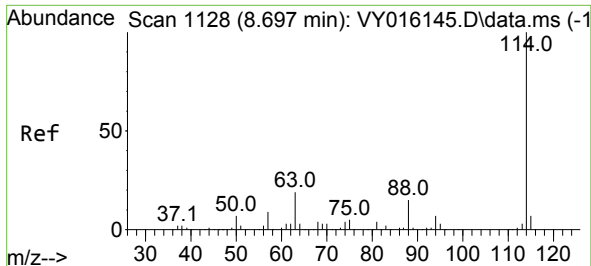
Tgt Ion: 56 Resp: 2188
Ion Ratio Lower Upper
56 100
69 157.8 27.8 41.6#
84 154.7 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.082 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Tgt Ion: 65 Resp: 61138
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8

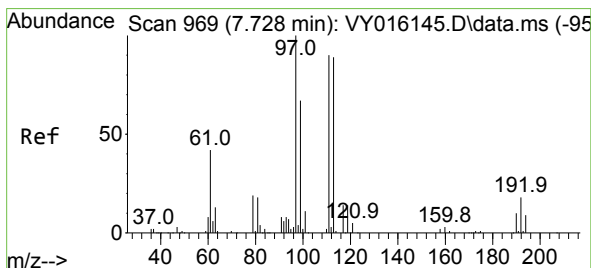
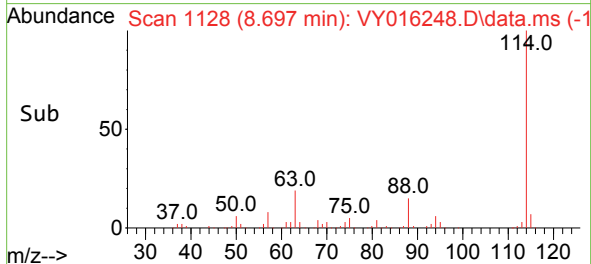
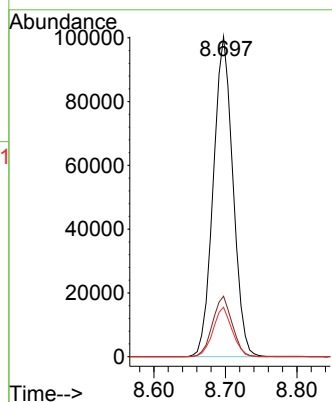
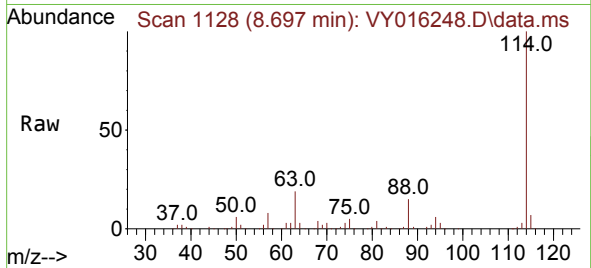




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

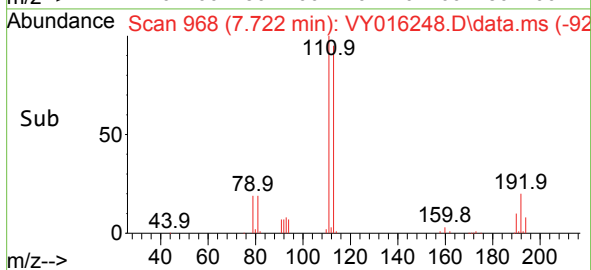
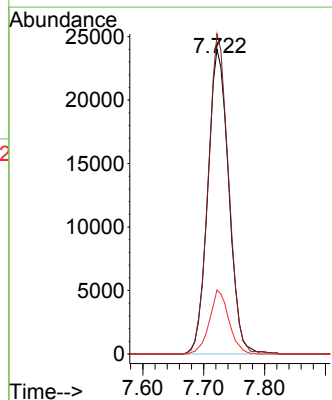
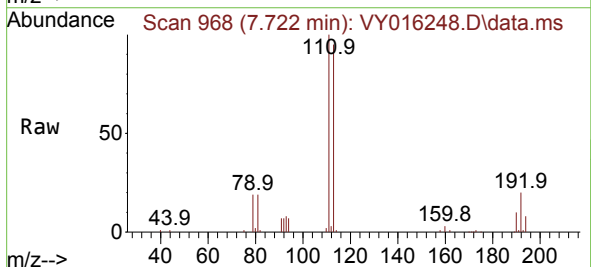
Instrument :
MSVOA_Y
ClientSampleId :

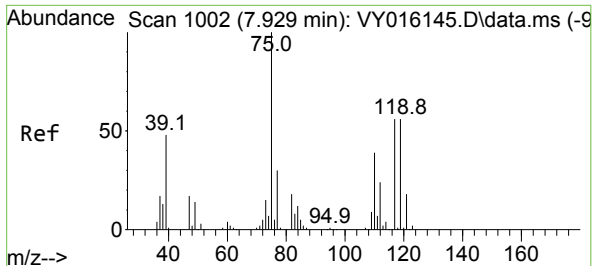
Tgt Ion:114 Resp: 191464
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.099 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

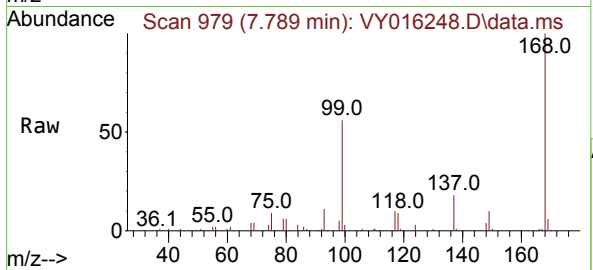
Tgt Ion:113 Resp: 57186
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.6 16.9 25.3



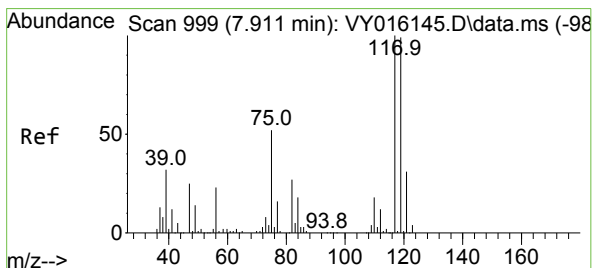
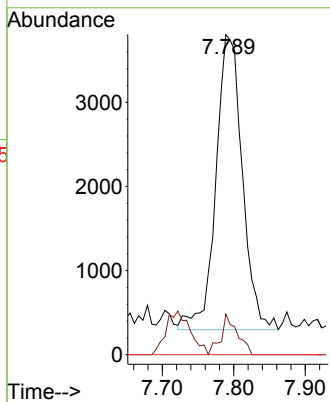
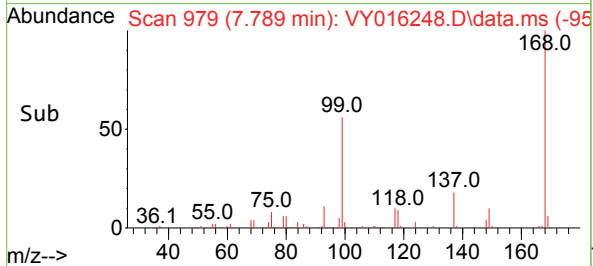


#36
 1,1-Dichloropropene
 Concen: 5.476 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.140 min
 Lab File: VY016248.D
 Acq: 07 Nov 2023 12:45

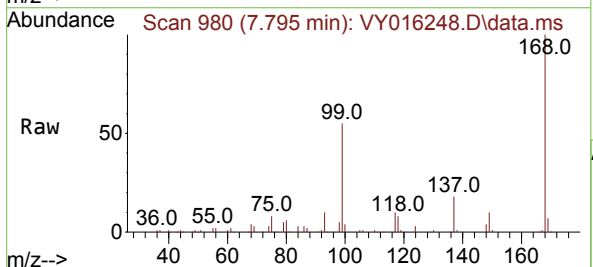
Instrument :
 MSVOA_Y
 ClientSampleId :



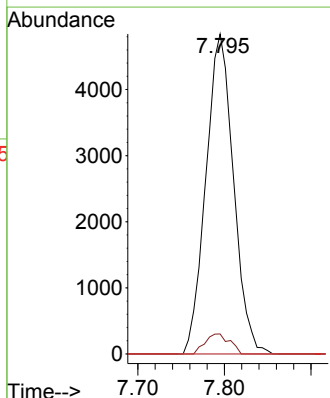
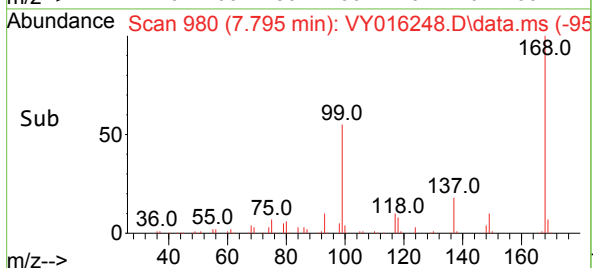
Tgt Ion: 75 Resp: 9025
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.8 53.5#
 77 0.0 24.4 36.6#

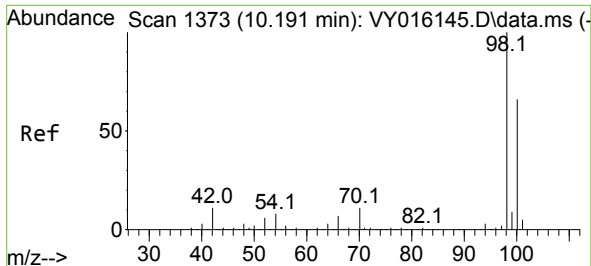


#38
 Carbon Tetrachloride
 Concen: 6.572 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY016248.D
 Acq: 07 Nov 2023 12:45



Tgt Ion: 117 Resp: 10732
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.4 114.6#
 121 0.0 25.8 38.6#

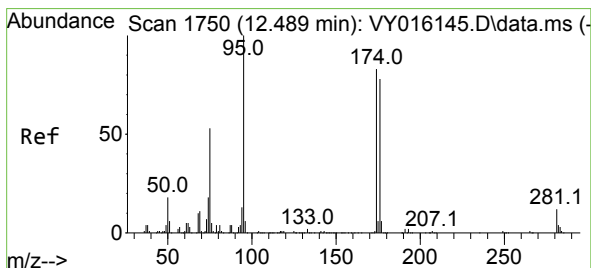
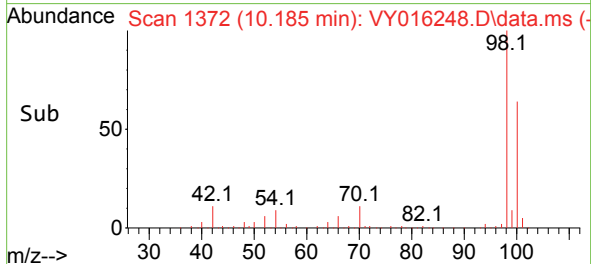
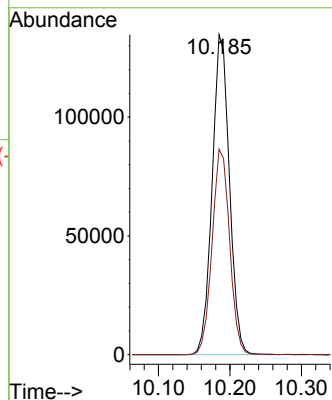
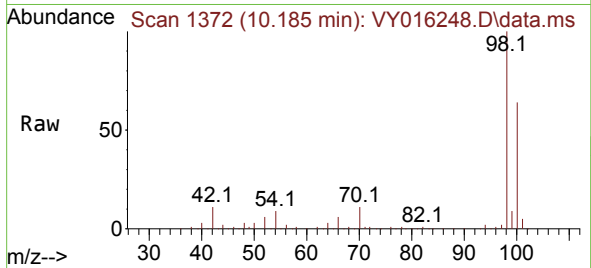




#50
Toluene-d8
Concen: 49.896 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

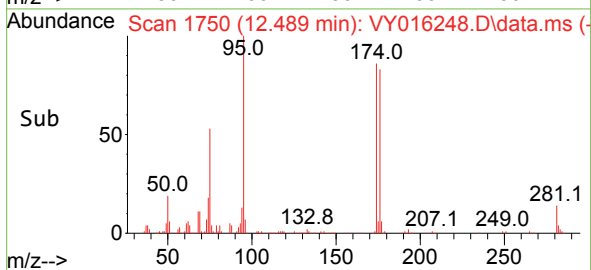
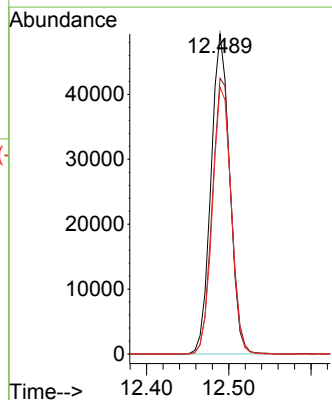
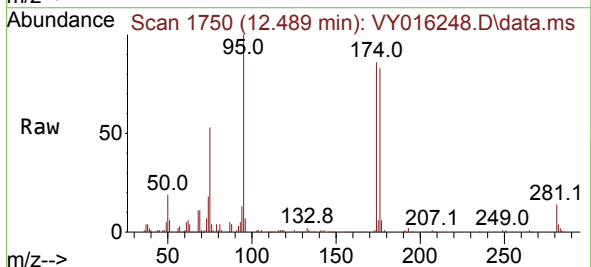
Instrument :
MSVOA_Y
ClientSampleId :

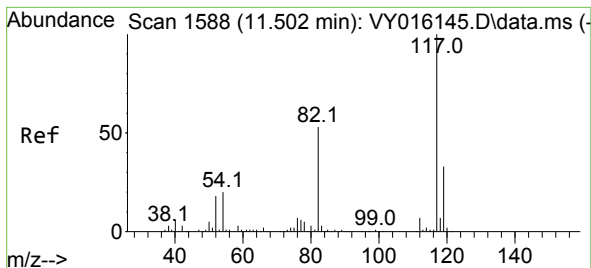
Tgt Ion: 98 Resp: 225812
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.260 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Tgt Ion: 95 Resp: 77779
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.8 0.0 173.8

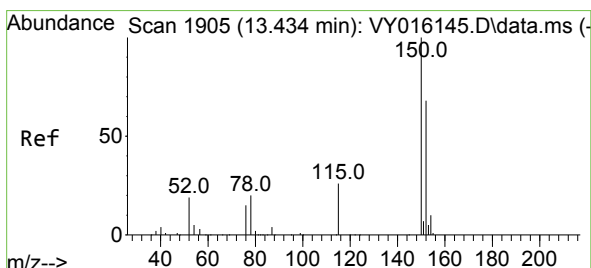
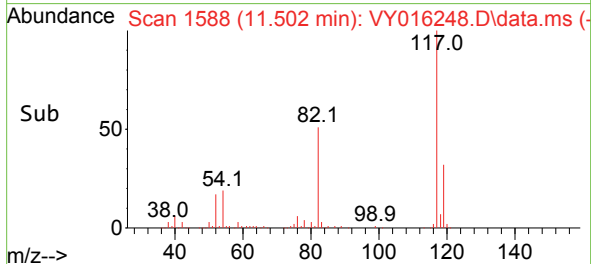
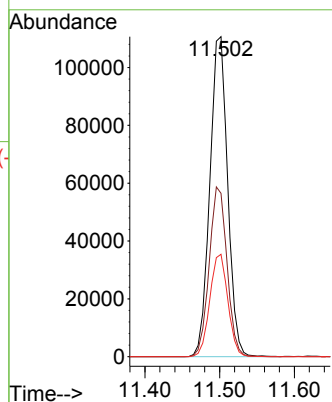
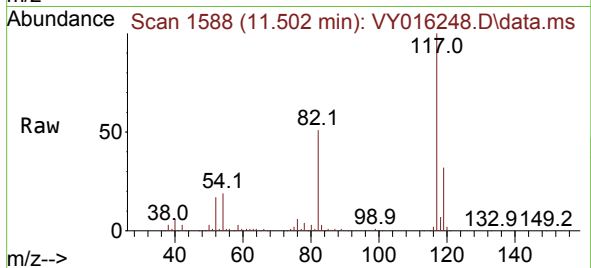




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

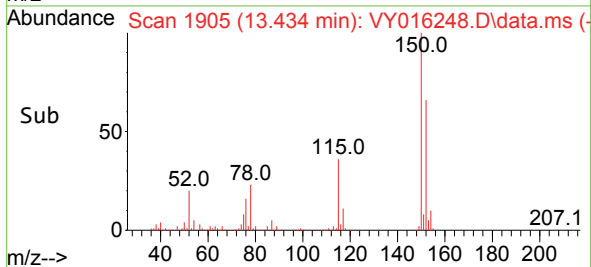
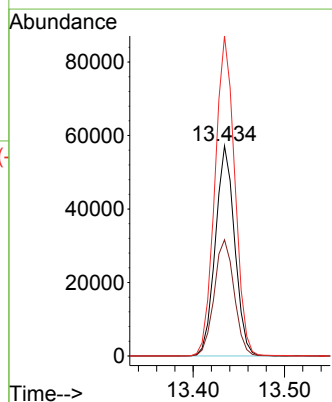
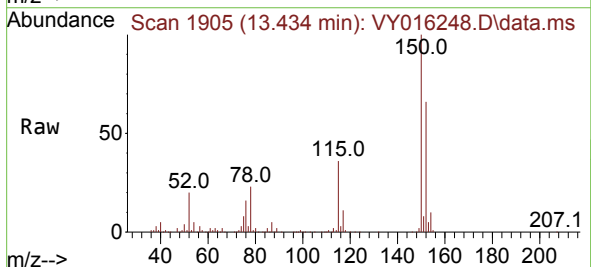
Instrument :
MSVOA_Y
ClientSampleId :

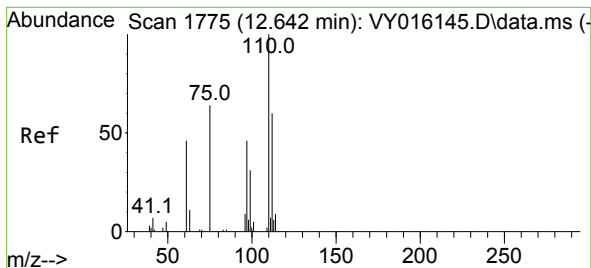
Tgt Ion:117 Resp: 183413
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 32.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016248.D
Acq: 07 Nov 2023 12:45

Tgt Ion:152 Resp: 83818
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 156.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 51.282 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016248.D

Acq: 07 Nov 2023 12:45

Instrument :

MSVOA_Y

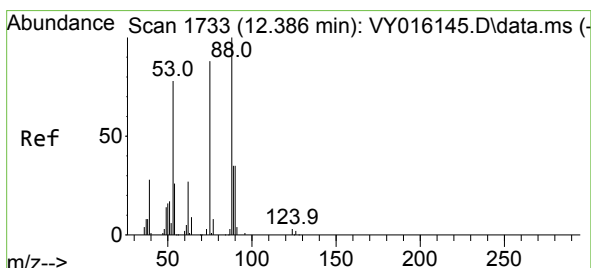
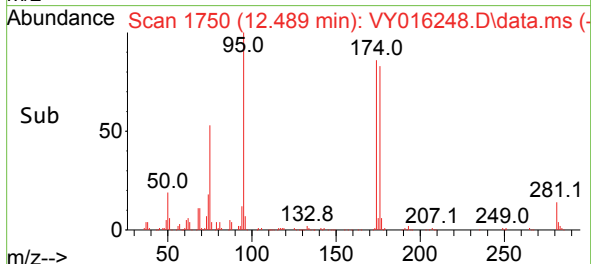
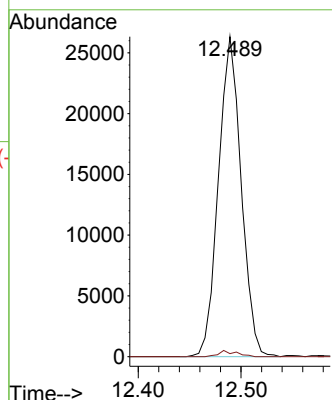
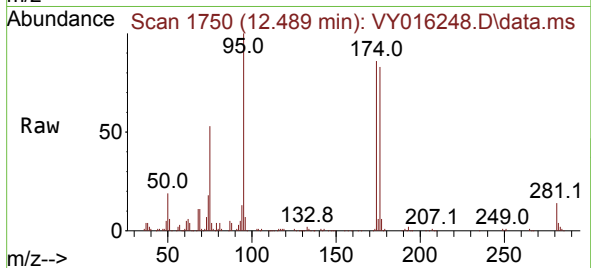
ClientSampleId :

Tgt Ion: 75 Resp: 40478

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.191 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016248.D

Acq: 07 Nov 2023 12:45

Tgt Ion: 75 Resp: 40478

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.3 37.4 56.0#

