

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020668.D
 Acq On : 20 Dec 2024 14:10
 Operator : SY/MD
 Sample : P5279-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROCKAWAY-PARK

Quant Time: Dec 20 18:09:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

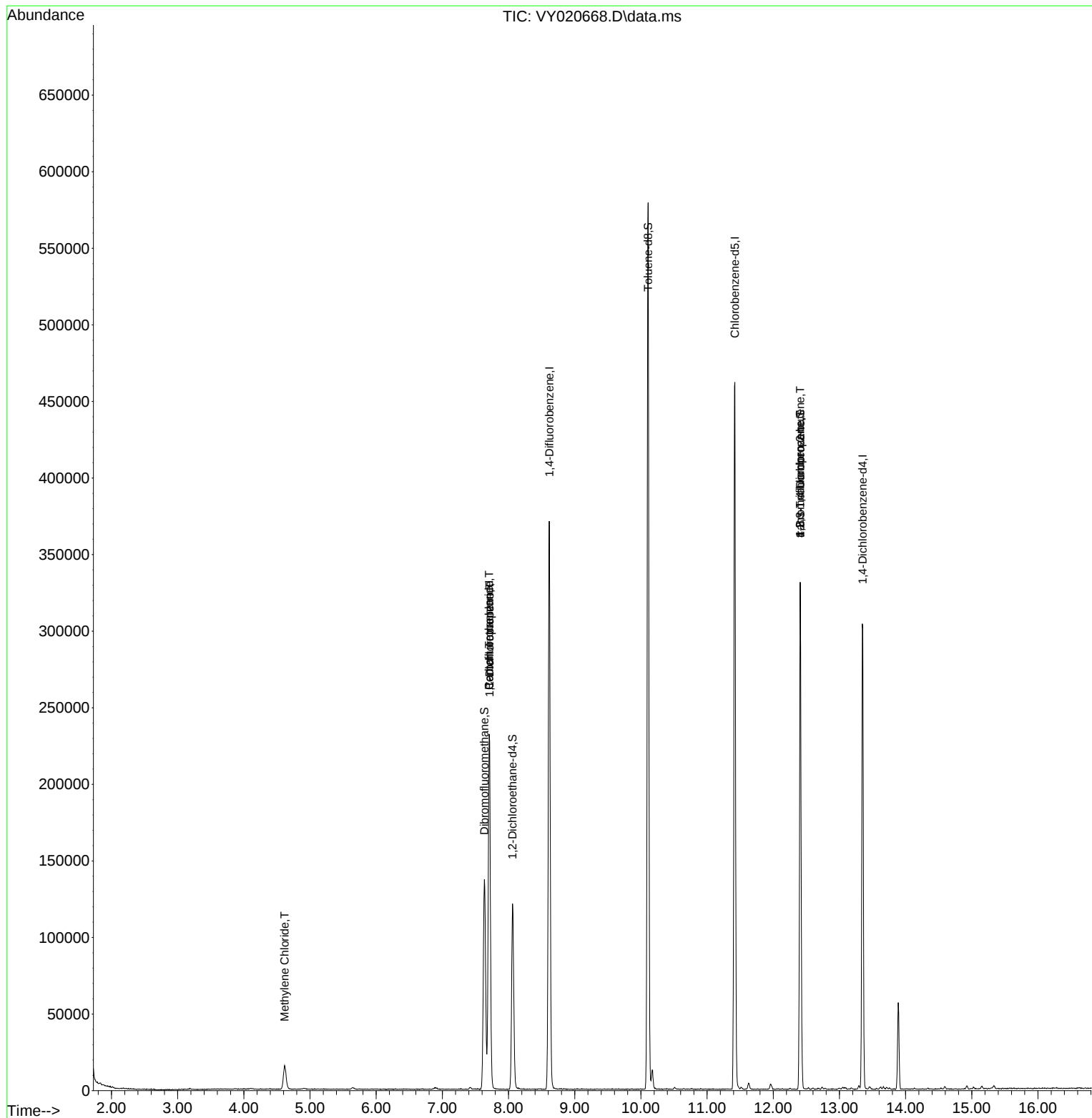
Internal Standards						
1) Pentafluorobenzene	7.707	168	177087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	249829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	79004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	97456	50.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.500%
35) Dibromofluoromethane	7.634	113	98718	44.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.480%
50) Toluene-d8	10.109	98	375972	48.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.408	95	97453	32.257	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	64.520%
Target Compounds						
11) Tert butyl alcohol	4.872	59	80	Below Cal	#	75
16) Acetone	3.879	43	530	Below Cal		92
20) Methylene Chloride	4.616	84	11033	4.575	ug/l	95
30) Chloroform	7.421	83	1236	Below Cal		97
36) 1,1-Dichloropropene	7.713	75	14077	3.499	ug/l #	51
38) Carbon Tetrachloride	7.707	117	18355	4.123	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	52148	63.541	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	52148	133.375	ug/l #	12

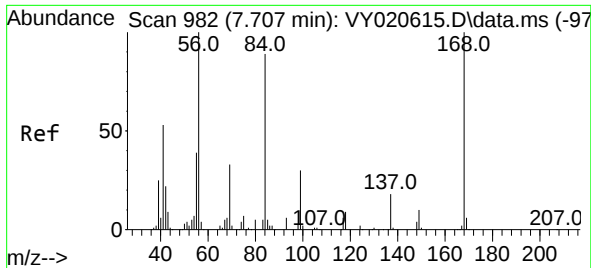
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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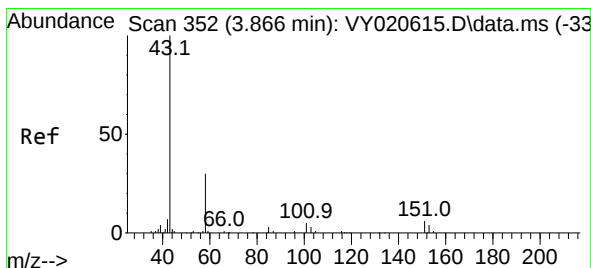
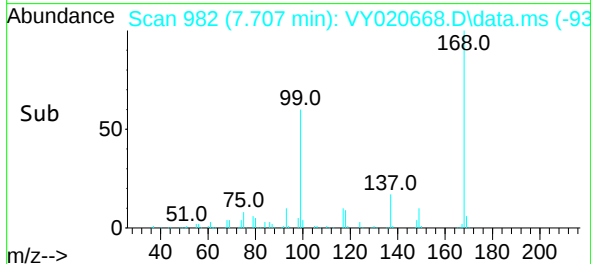
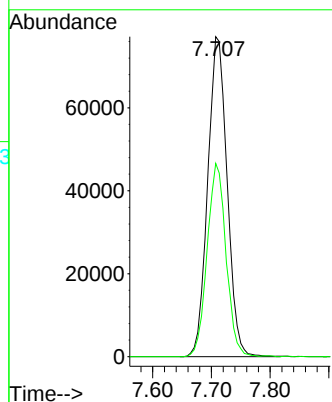
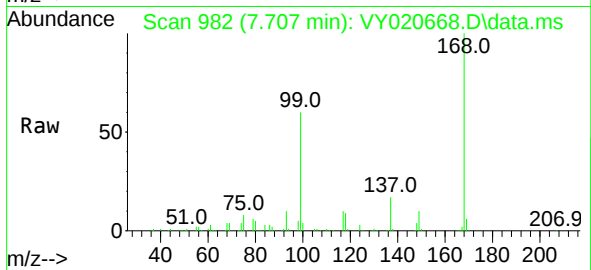




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

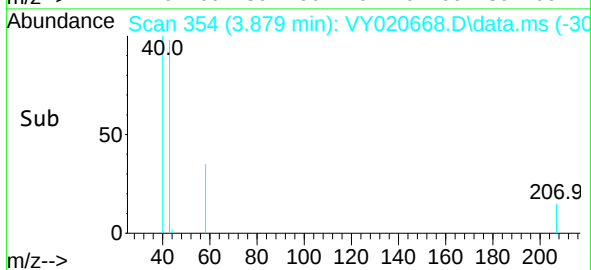
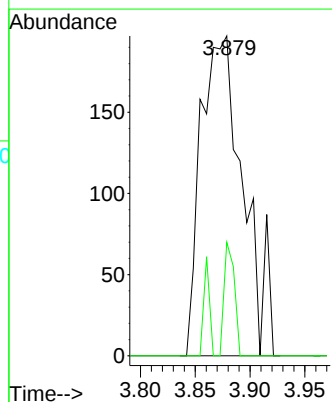
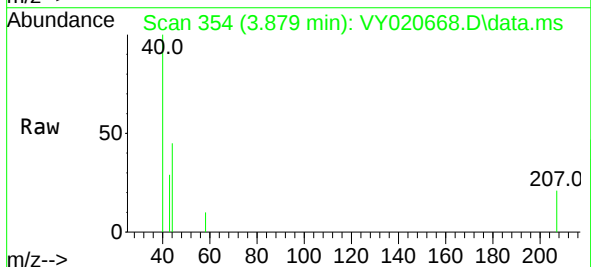
Instrument :
MSVOA_Y
ClientSampleId :
ROCKAWAY-PARK

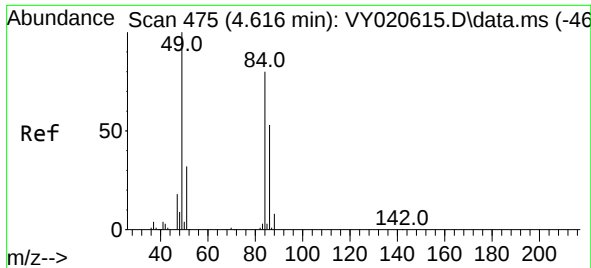
Tgt Ion:168 Resp: 177087
Ion Ratio Lower Upper
168 100
99 60.4 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. 0.013 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 43 Resp: 530
Ion Ratio Lower Upper
43 100
58 35.5 25.0 37.6

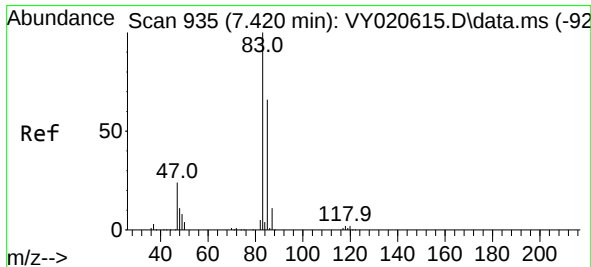
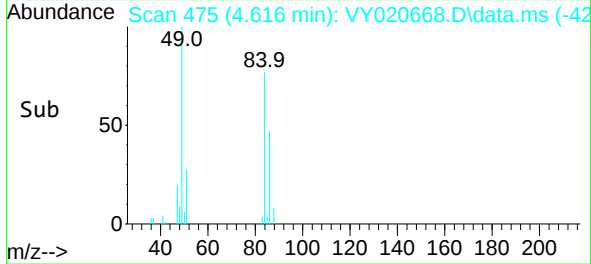
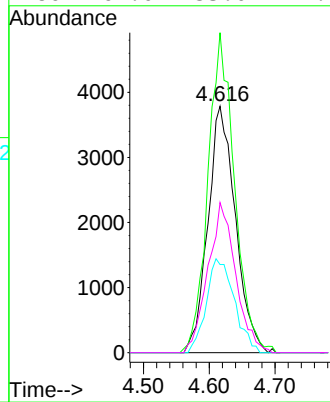
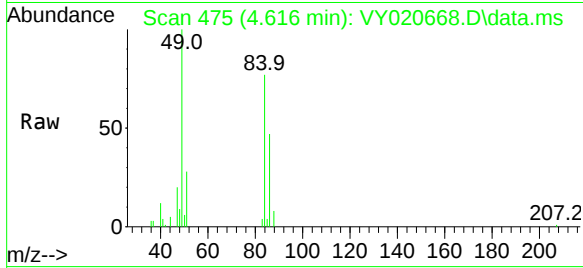




#20
Methylene Chloride
Concen: 4.575 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

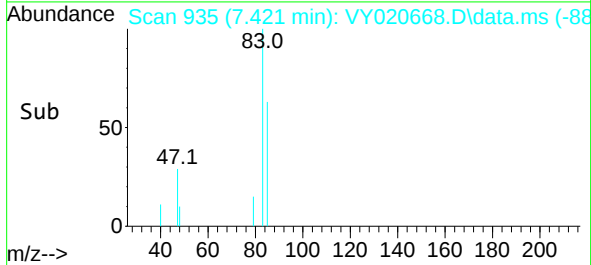
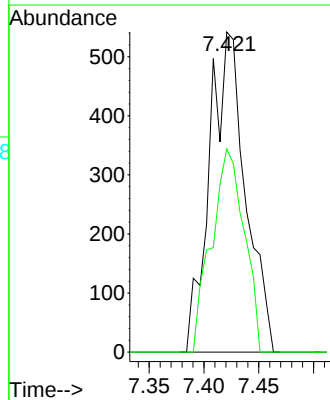
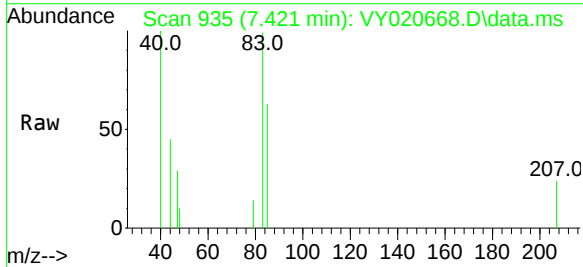
Instrument :
MSVOA_Y
ClientSampleId :
ROCKAWAY-PARK

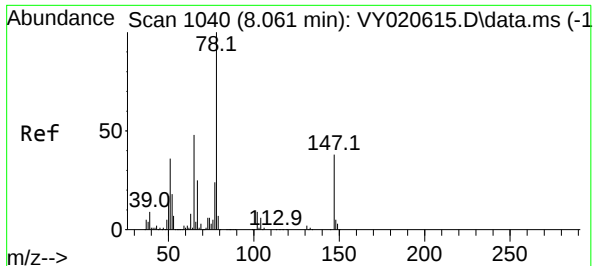
Tgt Ion:	84	Resp:	11033
Ion	Ratio	Lower	Upper
84	100		
49	129.9	100.7	151.1
51	35.8	32.2	48.2
86	61.0	53.0	79.6



#30
Chloroform
Concen: Below Cal
RT: 7.421 min Scan# 935
Delta R.T. 0.001 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

Tgt Ion:	83	Resp:	1236
Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.7	79.1





#33

1,2-Dichloroethane-d4

Concen: 50.249 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020668.D

Acq: 20 Dec 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

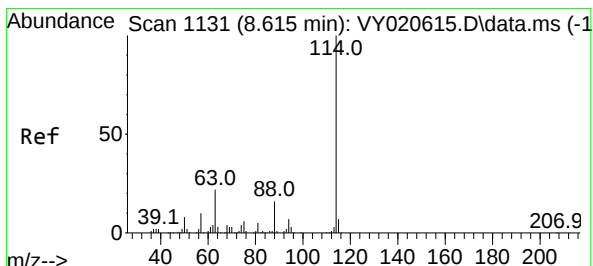
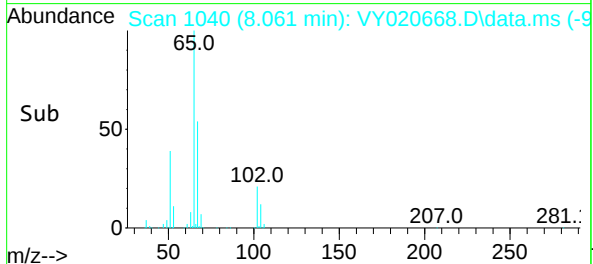
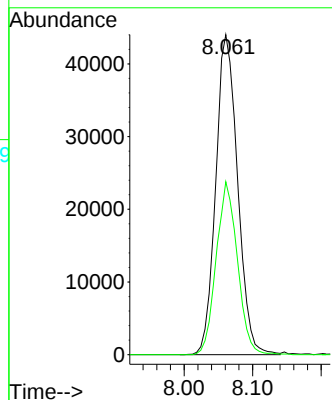
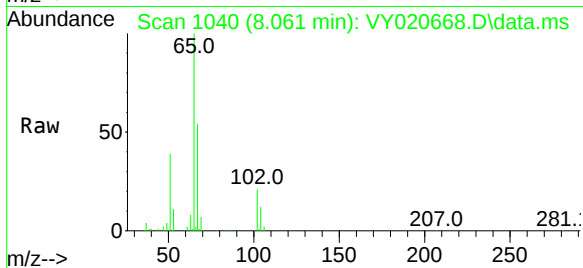
ROCKAWAY-PARK

Tgt Ion: 65 Resp: 97456

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020668.D

Acq: 20 Dec 2024 14:10

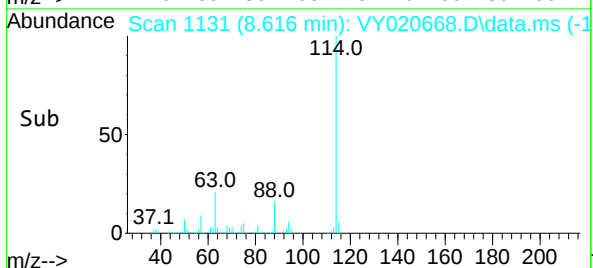
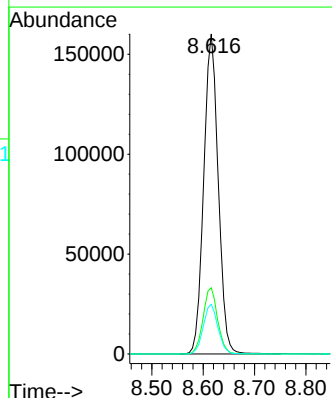
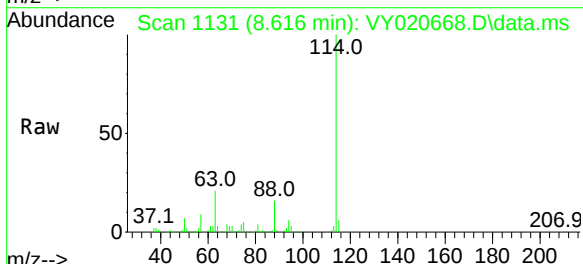
Tgt Ion: 114 Resp: 313093

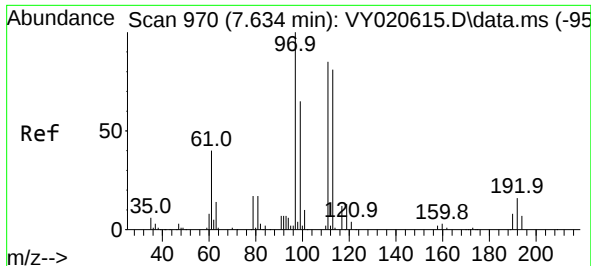
Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.0

88 15.5 0.0 32.8

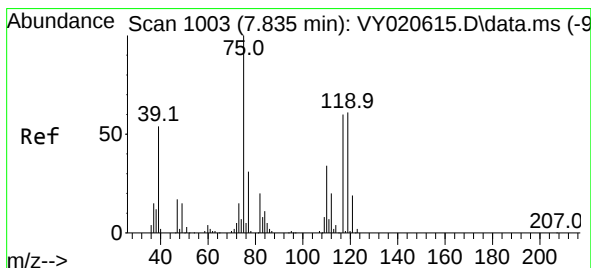
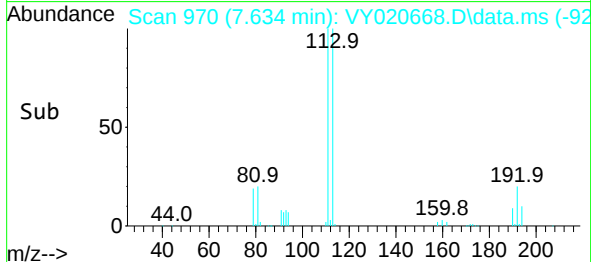
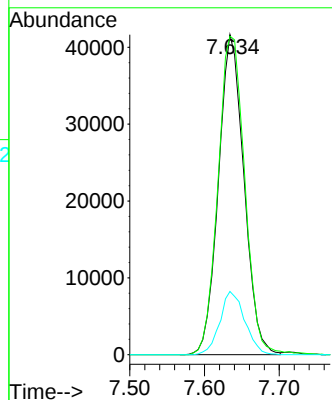
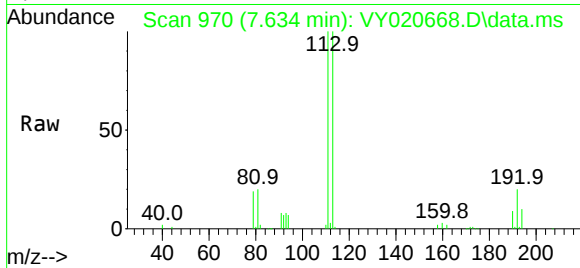




#35
Dibromofluoromethane
Concen: 44.738 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

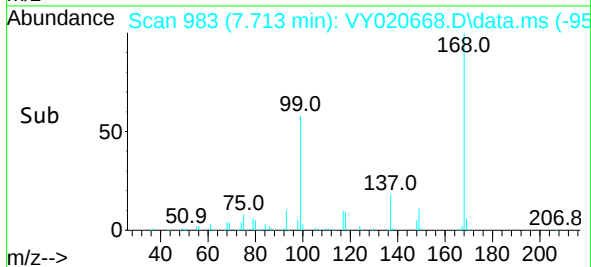
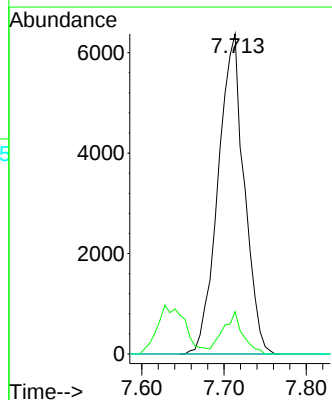
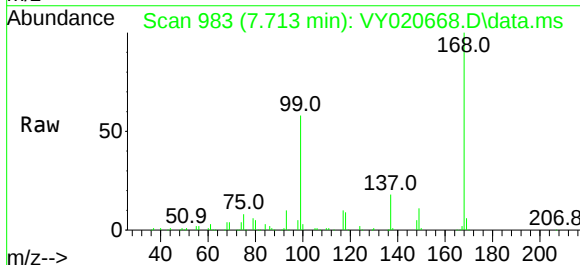
Instrument :
MSVOA_Y
ClientSampleId :
ROCKAWAY-PARK

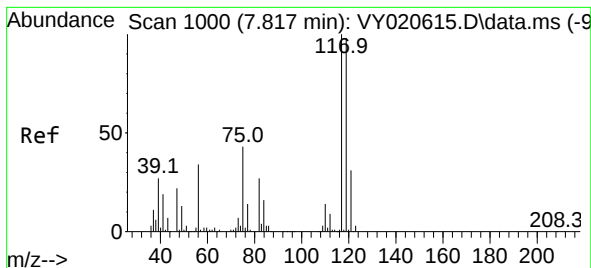
Tgt Ion:113 Resp: 98718
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 19.4 15.7 23.5



#36
1,1-Dichloropropene
Concen: 3.499 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 75 Resp: 14077
Ion Ratio Lower Upper
75 100
110 9.9 16.8 50.4#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 4.123 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY020668.D

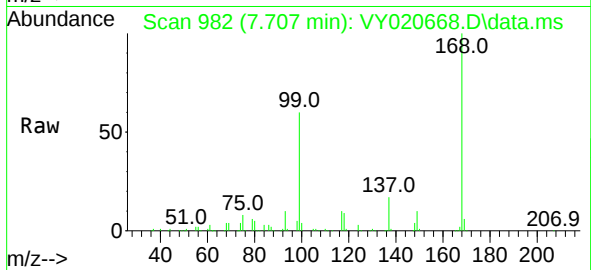
Acq: 20 Dec 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

ROCKAWAY-PARK



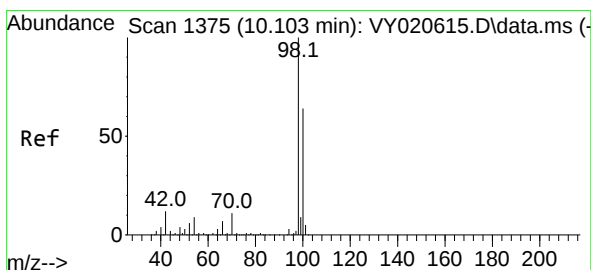
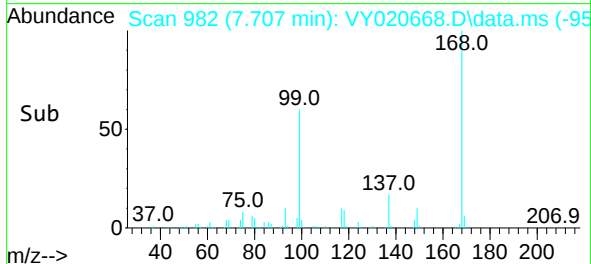
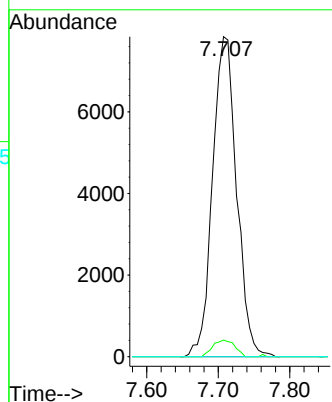
Tgt Ion:117 Resp: 18355

Ion Ratio Lower Upper

117 100

119 5.2 78.3 117.5#

121 0.0 25.1 37.7#



#50

Toluene-d8

Concen: 48.679 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY020668.D

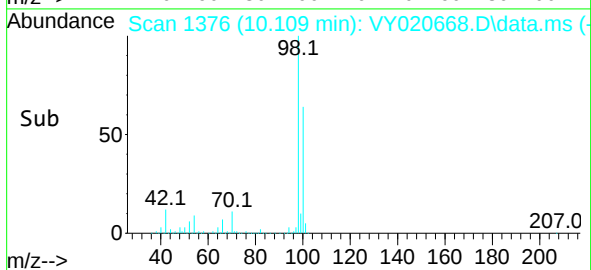
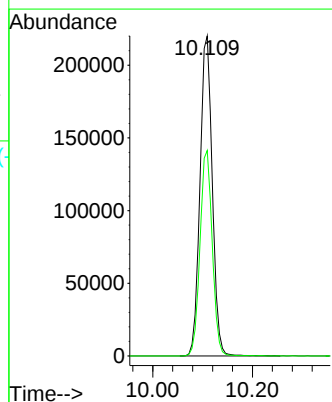
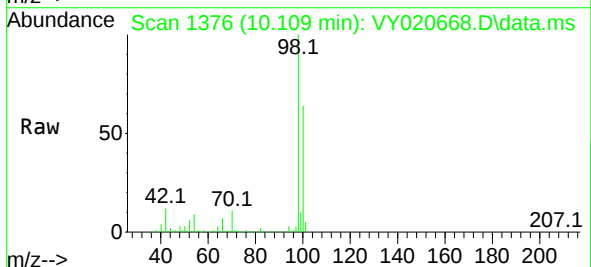
Acq: 20 Dec 2024 14:10

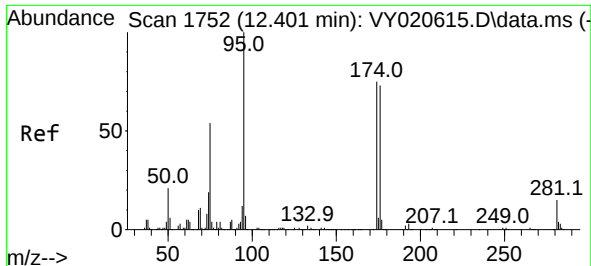
Tgt Ion: 98 Resp: 375972

Ion Ratio Lower Upper

98 100

100 64.2 52.1 78.1

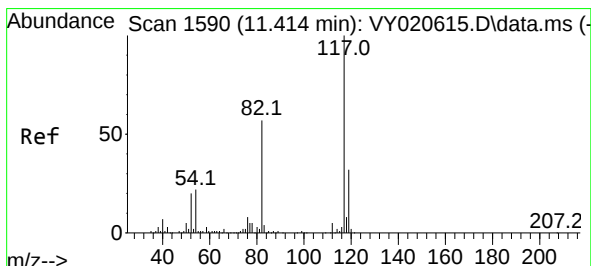
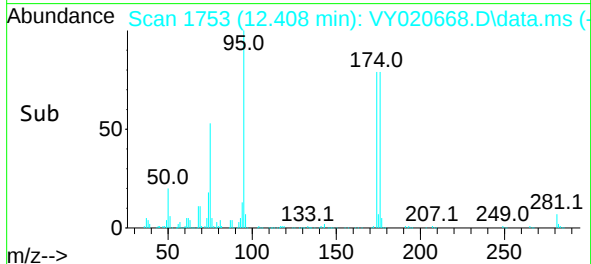
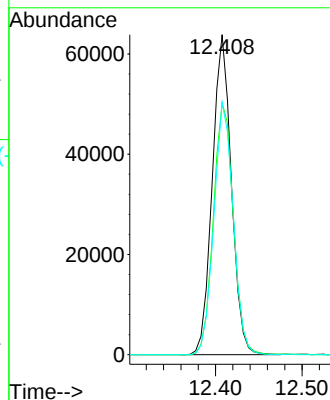
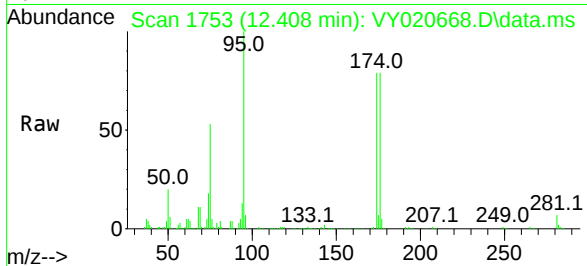




#62
4-Bromofluorobenzene
Concen: 32.257 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

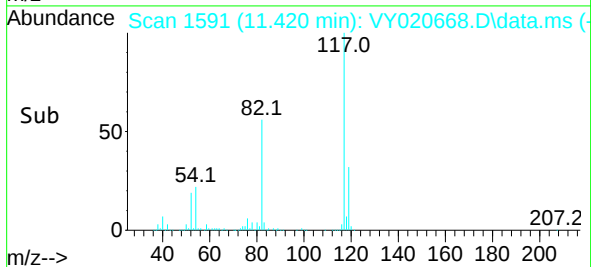
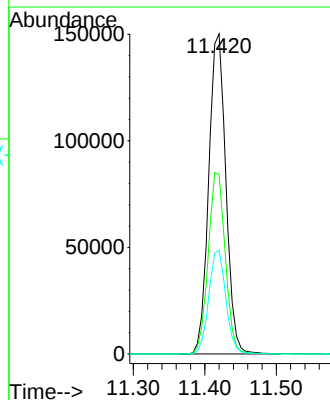
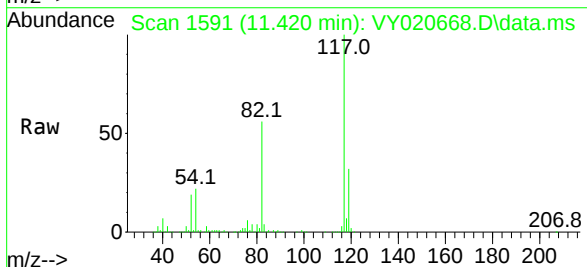
Instrument :
MSVOA_Y
ClientSampleId :
ROCKAWAY-PARK

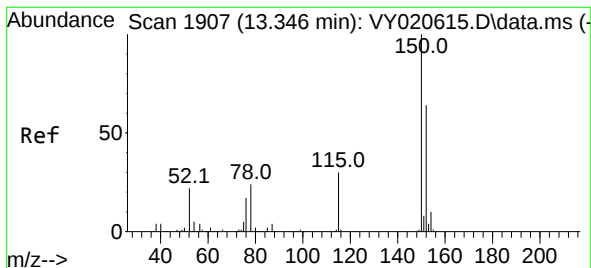
Tgt Ion:	95	Resp:	97453
Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	161.8
176	80.0	0.0	156.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

Tgt Ion:	117	Resp:	249829
Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.8	68.6
119	32.4	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY020668.D

Acq: 20 Dec 2024 14:10

Instrument :

MSVOA_Y

ClientSampleId :

ROCKAWAY-PARK

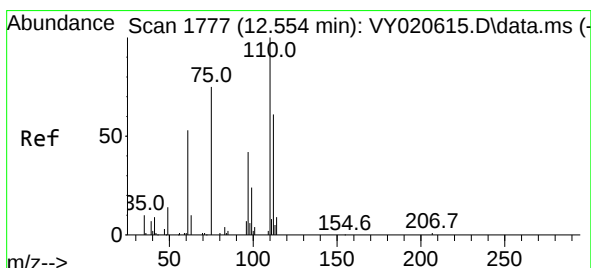
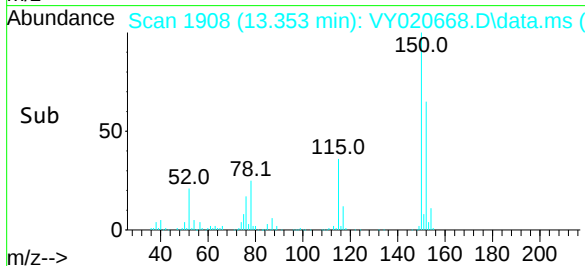
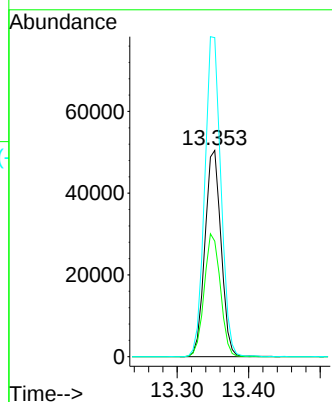
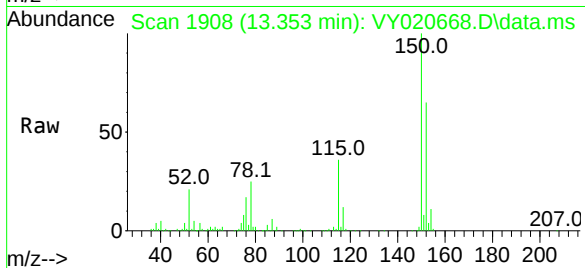
Tgt Ion:152 Resp: 79004

Ion Ratio Lower Upper

152 100

115 59.6 30.2 90.6

150 155.8 0.0 355.4



#76

1,2,3-Trichloropropane

Concen: 63.541 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020668.D

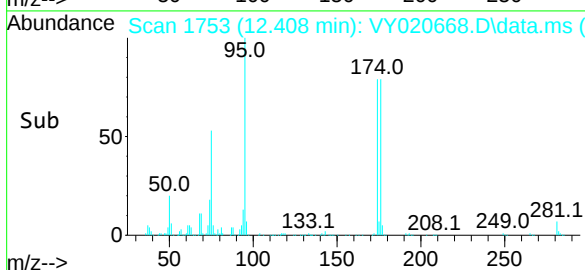
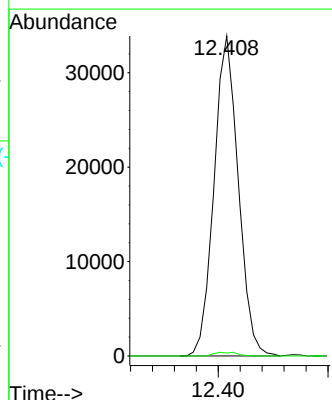
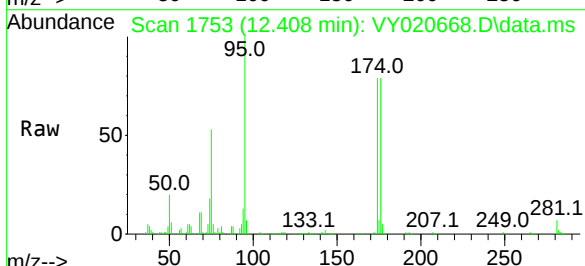
Acq: 20 Dec 2024 14:10

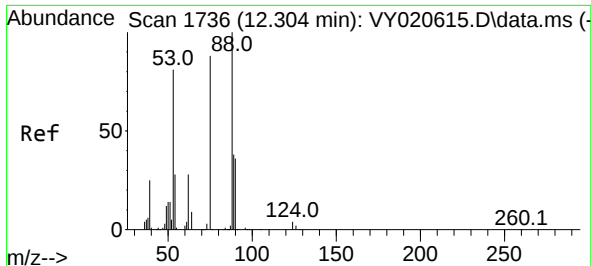
Tgt Ion: 75 Resp: 52148

Ion Ratio Lower Upper

75 100

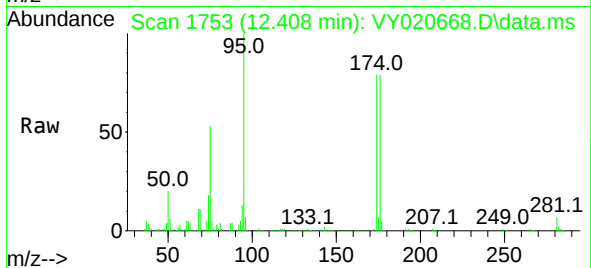
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.375 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020668.D
Acq: 20 Dec 2024 14:10

Instrument :
MSVOA_Y
ClientSampleId :
ROCKAWAY-PARK



Tgt Ion:	75	Resp:	52148
Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.2#
89	0.1	37.0	55.4#

