

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009861.D
 Acq On : 05 Aug 2022 19:21
 Operator : KP/MD
 Sample : N4060-02
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JERSEY-CITY-SP

Quant Time: Aug 06 01:21:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

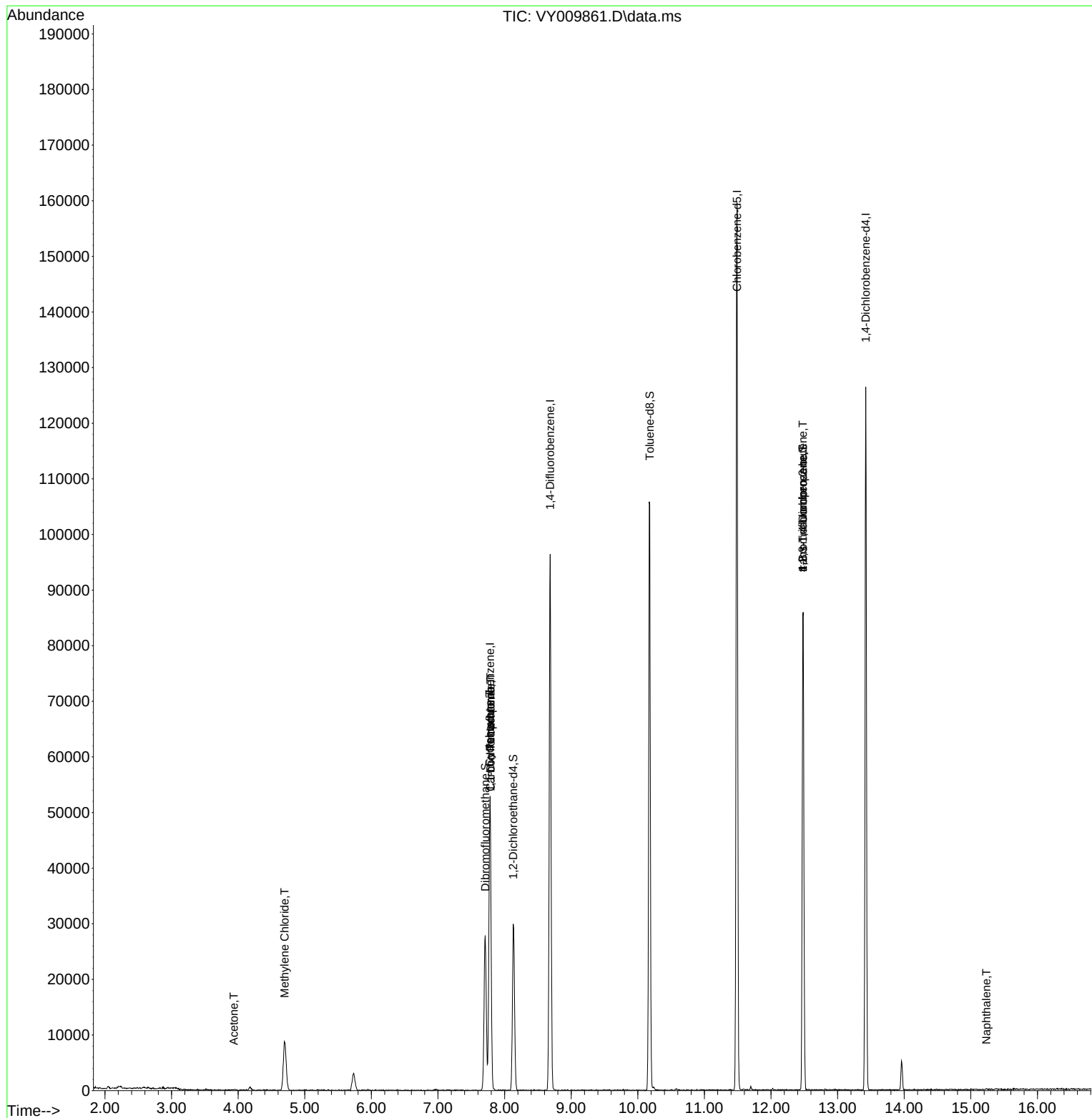
Internal Standards						
1) Pentafluorobenzene	7.783	168	40327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	77608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	83655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	21750	67.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.540%
35) Dibromofluoromethane	7.710	113	19312	40.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.620%
50) Toluene-d8	10.179	98	66904	47.866	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.740%
62) 4-Bromofluorobenzene	12.477	95	21868	34.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	68.260%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	302	2.646	ug/l #	45
20) Methylene Chloride	4.698	84	6344	4.881	ug/l	92
31) Cyclohexane	7.777	56	980	1.284	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	3348	4.265	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3949	4.783	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	11455	32.982	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11455	70.787	ug/l #	13
95) Naphthalene	15.233	128	339	5.671	ug/l #	69

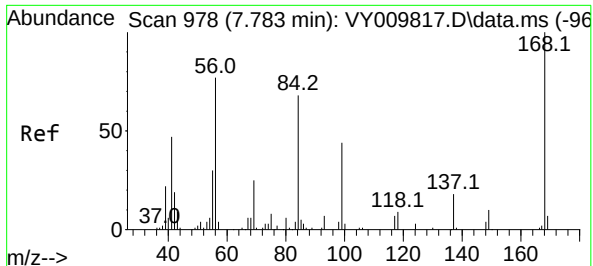
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
Data File : VY009861.D
Acq On : 05 Aug 2022 19:21
Operator : KP/MD
Sample : N4060-02
Misc : 4.75g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

Quant Time: Aug 06 01:21:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration

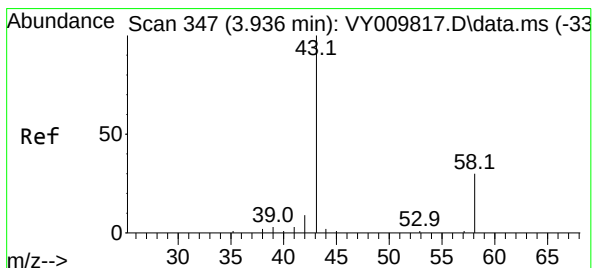
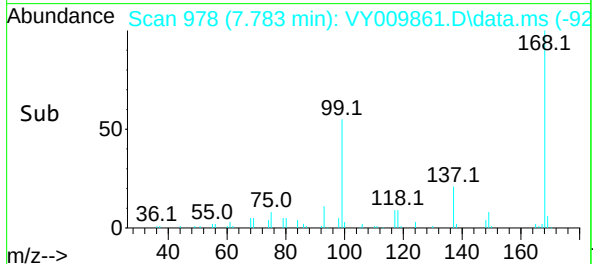
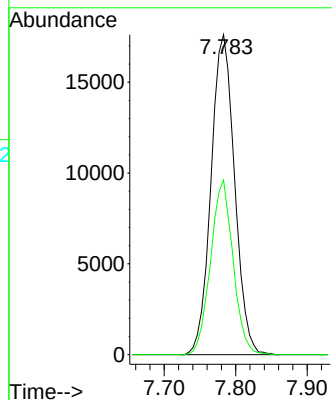
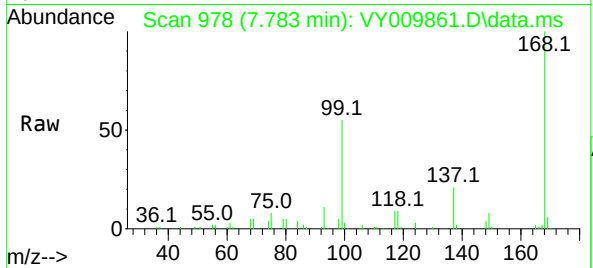




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

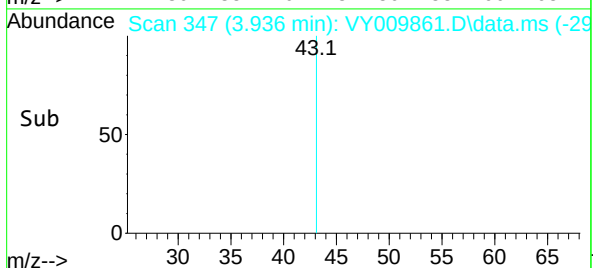
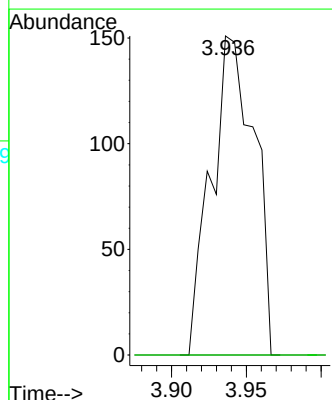
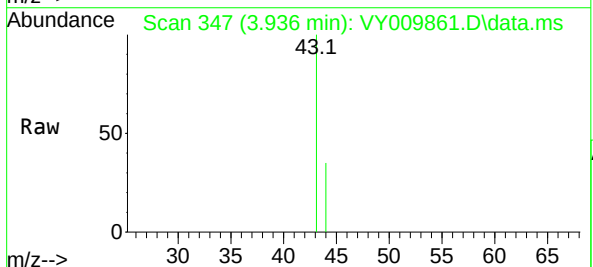
Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

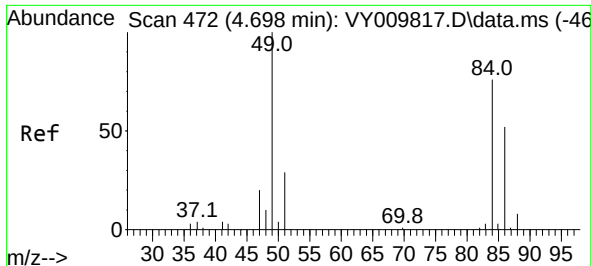
Tgt Ion:168 Resp: 40327
Ion Ratio Lower Upper
168 100
99 54.6 44.7 67.1



#16
Acetone
Concen: 2.646 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Tgt Ion: 43 Resp: 302
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#





#20

Methylene Chloride

Concen: 4.881 ug/l

RT: 4.698 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

JERSEY-CITY-SP

Tgt Ion: 84 Resp: 6344

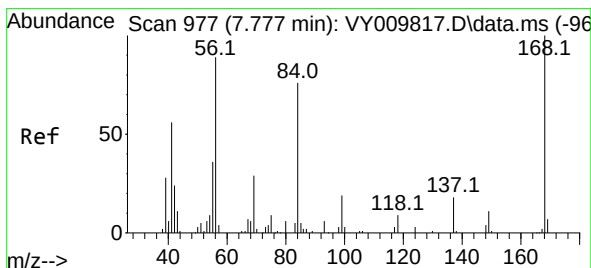
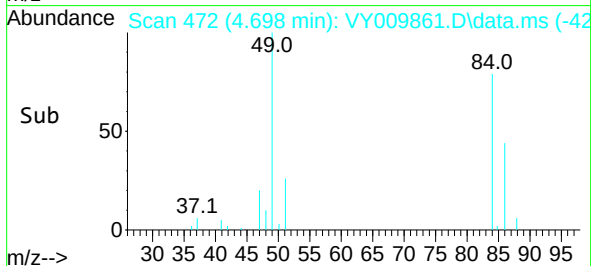
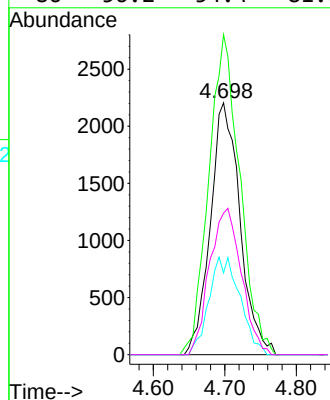
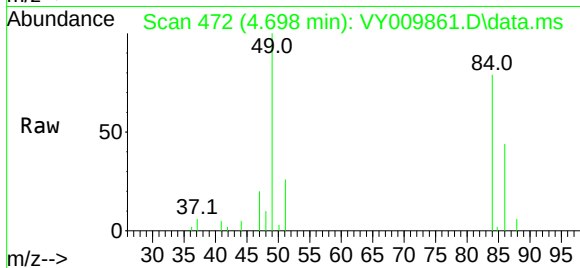
Ion Ratio Lower Upper

84 100

49 127.1 104.6 156.8

51 32.5 30.9 46.3

86 56.2 54.4 81.6



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

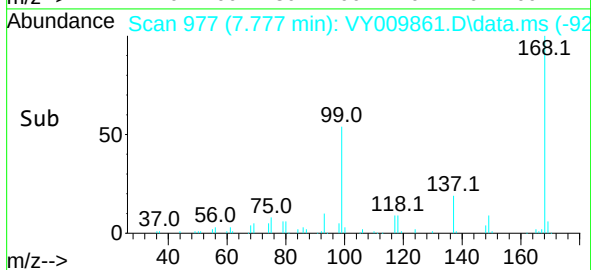
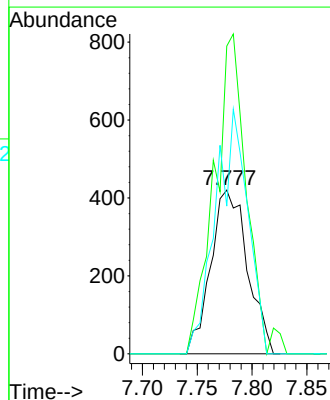
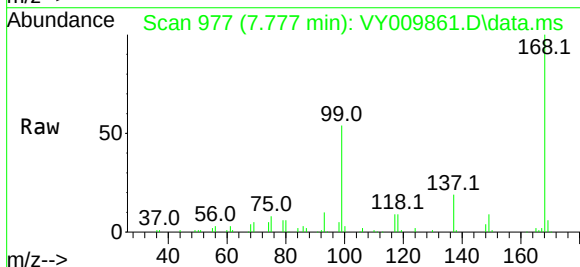
Tgt Ion: 56 Resp: 980

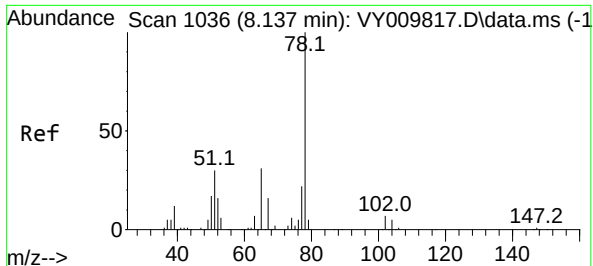
Ion Ratio Lower Upper

56 100

69 188.1 25.8 38.8#

84 90.2 67.9 101.9





#33

1,2-Dichloroethane-d4

Concen: 67.765 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

Instrument :

MSVOA_Y

ClientSampleId :

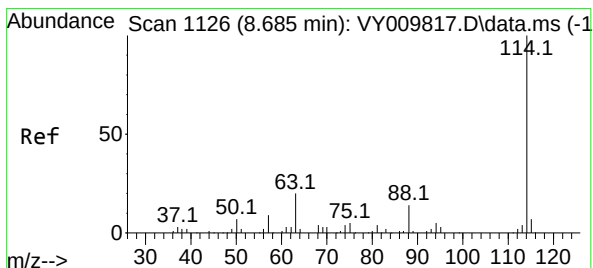
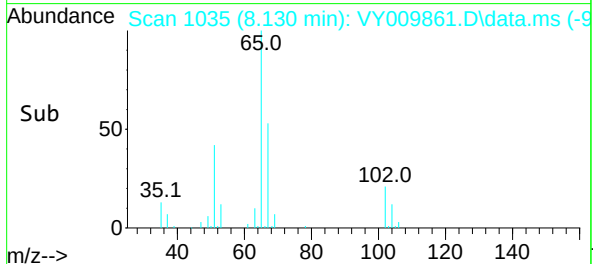
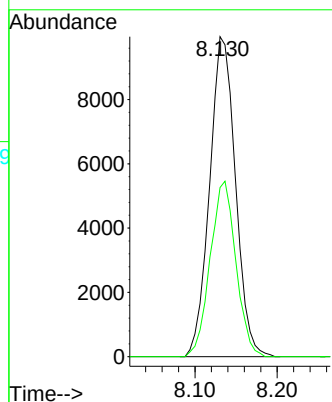
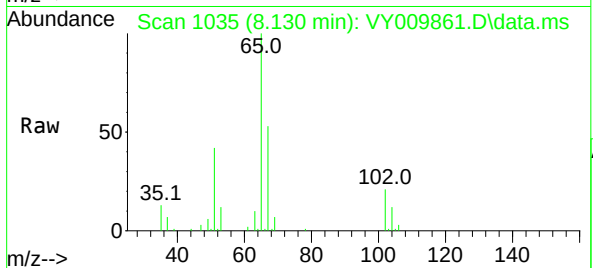
JERSEY-CITY-SP

Tgt Ion: 65 Resp: 21750

Ion Ratio Lower Upper

65 100

67 54.5 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009861.D

Acq: 05 Aug 2022 19:21

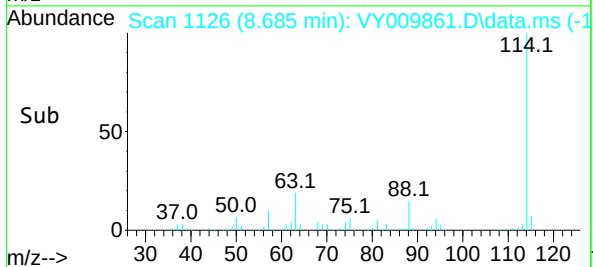
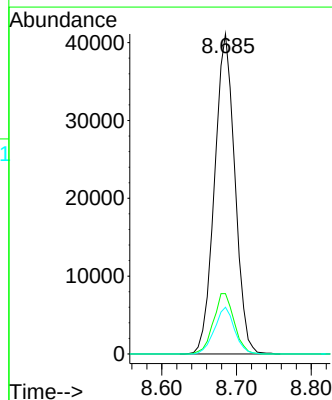
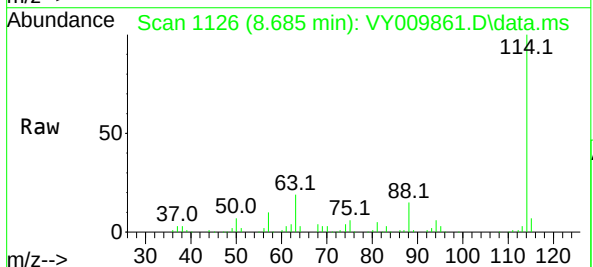
Tgt Ion: 114 Resp: 77608

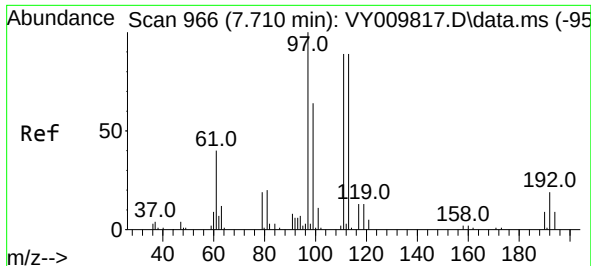
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.2

88 14.6 0.0 27.6

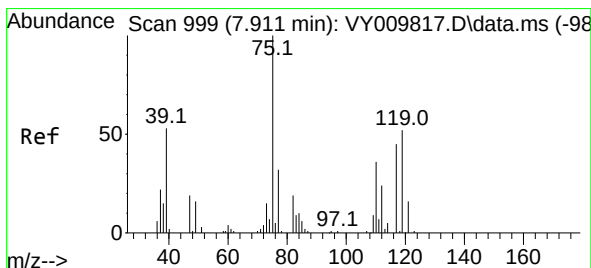
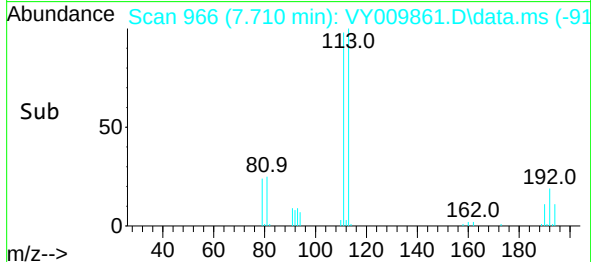
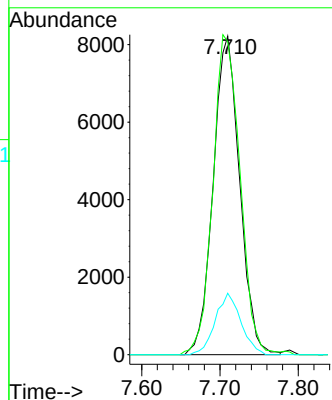
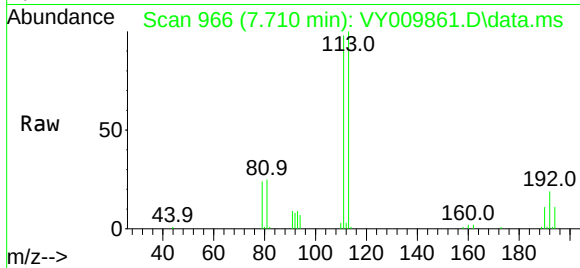




#35
Dibromofluoromethane
Concen: 40.813 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

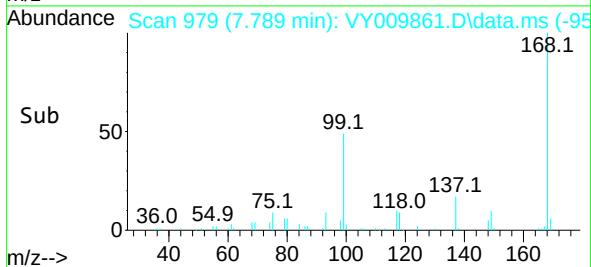
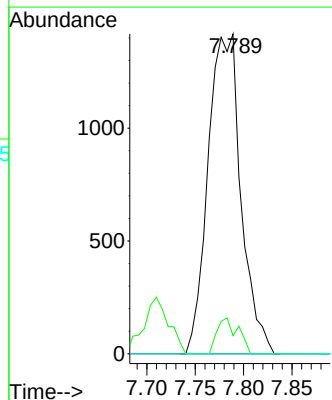
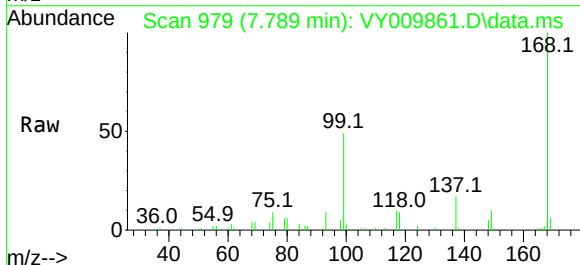
Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

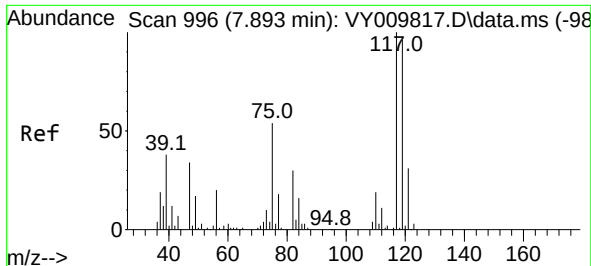
Tgt Ion:113 Resp: 19312
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 18.7 16.5 24.7



#36
1,1-Dichloropropene
Concen: 4.265 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

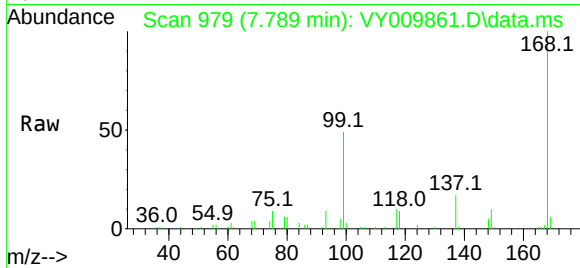
Tgt Ion: 75 Resp: 3348
Ion Ratio Lower Upper
75 100
110 7.1 17.8 53.4#
77 0.0 24.6 36.8#



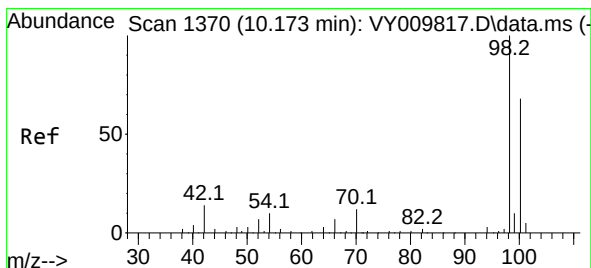
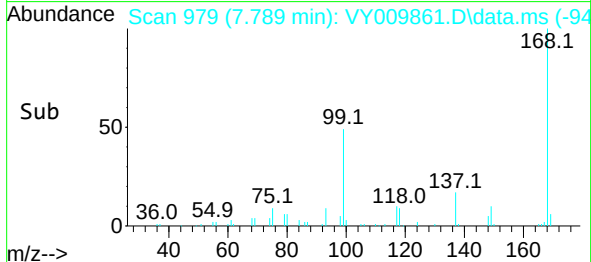
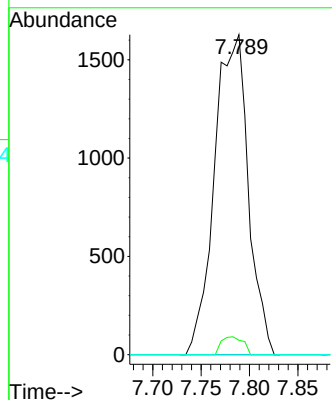


#38
Carbon Tetrachloride
Concen: 4.783 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

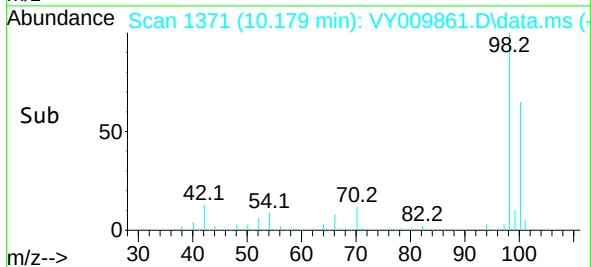
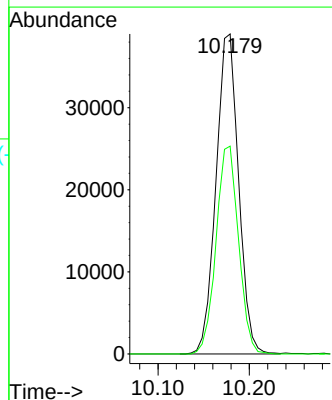
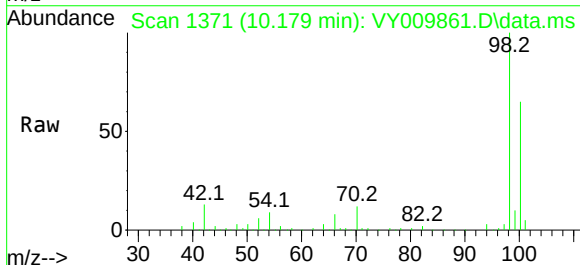


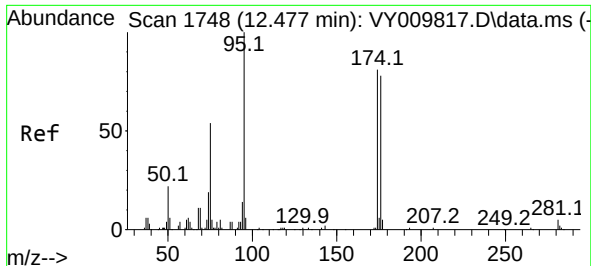
Tgt Ion:117 Resp: 3949
Ion Ratio Lower Upper
117 100
119 4.5 76.8 115.2#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 47.866 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Tgt Ion: 98 Resp: 66904
Ion Ratio Lower Upper
98 100
100 64.6 53.4 80.2

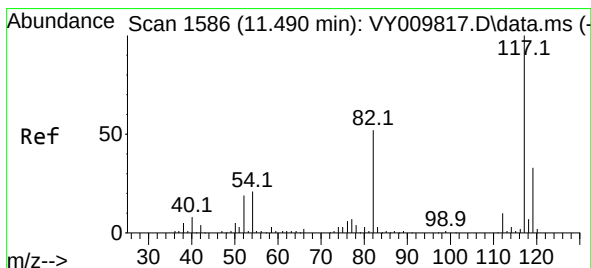
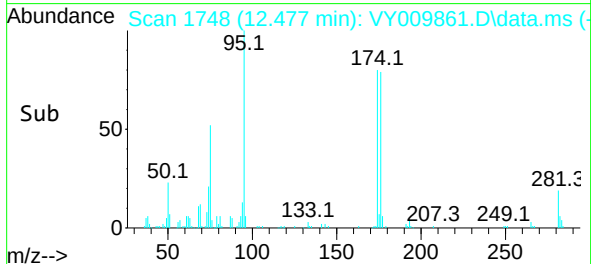
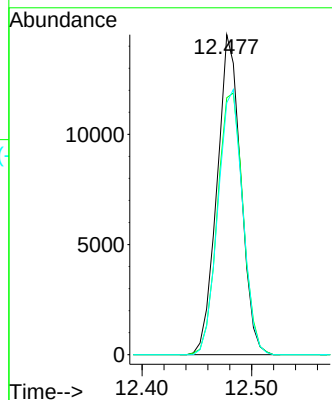
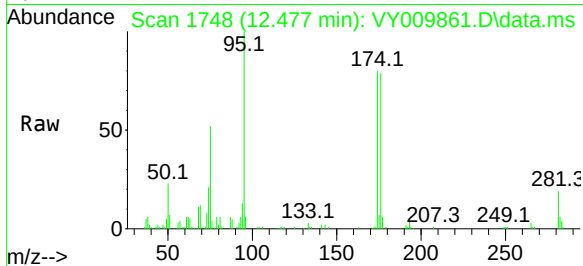




#62
4-Bromofluorobenzene
Concen: 34.129 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

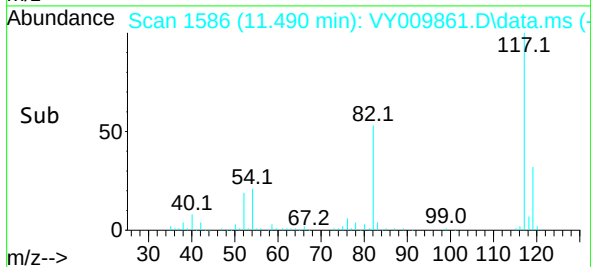
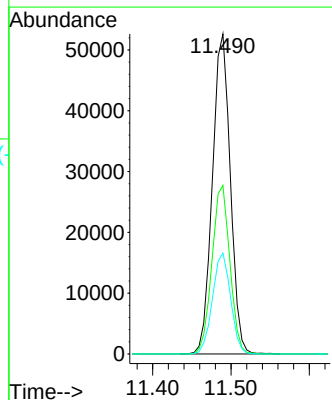
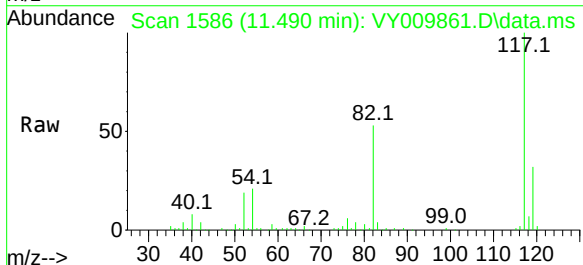
Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

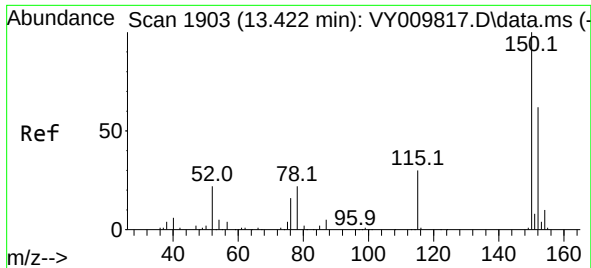
Tgt Ion:	95	Resp:	21868
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	168.6
176	86.2	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Tgt Ion:	117	Resp:	83655
Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.7	62.5
119	31.5	26.6	40.0

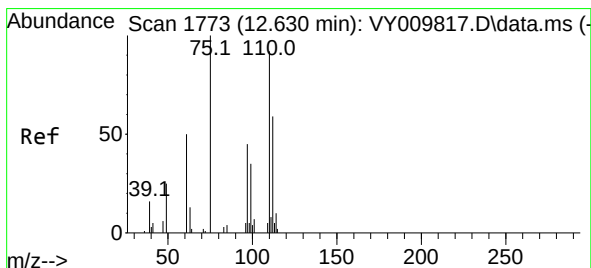
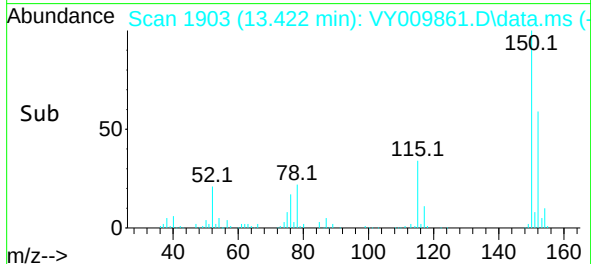
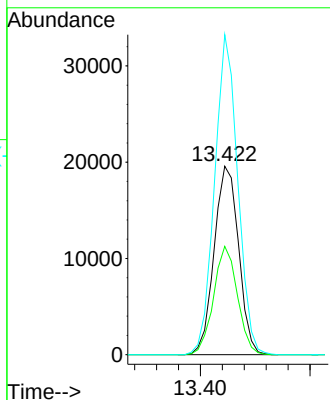
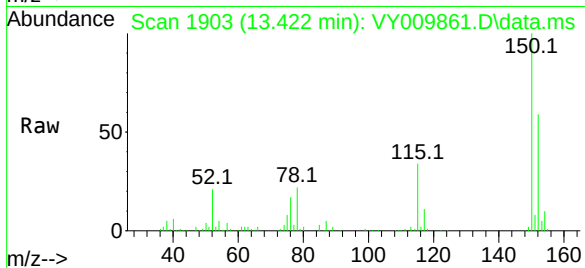




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009861.D
 Acq: 05 Aug 2022 19:21

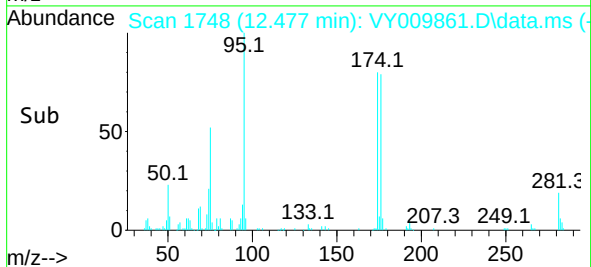
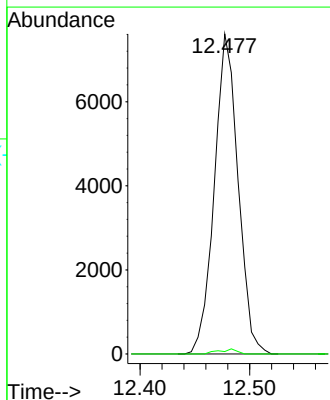
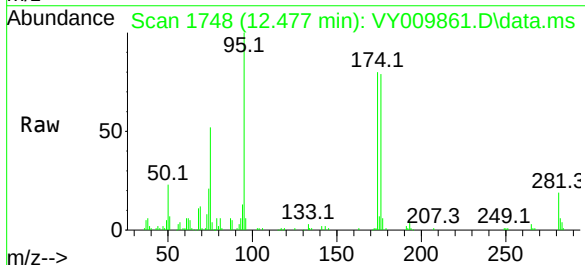
Instrument :
 MSVOA_Y
 ClientSampleId :
 JERSEY-CITY-SP

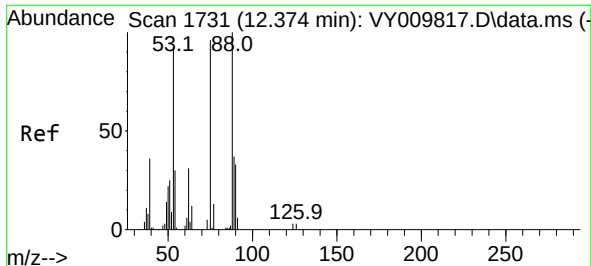
Tgt Ion:152 Resp: 30361
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.9 86.7
 150 160.7 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 32.982 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009861.D
 Acq: 05 Aug 2022 19:21

Tgt Ion: 75 Resp: 11455
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

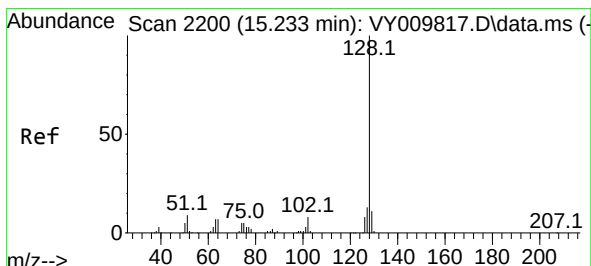
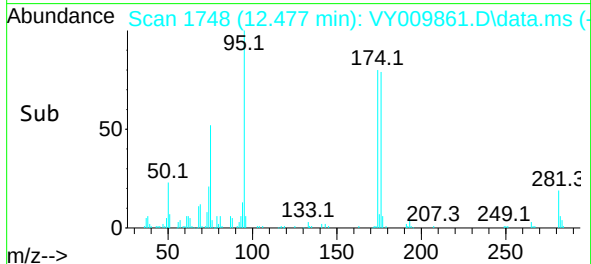
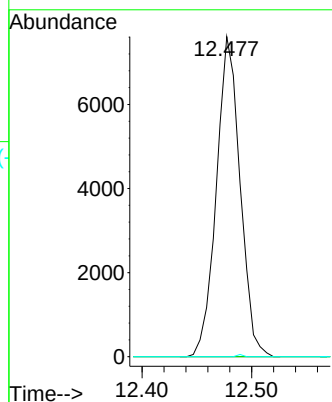
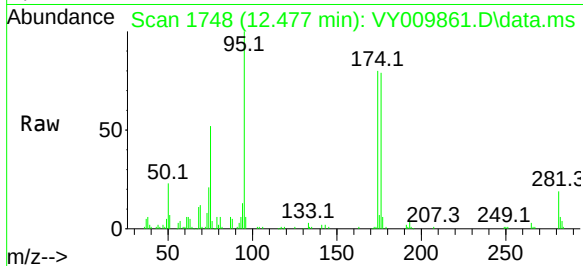




#81
trans-1,4-Dichloro-2-butene
Concen: 70.787 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
JERSEY-CITY-SP

Tgt Ion: 75 Resp: 11455
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 35.3 52.9#



#95
Naphthalene
Concen: 5.671 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009861.D
Acq: 05 Aug 2022 19:21

Tgt Ion: 128 Resp: 339
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

