

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016601.D
 Acq On : 05 Dec 2023 17:06
 Operator : SY/MD
 Sample : 05599-09
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 02:27:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	133225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	219453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	218074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	86312	70.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.200%	
35) Dibromofluoromethane	7.734	113	71220	53.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.860%	
50) Toluene-d8	10.191	98	255317	51.109	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	12.489	95	92783	56.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.960%	

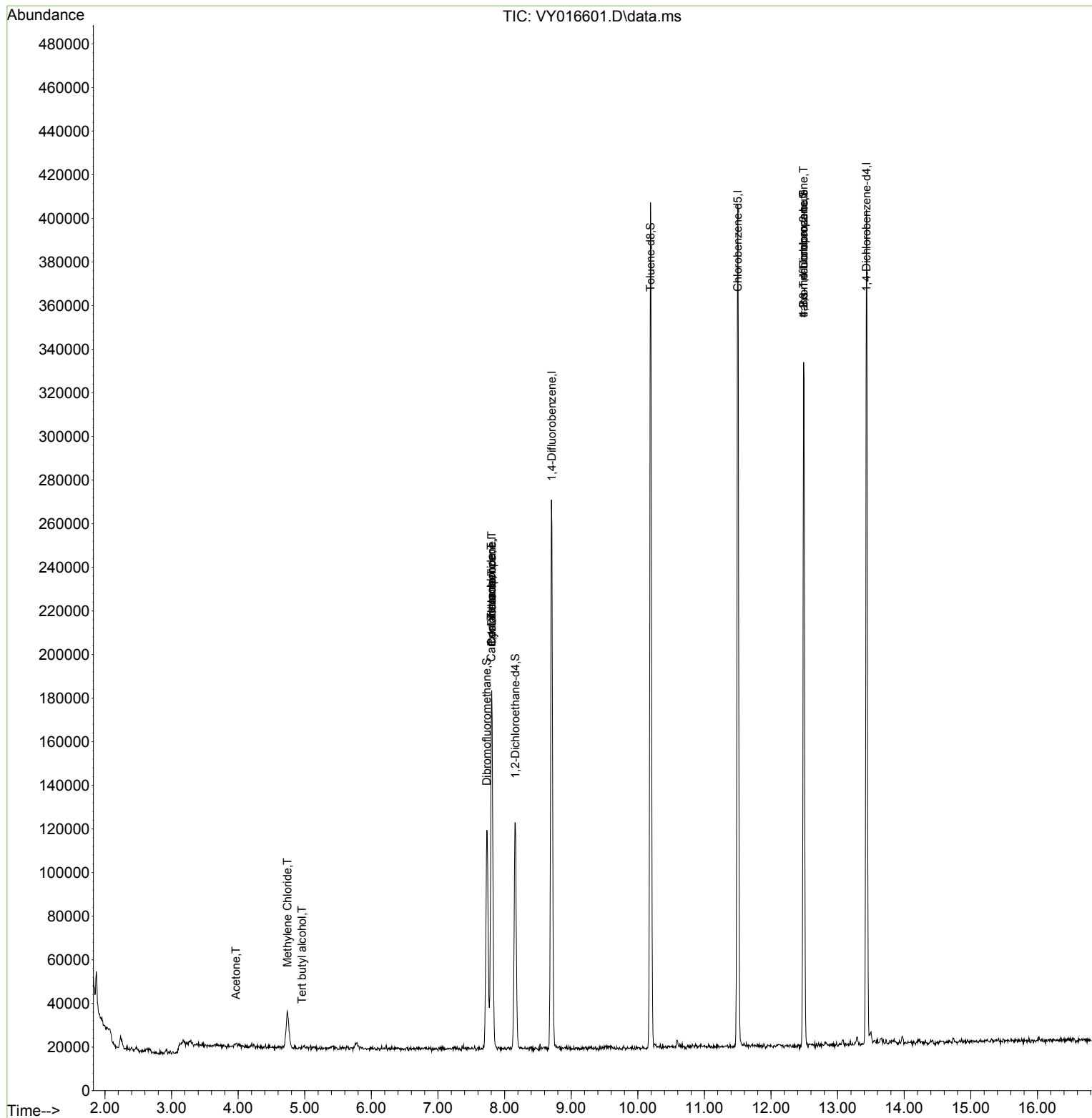
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	96	1.144	ug/l #	89
16) Acetone	3.966	43	2525	9.062	ug/l #	81
20) Methylene Chloride	4.740	84	13226	7.932	ug/l	87
31) Cyclohexane	7.807	56	2497	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	9081	4.523	ug/l #	51
38) Carbon Tetrachloride	7.801	117	12939	5.567	ug/l #	18
76) 1,2,3-Trichloropropane	12.489	75	49450	52.936	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49450	119.413	ug/l #	10
95) Naphthalene	15.251	128	722	Below Cal	#	90
96) 1,2,3-Trichlorobenzene	15.440	180	24	Below Cal	#	13

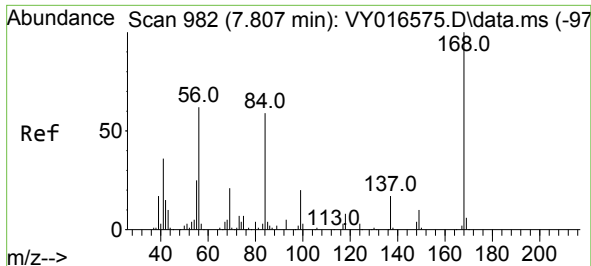
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
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Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration

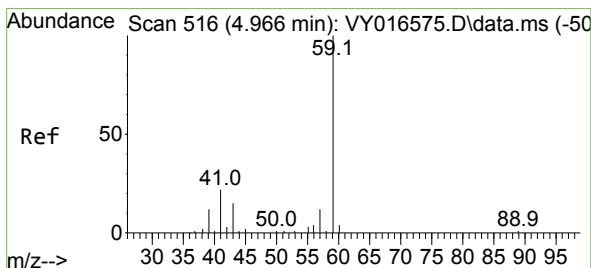
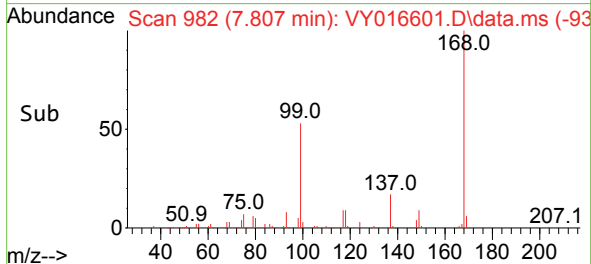
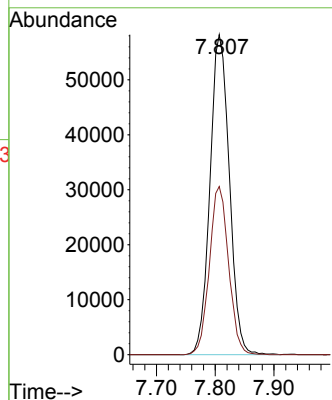
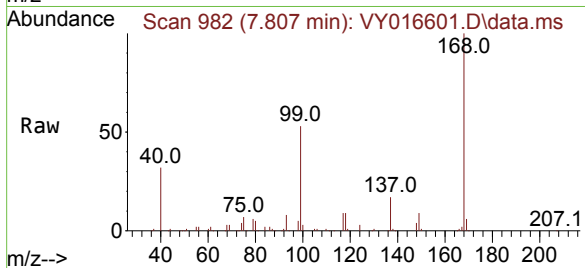




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

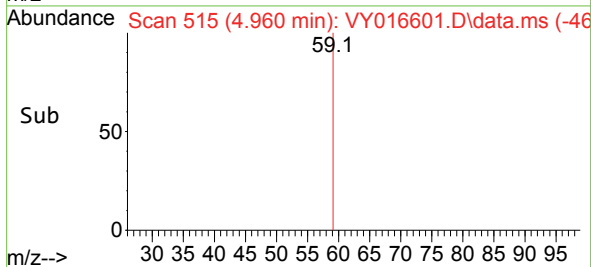
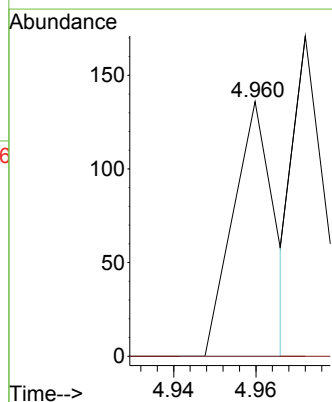
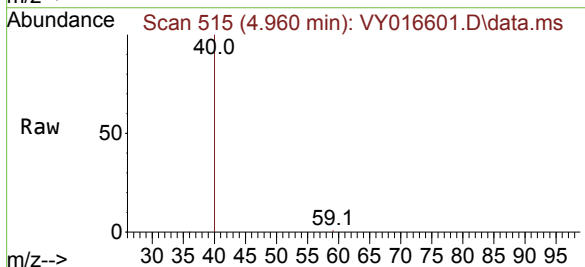
Instrument :
MSVOA_Y
ClientSampleId :

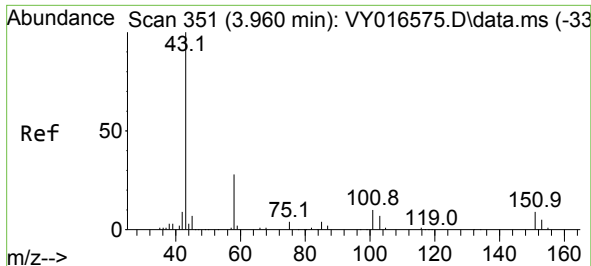
Tgt Ion:168 Resp: 133225
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 1.144 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.007 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

Tgt Ion: 59 Resp: 96
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

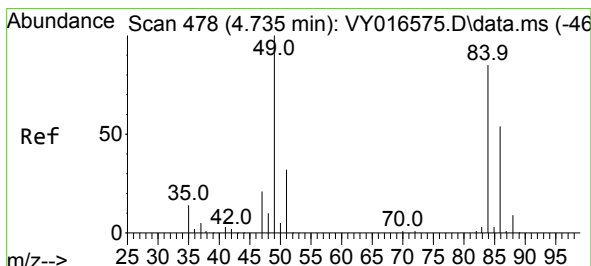
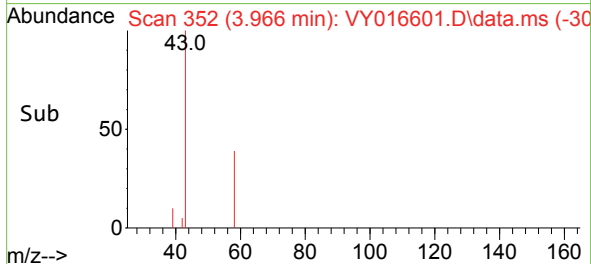
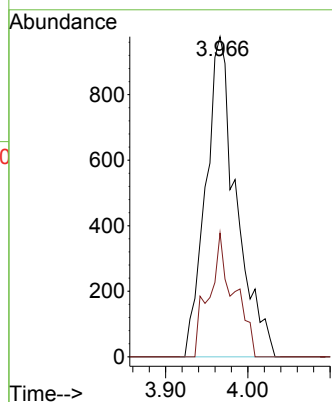
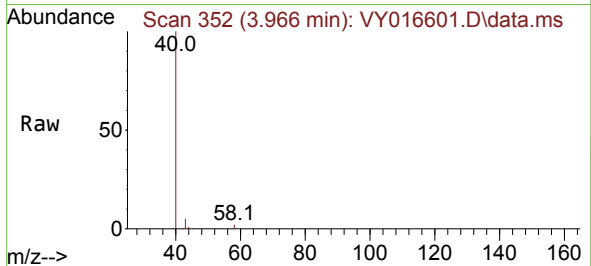




#16
Acetone
Concen: 9.062 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

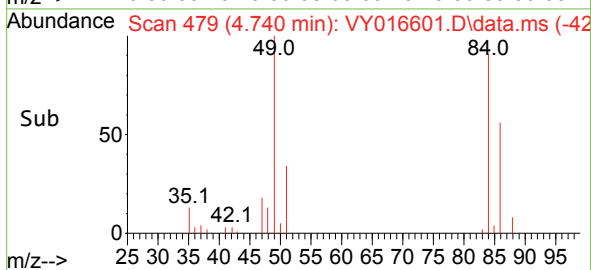
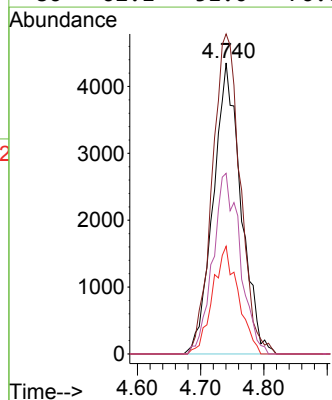
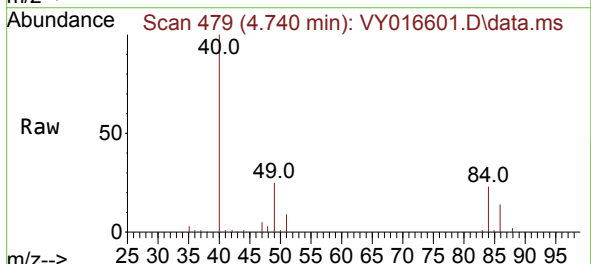
Instrument :
MSVOA_Y
ClientSampleId :

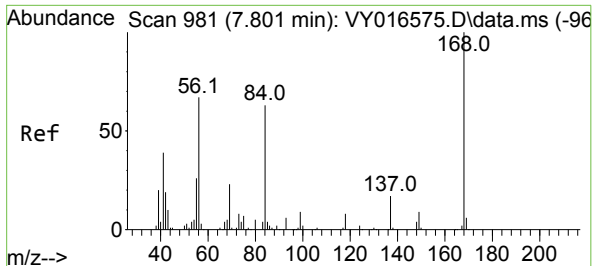
Tgt Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
58 38.7 22.7 34.1#



#20
Methylene Chloride
Concen: 7.932 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.005 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

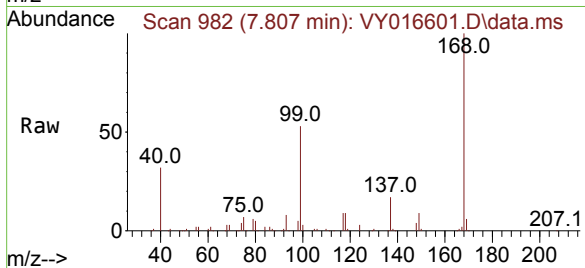
Tgt Ion: 84 Resp: 13226
Ion Ratio Lower Upper
84 100
49 109.9 106.9 160.3
51 37.0 33.2 49.8
86 62.1 51.0 76.6



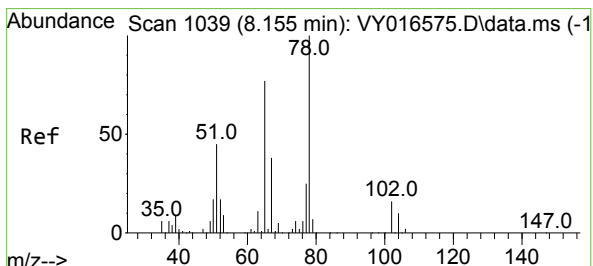
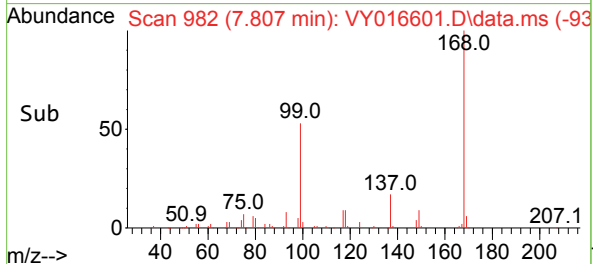
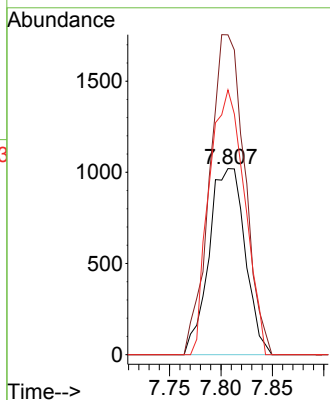


#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

Instrument :
MSVOA_Y
ClientSampleId :

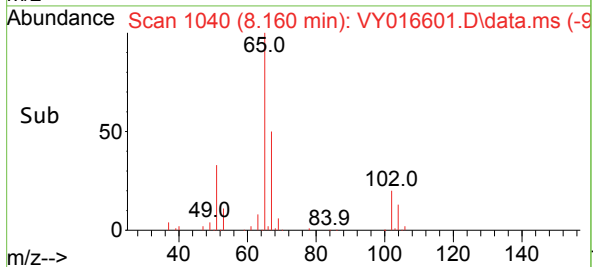
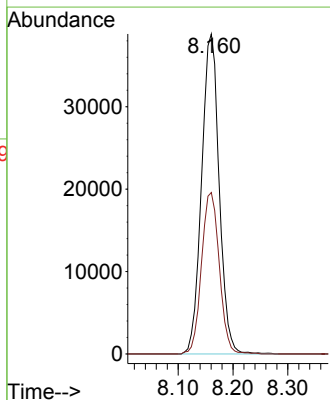
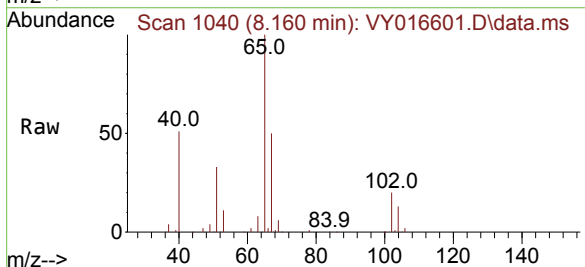


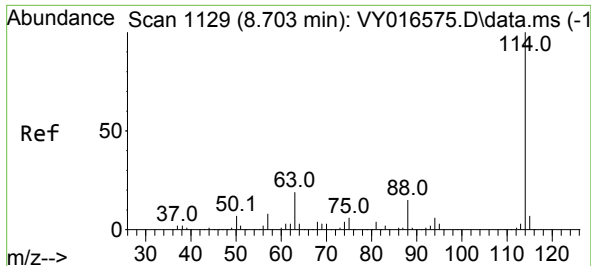
Tgt Ion: 56 Resp: 2497
Ion Ratio Lower Upper
56 100
69 172.0 27.8 41.6#
84 142.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.095 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

Tgt Ion: 65 Resp: 86312
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016601.D

Acq: 05 Dec 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

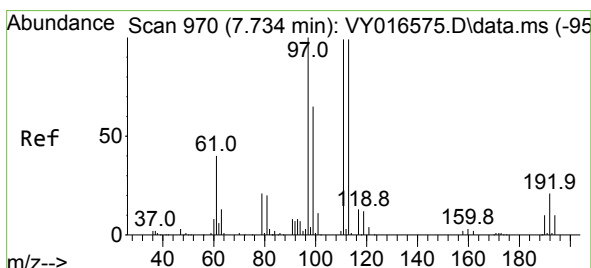
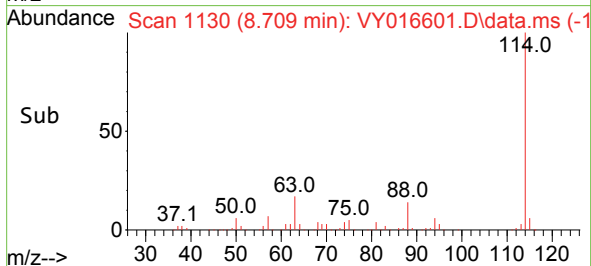
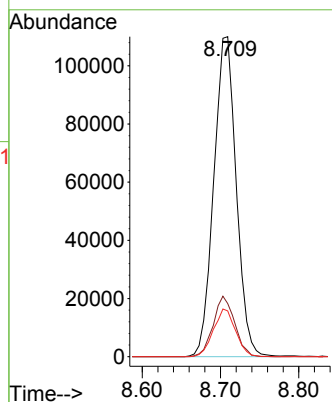
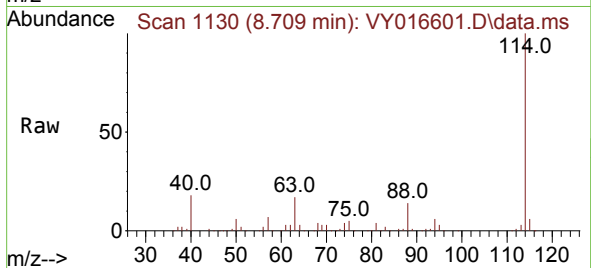
Tgt Ion:114 Resp: 219453

Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.927 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016601.D

Acq: 05 Dec 2023 17:06

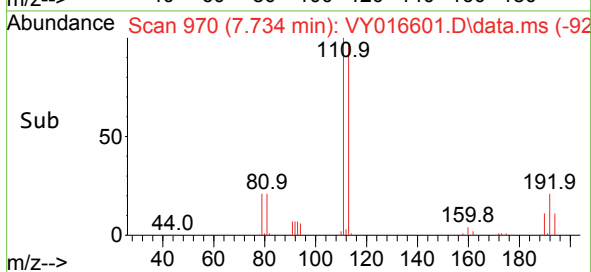
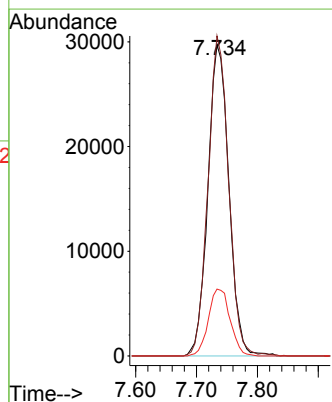
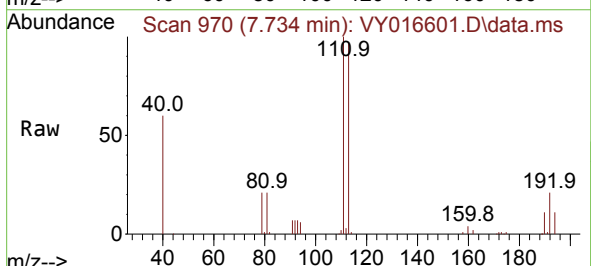
Tgt Ion:113 Resp: 71220

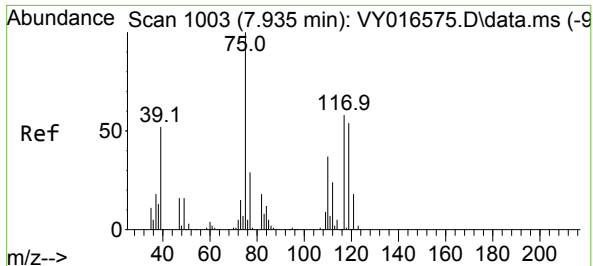
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

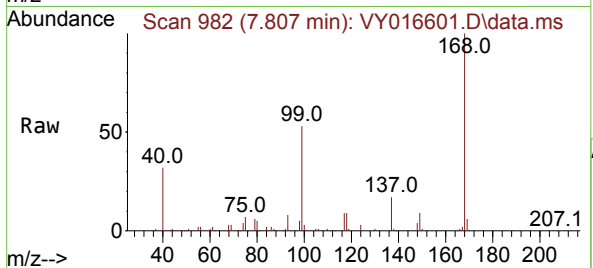
192 22.3 16.9 25.3



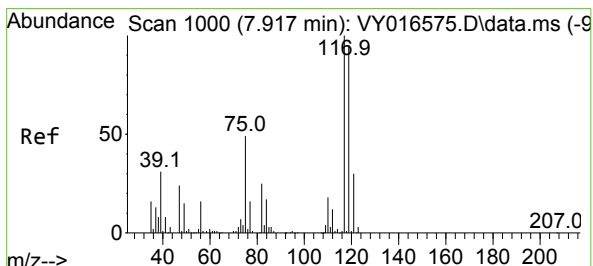
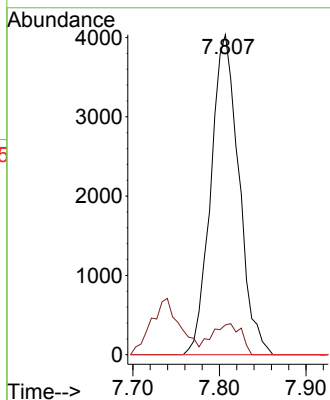
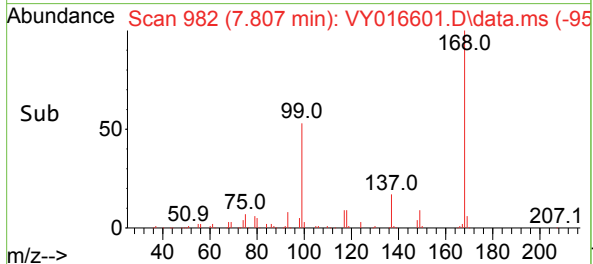


#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

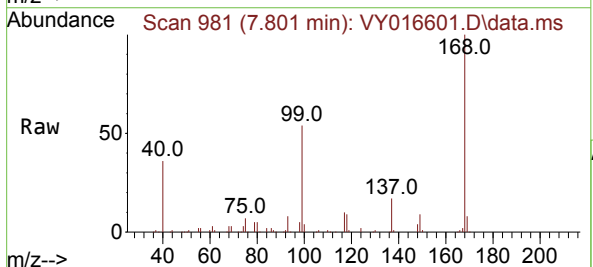
Instrument :
MSVOA_Y
ClientSampleId :



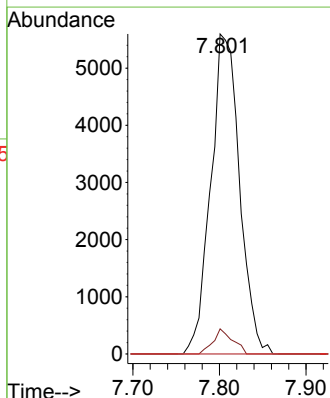
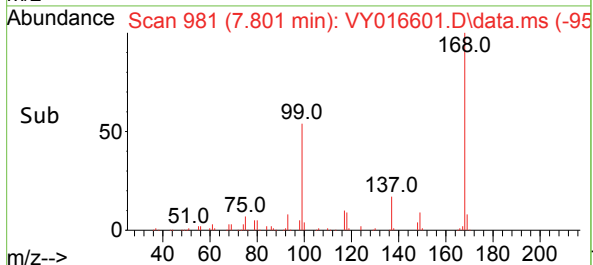
Tgt Ion: 75 Resp: 9081
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.5#
77 0.0 24.4 36.6#

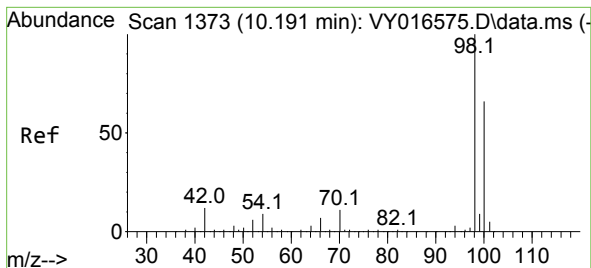


#38
Carbon Tetrachloride
Concen: 5.567 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06



Tgt Ion: 117 Resp: 12939
Ion Ratio Lower Upper
117 100
119 7.9 76.4 114.6#
121 0.0 25.8 38.6#

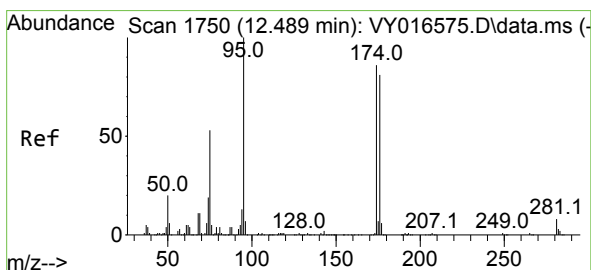
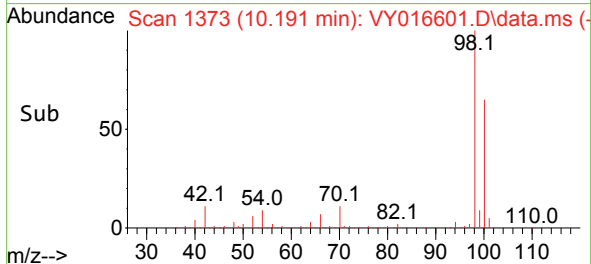
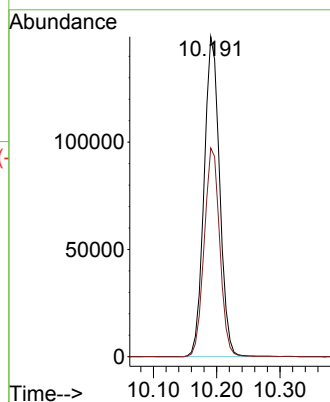
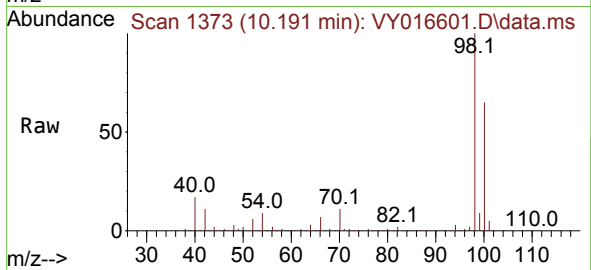




#50
Toluene-d8
Concen: 51.109 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

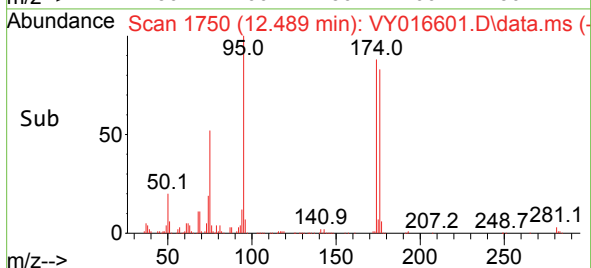
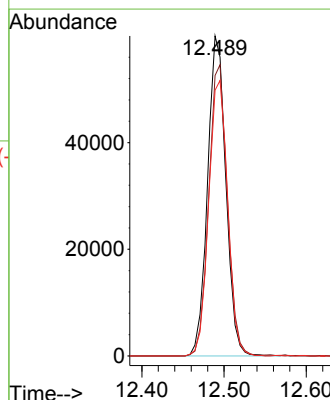
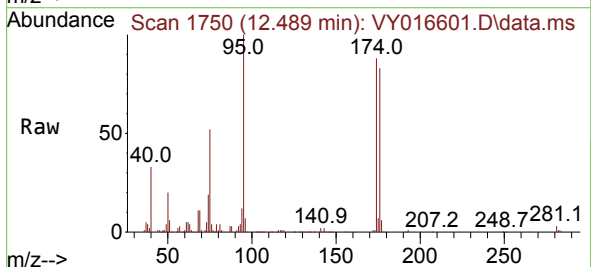
Instrument :
MSVOA_Y
ClientSampleId :

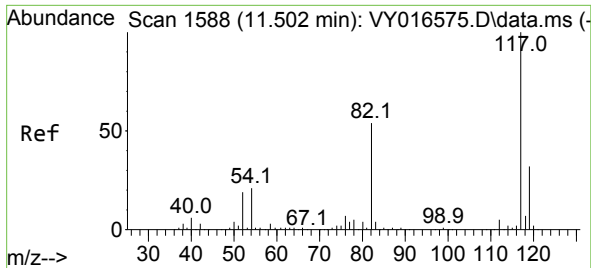
Tgt Ion: 98 Resp: 255317
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.479 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

Tgt Ion: 95 Resp: 92783
Ion Ratio Lower Upper
95 100
174 92.3 0.0 178.2
176 89.4 0.0 173.8

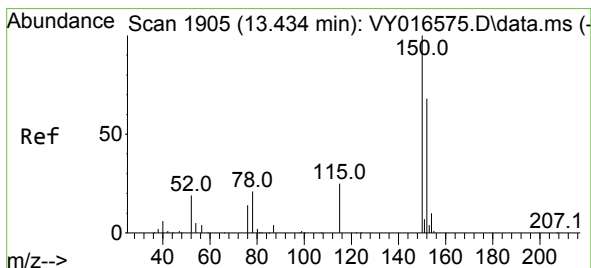
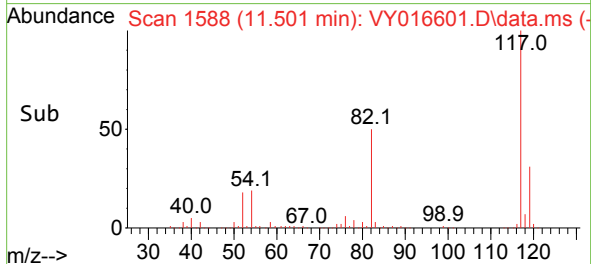
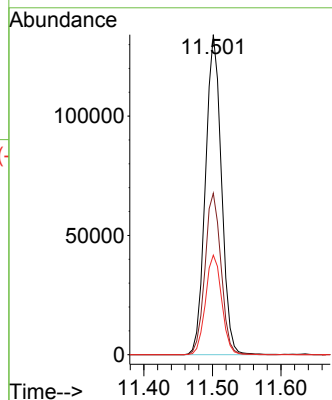
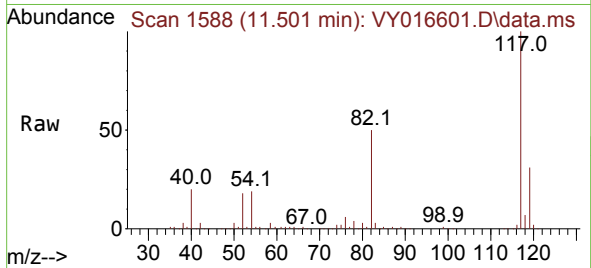




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

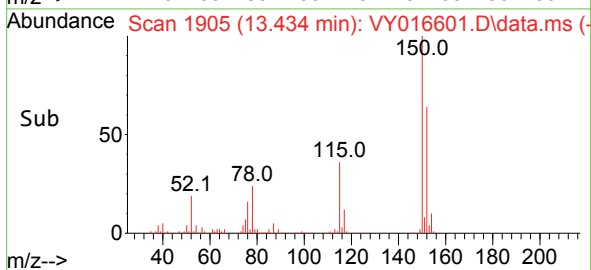
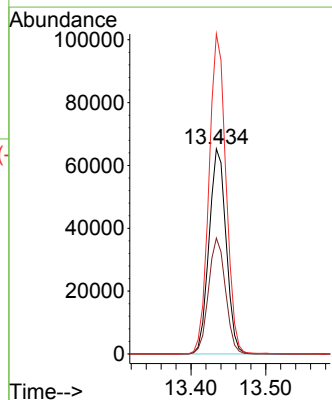
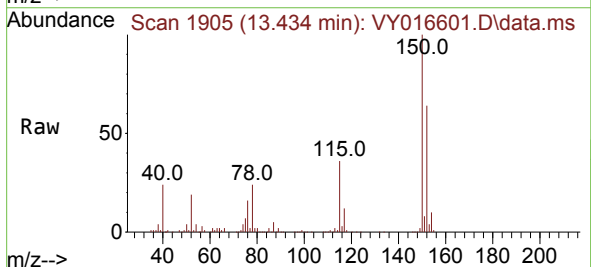
Instrument :
MSVOA_Y
ClientSampleId :

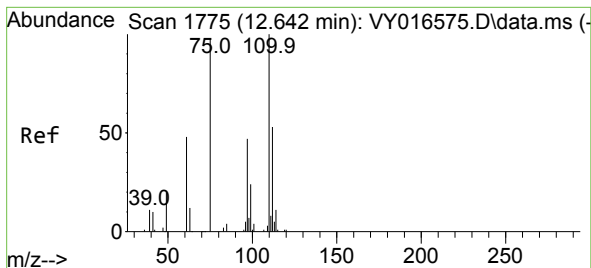
Tgt Ion:117 Resp: 218074
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 31.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016601.D
Acq: 05 Dec 2023 17:06

Tgt Ion:152 Resp: 103412
Ion Ratio Lower Upper
152 100
115 56.1 28.8 86.5
150 155.8 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 52.936 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.153 min

Lab File: VY016601.D

Acq: 05 Dec 2023 17:06

Instrument :

MSVOA_Y

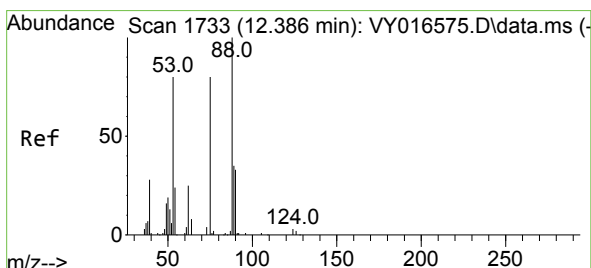
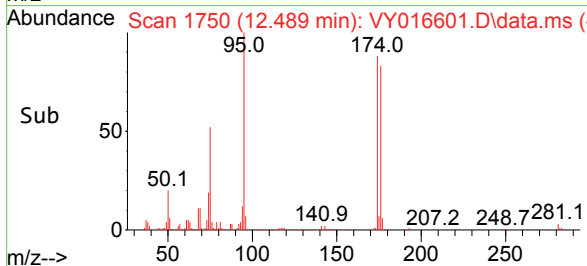
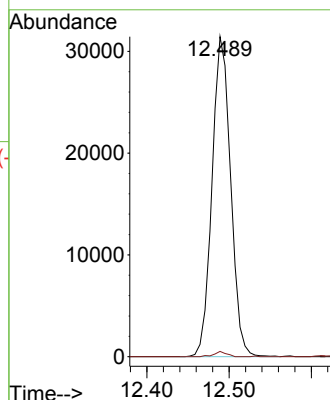
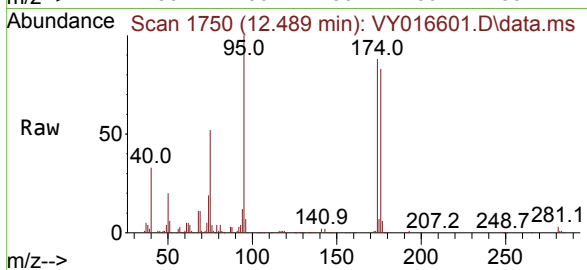
ClientSampleId :

Tgt Ion: 75 Resp: 49450

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.413 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.103 min

Lab File: VY016601.D

Acq: 05 Dec 2023 17:06

Tgt Ion: 75 Resp: 49450

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

