

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037346.D
 Acq On : 29 Aug 2023 16:53
 Operator : JC/MD
 Sample : 04151-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EQ-TANK-DNMPL

Quant Time: Aug 30 02:08:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	132669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82241	42.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.000%
35) Dibromofluoromethane	5.385	113	67159	46.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	256276	48.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.440%
62) 4-Bromofluorobenzene	11.079	95	94457	45.690	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%

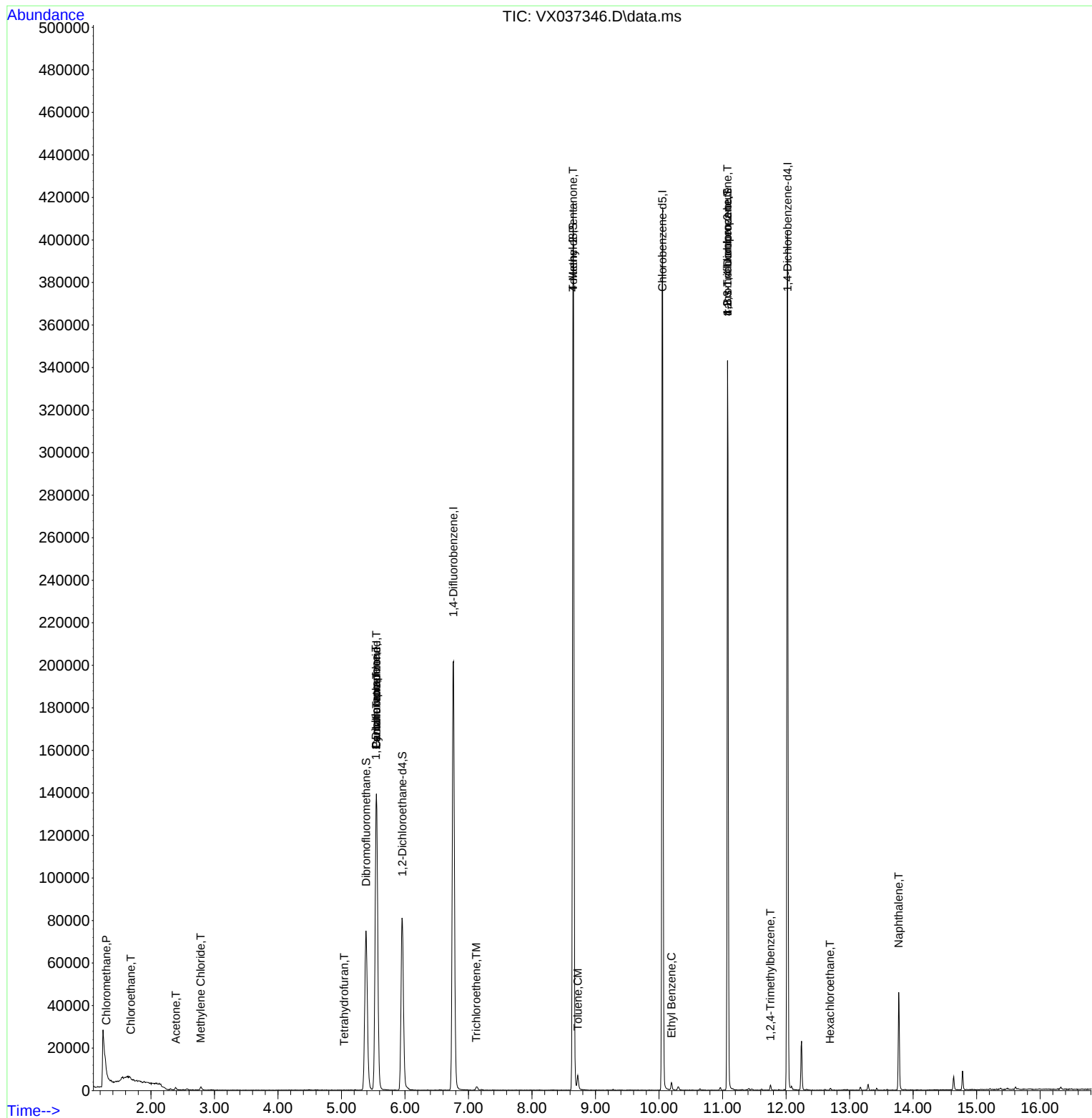
Target Compounds						Qvalue
3) Chloromethane	1.295	50	551	0.409	ug/l #	75
6) Chloroethane	1.685	64	1895	2.194	ug/l #	50
16) Acetone	2.392	43	1281	1.712	ug/l #	75
20) Methylene Chloride	2.782	84	993	0.593	ug/l #	72
29) Tetrahydrofuran	5.044	42	156	0.217	ug/l #	34
31) Cyclohexane	5.550	56	2558	1.189	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10588	5.139	ug/l #	52
38) Carbon Tetrachloride	5.550	117	14272	6.377	ug/l #	14
44) Trichloroethene	7.123	130	811	0.484	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	978	0.482	ug/l #	1
52) Toluene	8.720	92	2706	0.693	ug/l	96
67) Ethyl Benzene	10.195	91	2531	0.345	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	46403	24.923	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46403	69.611	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1328	0.248	ug/l	84
90) Hexachloroethane	12.695	117	711	0.838	ug/l #	17
95) Naphthalene	13.774	128	29830	4.091	ug/l	99

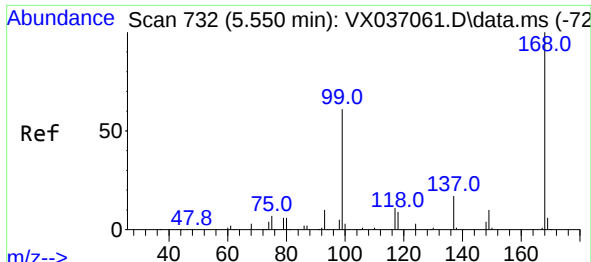
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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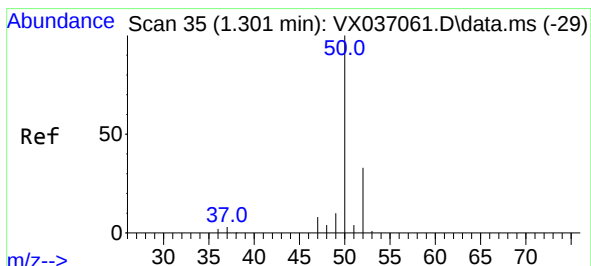
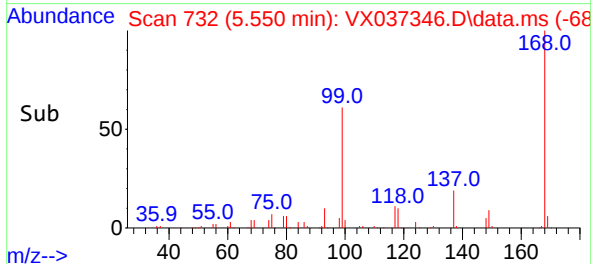
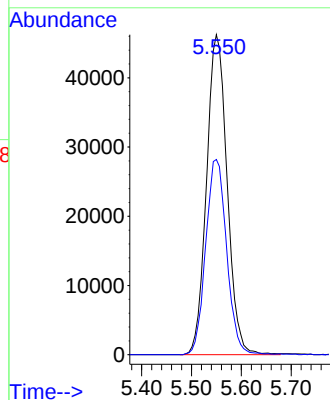
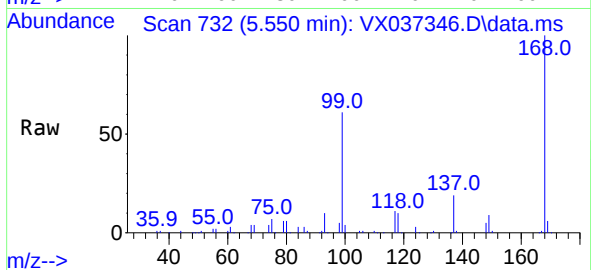




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

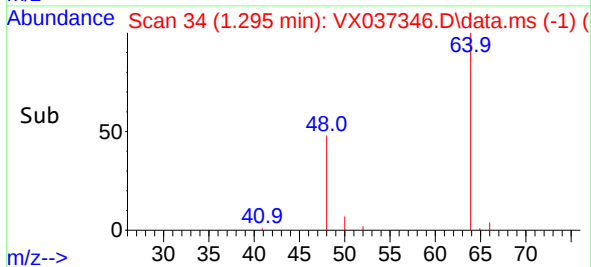
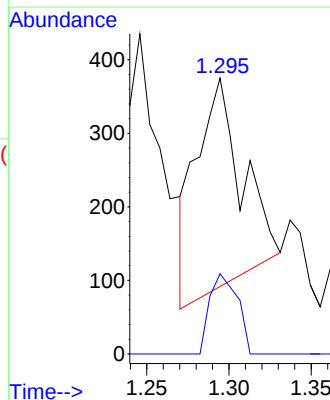
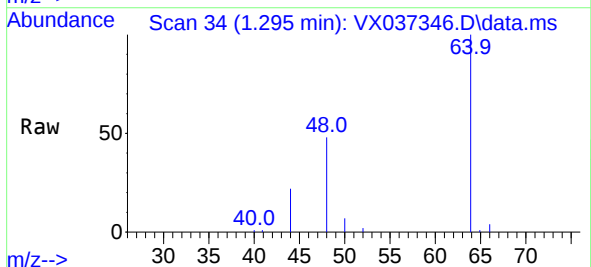
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

Tgt Ion:168 Resp: 132669
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0

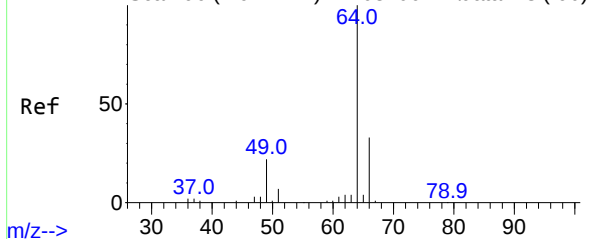


#3
Chloromethane
Concen: 0.409 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 46.0 25.5 38.3#



Abundance Scan 96 (1.672 min): VX037061.D\data.ms (-90)

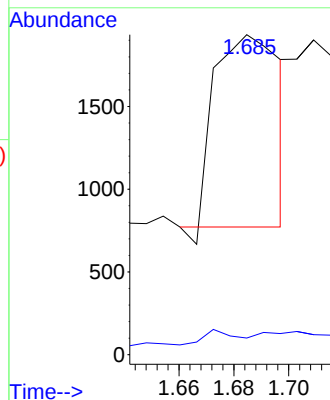
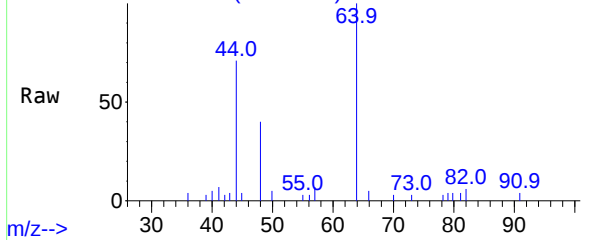


#6
Chloroethane
Concen: 2.194 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.013 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

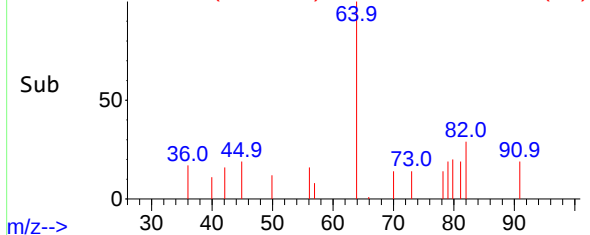
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

Tgt Ion: 64 Resp: 1895
Ion Ratio Lower Upper
64 100
66 3.6 25.1 37.7#

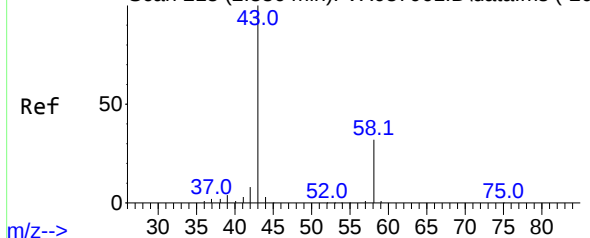
Abundance Scan 98 (1.685 min): VX037346.D\data.ms



Abundance Scan 98 (1.685 min): VX037346.D\data.ms (-47)



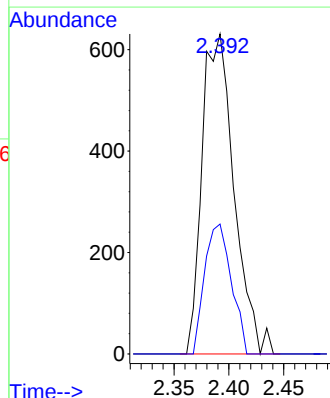
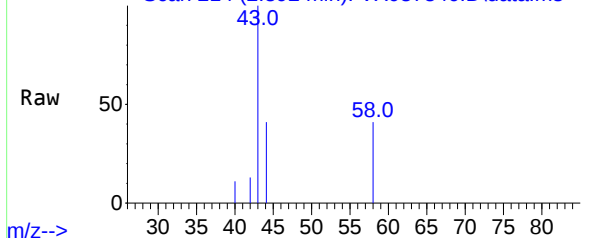
Abundance Scan 213 (2.386 min): VX037061.D\data.ms (-20)



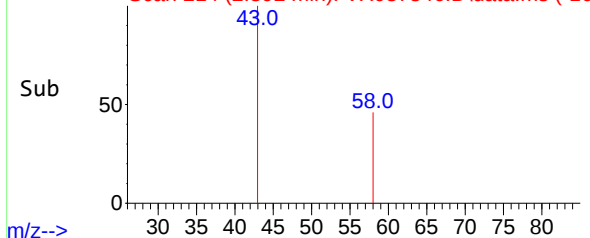
#16
Acetone
Concen: 1.712 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

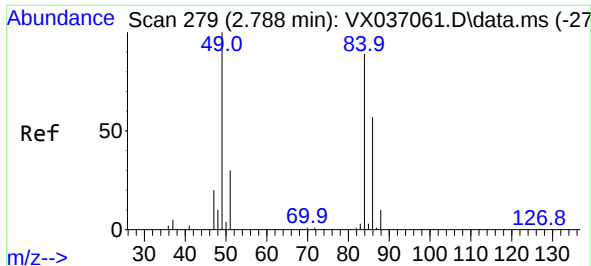
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 40.6 21.9 32.9#

Abundance Scan 214 (2.392 min): VX037346.D\data.ms



Abundance Scan 214 (2.392 min): VX037346.D\data.ms (-16)





#20

Methylene Chloride

Concen: 0.593 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX037346.D

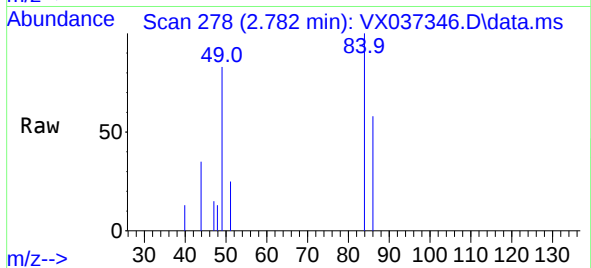
Acq: 29 Aug 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

EQ-TANK-DNMPL



Tgt Ion: 84 Resp: 993

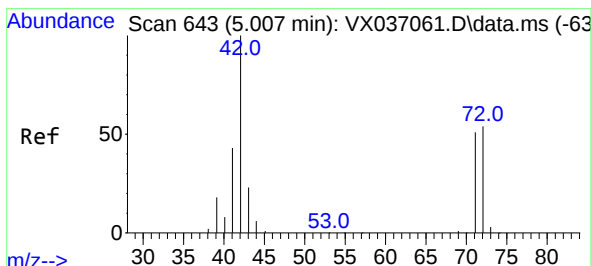
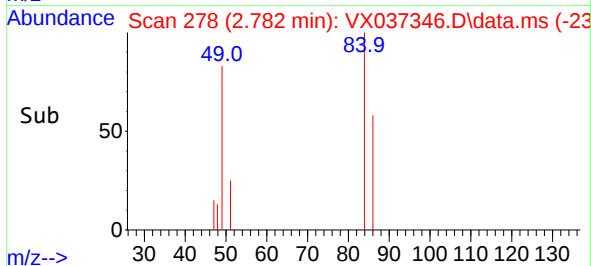
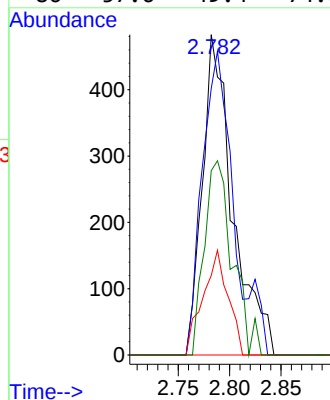
Ion	Ratio	Lower	Upper
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84	100		
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49	83.2	103.6	155.4#
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51	24.8	33.8	50.6#
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86	57.6	49.4	74.0
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#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.037 min

Lab File: VX037346.D

Acq: 29 Aug 2023 16:53

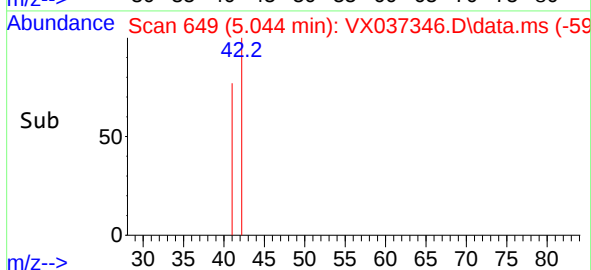
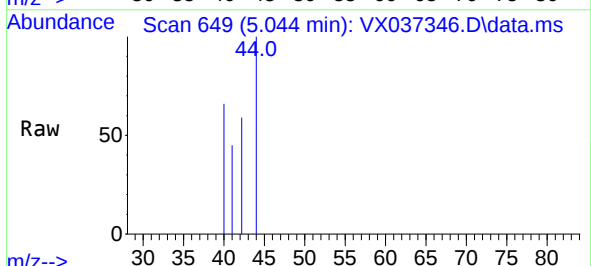
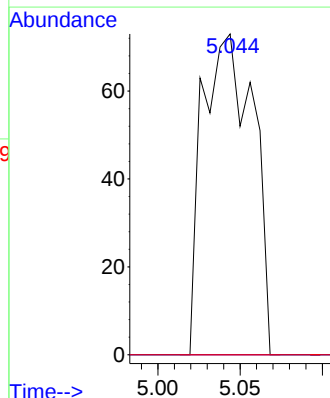
Tgt Ion: 42 Resp: 156

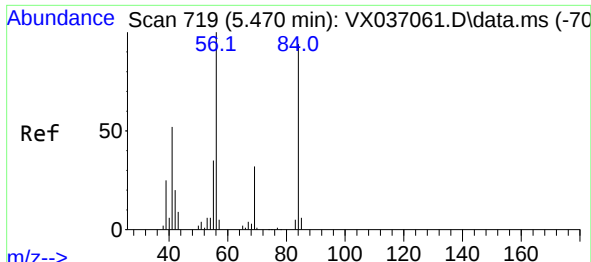
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

42	100		
----	-----	--	--

72	0.0	34.2	51.4#
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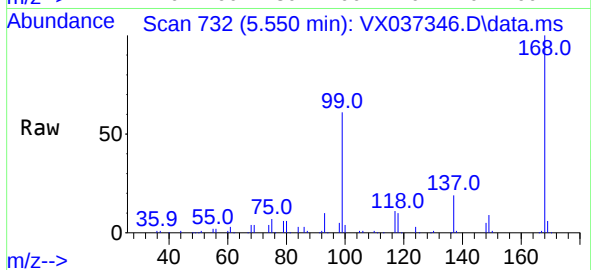
71	0.0	32.2	48.2#
----	-----	------	-------



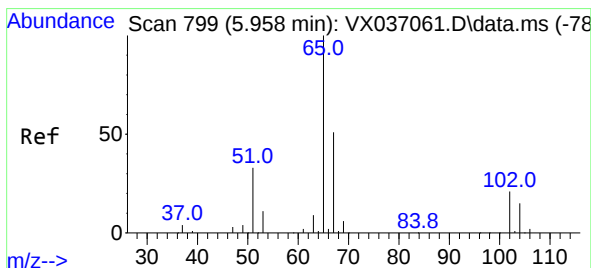
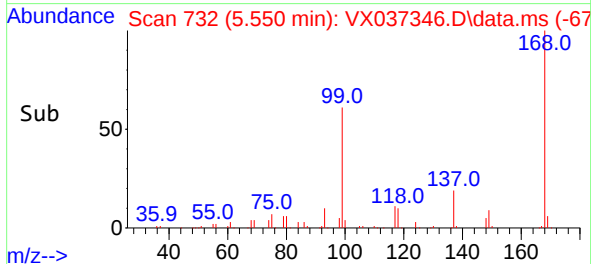
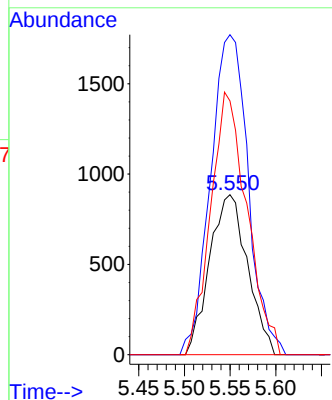


#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

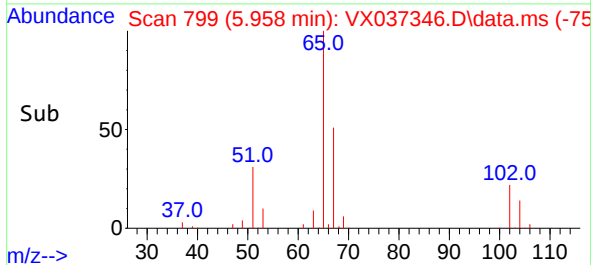
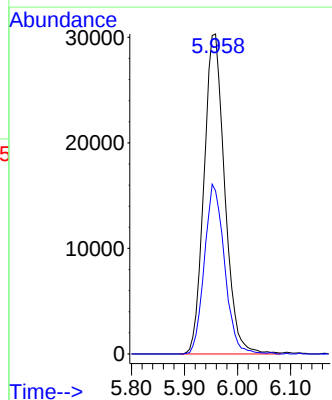
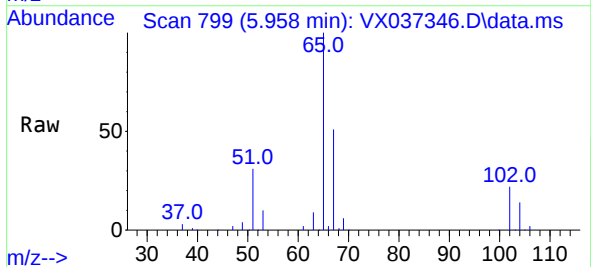


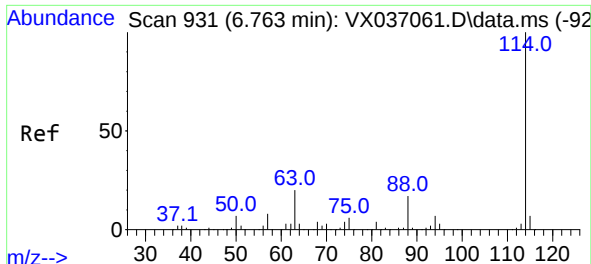
Tgt Ion: 56 Resp: 2558
Ion Ratio Lower Upper
56 100
69 200.0 23.4 35.2#
84 158.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.998 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Tgt Ion: 65 Resp: 82241
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

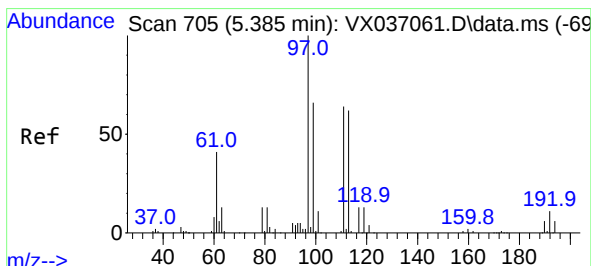
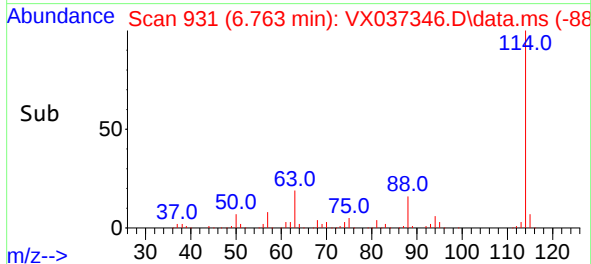
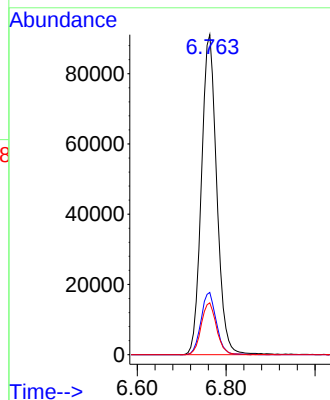
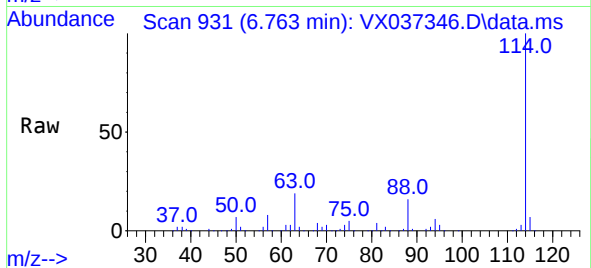




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

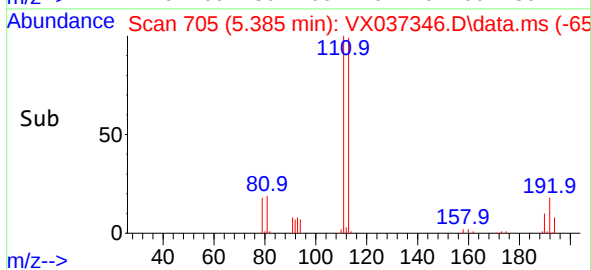
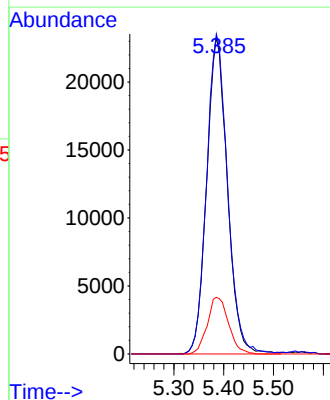
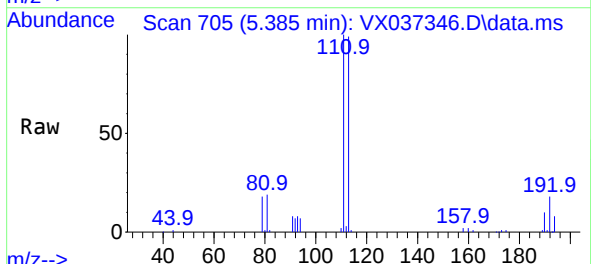
Instrument :
MSVOA_X
ClientSampleId :
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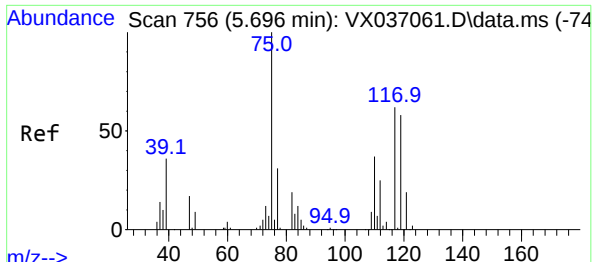
Tgt Ion:114 Resp: 218982
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.308 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Tgt Ion:113 Resp: 67159
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.139 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX037346.D

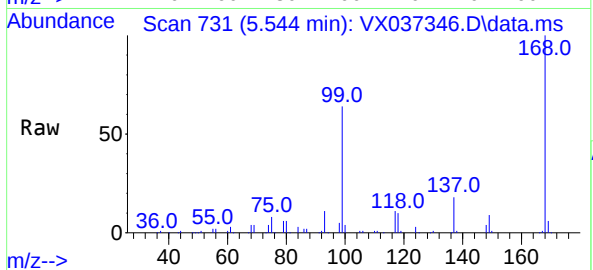
Acq: 29 Aug 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

EQ-TANK-DNMPL



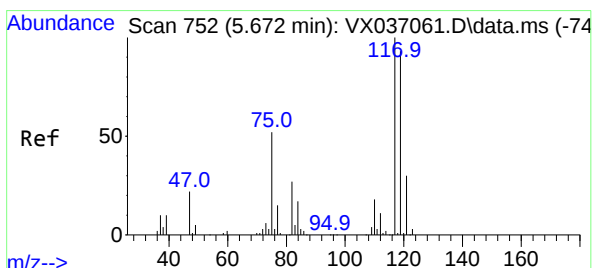
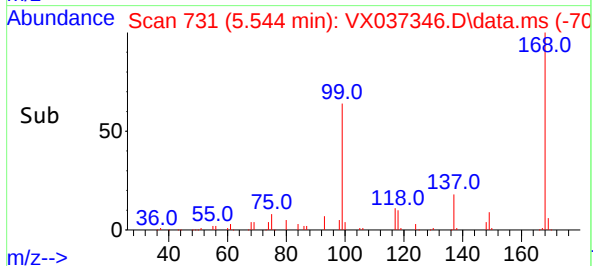
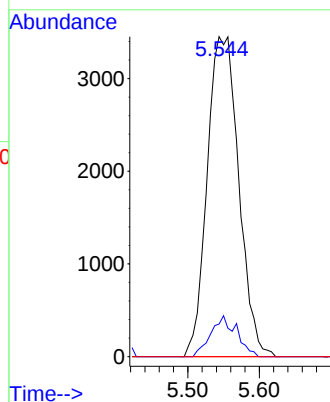
Tgt Ion: 75 Resp: 10588

Ion Ratio Lower Upper

75 100

110 10.4 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.377 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX037346.D

Acq: 29 Aug 2023 16:53

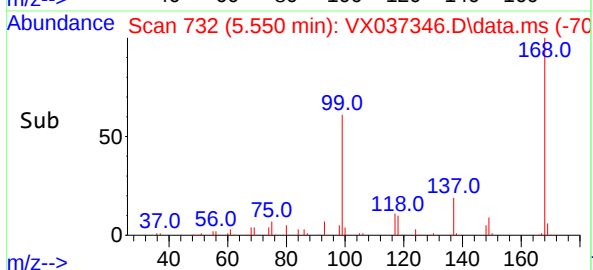
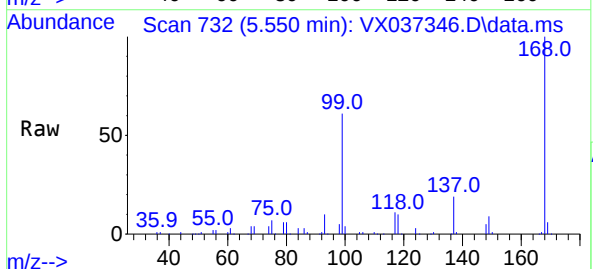
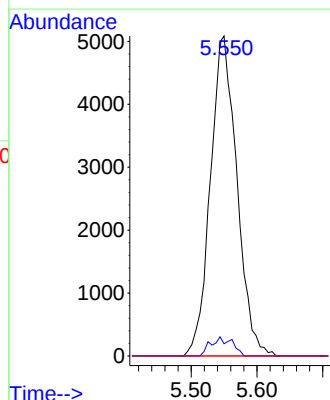
Tgt Ion: 117 Resp: 14272

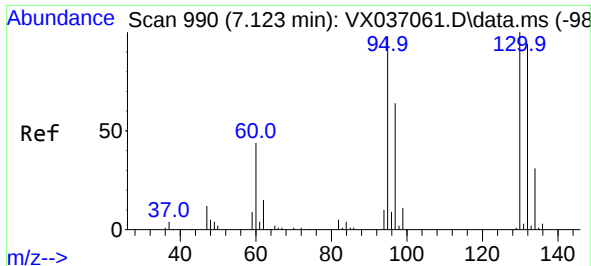
Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.2#

121 0.0 24.4 36.6#

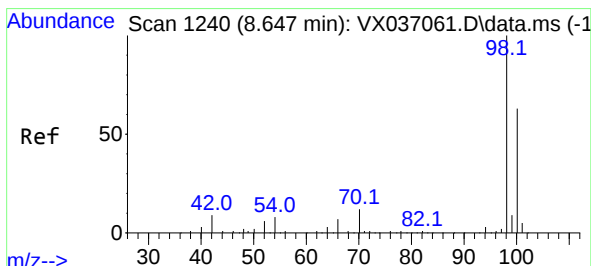
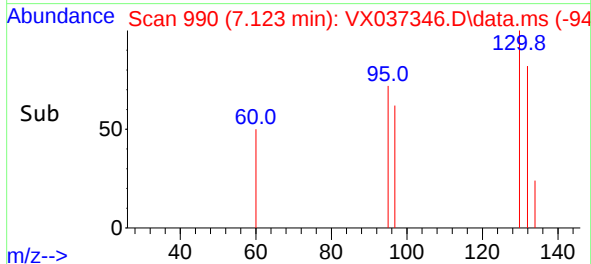
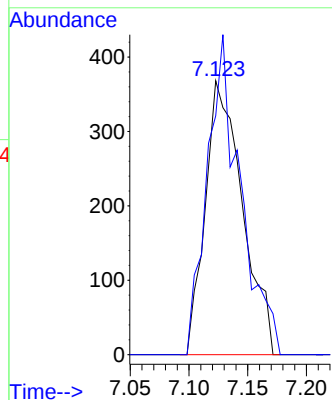
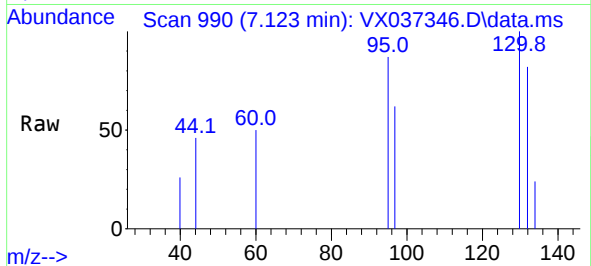




#44
Trichloroethene
Concen: 0.484 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

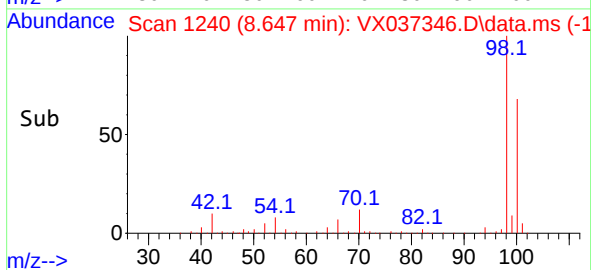
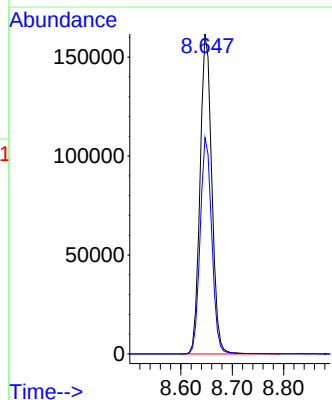
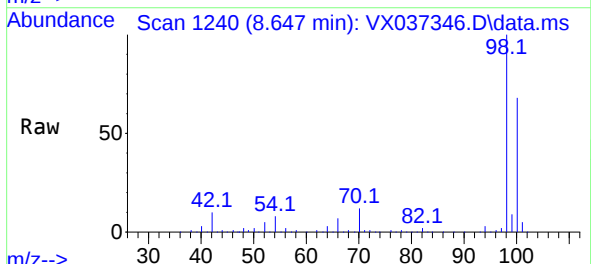
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

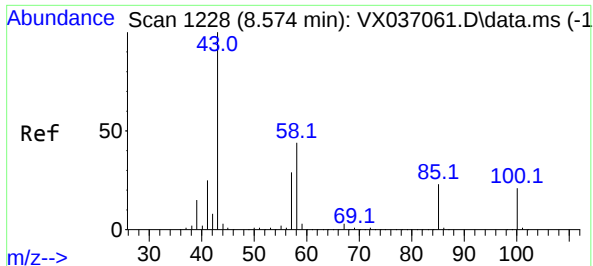
Tgt Ion:130 Resp: 811
Ion Ratio Lower Upper
130 100
95 87.2 0.0 204.4



#50
Toluene-d8
Concen: 48.716 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Tgt Ion: 98 Resp: 256276
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.482 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037346.D

Acq: 29 Aug 2023 16:53

Instrument :

MSVOA_X

ClientSampleId :

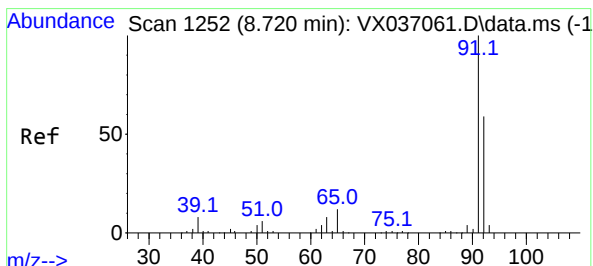
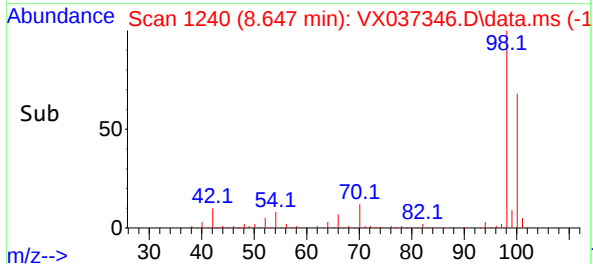
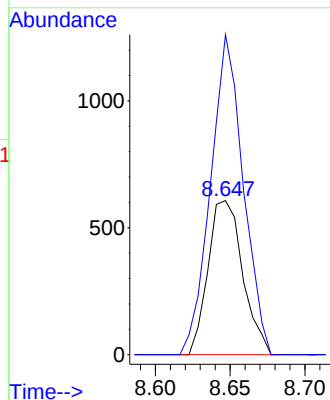
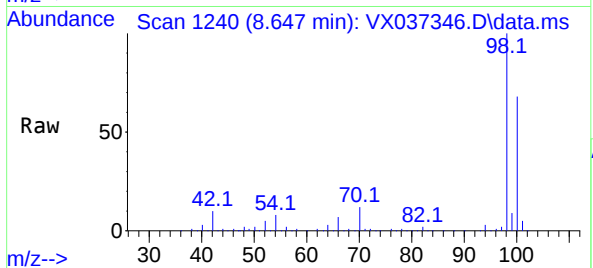
EQ-TANK-DNMPL

Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

43 100

58 195.7 30.4 45.6#



#52

Toluene

Concen: 0.693 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037346.D

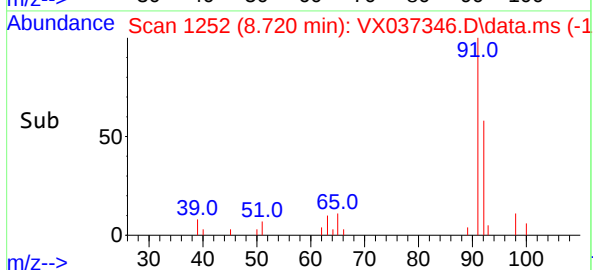
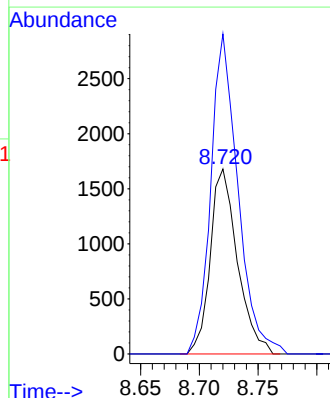
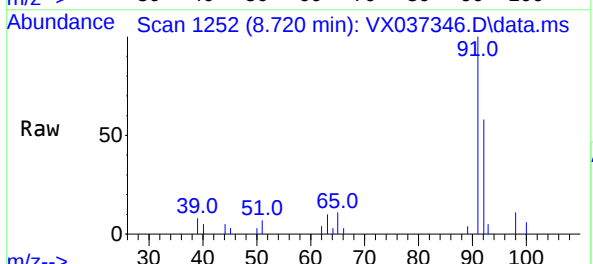
Acq: 29 Aug 2023 16:53

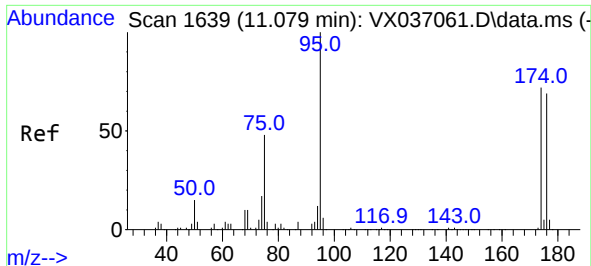
Tgt Ion: 92 Resp: 2706

Ion Ratio Lower Upper

92 100

91 172.5 134.2 201.2

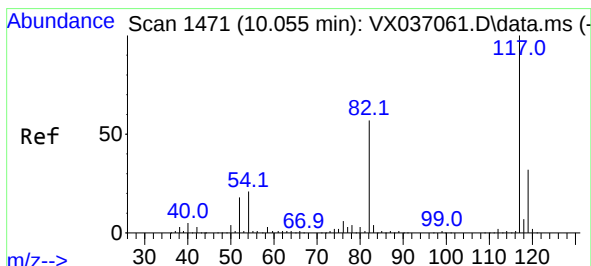
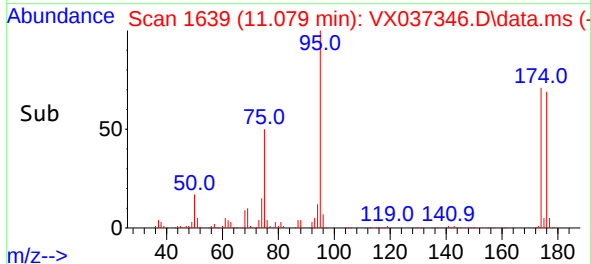
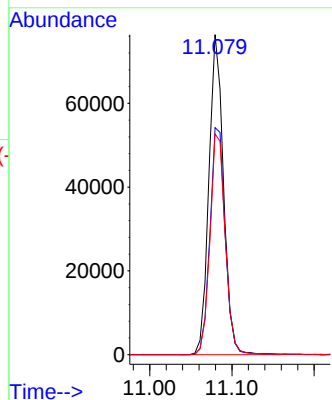
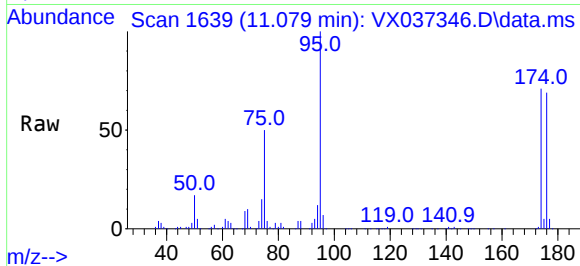




#62
4-Bromofluorobenzene
Concen: 45.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

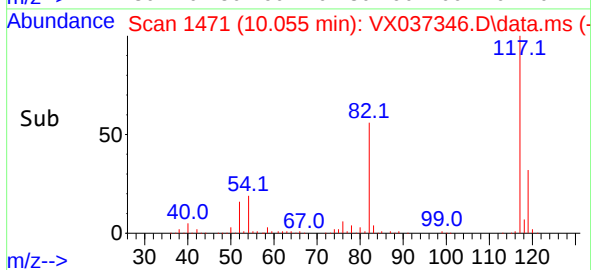
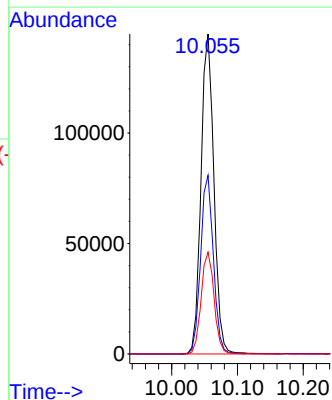
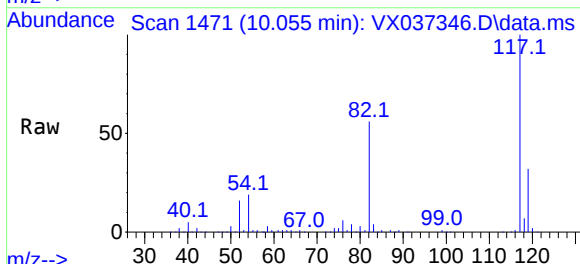
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

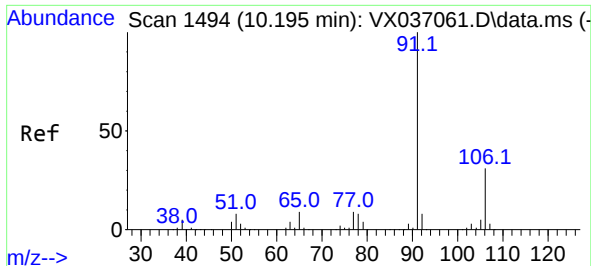
Tgt Ion: 95 Resp: 94457
Ion Ratio Lower Upper
95 100
174 74.2 0.0 135.6
176 72.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Tgt Ion: 117 Resp: 197154
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 31.8 25.5 38.3

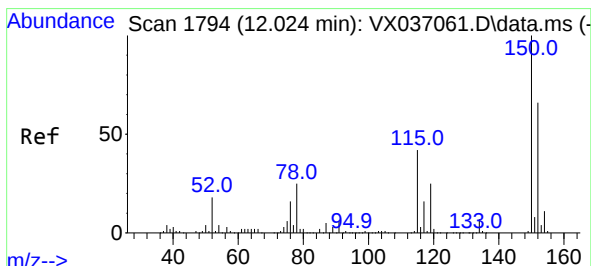
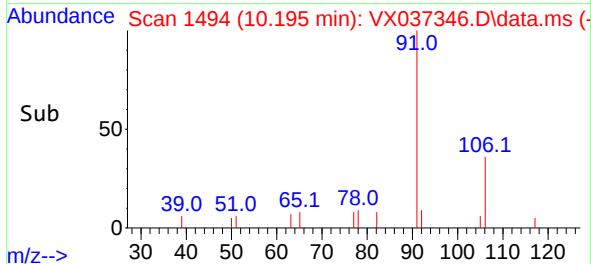
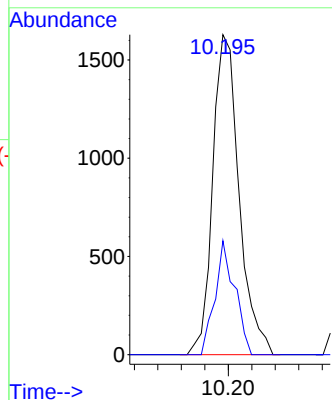
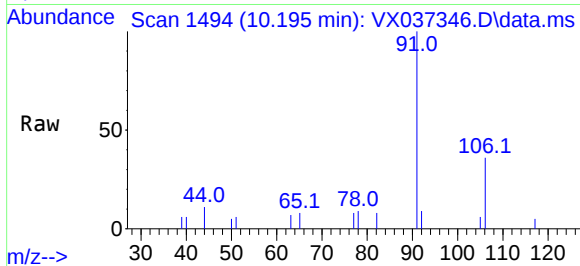




#67
Ethyl Benzene
Concen: 0.345 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

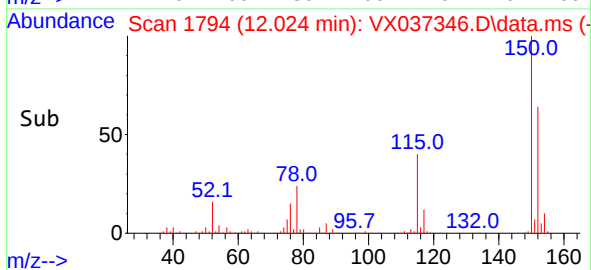
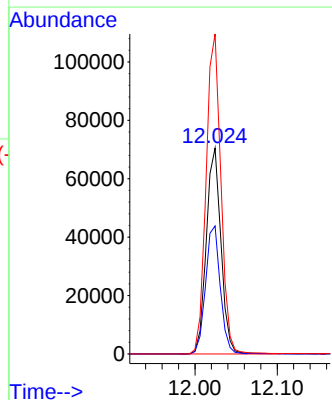
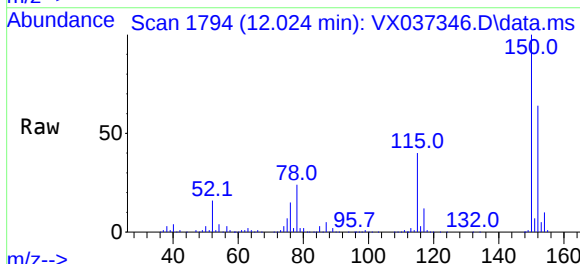
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

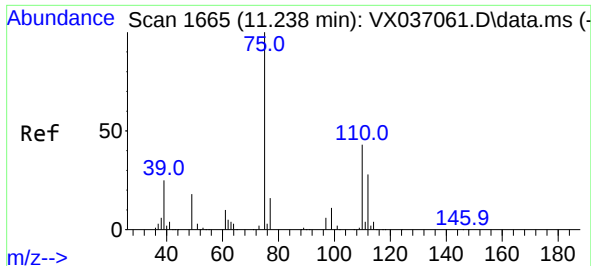
Tgt Ion: 91 Resp: 2531
Ion Ratio Lower Upper
91 100
106 35.6 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Tgt Ion:152 Resp: 87425
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 156.6 0.0 345.0

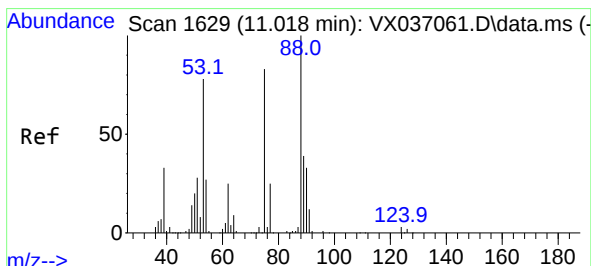
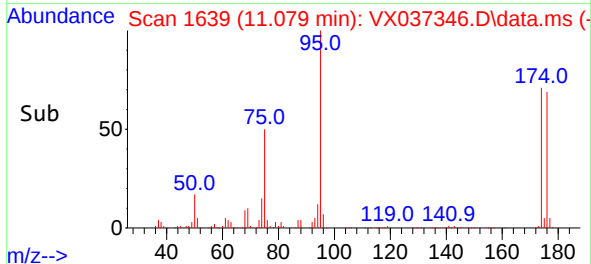
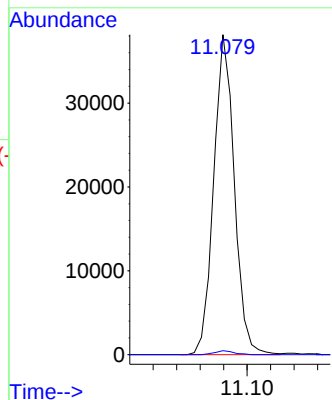
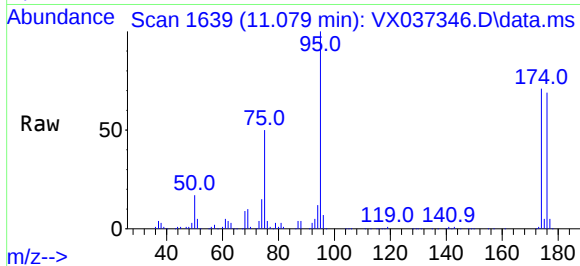




#76
1,2,3-Trichloropropane
Concen: 24.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

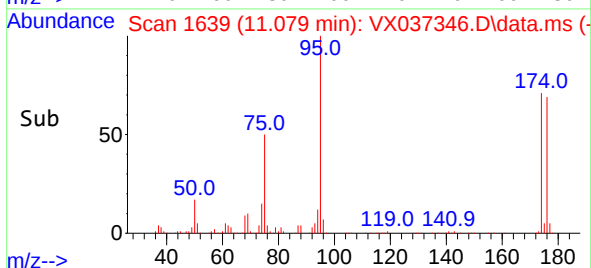
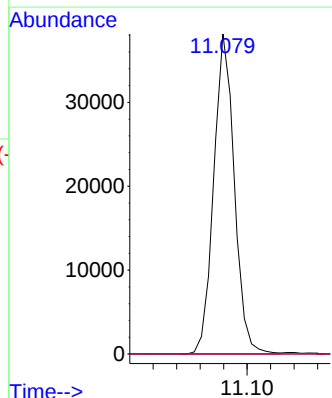
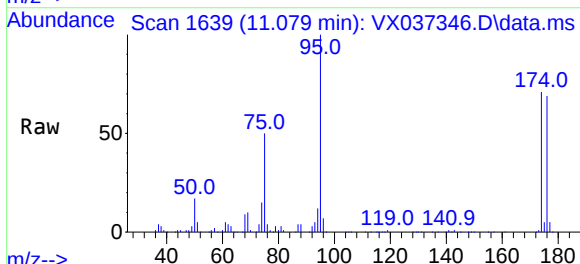
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

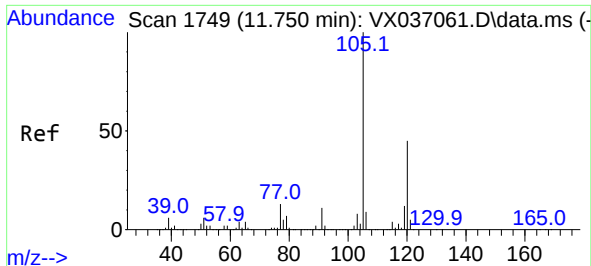
Tgt Ion: 75 Resp: 46403
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Tgt Ion: 75 Resp: 46403
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

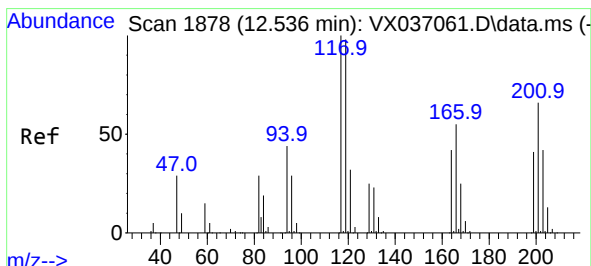
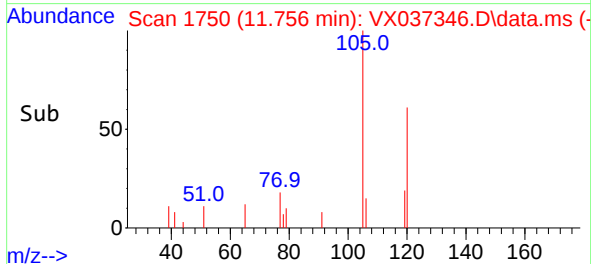
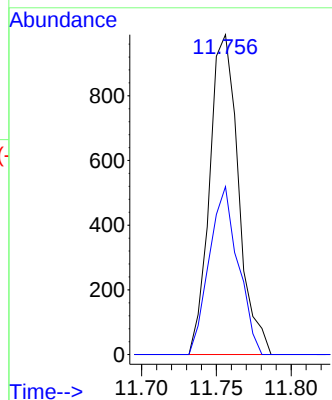
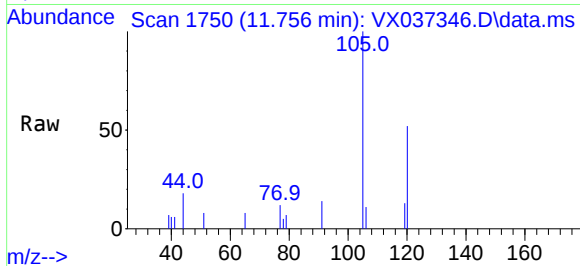




#84
1,2,4-Trimethylbenzene
Concen: 0.248 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

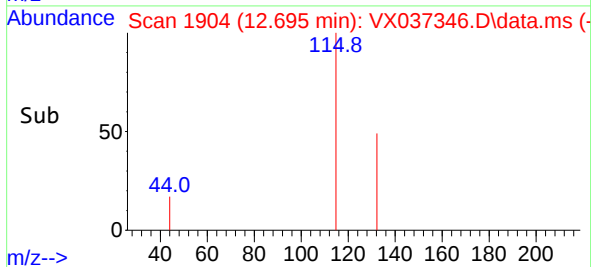
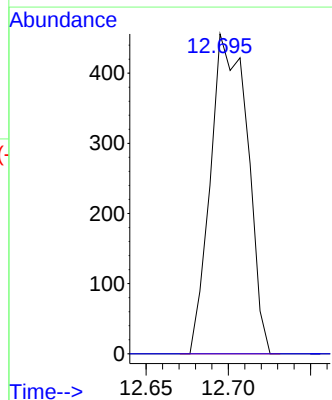
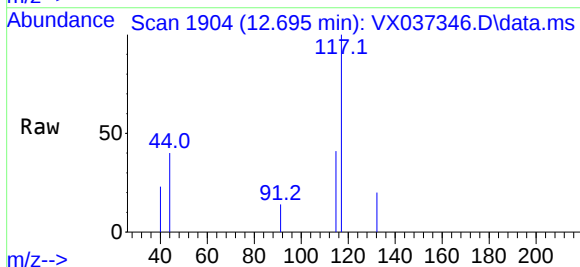
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL

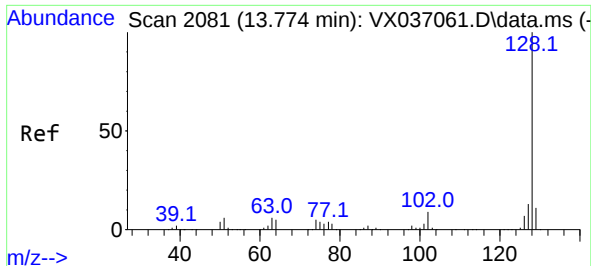
Tgt Ion:105 Resp: 1328
Ion Ratio Lower Upper
105 100
120 52.6 21.2 63.6



#90
Hexachloroethane
Concen: 0.838 ug/l
RT: 12.695 min Scan# 1904
Delta R.T. 0.159 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

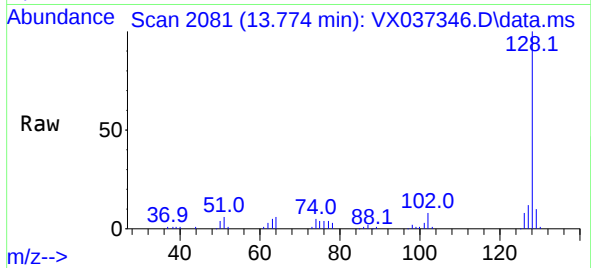
Tgt Ion:117 Resp: 711
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#95
Naphthalene
Concen: 4.091 ug/l
RT: 13.774 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX037346.D
Acq: 29 Aug 2023 16:53

Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK-DNMPL



Tgt Ion:128 Resp: 29830

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.0	8.8	13.2

