

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039526.D
 Acq On : 28 Dec 2023 18:57
 Operator : JC/MD
 Sample : 06038-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EQ-TANK

Quant Time: Dec 28 22:56:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

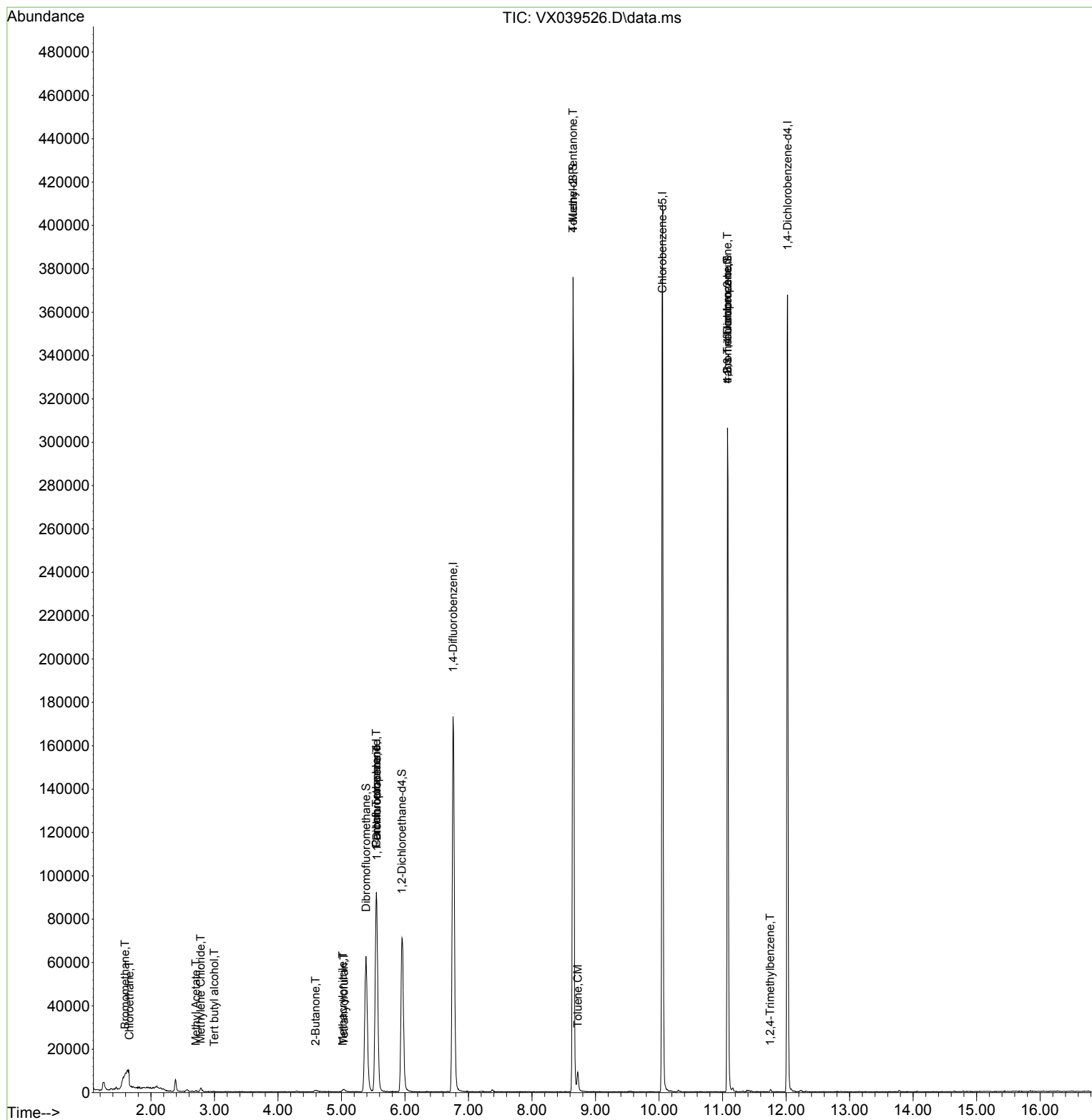
Internal Standards						
1) Pentafluorobenzene	5.550	168	79994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70260	47.945	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.880%		
35) Dibromofluoromethane	5.385	113	55310	47.421	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	8.647	98	216567	50.014	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.020%		
62) 4-Bromofluorobenzene	11.079	95	85256	47.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.440%		
Target Compounds					Qvalue	
5) Bromomethane	1.593	94	248	0.372	ug/l #	3
6) Chloroethane	1.660	64	389	0.557	ug/l #	43
11) Tert butyl alcohol	2.995	59	193	0.524	ug/l #	78
16) Acetone	2.386	43	6126	Below Cal		97
18) Methyl Acetate	2.709	43	734	0.232	ug/l #	53
20) Methylene Chloride	2.782	84	837	0.685	ug/l #	88
25) 2-Butanone	4.592	43	1269	1.004	ug/l #	83
29) Tetrahydrofuran	5.038	42	1256	1.799	ug/l #	89
36) 1,1-Dichloropropene	5.556	75	7672	4.168	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9545	5.434	ug/l #	15
41) Methacrylonitrile	5.019	41	358	0.295	ug/l #	52
51) 4-Methyl-2-Pentanone	8.647	43	1124	0.477	ug/l #	1
52) Toluene	8.720	92	3076	0.979	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	46933	25.359	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	46933	71.538	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	982	0.204	ug/l	75

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

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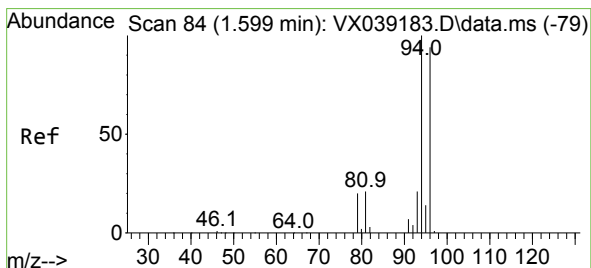
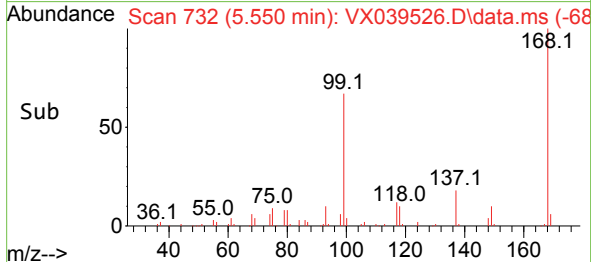
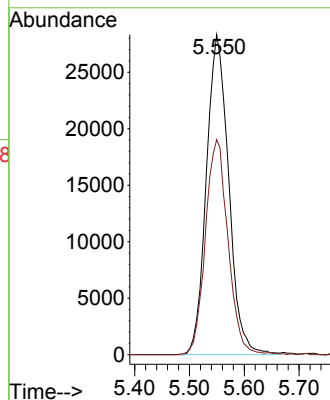
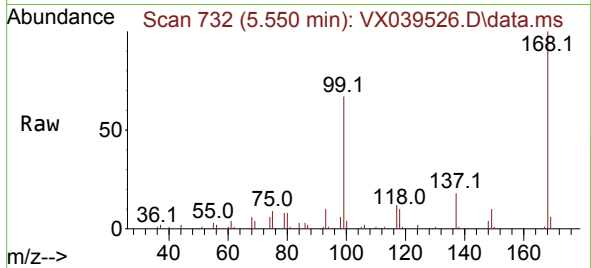




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

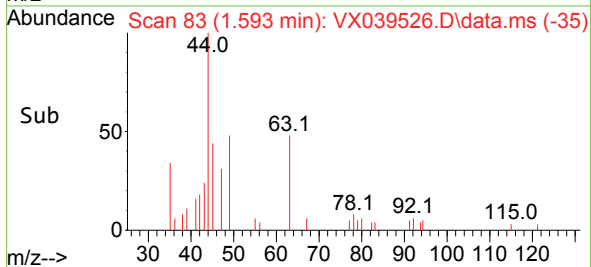
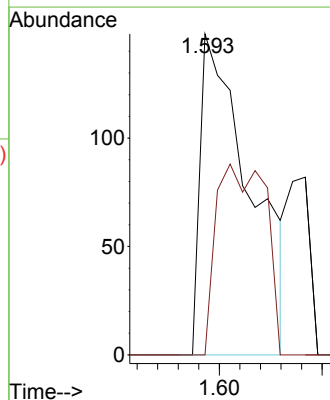
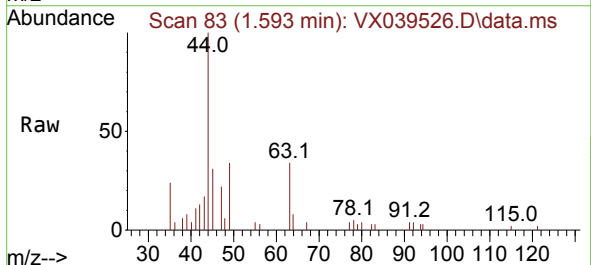
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

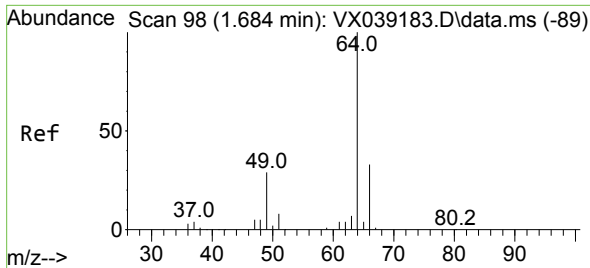
Tgt Ion:168 Resp: 79994
Ion Ratio Lower Upper
168 100
99 67.0 56.6 85.0



#5
Bromomethane
Concen: 0.372 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 94 Resp: 248
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

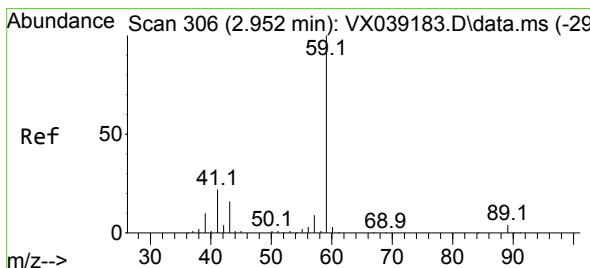
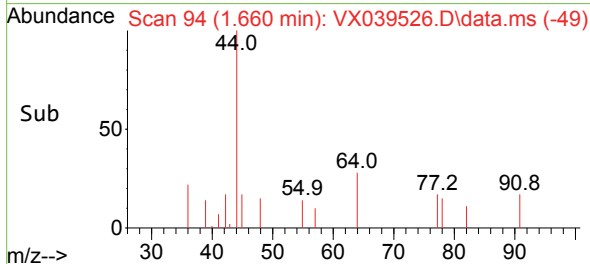
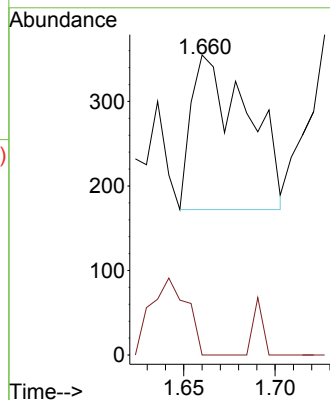
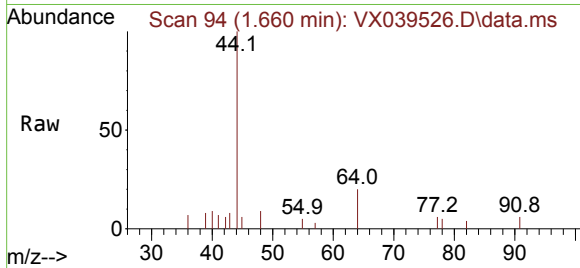




#6
Chloroethane
Concen: 0.557 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

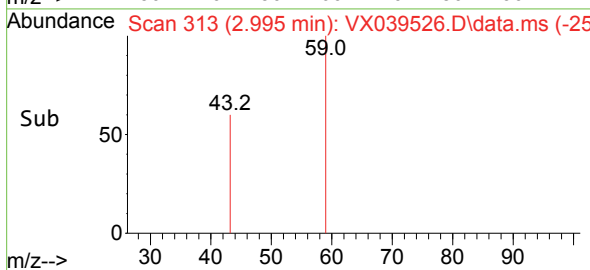
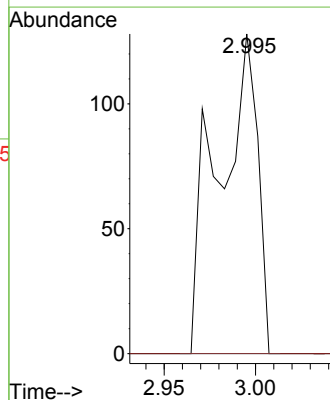
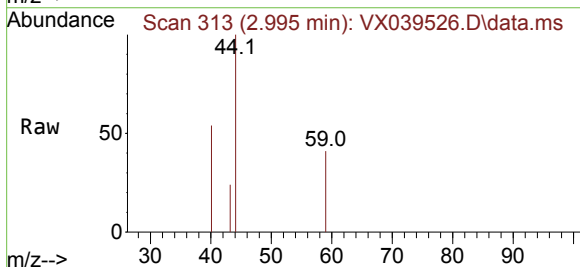
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

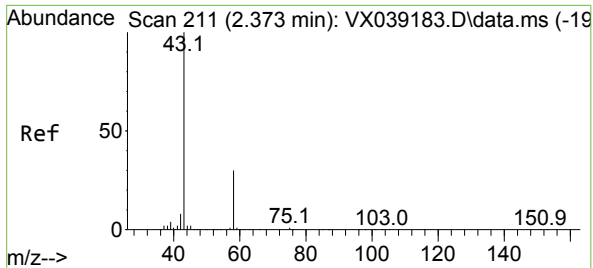
Tgt Ion: 64 Resp: 389
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.524 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.043 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

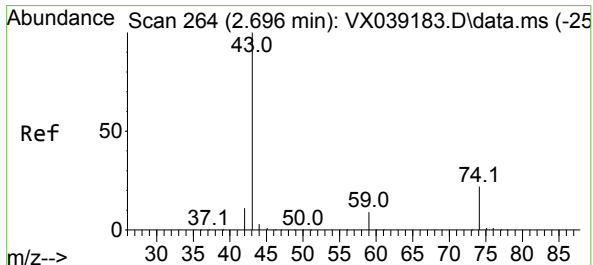
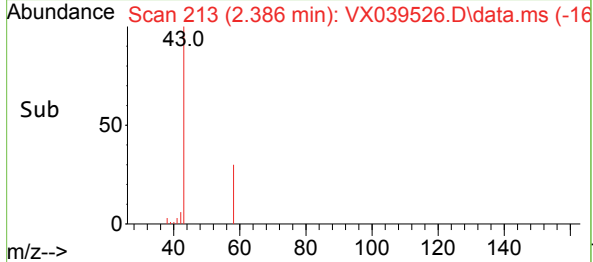
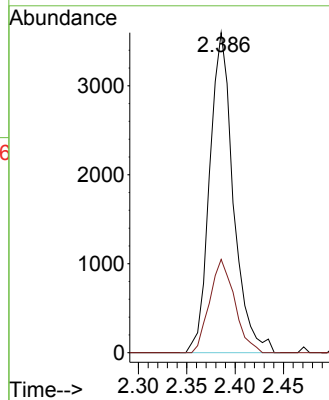
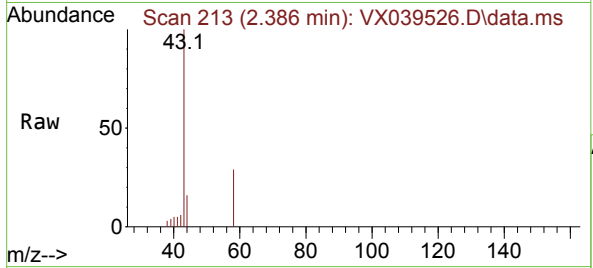




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

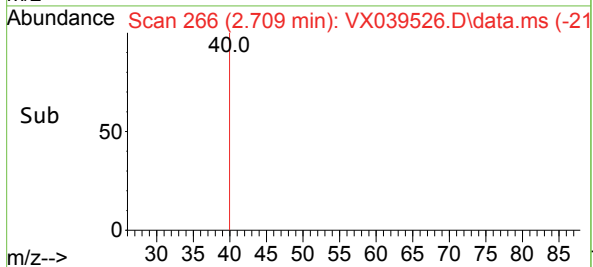
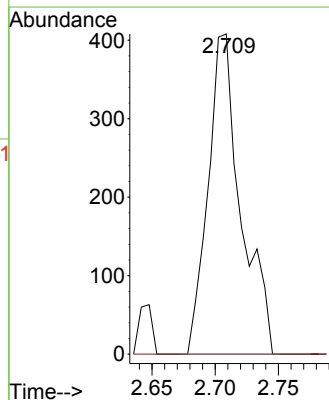
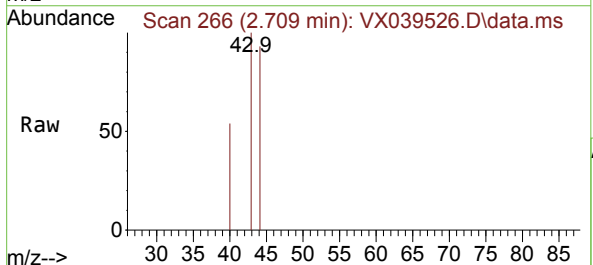
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

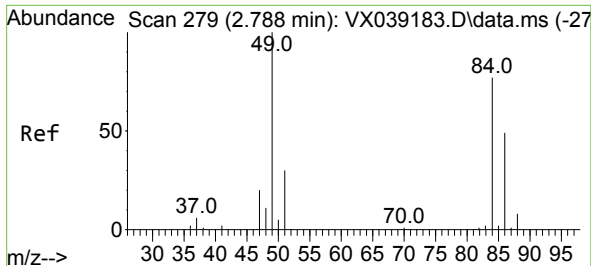
Tgt Ion: 43 Resp: 6126
Ion Ratio Lower Upper
43 100
58 29.1 21.9 32.9



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

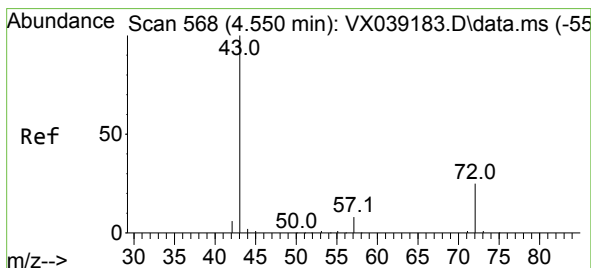
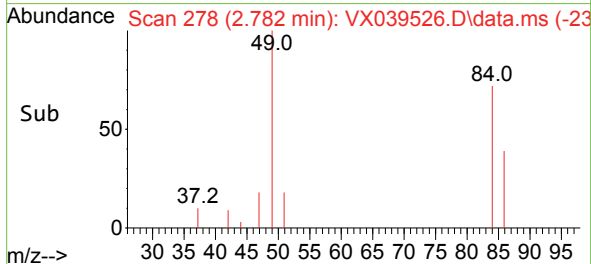
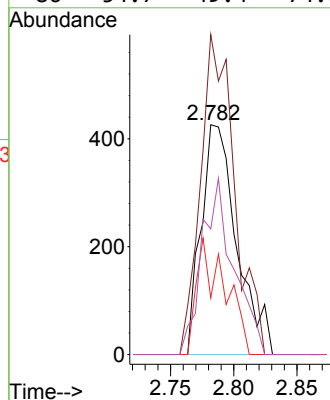
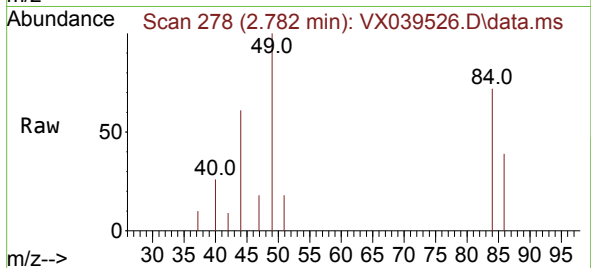




#20
Methylene Chloride
Concen: 0.685 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

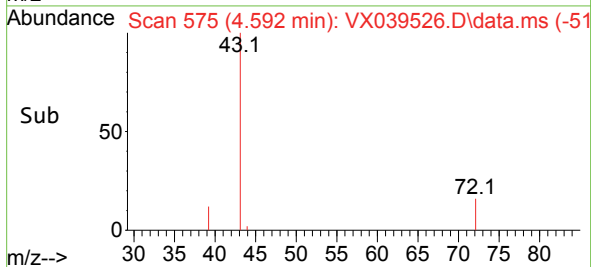
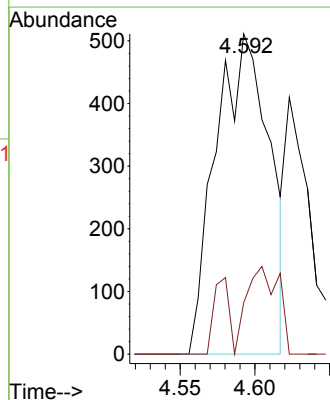
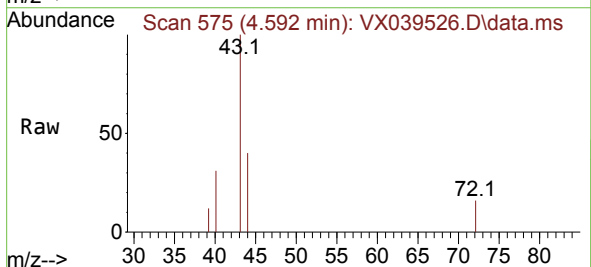
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

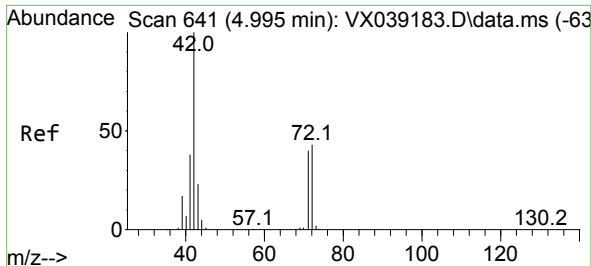
Tgt Ion:	84	Resp:	837
Ion	Ratio	Lower	Upper
84	100		
49	139.2	103.6	155.4
51	24.6	33.8	50.6#
86	54.7	49.4	74.0



#25
2-Butanone
Concen: 1.004 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.043 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion:	43	Resp:	1269
Ion	Ratio	Lower	Upper
43	100		
72	16.0	19.4	29.2#

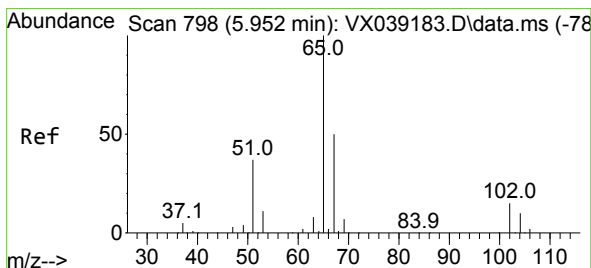
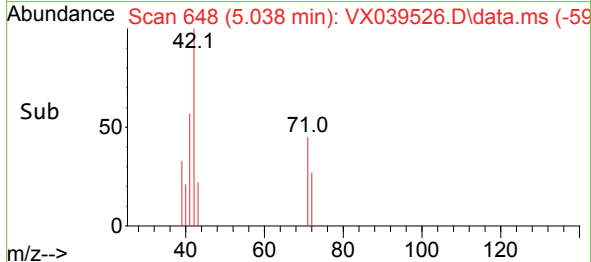
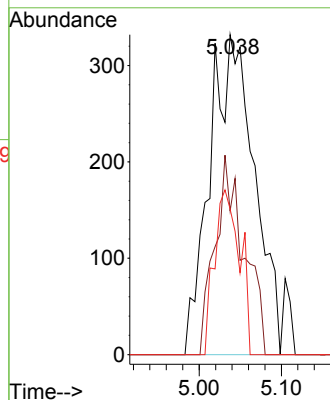
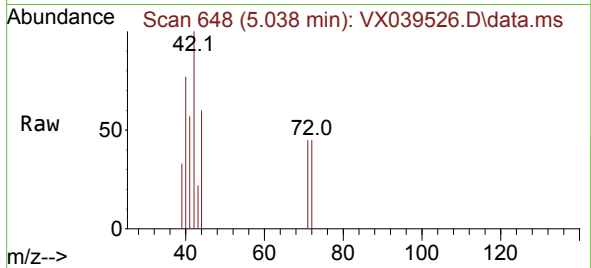




#29
Tetrahydrofuran
Concen: 1.799 ug/l
RT: 5.038 min Scan# 641
Delta R.T. 0.043 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

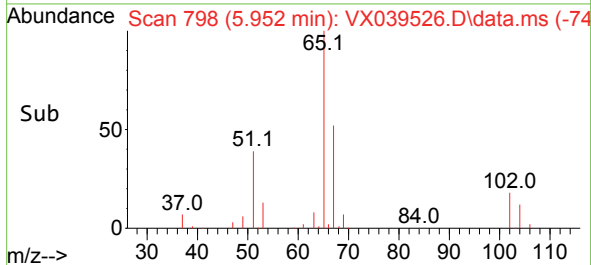
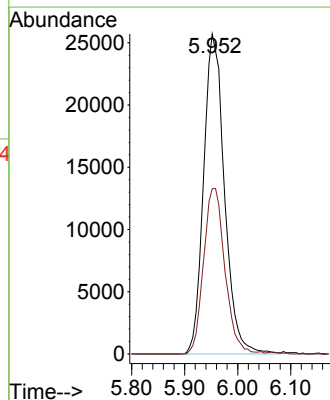
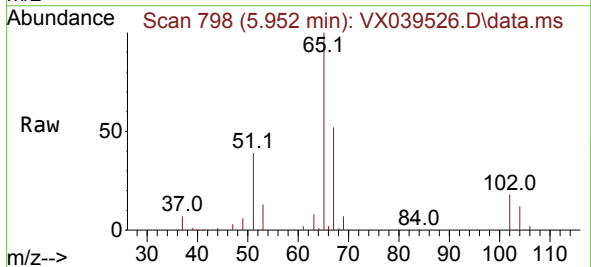
Instrument :
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EQ-TANK

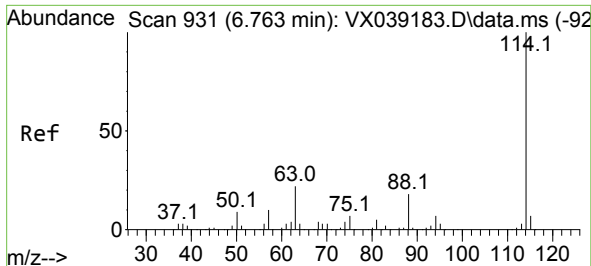
Tgt Ion: 42 Resp: 1256
Ion Ratio Lower Upper
42 100
72 40.4 34.2 51.4
71 29.1 32.2 48.2#



#33
1,2-Dichloroethane-d4
Concen: 47.945 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 65 Resp: 70260
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

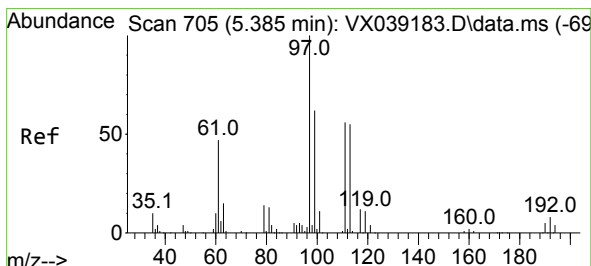
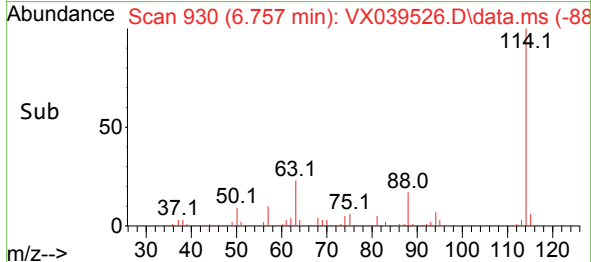
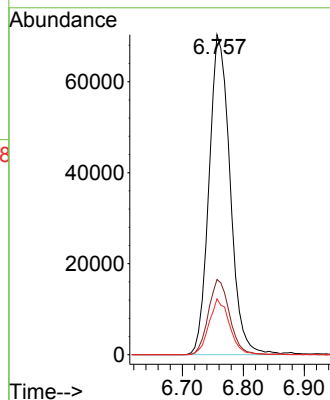
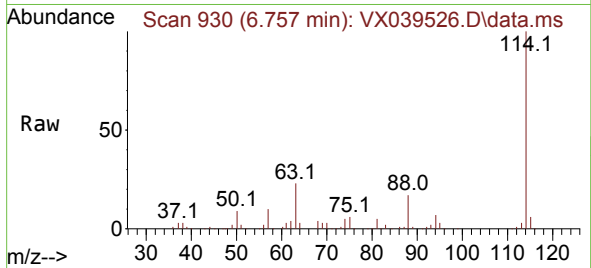




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

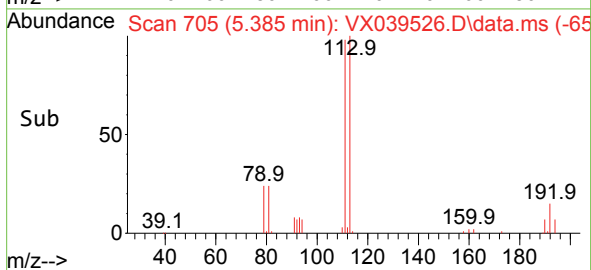
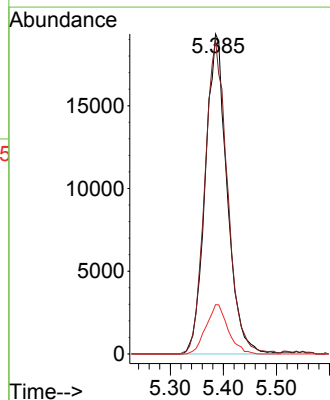
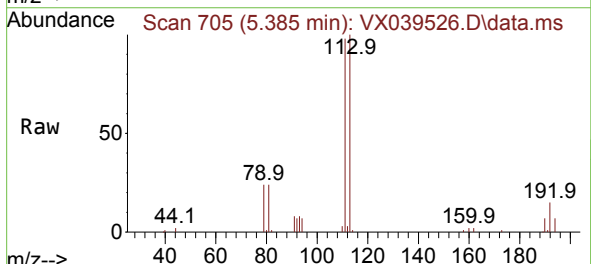
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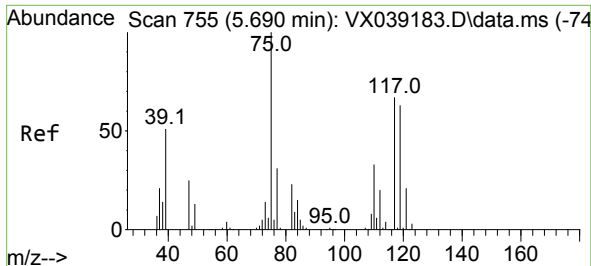
Tgt Ion:114 Resp: 168831
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.0
88 17.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.421 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion:113 Resp: 55310
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 15.5 13.3 19.9

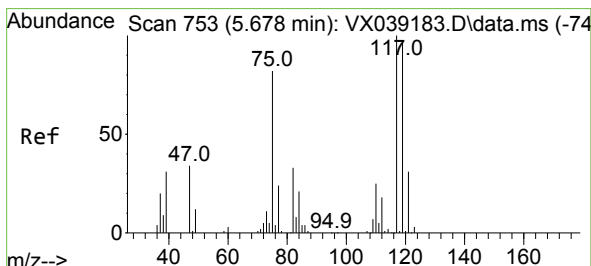
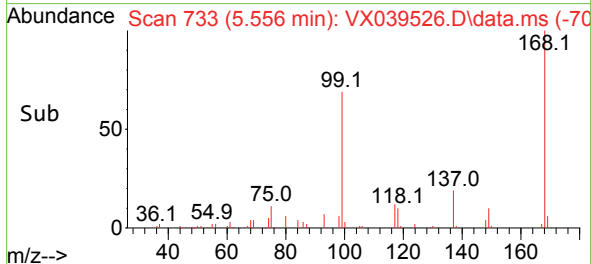
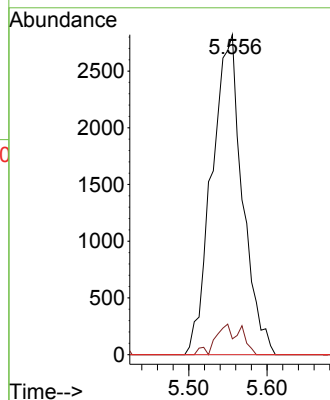
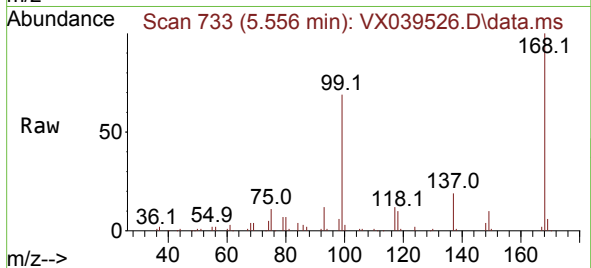




#36
1,1-Dichloropropene
Concen: 4.168 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

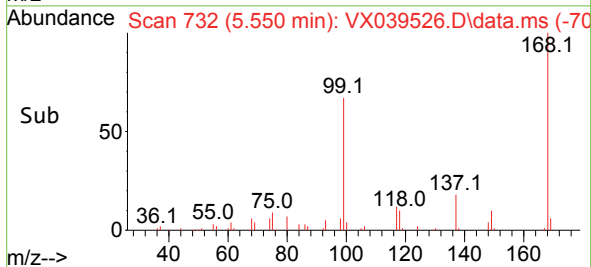
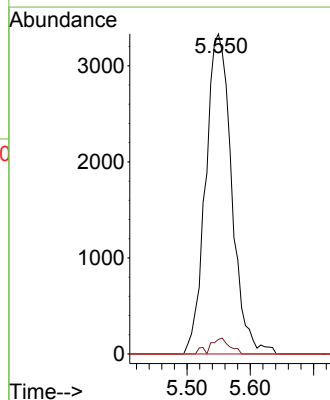
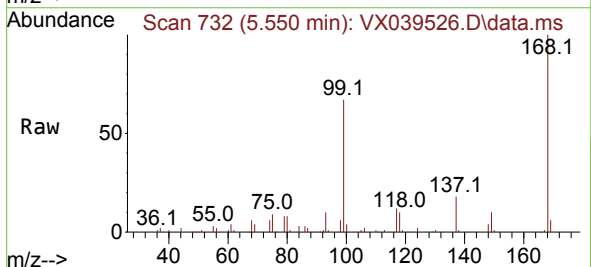
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

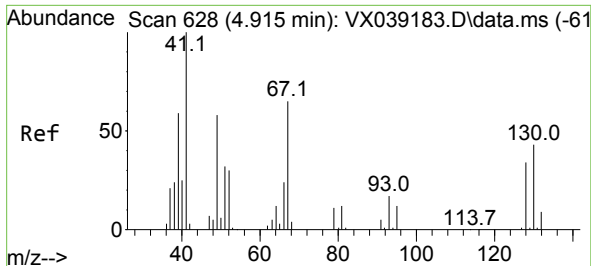
Tgt Ion: 75 Resp: 7672
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 117 Resp: 9545
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

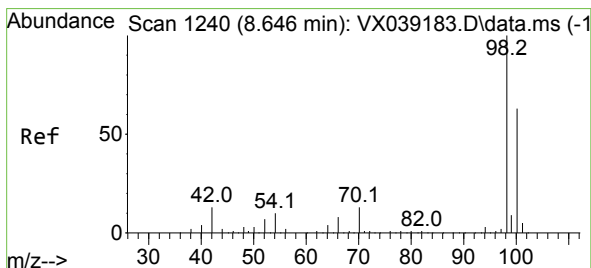
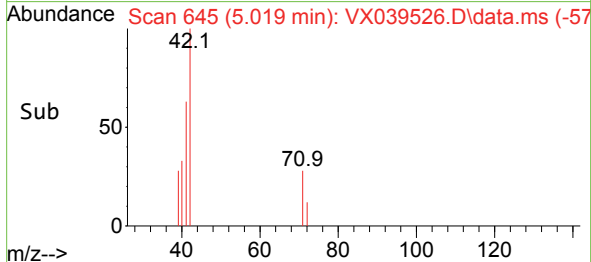
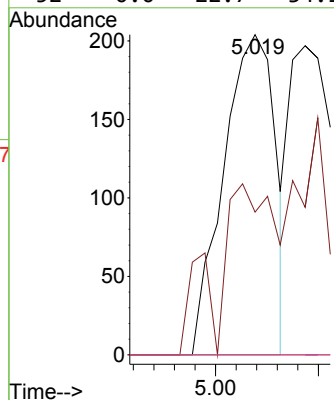
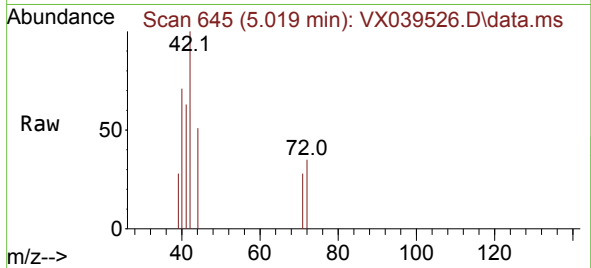




#41
Methacrylonitrile
Concen: 0.295 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.104 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

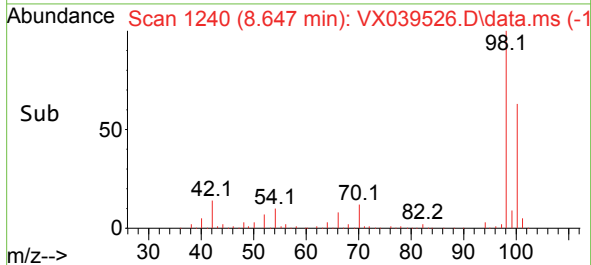
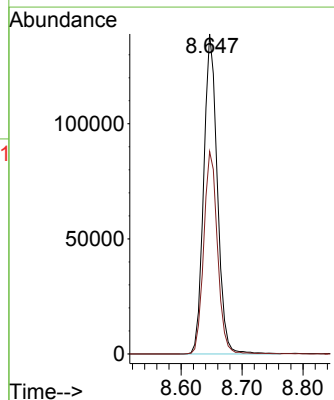
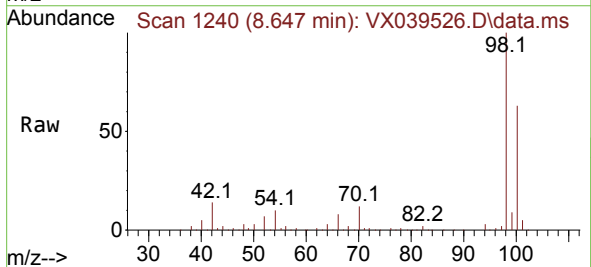
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

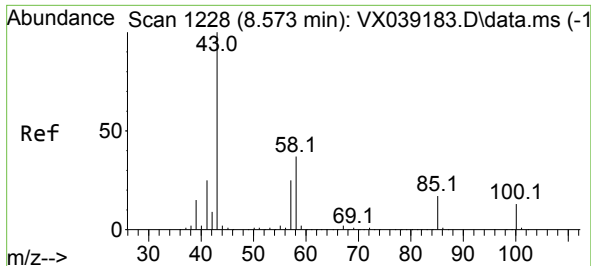
Tgt Ion: 41 Resp: 358
Ion Ratio Lower Upper
41 100
39 60.6 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#50
Toluene-d8
Concen: 50.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 98 Resp: 216567
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX039526.D

Acq: 28 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

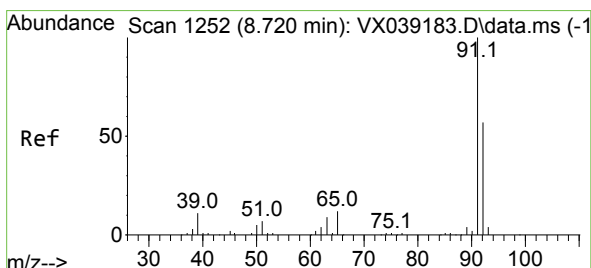
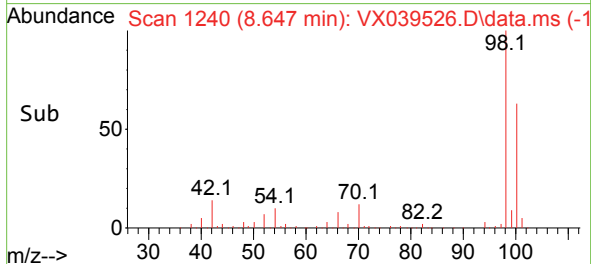
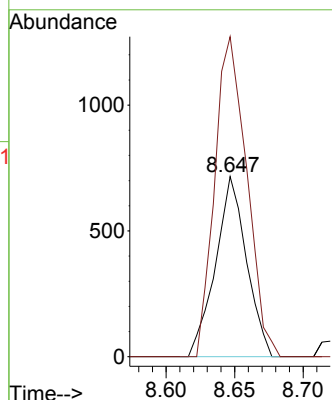
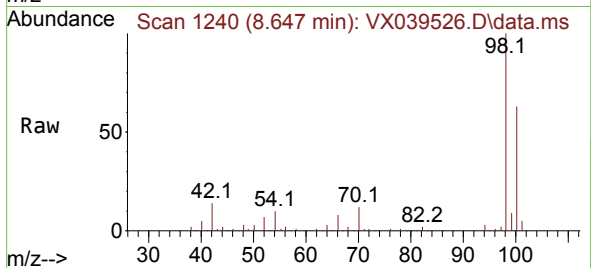
EQ-TANK

Tgt Ion: 43 Resp: 1124

Ion Ratio Lower Upper

43 100

58 183.8 30.4 45.6#



#52

Toluene

Concen: 0.979 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX039526.D

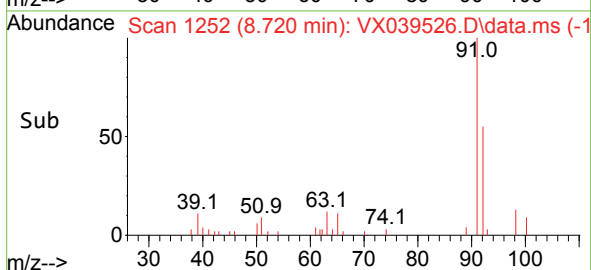
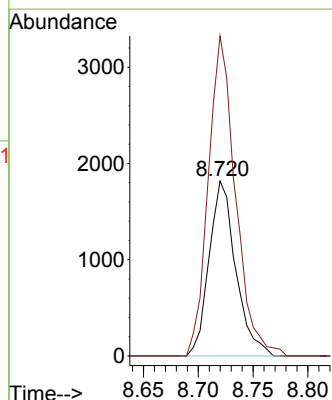
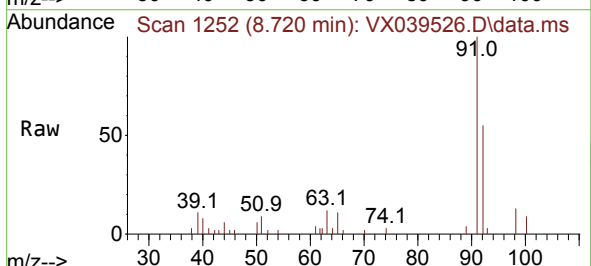
Acq: 28 Dec 2023 18:57

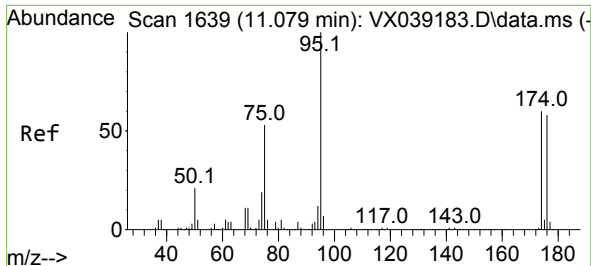
Tgt Ion: 92 Resp: 3076

Ion Ratio Lower Upper

92 100

91 186.7 134.2 201.2

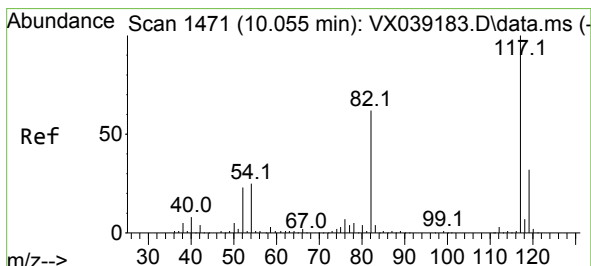
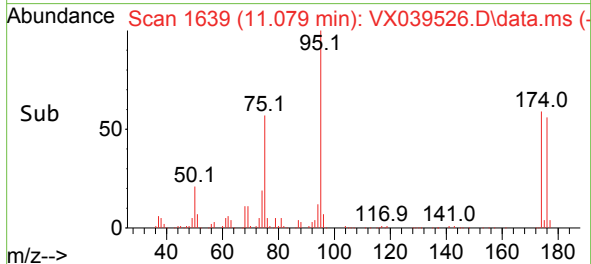
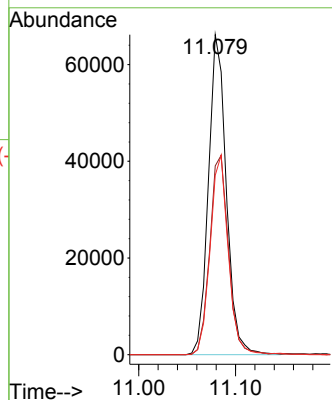
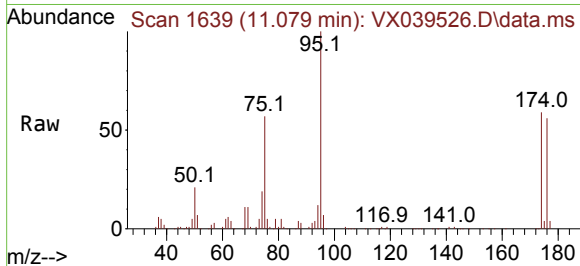




#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

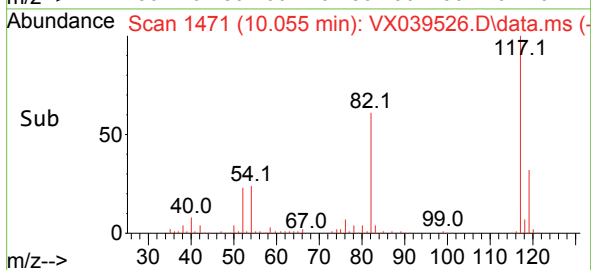
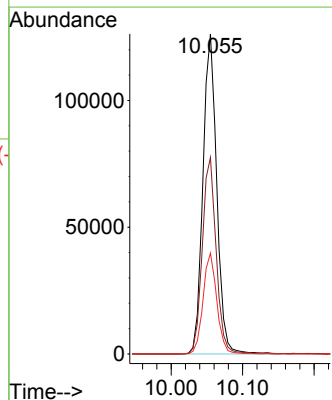
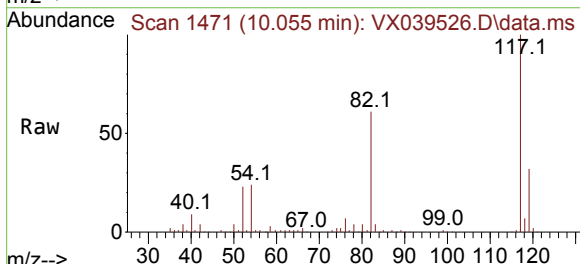
Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

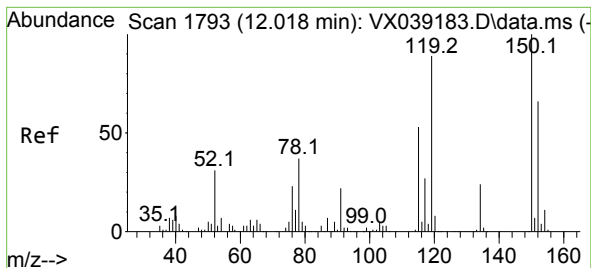
Tgt Ion: 95 Resp: 85256
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 63.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 117 Resp: 169448
Ion Ratio Lower Upper
117 100
82 61.4 46.2 69.4
119 31.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039526.D

Acq: 28 Dec 2023 18:57

Instrument :

MSVOA_X

ClientSampleId :

EQ-TANK

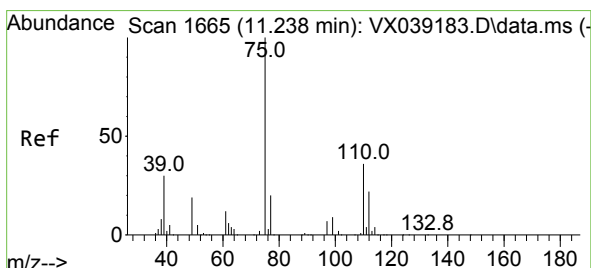
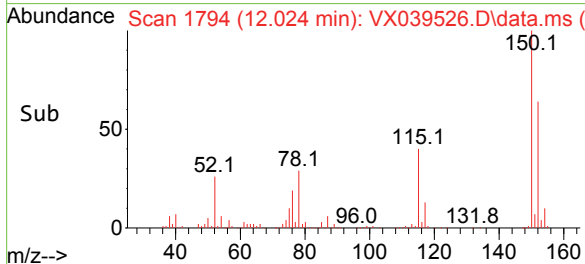
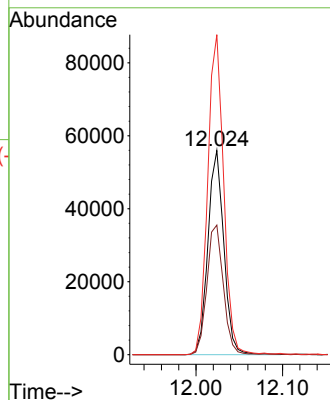
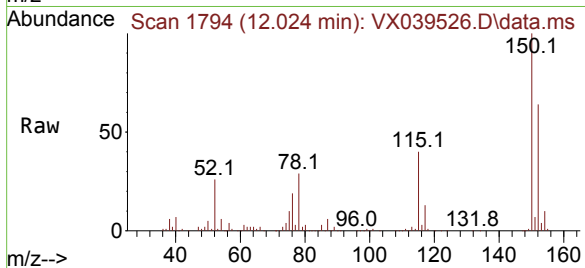
Tgt Ion:152 Resp: 71535

Ion Ratio Lower Upper

152 100

115 65.7 43.3 129.9

150 156.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.359 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039526.D

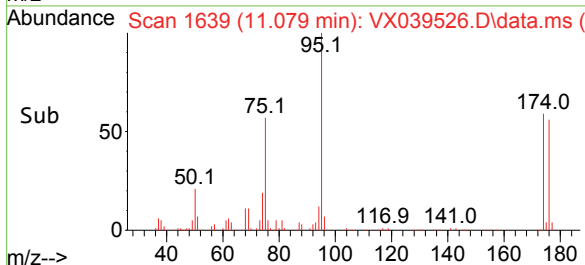
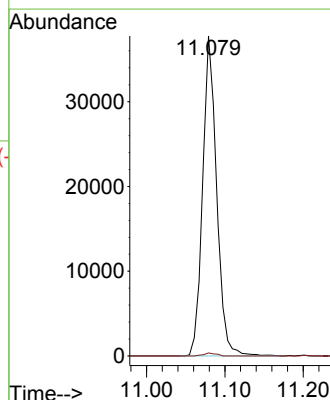
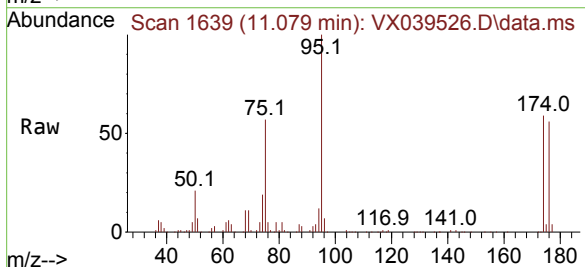
Acq: 28 Dec 2023 18:57

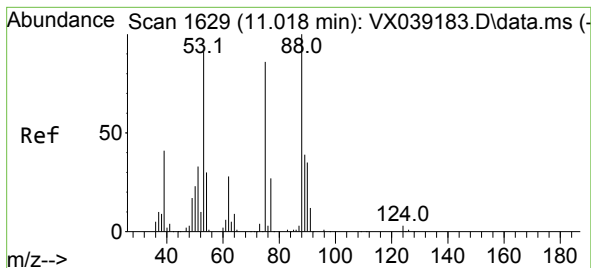
Tgt Ion: 75 Resp: 46933

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#

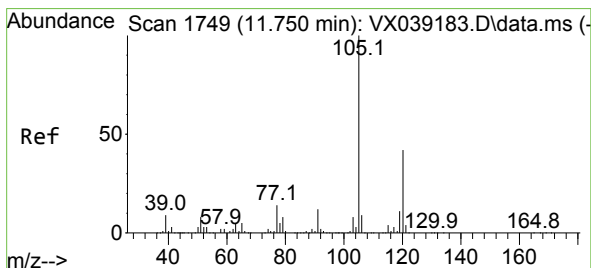
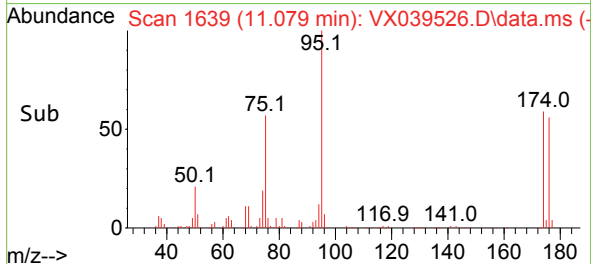
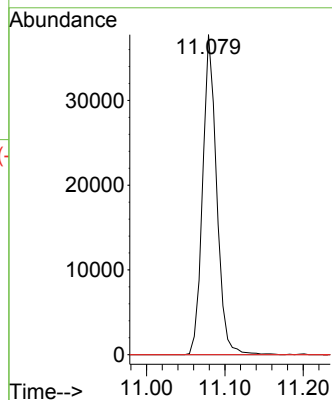
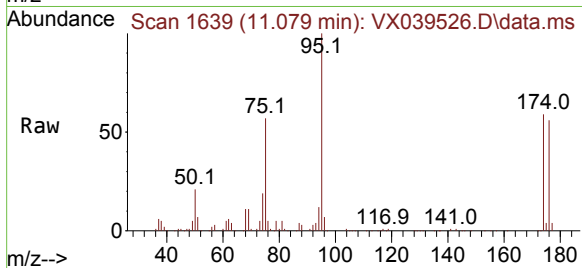




#81
trans-1,4-Dichloro-2-butene
Concen: 71.538 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Instrument :
MSVOA_X
ClientSampleId :
EQ-TANK

Tgt Ion: 75 Resp: 46933
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: 0.204 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039526.D
Acq: 28 Dec 2023 18:57

Tgt Ion: 105 Resp: 982
Ion Ratio Lower Upper
105 100
120 26.6 21.2 63.6

