

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036442.D
 Acq On : 06 Jul 2023 18:16
 Operator : JC/MD
 Sample : 03500-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jul 07 01:51:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

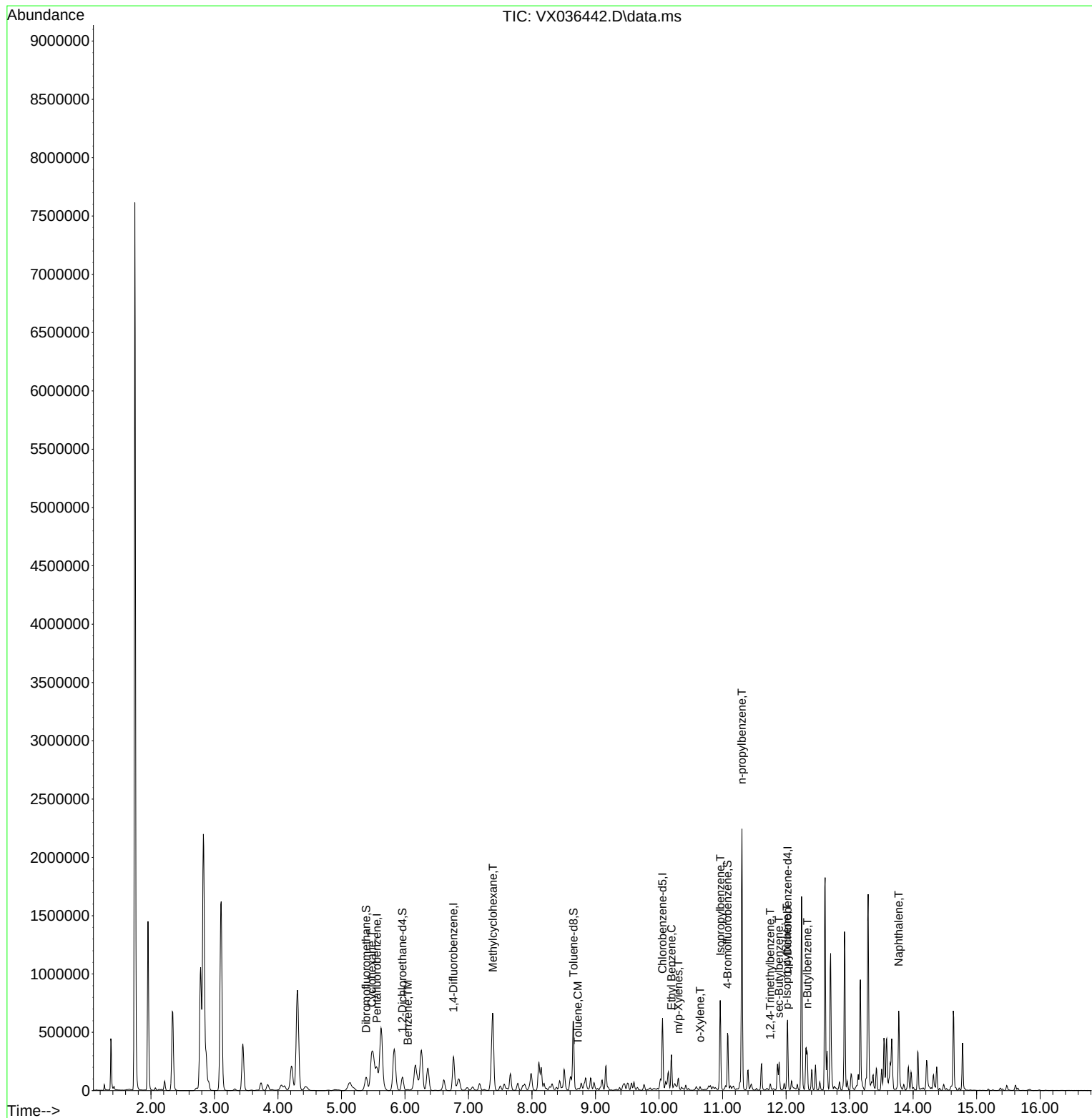
Internal Standards						
1) Pentafluorobenzene	5.556	168	169060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	289596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109425	45.154	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.300%
35) Dibromofluoromethane	5.385	113	88736	46.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.940%
50) Toluene-d8	8.653	98	352731	49.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.920%
62) 4-Bromofluorobenzene	11.079	95	133149	53.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.000%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.476	56	237341	76.426	ug/l	98
39) Methylcyclohexane	7.385	83	290918	85.332	ug/l	96
40) Benzene	6.043	78	10567	1.329	ug/l	96
52) Toluene	8.720	92	4987	0.990	ug/l	87
67) Ethyl Benzene	10.195	91	166488	16.729	ug/l	98
68) m/p-Xylenes	10.305	106	20120	5.204	ug/l	95
69) o-Xylene	10.646	106	1739	0.466	ug/l	87
73) Isopropylbenzene	10.963	105	374422	41.214	ug/l	97
78) n-propylbenzene	11.305	91	1278778	120.527	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	22959	3.016	ug/l	93
85) sec-Butylbenzene	11.890	105	114112	12.216	ug/l	97
86) p-Isopropyltoluene	12.012	119	19026	2.427	ug/l	98
89) n-Butylbenzene	12.335	91	161969	23.216	ug/l #	75
95) Naphthalene	13.774	128	414828	50.409	ug/l	98

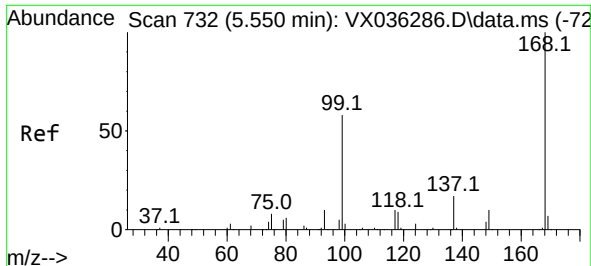
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 01:51:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
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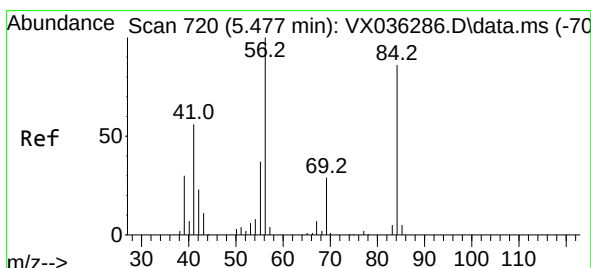
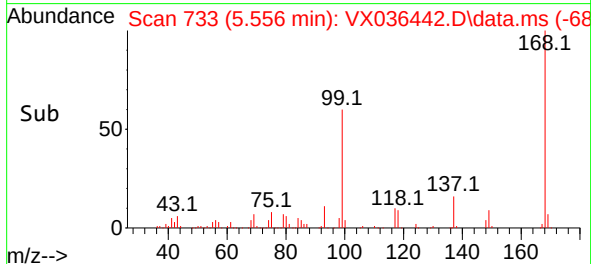
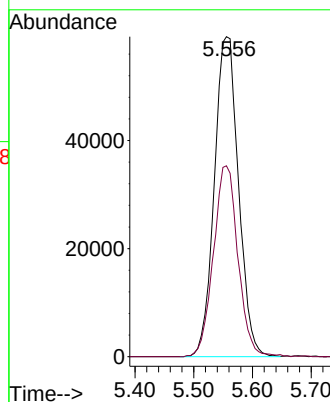
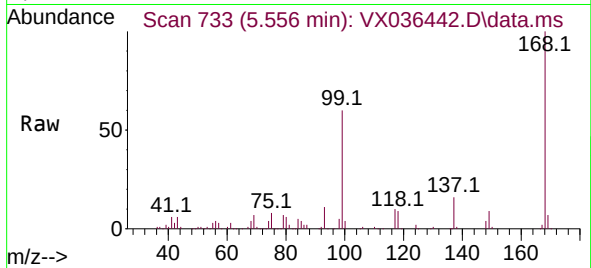




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

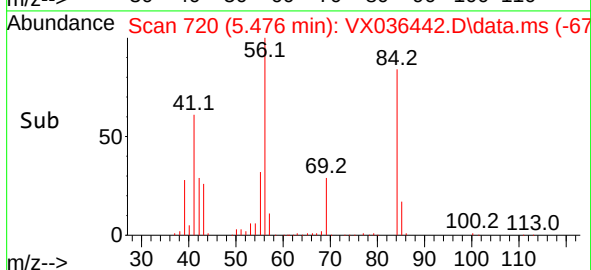
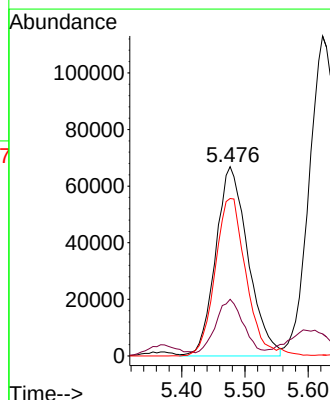
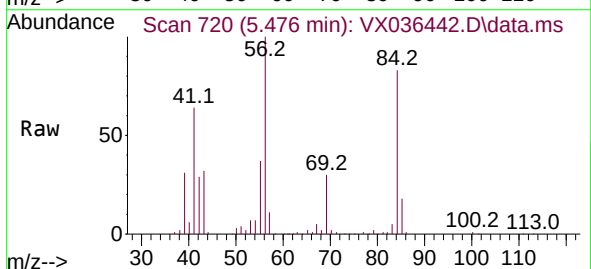
Instrument :
MSVOA_X
ClientSampleId :
MW-1

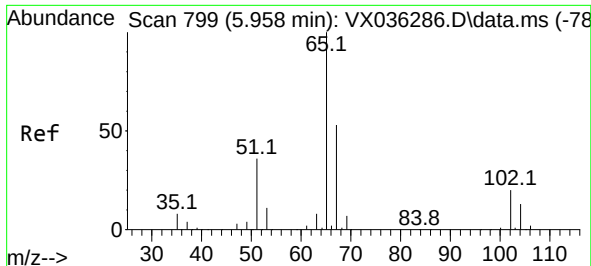
Tgt Ion:168 Resp: 169060
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#31
Cyclohexane
Concen: 76.426 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 56 Resp: 237341
Ion Ratio Lower Upper
56 100
69 26.7 23.4 35.2
84 83.8 65.9 98.9

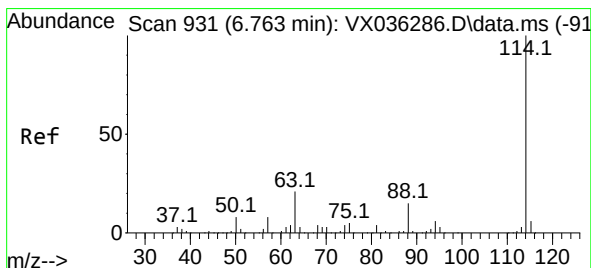
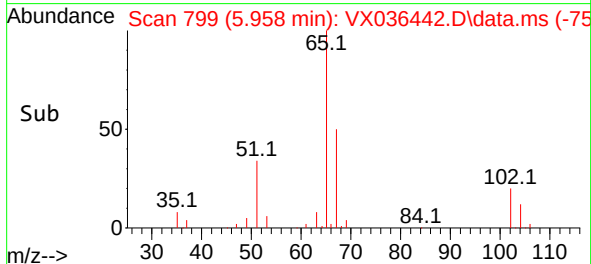
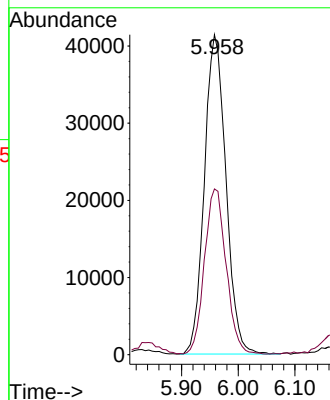
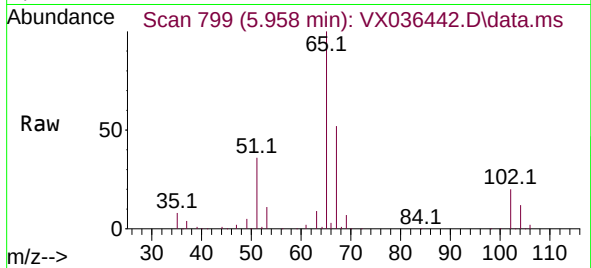




#33
 1,2-Dichloroethane-d4
 Concen: 45.154 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036442.D
 Acq: 06 Jul 2023 18:16

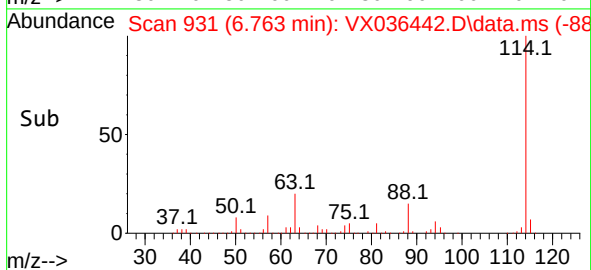
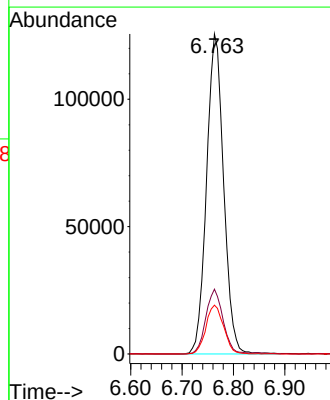
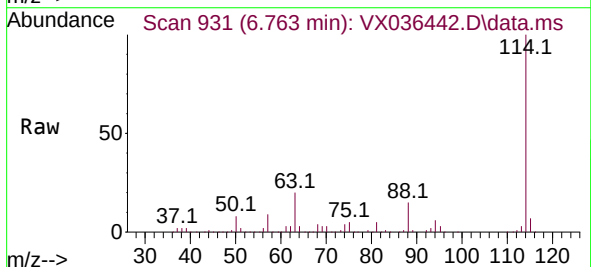
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

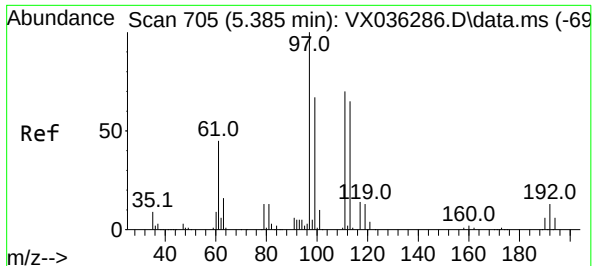
Tgt Ion: 65 Resp: 109425
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036442.D
 Acq: 06 Jul 2023 18:16

Tgt Ion: 114 Resp: 289596
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 15.3 0.0 36.6

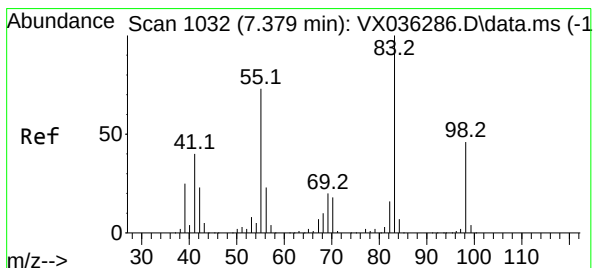
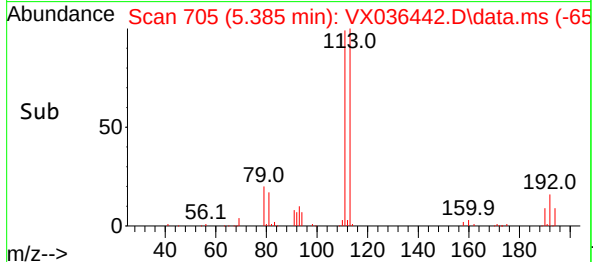
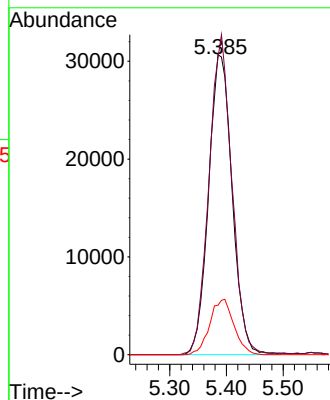
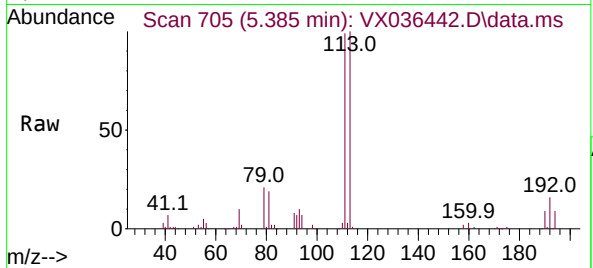




#35
Dibromofluoromethane
Concen: 46.470 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

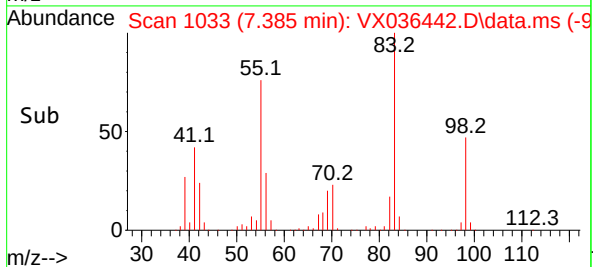
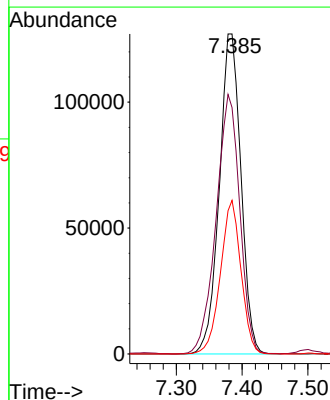
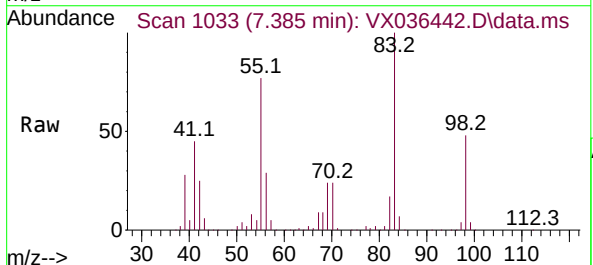
Instrument :
MSVOA_X
ClientSampleId :
MW-1

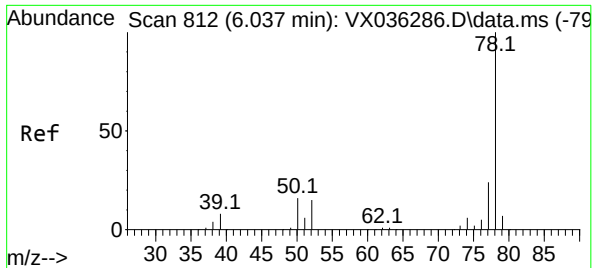
Tgt Ion:113 Resp: 88736
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.9 13.3 19.9



#39
Methylcyclohexane
Concen: 85.332 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 83 Resp: 290918
Ion Ratio Lower Upper
83 100
55 76.9 64.6 97.0
98 48.0 36.7 55.1

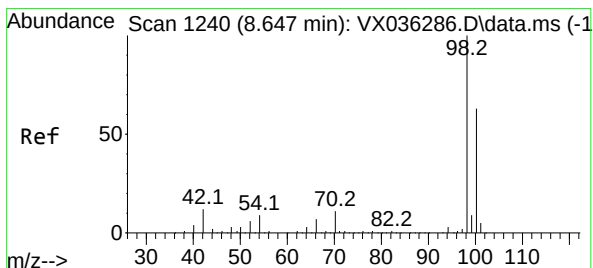
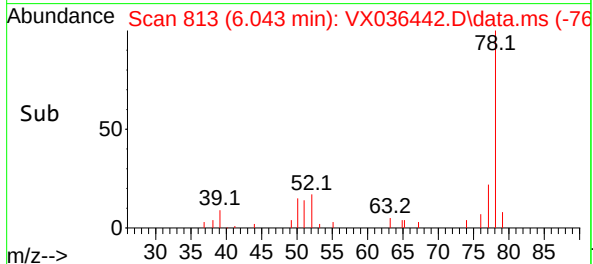
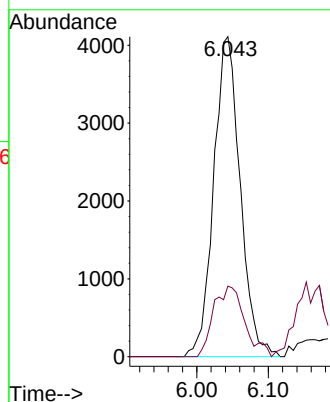
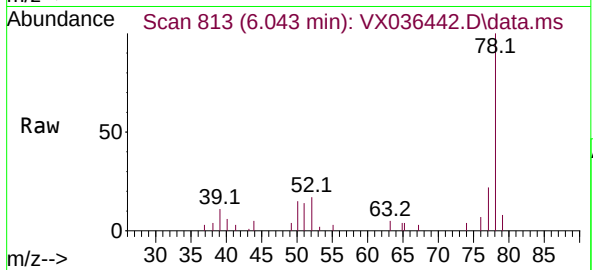




#40
Benzene
Concen: 1.329 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

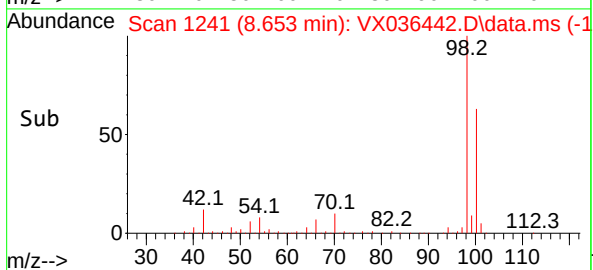
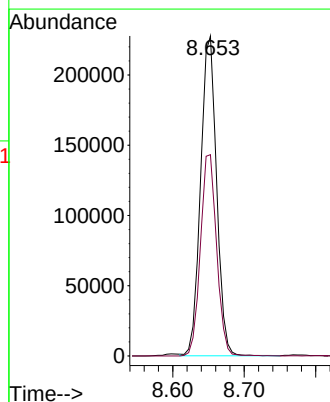
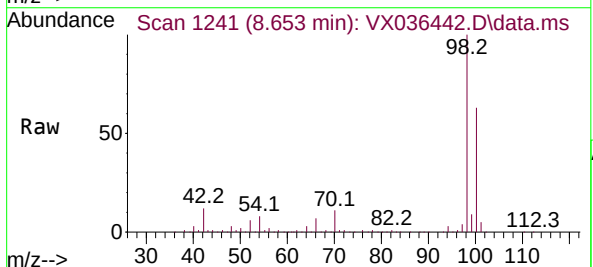
Instrument :
MSVOA_X
ClientSampleId :
MW-1

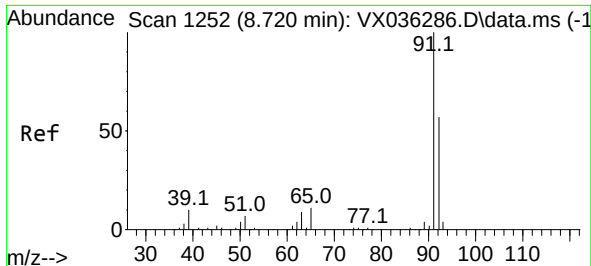
Tgt Ion: 78 Resp: 10567
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9



#50
Toluene-d8
Concen: 49.457 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 98 Resp: 352731
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

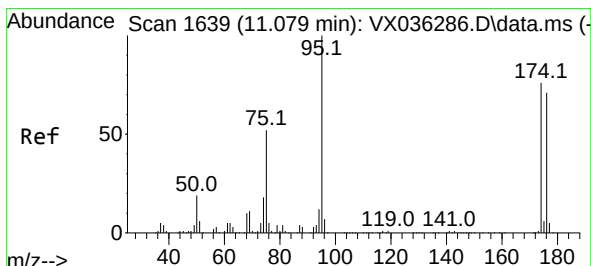
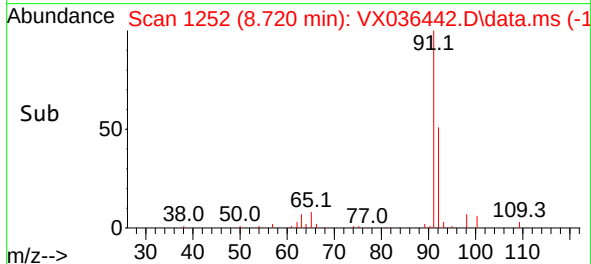
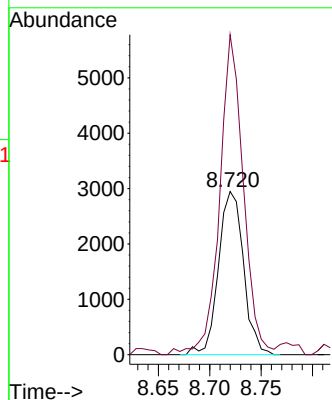
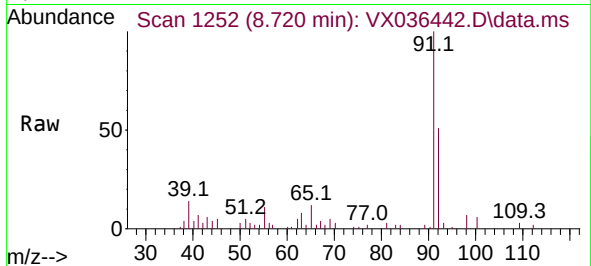




#52
Toluene
Concen: 0.990 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

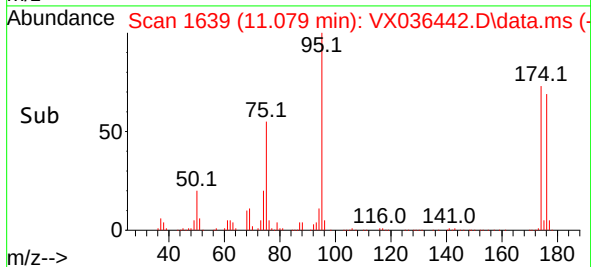
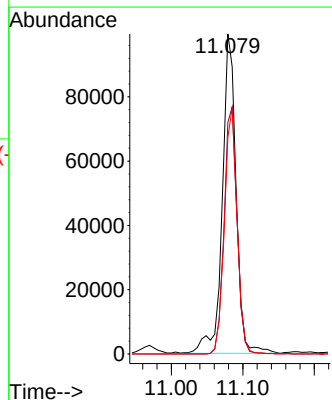
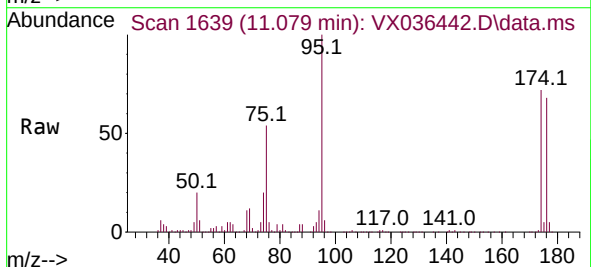
Instrument :
MSVOA_X
ClientSampleId :
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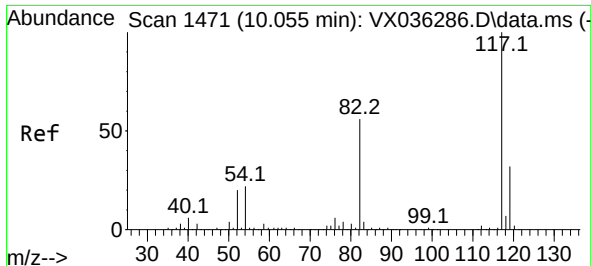
Tgt Ion: 92 Resp: 4987
Ion Ratio Lower Upper
92 100
91 185.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 53.002 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 95 Resp: 133149
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 70.7 0.0 131.0

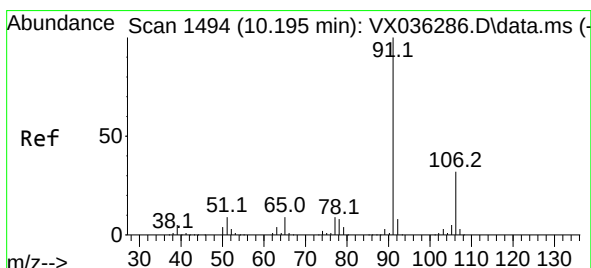
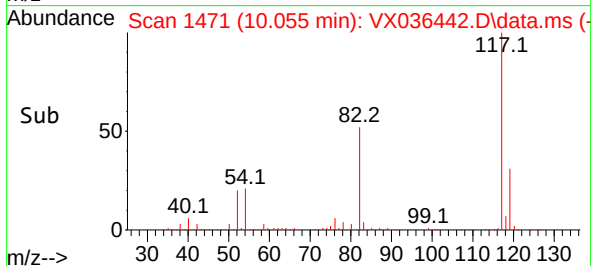
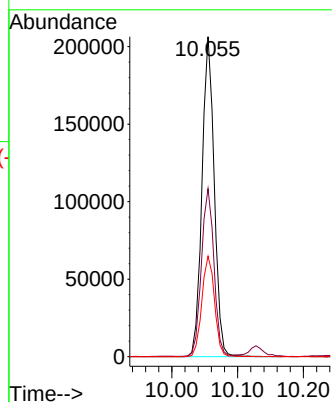
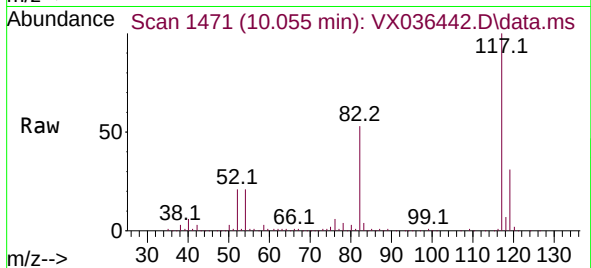




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

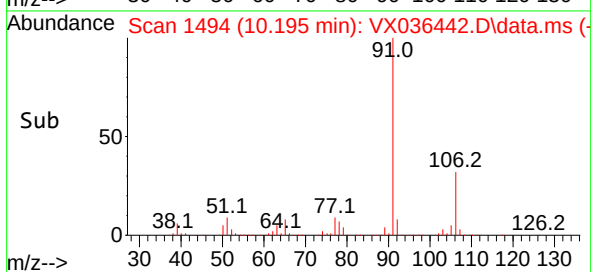
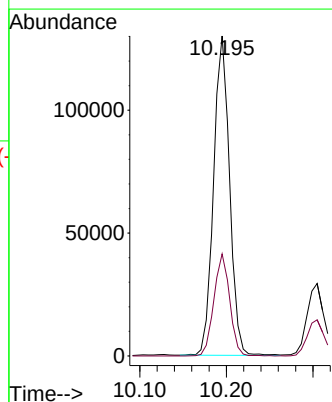
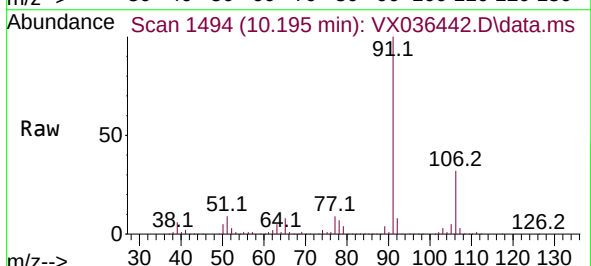
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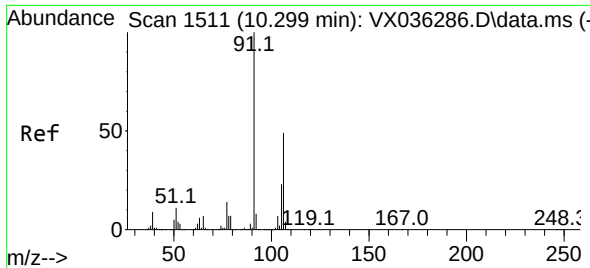
Tgt Ion:117 Resp: 266293
Ion Ratio Lower Upper
117 100
82 52.4 46.2 69.4
119 31.4 25.5 38.3



#67
Ethyl Benzene
Concen: 16.729 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion: 91 Resp: 166488
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

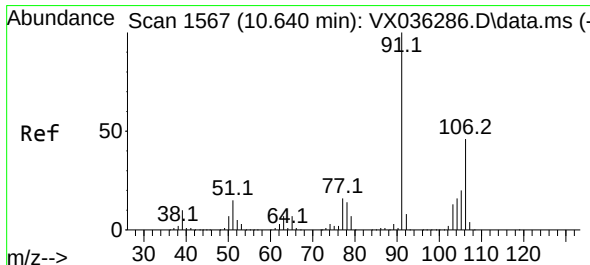
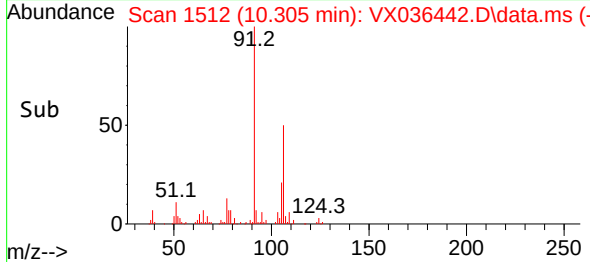
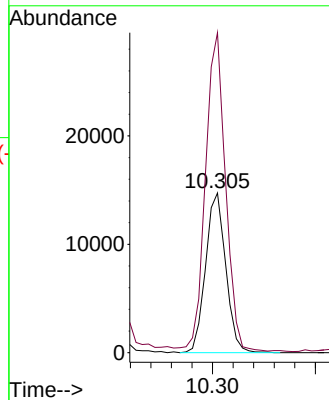
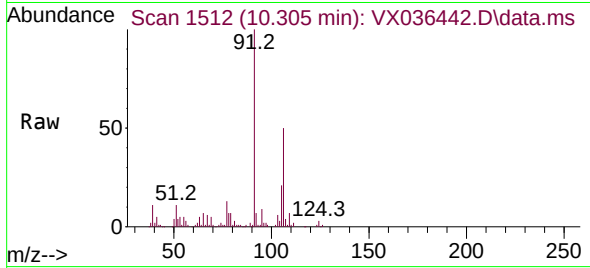




#68
m/p-Xylenes
Concen: 5.204 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

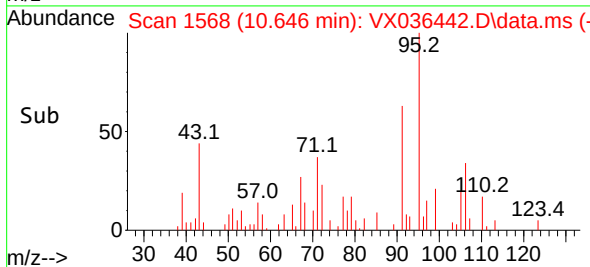
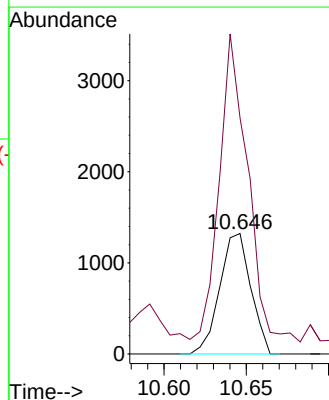
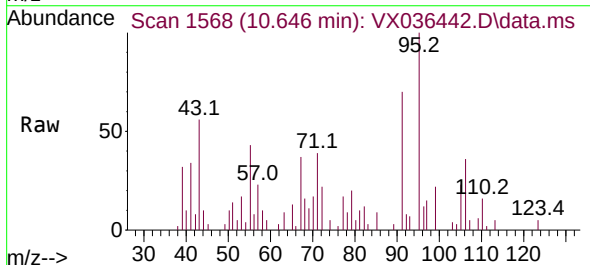
Instrument :
MSVOA_X
ClientSampleId :
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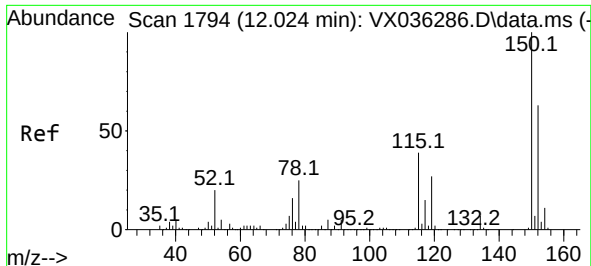
Tgt Ion:106 Resp: 20120
Ion Ratio Lower Upper
106 100
91 199.8 165.5 248.3



#69
o-Xylene
Concen: 0.466 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion:106 Resp: 1739
Ion Ratio Lower Upper
106 100
91 239.2 108.9 326.8

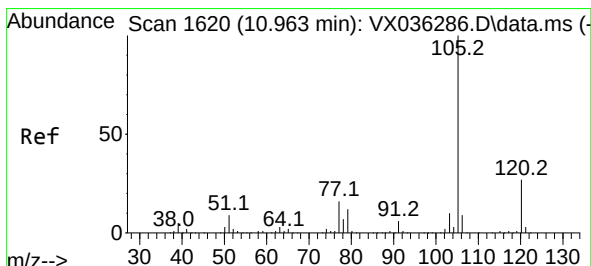
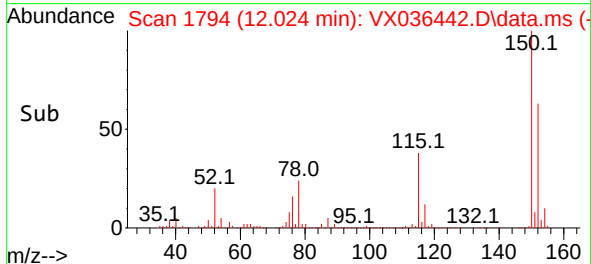
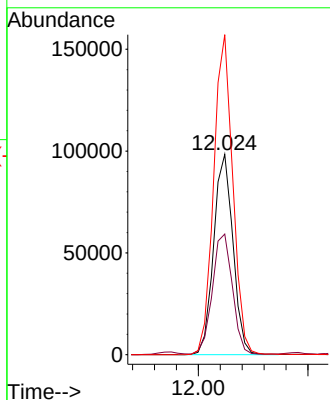
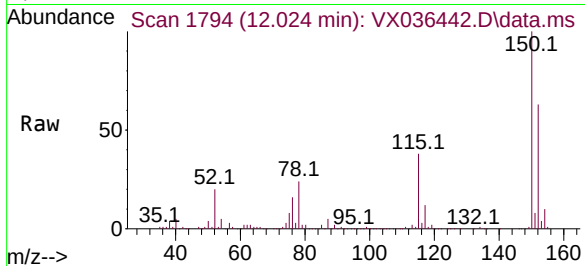




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

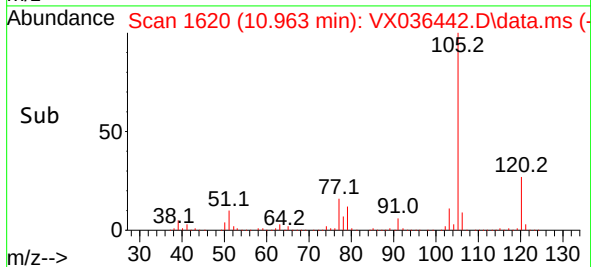
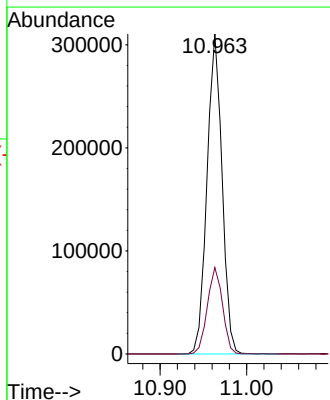
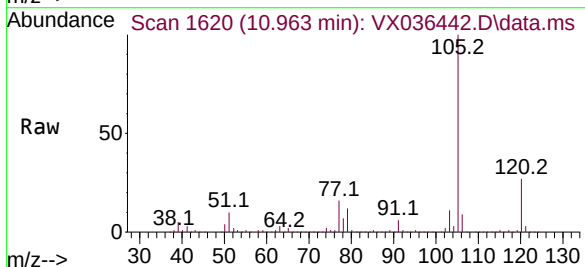
Instrument :
MSVOA_X
ClientSampleId :
MW-1

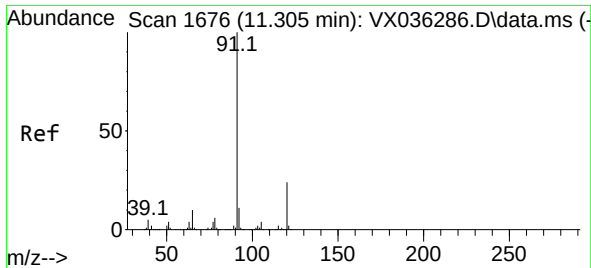
Tgt Ion:152 Resp: 120551
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 158.4 0.0 345.0



#73
Isopropylbenzene
Concen: 41.214 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion:105 Resp: 374422
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6

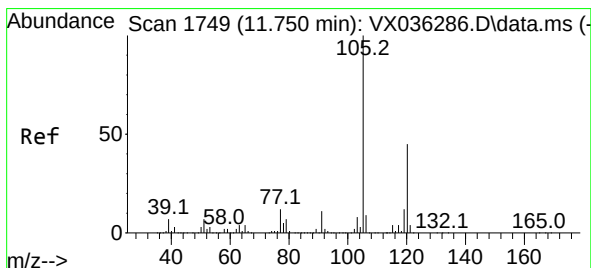
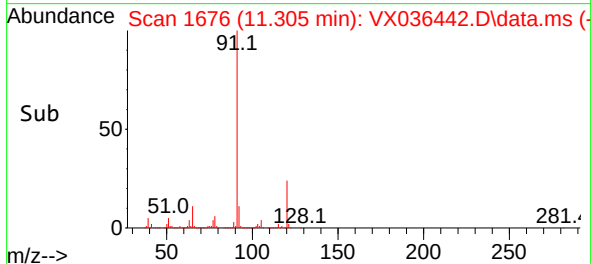
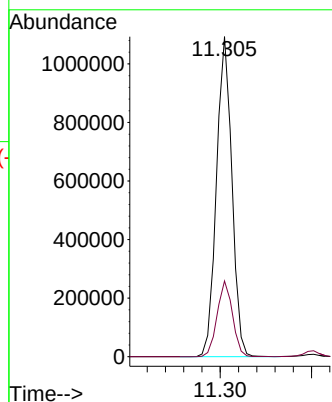
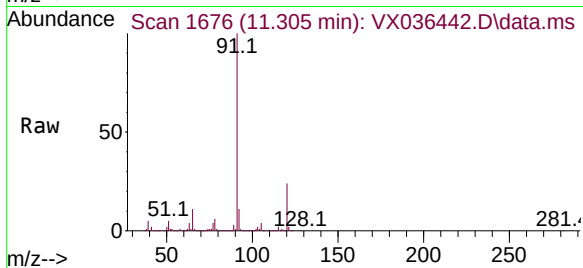




#78
n-propylbenzene
Concen: 120.527 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

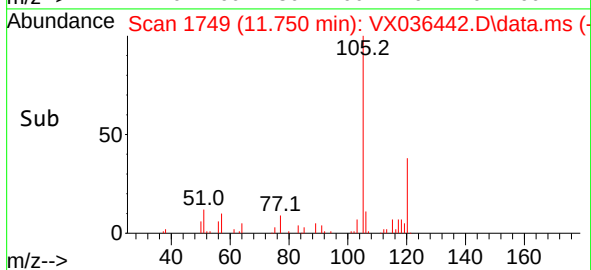
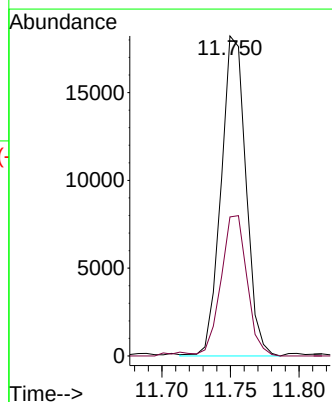
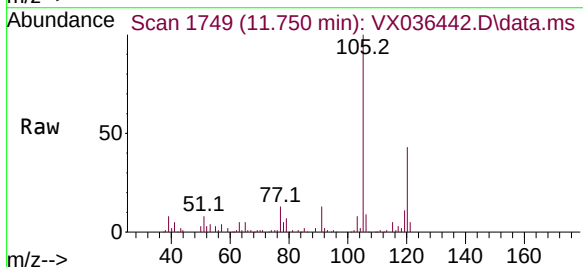
Instrument :
MSVOA_X
ClientSampleId :
MW-1

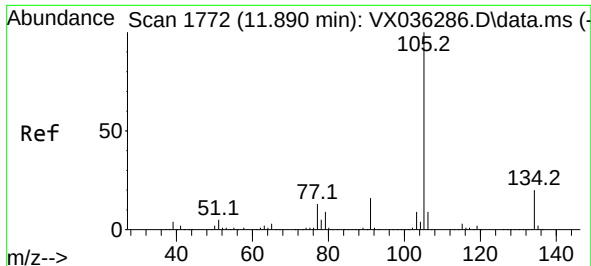
Tgt Ion: 91 Resp: 1278778
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 3.016 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036442.D
Acq: 06 Jul 2023 18:16

Tgt Ion:105 Resp: 22959
Ion Ratio Lower Upper
105 100
120 47.0 21.2 63.6

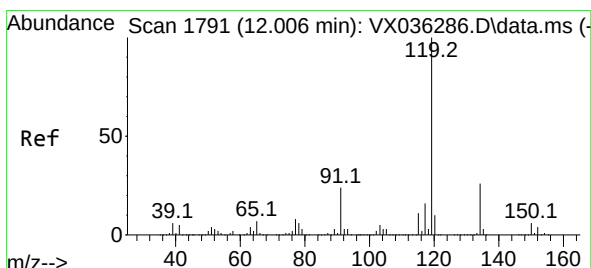
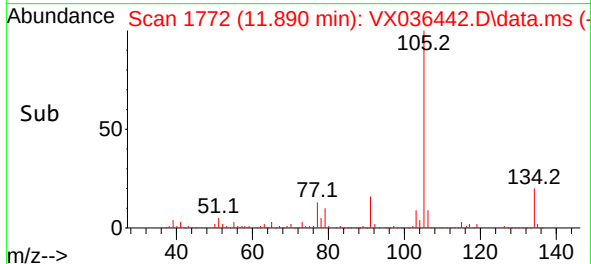
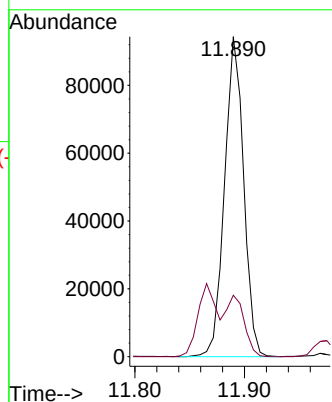
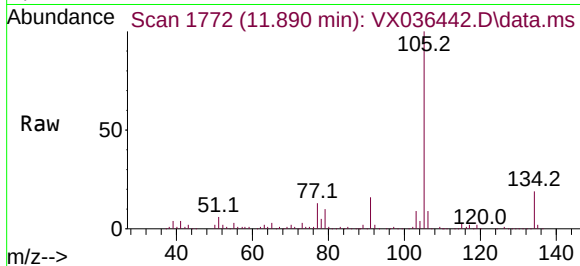




#85
 sec-Butylbenzene
 Concen: 12.216 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036442.D
 Acq: 06 Jul 2023 18:16

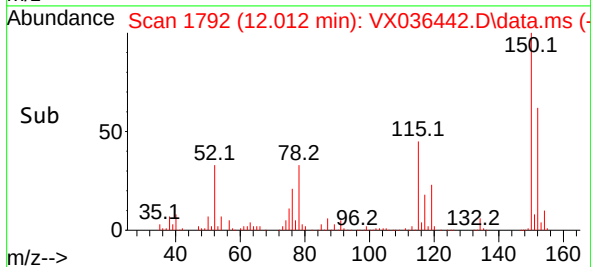
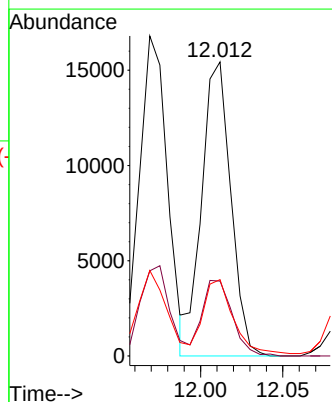
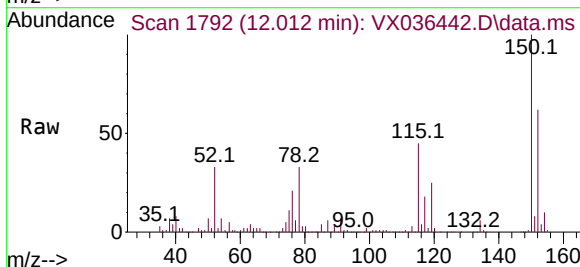
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

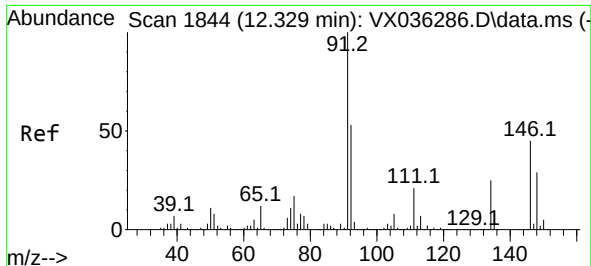
Tgt Ion:105 Resp: 114112
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 2.427 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX036442.D
 Acq: 06 Jul 2023 18:16

Tgt Ion:119 Resp: 19026
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.3
 91 25.3 13.1 39.3





#89

n-Butylbenzene

Concen: 23.216 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

MW-1

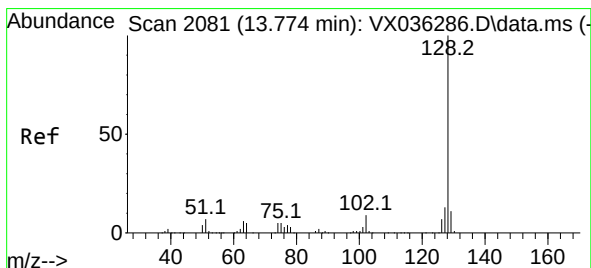
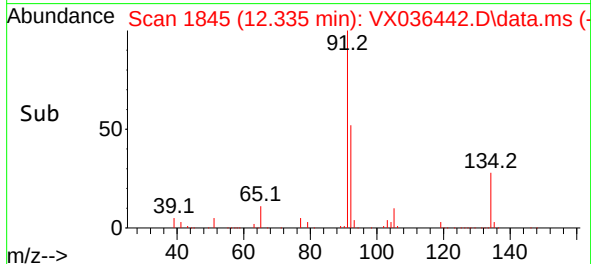
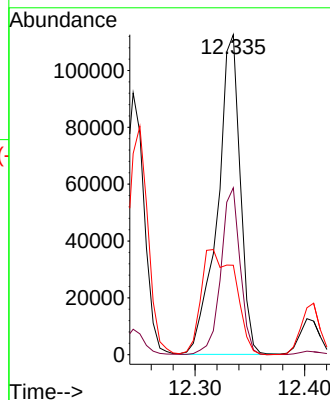
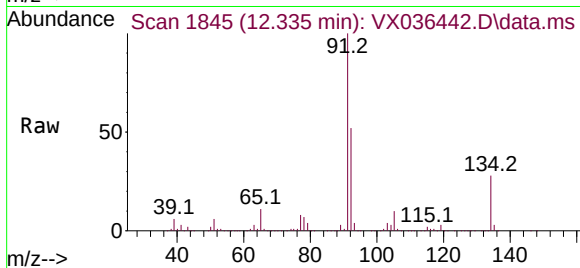
Tgt Ion: 91 Resp: 161969

Ion Ratio Lower Upper

91 100

92 44.2 27.4 82.0

134 49.2 12.6 37.8#



#95

Naphthalene

Concen: 50.409 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036442.D

Acq: 06 Jul 2023 18:16

Tgt Ion:128 Resp: 414828

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 12.1 8.8 13.2

