

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016227.D
 Acq On : 06 Nov 2023 10:39
 Operator : SY/MD
 Sample : VY1106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 23:54:01 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)

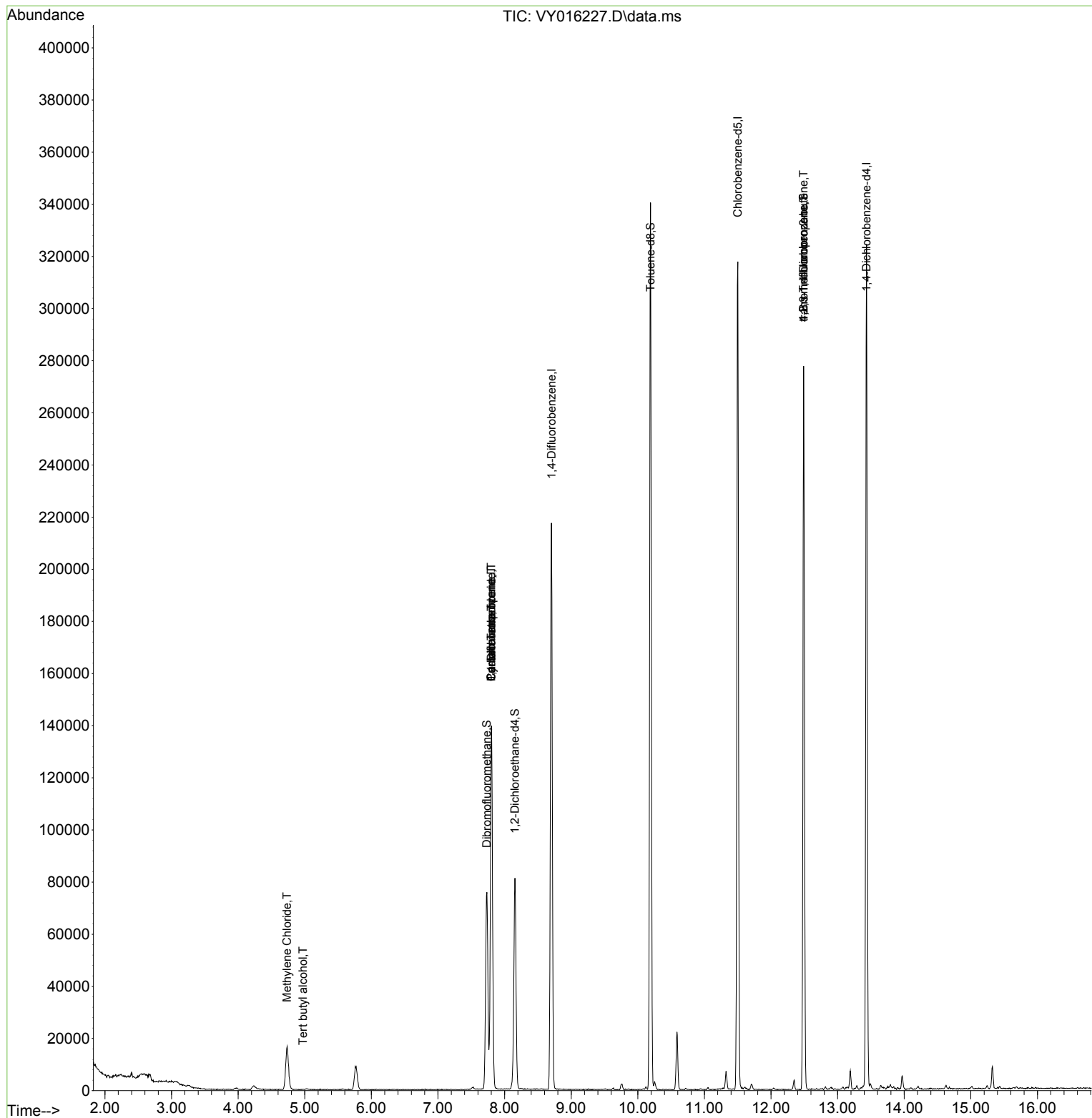
Internal Standards						
1) Pentafluorobenzene	7.801	168	109827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	191011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	181806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	62274	60.596	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.200%
35) Dibromofluoromethane	7.734	113	55642	48.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.191	98	224528	49.730	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.460%
62) 4-Bromofluorobenzene	12.489	95	78914	51.115	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	78	1.016	ug/l #	89
16) Acetone	3.979	43	1162	Below Cal		95
20) Methylene Chloride	4.734	84	12617	9.610	ug/l	93
31) Cyclohexane	7.801	56	2234	1.414	ug/l #	15
36) 1,1-Dichloropropene	7.801	75	8170	4.969	ug/l #	49
38) Carbon Tetrachloride	7.801	117	10852	6.661	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	40765	51.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	40765	112.242	ug/l #	11

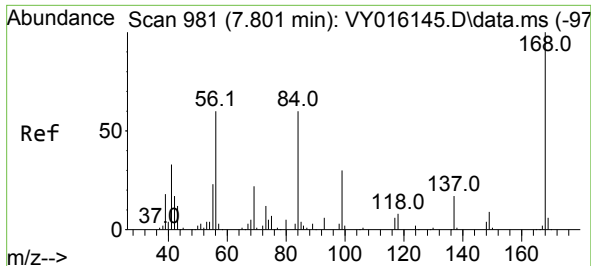
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
Data File : VY016227.D
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Operator : SY/MD
Sample : VY1106SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

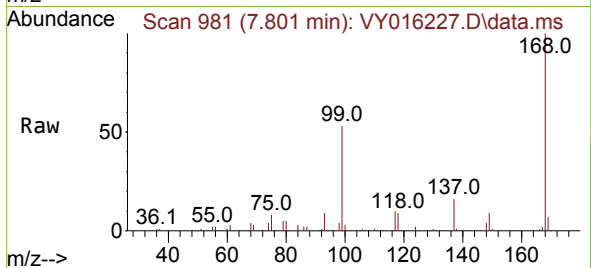
Quant Time: Nov 06 23:54:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



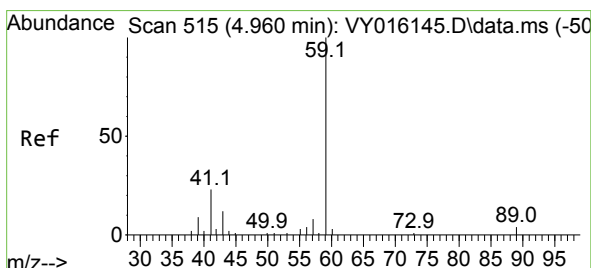
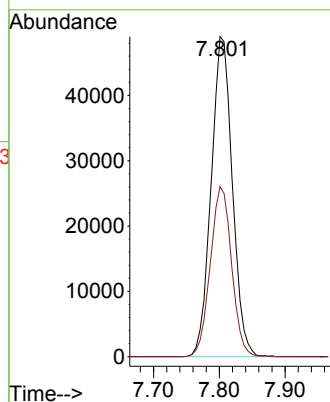
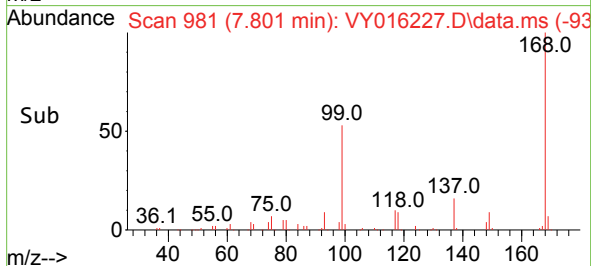


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :

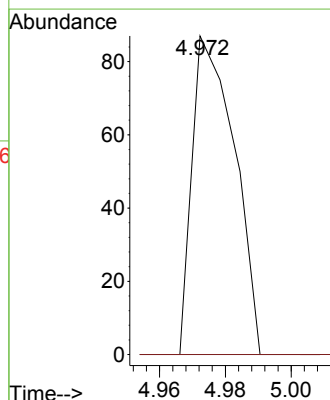
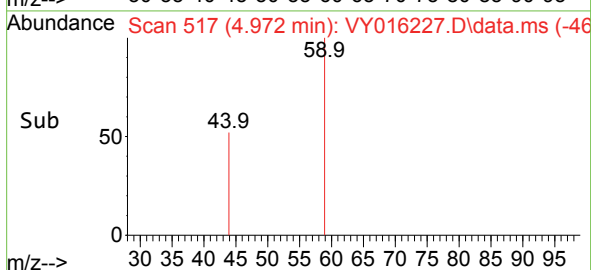
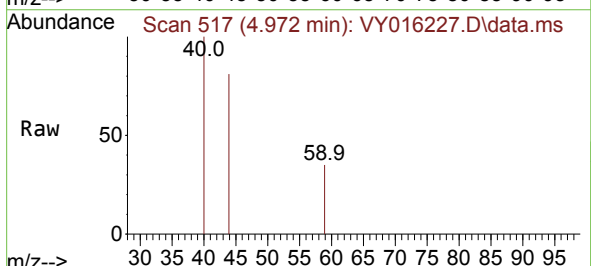


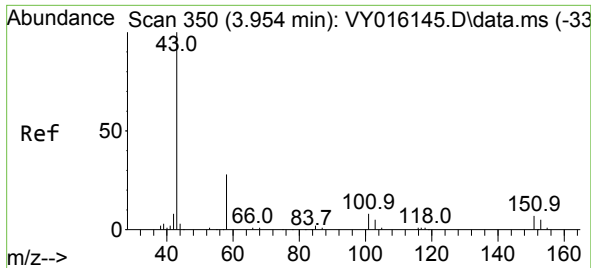
Tgt Ion:168 Resp: 109827
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.016 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

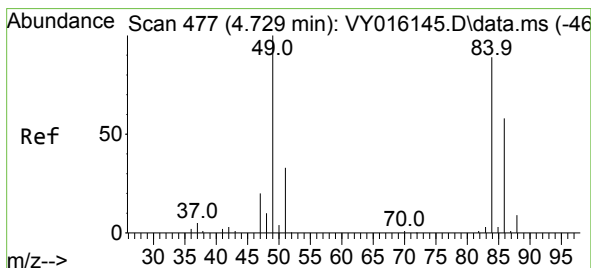
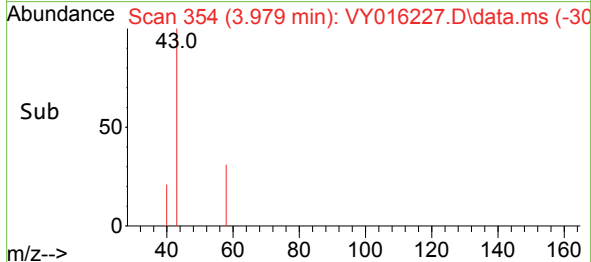
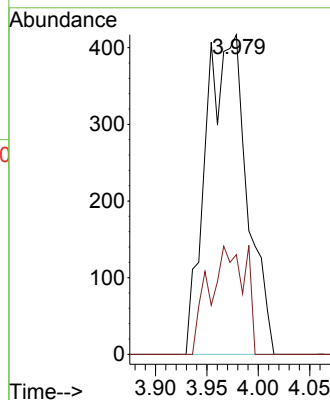
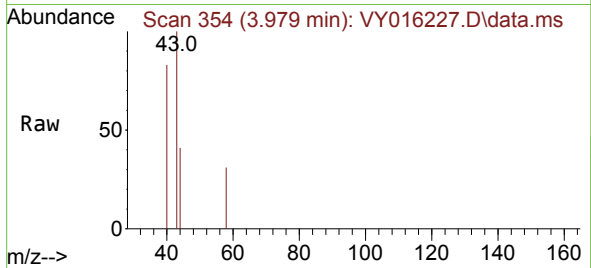




#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

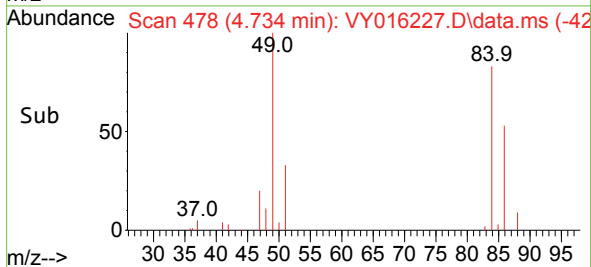
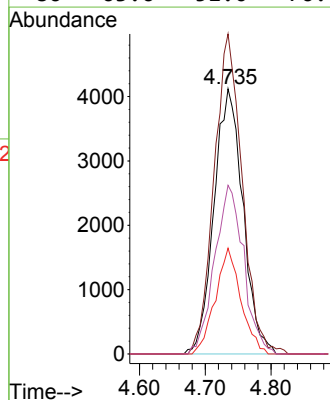
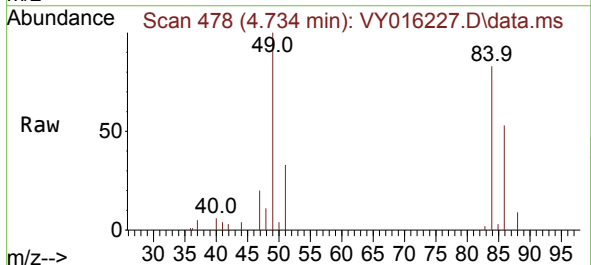
Instrument :
MSVOA_Y
ClientSampleId :

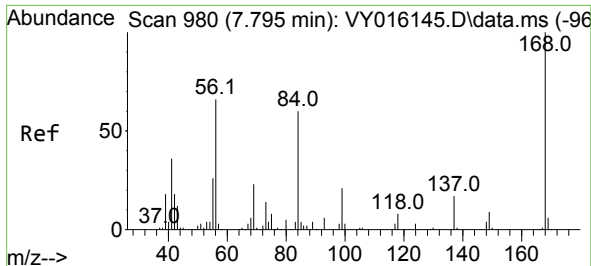
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1



#20
Methylene Chloride
Concen: 9.610 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

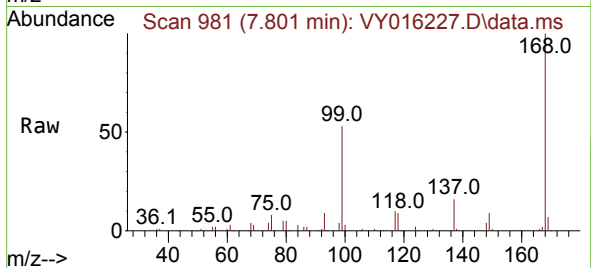
Tgt Ion: 84 Resp: 12617
Ion Ratio Lower Upper
84 100
49 120.7 106.9 160.3
51 39.9 33.2 49.8
86 63.6 51.0 76.6



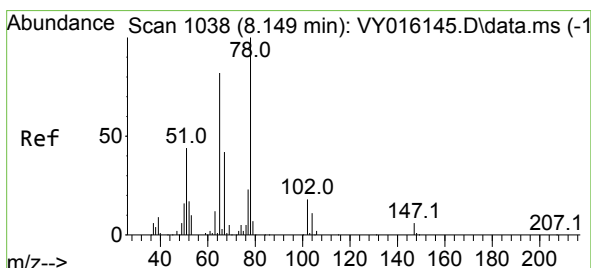
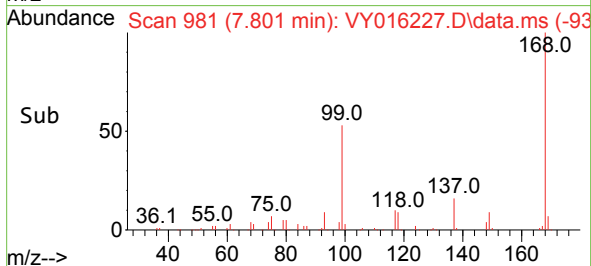
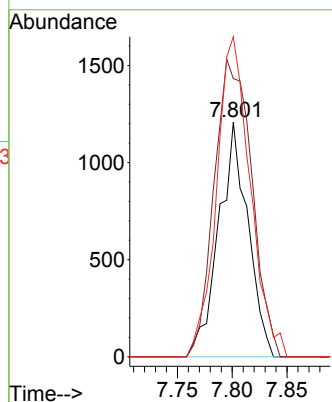


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

Instrument :
MSVOA_Y
ClientSampleId :

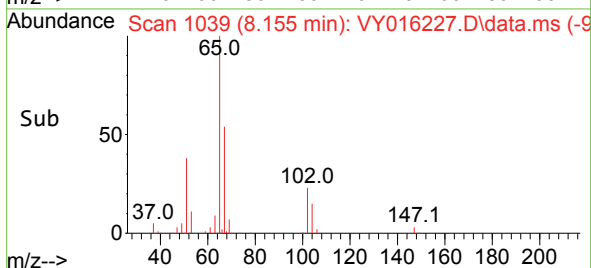
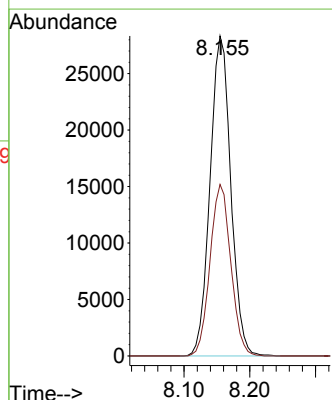
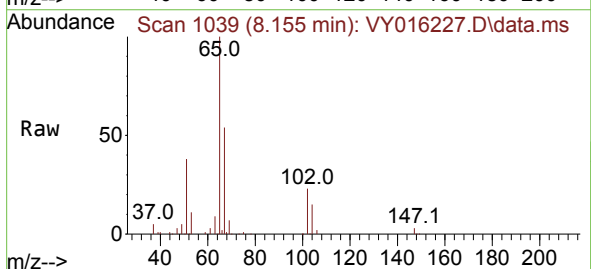


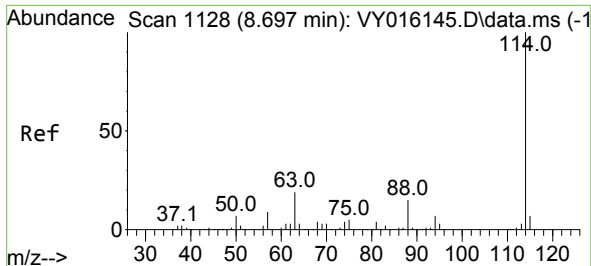
Tgt Ion: 56 Resp: 2234
Ion Ratio Lower Upper
56 100
69 118.5 27.8 41.6#
84 136.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.596 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

Tgt Ion: 65 Resp: 62274
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016227.D

Acq: 06 Nov 2023 10:39

Instrument :

MSVOA_Y

ClientSampleId :

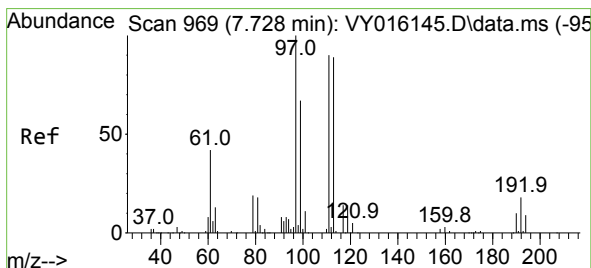
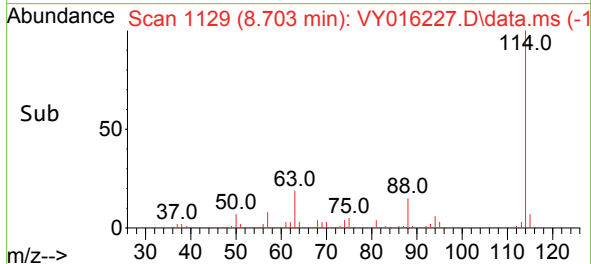
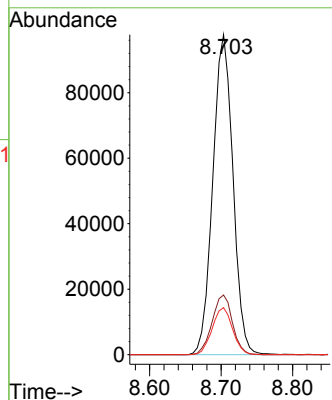
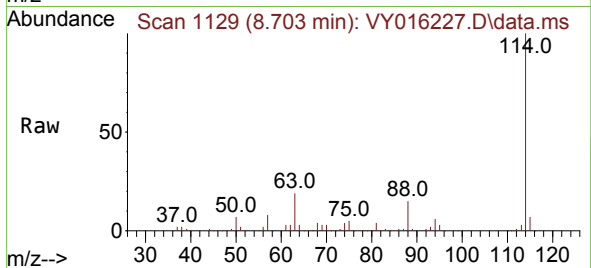
Tgt Ion:114 Resp: 191011

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.862 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016227.D

Acq: 06 Nov 2023 10:39

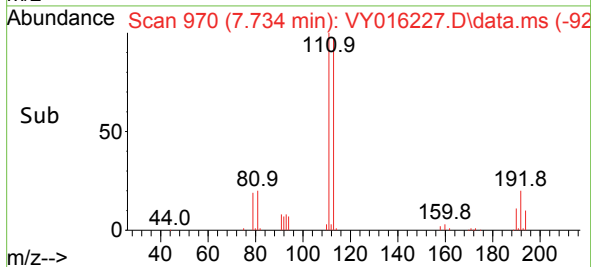
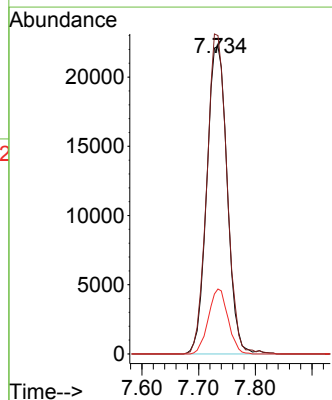
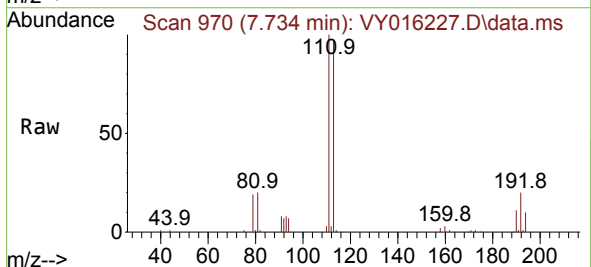
Tgt Ion:113 Resp: 55642

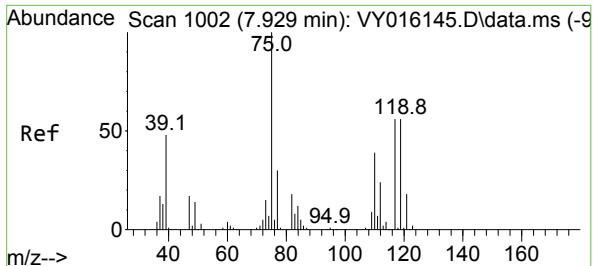
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 20.2 16.9 25.3

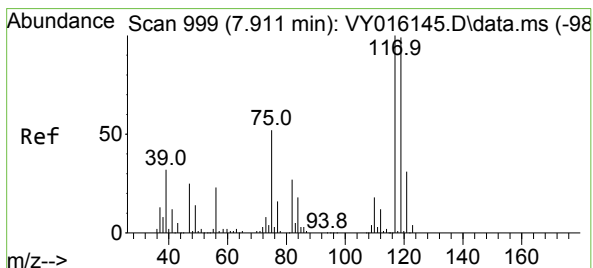
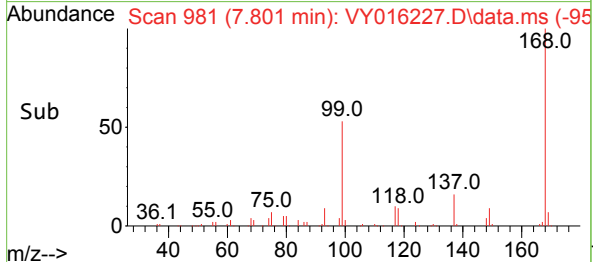
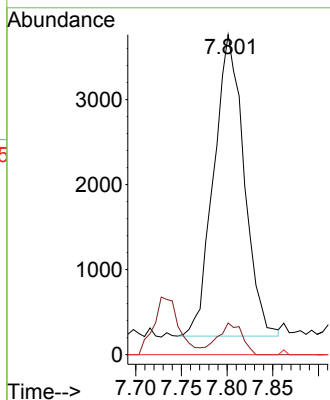
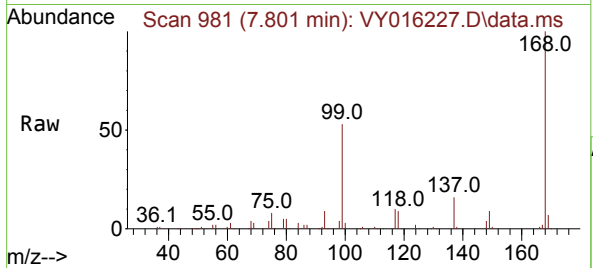




#36
 1,1-Dichloropropene
 Concen: 4.969 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY016227.D
 Acq: 06 Nov 2023 10:39

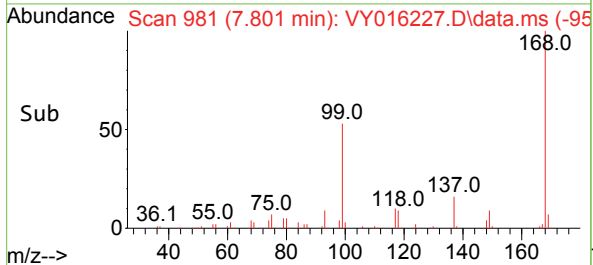
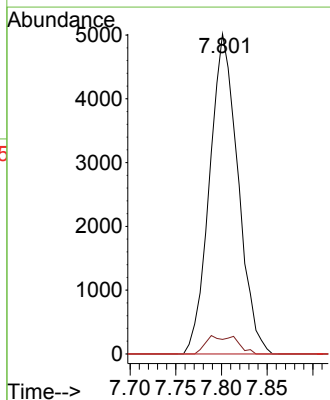
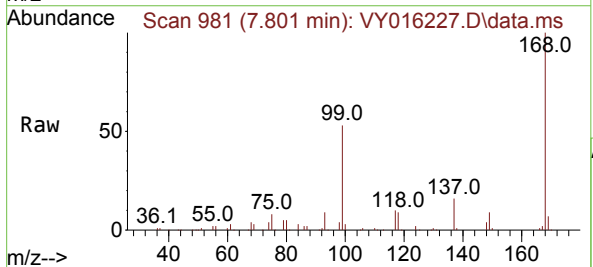
Instrument :
 MSVOA_Y
 ClientSampleId :

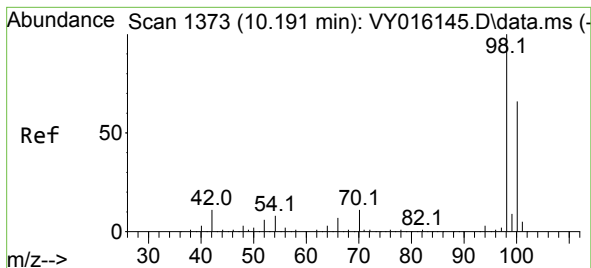
Tgt Ion: 75 Resp: 8170
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 6.661 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY016227.D
 Acq: 06 Nov 2023 10:39

Tgt Ion: 117 Resp: 10852
 Ion Ratio Lower Upper
 117 100
 119 4.5 76.4 114.6#
 121 0.0 25.8 38.6#

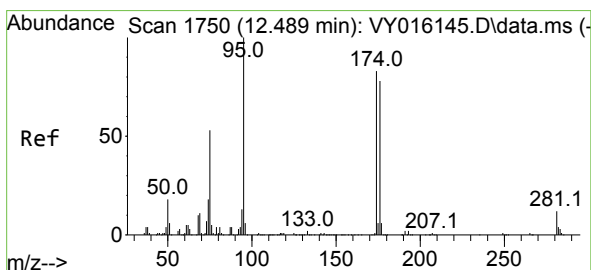
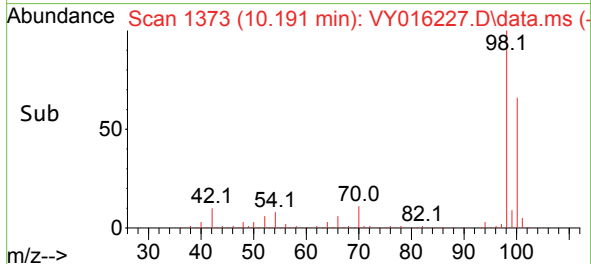
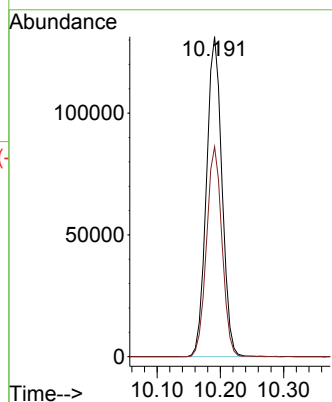
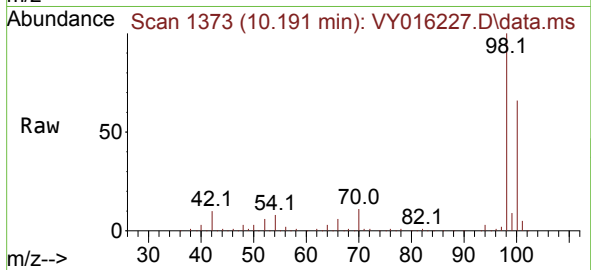




#50
Toluene-d8
Concen: 49.730 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

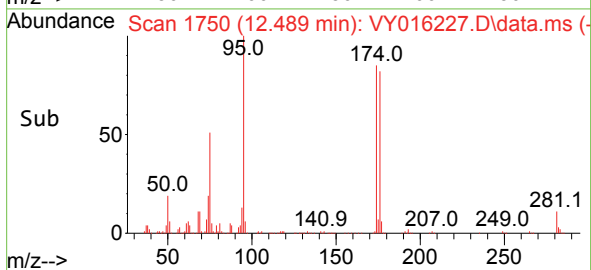
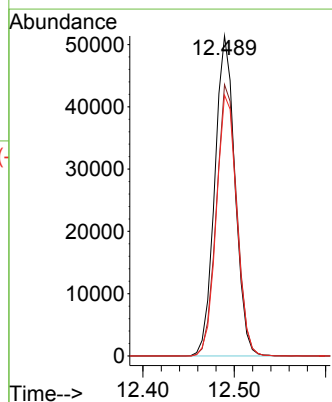
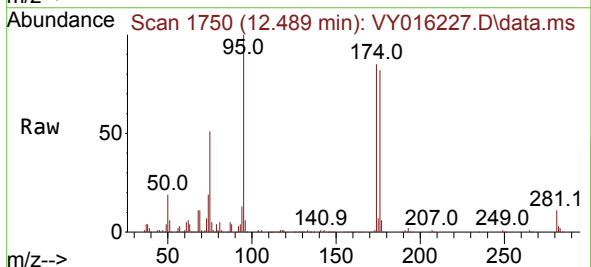
Instrument :
MSVOA_Y
ClientSampleId :

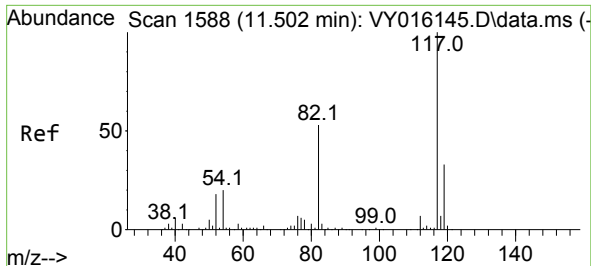
Tgt Ion: 98 Resp: 224528
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.115 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

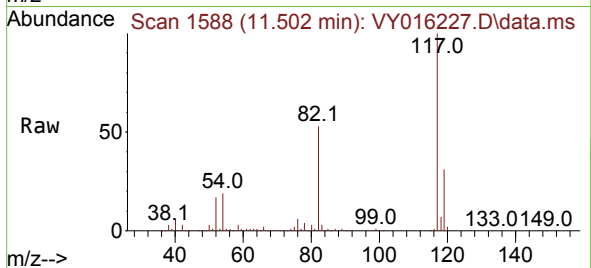
Tgt Ion: 95 Resp: 78914
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.7 0.0 173.8



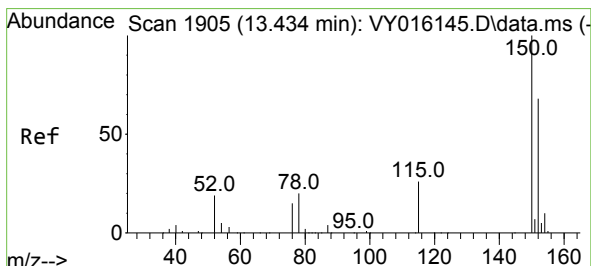
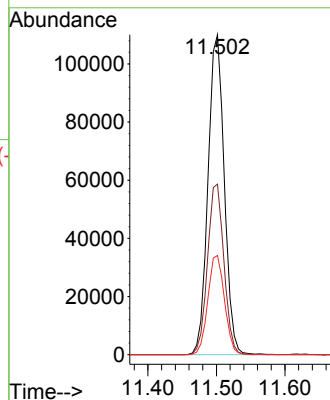
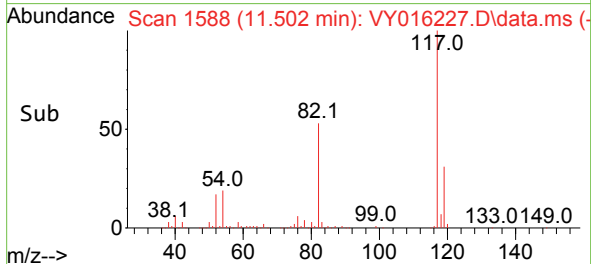


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39

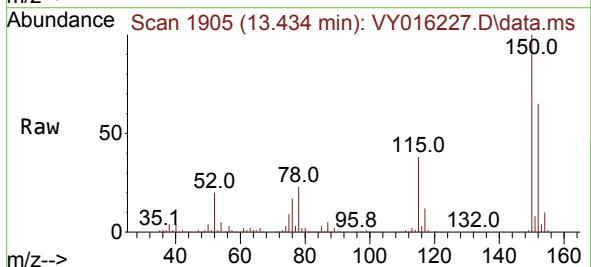
Instrument :
MSVOA_Y
ClientSampleId :



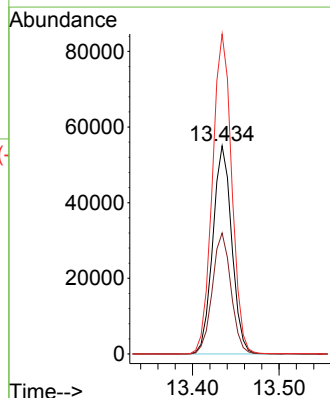
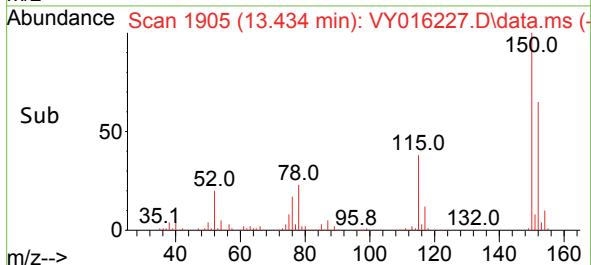
Tgt Ion:117 Resp: 181806
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.0 26.3 39.5

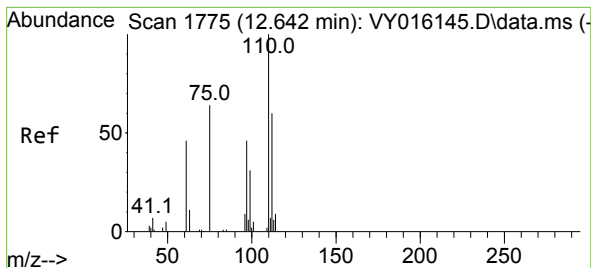


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016227.D
Acq: 06 Nov 2023 10:39



Tgt Ion:152 Resp: 83622
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 157.0 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 51.767 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016227.D

Acq: 06 Nov 2023 10:39

Instrument :

MSVOA_Y

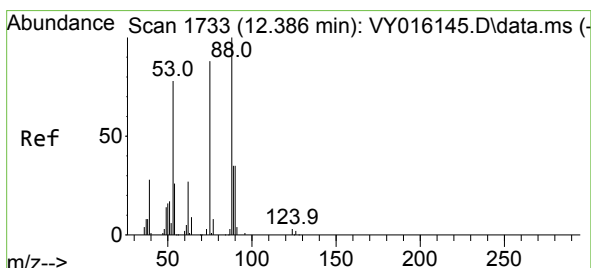
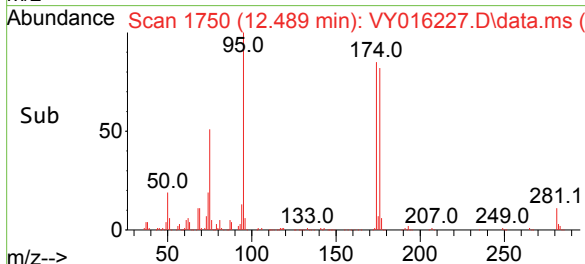
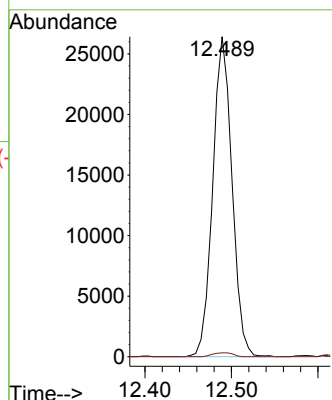
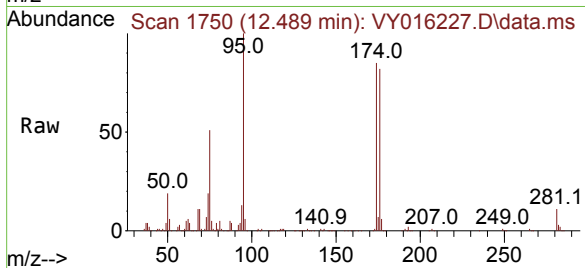
ClientSampleId :

Tgt Ion: 75 Resp: 40765

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.242 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY016227.D

Acq: 06 Nov 2023 10:39

Tgt Ion: 75 Resp: 40765

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.1 37.4 56.0#

