

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032584.D
 Acq On : 04 Nov 2022 18:11
 Operator : JC/MD
 Sample : N5486-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3R

Quant Time: Nov 05 00:39:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

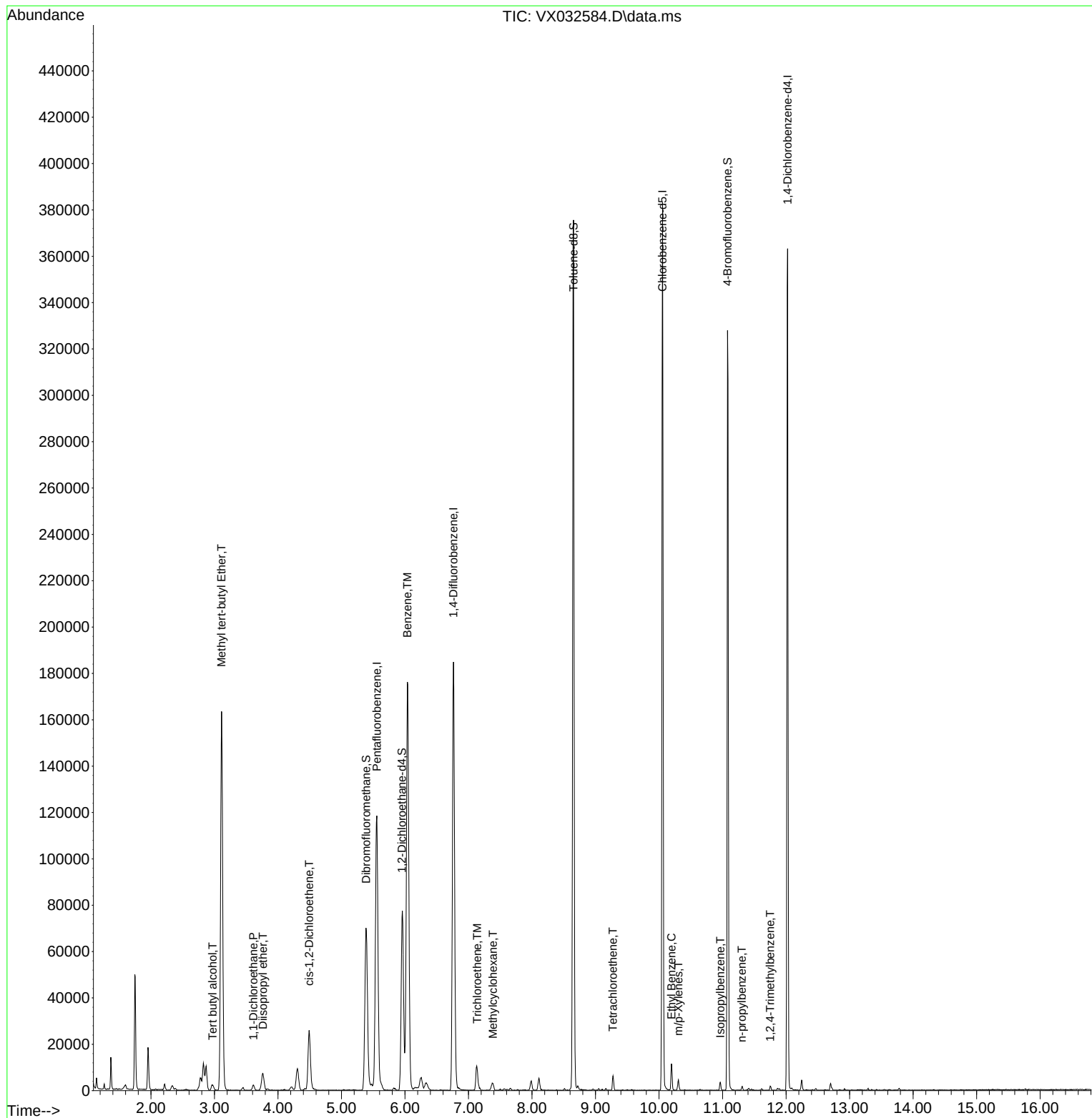
Internal Standards						
1) Pentafluorobenzene	5.556	168	111523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76510	49.374	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.740%
35) Dibromofluoromethane	5.385	113	59789	45.252	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.500%
50) Toluene-d8	8.653	98	221717	48.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	82161	45.781	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	3113	13.802	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	167841	42.698	ug/l	95
22) Diisopropyl ether	3.764	45	7624	1.977	ug/l #	81
24) 1,1-Dichloroethane	3.611	63	2872	1.295	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	16018	11.383	ug/l	91
39) Methylcyclohexane	7.385	83	1499	0.689	ug/l #	82
40) Benzene	6.037	78	209366	40.211	ug/l	98
44) Trichloroethene	7.135	130	4242	2.894	ug/l	88
64) Tetrachloroethene	9.275	164	1140	0.956	ug/l	93
67) Ethyl Benzene	10.195	91	6972	1.068	ug/l	96
68) m/p-Xylenes	10.305	106	1161	0.458	ug/l	97
73) Isopropylbenzene	10.963	105	2305	0.394	ug/l	98
78) n-propylbenzene	11.305	91	1427	0.212	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	1052	0.211	ug/l	89

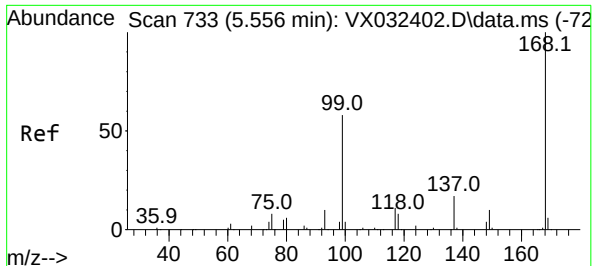
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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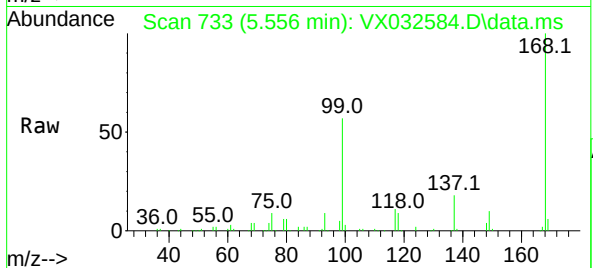
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
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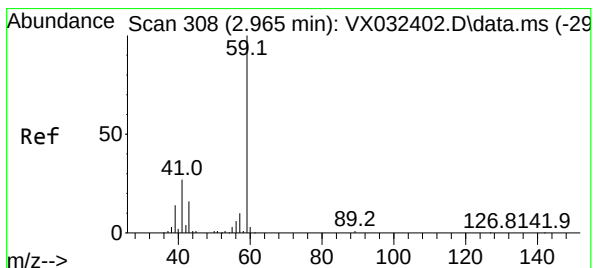
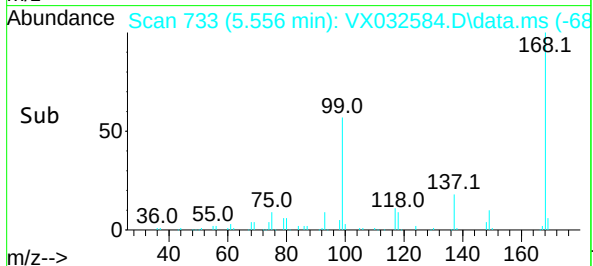
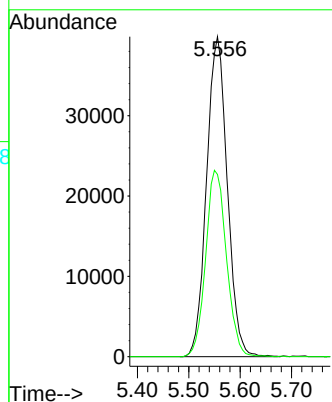


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-3R

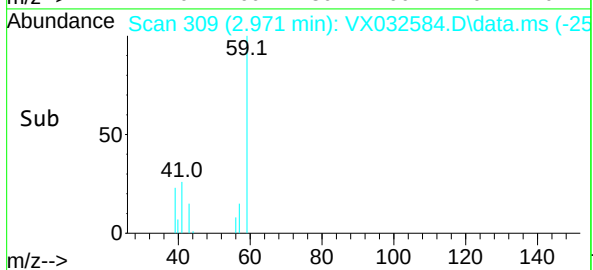
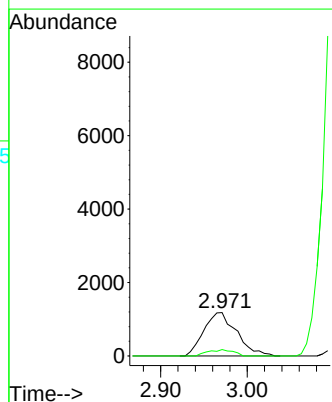
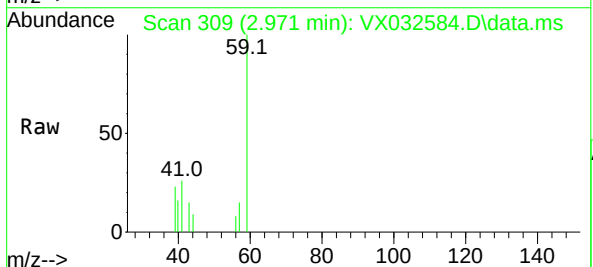


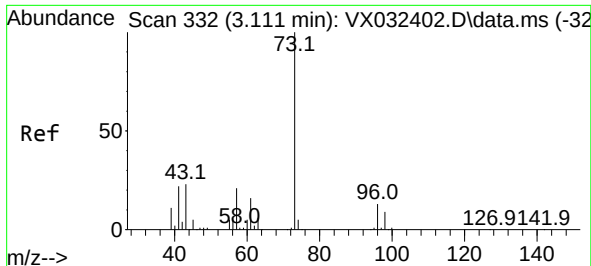
Tgt Ion:168 Resp: 111523
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 13.802 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Tgt Ion: 59 Resp: 3113
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

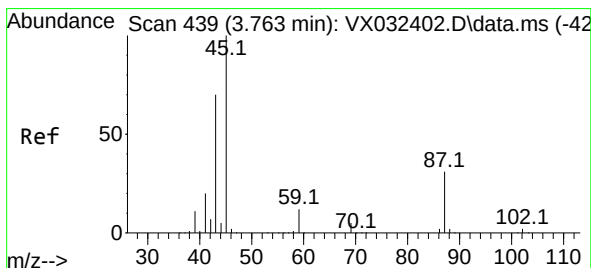
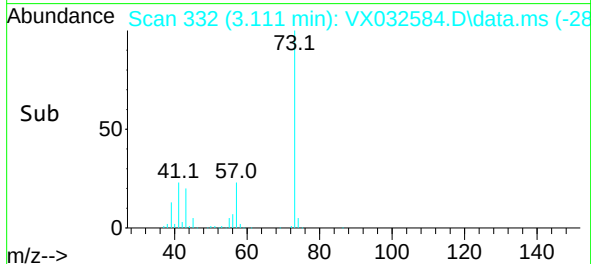
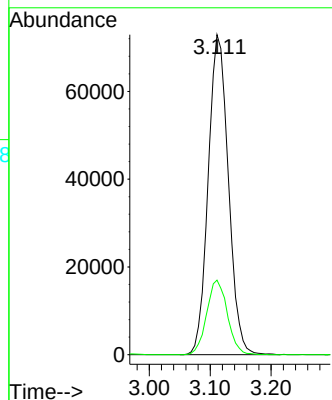
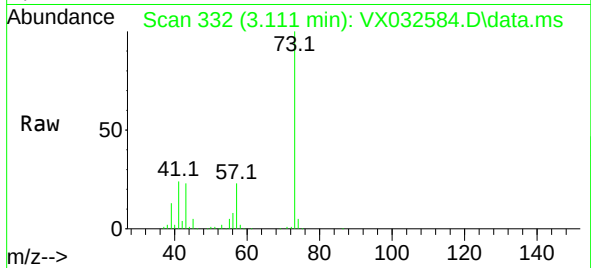




#19
Methyl tert-butyl Ether
Concen: 42.698 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

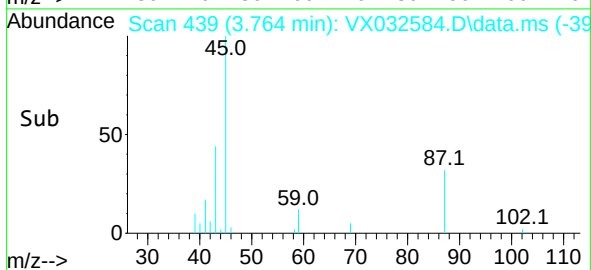
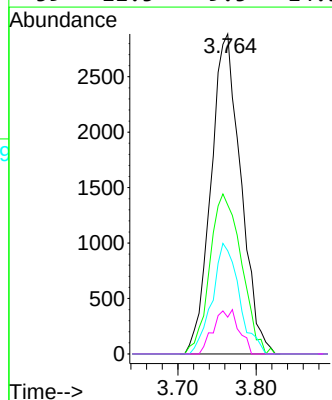
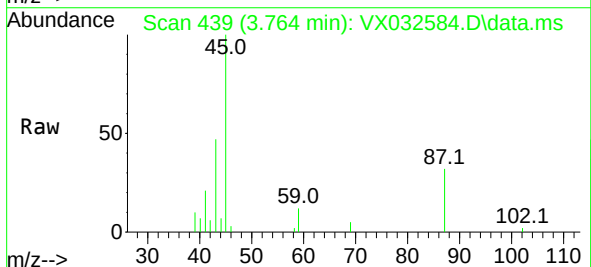
Instrument :
MSVOA_X
ClientSampleId :
MW-3R

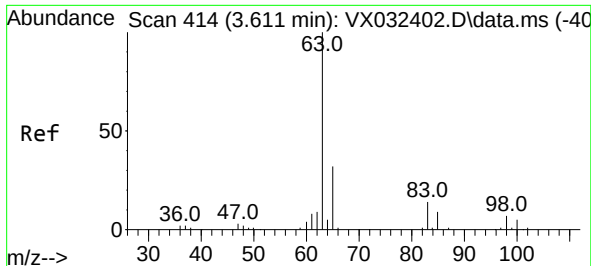
Tgt Ion: 73 Resp: 167841
Ion Ratio Lower Upper
73 100
57 23.3 16.6 25.0



#22
Diisopropyl ether
Concen: 1.977 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Tgt Ion: 45 Resp: 7624
Ion Ratio Lower Upper
45 100
43 46.5 56.4 84.6#
87 32.2 24.4 36.6
59 11.5 9.5 14.3

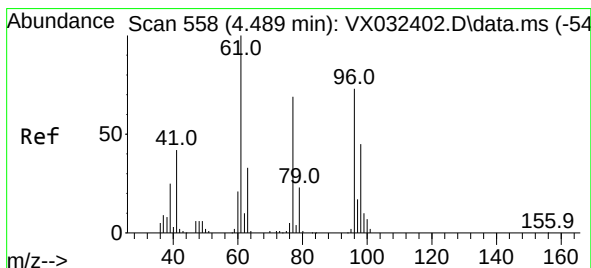
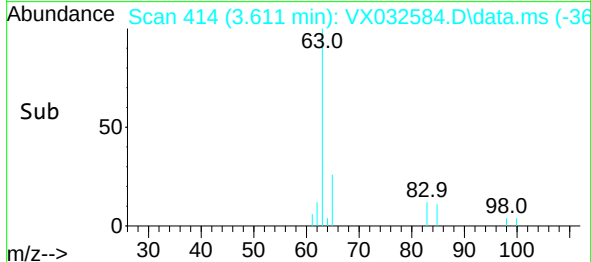
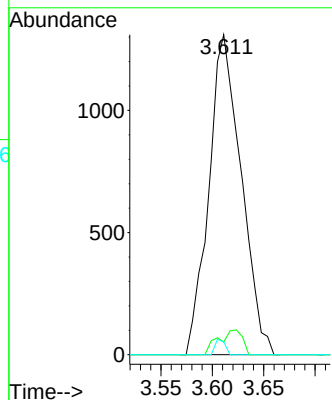
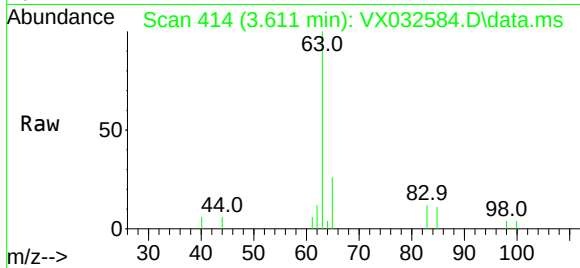




#24
 1,1-Dichloroethane
 Concen: 1.295 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032584.D
 Acq: 04 Nov 2022 18:11

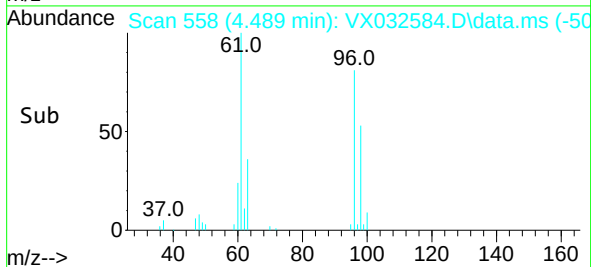
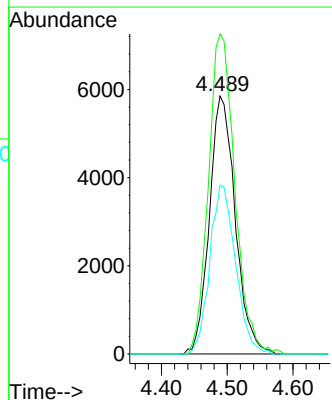
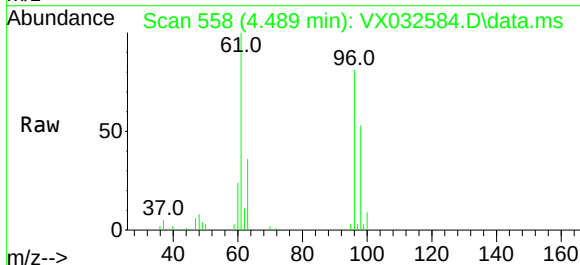
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3R

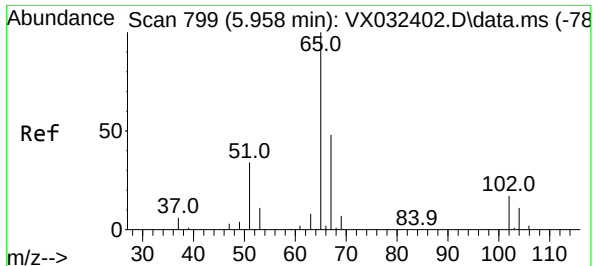
Tgt Ion: 63 Resp: 2872
 Ion Ratio Lower Upper
 63 100
 98 4.0 3.5 10.4
 100 4.0 2.3 6.8



#27
 cis-1,2-Dichloroethene
 Concen: 11.383 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX032584.D
 Acq: 04 Nov 2022 18:11

Tgt Ion: 96 Resp: 16018
 Ion Ratio Lower Upper
 96 100
 61 126.7 0.0 286.0
 98 65.3 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 49.374 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032584.D

Acq: 04 Nov 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

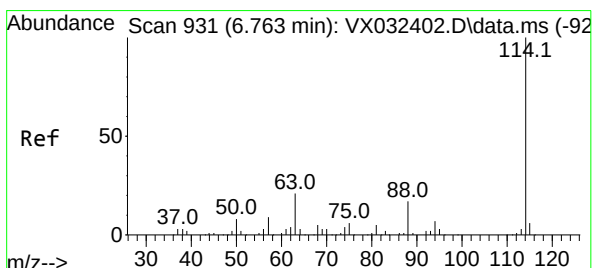
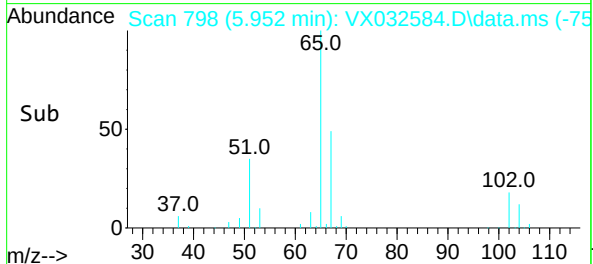
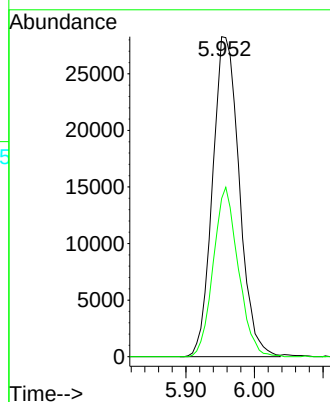
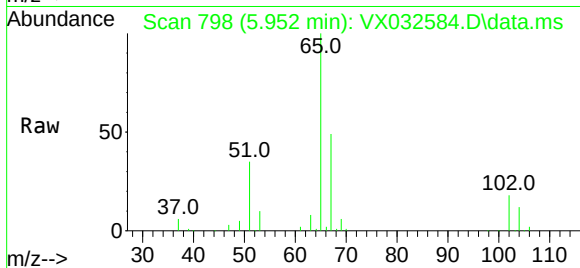
MW-3R

Tgt Ion: 65 Resp: 76510

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032584.D

Acq: 04 Nov 2022 18:11

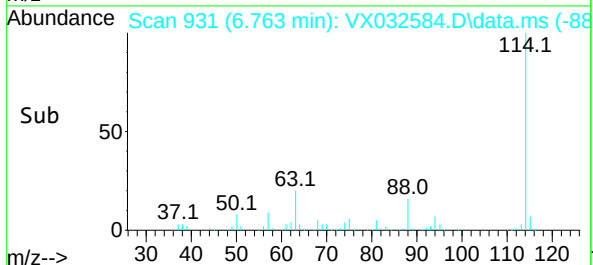
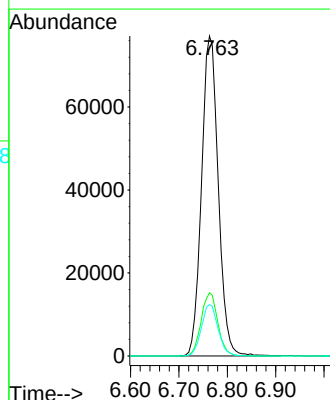
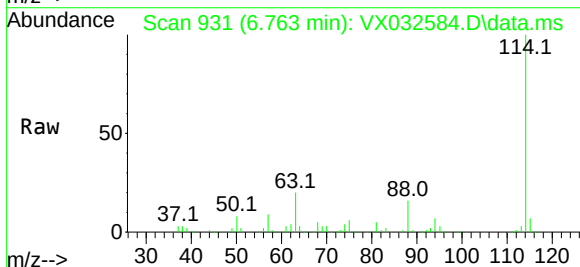
Tgt Ion: 114 Resp: 185229

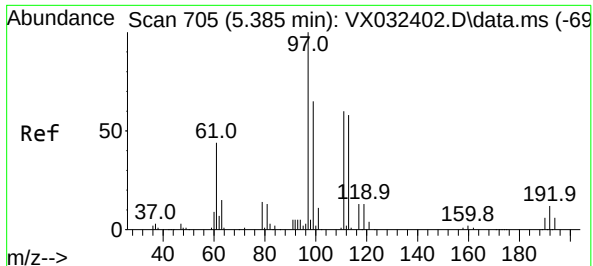
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 16.0 0.0 33.4

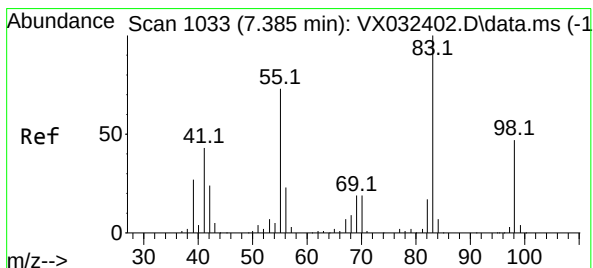
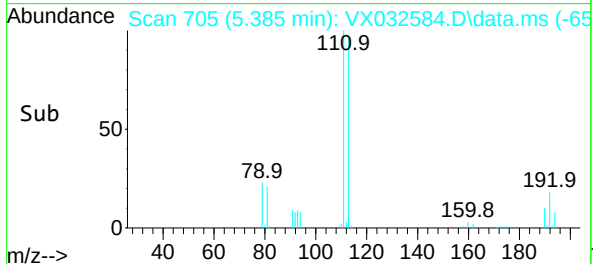
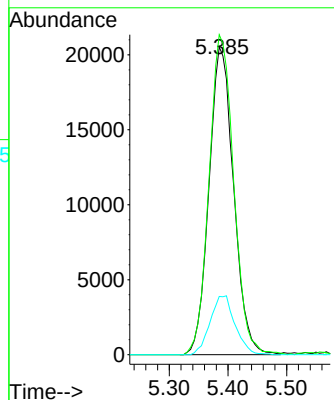
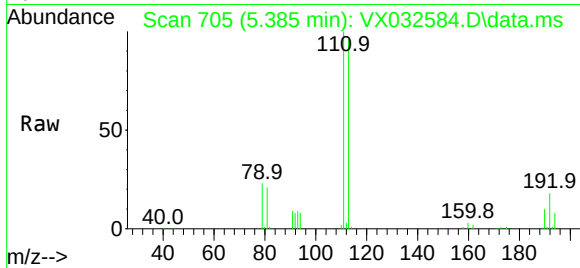




#35
Dibromofluoromethane
Concen: 45.252 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

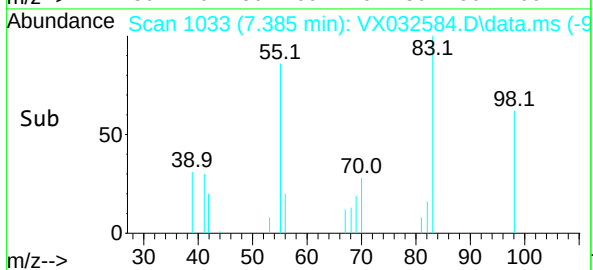
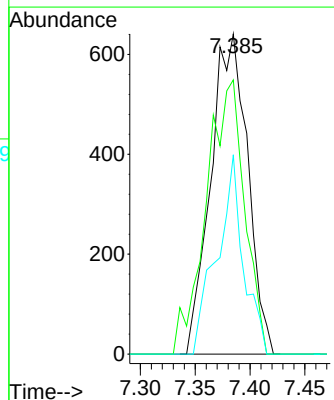
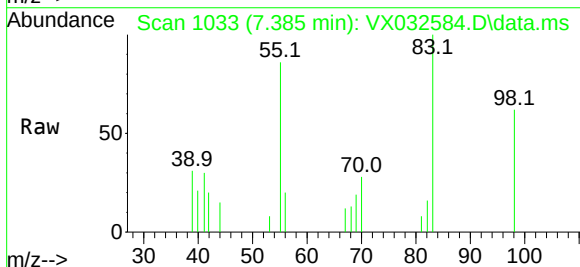
Instrument :
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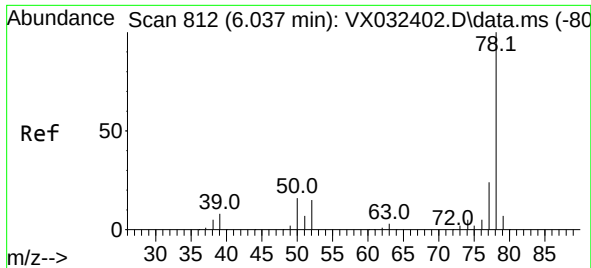
Tgt Ion:113 Resp: 59789
Ion Ratio Lower Upper
113 100
111 104.2 82.4 123.6
192 19.4 15.4 23.2



#39
Methylcyclohexane
Concen: 0.689 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Tgt Ion: 83 Resp: 1499
Ion Ratio Lower Upper
83 100
55 85.6 58.4 87.6
98 62.2 37.2 55.8#

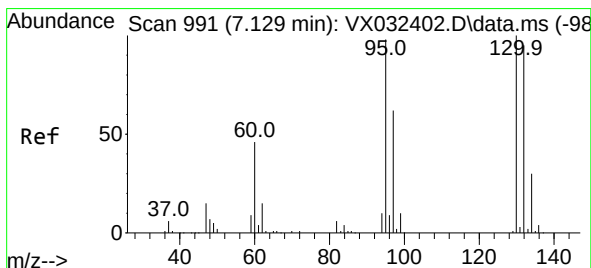
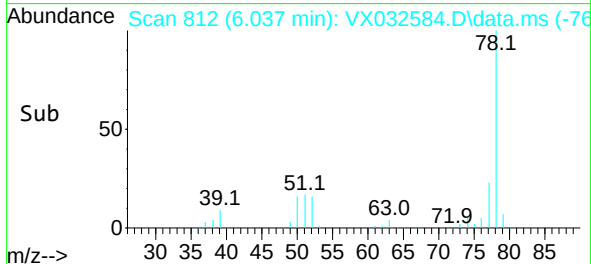
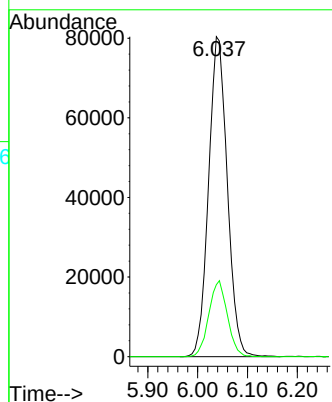
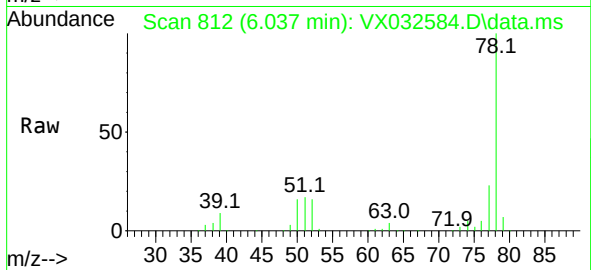




#40
Benzene
Concen: 40.211 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

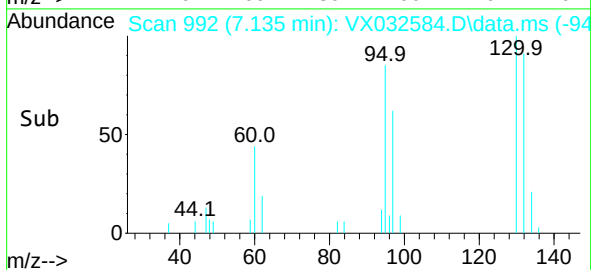
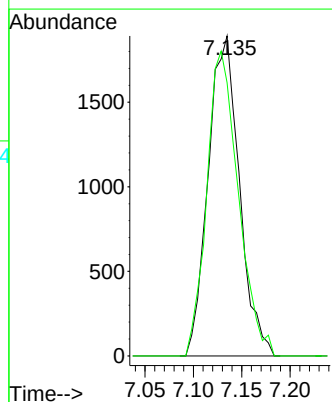
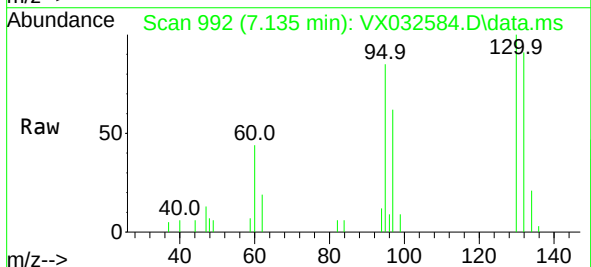
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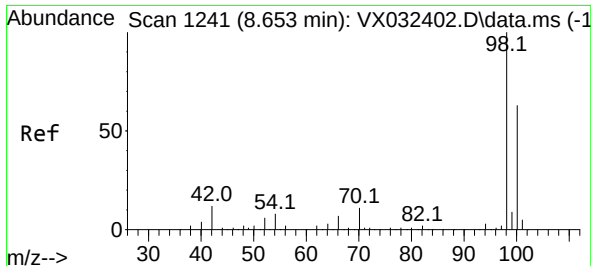
Tgt Ion: 78 Resp: 209366
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4



#44
Trichloroethene
Concen: 2.894 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Tgt Ion:130 Resp: 4242
Ion Ratio Lower Upper
130 100
95 85.4 0.0 195.2

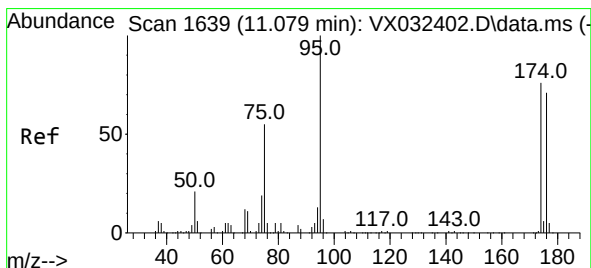
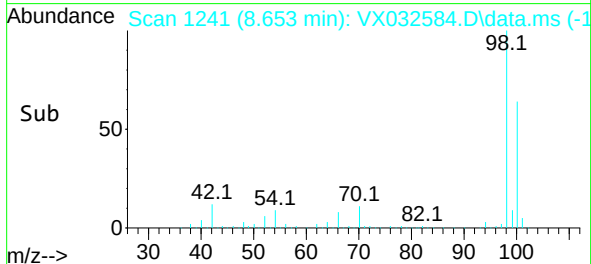
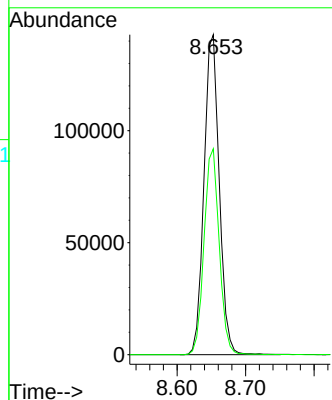
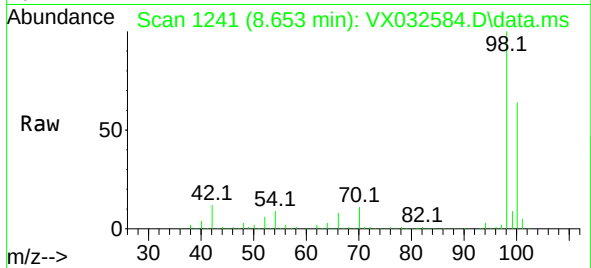




#50
Toluene-d8
Concen: 48.259 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

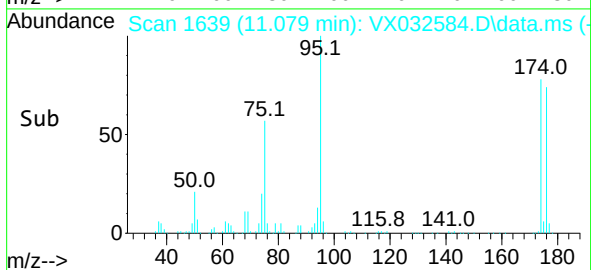
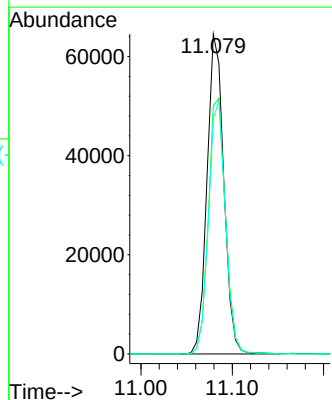
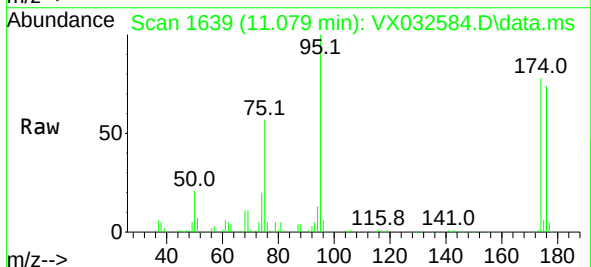
Instrument :
MSVOA_X
ClientSampleId :
MW-3R

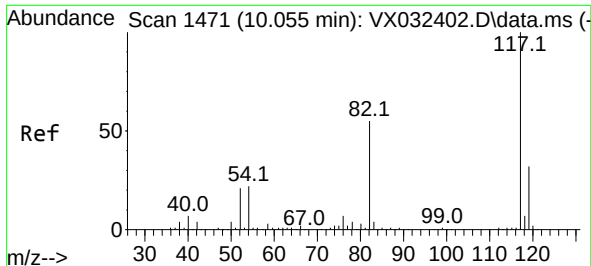
Tgt Ion: 98 Resp: 221717
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.781 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Tgt Ion: 95 Resp: 82161
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.9 0.0 154.4

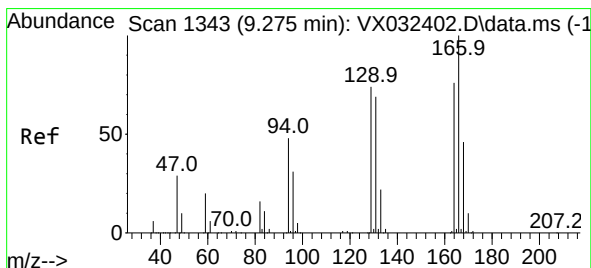
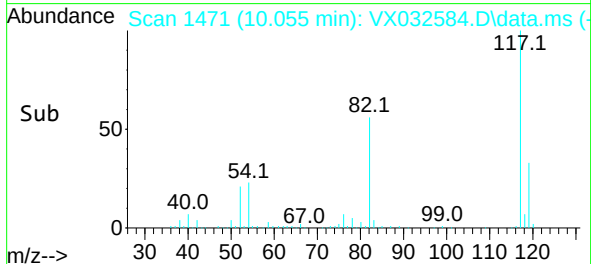
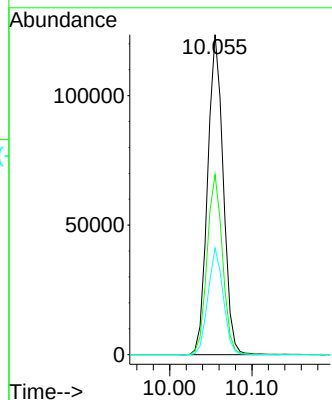
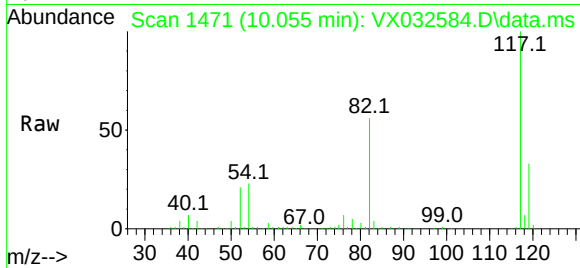




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

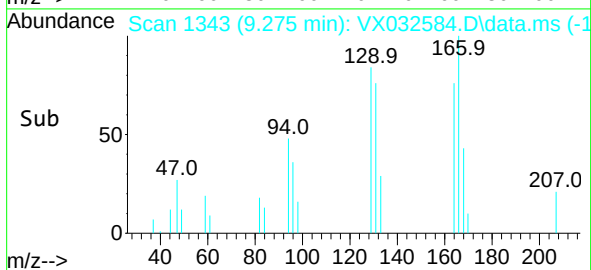
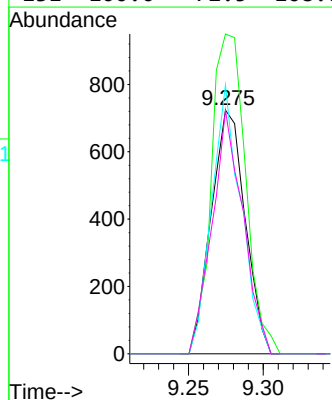
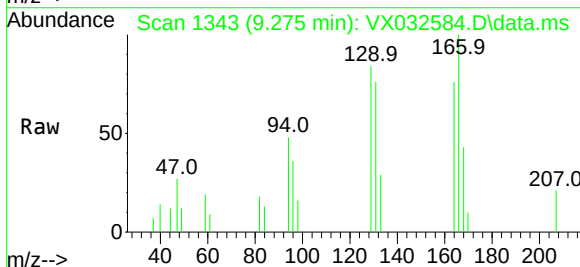
Instrument :
MSVOA_X
ClientSampleId :
MW-3R

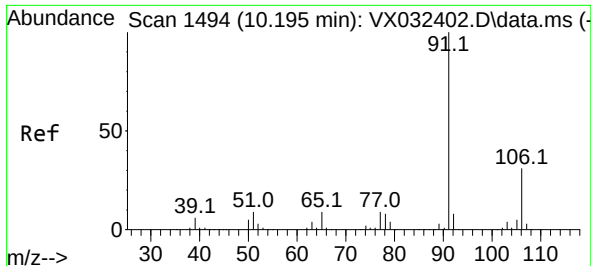
Tgt Ion:117 Resp: 162953
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 33.3 25.7 38.5



#64
Tetrachloroethene
Concen: 0.956 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Tgt Ion:164 Resp: 1140
Ion Ratio Lower Upper
164 100
166 131.2 105.4 158.2
129 110.4 78.2 117.2
131 100.0 72.5 108.7





#67

Ethyl Benzene

Concen: 1.068 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032584.D

Acq: 04 Nov 2022 18:11

Instrument :

MSVOA_X

ClientSampleId :

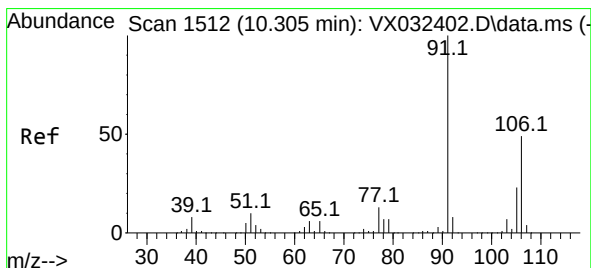
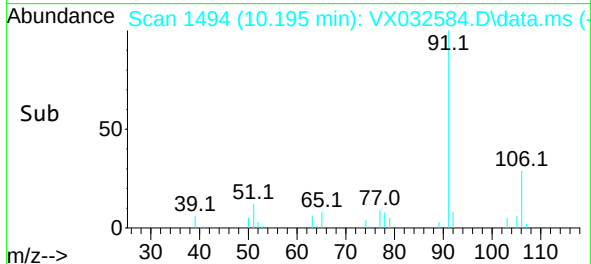
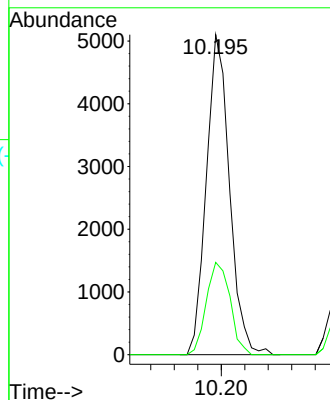
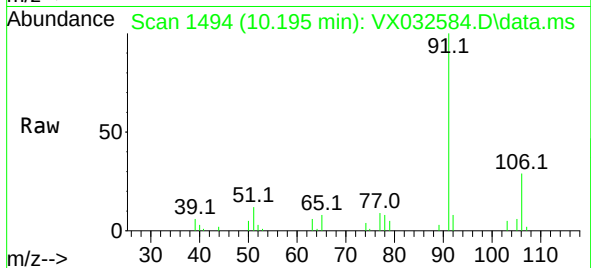
MW-3R

Tgt Ion: 91 Resp: 6972

Ion Ratio Lower Upper

91 100

106 28.8 25.0 37.6



#68

m/p-Xylenes

Concen: 0.458 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX032584.D

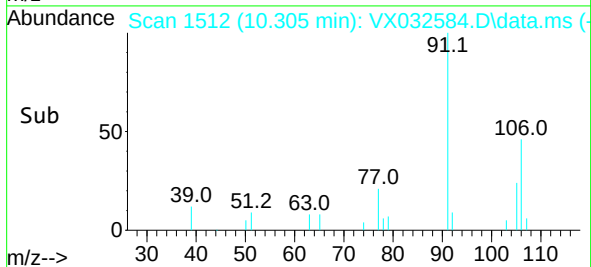
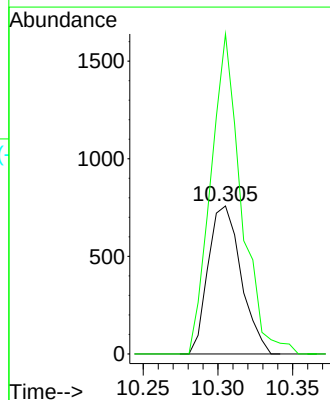
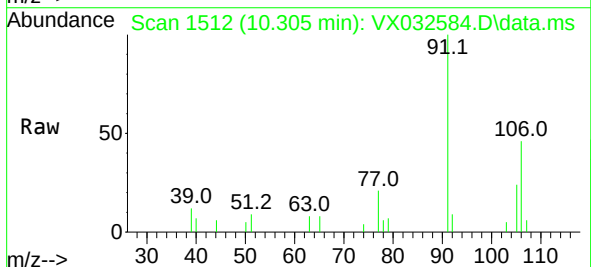
Acq: 04 Nov 2022 18:11

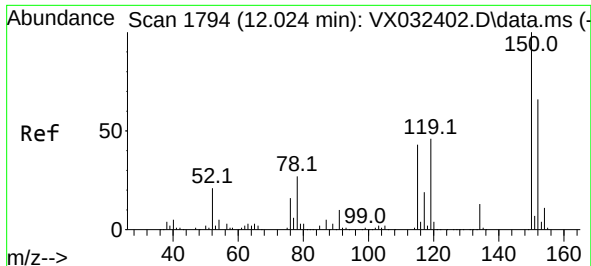
Tgt Ion:106 Resp: 1161

Ion Ratio Lower Upper

106 100

91 200.3 164.5 246.7

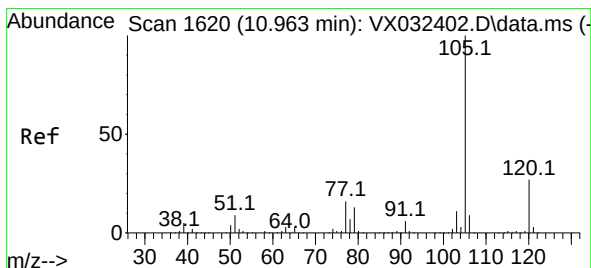
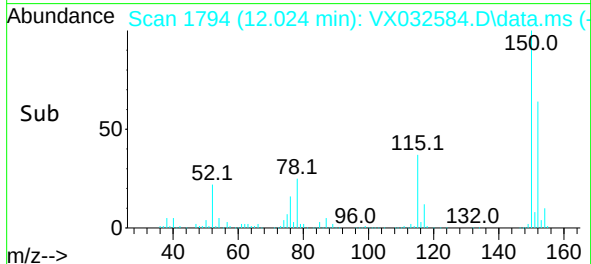
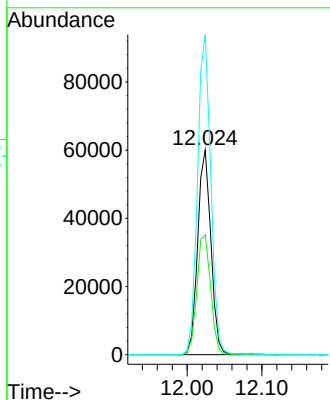
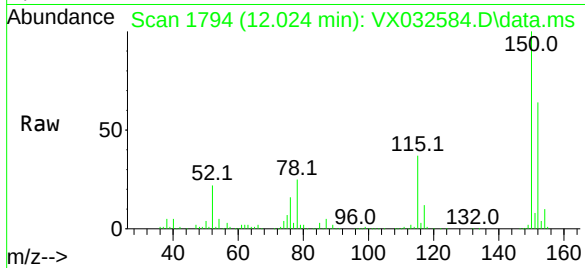




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX032584.D
 Acq: 04 Nov 2022 18:11

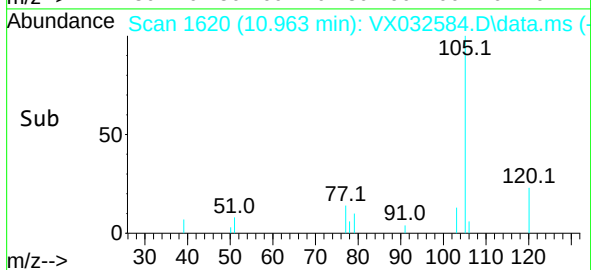
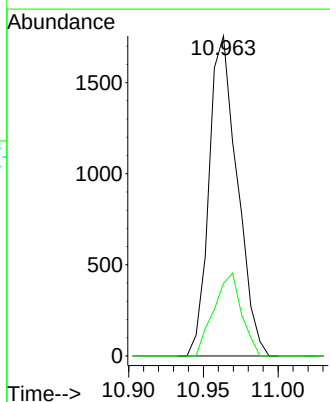
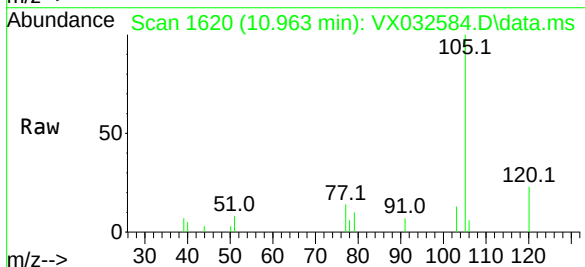
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3R

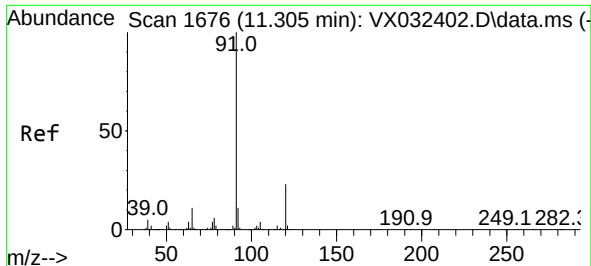
Tgt Ion:152 Resp: 73847
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.0 132.0
 150 156.9 0.0 351.8



#73
 Isopropylbenzene
 Concen: 0.394 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX032584.D
 Acq: 04 Nov 2022 18:11

Tgt Ion:105 Resp: 2305
 Ion Ratio Lower Upper
 105 100
 120 25.1 13.1 39.3

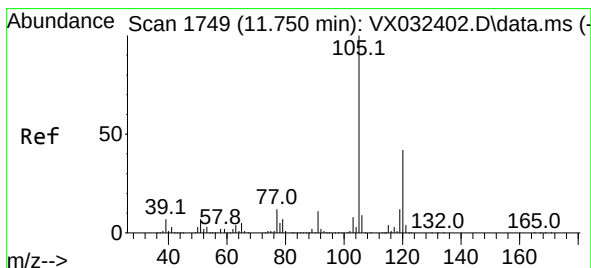
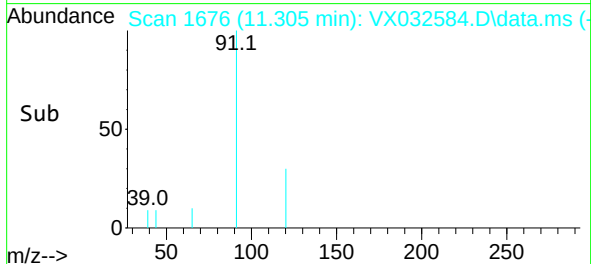
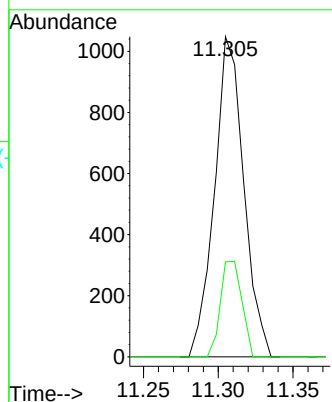
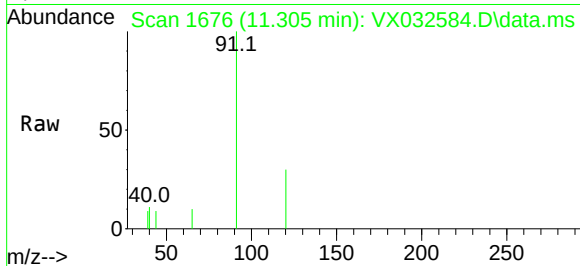




#78
n-propylbenzene
Concen: 0.212 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-3R

Tgt Ion: 91 Resp: 1427
Ion Ratio Lower Upper
91 100
120 21.7 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 0.211 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032584.D
Acq: 04 Nov 2022 18:11

Tgt Ion: 105 Resp: 1052
Ion Ratio Lower Upper
105 100
120 50.9 21.9 65.5

