

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042115.D
 Acq On : 01 Jul 2024 15:32
 Operator : JC/MD
 Sample : P3092-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3-20240626

Quant Time: Jul 02 02:06:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

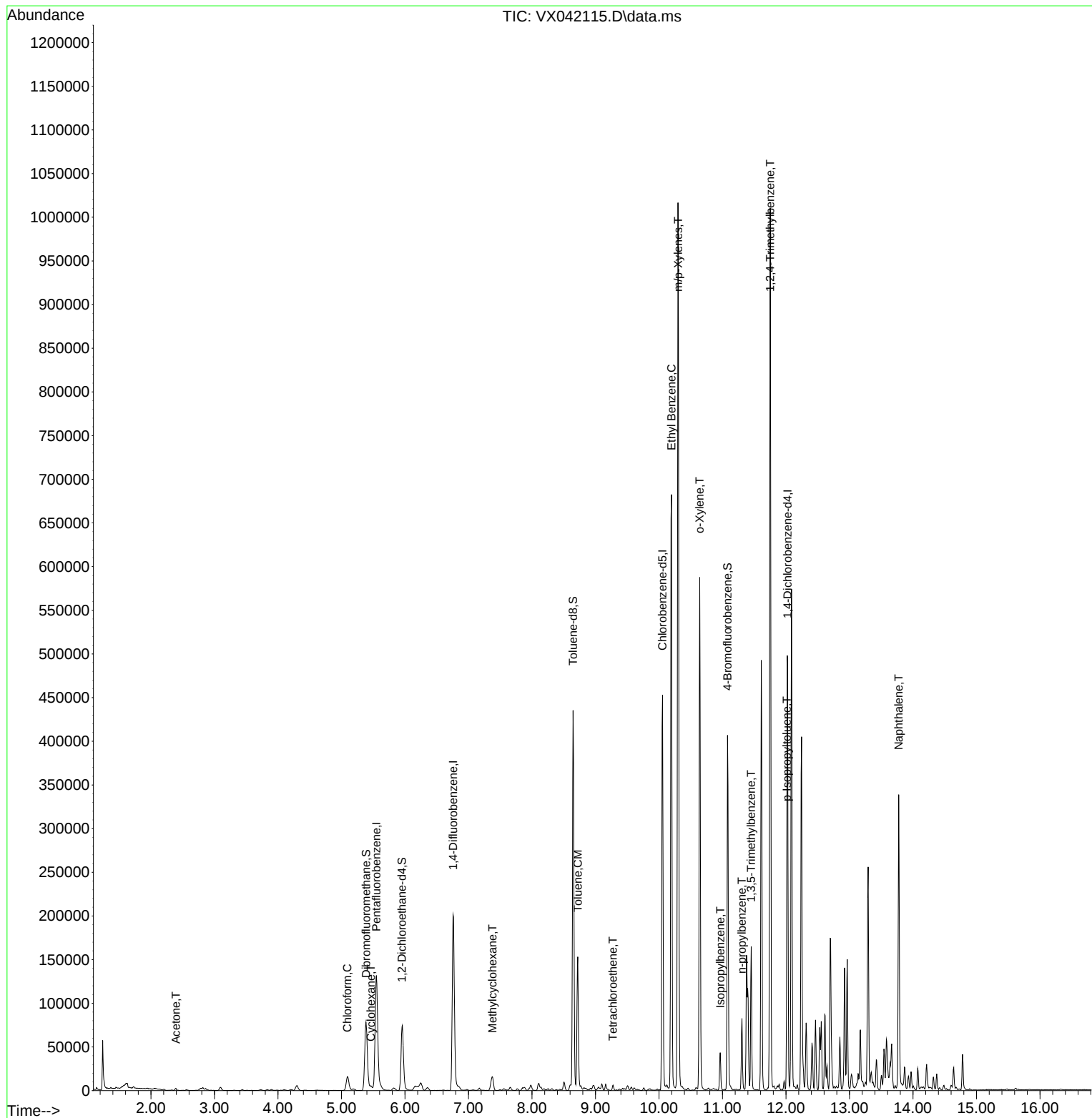
Internal Standards						
1) Pentafluorobenzene	5.550	168	146976	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	227289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72249	42.629	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.260%		
35) Dibromofluoromethane	5.385	113	70179	43.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.040%		
50) Toluene-d8	8.647	98	268674	47.422	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.840%		
62) 4-Bromofluorobenzene	11.079	95	105633	50.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.160%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	2552	3.429	ug/l	# 89
30) Chloroform	5.093	83	20541	8.285	ug/l	100
31) Cyclohexane	5.465	56	2931	1.479	ug/l	# 91
39) Methylcyclohexane	7.379	83	6930	3.200	ug/l	91
52) Toluene	8.720	92	62251	16.925	ug/l	99
64) Tetrachloroethene	9.275	164	1275	0.760	ug/l	# 88
67) Ethyl Benzene	10.195	91	410447	54.630	ug/l	98
68) m/p-Xylenes	10.299	106	252600	83.287	ug/l	90
69) o-Xylene	10.640	106	133727	44.536	ug/l	90
73) Isopropylbenzene	10.964	105	23251	3.157	ug/l	96
78) n-propylbenzene	11.305	91	49624	6.210	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	70705	11.527	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	440814	71.630	ug/l	92
86) p-Isopropyltoluene	12.012	119	1854	0.279	ug/l	# 65
95) Naphthalene	13.774	128	217951	25.471	ug/l	100

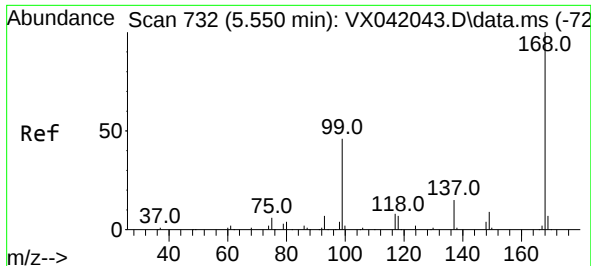
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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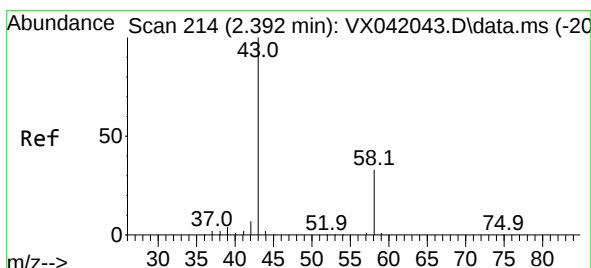
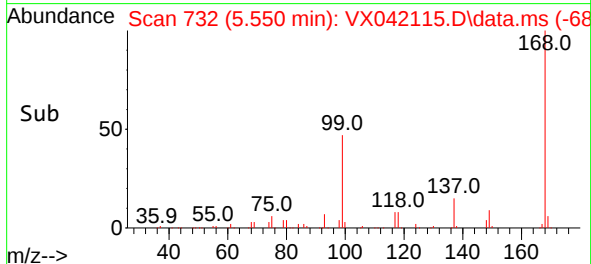
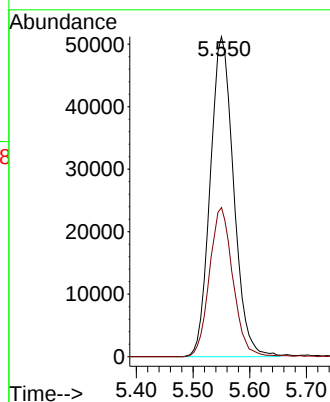
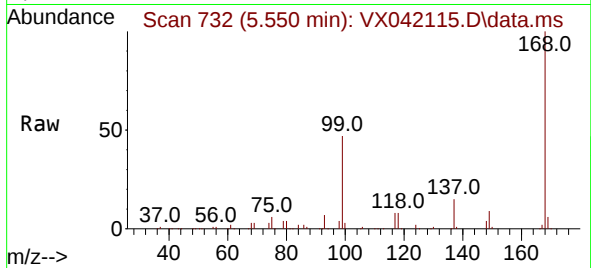




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

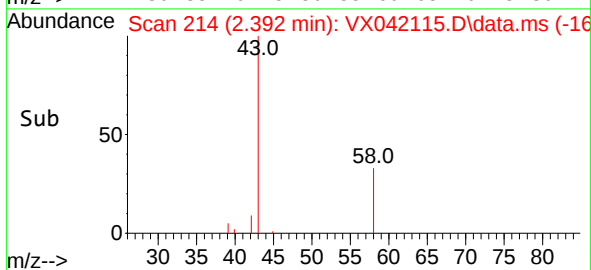
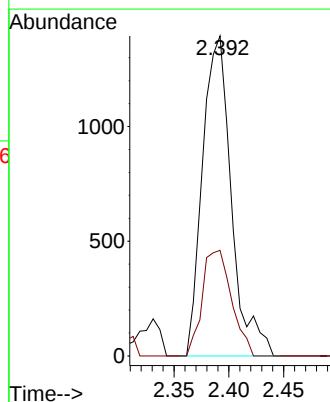
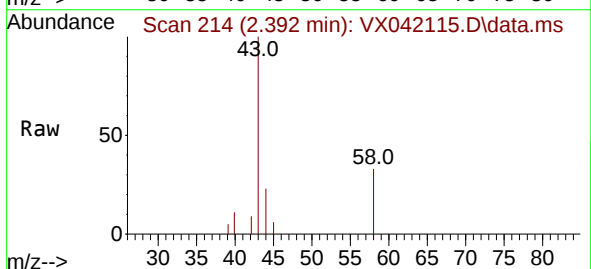
Instrument :
MSVOA_X
ClientSampleId :
MW3-20240626

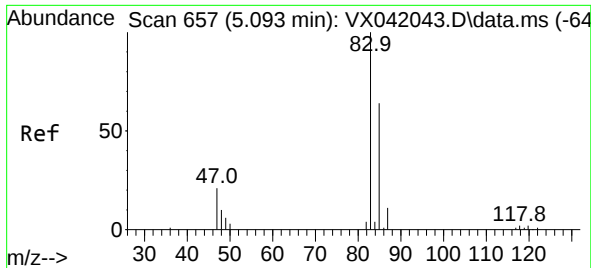
Tgt Ion:168 Resp: 146976
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0#



#16
Acetone
Concen: 3.429 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#





#30

Chloroform

Concen: 8.285 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX042115.D

Acq: 01 Jul 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

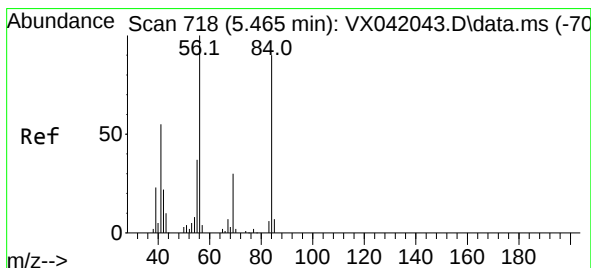
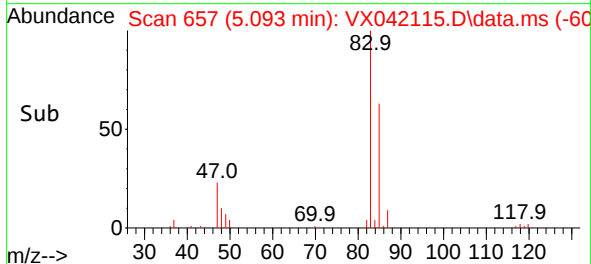
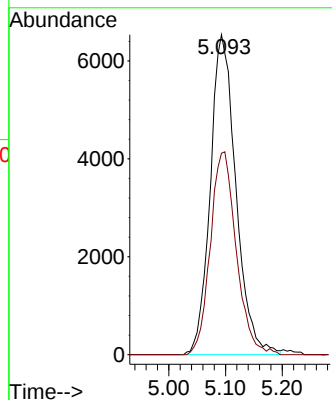
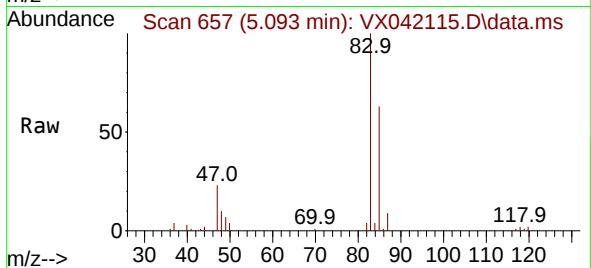
MW3-20240626

Tgt Ion: 83 Resp: 20541

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5



#31

Cyclohexane

Concen: 1.479 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX042115.D

Acq: 01 Jul 2024 15:32

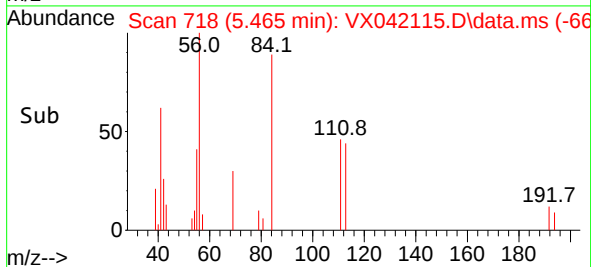
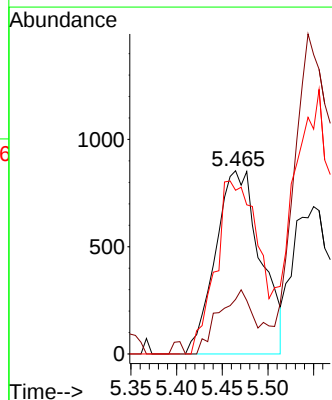
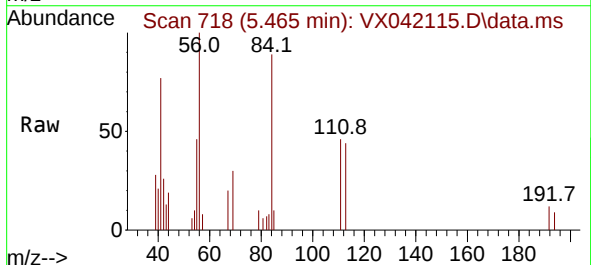
Tgt Ion: 56 Resp: 2931

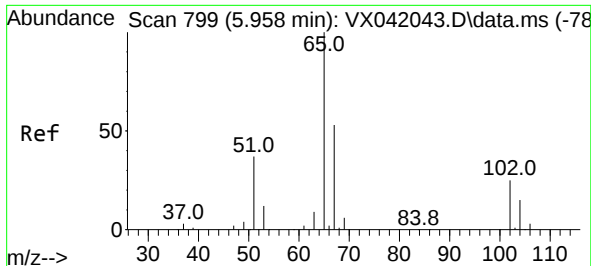
Ion Ratio Lower Upper

56 100

69 23.1 23.4 35.2#

84 89.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 42.629 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX042115.D

Acq: 01 Jul 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

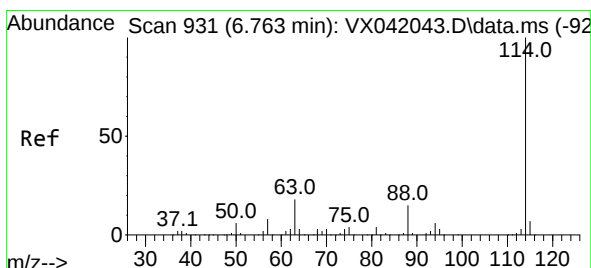
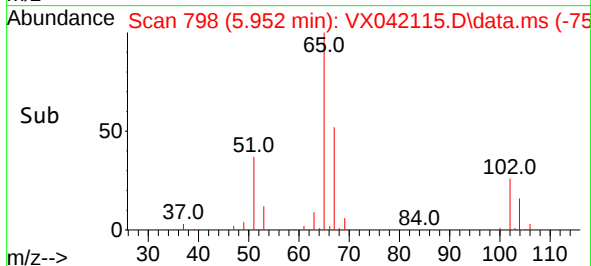
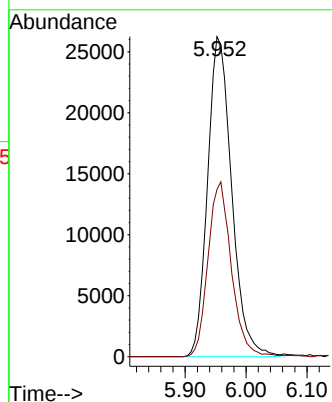
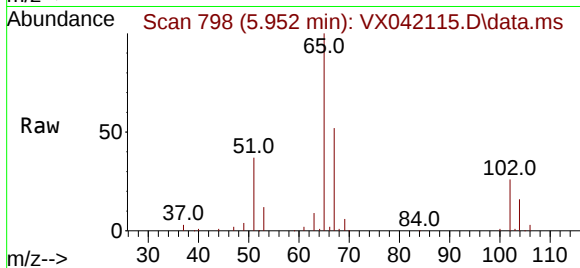
MW3-20240626

Tgt Ion: 65 Resp: 72249

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042115.D

Acq: 01 Jul 2024 15:32

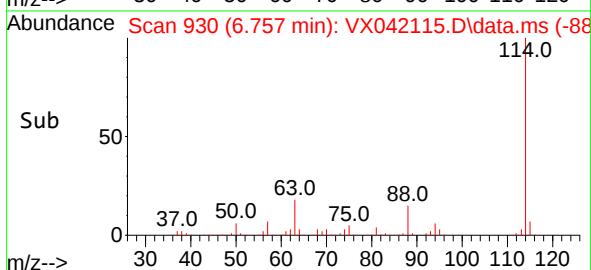
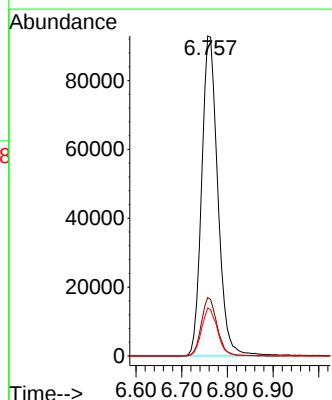
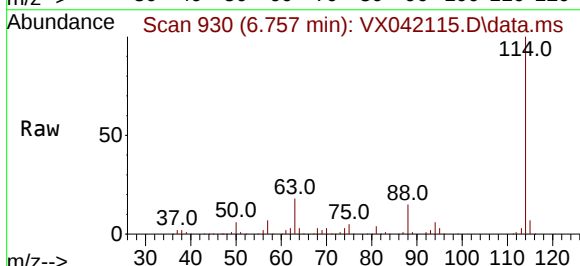
Tgt Ion:114 Resp: 227289

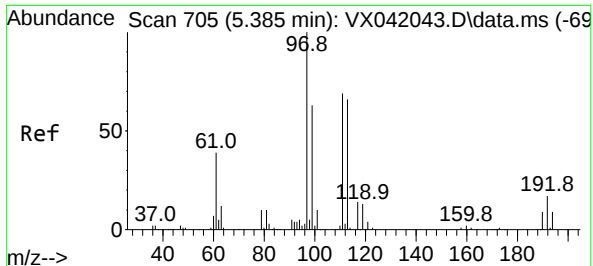
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 15.0 0.0 36.6

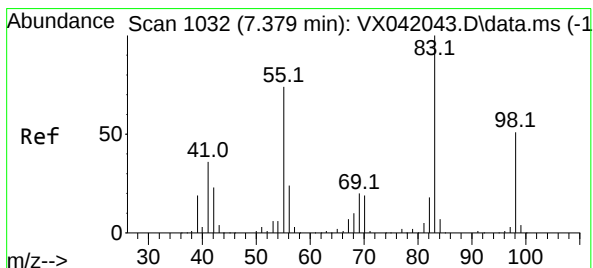
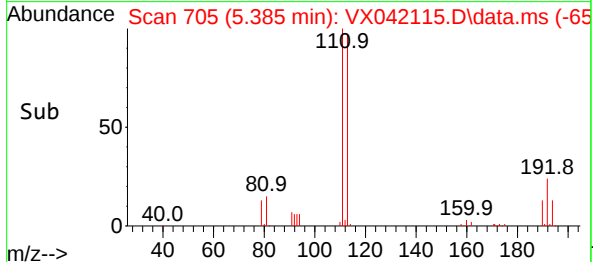
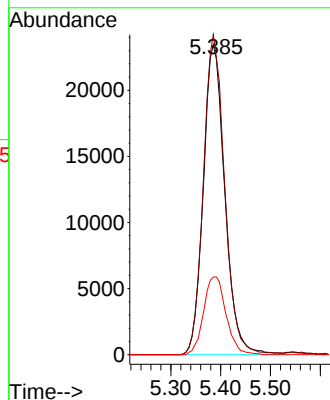
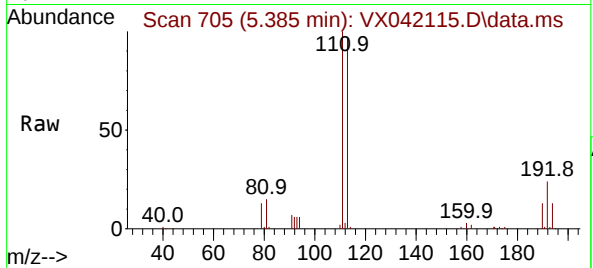




#35
Dibromofluoromethane
Concen: 43.516 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

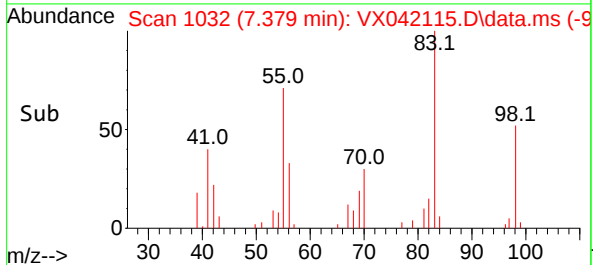
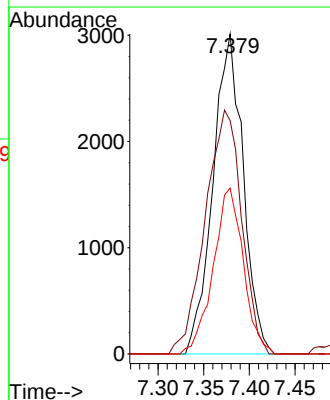
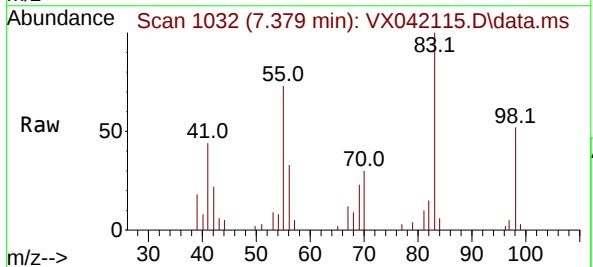
Instrument :
MSVOA_X
ClientSampleId :
MW3-20240626

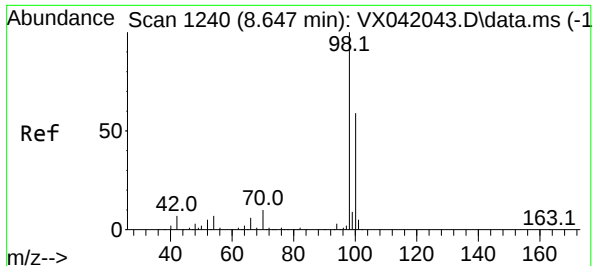
Tgt Ion:113 Resp: 70179
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 26.2 13.3 19.9#



#39
Methylcyclohexane
Concen: 3.200 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

Tgt Ion: 83 Resp: 6930
Ion Ratio Lower Upper
83 100
55 72.9 64.6 97.0
98 51.8 36.7 55.1

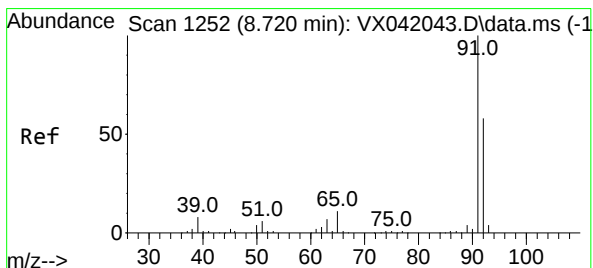
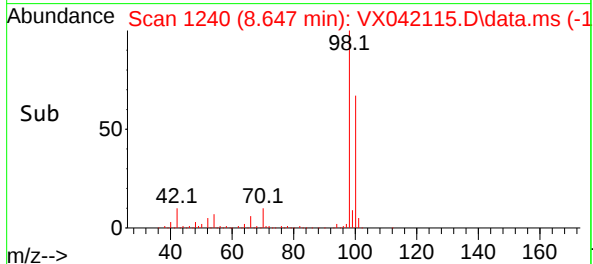
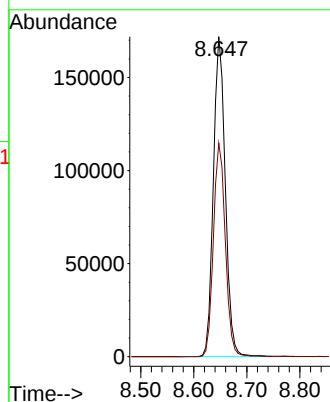
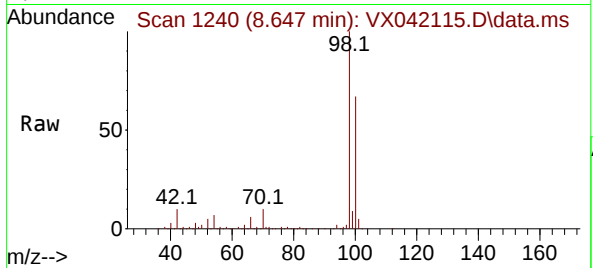




#50
Toluene-d8
Concen: 47.422 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

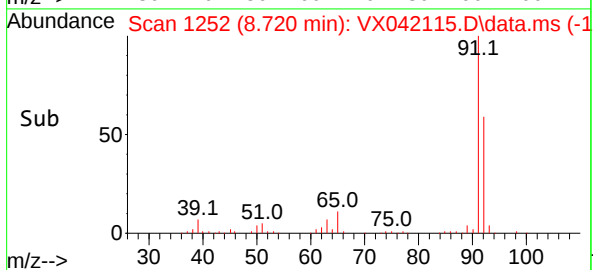
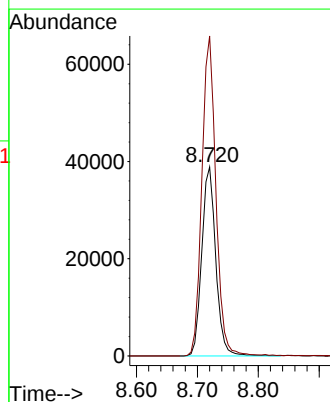
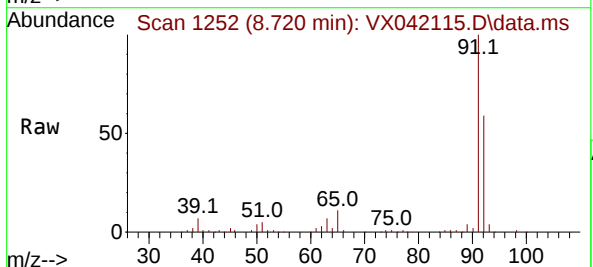
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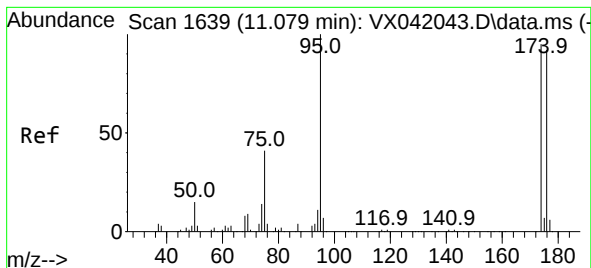
Tgt Ion: 98 Resp: 268674
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



#52
Toluene
Concen: 16.925 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

Tgt Ion: 92 Resp: 62251
Ion Ratio Lower Upper
92 100
91 169.1 134.2 201.2

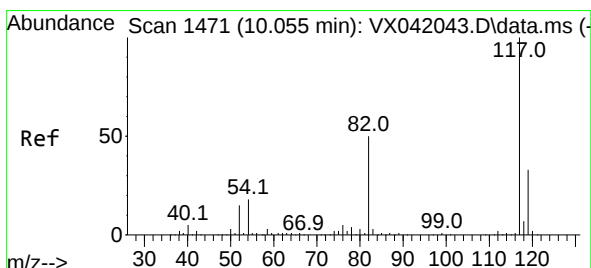
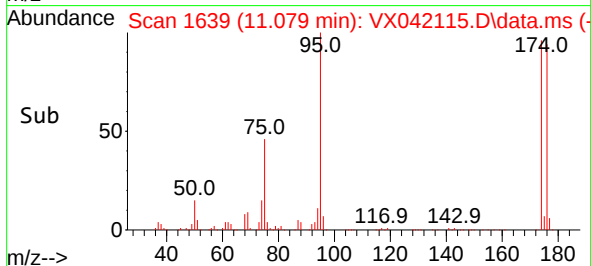
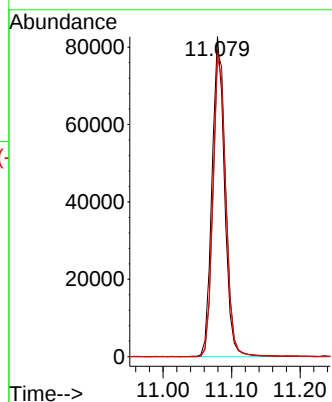
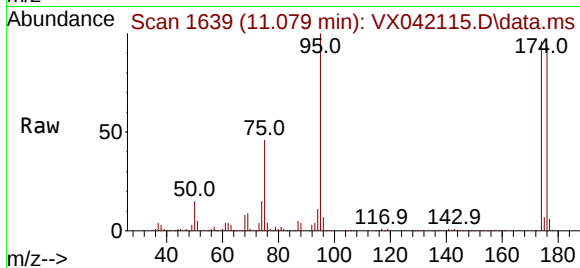




#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

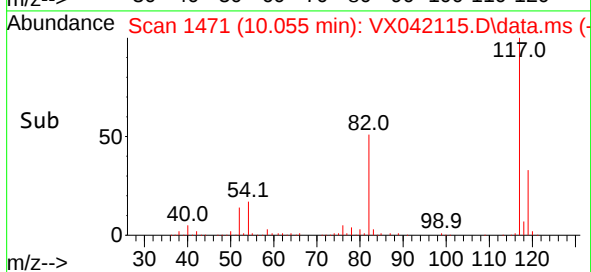
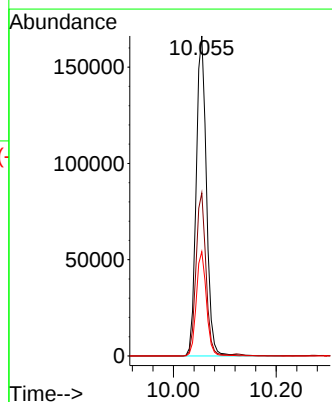
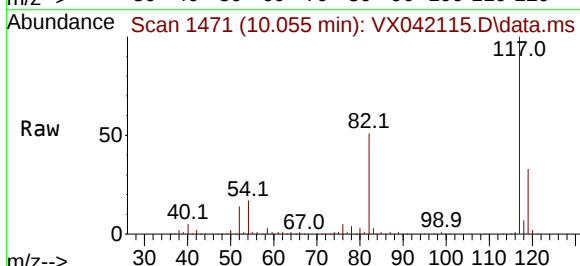
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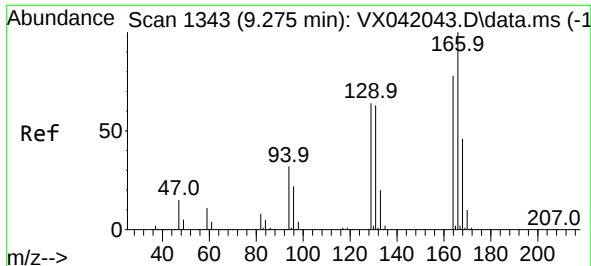
Tgt Ion: 95 Resp: 105633
Ion Ratio Lower Upper
95 100
174 98.9 0.0 135.6
176 95.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

Tgt Ion: 117 Resp: 230516
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.6 25.5 38.3

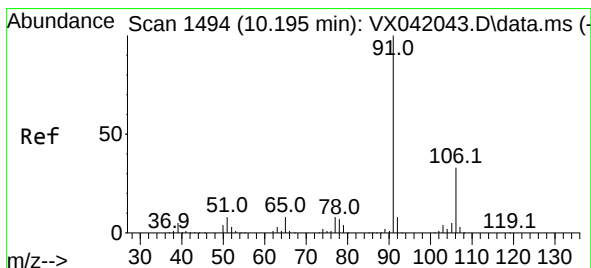
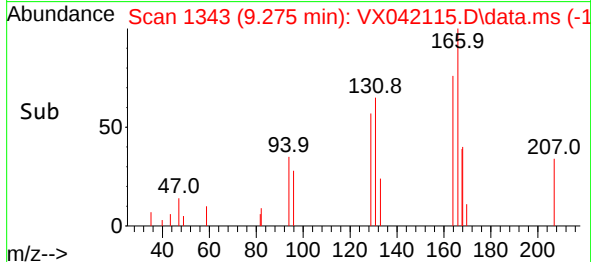
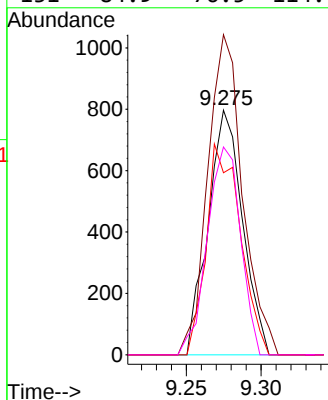
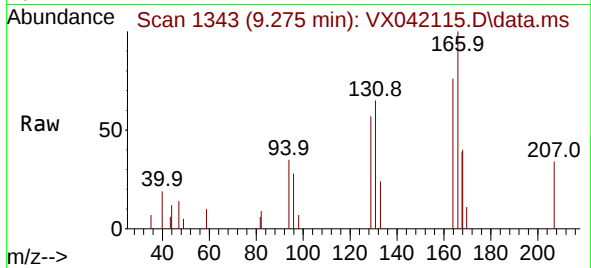




#64
Tetrachloroethene
Concen: 0.760 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

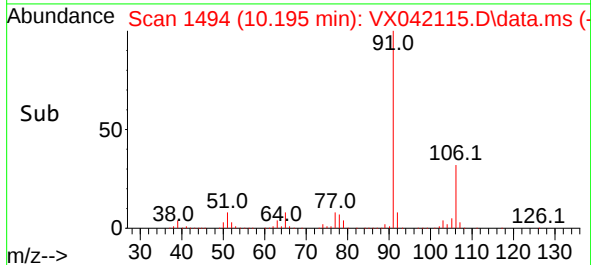
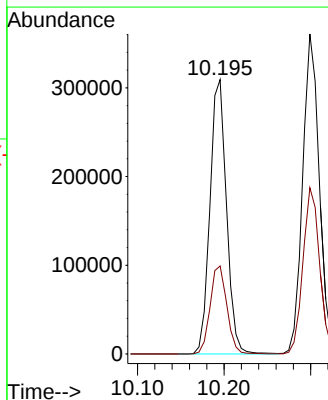
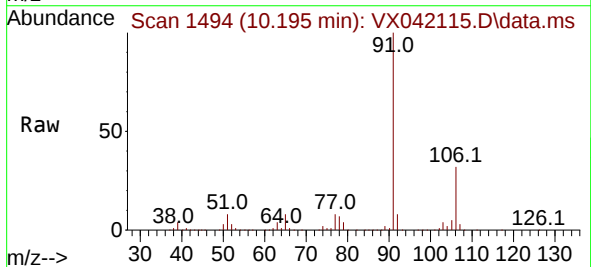
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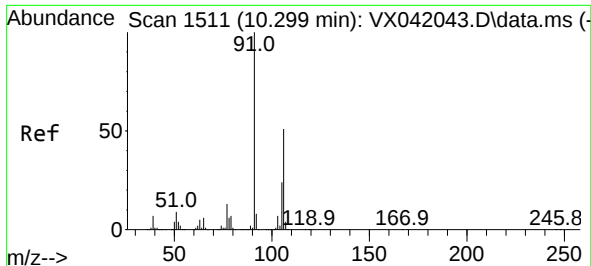
Tgt Ion:164	Resp:	1275
Ion	Ratio	Lower Upper
164	100	
166	130.9	102.7 154.1
129	74.4	80.4 120.6#
131	84.9	76.5 114.7



#67
Ethyl Benzene
Concen: 54.630 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

Tgt Ion: 91	Resp:	410447
Ion	Ratio	Lower Upper
91	100	
106	32.0	24.9 37.3

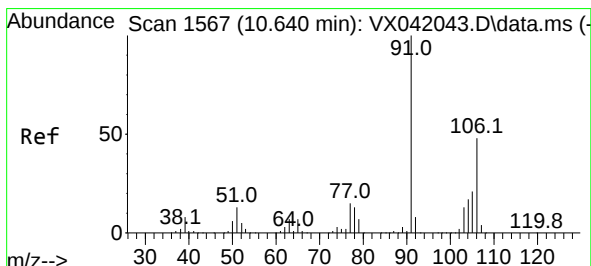
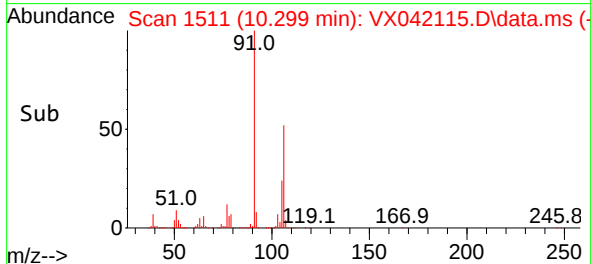
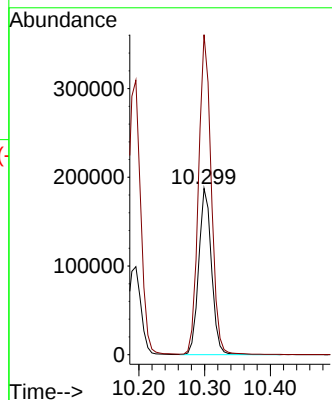
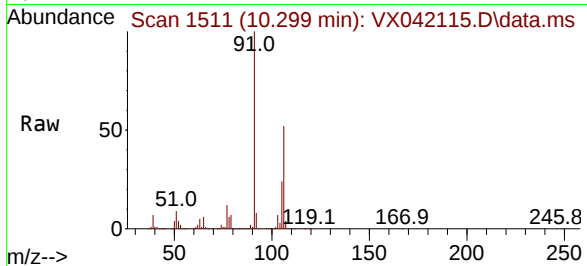




#68
m/p-Xylenes
Concen: 83.287 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

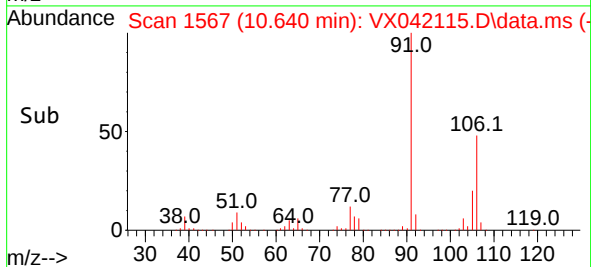
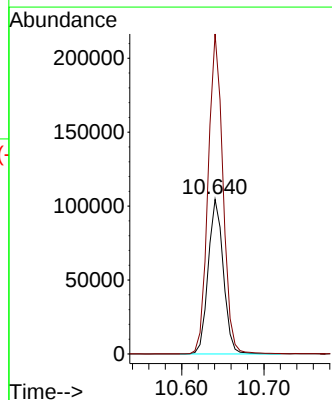
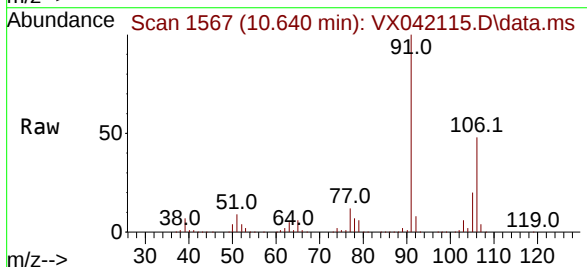
Instrument :
MSVOA_X
ClientSampleId :
MW3-20240626

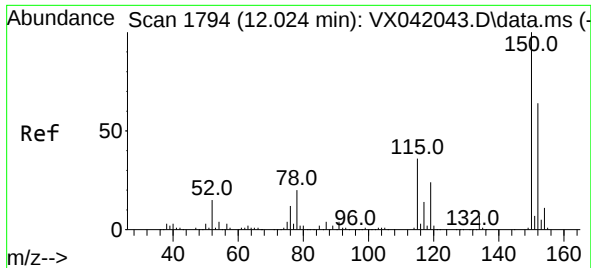
Tgt Ion:106 Resp: 252600
Ion Ratio Lower Upper
106 100
91 191.9 165.5 248.3



#69
o-Xylene
Concen: 44.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

Tgt Ion:106 Resp: 133727
Ion Ratio Lower Upper
106 100
91 202.3 108.9 326.8

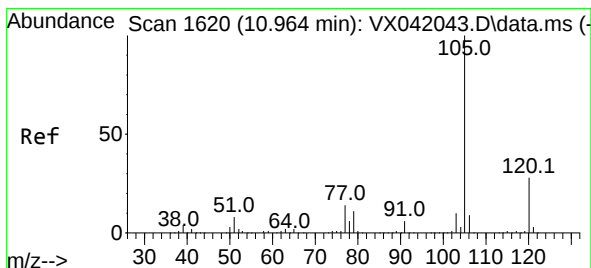
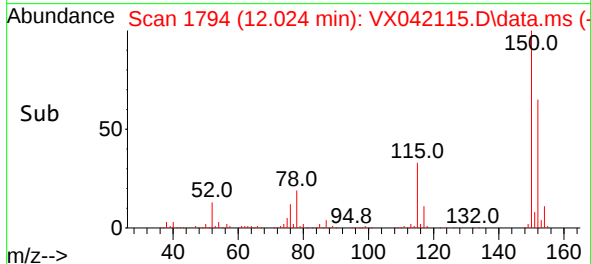
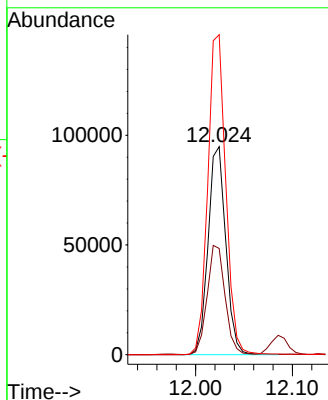
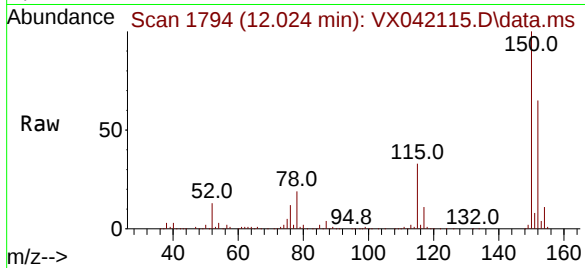




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

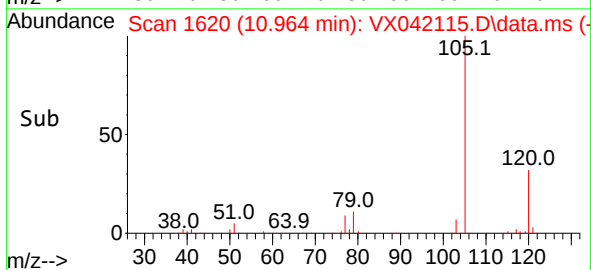
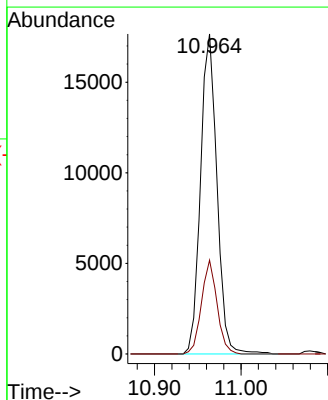
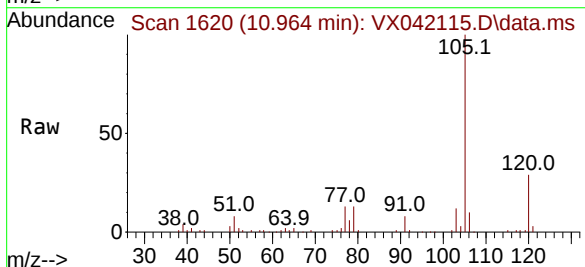
Instrument :
MSVOA_X
ClientSampleId :
MW3-20240626

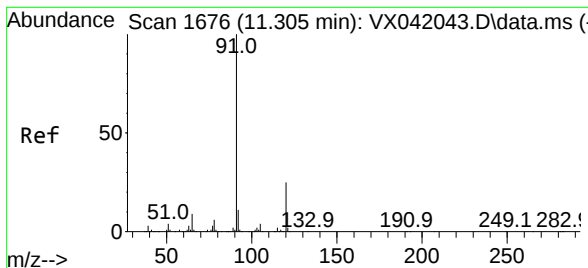
Tgt Ion:152 Resp: 121118
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 156.4 0.0 345.0



#73
Isopropylbenzene
Concen: 3.157 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042115.D
Acq: 01 Jul 2024 15:32

Tgt Ion:105 Resp: 23251
Ion Ratio Lower Upper
105 100
120 27.7 12.9 38.6





#78

n-propylbenzene

Concen: 6.210 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042115.D

Acq: 01 Jul 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

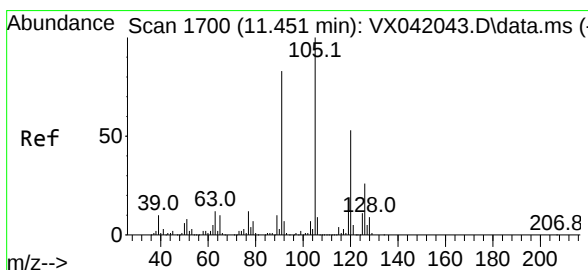
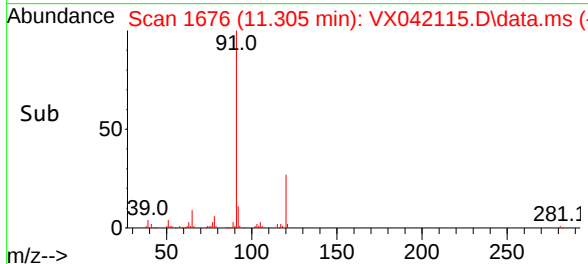
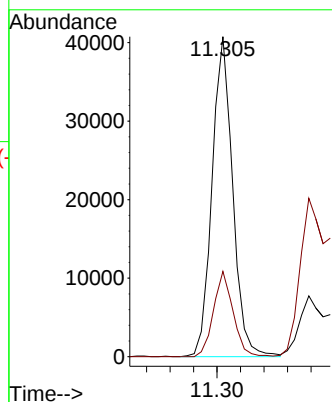
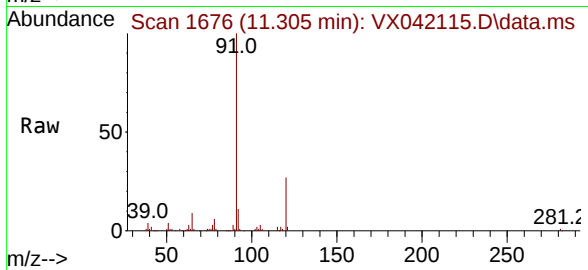
MW3-20240626

Tgt Ion: 91 Resp: 49624

Ion Ratio Lower Upper

91 100

120 25.3 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 11.527 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042115.D

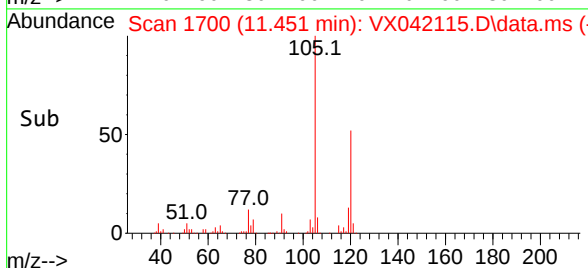
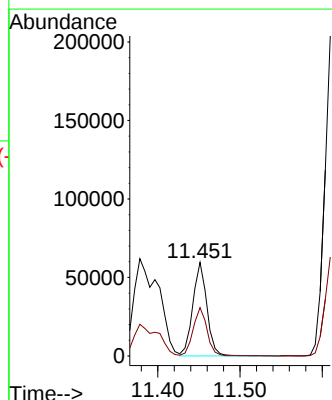
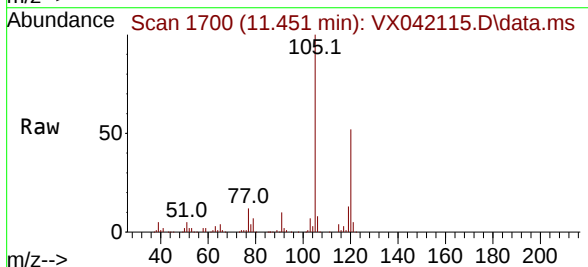
Acq: 01 Jul 2024 15:32

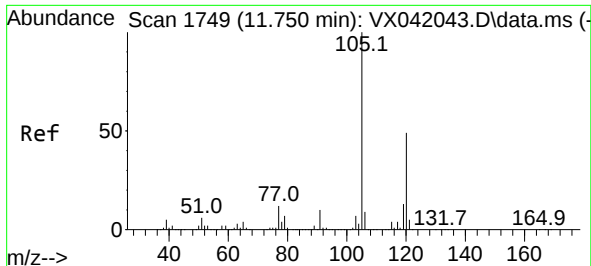
Tgt Ion: 105 Resp: 70705

Ion Ratio Lower Upper

105 100

120 51.3 24.1 72.3

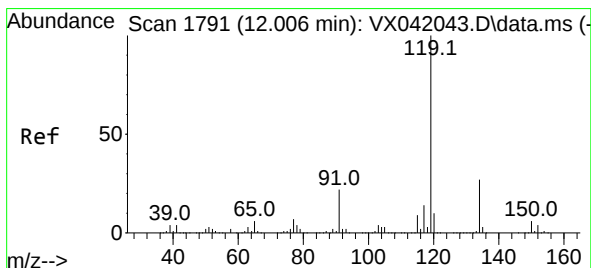
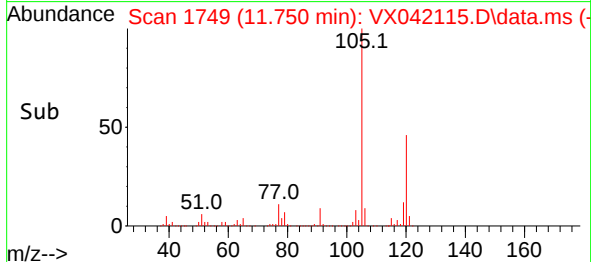
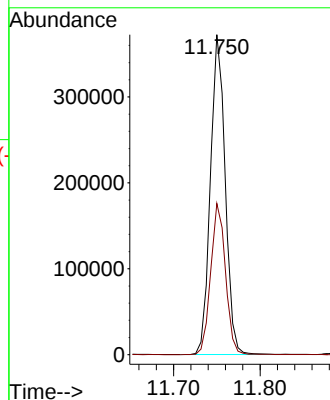
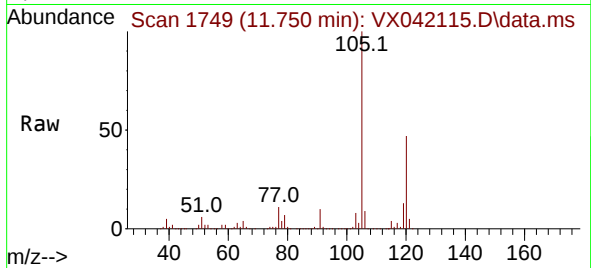




#84
 1,2,4-Trimethylbenzene
 Concen: 71.630 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX042115.D
 Acq: 01 Jul 2024 15:32

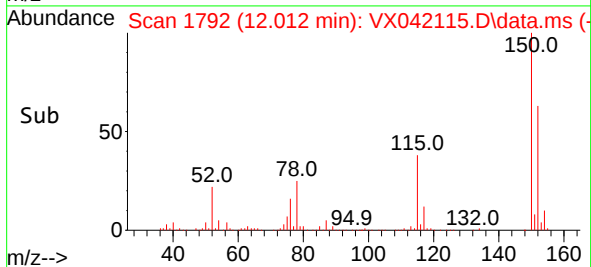
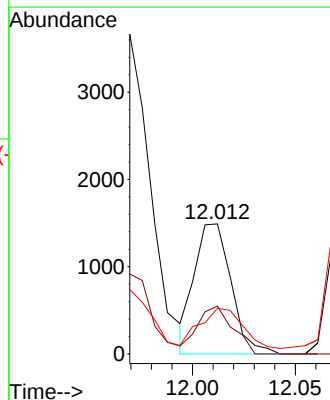
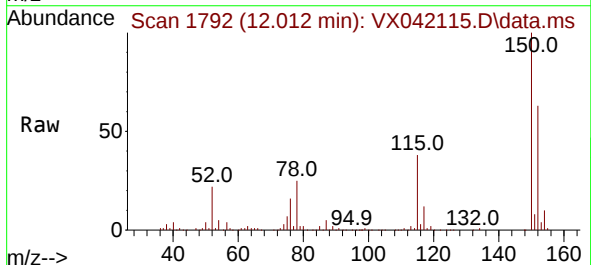
Instrument :
 MSVOA_X
 ClientSampleId :
 MW3-20240626

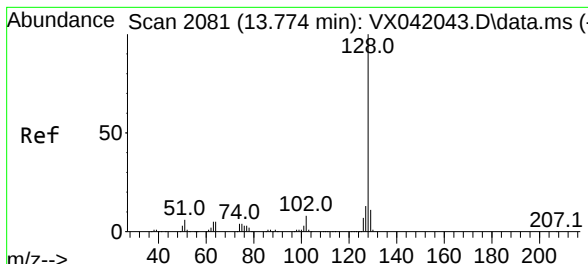
Tgt Ion:105 Resp: 440814
 Ion Ratio Lower Upper
 105 100
 120 47.5 21.2 63.6



#86
 p-Isopropyltoluene
 Concen: 0.279 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042115.D
 Acq: 01 Jul 2024 15:32

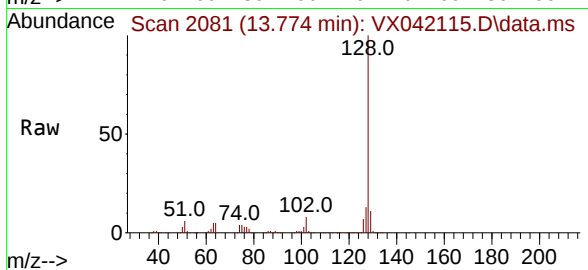
Tgt Ion:119 Resp: 1854
 Ion Ratio Lower Upper
 119 100
 134 35.2 12.8 38.3
 91 0.0 13.1 39.3#





#95
 Naphthalene
 Concen: 25.471 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX042115.D
 Acq: 01 Jul 2024 15:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3-20240626



Tgt Ion:	128	Resp:	217951
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2

