

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040111.D
 Acq On : 05 Feb 2024 13:22
 Operator : JC/MD
 Sample : P1354-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-A6014

Quant Time: Feb 06 02:59:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	99174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70326	44.062	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.120%		
35) Dibromofluoromethane	5.385	113	56863	47.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.320%		
50) Toluene-d8	8.647	98	216377	48.497	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.000%		
62) 4-Bromofluorobenzene	11.079	95	83005	48.316	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.640%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.940	59	369	1.274	ug/l #	78
13) Acrolein	2.239	56	57	0.205	ug/l #	14
14) Allyl chloride	2.642	41	451	0.224	ug/l #	60
16) Acetone	2.380	43	12776	17.084	ug/l	99
20) Methylene Chloride	2.800	84	293	0.220	ug/l #	80
25) 2-Butanone	4.568	43	2778	2.672	ug/l #	82
31) Cyclohexane	5.556	56	2502	1.251	ug/l #	11
32) 1,1,1-Trichloroethane	5.379	97	3631	1.766	ug/l	92
36) 1,1-Dichloropropene	5.544	75	8321	4.823	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10882	6.591	ug/l #	18
39) Methylcyclohexane	7.373	83	482	0.230	ug/l #	68
40) Benzene	6.037	78	4061	0.808	ug/l #	77
51) 4-Methyl-2-Pentanone	8.586	43	950	0.468	ug/l	92
52) Toluene	8.720	92	2878	0.919	ug/l	89
59) 2-Hexanone	9.445	43	927	0.573	ug/l #	59
67) Ethyl Benzene	10.195	91	191312	31.158	ug/l	97
68) m/p-Xylenes	10.299	106	35424	15.336	ug/l	100
69) o-Xylene	10.640	106	19935	9.098	ug/l	96
70) Styrene	10.640	104	1884	0.510	ug/l #	1
71) Bromoform	10.945	173	36	0.623	ug/l #	29
73) Isopropylbenzene	10.963	105	81369	14.058	ug/l	98
74) N-amyl acetate	10.860	43	473	0.379	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	45142	26.300	ug/l #	41
78) n-propylbenzene	11.305	91	16543	2.323	ug/l	99
79) 2-Chlorotoluene	11.396	91	10332	2.410	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.451	105	35468	7.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	45142	77.121	ug/l #	5
82) 4-Chlorotoluene	11.451	91	4686	0.952	ug/l #	46
83) tert-Butylbenzene	11.750	119	23159	4.864	ug/l #	51
84) 1,2,4-Trimethylbenzene	11.750	105	196725	39.624	ug/l	97
85) sec-Butylbenzene	11.750	105	196725	31.188	ug/l #	57
86) p-Isopropyltoluene	12.006	119	9026	1.752	ug/l #	71
89) n-Butylbenzene	12.317	91	8130	1.626	ug/l #	10
90) Hexachloroethane	12.695	117	72012	81.079	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.963	75	471	0.955	ug/l #	15
95) Naphthalene	13.774	128	587478	106.548	ug/l	100

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QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

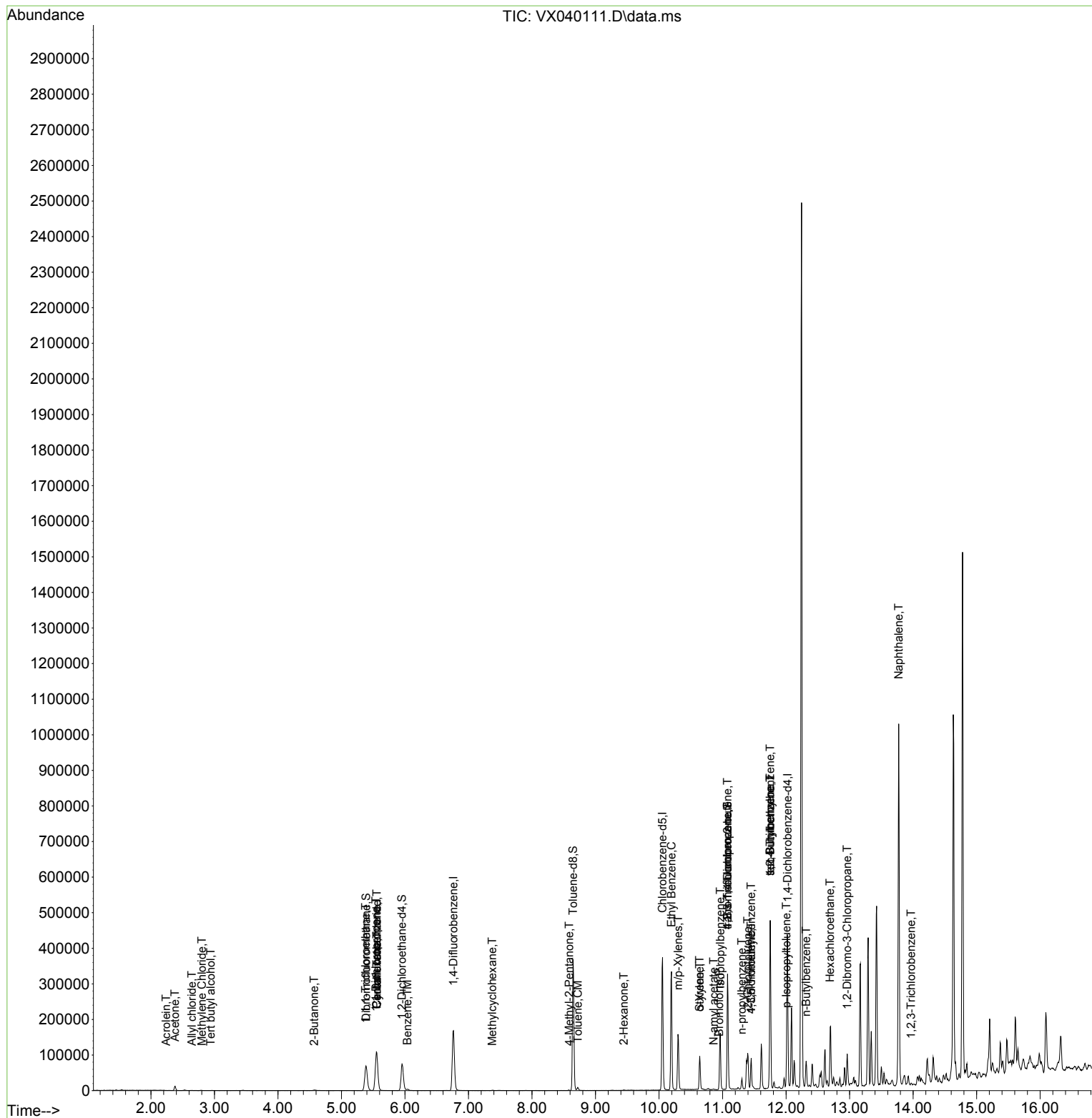
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.969	180	447	0.278	ug/l #	1

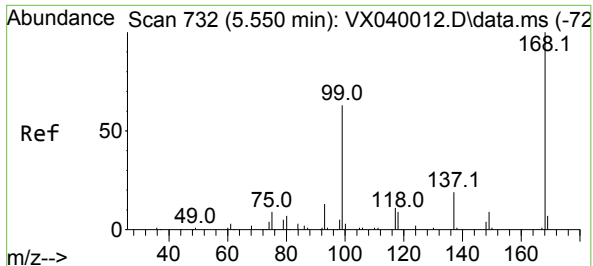
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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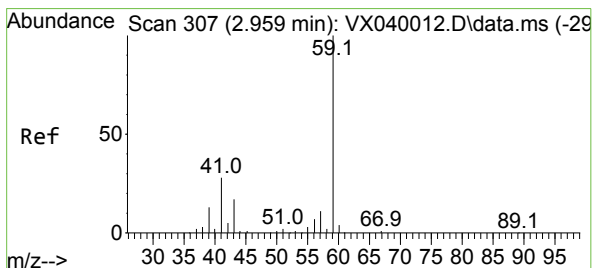
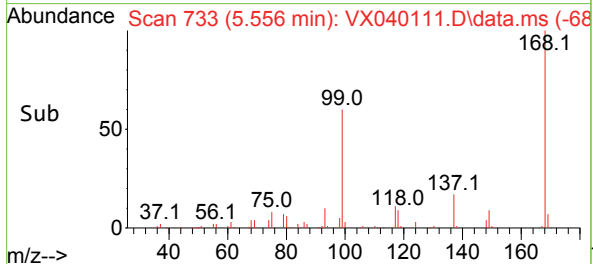
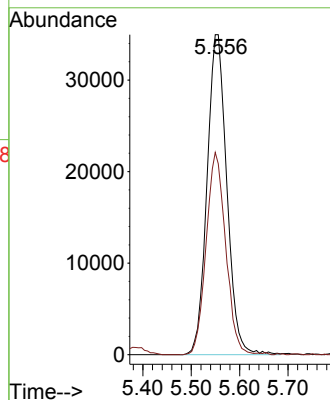
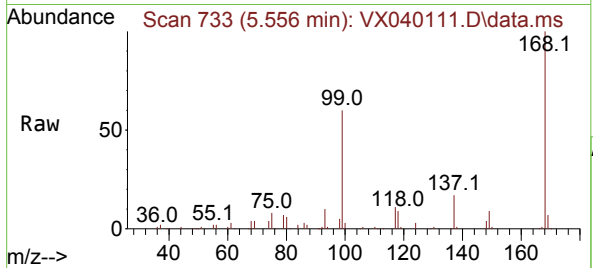




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

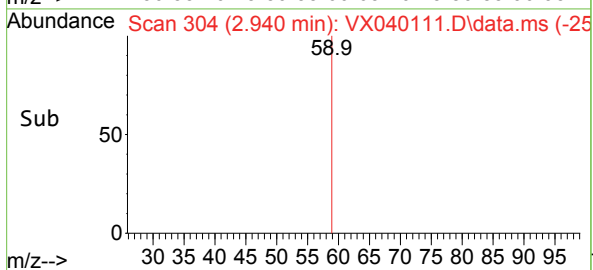
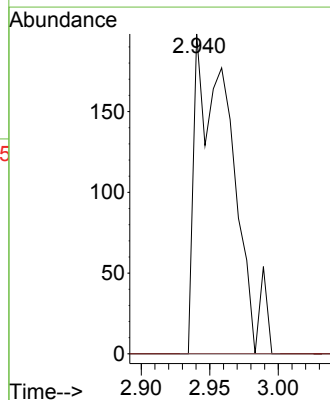
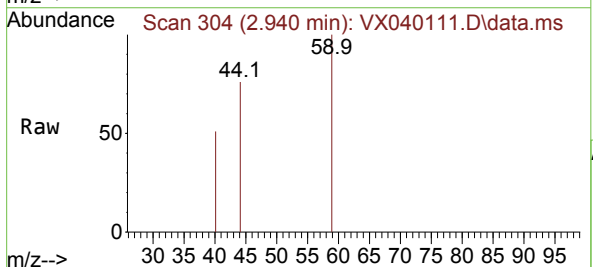
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

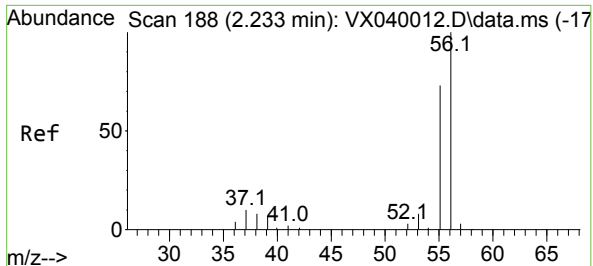
Tgt Ion:168 Resp: 99174
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.274 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

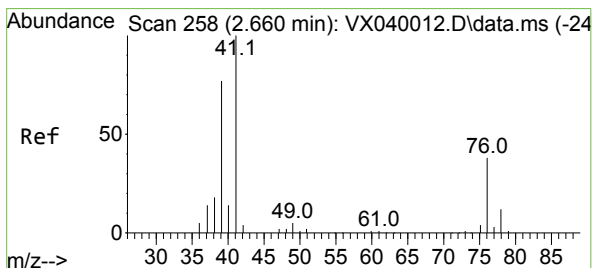
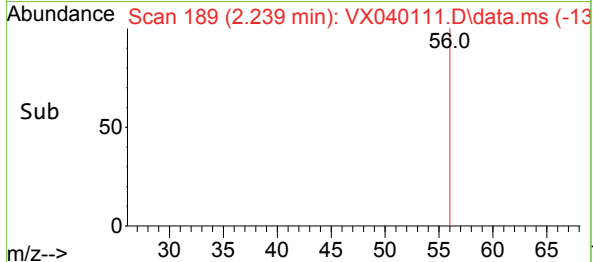
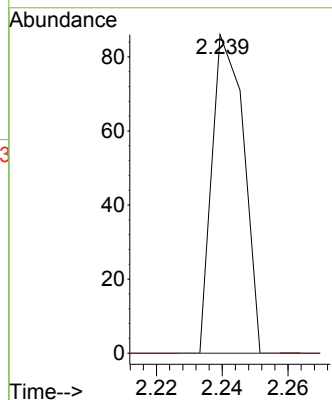
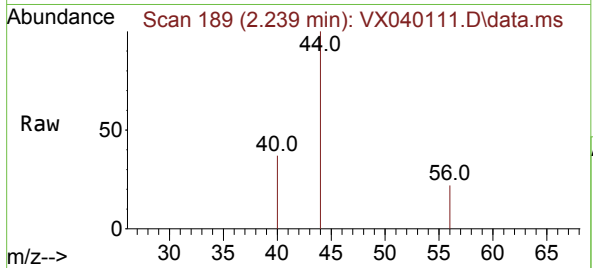




#13
Acrolein
Concen: 0.205 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

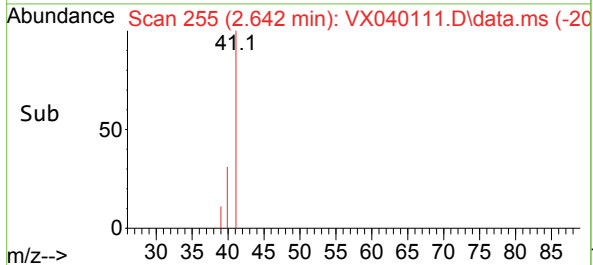
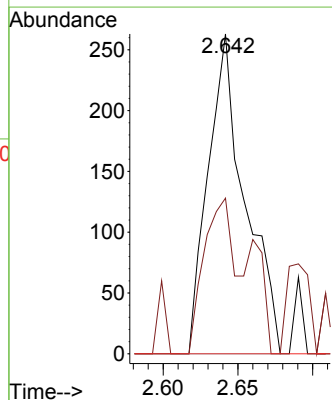
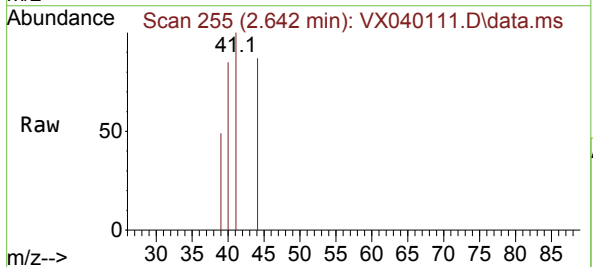
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

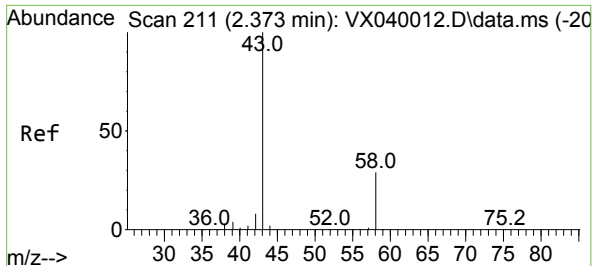
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#14
Allyl chloride
Concen: 0.224 ug/l
RT: 2.642 min Scan# 255
Delta R.T. -0.018 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 41 Resp: 451
Ion Ratio Lower Upper
41 100
39 42.8 55.8 83.6#
76 0.0 24.3 36.5#

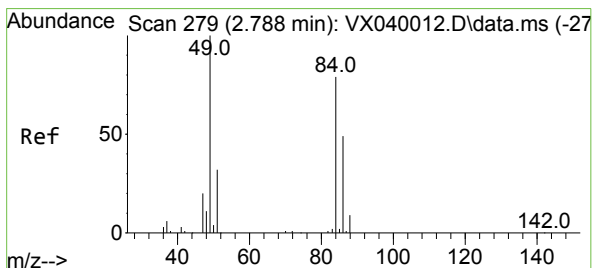
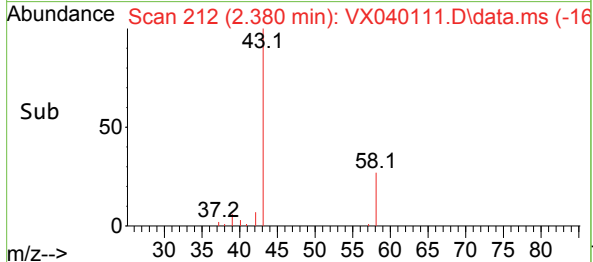
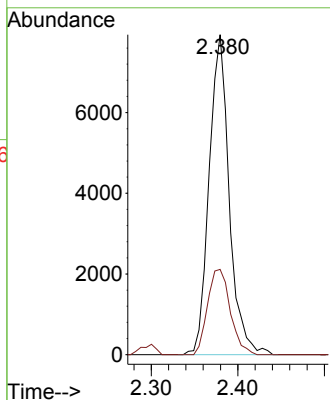
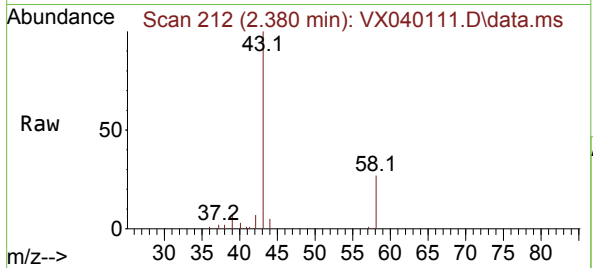




#16
Acetone
Concen: 17.084 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

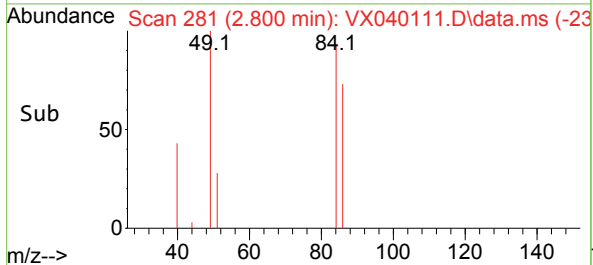
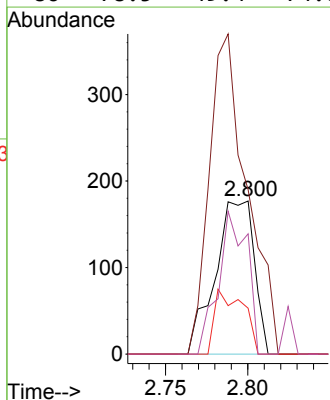
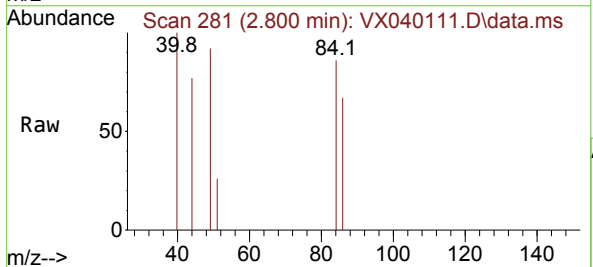
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

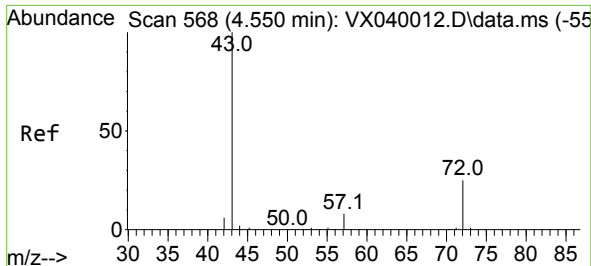
Tgt Ion: 43 Resp: 12776
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9



#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 84 Resp: 293
Ion Ratio Lower Upper
84 100
49 107.3 103.6 155.4
51 29.9 33.8 50.6#
86 78.5 49.4 74.0#





#25

2-Butanone

Concen: 2.672 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

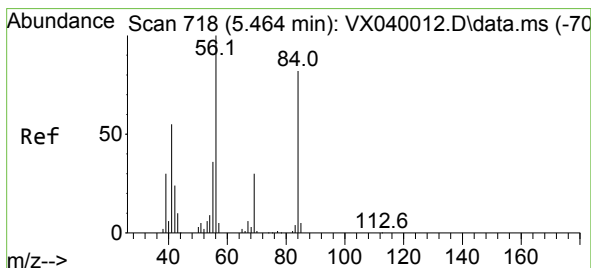
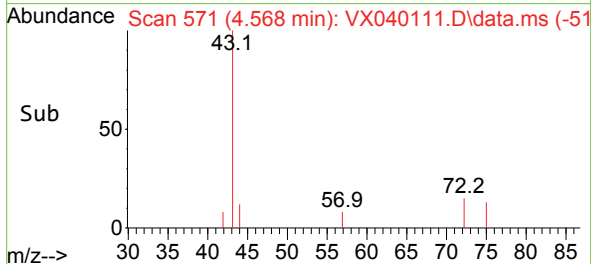
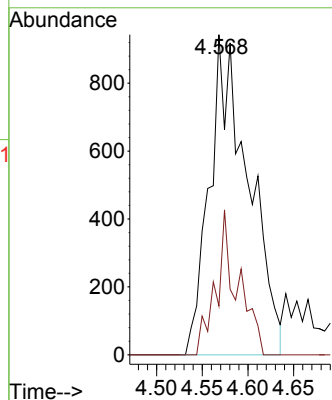
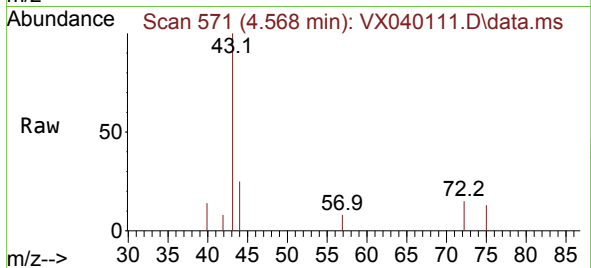
FRAC-TANK-A6014

Tgt Ion: 43 Resp: 2778

Ion Ratio Lower Upper

43 100

72 15.3 19.4 29.2#



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX040111.D

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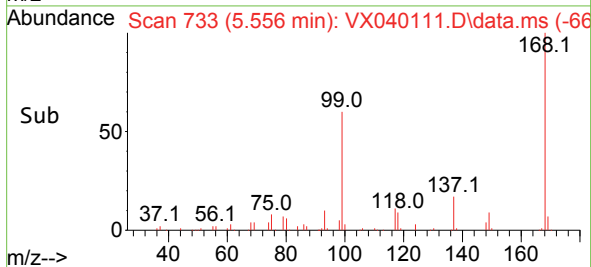
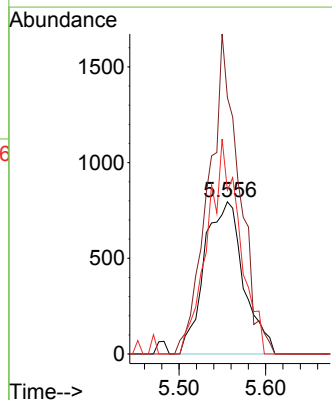
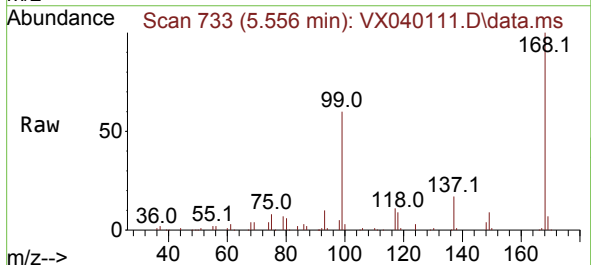
Tgt Ion: 56 Resp: 2502

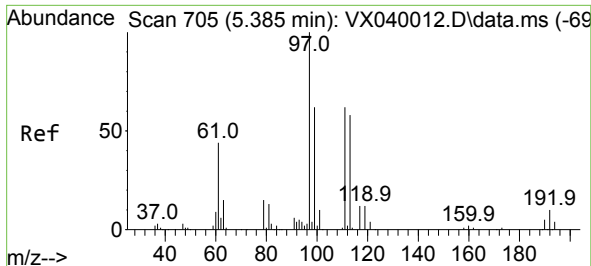
Ion Ratio Lower Upper

56 100

69 168.6 23.4 35.2#

84 107.5 65.9 98.9#

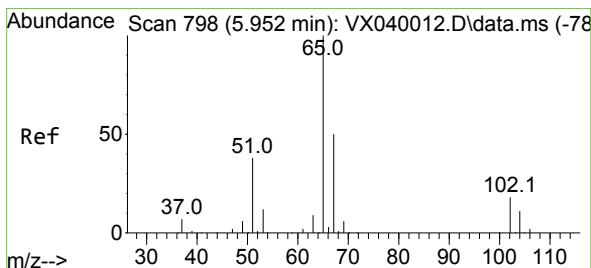
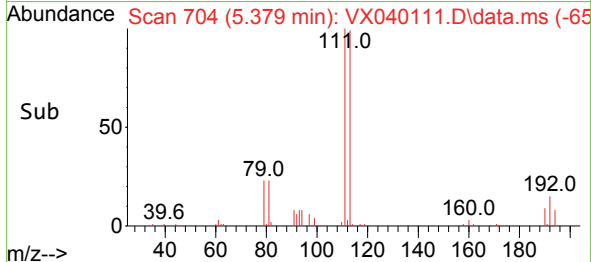
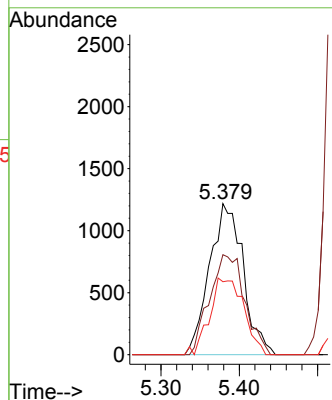
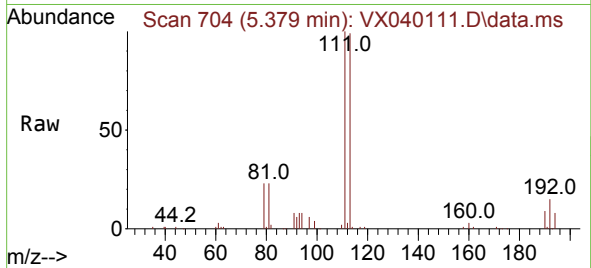




#32
1,1,1-Trichloroethane
Concen: 1.766 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

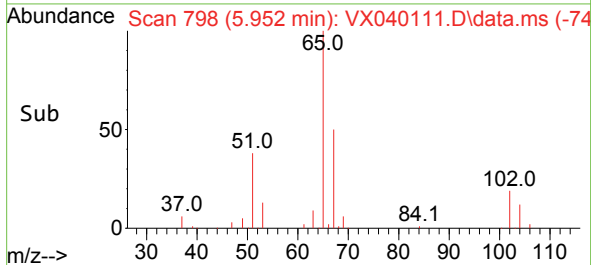
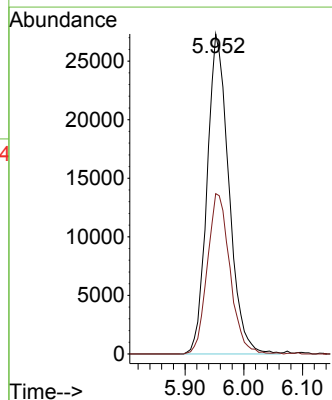
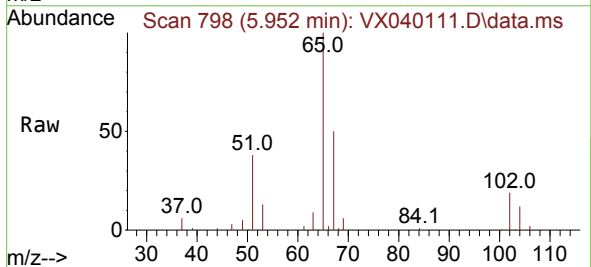
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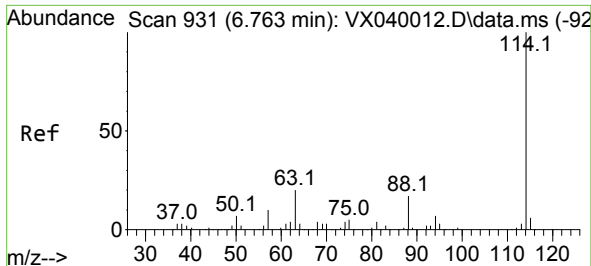
Tgt Ion: 97 Resp: 3631
Ion Ratio Lower Upper
97 100
99 69.3 51.1 76.7
61 51.0 36.4 54.6



#33
1,2-Dichloroethane-d4
Concen: 44.062 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 65 Resp: 70326
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

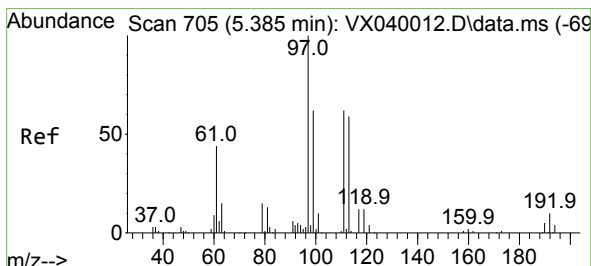
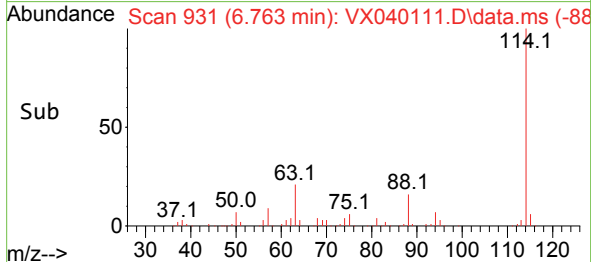
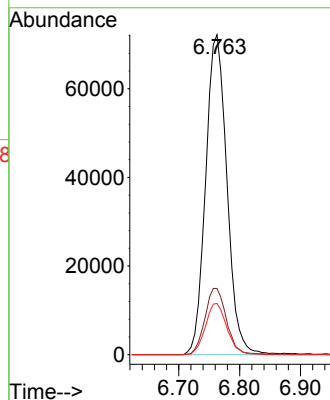
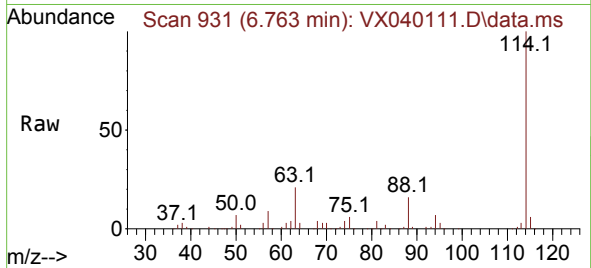




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

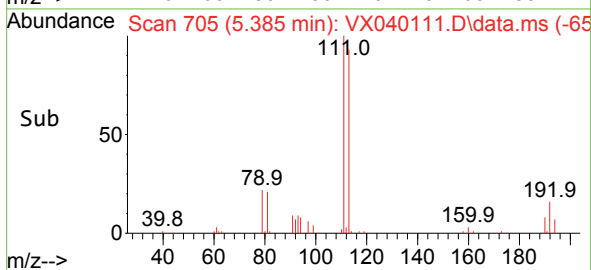
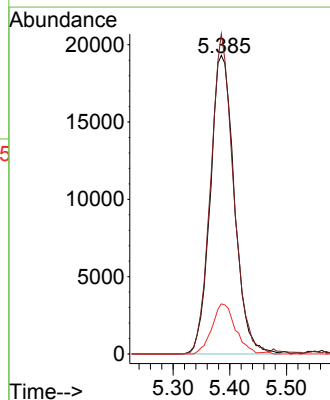
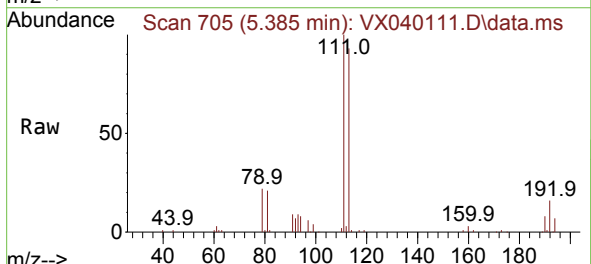
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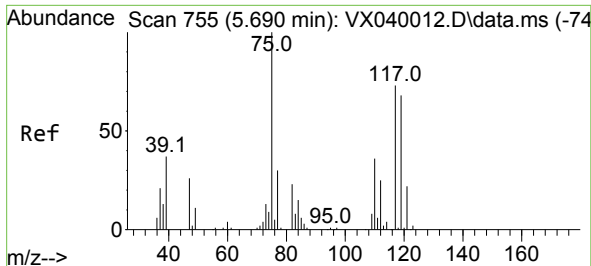
Tgt Ion:114 Resp: 175259
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.662 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion:113 Resp: 56863
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 16.4 13.3 19.9

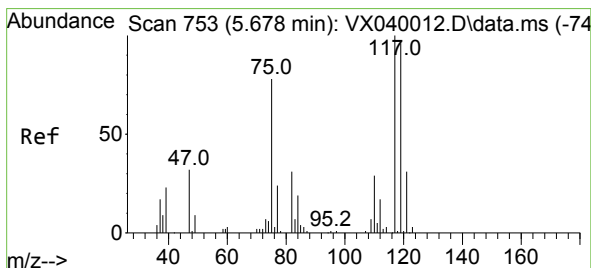
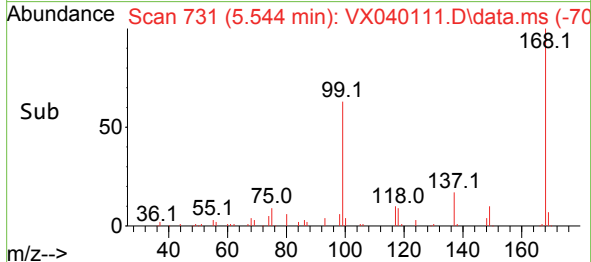
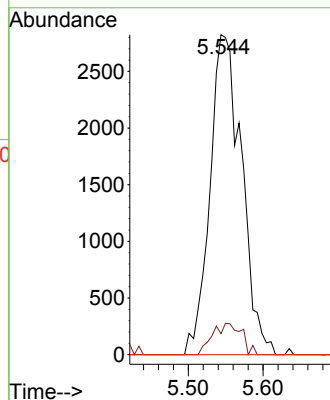
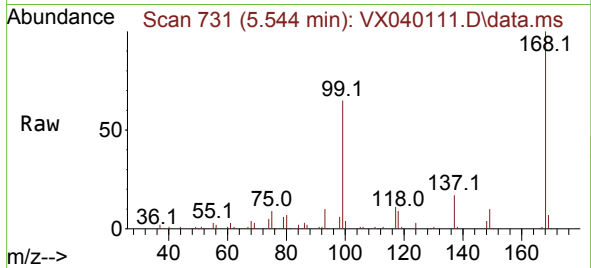




#36
1,1-Dichloropropene
Concen: 4.823 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

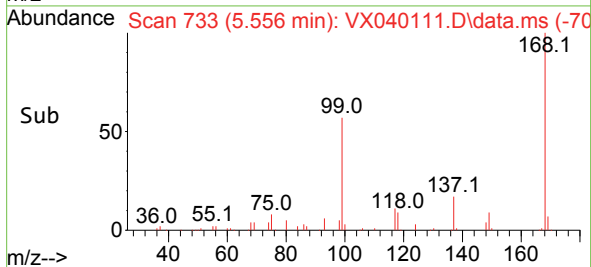
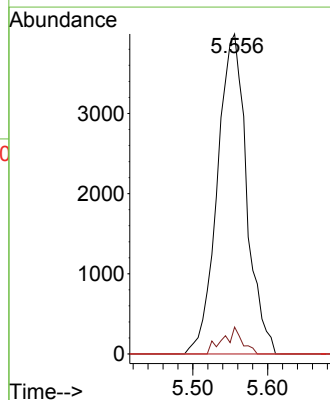
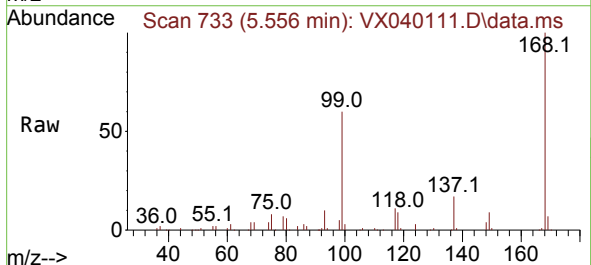
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

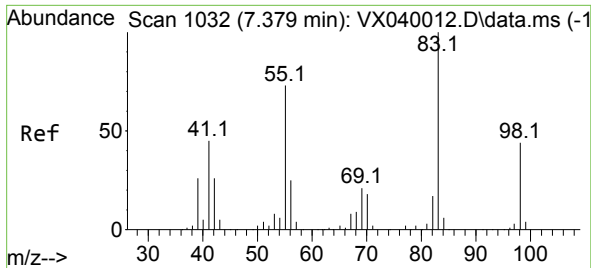
Tgt Ion: 75 Resp: 8321
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.591 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 117 Resp: 10882
Ion Ratio Lower Upper
117 100
119 8.4 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.230 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-A6014

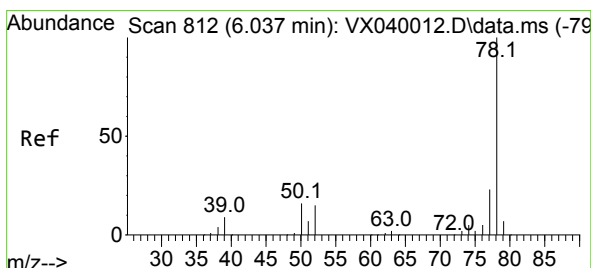
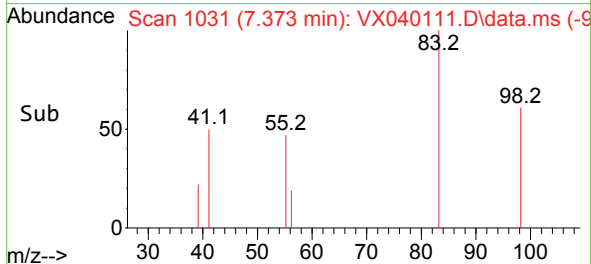
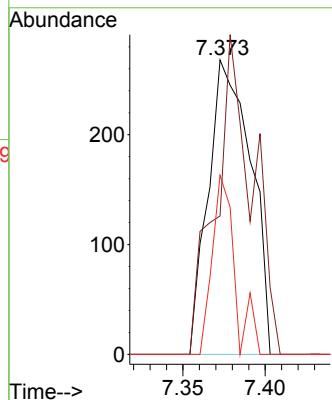
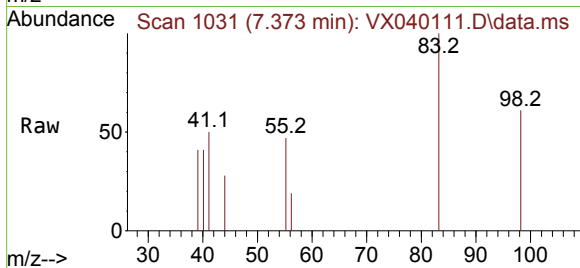
Tgt Ion: 83 Resp: 482

Ion Ratio Lower Upper

83 100

55 47.0 64.6 97.0#

98 60.8 36.7 55.1#



#40

Benzene

Concen: 0.808 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX040111.D

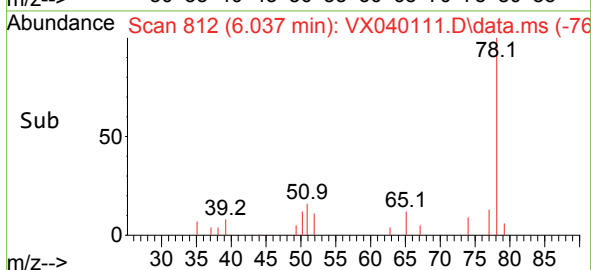
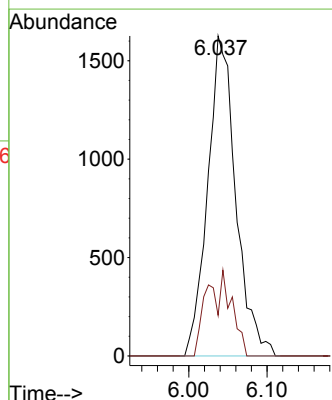
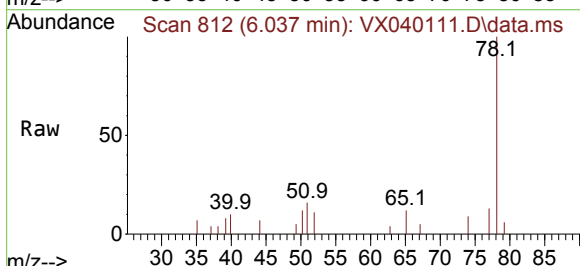
Acq: 05 Feb 2024 13:22

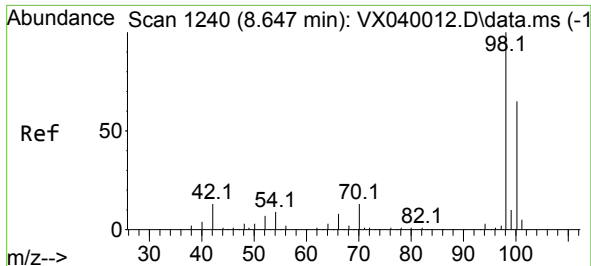
Tgt Ion: 78 Resp: 4061

Ion Ratio Lower Upper

78 100

77 12.7 19.3 28.9#

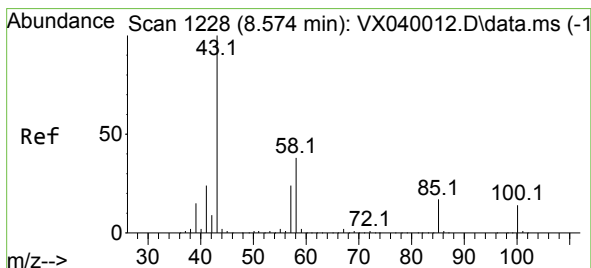
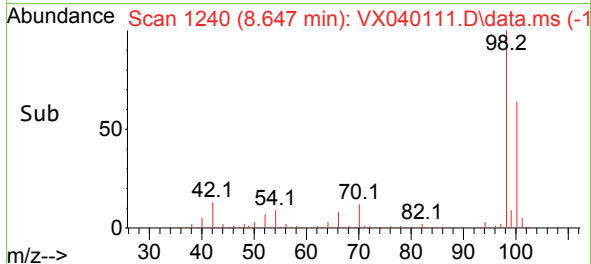
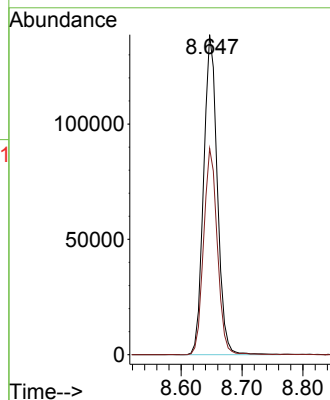
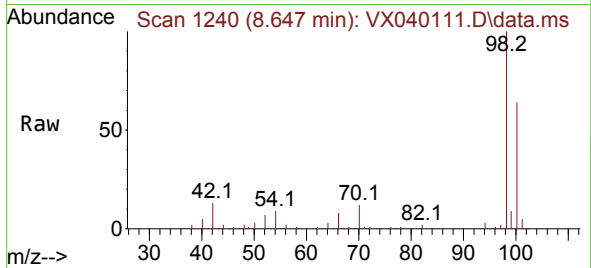




#50
Toluene-d8
Concen: 48.497 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

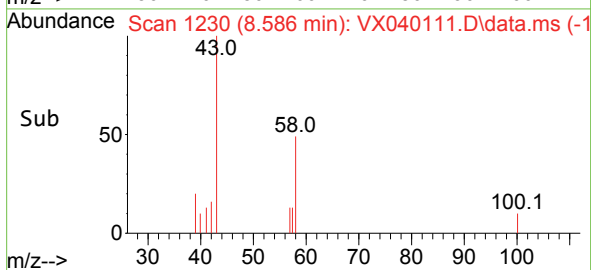
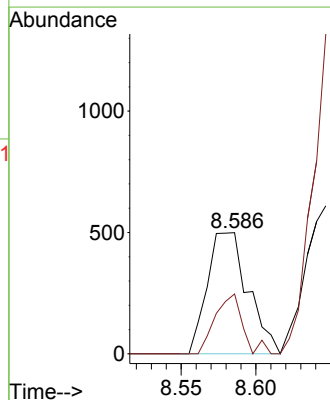
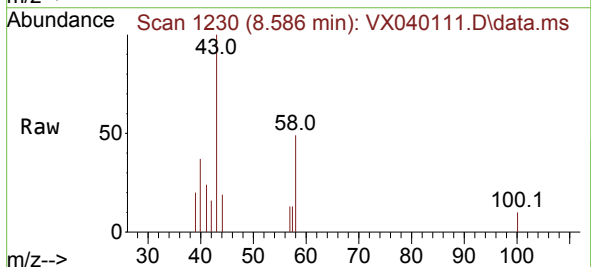
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

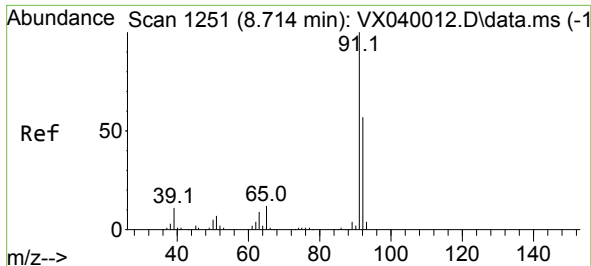
Tgt Ion: 98 Resp: 216377
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 33.3 30.4 45.6

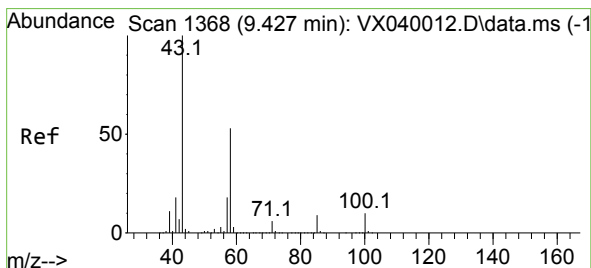
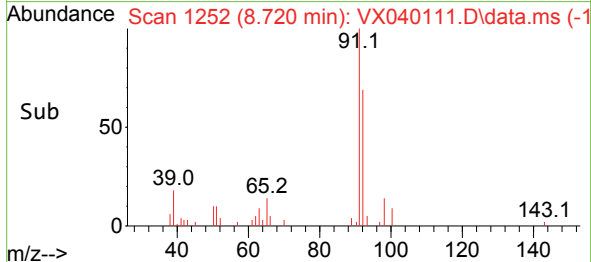
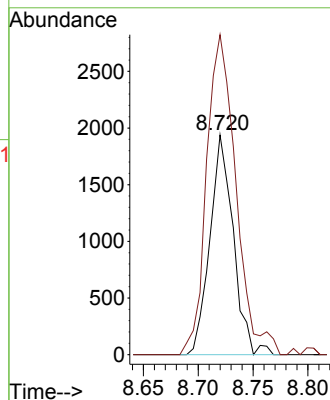
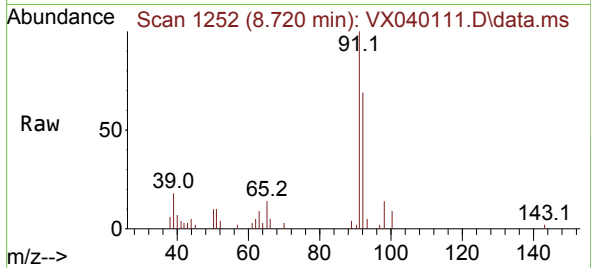




#52
Toluene
Concen: 0.919 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

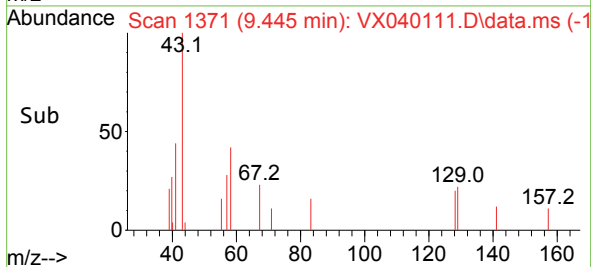
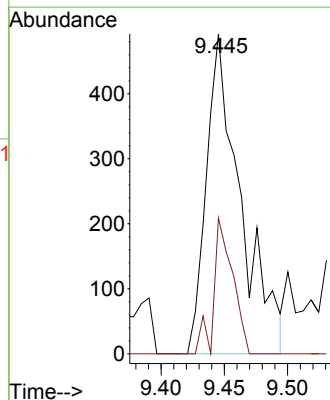
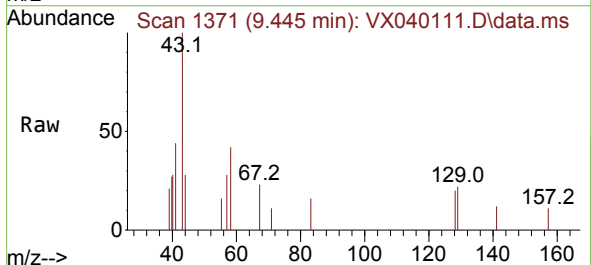
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

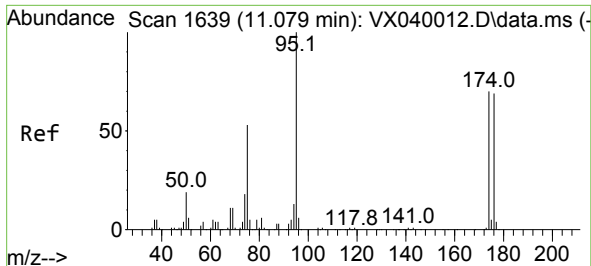
Tgt Ion: 92 Resp: 2878
Ion Ratio Lower Upper
92 100
91 182.8 134.2 201.2



#59
2-Hexanone
Concen: 0.573 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 23.5 26.2 78.5#

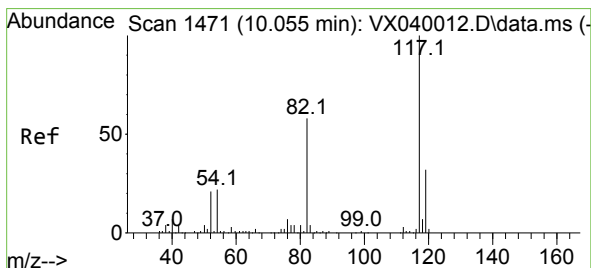
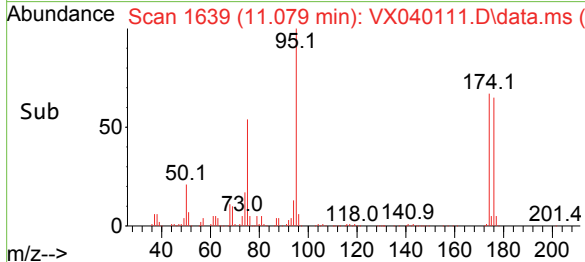
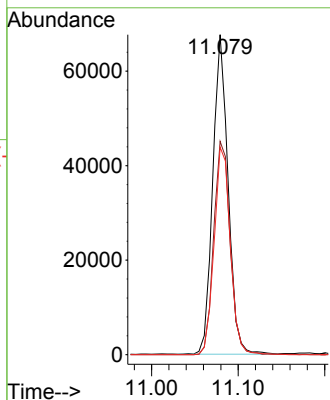
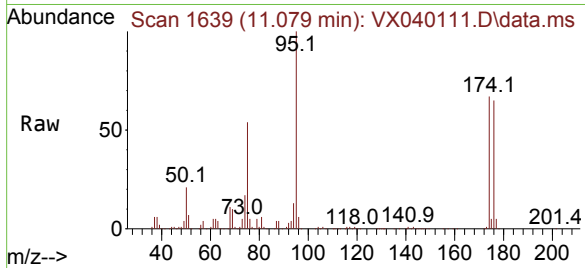




#62
4-Bromofluorobenzene
Concen: 48.316 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

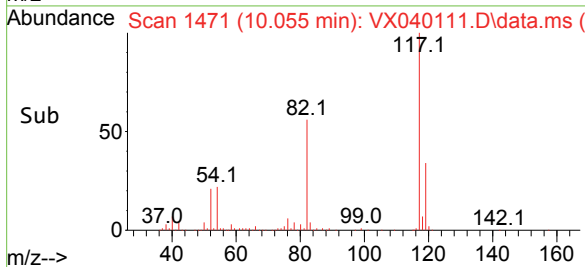
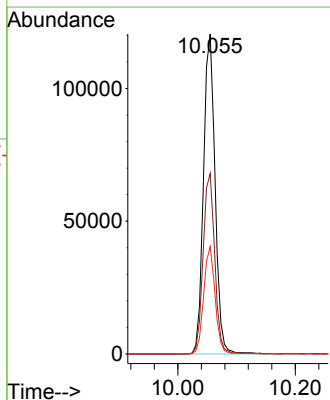
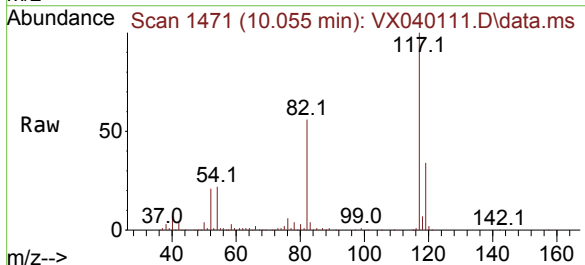
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

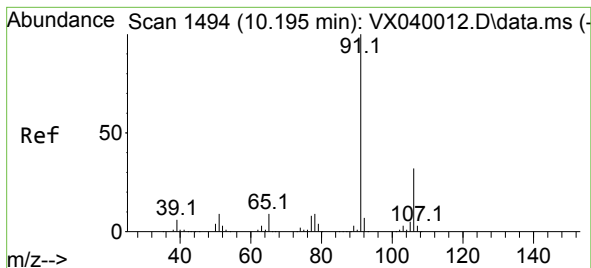
Tgt Ion:	95	Resp:	83005
Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	135.6
176	68.8	0.0	131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion:	117	Resp:	165560
Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.2	69.4
119	33.5	25.5	38.3





#67

Ethyl Benzene

Concen: 31.158 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

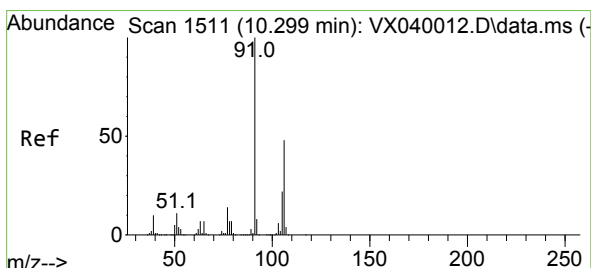
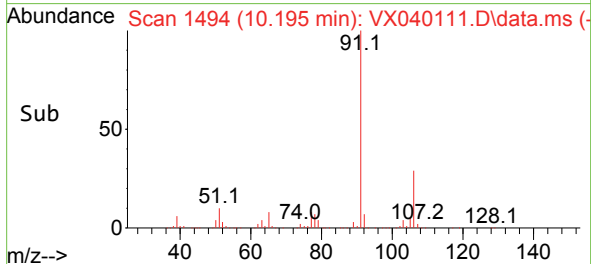
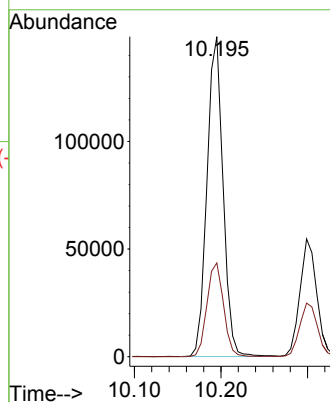
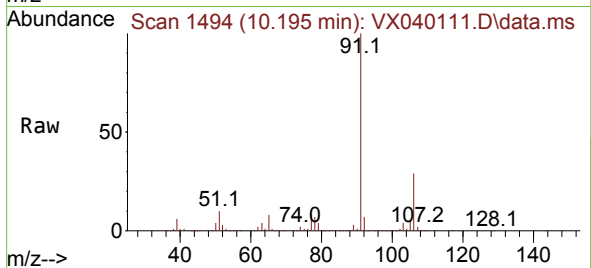
FRAC-TANK-A6014

Tgt Ion: 91 Resp: 191312

Ion Ratio Lower Upper

91 100

106 29.3 24.9 37.3



#68

m/p-Xylenes

Concen: 15.336 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040111.D

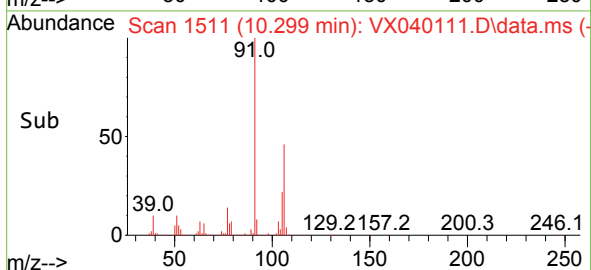
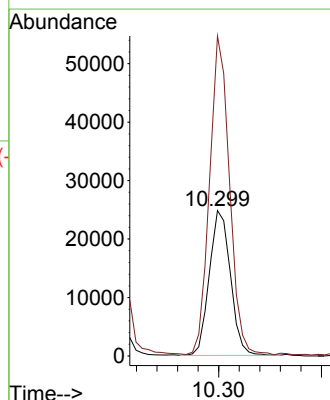
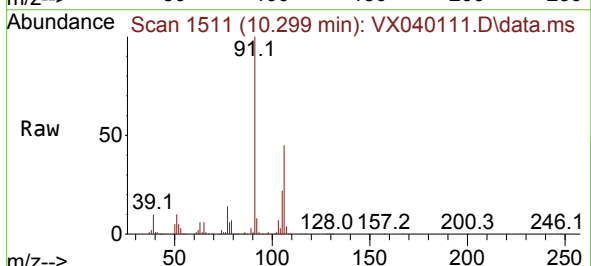
Acq: 05 Feb 2024 13:22

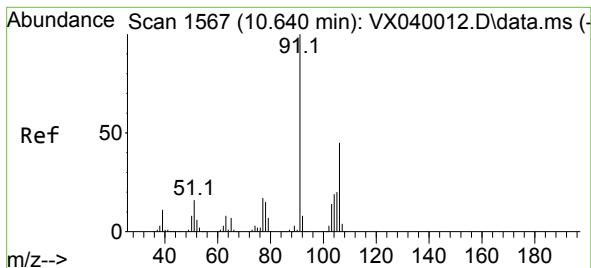
Tgt Ion:106 Resp: 35424

Ion Ratio Lower Upper

106 100

91 207.7 165.5 248.3





#69

o-Xylene

Concen: 9.098 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

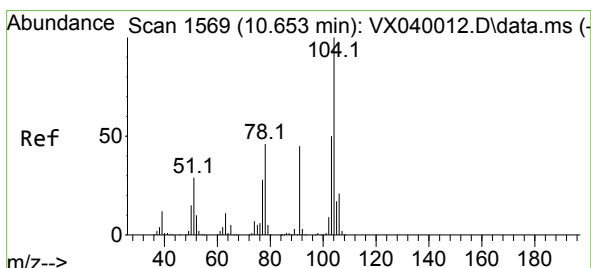
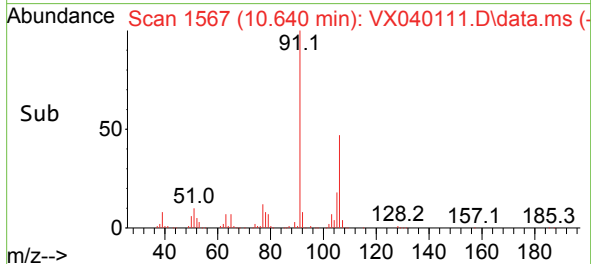
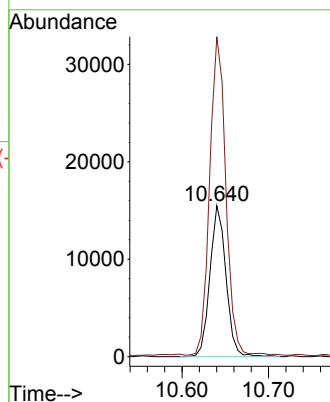
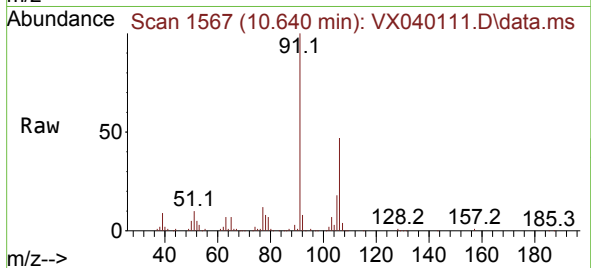
FRAC-TANK-A6014

Tgt Ion:106 Resp: 19935

Ion Ratio Lower Upper

106 100

91 212.2 108.9 326.8



#70

Styrene

Concen: 0.510 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.013 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

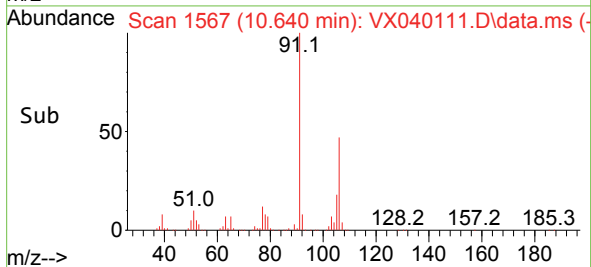
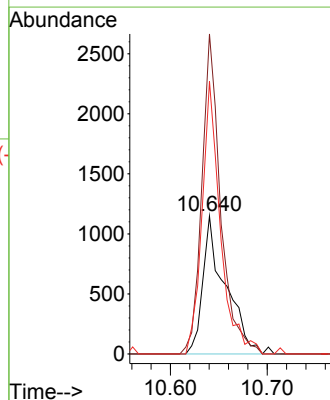
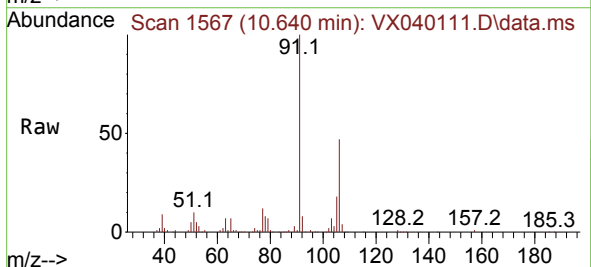
Tgt Ion:104 Resp: 1884

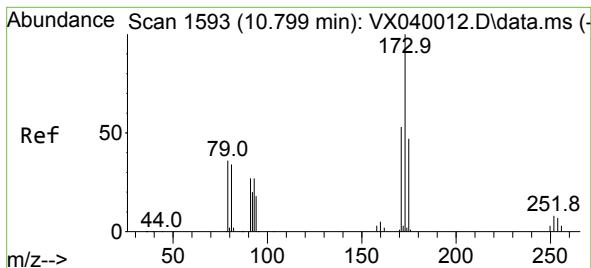
Ion Ratio Lower Upper

104 100

78 191.2 43.6 65.4#

103 160.3 43.6 65.4#





#71

Bromoform

Concen: 0.623 ug/l

RT: 10.945 min Scan# 1

Delta R.T. 0.146 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

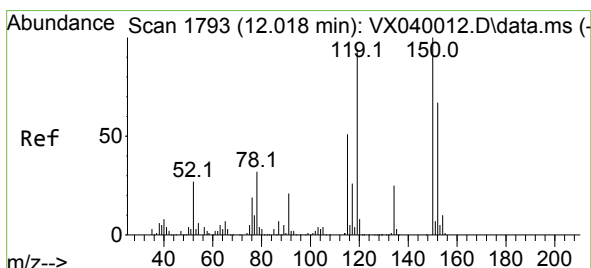
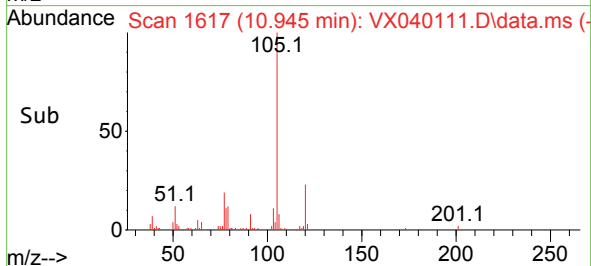
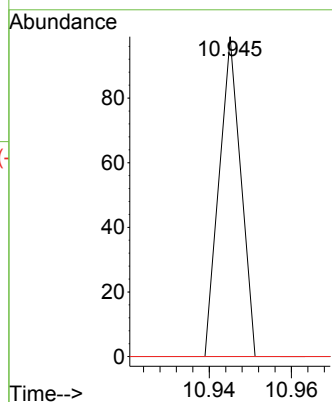
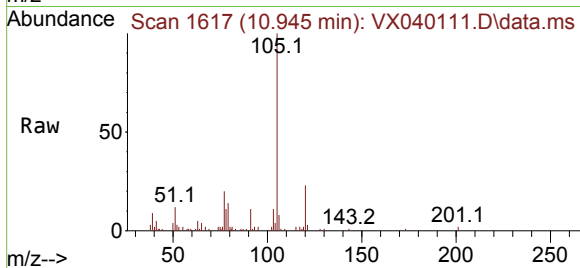
MSVOA_X

ClientSampleId :

FRAC-TANK-A6014

Tgt Ion:173 Resp: 36

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.4#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

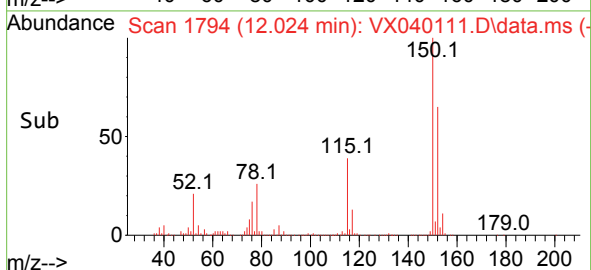
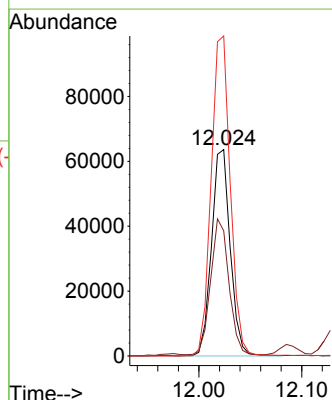
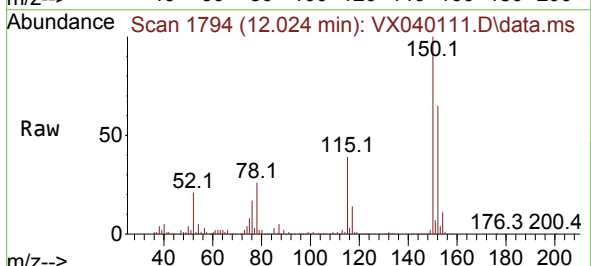
Delta R.T. 0.006 min

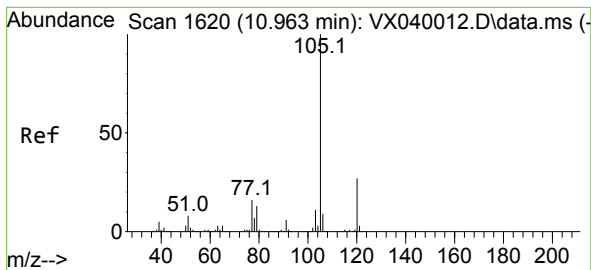
Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Tgt Ion:152 Resp: 80603

Ion	Ratio	Lower	Upper
152	100		
115	64.0	43.3	129.9
150	158.5	0.0	345.0





#73

Isopropylbenzene

Concen: 14.058 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

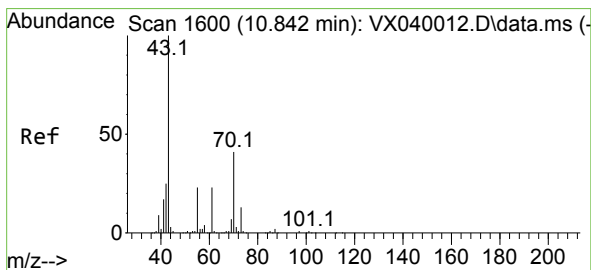
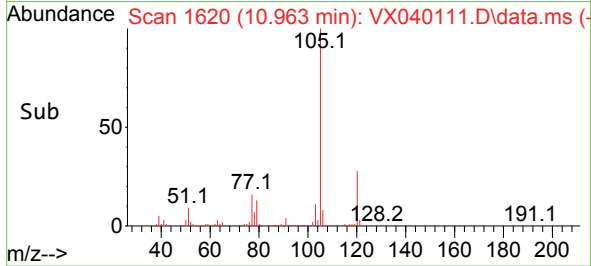
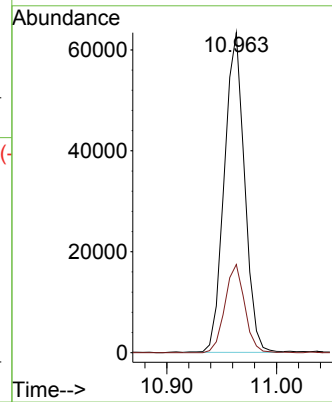
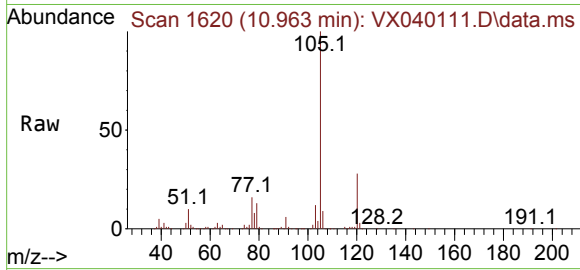
FRAC-TANK-A6014

Tgt Ion:105 Resp: 81369

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#74

N-ethyl acetate

Concen: 0.379 ug/l

RT: 10.860 min Scan# 1603

Delta R.T. 0.018 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Tgt Ion: 43 Resp: 473

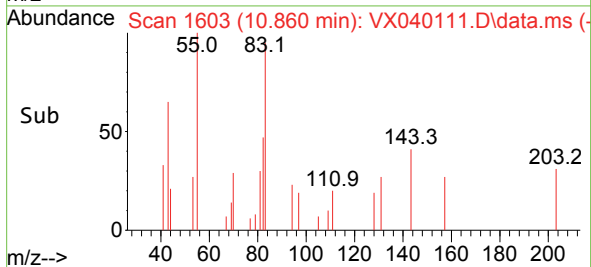
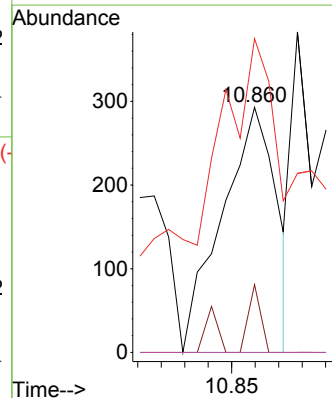
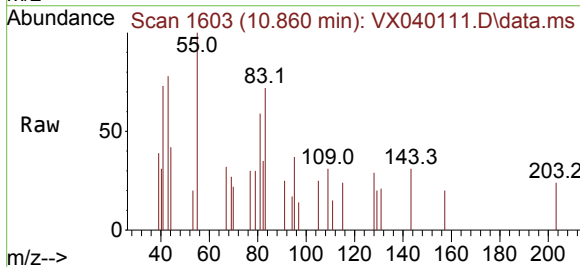
Ion Ratio Lower Upper

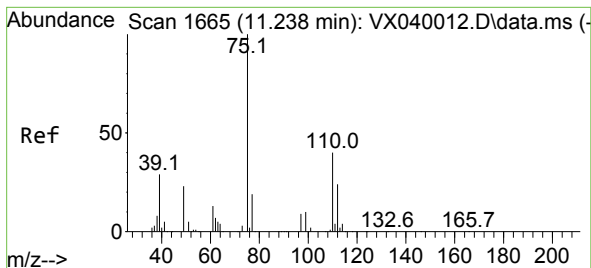
43 100

70 6.3 32.9 49.3#

55 107.8 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 26.300 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

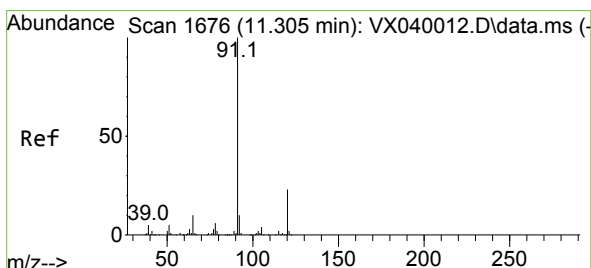
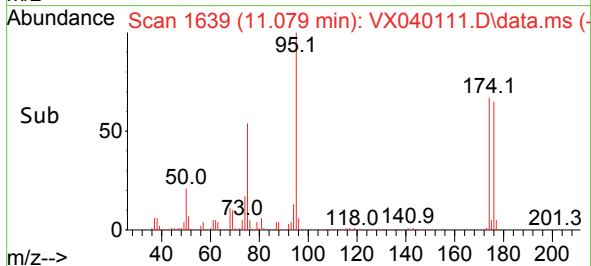
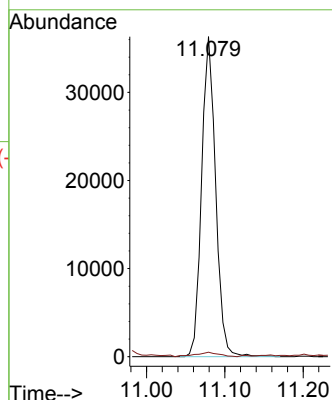
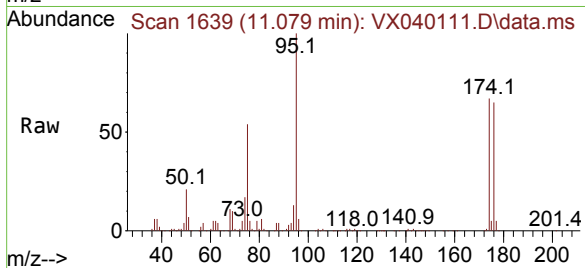
FRAC-TANK-A6014

Tgt Ion: 75 Resp: 45142

Ion Ratio Lower Upper

75 100

77 2.3 19.1 57.5#



#78

n-propylbenzene

Concen: 2.323 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040111.D

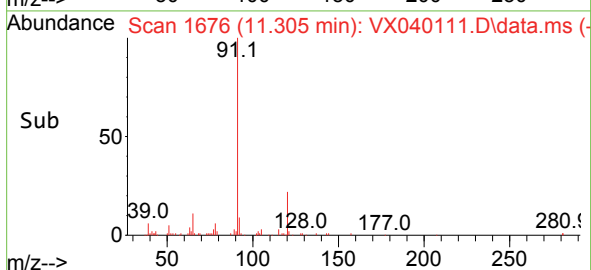
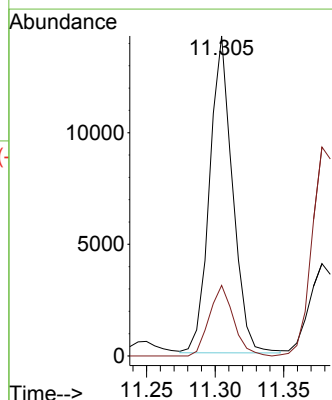
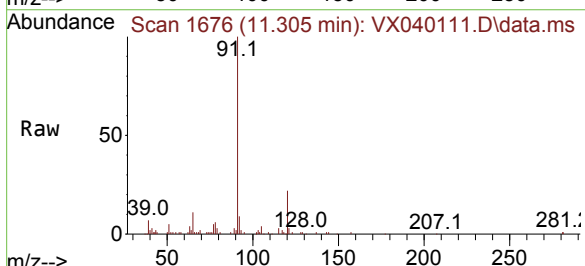
Acq: 05 Feb 2024 13:22

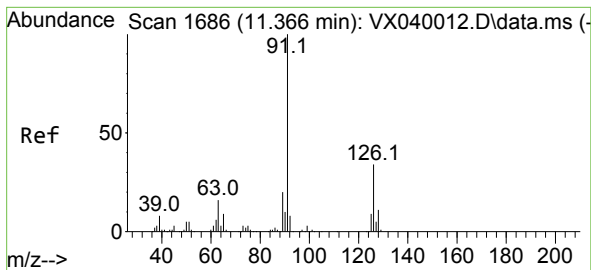
Tgt Ion: 91 Resp: 16543

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.410 ug/l

RT: 11.396 min Scan# 1

Delta R.T. 0.030 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

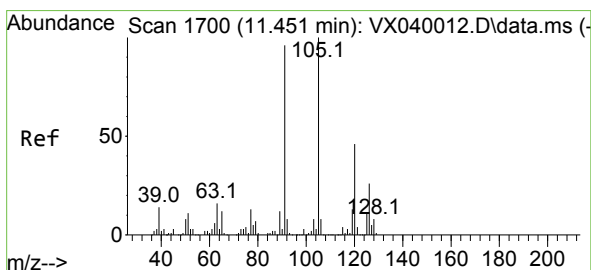
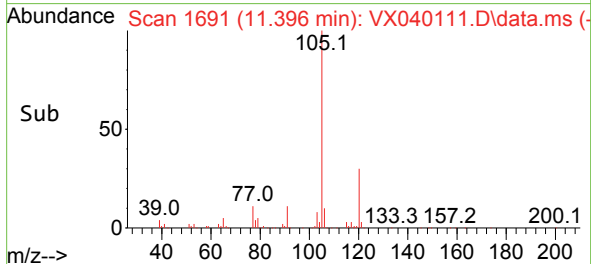
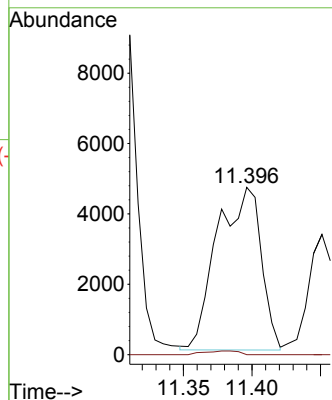
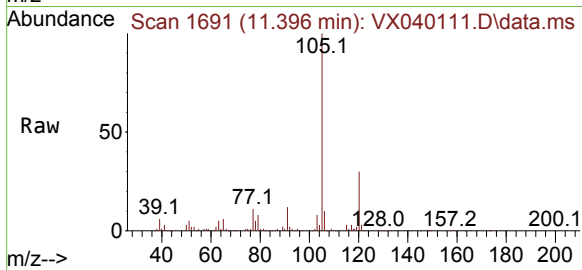
FRAC-TANK-A6014

Tgt Ion: 91 Resp: 10332

Ion Ratio Lower Upper

91 100

126 1.8 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 7.129 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040111.D

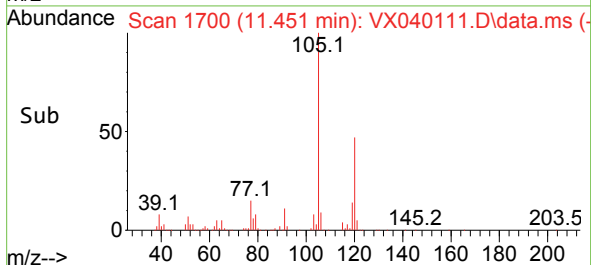
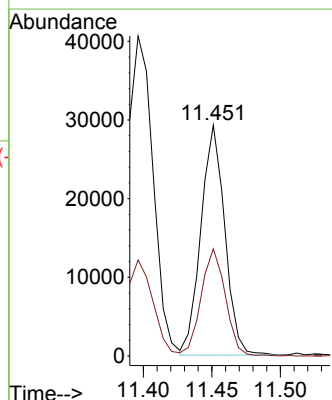
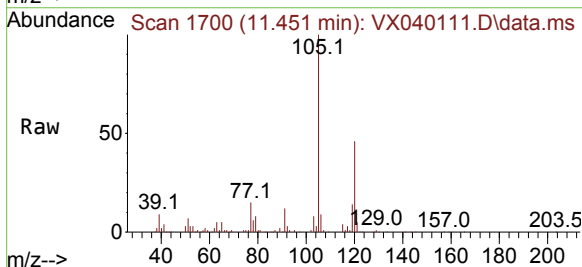
Acq: 05 Feb 2024 13:22

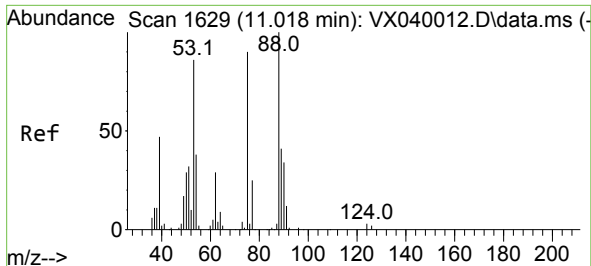
Tgt Ion:105 Resp: 35468

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.3

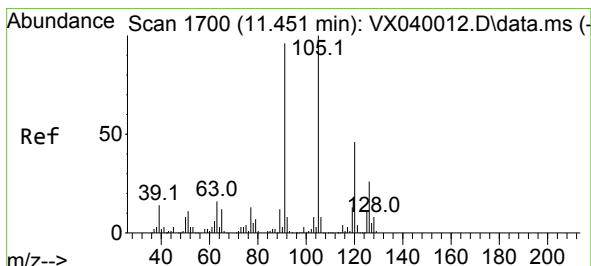
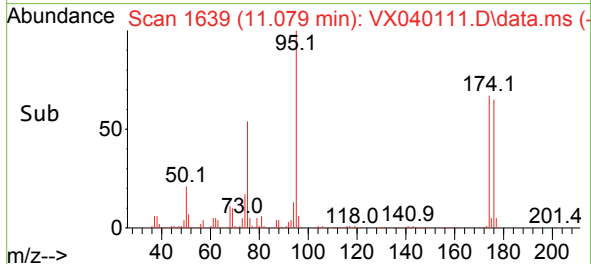
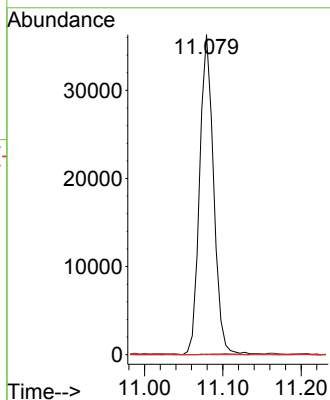
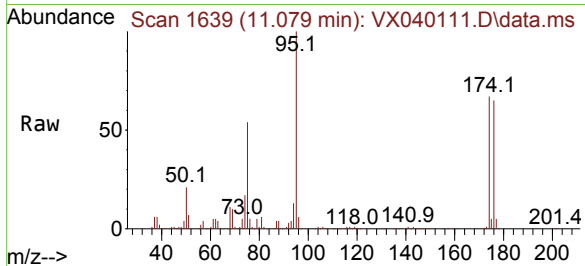




#81
trans-1,4-Dichloro-2-butene
Concen: 77.121 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

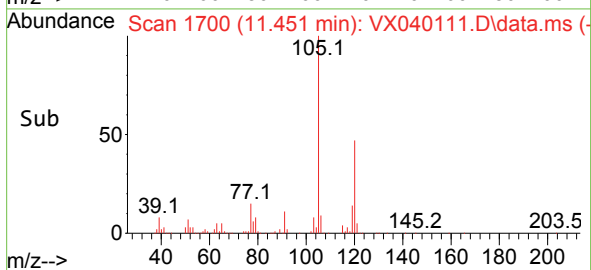
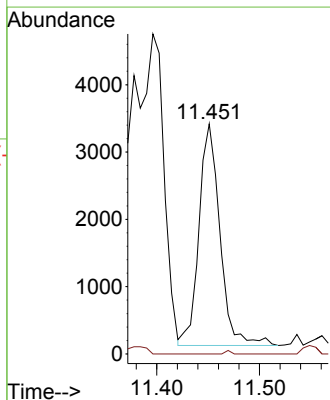
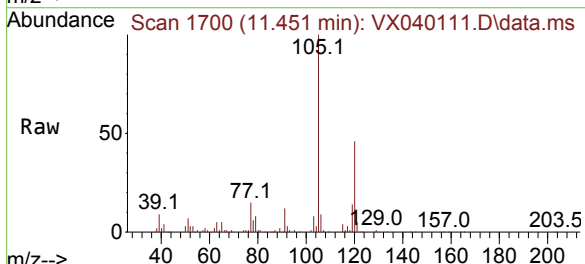
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

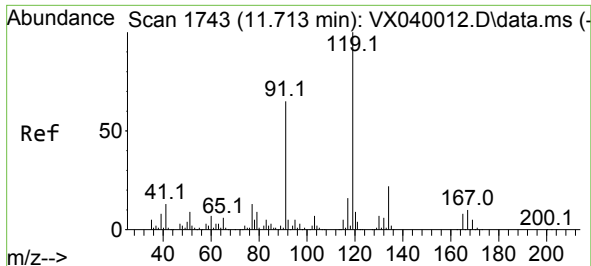
Tgt Ion: 75 Resp: 45142
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.952 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 91 Resp: 4686
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#

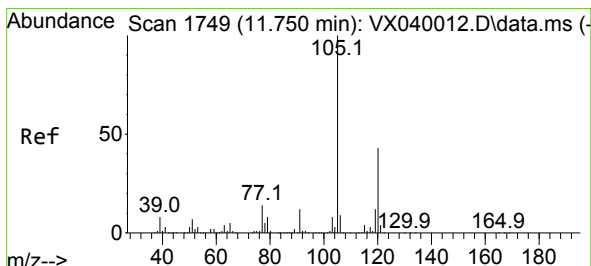
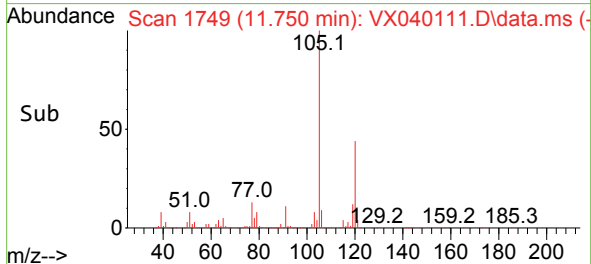
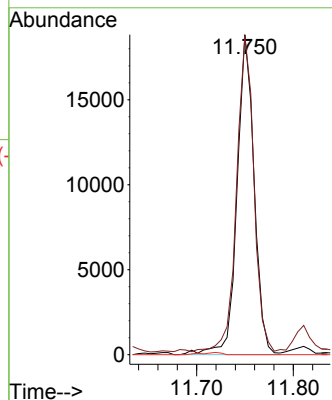
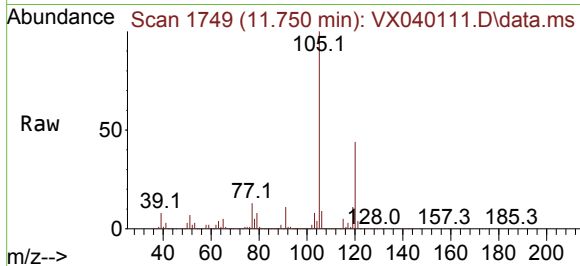




#83
tert-Butylbenzene
Concen: 4.864 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.036 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

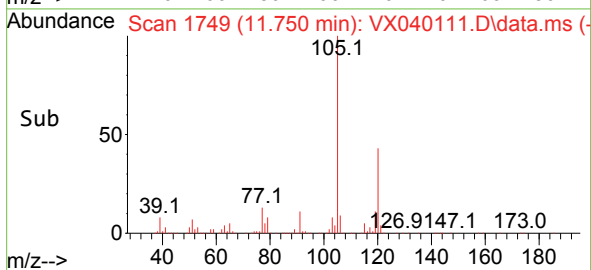
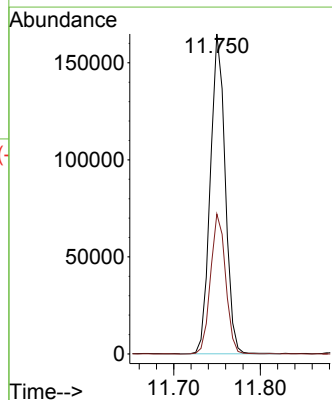
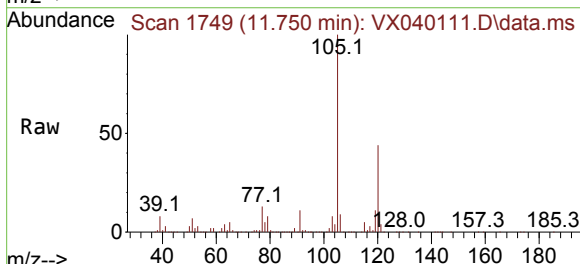
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

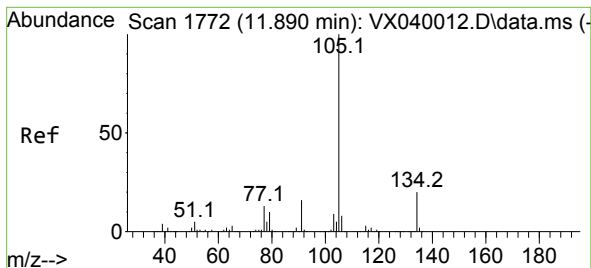
Tgt Ion:119 Resp: 23159
Ion Ratio Lower Upper
119 100
91 100.1 31.2 93.6#
134 0.0 11.7 35.0#



#84
1,2,4-Trimethylbenzene
Concen: 39.624 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion:105 Resp: 196725
Ion Ratio Lower Upper
105 100
120 44.3 21.2 63.6





#85

sec-Butylbenzene

Concen: 31.188 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

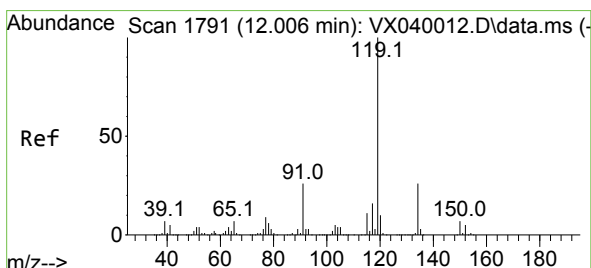
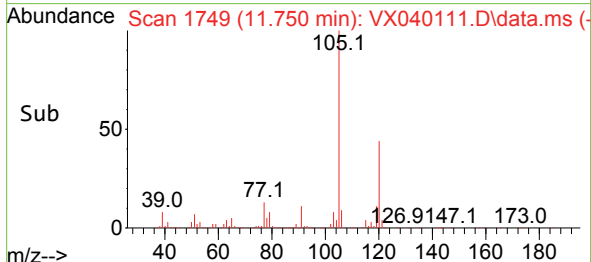
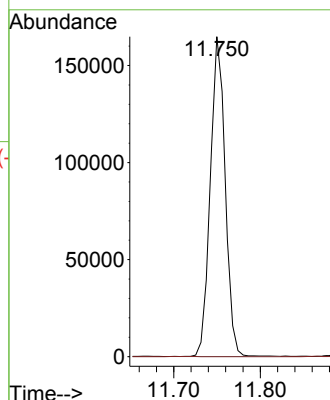
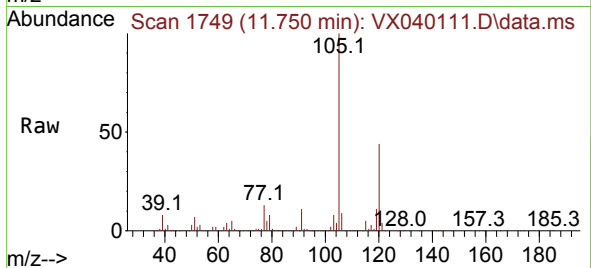
FRAC-TANK-A6014

Tgt Ion:105 Resp: 196725

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 1.752 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX040111.D

Acq: 05 Feb 2024 13:22

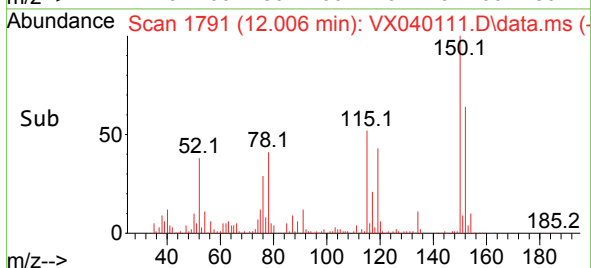
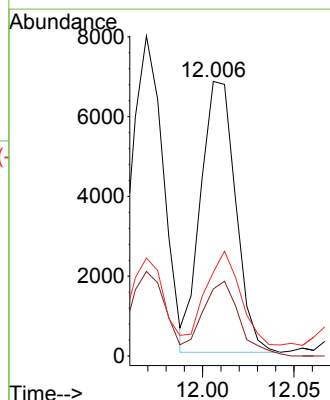
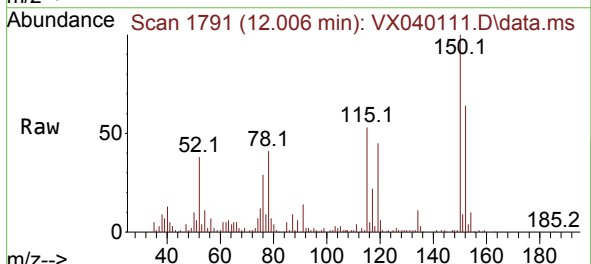
Tgt Ion:119 Resp: 9026

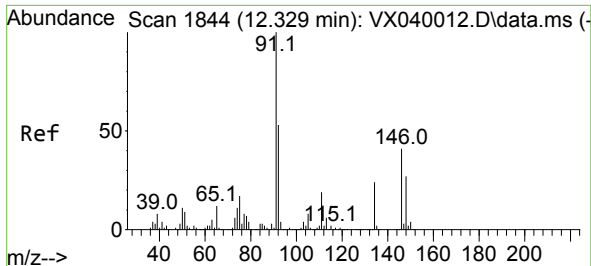
Ion Ratio Lower Upper

119 100

134 29.1 12.8 38.3

91 0.0 13.1 39.3#

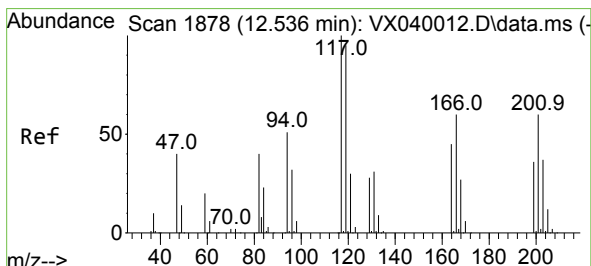
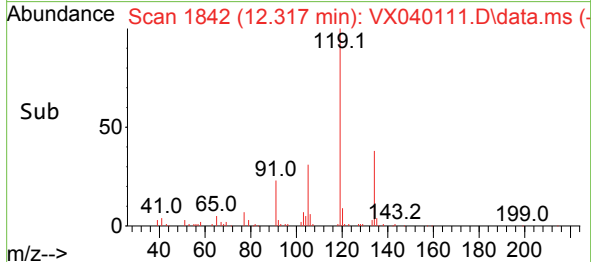
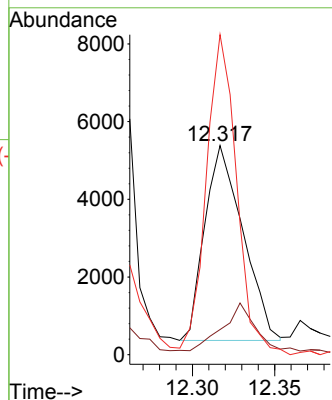
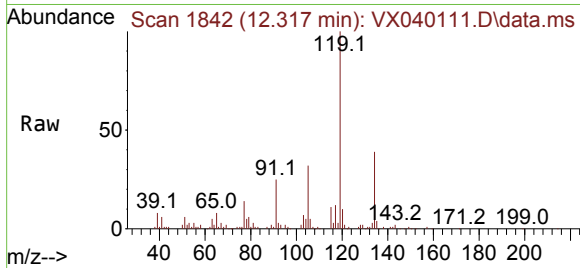




#89
n-Butylbenzene
Concen: 1.626 ug/l
RT: 12.317 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

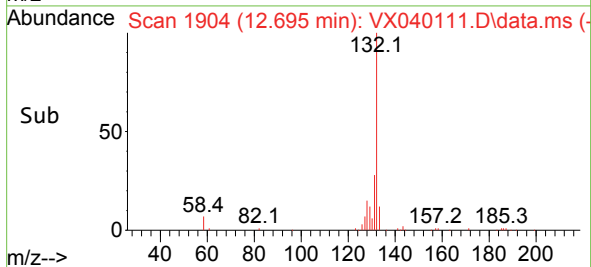
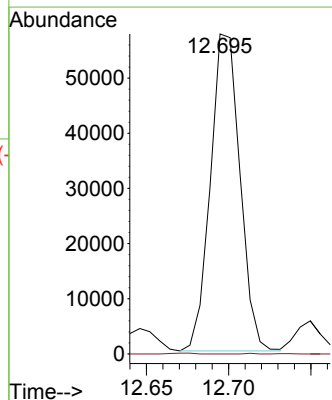
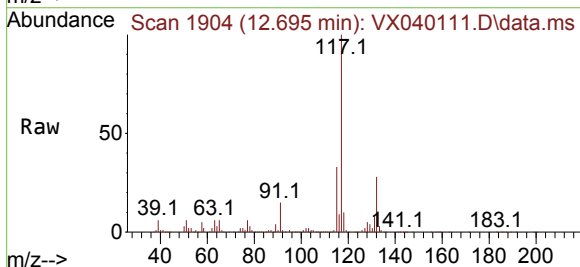
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

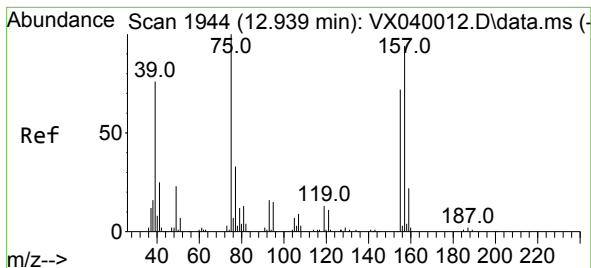
Tgt Ion: 91 Resp: 8130
Ion Ratio Lower Upper
91 100
92 27.8 27.4 82.0
134 128.7 12.6 37.8#



#90
Hexachloroethane
Concen: 81.079 ug/l
RT: 12.695 min Scan# 1904
Delta R.T. 0.159 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 117 Resp: 72012
Ion Ratio Lower Upper
117 100
201 0.1 32.9 98.6#

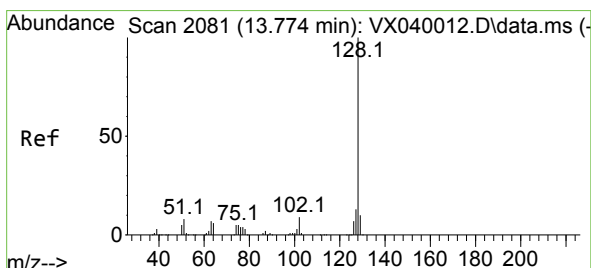
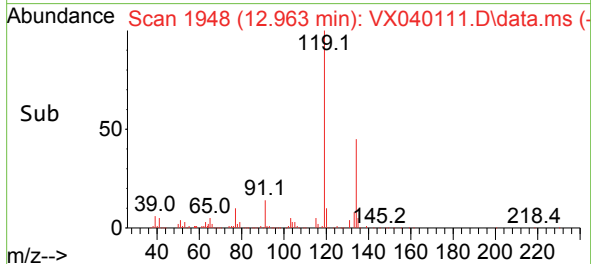
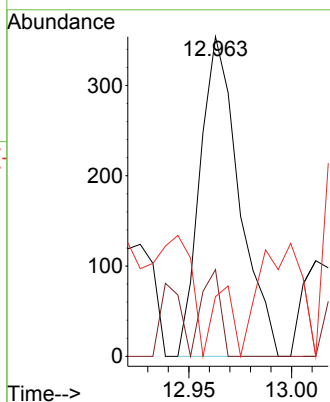
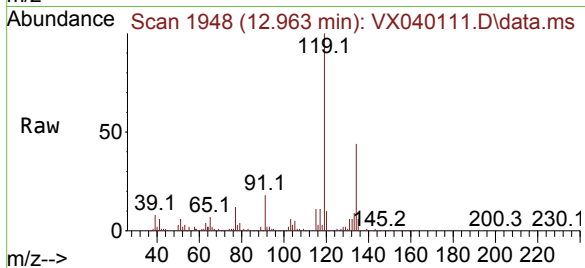




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.955 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.024 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

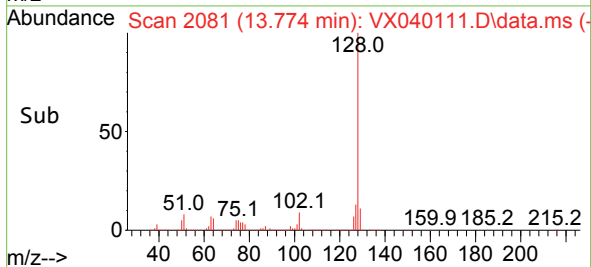
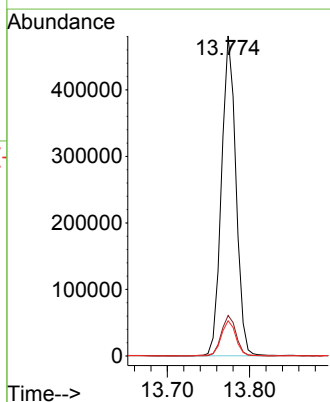
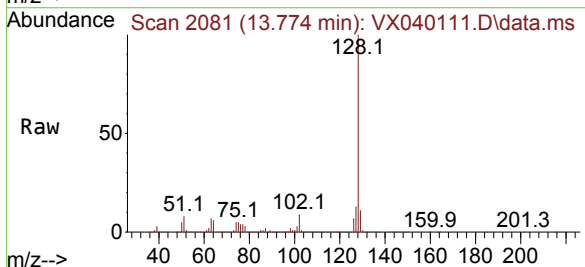
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-A6014

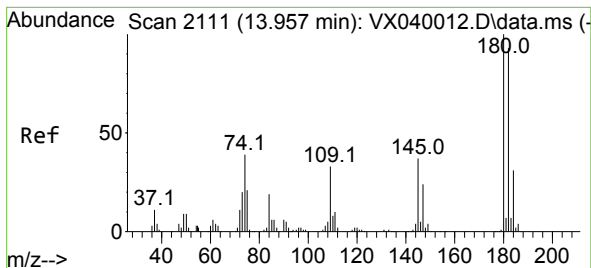
Tgt Ion: 75 Resp: 471
Ion Ratio Lower Upper
75 100
155 13.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 106.548 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040111.D
Acq: 05 Feb 2024 13:22

Tgt Ion: 128 Resp: 587478
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.278 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.012 min

Lab File: VX040111.D

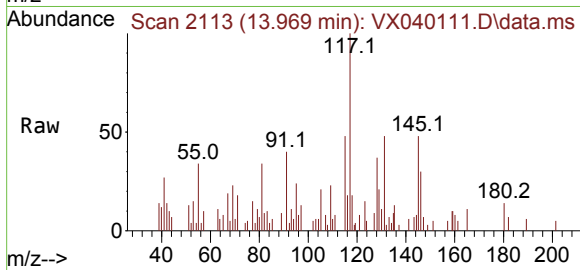
Acq: 05 Feb 2024 13:22

Instrument :

MSVOA_X

ClientSampleId :

FRAC-TANK-A6014



Tgt Ion:180 Resp: 447

Ion Ratio Lower Upper

180 100

182 58.6 46.9 140.6

145 287.7 17.8 53.5#

