

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032866.D
 Acq On : 16 Nov 2022 14:28
 Operator : JC/MD
 Sample : N5614-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DL

Quant Time: Nov 17 05:42:32 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)

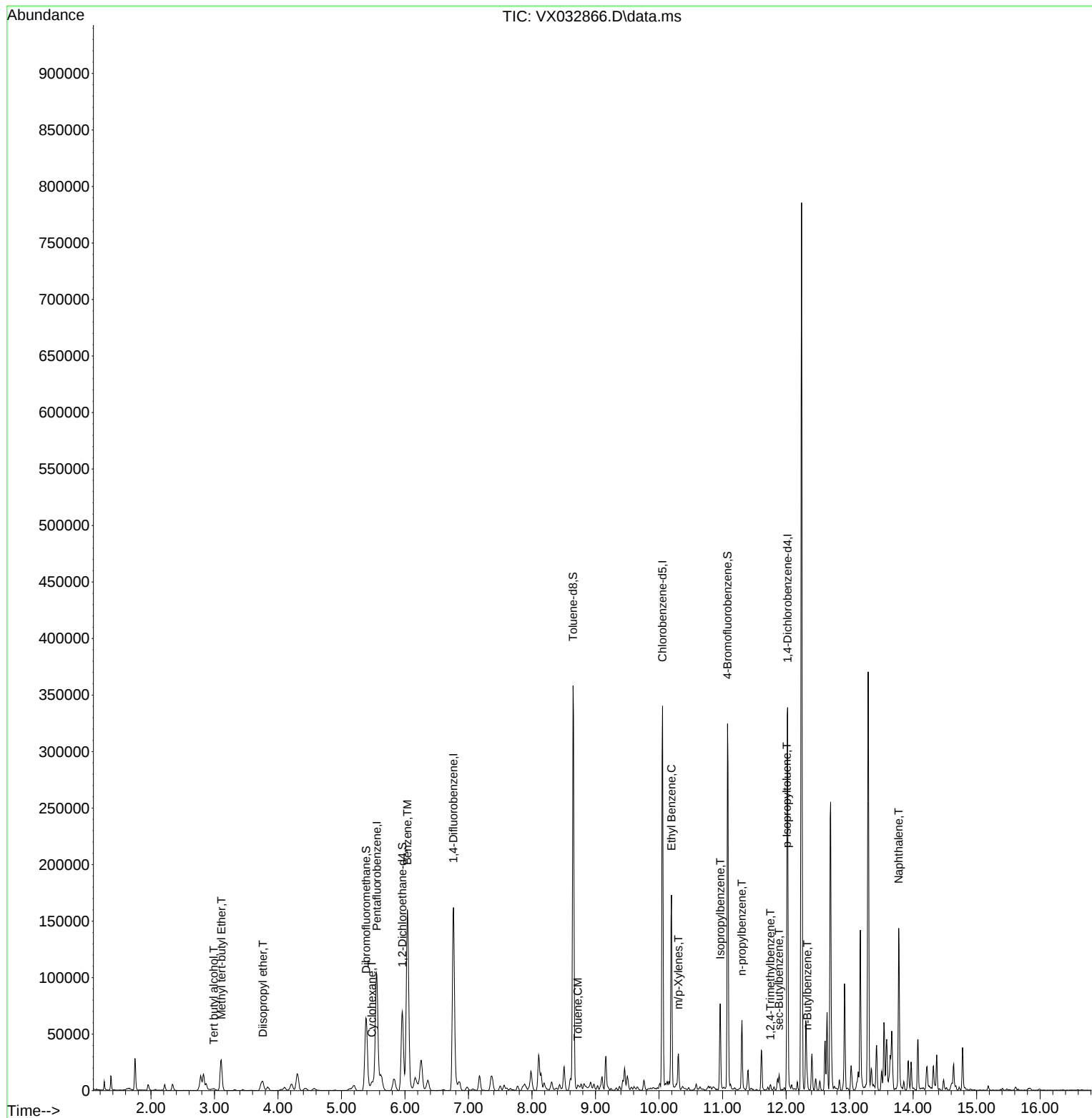
Internal Standards						
1) Pentafluorobenzene	5.556	168	99944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70195	50.547	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.100%	
35) Dibromofluoromethane	5.385	113	55476	46.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.980%	
50) Toluene-d8	8.647	98	205851	50.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.300%	
62) 4-Bromofluorobenzene	11.079	95	81347	50.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.460%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	3541	17.519	ug/l #	72
19) Methyl tert-butyl Ether	3.111	73	4151	1.178	ug/l #	1
22) Diisopropyl ether	3.764	45	7214	2.087	ug/l #	82
31) Cyclohexane	5.477	56	4969	2.951	ug/l #	92
40) Benzene	6.038	78	192218	41.317	ug/l	100
52) Toluene	8.720	92	1558	0.513	ug/l	99
67) Ethyl Benzene	10.195	91	97981	16.595	ug/l	98
68) m/p-Xylenes	10.305	106	6429	2.804	ug/l	97
73) Isopropylbenzene	10.963	105	37139	6.623	ug/l	100
78) n-propylbenzene	11.305	91	36559	5.659	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2560	0.537	ug/l	96
85) sec-Butylbenzene	11.890	105	6607	1.148	ug/l	95
86) p-Isopropyltoluene	12.012	119	2068	0.423	ug/l #	50
89) n-Butylbenzene	12.335	91	10577	2.489	ug/l #	62
95) Naphthalene	13.774	128	87576	15.764	ug/l	99

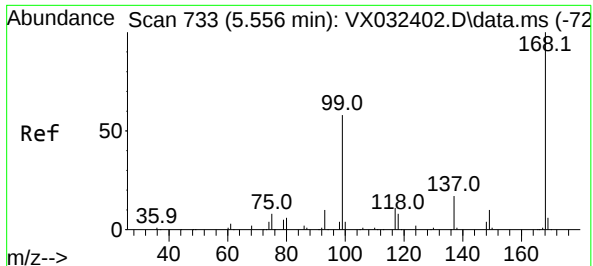
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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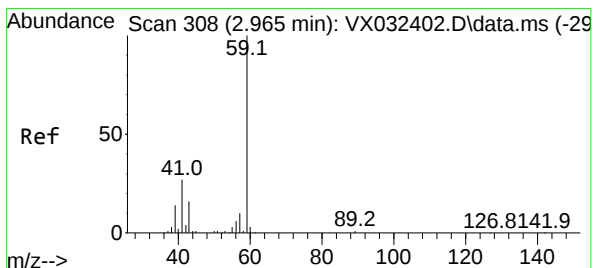
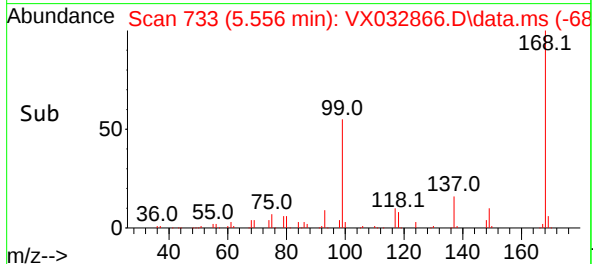
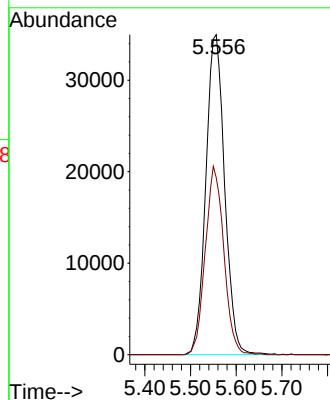
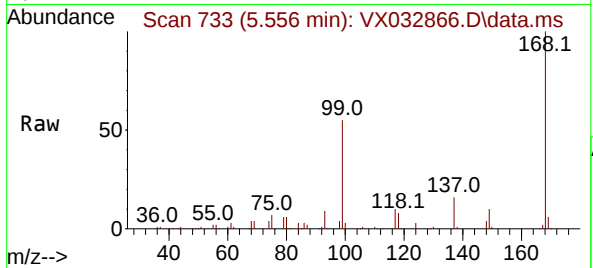




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

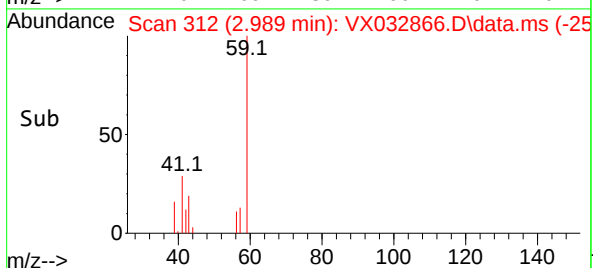
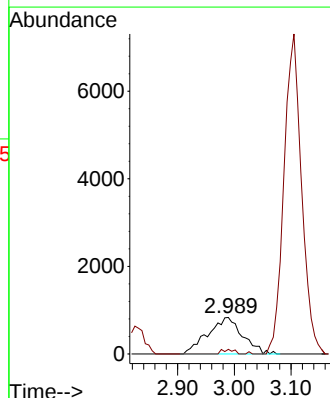
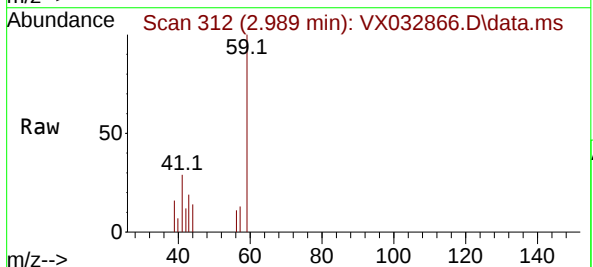
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

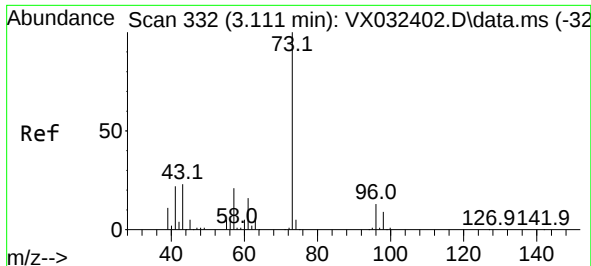
Tgt Ion:168 Resp: 99944
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 17.519 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 59 Resp: 3541
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

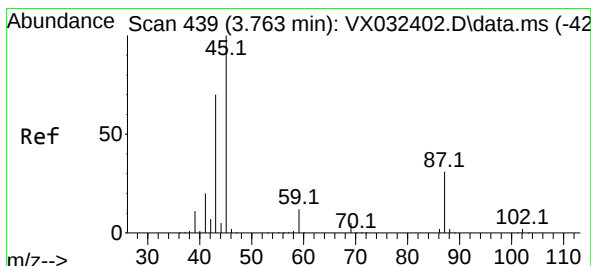
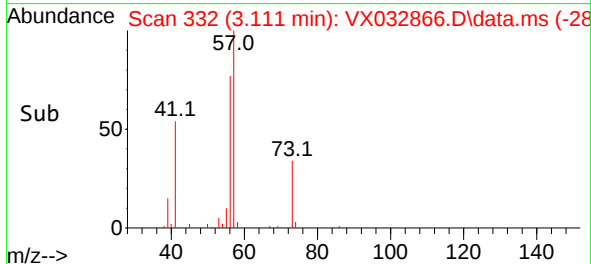
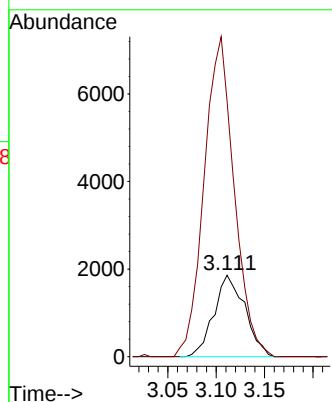
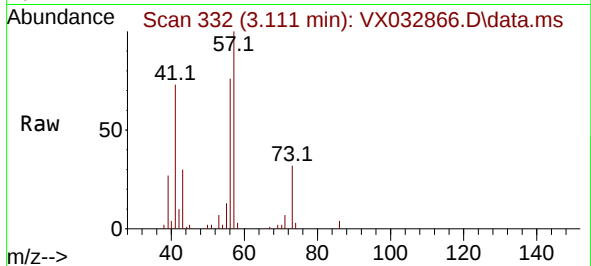




#19
Methyl tert-butyl Ether
Concen: 1.178 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

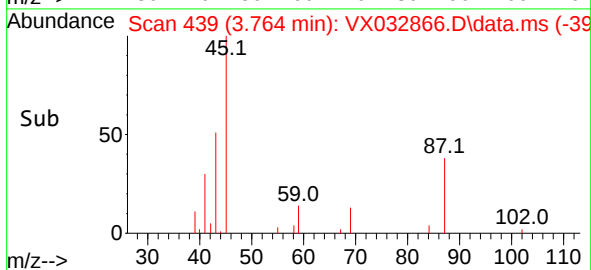
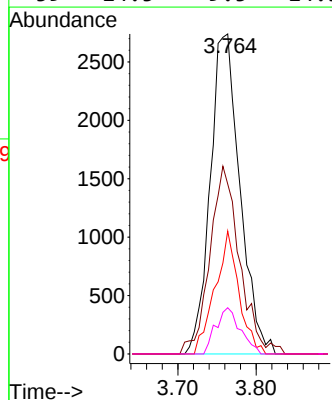
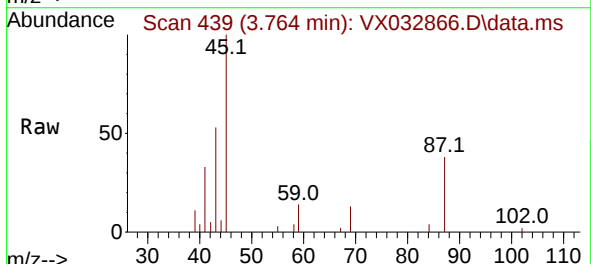
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

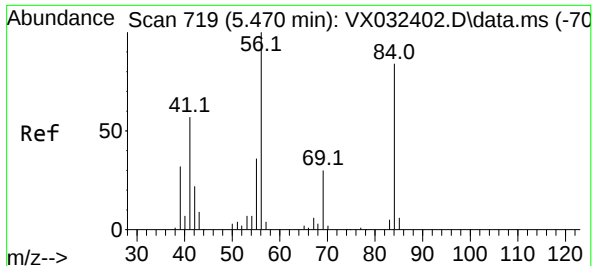
Tgt Ion: 73 Resp: 4151
Ion Ratio Lower Upper
73 100
57 313.9 16.6 25.0#



#22
Diisopropyl ether
Concen: 2.087 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 45 Resp: 7214
Ion Ratio Lower Upper
45 100
43 53.1 56.4 84.6#
87 38.4 24.4 36.6#
59 14.5 9.5 14.3#

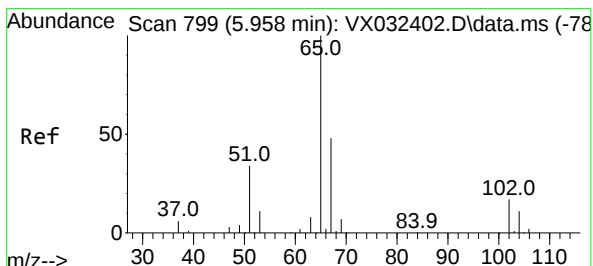
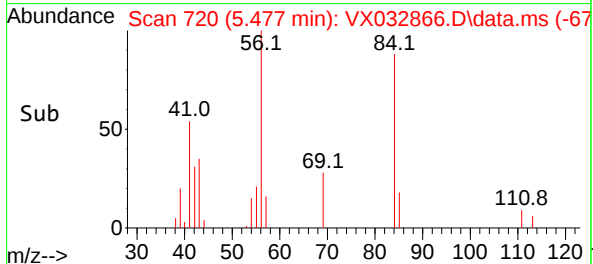
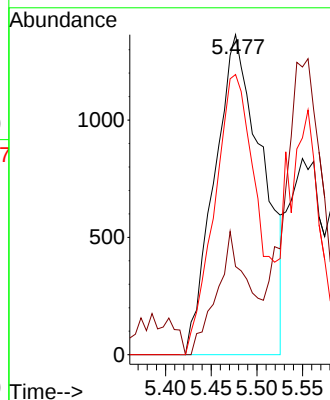
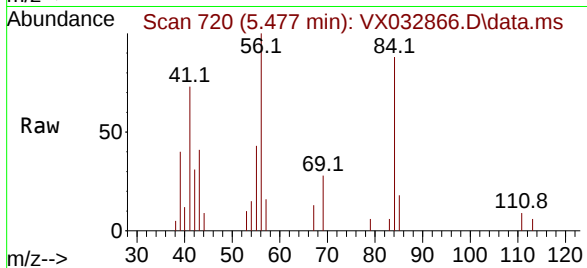




#31
Cyclohexane
Concen: 2.951 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

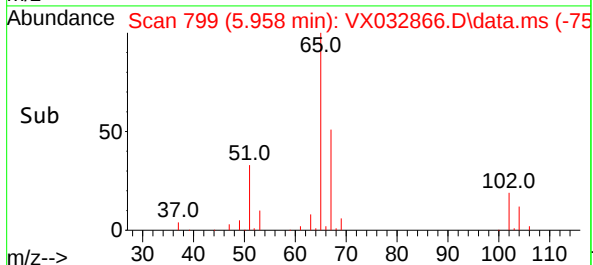
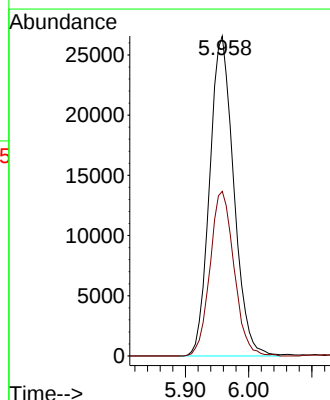
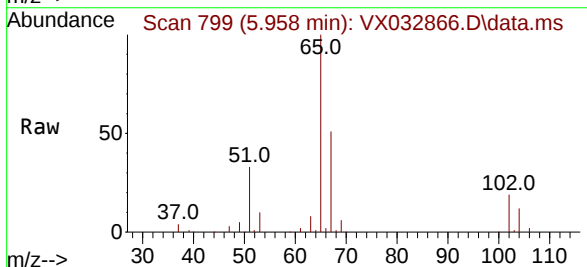
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

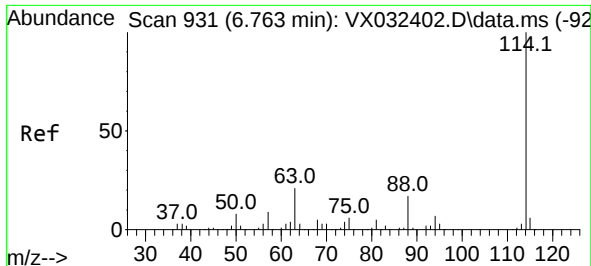
Tgt Ion: 56 Resp: 4969
Ion Ratio Lower Upper
56 100
69 19.9 24.1 36.1#
84 87.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.547 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 65 Resp: 70195
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8

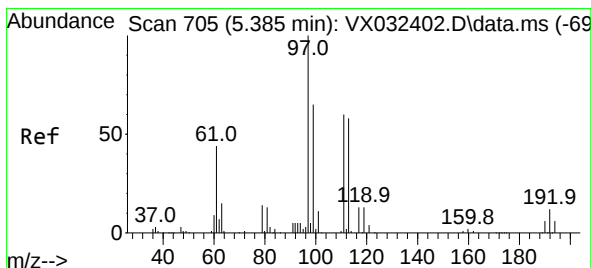
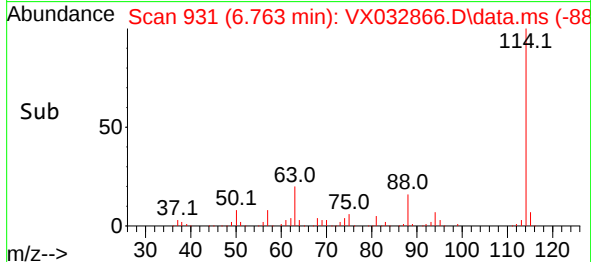
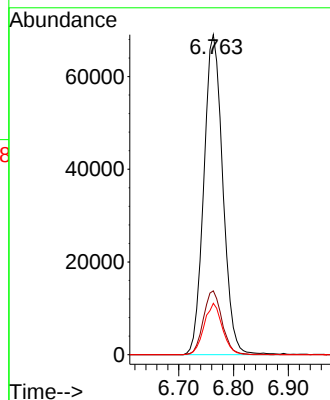
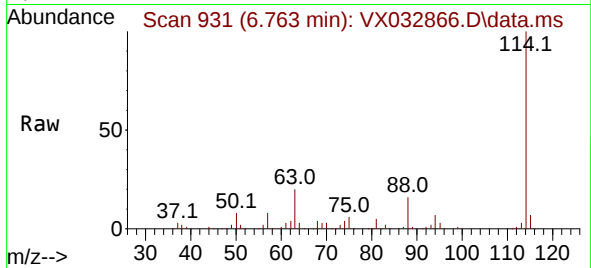




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

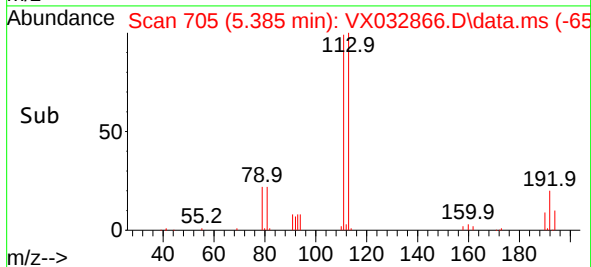
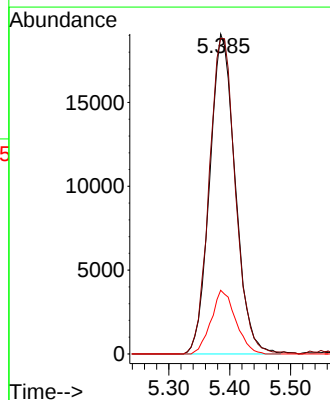
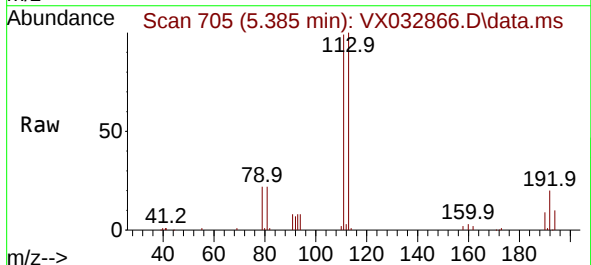
Instrument :
MSVOA_X
ClientSampleId :
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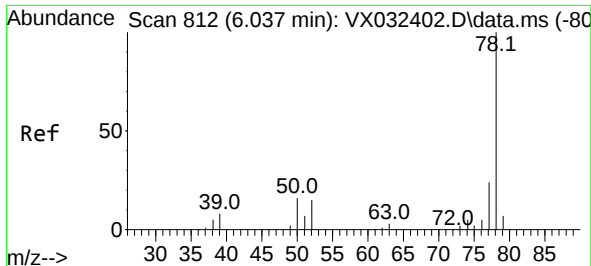
Tgt Ion:114 Resp: 165506
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.991 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion:113 Resp: 55476
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 19.2 15.4 23.2

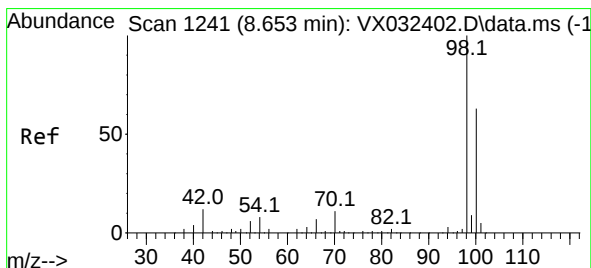
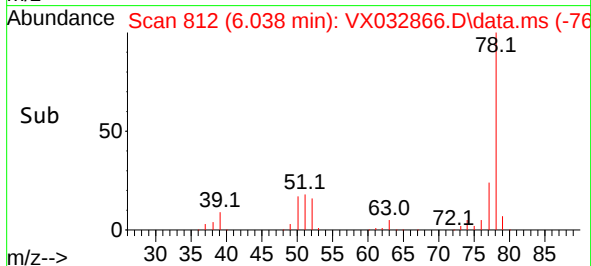
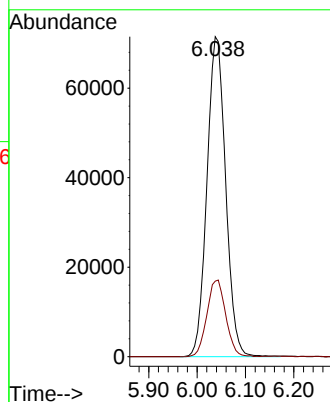
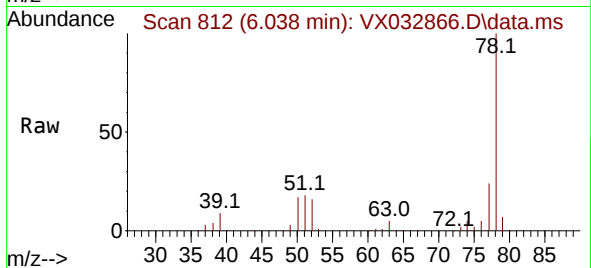




#40
Benzene
Concen: 41.317 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

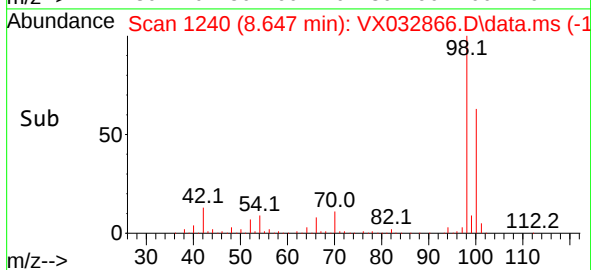
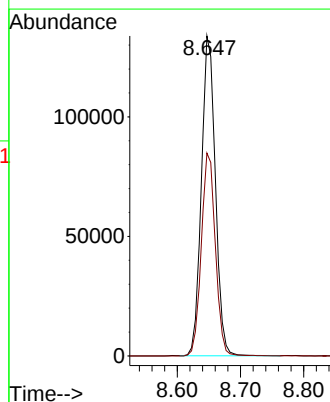
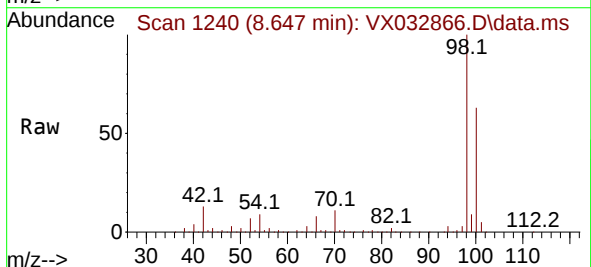
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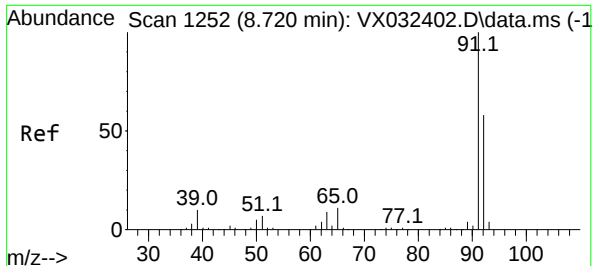
Tgt Ion: 78 Resp: 192218
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 98 Resp: 205851
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

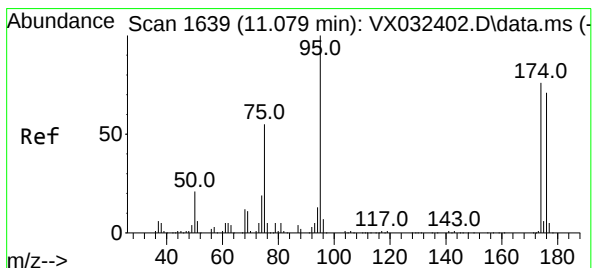
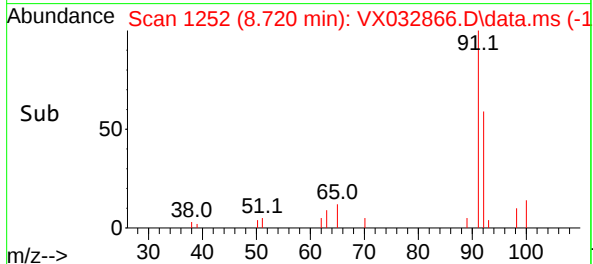
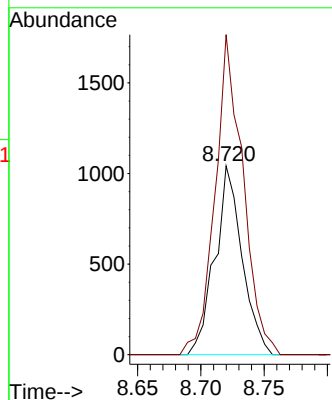
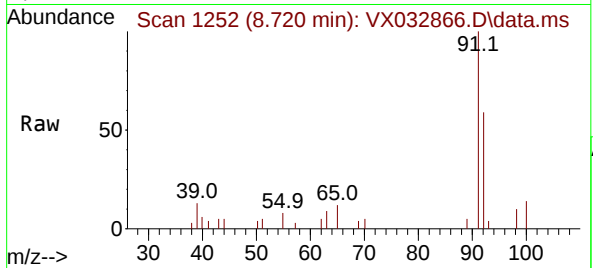




#52
Toluene
Concen: 0.513 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

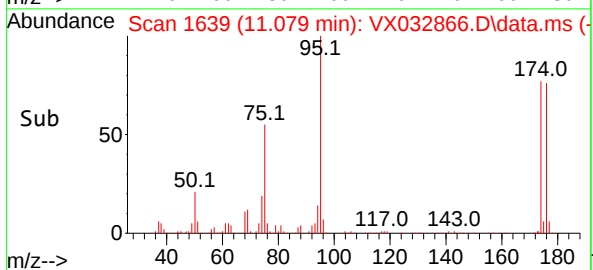
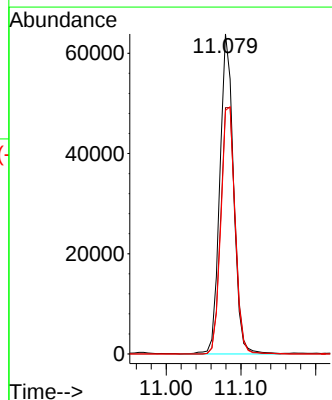
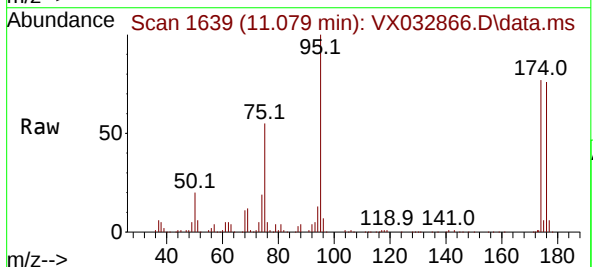
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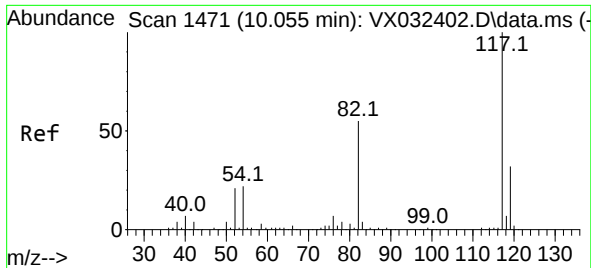
Tgt Ion: 92 Resp: 1558
Ion Ratio Lower Upper
92 100
91 173.6 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 50.729 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 95 Resp: 81347
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.6 0.0 154.4

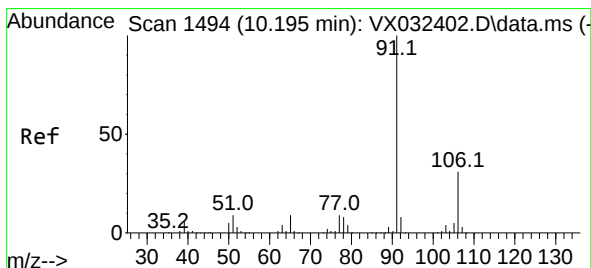
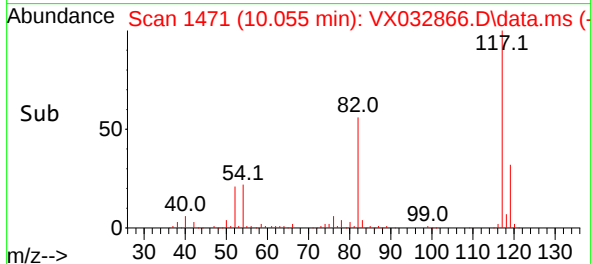
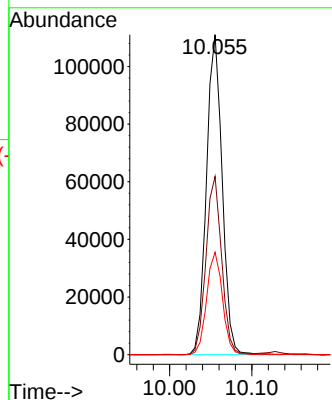
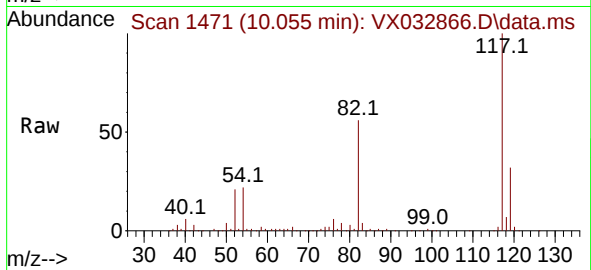




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

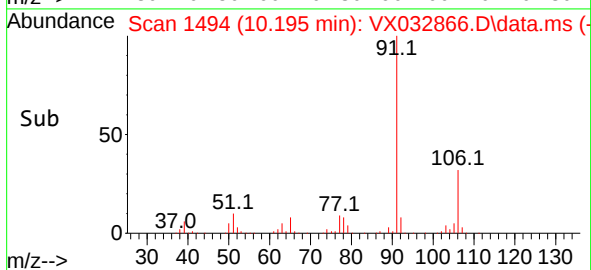
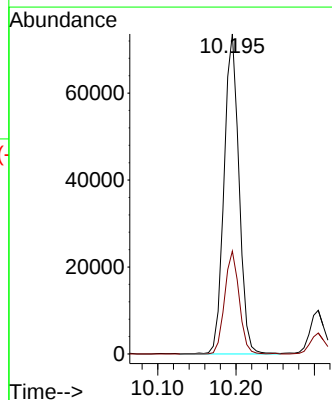
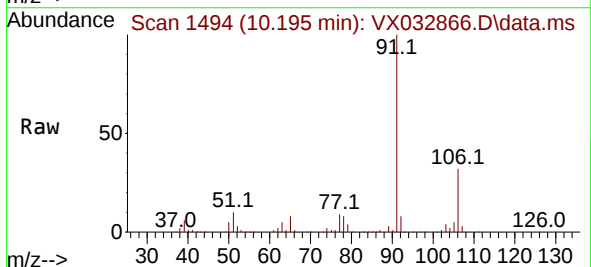
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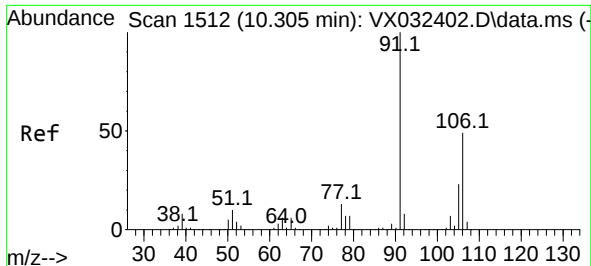
Tgt Ion:117 Resp: 147394
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 32.0 25.7 38.5



#67
Ethyl Benzene
Concen: 16.595 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 91 Resp: 97981
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6

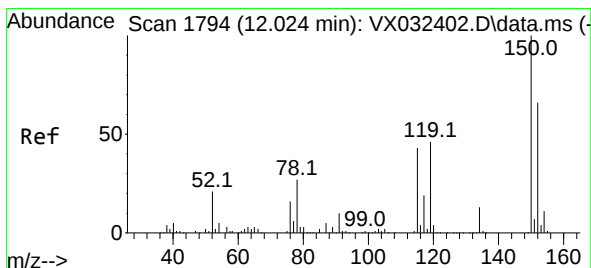
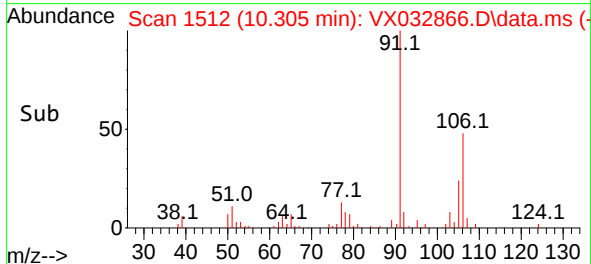
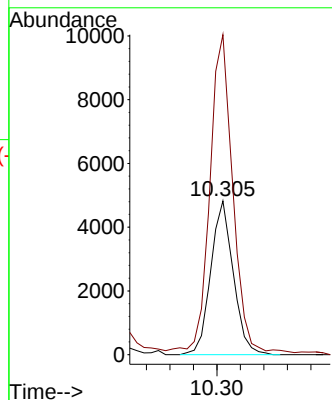
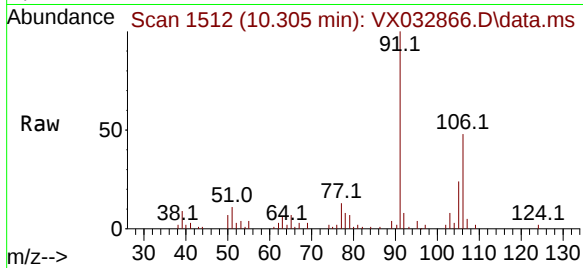




#68
m/p-Xylenes
Concen: 2.804 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

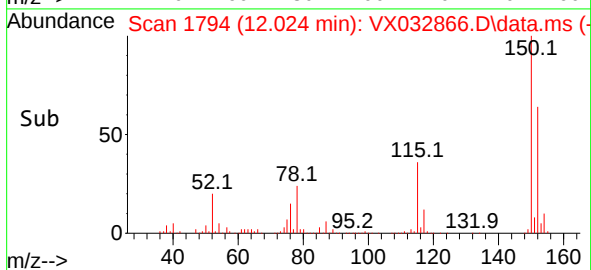
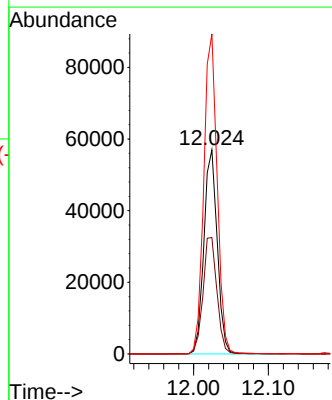
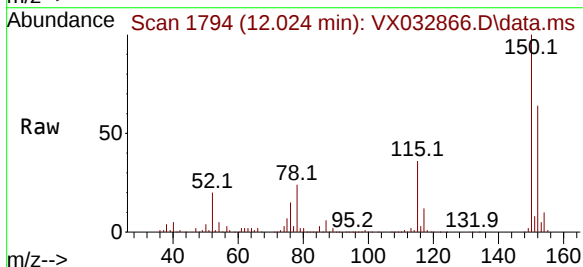
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

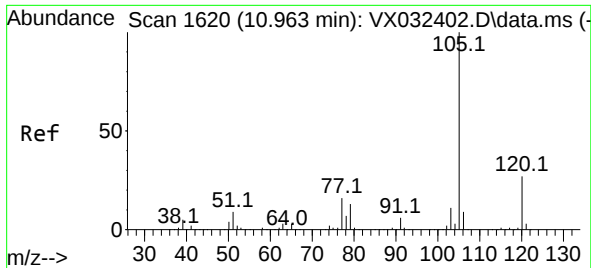
Tgt Ion:106 Resp: 6429
Ion Ratio Lower Upper
106 100
91 210.4 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion:152 Resp: 70767
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 157.0 0.0 351.8

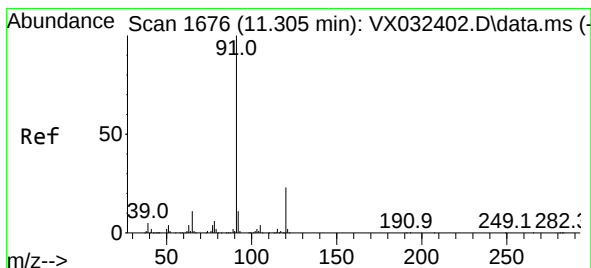
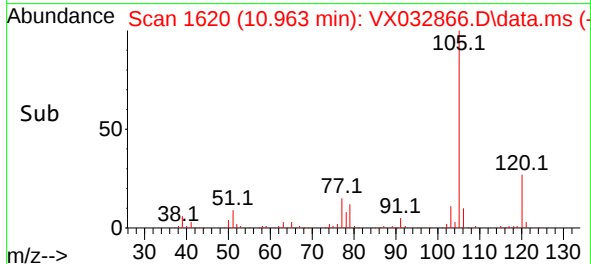
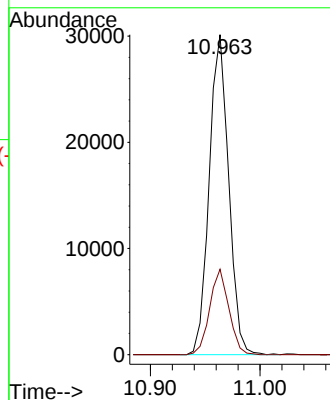
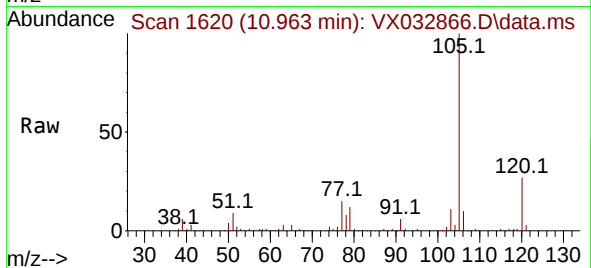




#73
Isopropylbenzene
Concen: 6.623 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

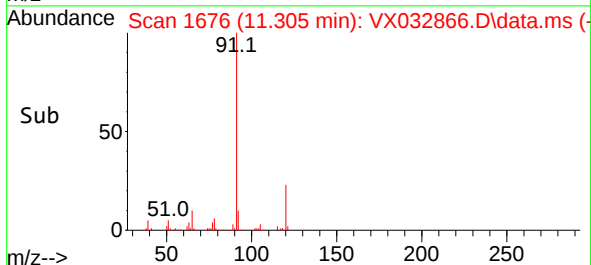
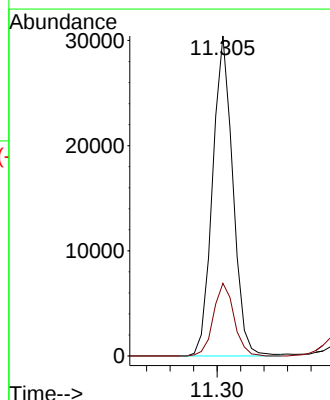
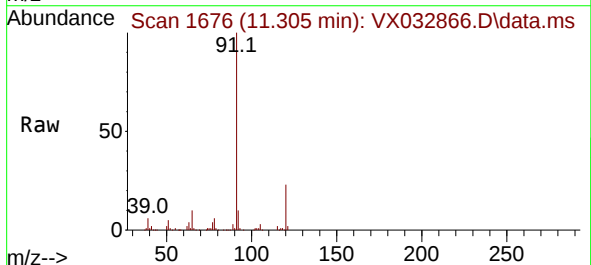
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

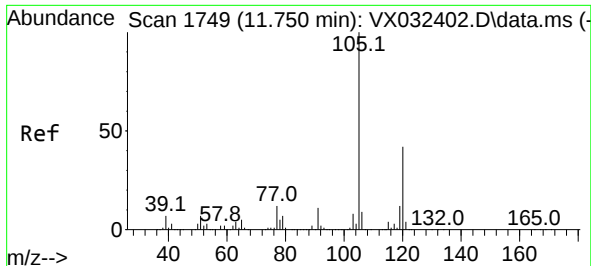
Tgt Ion:105 Resp: 37139
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#78
n-propylbenzene
Concen: 5.659 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion: 91 Resp: 36559
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8

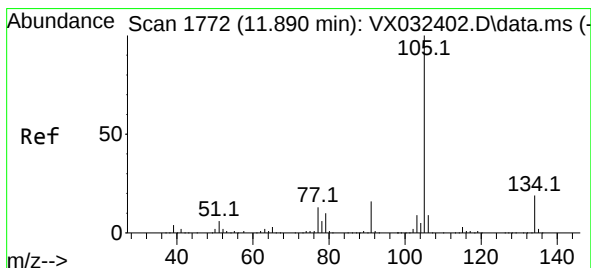
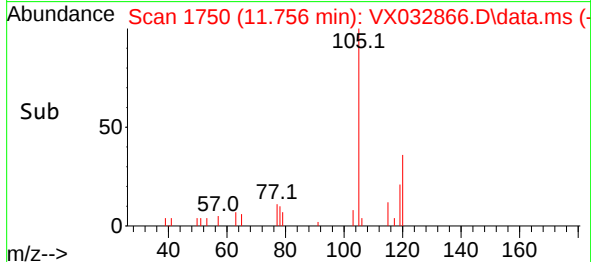
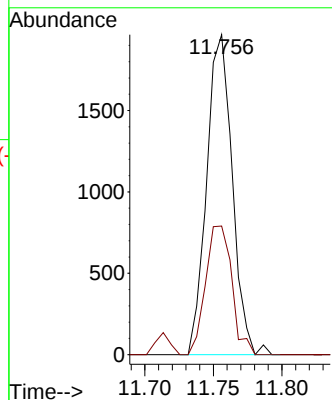
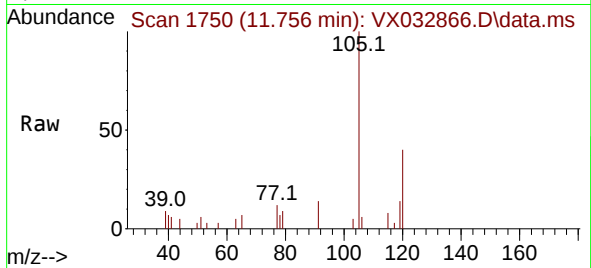




#84
1,2,4-Trimethylbenzene
Concen: 0.537 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

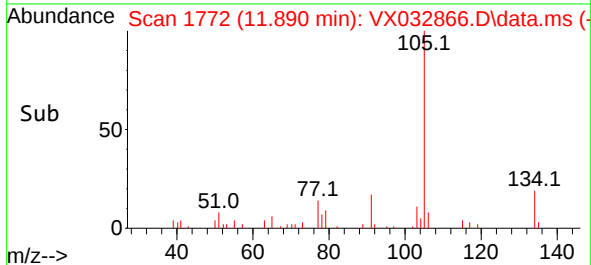
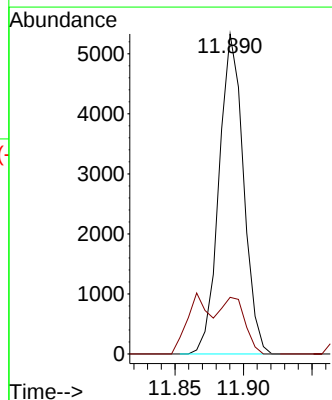
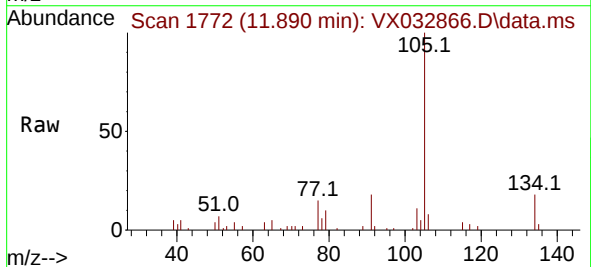
Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

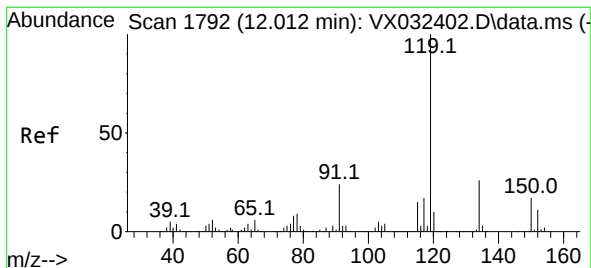
Tgt Ion:105 Resp: 2560
Ion Ratio Lower Upper
105 100
120 41.1 21.9 65.5



#85
sec-Butylbenzene
Concen: 1.148 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX032866.D
Acq: 16 Nov 2022 14:28

Tgt Ion:105 Resp: 6607
Ion Ratio Lower Upper
105 100
134 17.6 9.9 29.7





#86

p-Isopropyltoluene

Concen: 0.423 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032866.D

Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL

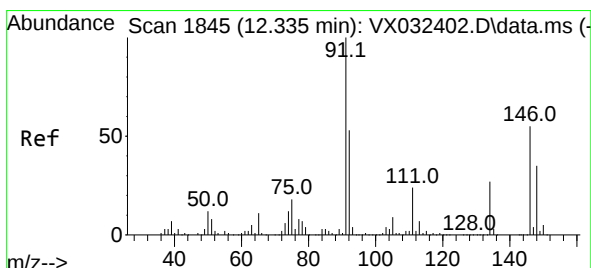
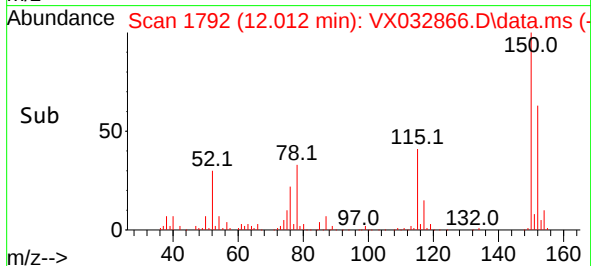
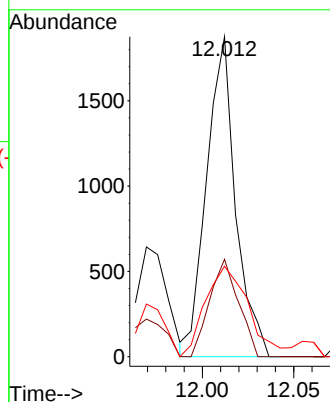
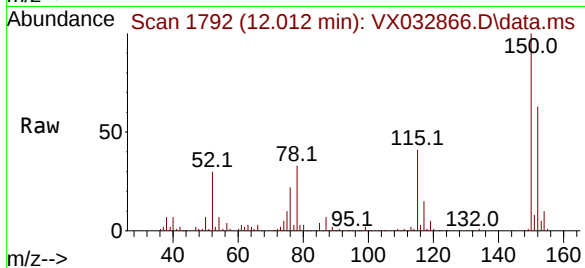
Tgt Ion:119 Resp: 2068

Ion Ratio Lower Upper

119 100

134 0.0 12.9 38.7#

91 0.0 12.5 37.5#



#89

n-Butylbenzene

Concen: 2.489 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032866.D

Acq: 16 Nov 2022 14:28

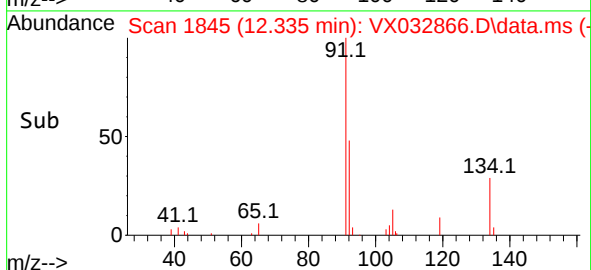
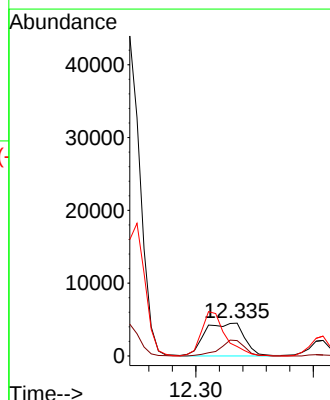
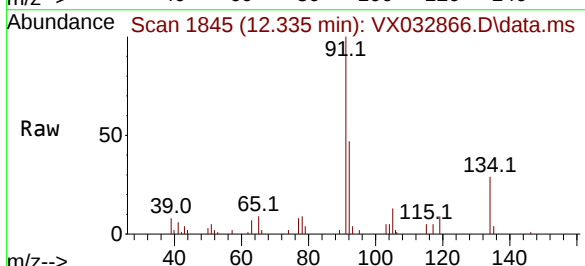
Tgt Ion: 91 Resp: 10577

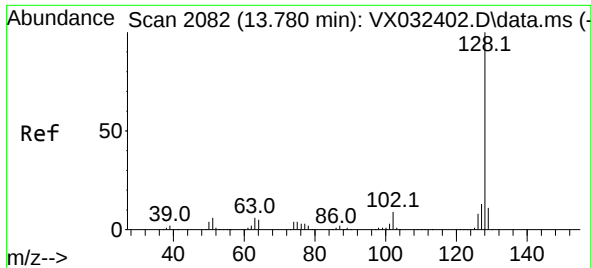
Ion Ratio Lower Upper

91 100

92 30.4 26.2 78.6

134 0.0 12.9 38.6#





#95

Naphthalene

Concen: 15.764 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX032866.D

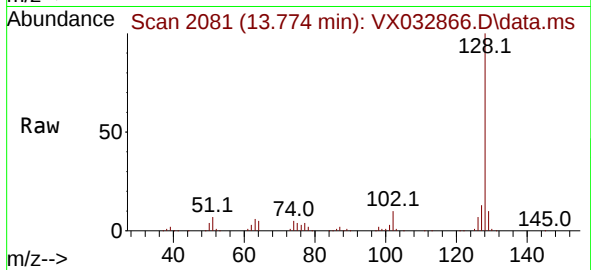
Acq: 16 Nov 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

MW-14DL



Tgt Ion:128 Resp: 87576

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.8 8.9 13.3

