

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041309.D
 Acq On : 30 Apr 2024 18:58
 Operator : JC/MD
 Sample : P2264-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-042324

Quant Time: May 01 02:50:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

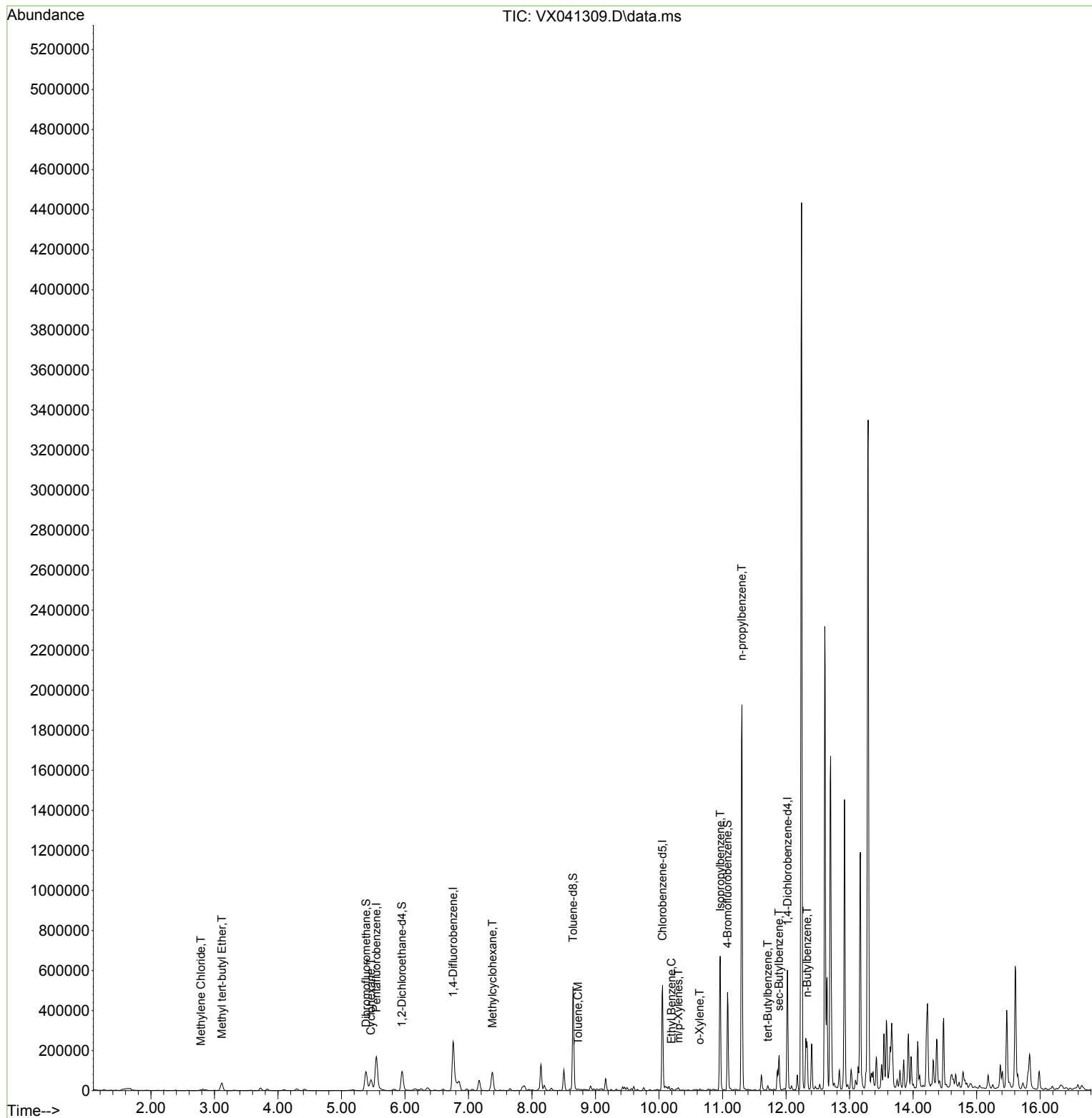
Internal Standards						
1) Pentafluorobenzene	5.550	168	181314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	265318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97103	49.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.380%
35) Dibromofluoromethane	5.385	113	81489	45.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.640%
50) Toluene-d8	8.647	98	308874	54.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.560%
62) 4-Bromofluorobenzene	11.079	95	120934	54.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.800%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	3.117	73	38172	7.453	ug/l	92
20) Methylene Chloride	2.788	84	570	0.333	ug/l	# 81
31) Cyclohexane	5.464	56	36283	15.230	ug/l	94
39) Methylcyclohexane	7.379	83	40798	16.153	ug/l	97
52) Toluene	8.726	92	2067	0.510	ug/l	98
67) Ethyl Benzene	10.195	91	5675	0.673	ug/l	99
68) m/p-Xylenes	10.305	106	2782	0.824	ug/l	91
69) o-Xylene	10.640	106	1853	0.573	ug/l	99
73) Isopropylbenzene	10.964	105	354684	41.393	ug/l	97
78) n-propylbenzene	11.305	91	1180021	131.119	ug/l	96
83) tert-Butylbenzene	11.713	119	7768	1.038	ug/l	95
85) sec-Butylbenzene	11.890	105	90190	10.521	ug/l	99
89) n-Butylbenzene	12.329	91	112397	18.156	ug/l	# 76

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

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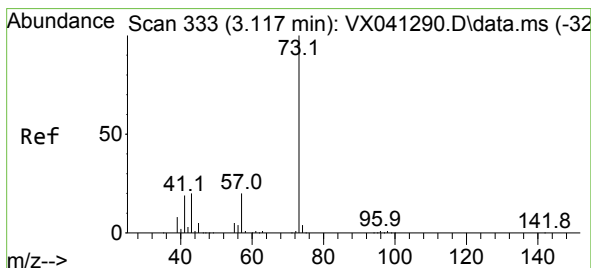
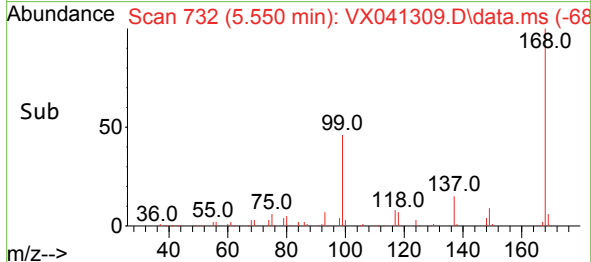
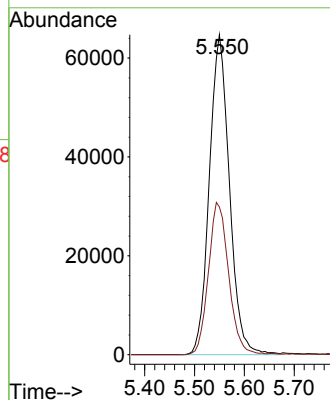
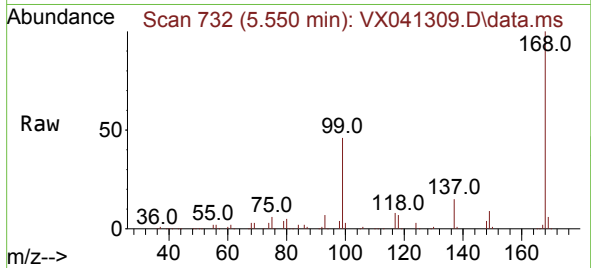




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

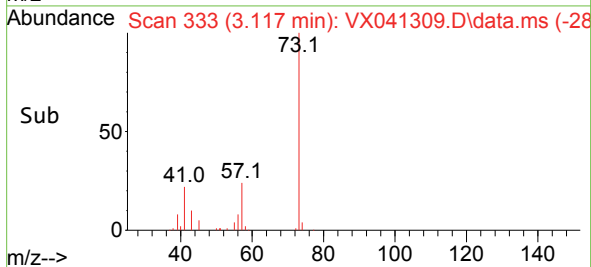
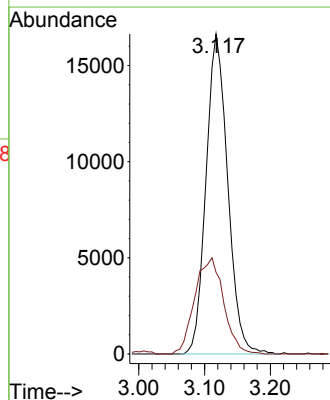
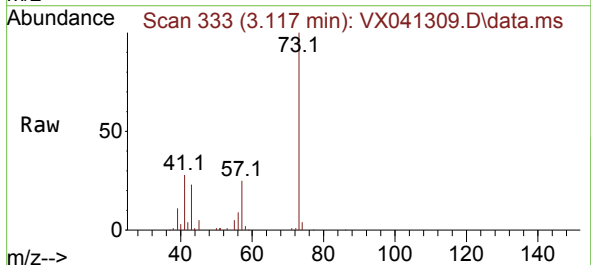
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-042324

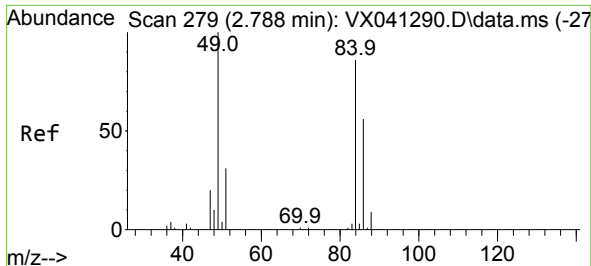
Tgt Ion:168 Resp: 181314
Ion Ratio Lower Upper
168 100
99 46.2 56.6 85.0#



#19
Methyl tert-butyl Ether
Concen: 7.453 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

Tgt Ion: 73 Resp: 38172
Ion Ratio Lower Upper
73 100
57 25.5 17.3 25.9



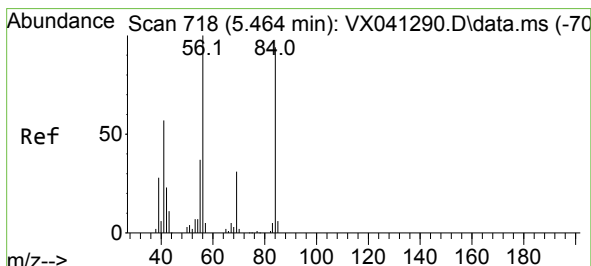
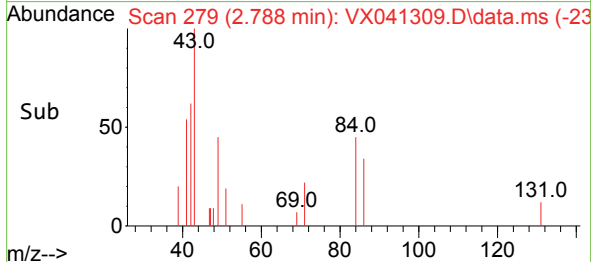
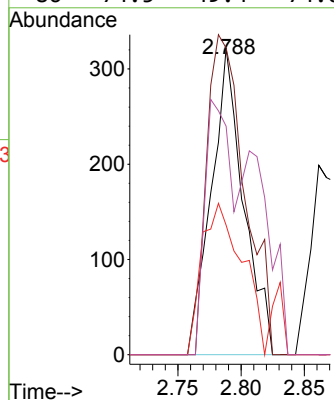
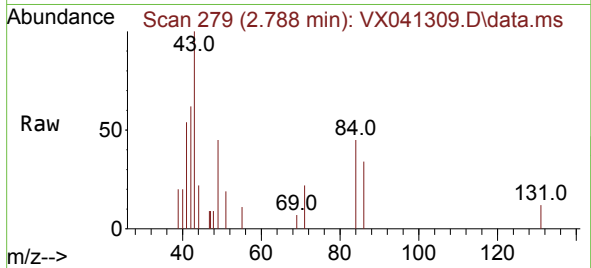


#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-042324

Tgt Ion: 84 Resp: 570

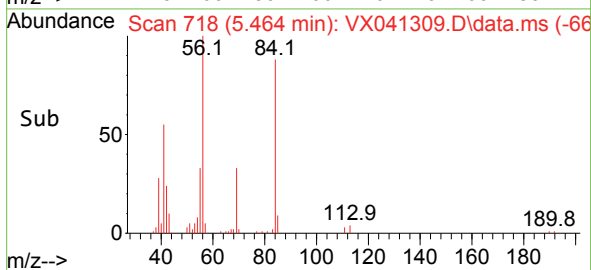
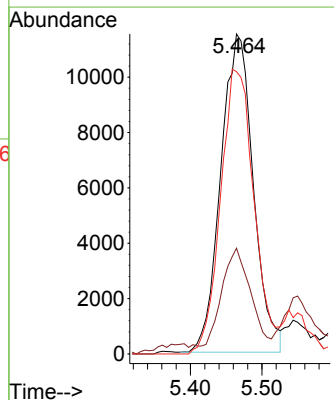
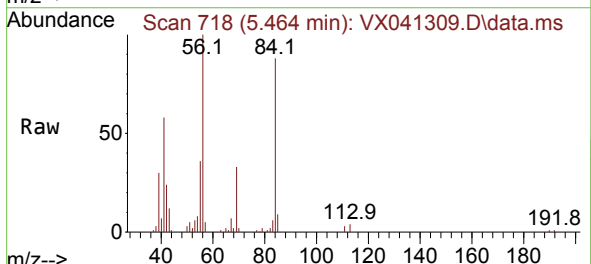
Ion	Ratio	Lower	Upper
84	100		
49	100.0	103.6	155.4#
51	42.2	33.8	50.6
86	74.5	49.4	74.0#

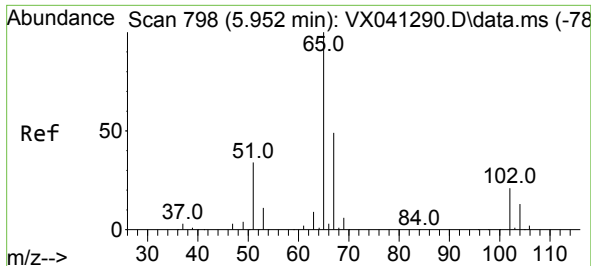


#31
Cyclohexane
Concen: 15.230 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

Tgt Ion: 56 Resp: 36283

Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.4	35.2
84	88.7	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 49.195 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041309.D

Acq: 30 Apr 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

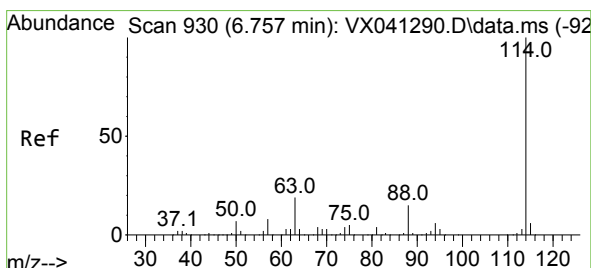
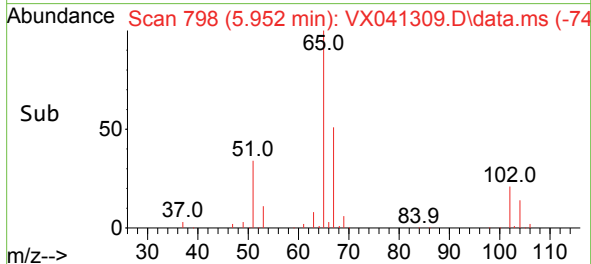
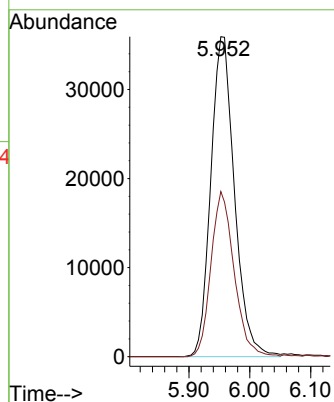
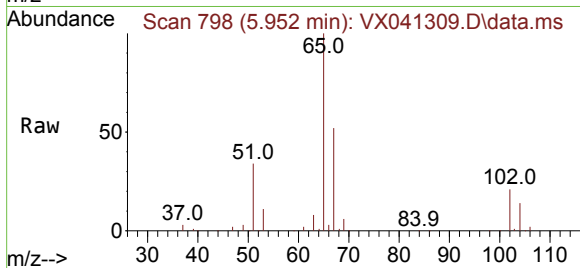
T11-MW-5-9.0-042324

Tgt Ion: 65 Resp: 97103

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041309.D

Acq: 30 Apr 2024 18:58

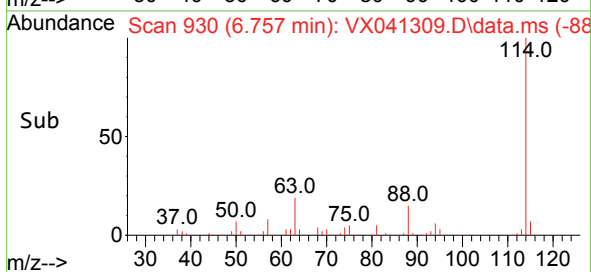
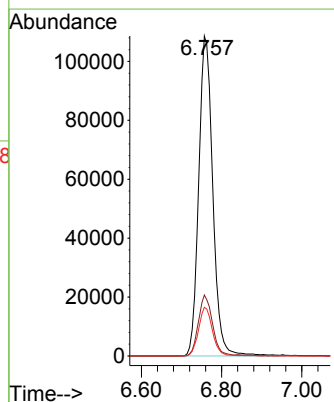
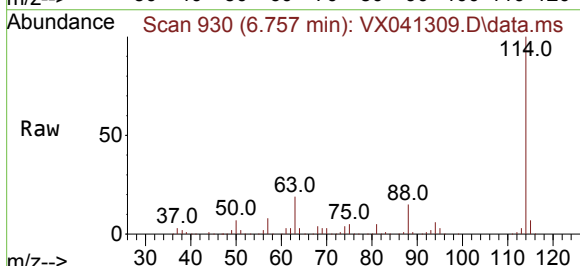
Tgt Ion: 114 Resp: 265318

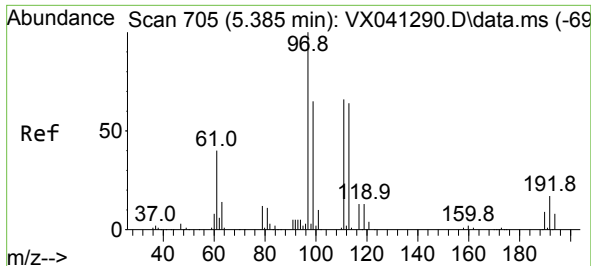
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 15.2 0.0 36.6

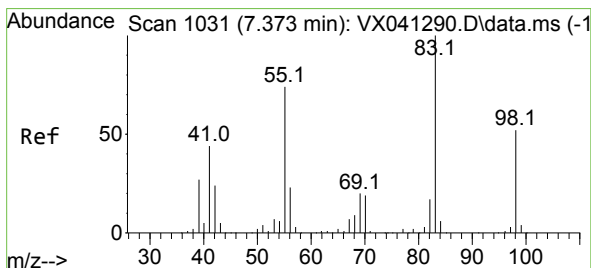
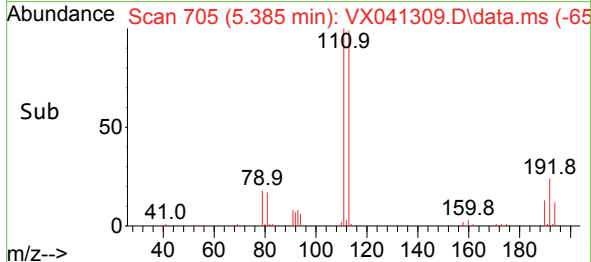
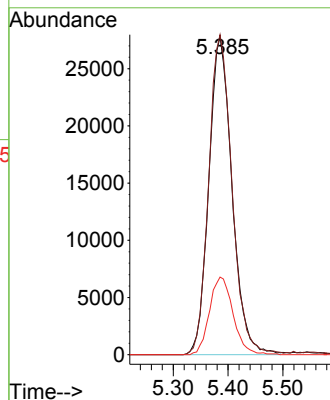
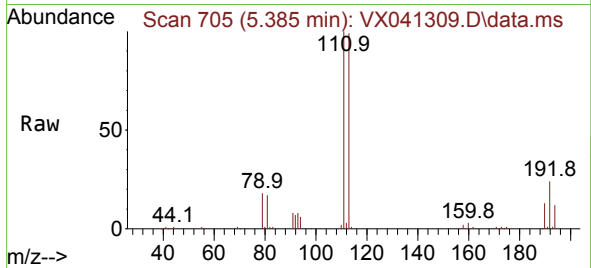




#35
 Dibromofluoromethane
 Concen: 45.322 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX041309.D
 Acq: 30 Apr 2024 18:58

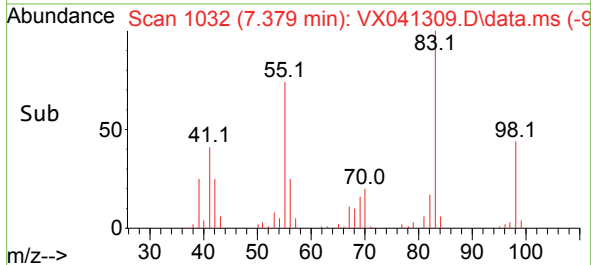
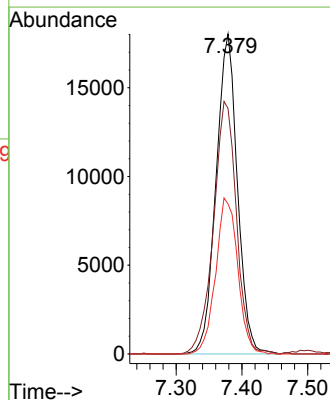
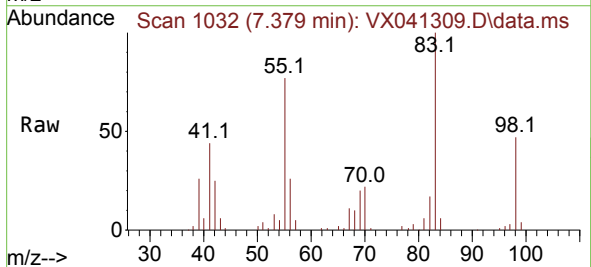
Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-5-9.0-042324

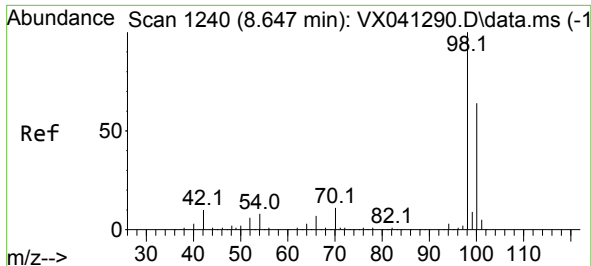
Tgt Ion:113 Resp: 81489
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.9 124.3
 192 24.9 13.3 19.9#



#39
 Methylcyclohexane
 Concen: 16.153 ug/l
 RT: 7.379 min Scan# 1032
 Delta R.T. 0.006 min
 Lab File: VX041309.D
 Acq: 30 Apr 2024 18:58

Tgt Ion: 83 Resp: 40798
 Ion Ratio Lower Upper
 83 100
 55 76.7 64.6 97.0
 98 46.9 36.7 55.1

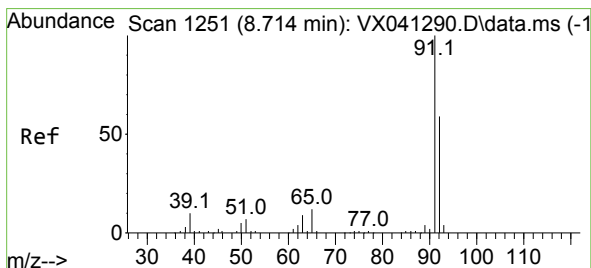
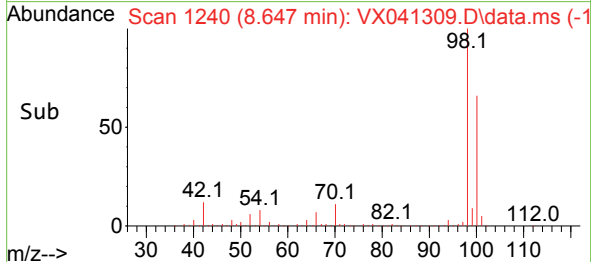
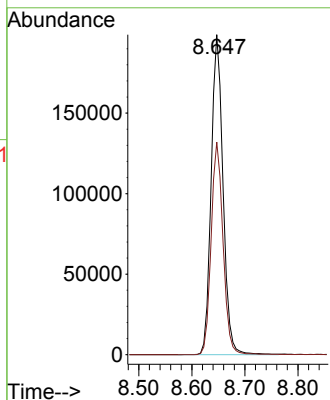
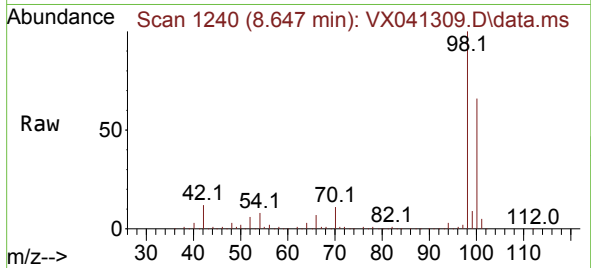




#50
Toluene-d8
Concen: 54.276 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

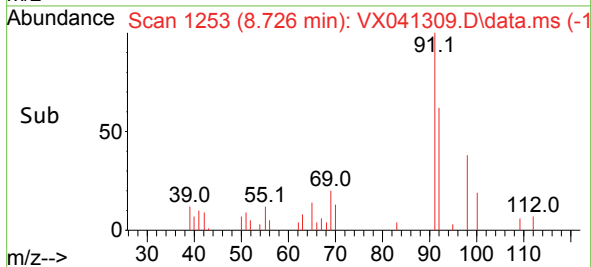
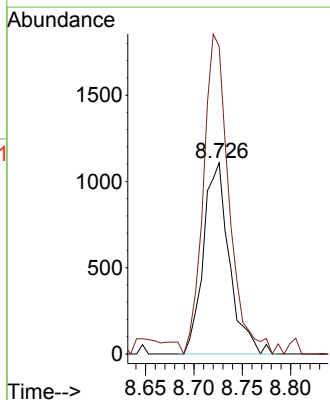
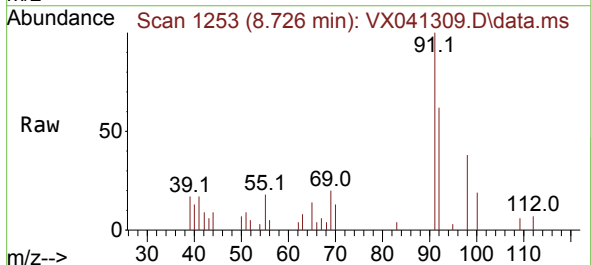
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-5-9.0-042324

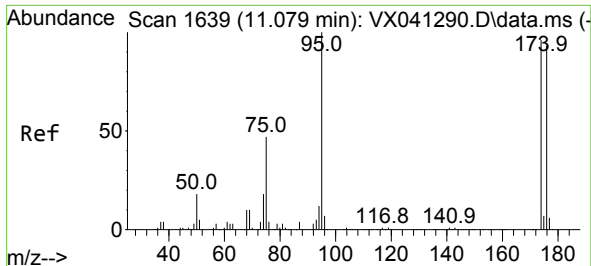
Tgt Ion: 98 Resp: 308874
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#52
Toluene
Concen: 0.510 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

Tgt Ion: 92 Resp: 2067
Ion Ratio Lower Upper
92 100
91 165.6 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 54.897 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041309.D

Acq: 30 Apr 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-042324

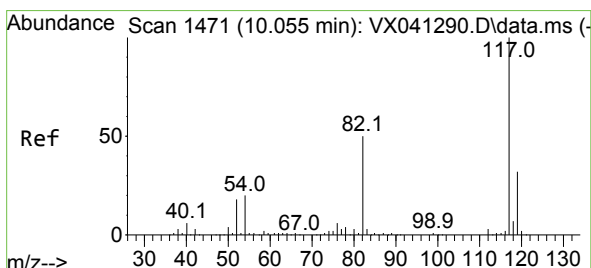
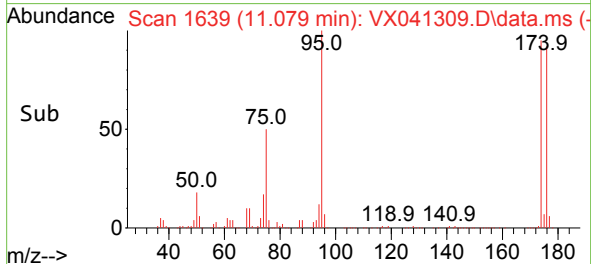
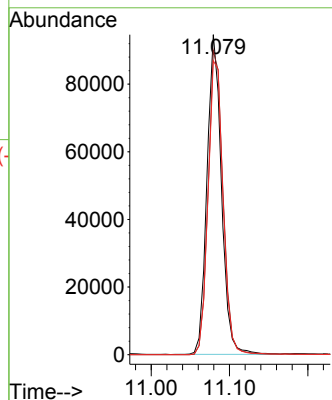
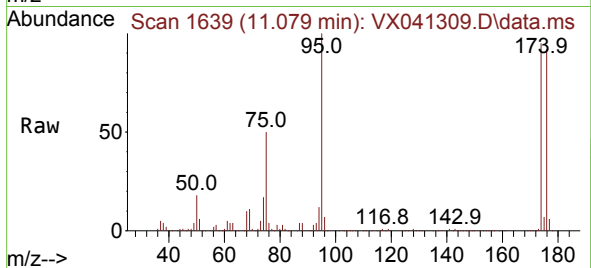
Tgt Ion: 95 Resp: 120934

Ion Ratio Lower Upper

95 100

174 97.7 0.0 135.6

176 95.5 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: VX041309.D

Acq: 30 Apr 2024 18:58

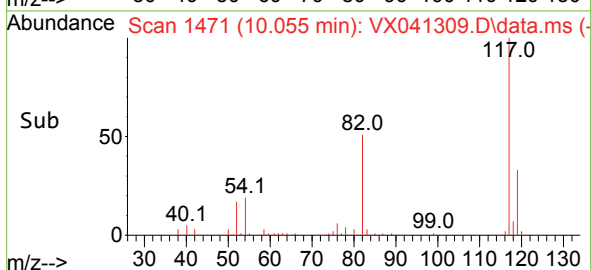
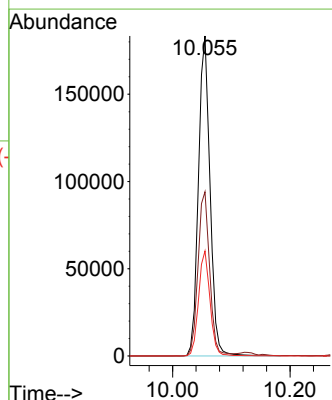
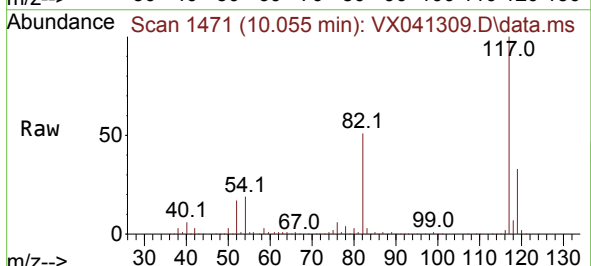
Tgt Ion: 117 Resp: 251601

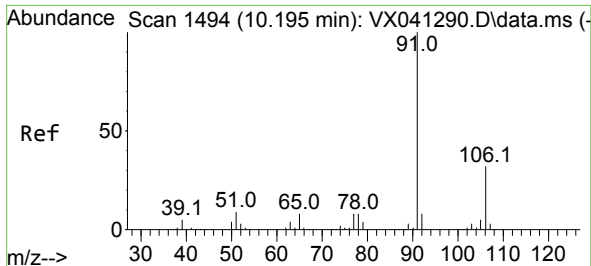
Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 32.8 25.5 38.3

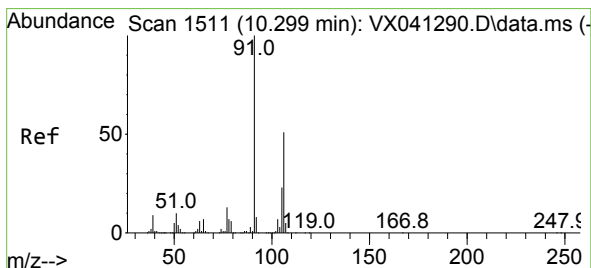
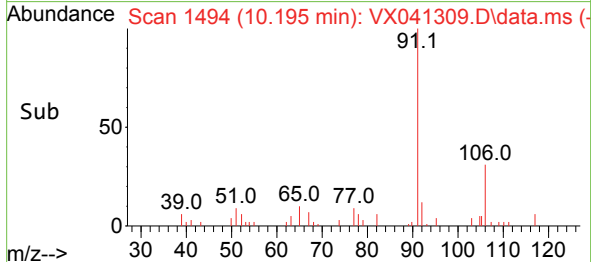
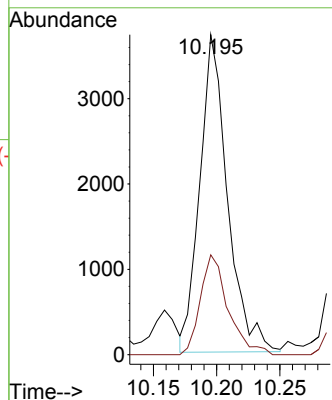
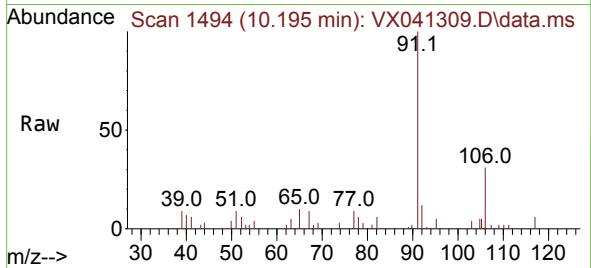




#67
Ethyl Benzene
Concen: 0.673 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

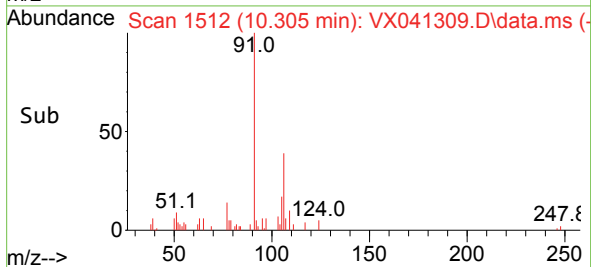
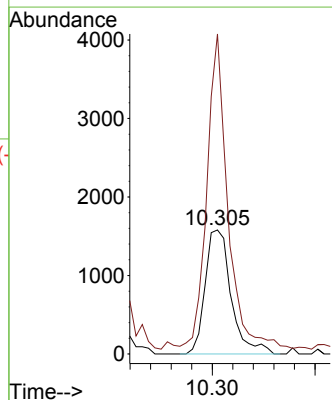
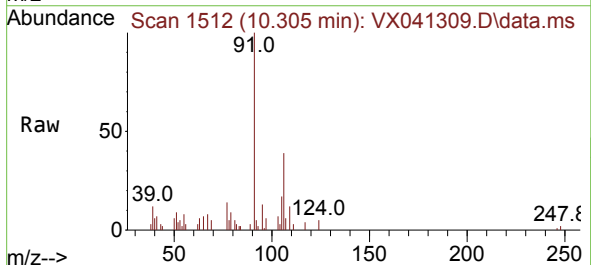
Instrument :
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T11-MW-5-9.0-042324

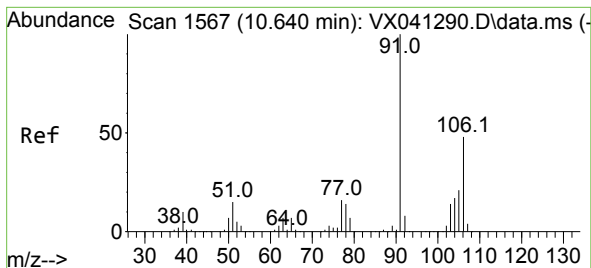
Tgt Ion: 91 Resp: 5675
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 0.824 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041309.D
Acq: 30 Apr 2024 18:58

Tgt Ion: 106 Resp: 2782
Ion Ratio Lower Upper
106 100
91 221.0 165.5 248.3





#69

o-Xylene

Concen: 0.573 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041309.D

Acq: 30 Apr 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

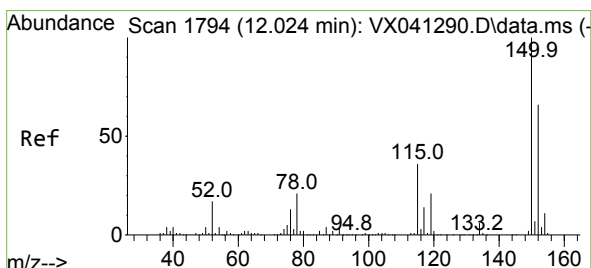
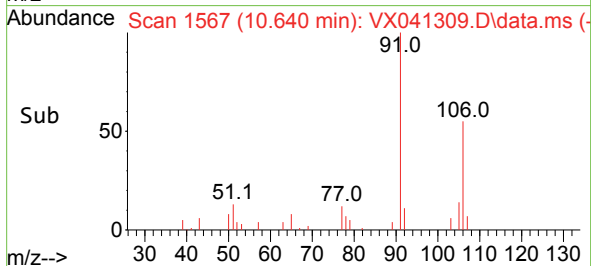
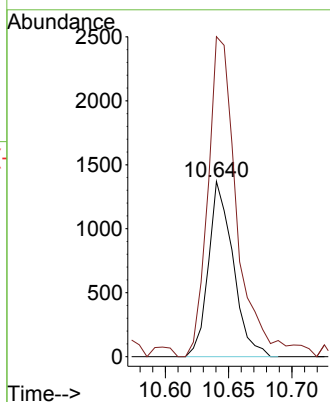
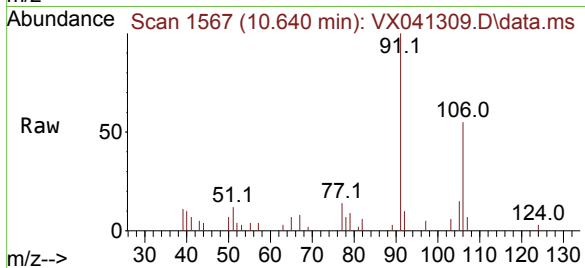
T11-MW-5-9.0-042324

Tgt Ion:106 Resp: 1853

Ion Ratio Lower Upper

106 100

91 216.9 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041309.D

Acq: 30 Apr 2024 18:58

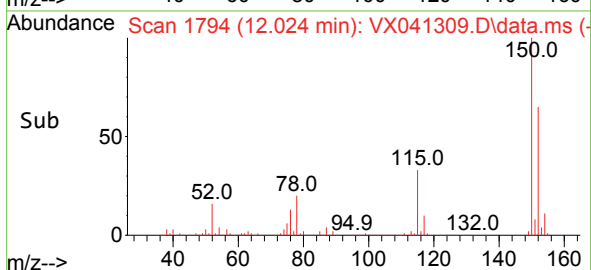
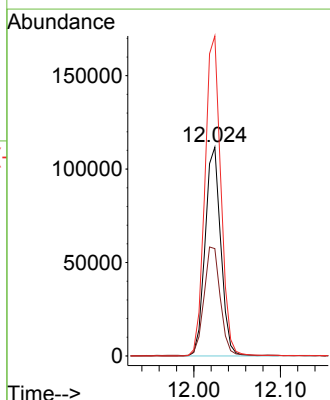
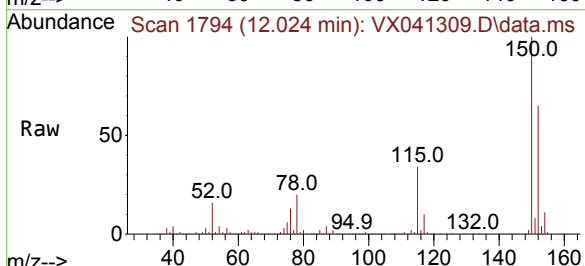
Tgt Ion:152 Resp: 140374

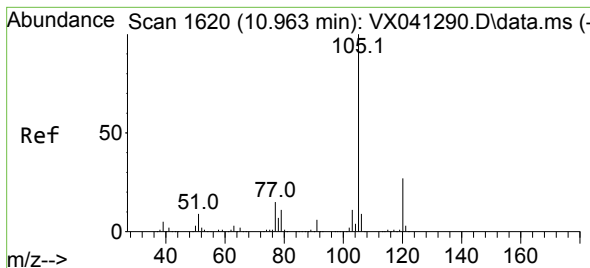
Ion Ratio Lower Upper

152 100

115 53.9 43.3 129.9

150 155.7 0.0 345.0





#73

Isopropylbenzene

Concen: 41.393 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041309.D

Acq: 30 Apr 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

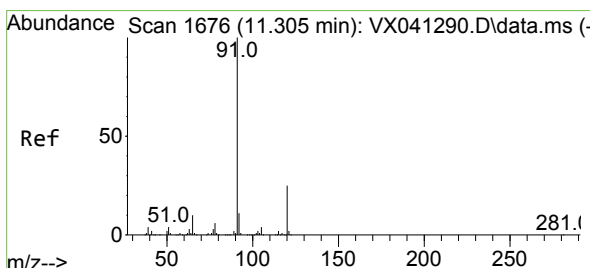
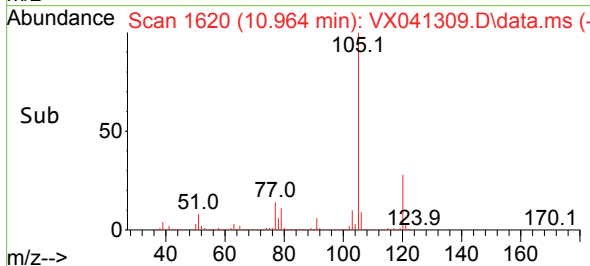
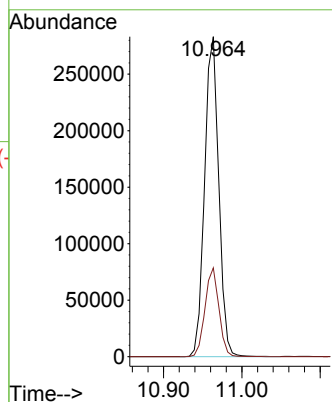
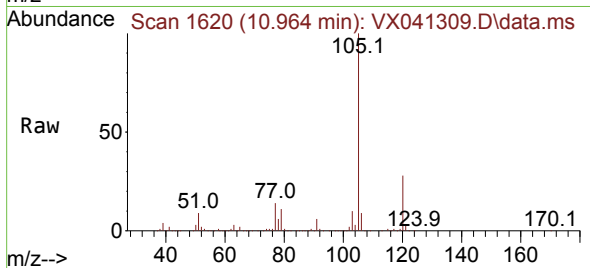
T11-MW-5-9.0-042324

Tgt Ion:105 Resp: 354684

Ion Ratio Lower Upper

105 100

120 27.2 12.9 38.6



#78

n-propylbenzene

Concen: 131.119 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041309.D

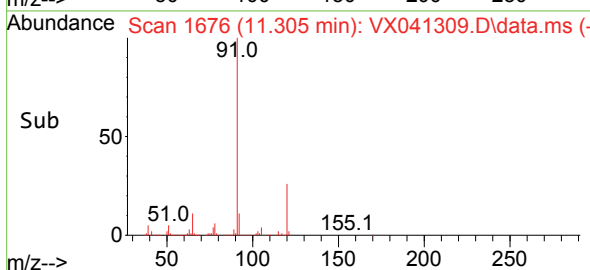
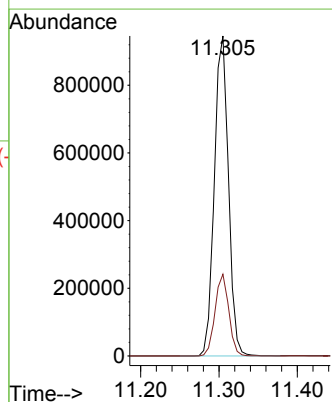
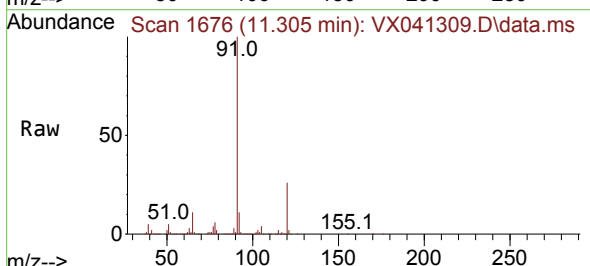
Acq: 30 Apr 2024 18:58

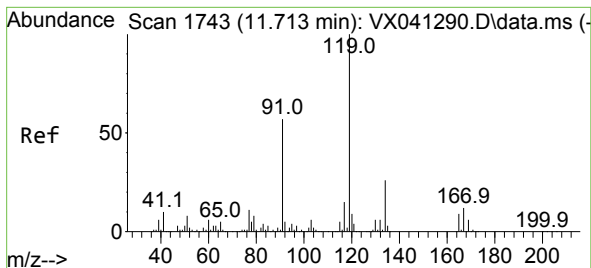
Tgt Ion: 91 Resp: 1180021

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4





#83

tert-Butylbenzene

Concen: 1.038 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041309.D

Acq: 30 Apr 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-042324

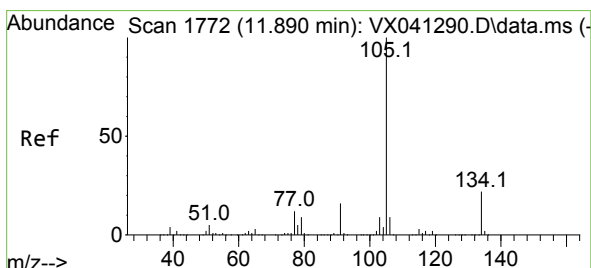
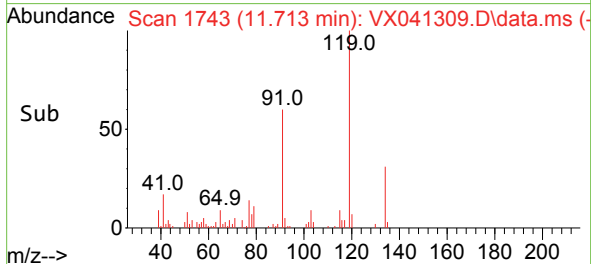
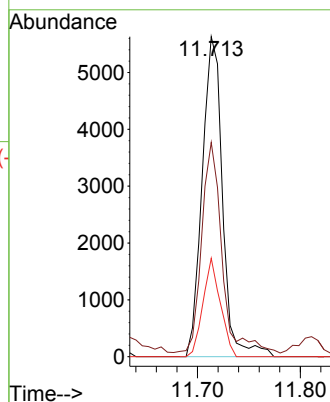
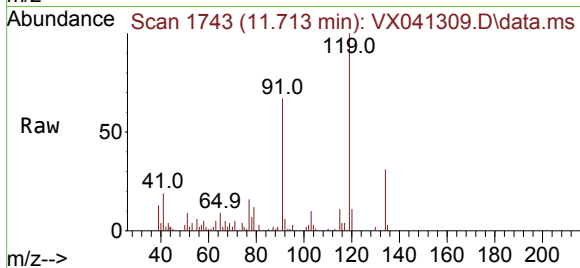
Tgt Ion:119 Resp: 7768

Ion Ratio Lower Upper

119 100

91 65.5 31.2 93.6

134 26.2 11.7 35.0



#85

sec-Butylbenzene

Concen: 10.521 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041309.D

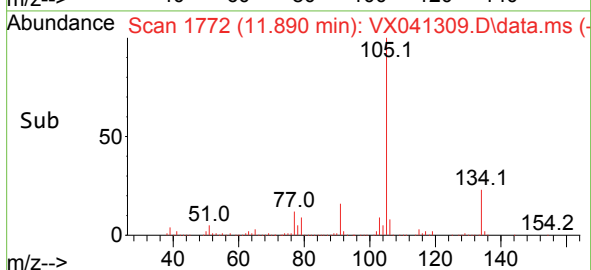
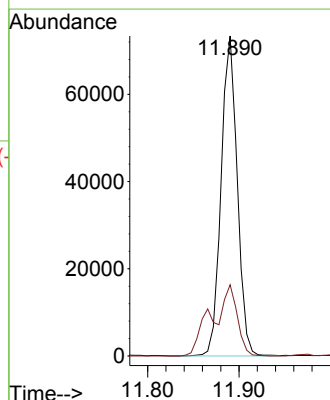
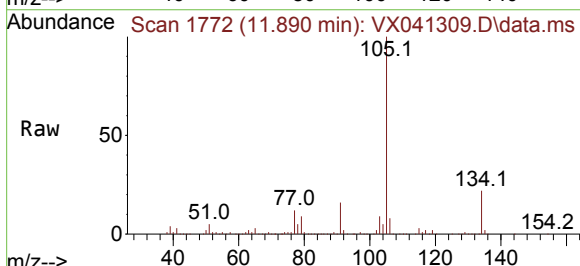
Acq: 30 Apr 2024 18:58

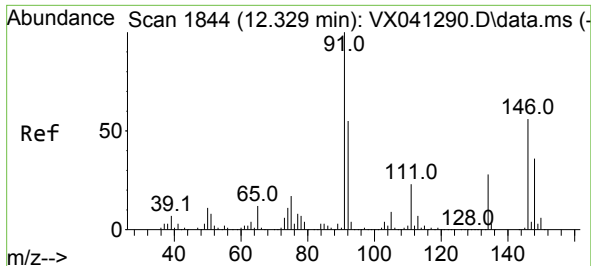
Tgt Ion:105 Resp: 90190

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.4





#89

n-Butylbenzene

Concen: 18.156 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041309.D

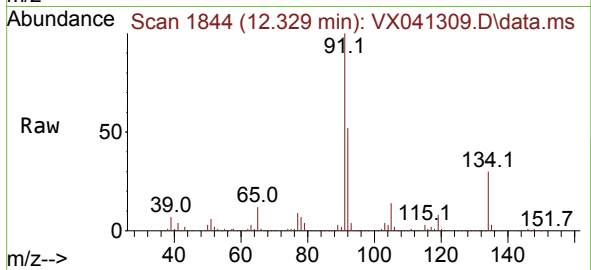
Acq: 30 Apr 2024 18:58

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-5-9.0-042324



Tgt Ion: 91 Resp: 112397

Ion Ratio Lower Upper

91 100

92 46.7 27.4 82.0

134 50.9 12.6 37.8#

