

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041319.D
 Acq On : 01 May 2024 12:25
 Operator : JC/MD
 Sample : P2264-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T11-MW-13-8.0-042324

Quant Time: May 02 03:08:01 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)

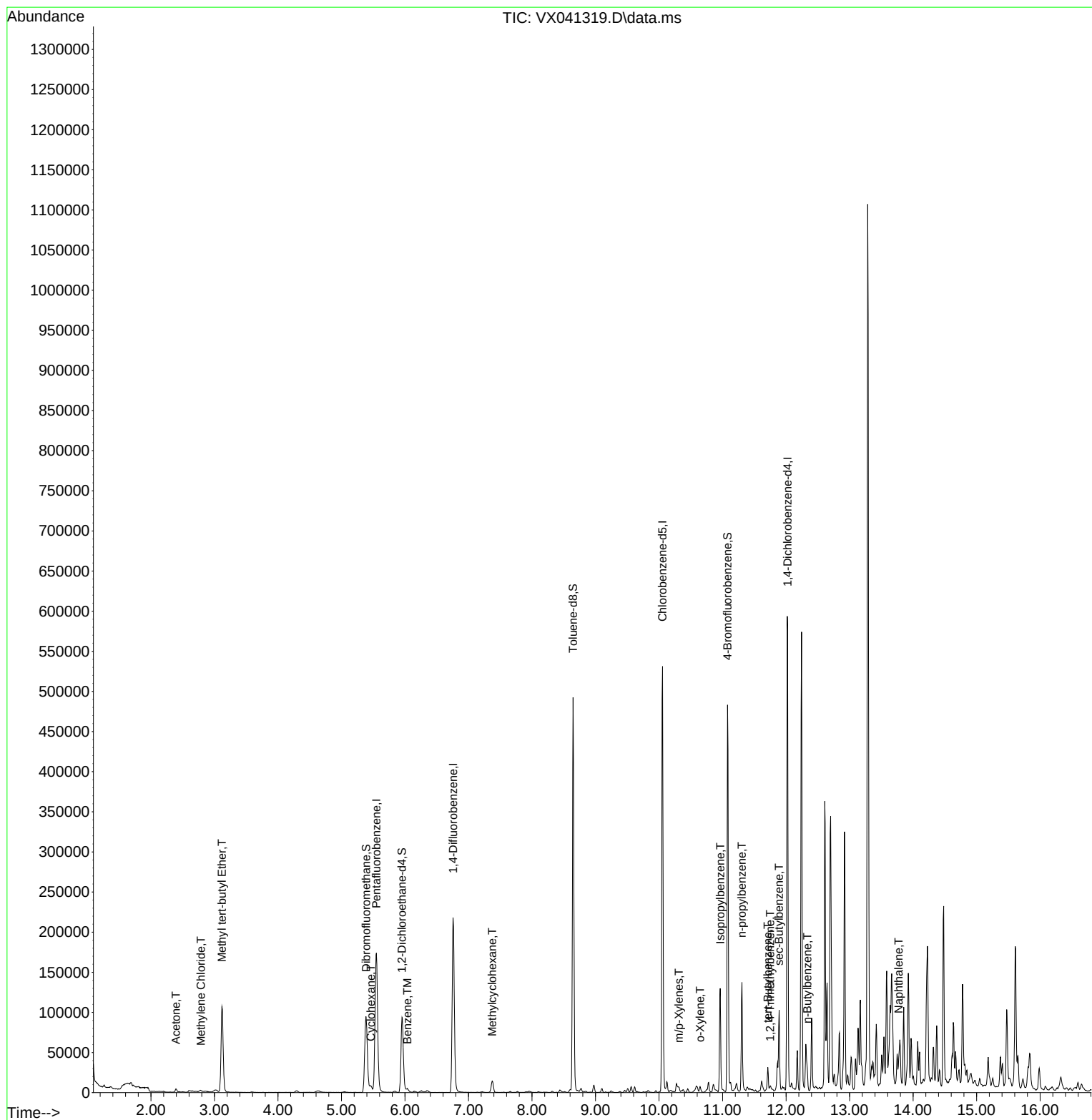
Internal Standards						
1) Pentafluorobenzene	5.550	168	188531	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	230473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92145	44.896	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.800%
35) Dibromofluoromethane	5.385	113	82924	53.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.180%
50) Toluene-d8	8.647	98	290099	58.684	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	117.360%#
62) 4-Bromofluorobenzene	11.079	95	122750	64.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	128.300%#
Target Compounds						
						Qvalue
16) Acetone	2.392	43	5083	1.740	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	118987	22.342	ug/l	100
20) Methylene Chloride	2.788	84	727	0.408	ug/l	92
31) Cyclohexane	5.464	56	4880	1.970	ug/l	91
39) Methylcyclohexane	7.373	83	6574	2.996	ug/l	95
40) Benzene	6.037	78	4838	0.840	ug/l	# 90
68) m/p-Xylenes	10.311	106	777	0.230	ug/l	77
69) o-Xylene	10.646	106	1308	0.404	ug/l	92
73) Isopropylbenzene	10.963	105	68728	8.334	ug/l	96
78) n-propylbenzene	11.305	91	83956	9.694	ug/l	97
83) tert-Butylbenzene	11.713	119	9738	1.353	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1967	0.291	ug/l	90
85) sec-Butylbenzene	11.890	105	49132	5.956	ug/l	# 78
89) n-Butylbenzene	12.335	91	13203	2.216	ug/l	# 62
95) Naphthalene	13.774	128	22968	2.481	ug/l	# 91

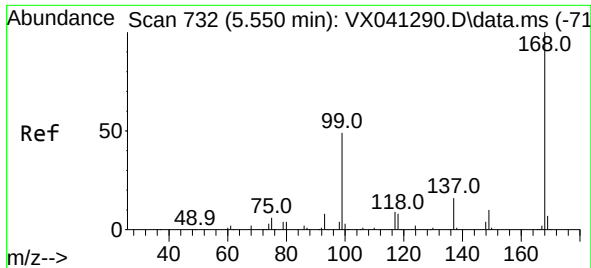
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
Data File : VX041319.D
Acq On : 01 May 2024 12:25
Operator : JC/MD
Sample : P2264-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

Quant Time: May 02 03:08:01 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

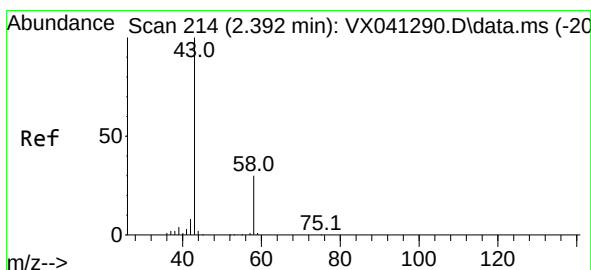
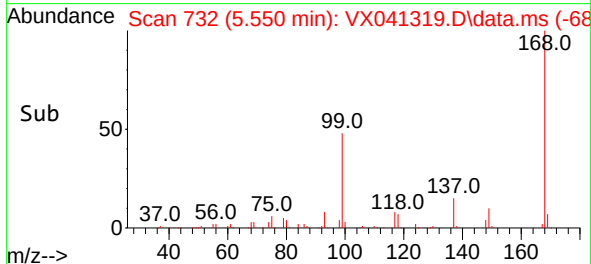
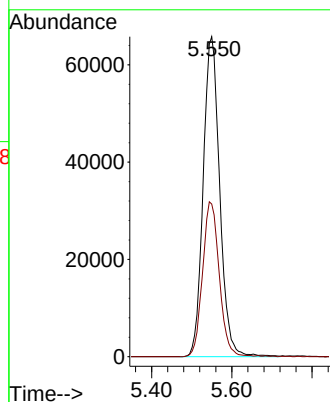
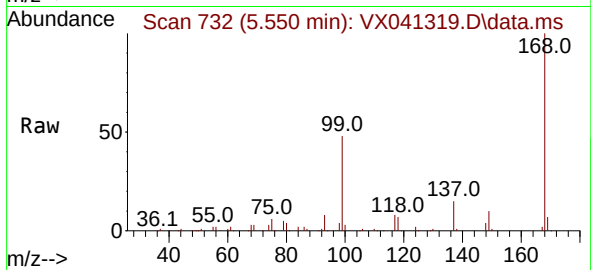




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

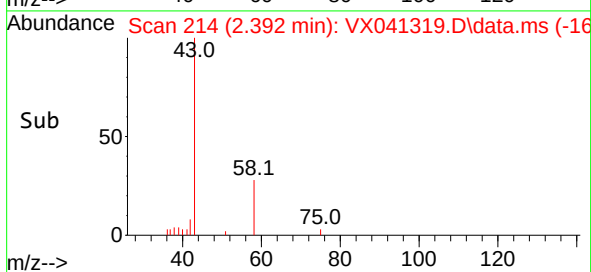
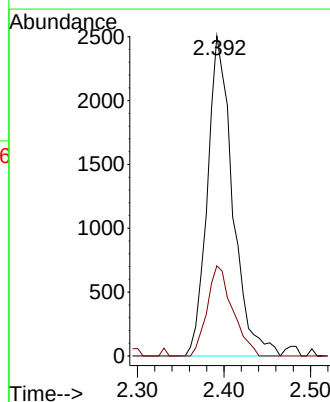
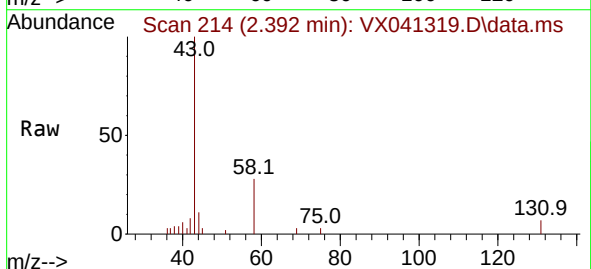
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

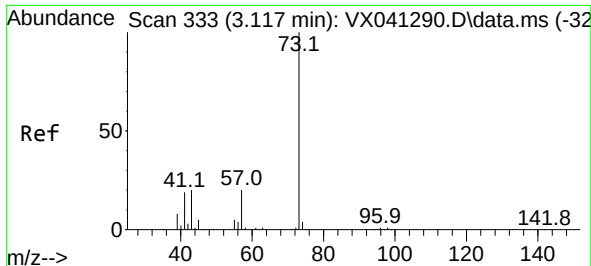
Tgt Ion:168 Resp: 188531
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#16
Acetone
Concen: 1.740 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

Tgt Ion: 43 Resp: 5083
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9

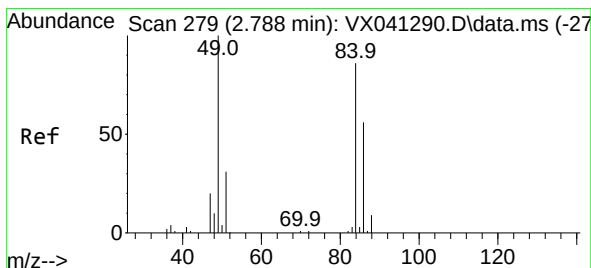
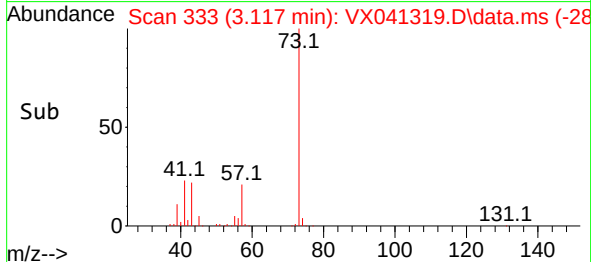
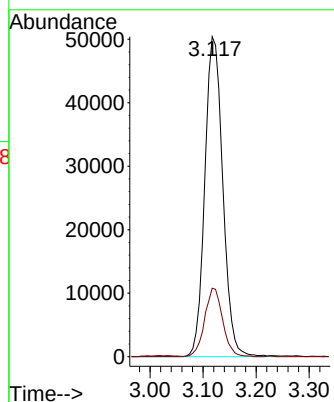
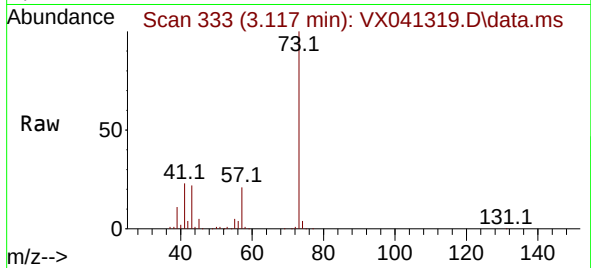




#19
Methyl tert-butyl Ether
Concen: 22.342 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

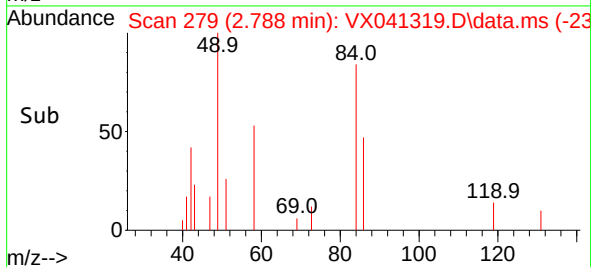
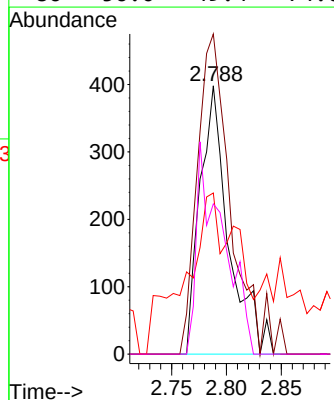
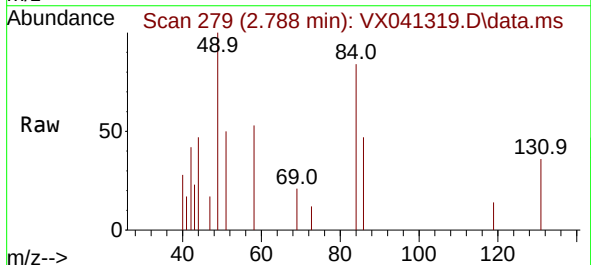
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

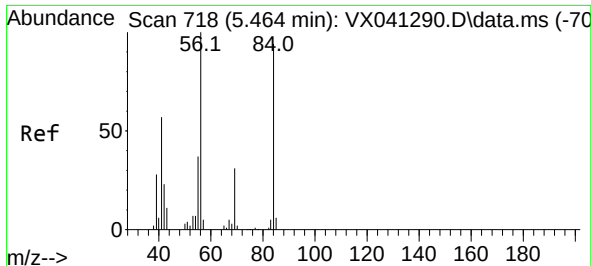
Tgt Ion: 73 Resp: 118987
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 0.408 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

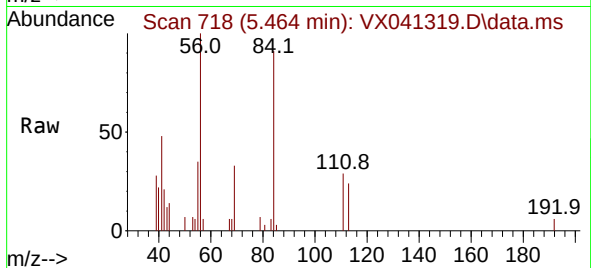
Tgt Ion: 84 Resp: 727
Ion Ratio Lower Upper
84 100
49 119.3 103.6 155.4
51 38.2 33.8 50.6
86 56.0 49.4 74.0



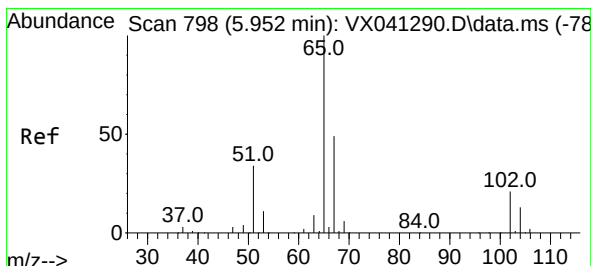
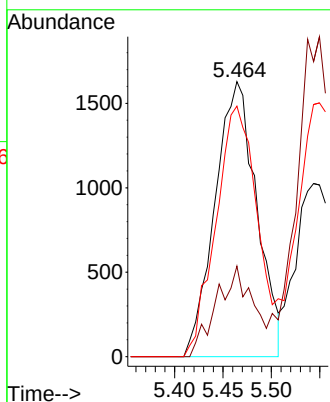
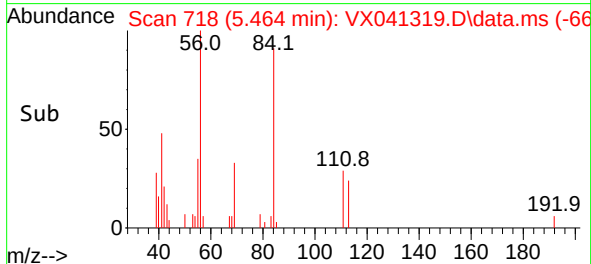


#31
Cyclohexane
Concen: 1.970 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

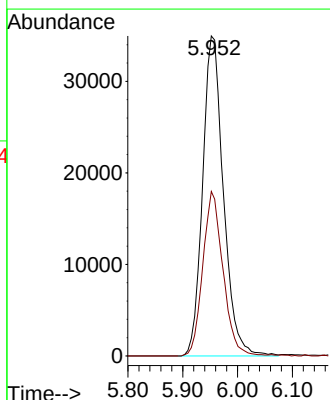
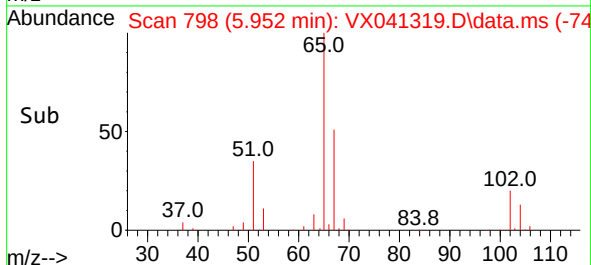
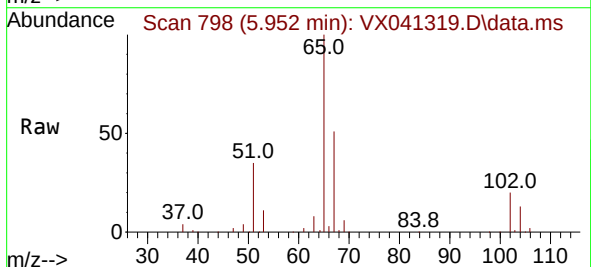


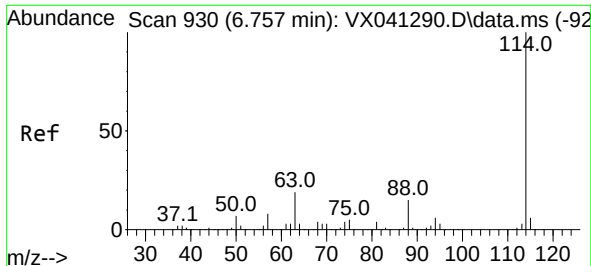
Tgt Ion:	56	Resp:	4880
Ion	Ratio	Lower	Upper
56	100		
69	32.9	23.4	35.2
84	91.1	65.9	98.9



#33
1,2-Dichloroethane-d4
Concen: 44.896 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

Tgt Ion:	65	Resp:	92145
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	100.2

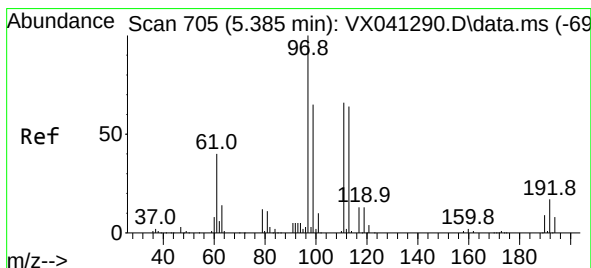
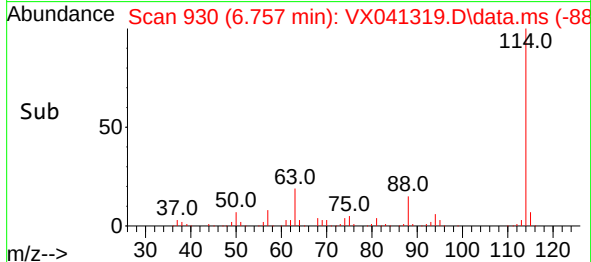
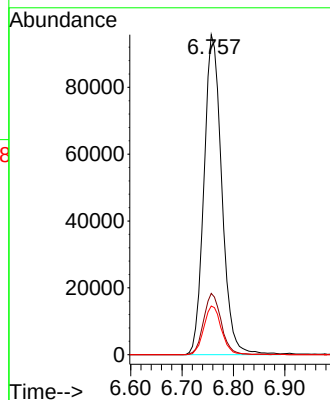
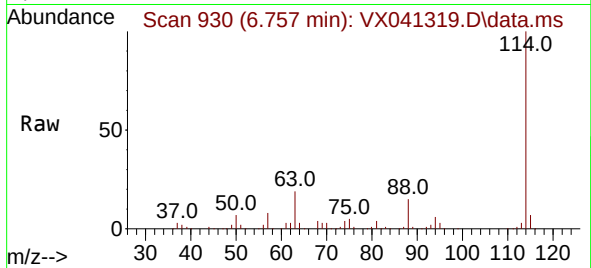




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

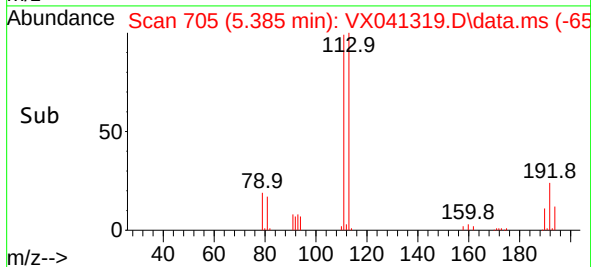
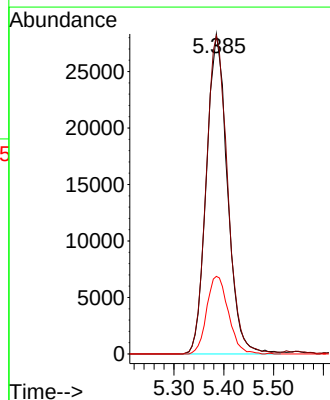
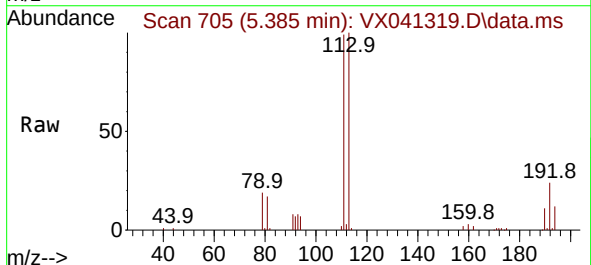
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

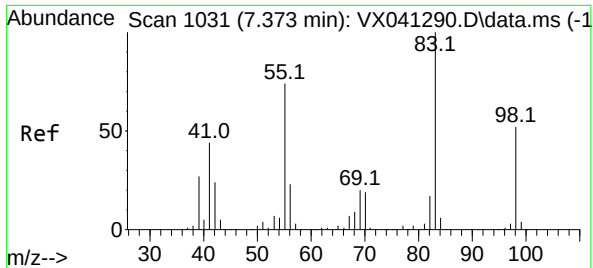
Tgt Ion:114 Resp: 230473
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.094 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

Tgt Ion:113 Resp: 82924
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 24.9 13.3 19.9#

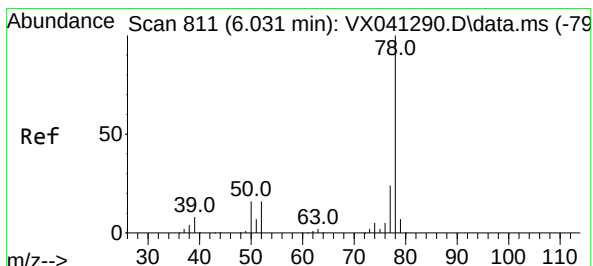
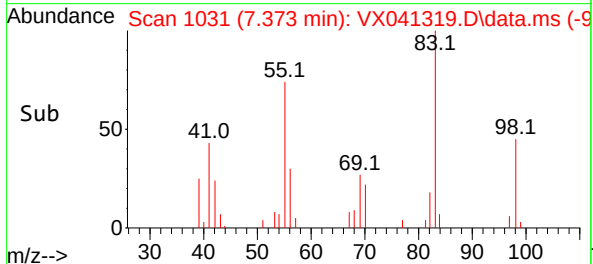
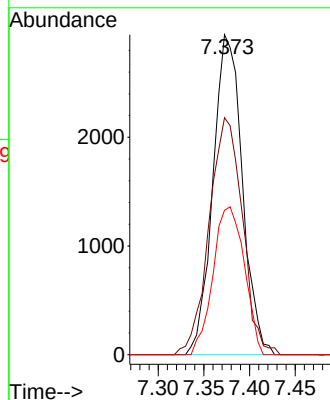
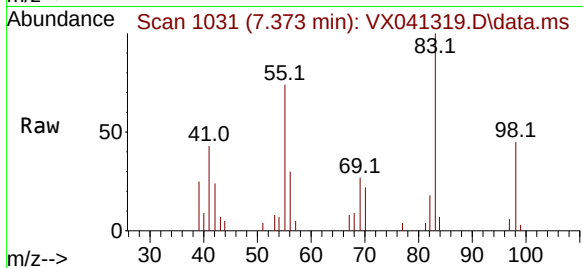




#39
Methylcyclohexane
Concen: 2.996 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

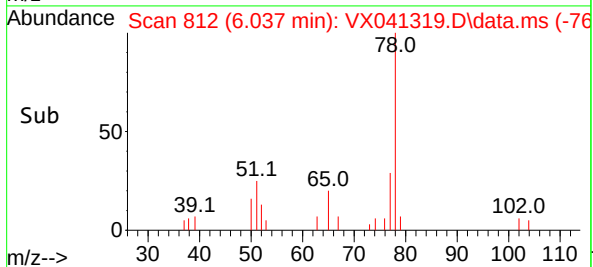
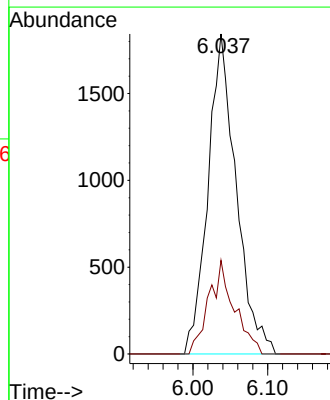
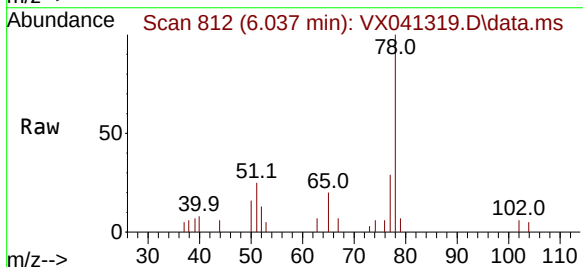
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

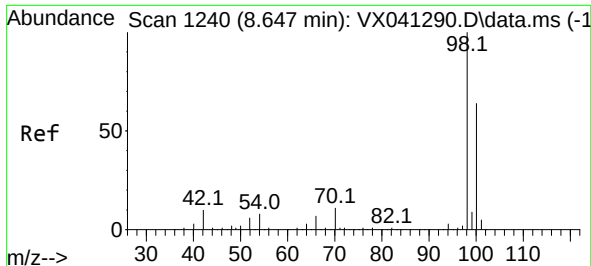
Tgt Ion: 83	Resp: 6574
Ion Ratio	Lower Upper
83 100	
55 74.0	64.6 97.0
98 45.2	36.7 55.1



#40
Benzene
Concen: 0.840 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

Tgt Ion: 78	Resp: 4838		
Ion Ratio	Lower	Upper	
78 100			
77 29.2	19.3	28.9#	

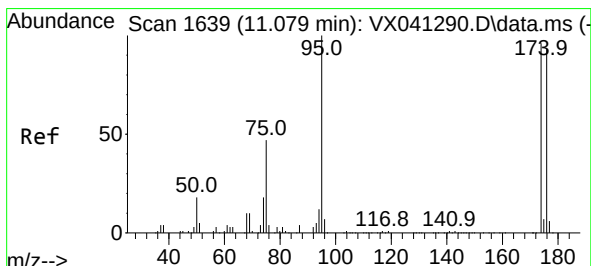
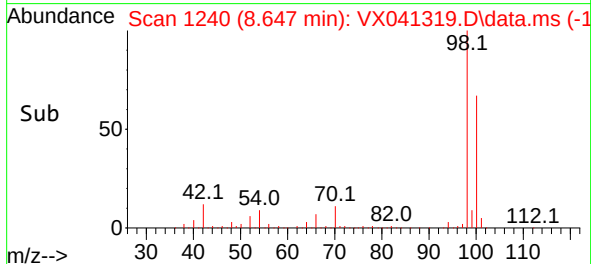
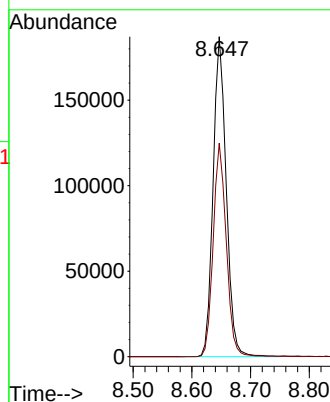
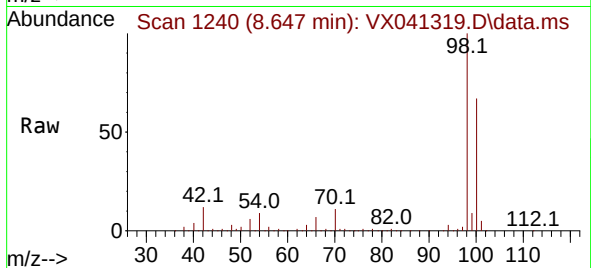




#50
Toluene-d8
Concen: 58.684 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

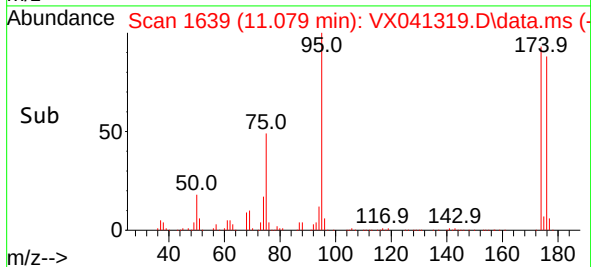
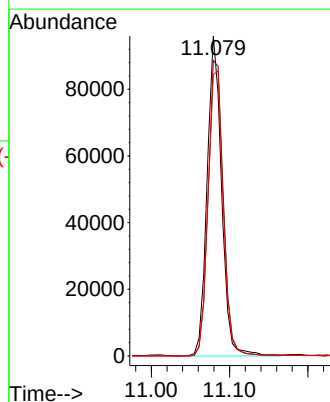
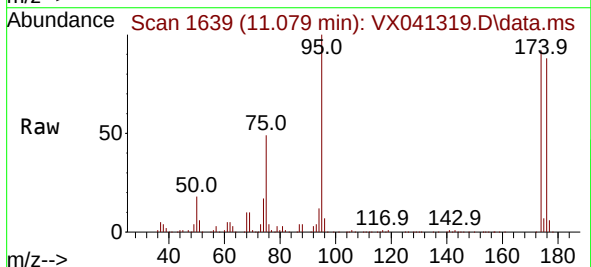
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

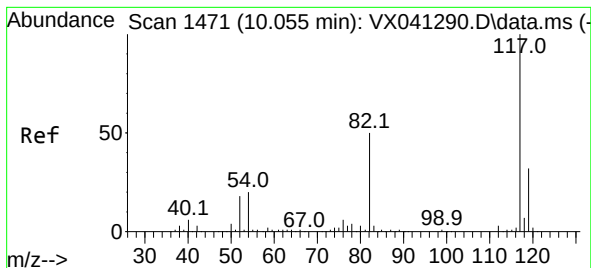
Tgt Ion: 98 Resp: 290099
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 64.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

Tgt Ion: 95 Resp: 122750
Ion Ratio Lower Upper
95 100
174 97.1 0.0 135.6
176 94.5 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: VX041319.D

Acq: 01 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-042324

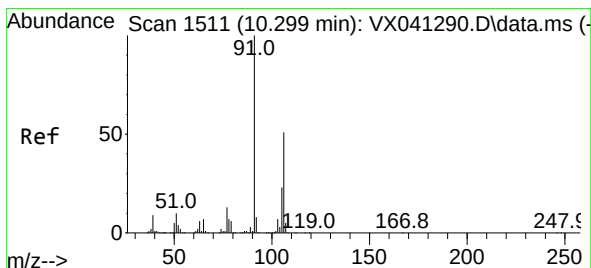
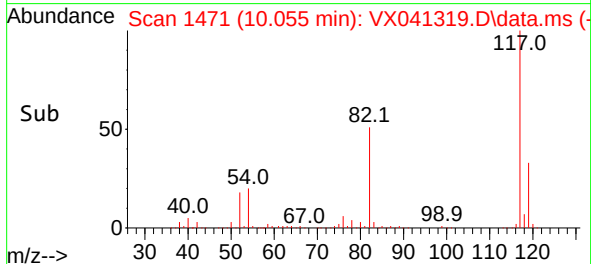
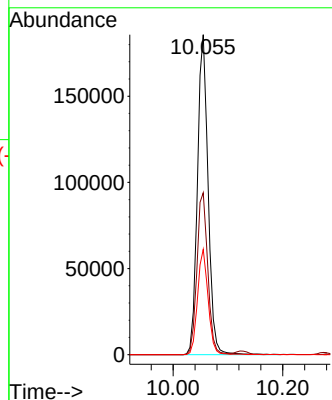
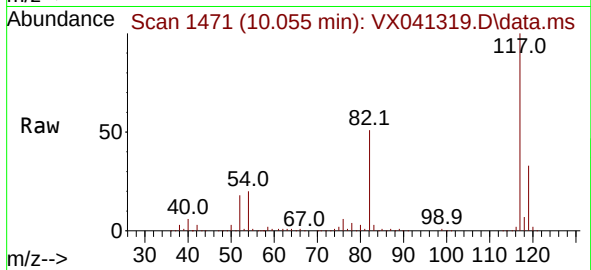
Tgt Ion:117 Resp: 252164

Ion Ratio Lower Upper

117 100

82 50.6 46.2 69.4

119 32.9 25.5 38.3



#68

m/p-Xylenes

Concen: 0.230 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX041319.D

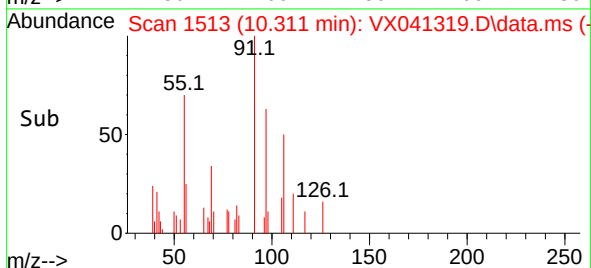
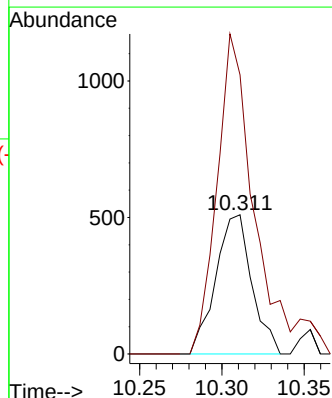
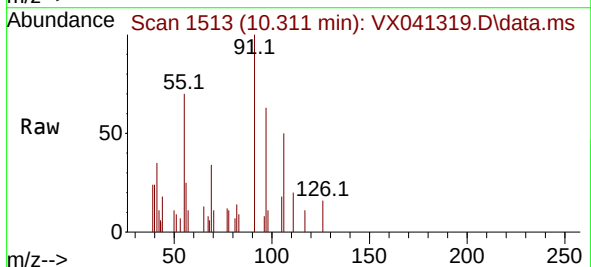
Acq: 01 May 2024 12:25

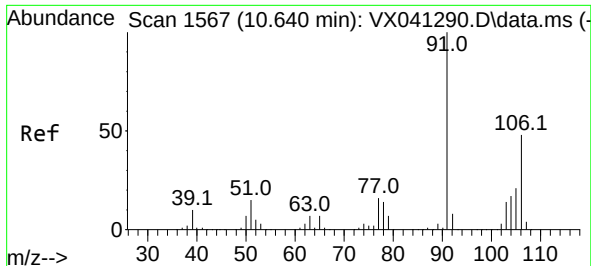
Tgt Ion:106 Resp: 777

Ion Ratio Lower Upper

106 100

91 243.0 165.5 248.3

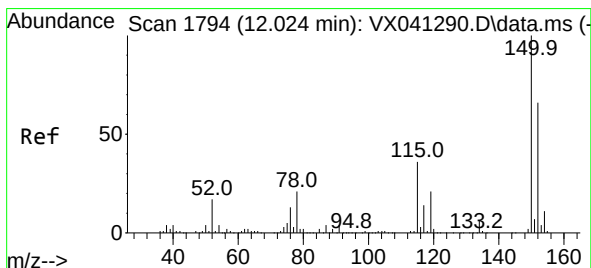
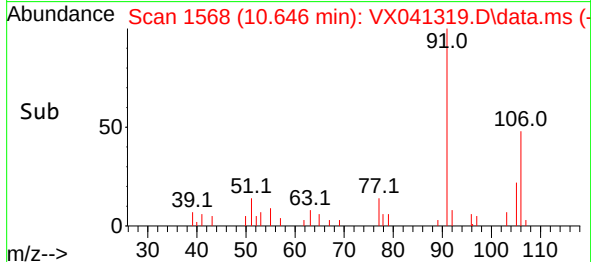
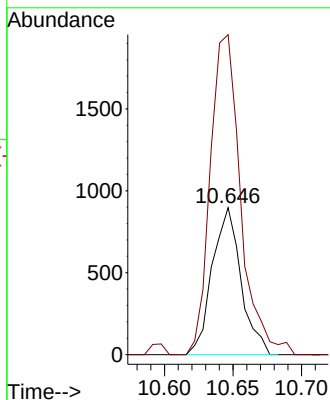
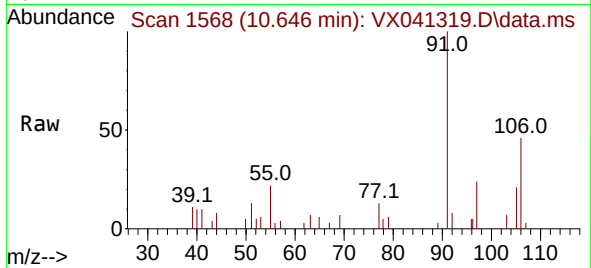




#69
o-Xylene
Concen: 0.404 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

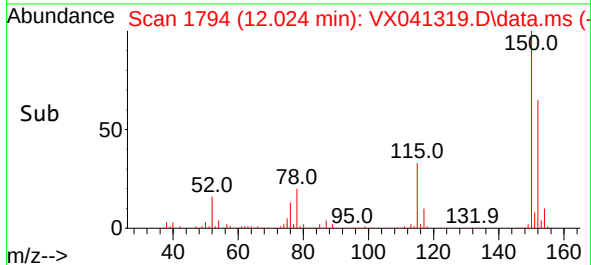
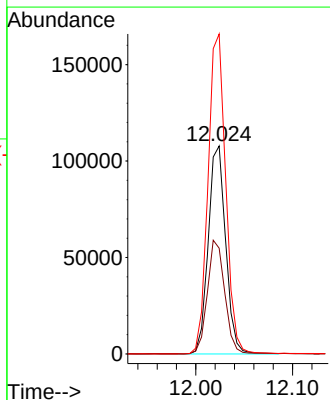
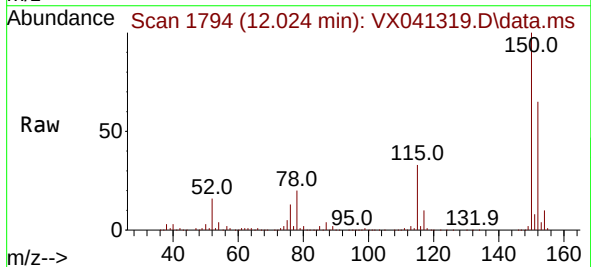
Instrument :
MSVOA_X
ClientSampleId :
T11-MW-13-8.0-042324

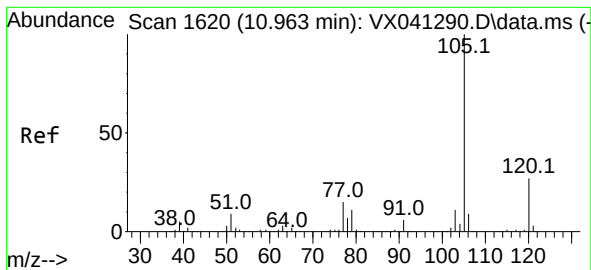
Tgt Ion:106 Resp: 1308
Ion Ratio Lower Upper
106 100
91 230.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041319.D
Acq: 01 May 2024 12:25

Tgt Ion:152 Resp: 135091
Ion Ratio Lower Upper
152 100
115 54.4 43.3 129.9
150 156.4 0.0 345.0





#73

Isopropylbenzene

Concen: 8.334 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX041319.D

Acq: 01 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

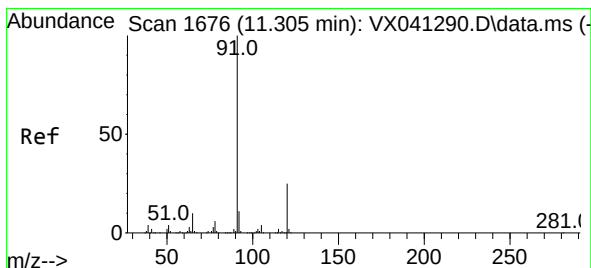
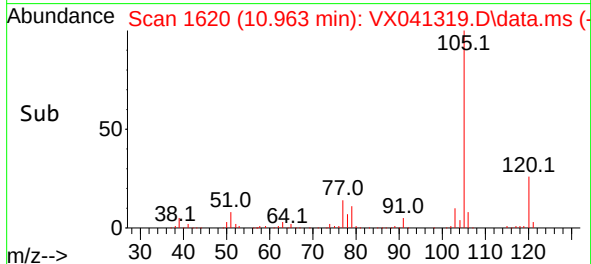
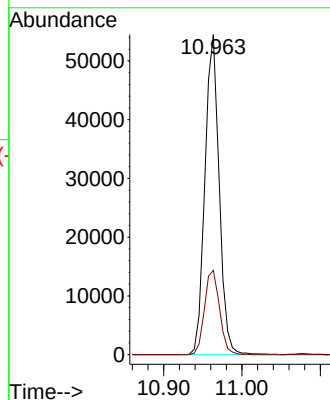
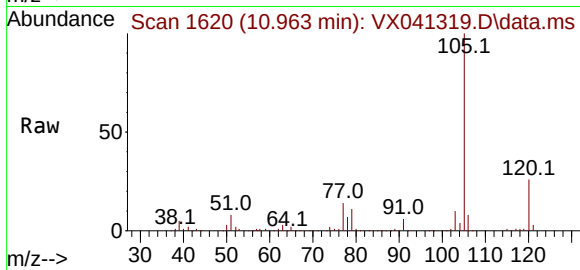
T11-MW-13-8.0-042324

Tgt Ion:105 Resp: 68728

Ion Ratio Lower Upper

105 100

120 27.7 12.9 38.6



#78

n-propylbenzene

Concen: 9.694 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX041319.D

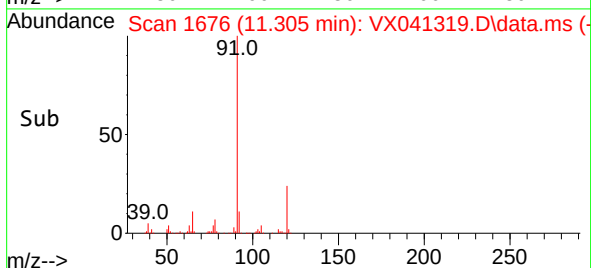
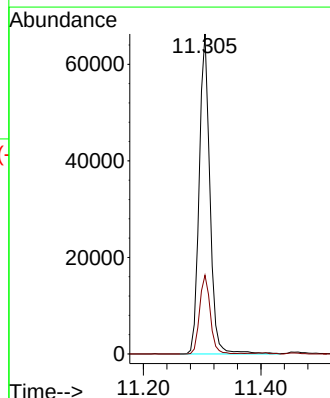
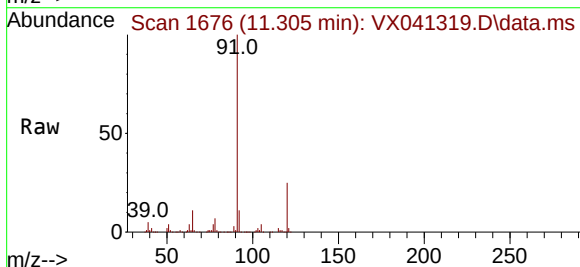
Acq: 01 May 2024 12:25

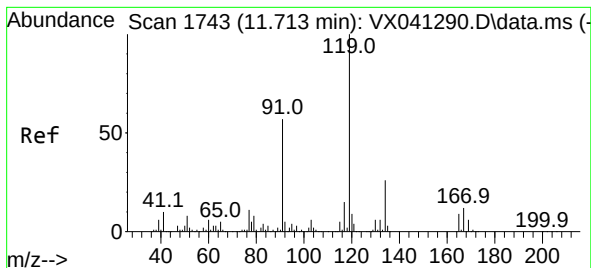
Tgt Ion: 91 Resp: 83956

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4





#83

tert-Butylbenzene

Concen: 1.353 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX041319.D

Acq: 01 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-042324

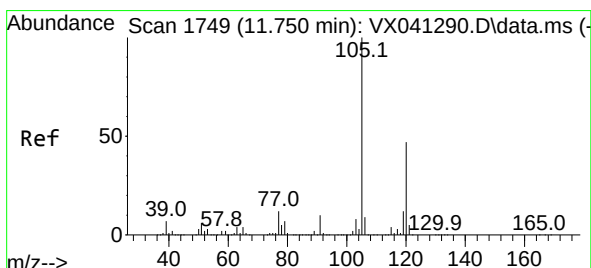
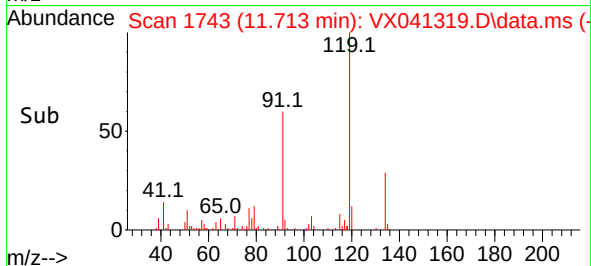
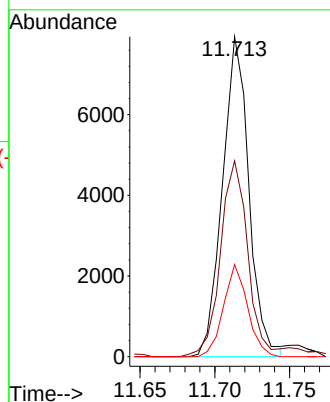
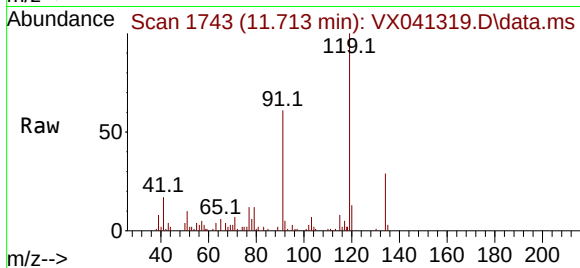
Tgt Ion:119 Resp: 9738

Ion Ratio Lower Upper

119 100

91 63.4 31.2 93.6

134 26.4 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.291 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041319.D

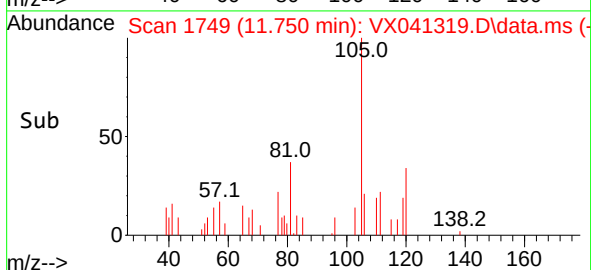
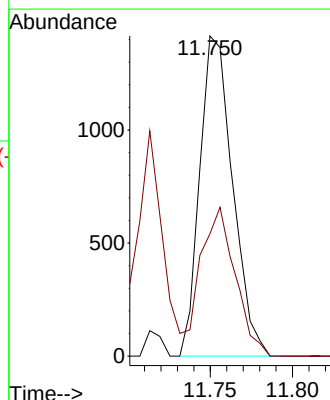
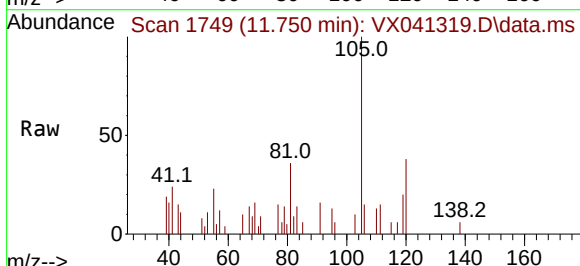
Acq: 01 May 2024 12:25

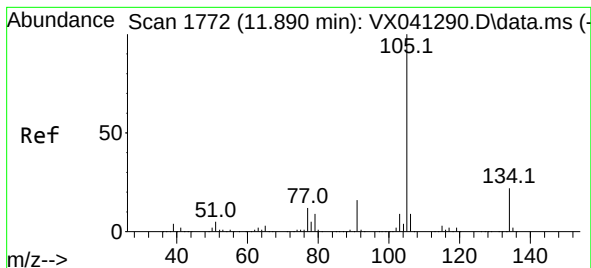
Tgt Ion:105 Resp: 1967

Ion Ratio Lower Upper

105 100

120 49.1 21.2 63.6





#85

sec-Butylbenzene

Concen: 5.956 ug/l

RT: 11.890 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041319.D

Acq: 01 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

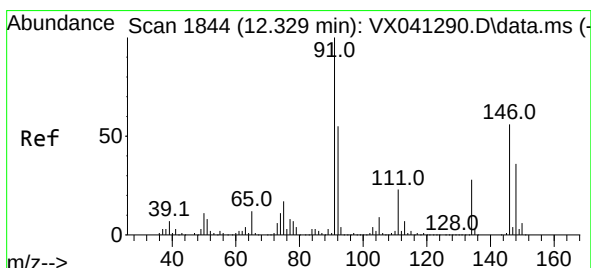
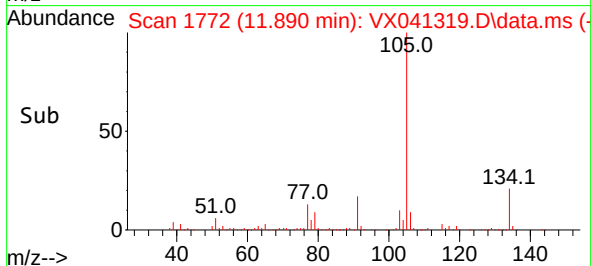
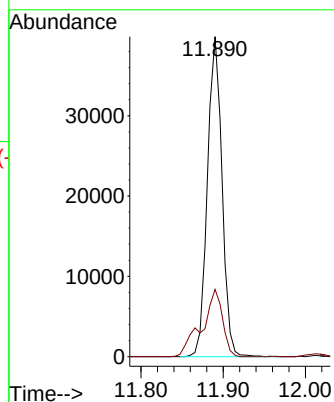
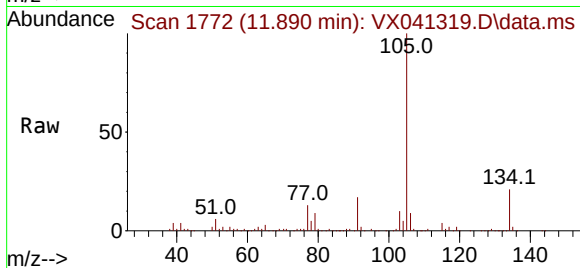
T11-MW-13-8.0-042324

Tgt Ion:105 Resp: 49132

Ion Ratio Lower Upper

105 100

134 29.6 9.8 29.4#



#89

n-Butylbenzene

Concen: 2.216 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041319.D

Acq: 01 May 2024 12:25

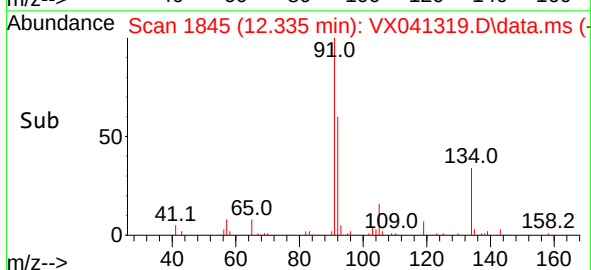
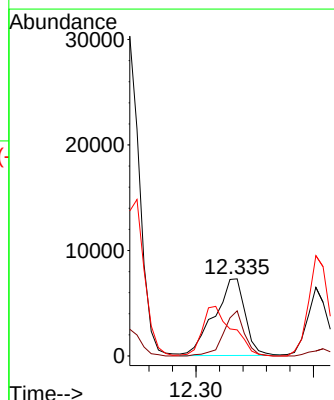
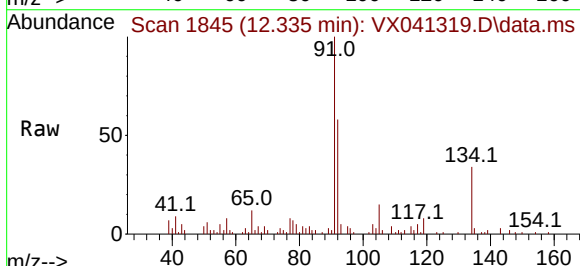
Tgt Ion: 91 Resp: 13203

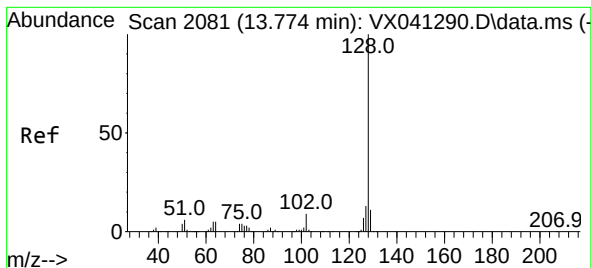
Ion Ratio Lower Upper

91 100

92 39.7 27.4 82.0

134 63.4 12.6 37.8#





#95

Naphthalene

Concen: 2.481 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX041319.D

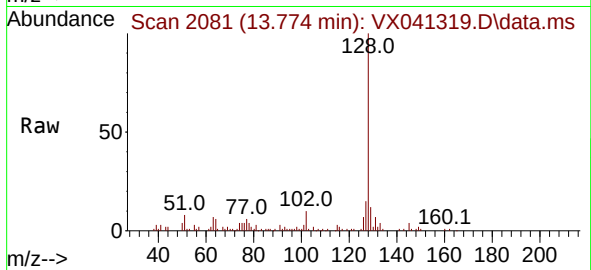
Acq: 01 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

T11-MW-13-8.0-042324



Tgt Ion:128 Resp: 22968

Ion Ratio Lower Upper

128 100

127 18.3 10.3 15.5#

129 12.6 8.8 13.2

