

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043024\
 Data File : VX041306.D
 Acq On : 30 Apr 2024 17:49
 Operator : JC/MD
 Sample : P2284-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: May 01 02:49:05 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)

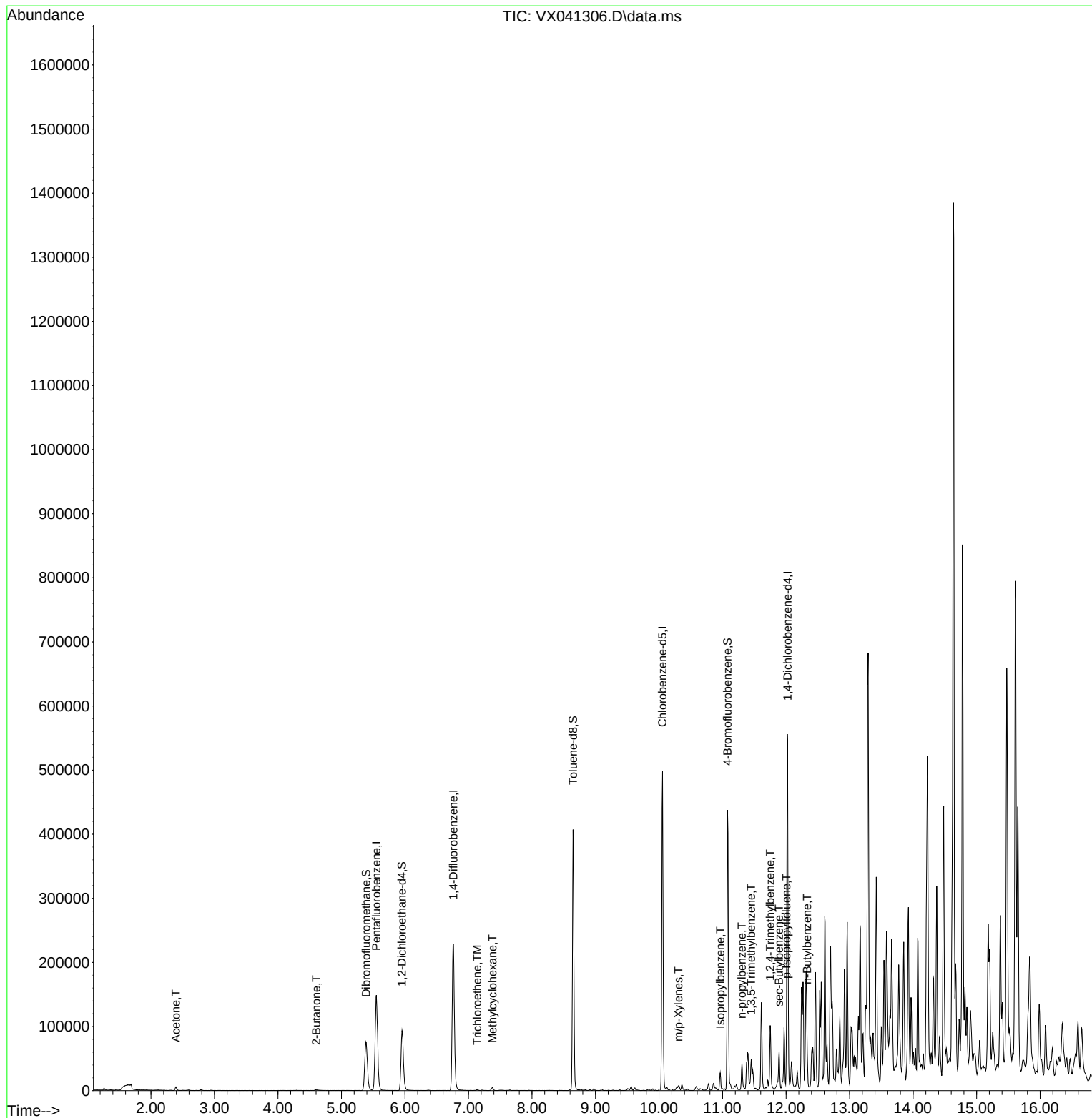
Internal Standards						
1) Pentafluorobenzene	5.550	168	152613	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	251823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93472	56.261	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.520%
35) Dibromofluoromethane	5.385	113	66247	38.820	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.640%
50) Toluene-d8	8.647	98	236173	43.725	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.460%#
62) 4-Bromofluorobenzene	11.079	95	109875	52.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.100%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	6238	4.688	ug/l	98
25) 2-Butanone	4.605	43	3516	3.270	ug/l	98
39) Methylcyclohexane	7.378	83	1937	0.808	ug/l	91
44) Trichloroethene	7.135	130	578	0.348	ug/l	96
68) m/p-Xylenes	10.305	106	1300	0.407	ug/l	100
73) Isopropylbenzene	10.963	105	14425	1.866	ug/l	98
78) n-propylbenzene	11.305	91	25056	3.086	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	20440	3.244	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	42845	6.758	ug/l	94
85) sec-Butylbenzene	11.890	105	28516	3.688	ug/l	87
86) p-Isopropyltoluene	12.006	119	9936	1.431	ug/l	98
89) n-Butylbenzene	12.329	91	29252	5.238	ug/l	# 33

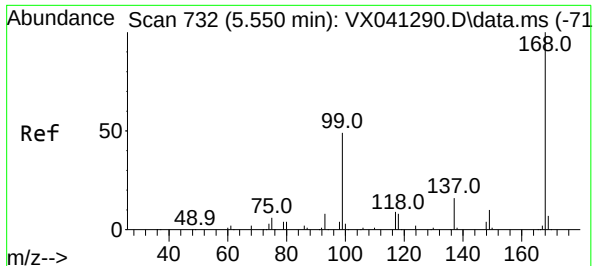
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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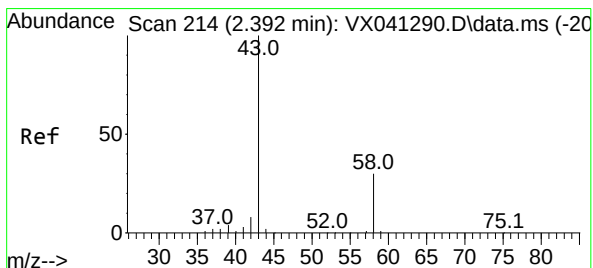
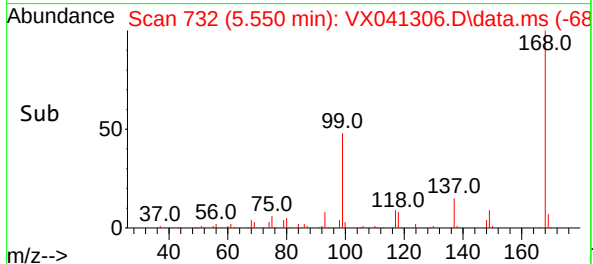
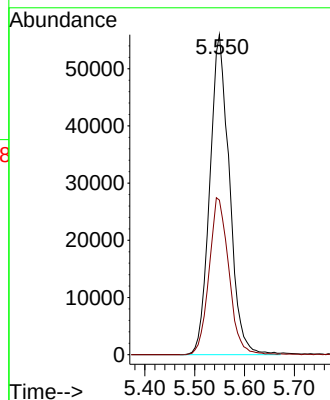
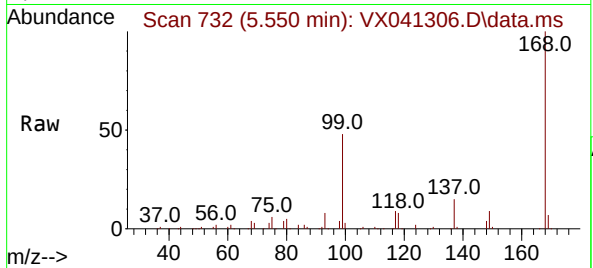




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

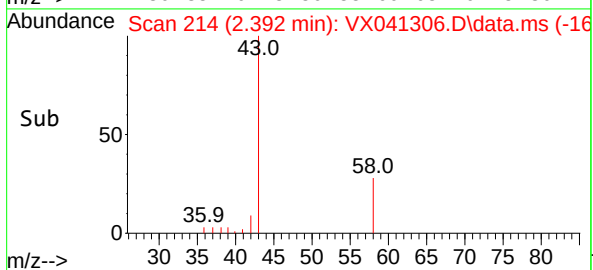
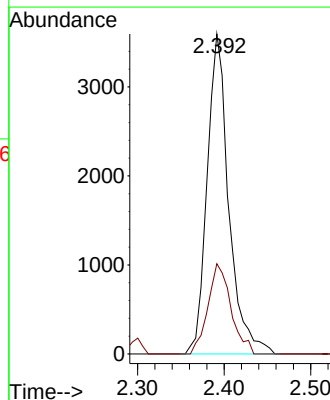
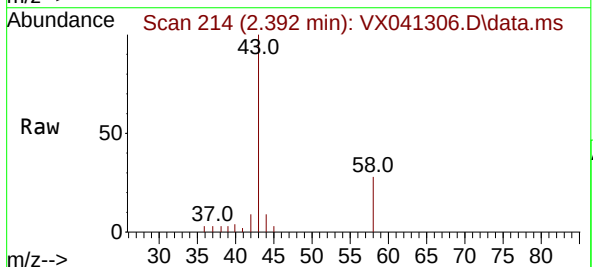
Instrument :
MSVOA_X
ClientSampleId :
MW-2

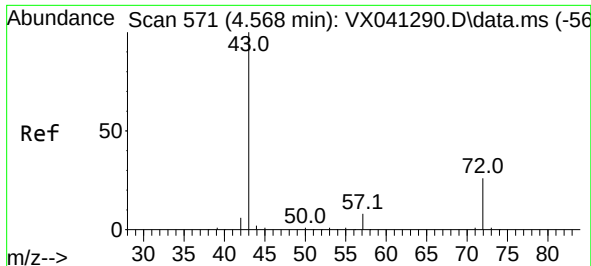
Tgt Ion:168 Resp: 152613
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#



#16
Acetone
Concen: 4.688 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

Tgt Ion: 43 Resp: 6238
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9

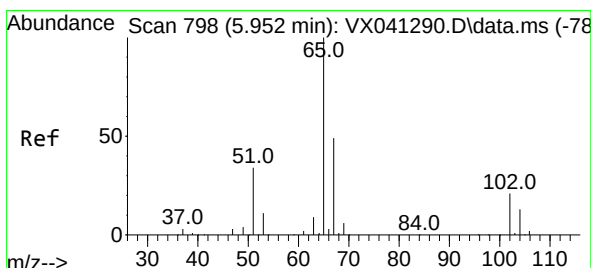
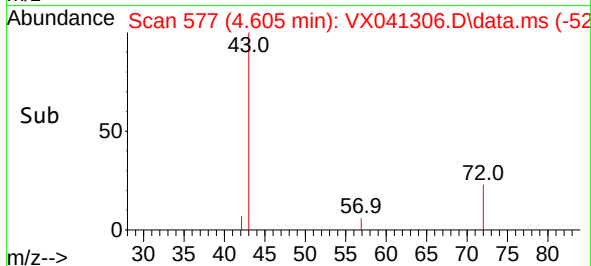
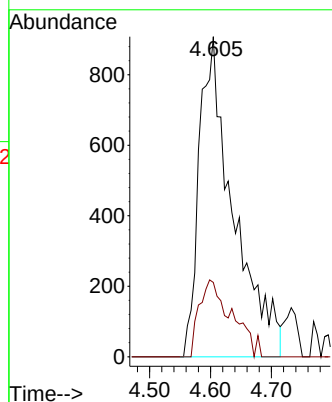
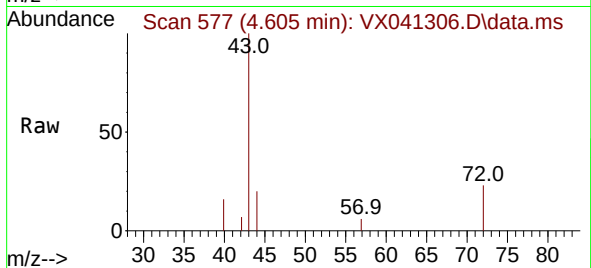




#25
2-Butanone
Concen: 3.270 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

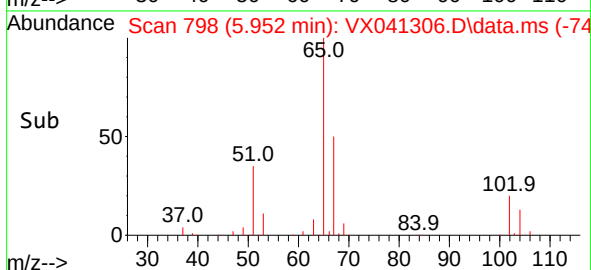
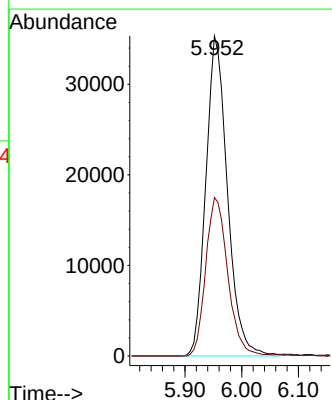
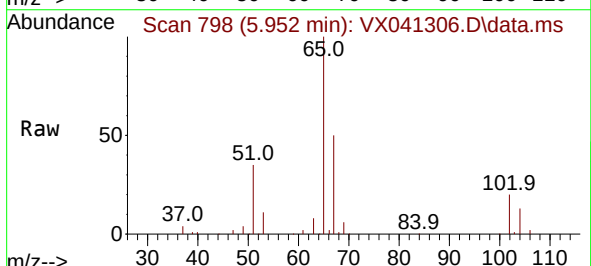
Instrument :
MSVOA_X
ClientSampleId :
MW-2

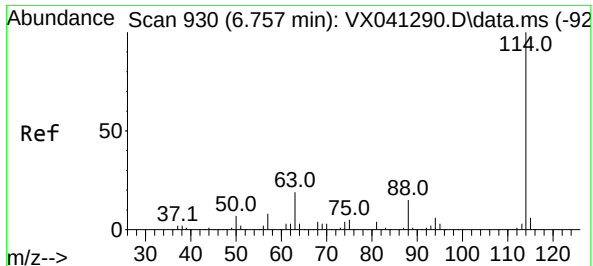
Tgt Ion: 43 Resp: 3516
Ion Ratio Lower Upper
43 100
72 23.2 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 56.261 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

Tgt Ion: 65 Resp: 93472
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX041306.D

Acq: 30 Apr 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-2

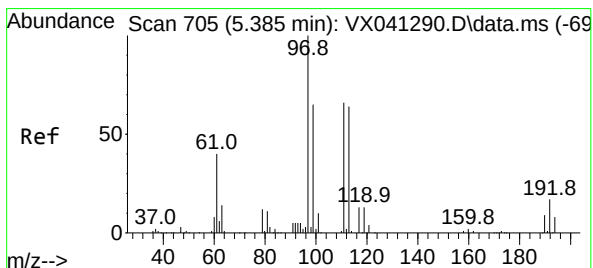
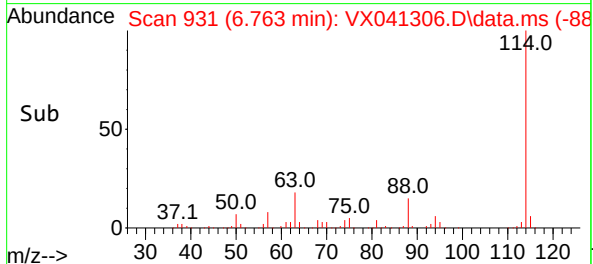
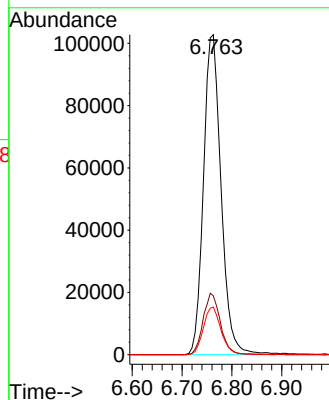
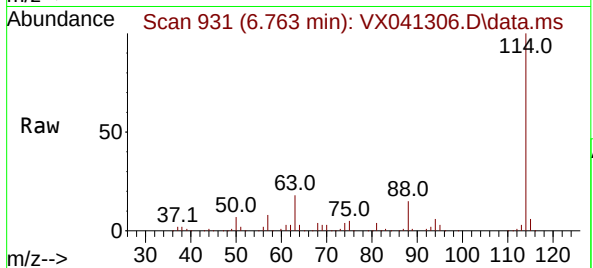
Tgt Ion:114 Resp: 251823

Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

88 14.9 0.0 36.6



#35

Dibromofluoromethane

Concen: 38.820 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041306.D

Acq: 30 Apr 2024 17:49

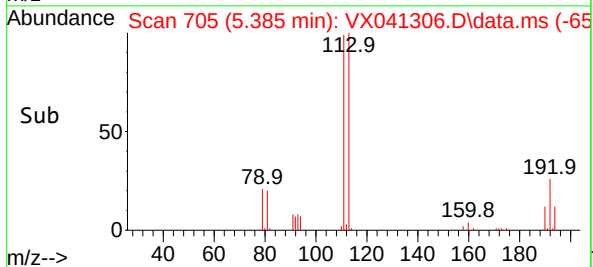
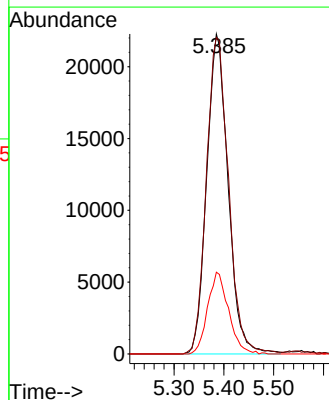
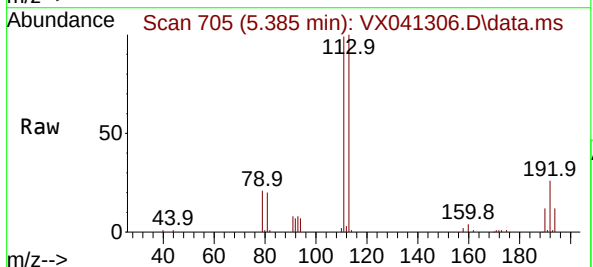
Tgt Ion:113 Resp: 66247

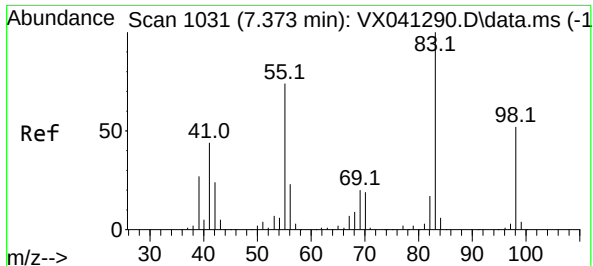
Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

192 25.1 13.3 19.9#





#39

Methylcyclohexane

Concen: 0.808 ug/l

RT: 7.378 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX041306.D

Acq: 30 Apr 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-2

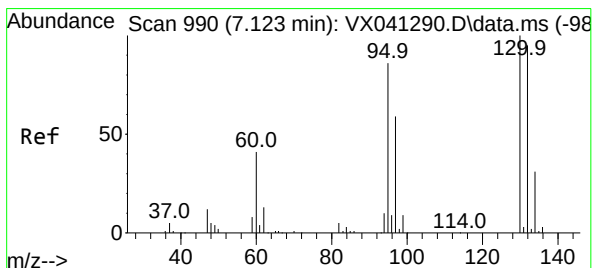
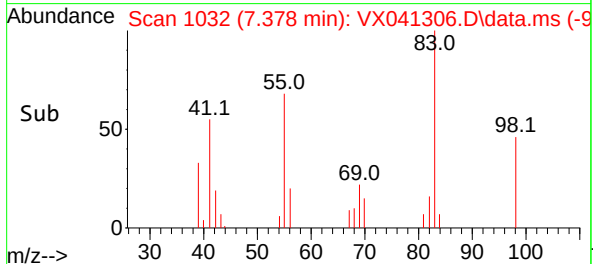
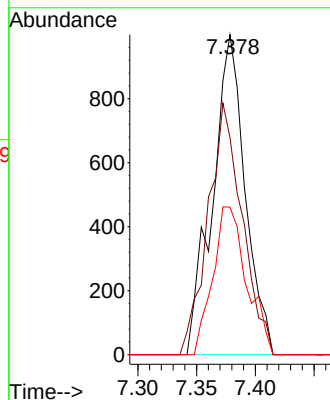
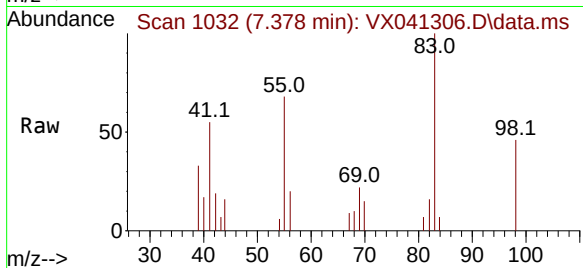
Tgt Ion: 83 Resp: 1937

Ion Ratio Lower Upper

83 100

55 67.9 64.6 97.0

98 46.1 36.7 55.1



#44

Trichloroethene

Concen: 0.348 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX041306.D

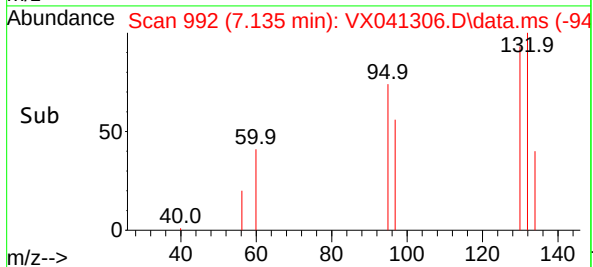
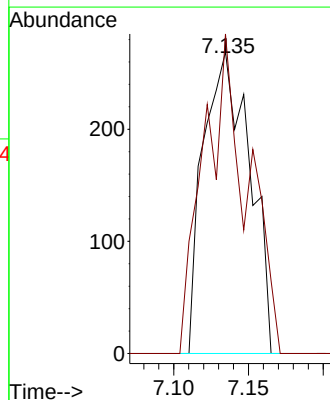
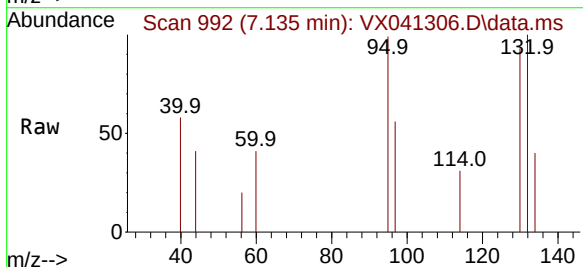
Acq: 30 Apr 2024 17:49

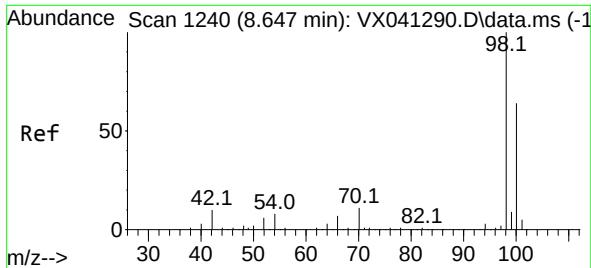
Tgt Ion:130 Resp: 578

Ion Ratio Lower Upper

130 100

95 105.9 0.0 204.4

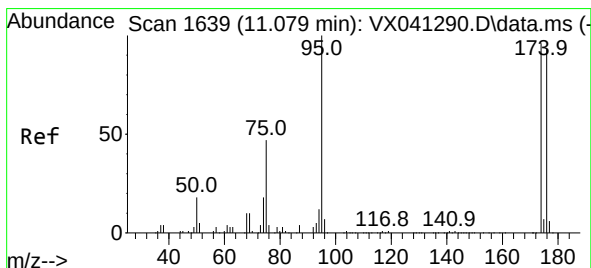
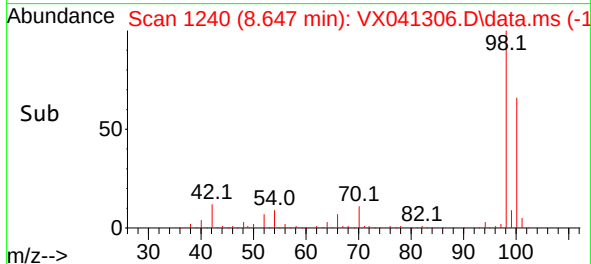
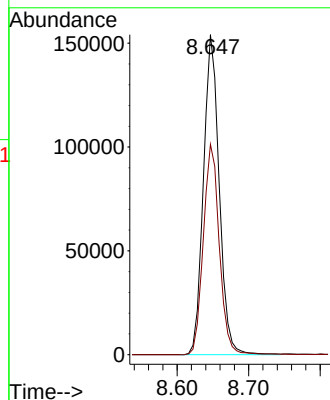
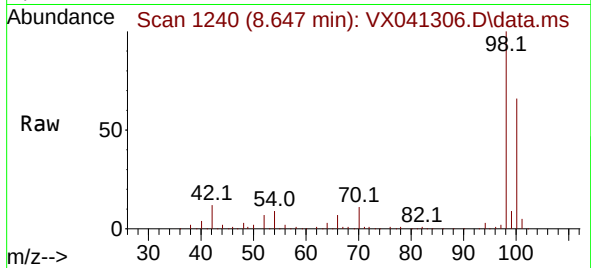




#50
Toluene-d8
Concen: 43.725 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

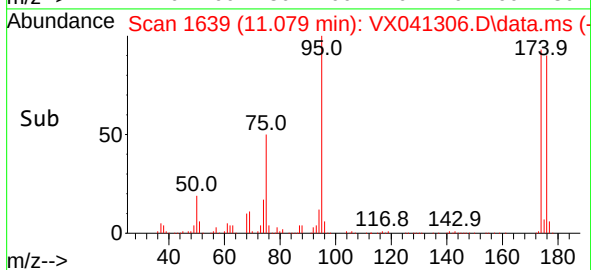
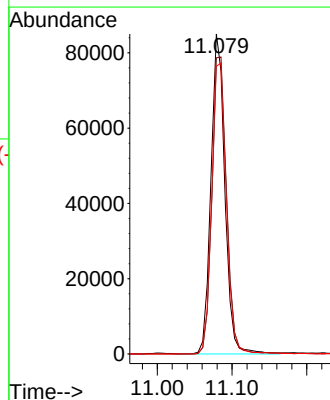
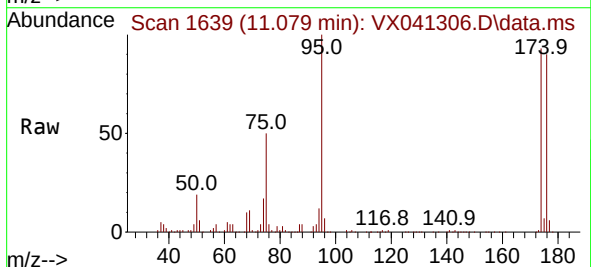
Instrument :
MSVOA_X
ClientSampleId :
MW-2

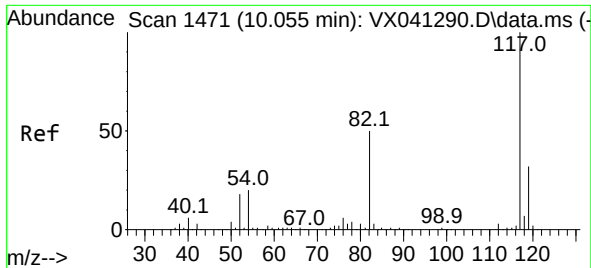
Tgt Ion: 98 Resp: 236173
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

Tgt Ion: 95 Resp: 109875
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 95.6 0.0 131.0

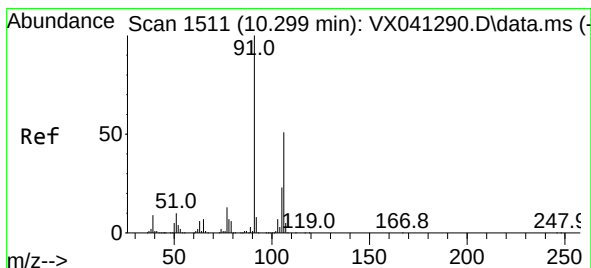
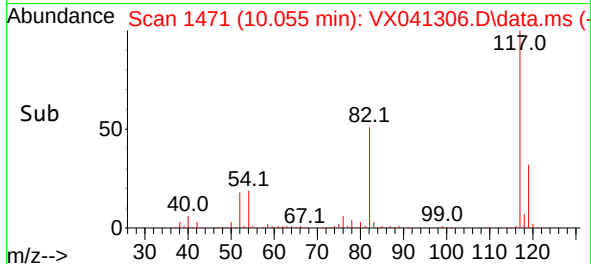
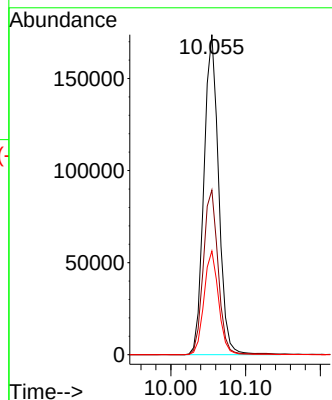
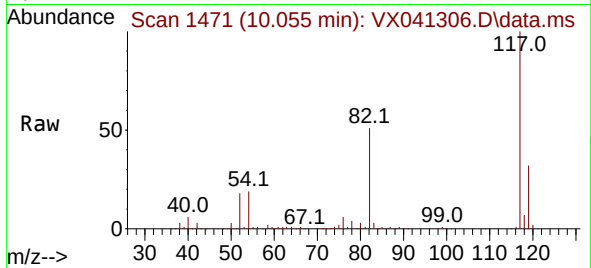




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

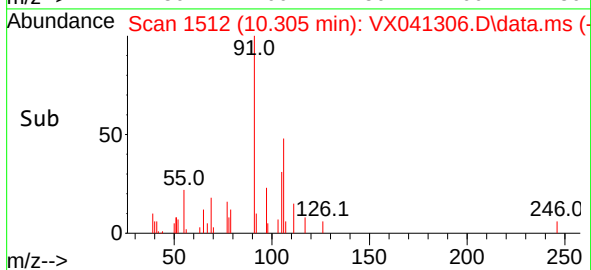
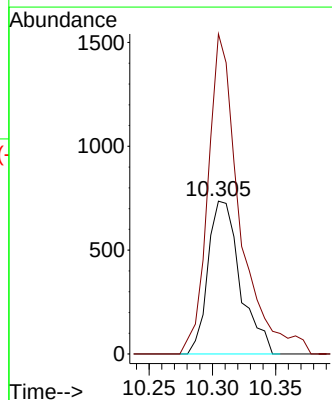
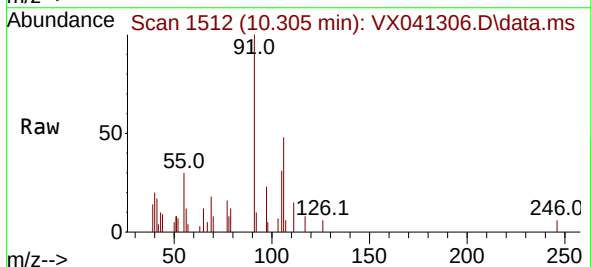
Instrument :
MSVOA_X
ClientSampleId :
MW-2

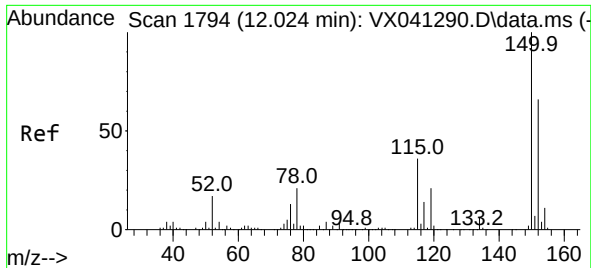
Tgt Ion:117 Resp: 237867
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.407 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

Tgt Ion:106 Resp: 1300
Ion Ratio Lower Upper
106 100
91 207.4 165.5 248.3

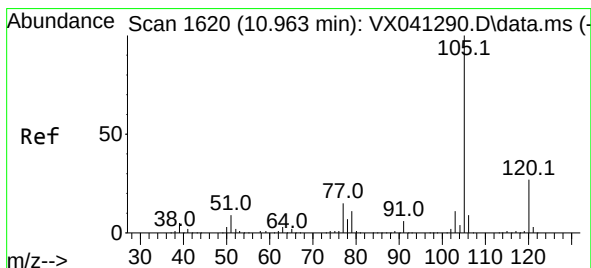
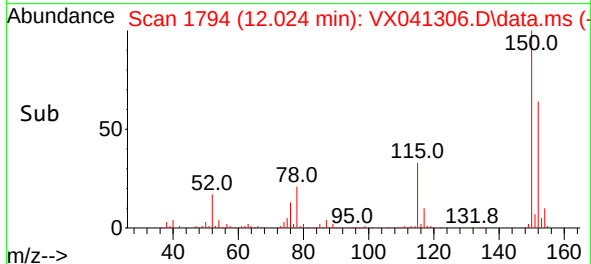
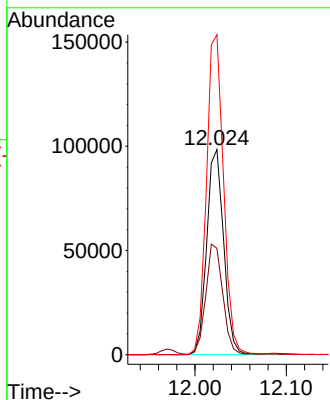
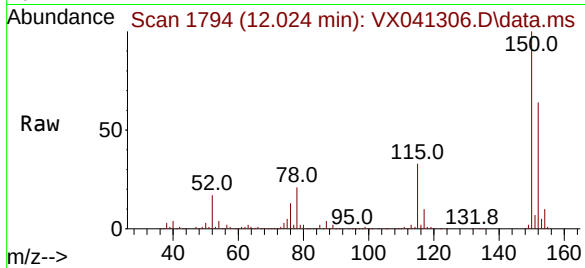




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041306.D
 Acq: 30 Apr 2024 17:49

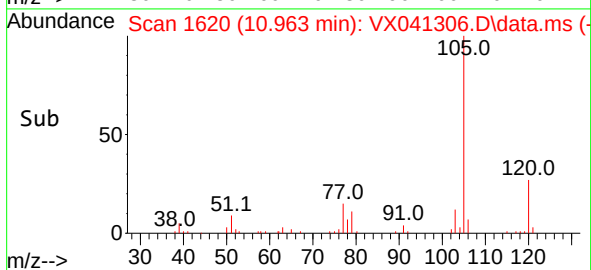
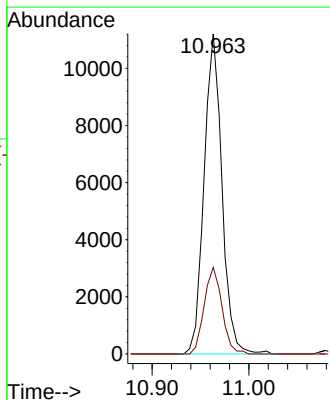
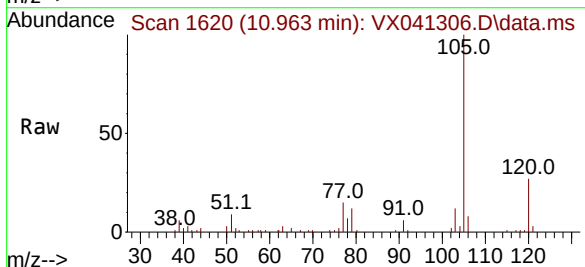
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

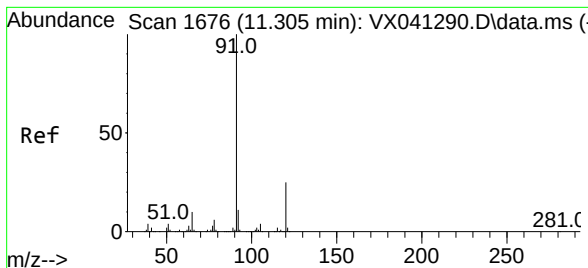
Tgt Ion:152 Resp: 126628
 Ion Ratio Lower Upper
 152 100
 115 53.7 43.3 129.9
 150 157.5 0.0 345.0



#73
 Isopropylbenzene
 Concen: 1.866 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX041306.D
 Acq: 30 Apr 2024 17:49

Tgt Ion:105 Resp: 14425
 Ion Ratio Lower Upper
 105 100
 120 26.9 12.9 38.6

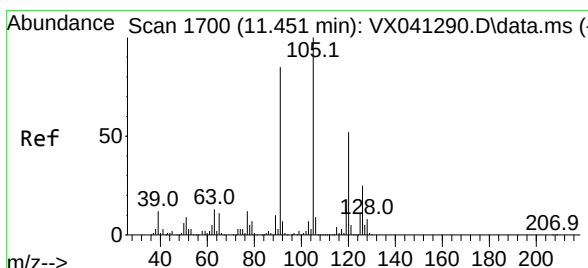
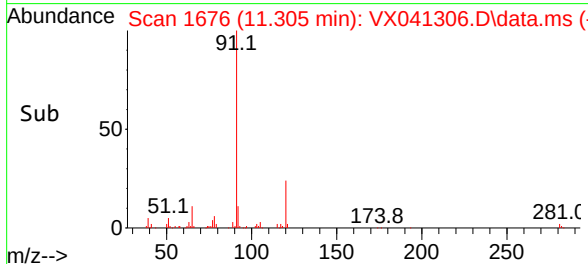
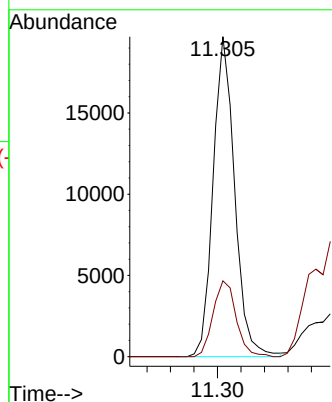
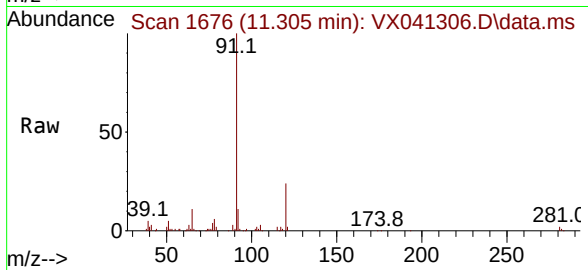




#78
n-propylbenzene
Concen: 3.086 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

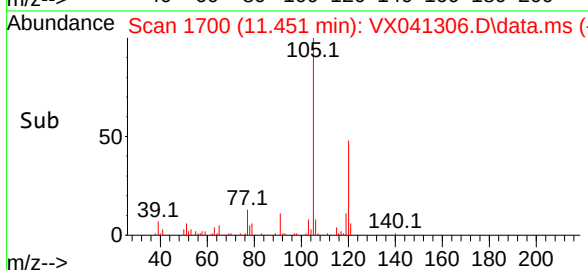
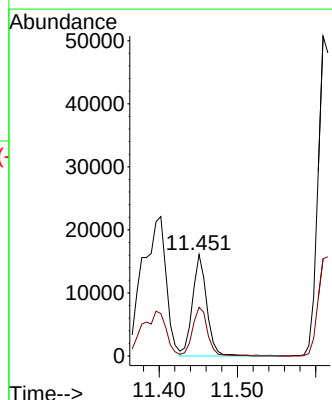
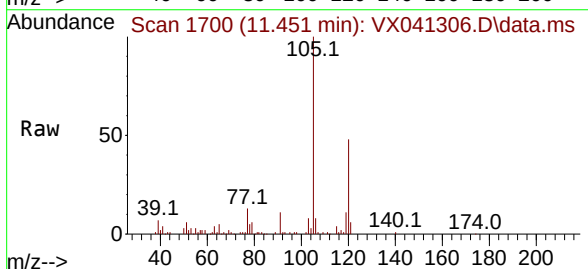
Instrument :
MSVOA_X
ClientSampleId :
MW-2

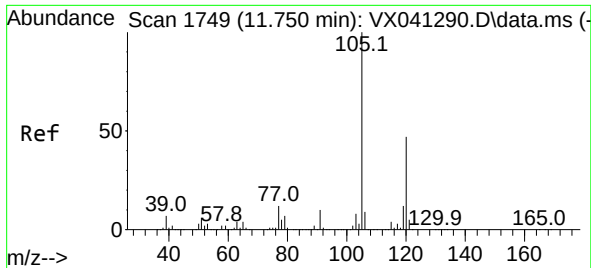
Tgt Ion: 91 Resp: 25056
Ion Ratio Lower Upper
91 100
120 25.4 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 3.244 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

Tgt Ion: 105 Resp: 20440
Ion Ratio Lower Upper
105 100
120 49.9 24.1 72.3

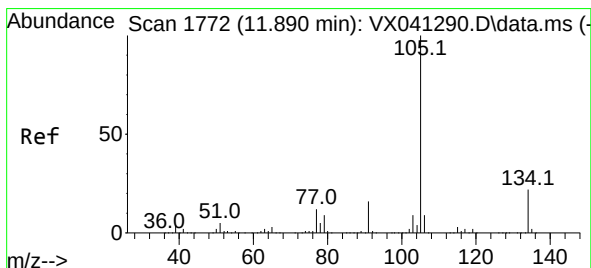
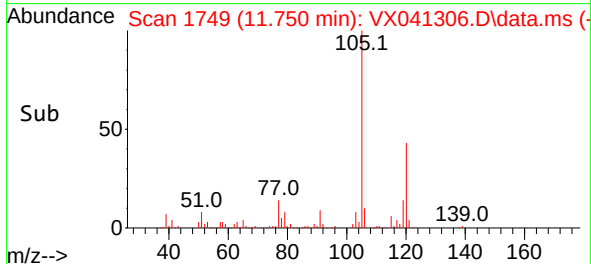
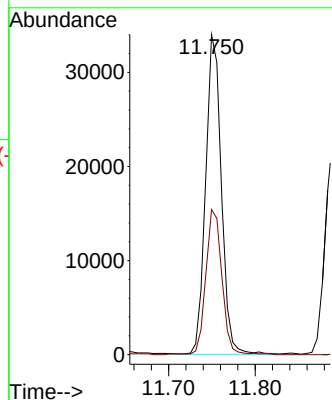
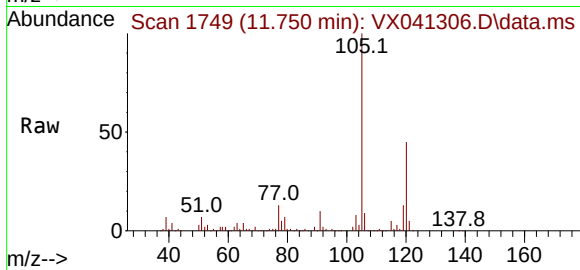




#84
1,2,4-Trimethylbenzene
Concen: 6.758 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

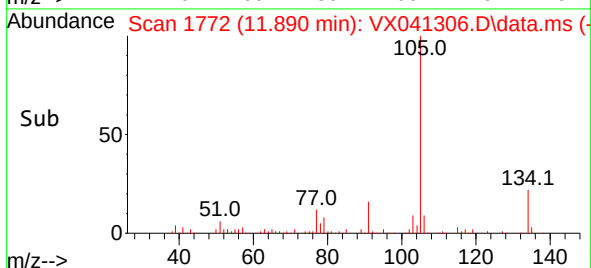
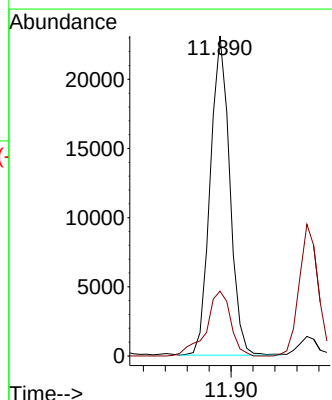
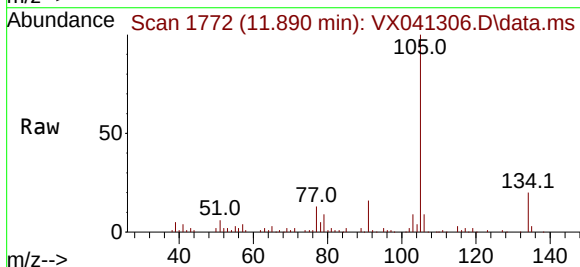
Instrument :
MSVOA_X
ClientSampleId :
MW-2

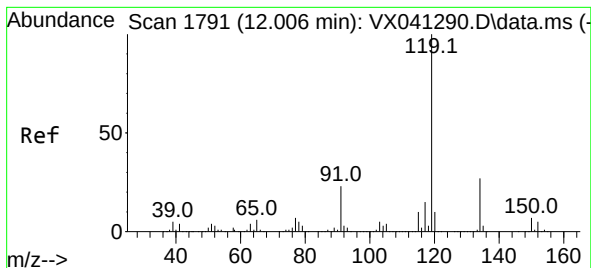
Tgt Ion:105 Resp: 42845
Ion Ratio Lower Upper
105 100
120 46.4 21.2 63.6



#85
sec-Butylbenzene
Concen: 3.688 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX041306.D
Acq: 30 Apr 2024 17:49

Tgt Ion:105 Resp: 28516
Ion Ratio Lower Upper
105 100
134 25.4 9.8 29.4





#86

p-Isopropyltoluene

Concen: 1.431 ug/l

RT: 12.006 min Scan# 119

Delta R.T. -0.000 min

Lab File: VX041306.D

Acq: 30 Apr 2024 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-2

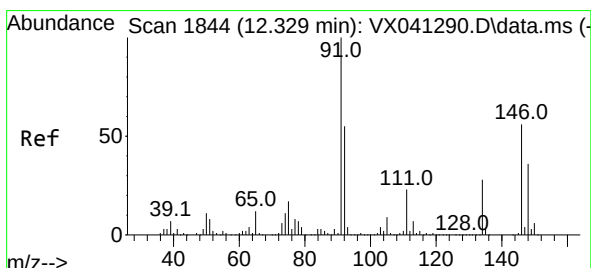
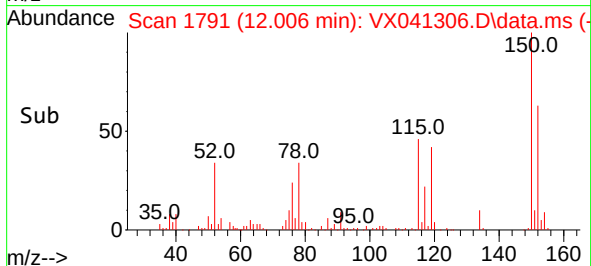
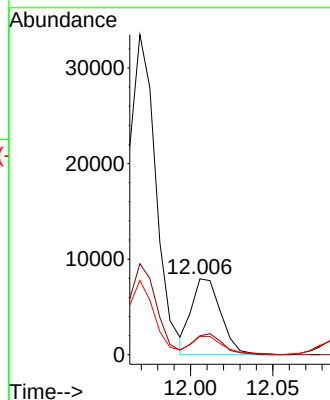
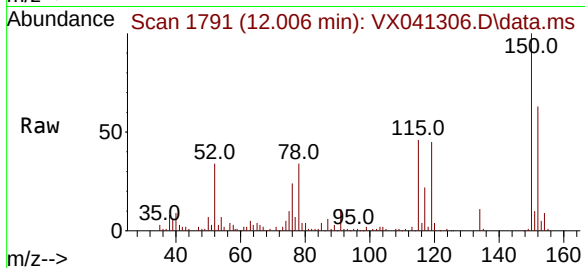
Tgt Ion:119 Resp: 9936

Ion Ratio Lower Upper

119 100

134 27.5 12.8 38.3

91 26.1 13.1 39.3



#89

n-Butylbenzene

Concen: 5.238 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX041306.D

Acq: 30 Apr 2024 17:49

Tgt Ion: 91 Resp: 29252

Ion Ratio Lower Upper

91 100

92 36.7 27.4 82.0

134 104.5 12.6 37.8#

