

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032585.D
 Acq On : 04 Nov 2022 18:34
 Operator : JC/MD
 Sample : N5486-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Nov 05 00:39:36 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)

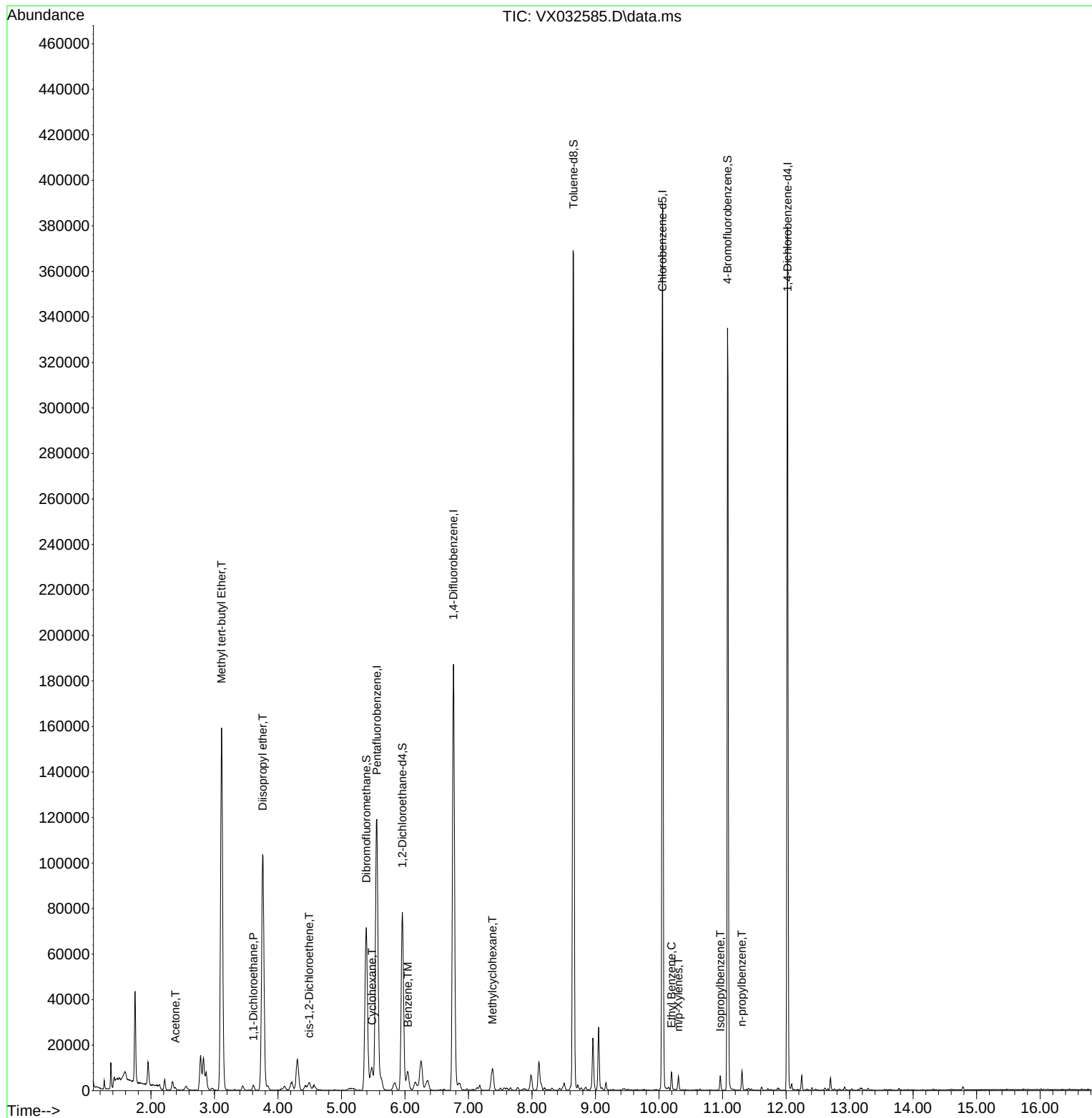
Internal Standards						
1) Pentafluorobenzene	5.556	168	113707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77599	49.115	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.240%		
35) Dibromofluoromethane	5.391	113	60027	45.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.040%		
50) Toluene-d8	8.653	98	222894	48.077	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.160%		
62) 4-Bromofluorobenzene	11.079	95	84244	46.518	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1411	2.457	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	155010	38.676	ug/l #	87
22) Diisopropyl ether	3.757	45	106284	27.032	ug/l #	86
24) 1,1-Dichloroethane	3.611	63	2497	1.104	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	2018	1.407	ug/l	96
31) Cyclohexane	5.483	56	6625	3.458	ug/l #	93
39) Methylcyclohexane	7.379	83	3845	1.750	ug/l #	78
40) Benzene	6.044	78	9626	1.832	ug/l	97
67) Ethyl Benzene	10.195	91	4560	0.683	ug/l #	86
68) m/p-Xylenes	10.305	106	1402	0.540	ug/l	96
73) Isopropylbenzene	10.963	105	3284	0.540	ug/l	97
78) n-propylbenzene	11.305	91	5595	0.799	ug/l	99

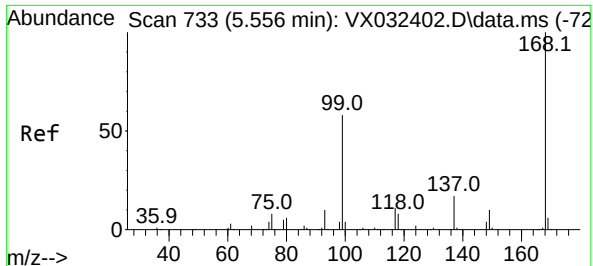
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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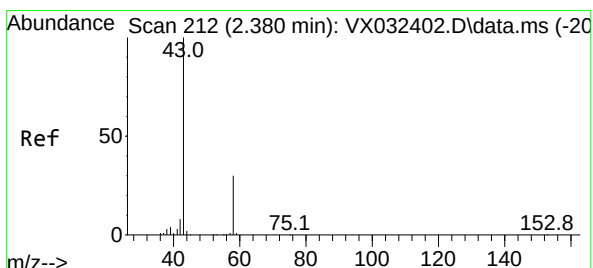
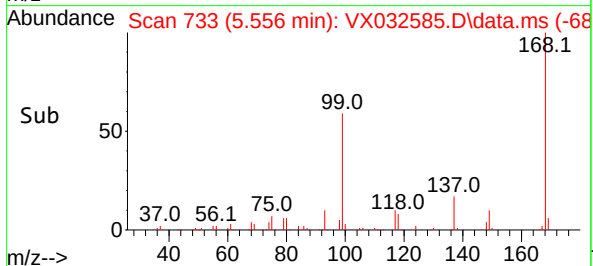
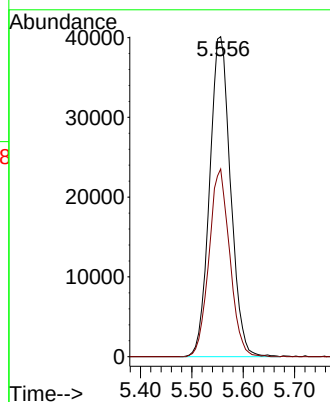
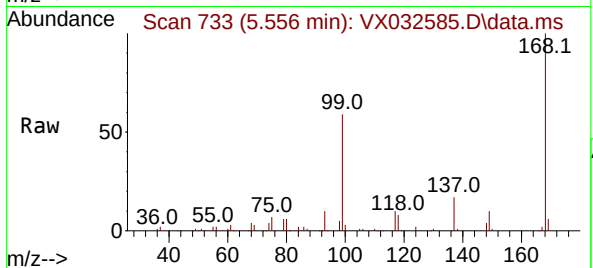




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

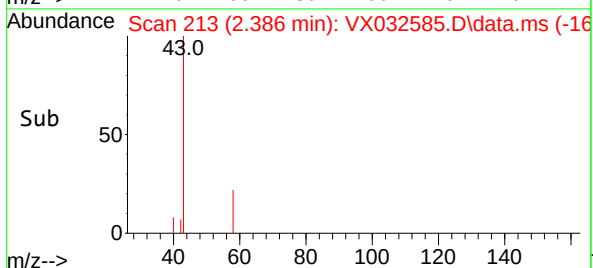
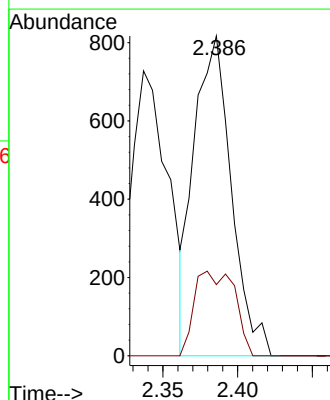
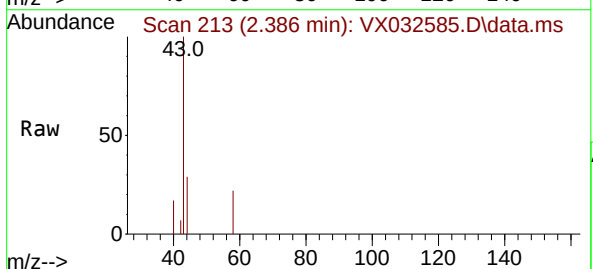
Instrument :
MSVOA_X
ClientSampleId :
MW-14

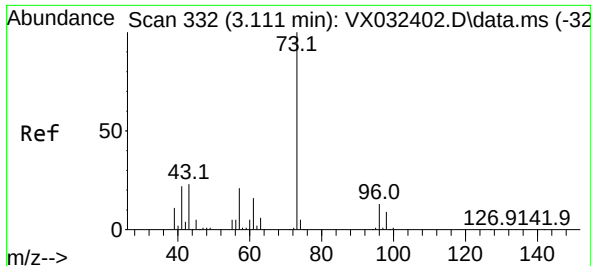
Tgt Ion:168 Resp: 113707
Ion Ratio Lower Upper
168 100
99 58.7 46.1 69.1



#16
Acetone
Concen: 2.457 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
58 22.3 23.8 35.8#

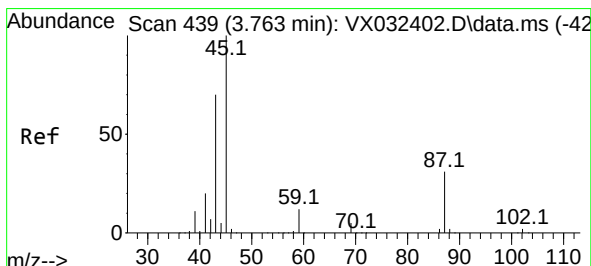
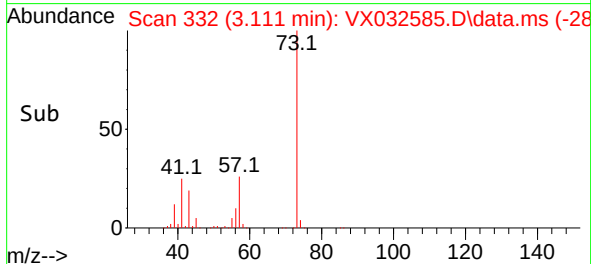
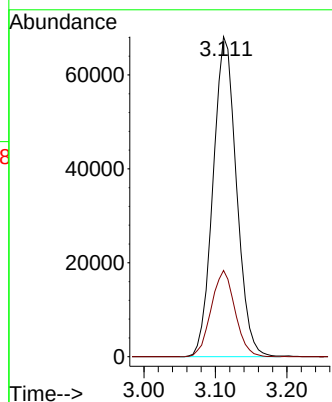
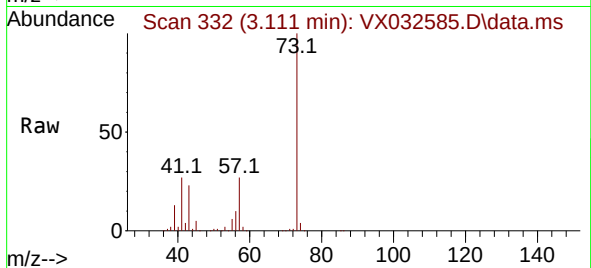




#19
Methyl tert-butyl Ether
Concen: 38.676 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

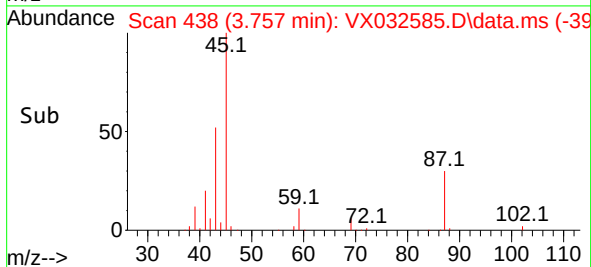
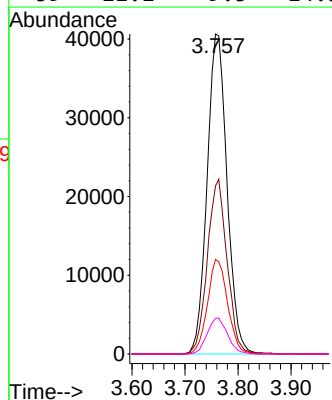
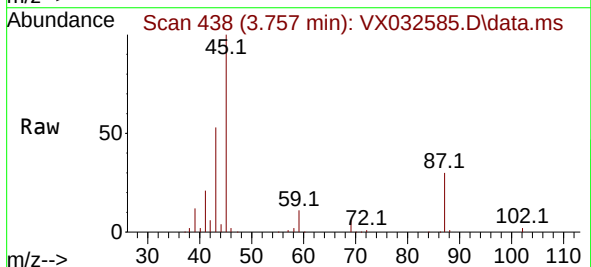
Instrument :
MSVOA_X
ClientSampleId :
MW-14

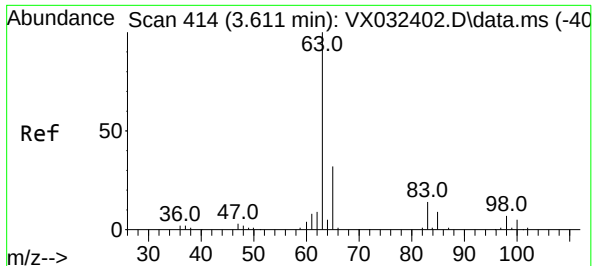
Tgt Ion: 73 Resp: 155010
Ion Ratio Lower Upper
73 100
57 26.9 16.6 25.0#



#22
Diisopropyl ether
Concen: 27.032 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 45 Resp: 106284
Ion Ratio Lower Upper
45 100
43 52.6 56.4 84.6#
87 29.6 24.4 36.6
59 11.1 9.5 14.3

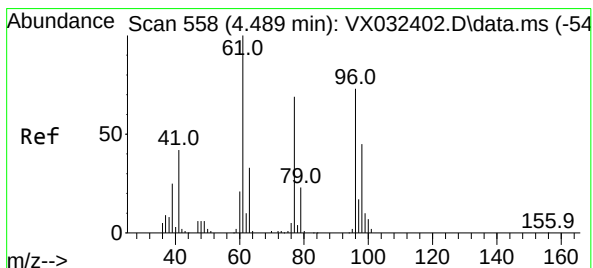
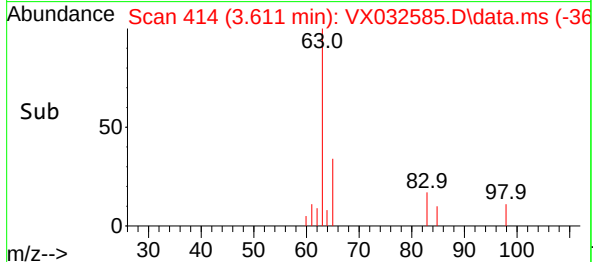
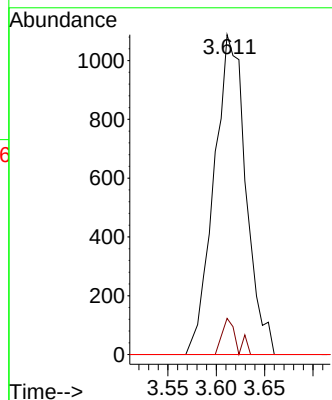
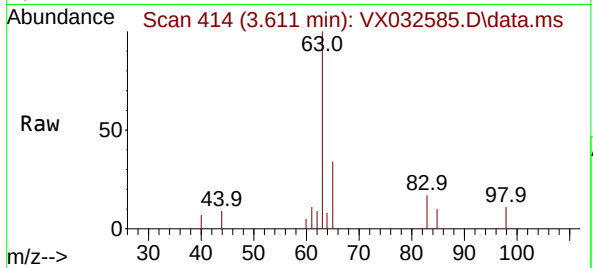




#24
1,1-Dichloroethane
Concen: 1.104 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

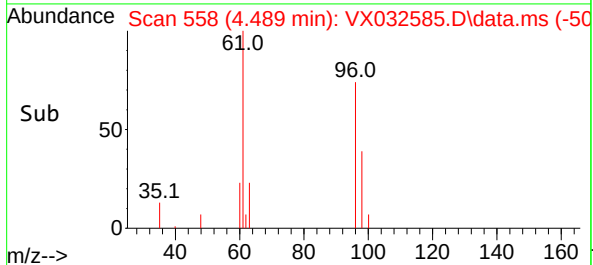
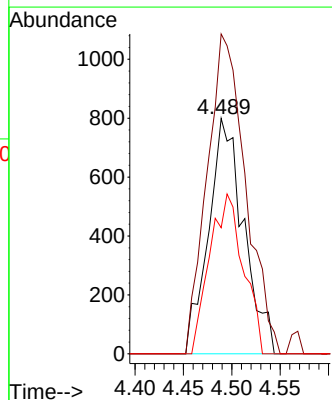
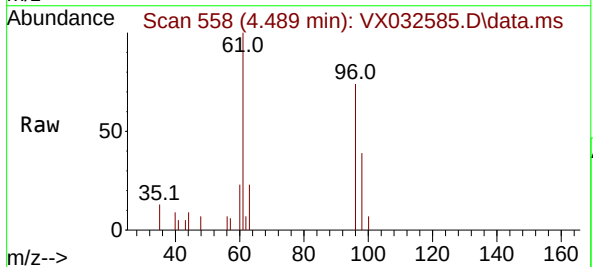
Instrument :
MSVOA_X
ClientSampleId :
MW-14

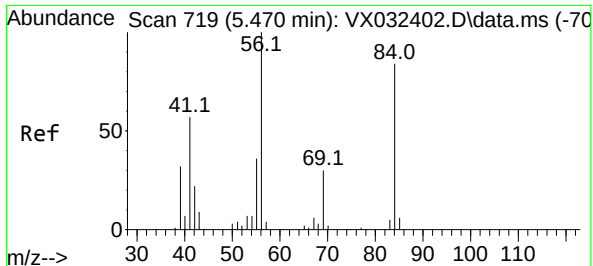
Tgt Ion: 63 Resp: 2497
Ion Ratio Lower Upper
63 100
98 11.3 3.5 10.4#
100 0.0 2.3 6.8#



#27
cis-1,2-Dichloroethene
Concen: 1.407 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 96 Resp: 2018
Ion Ratio Lower Upper
96 100
61 149.1 0.0 286.0
98 65.2 0.0 129.6

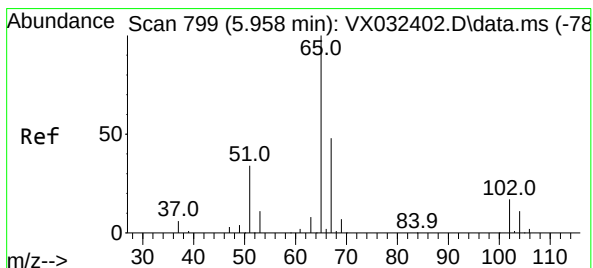
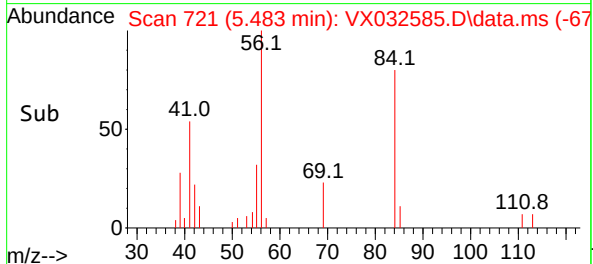
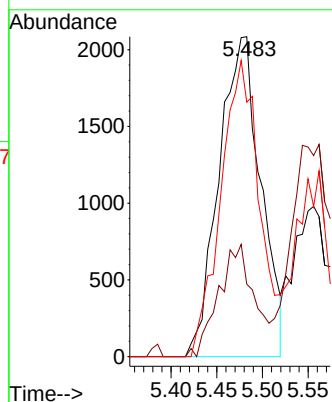
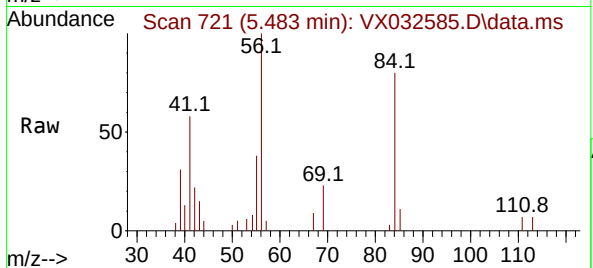




#31
Cyclohexane
Concen: 3.458 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

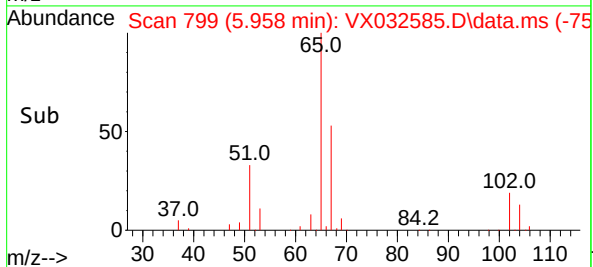
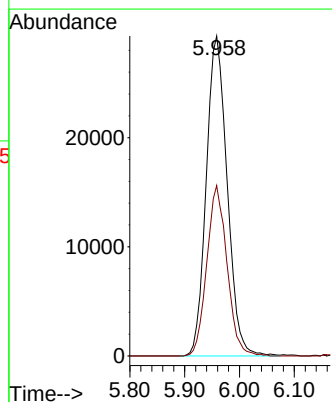
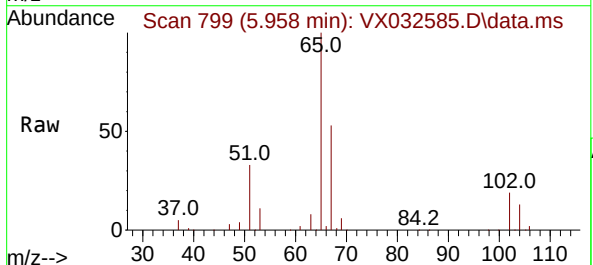
Instrument :
MSVOA_X
ClientSampleId :
MW-14

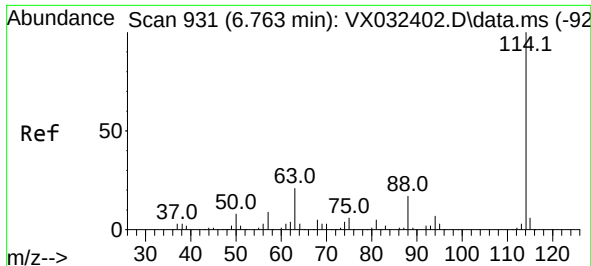
Tgt Ion: 56 Resp: 6625
Ion Ratio Lower Upper
56 100
69 22.6 24.1 36.1#
84 79.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.115 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 65 Resp: 77599
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

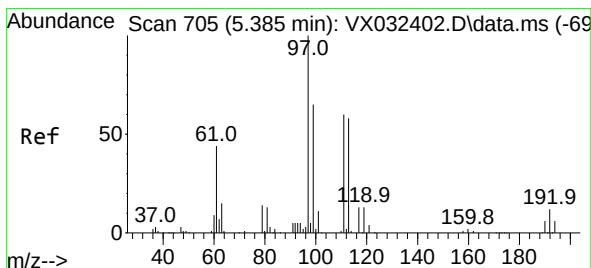
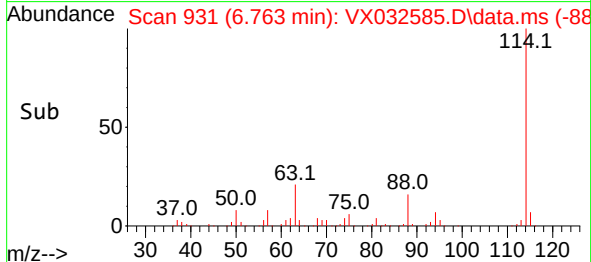
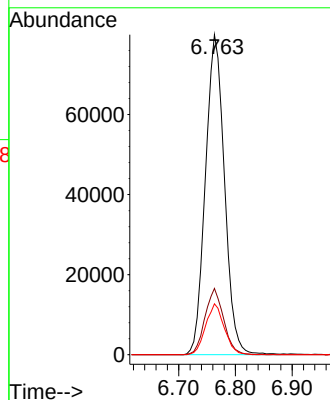
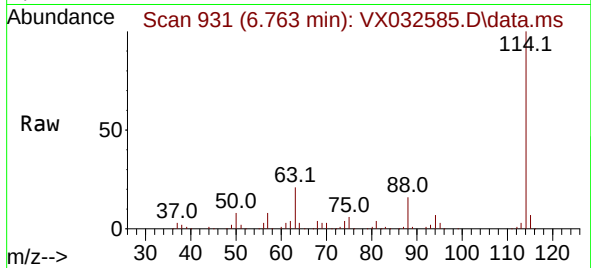




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

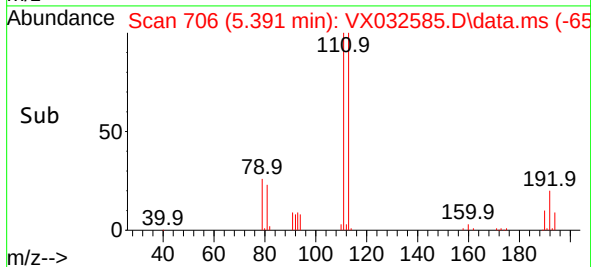
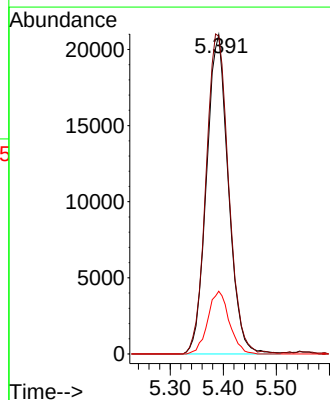
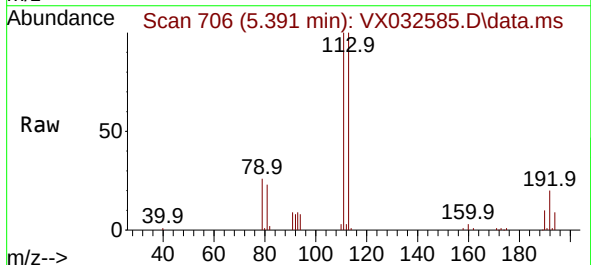
Instrument :
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ClientSampleId :
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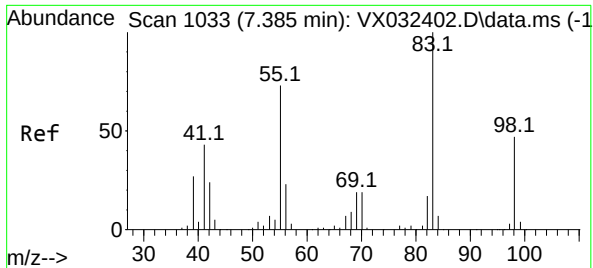
Tgt Ion:114 Resp: 186917
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.021 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion:113 Resp: 60027
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.3 15.4 23.2

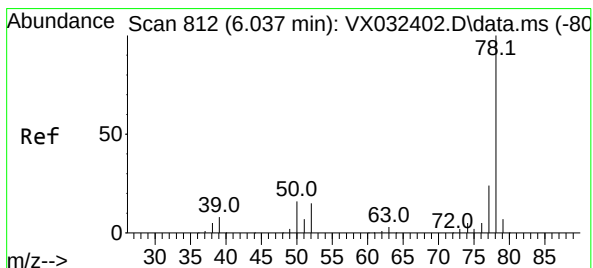
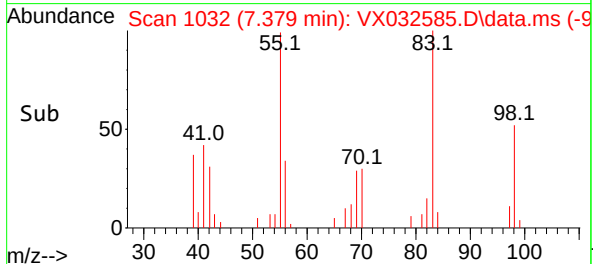
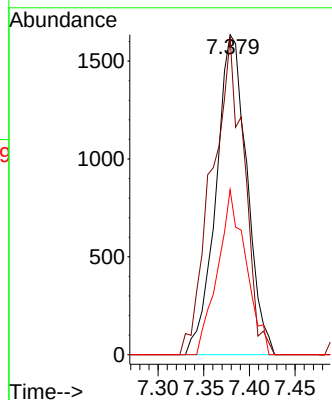
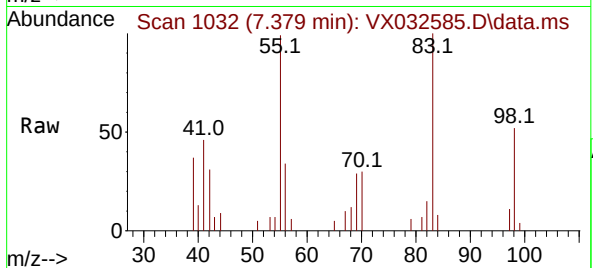




#39
Methylcyclohexane
Concen: 1.750 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

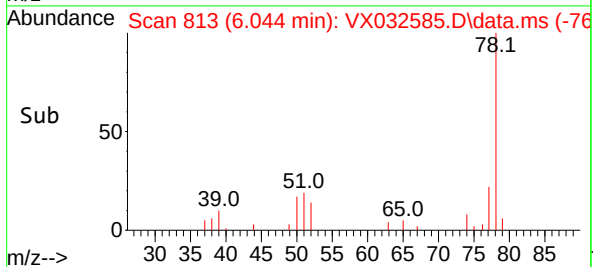
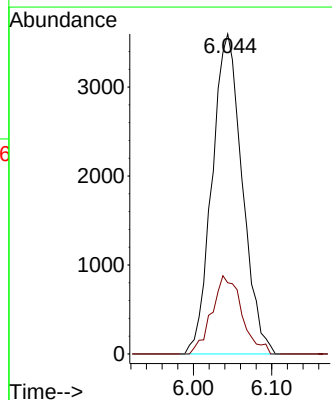
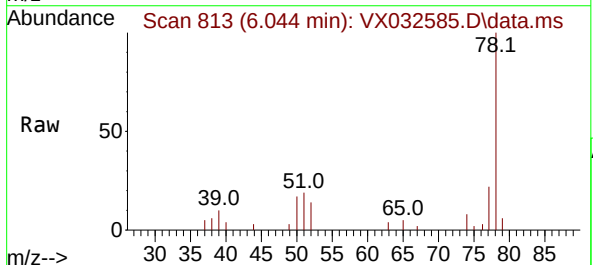
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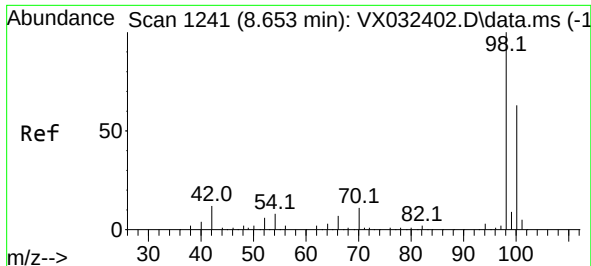
Tgt Ion: 83 Resp: 3845
Ion Ratio Lower Upper
83 100
55 99.2 58.4 87.6#
98 51.6 37.2 55.8



#40
Benzene
Concen: 1.832 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 78 Resp: 9626
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4

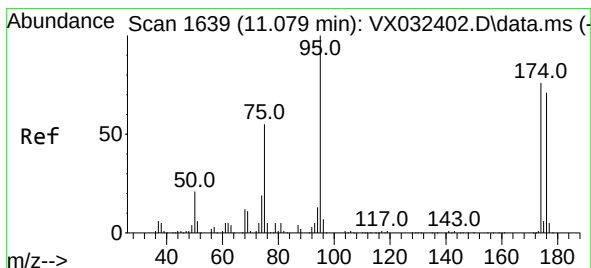
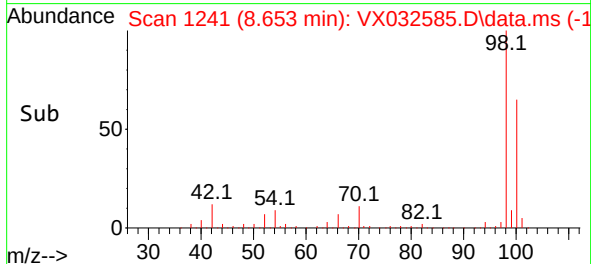
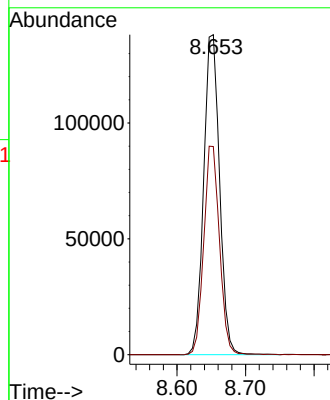
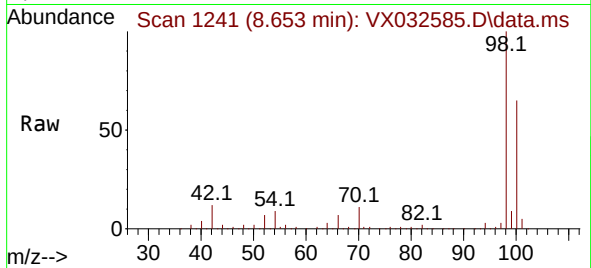




#50
Toluene-d8
Concen: 48.077 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

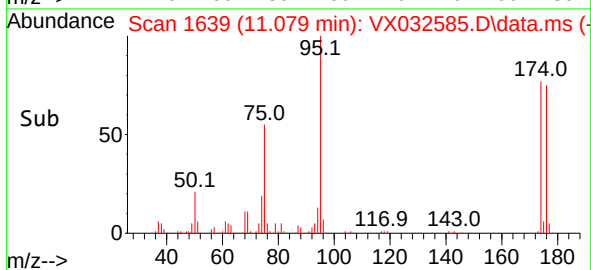
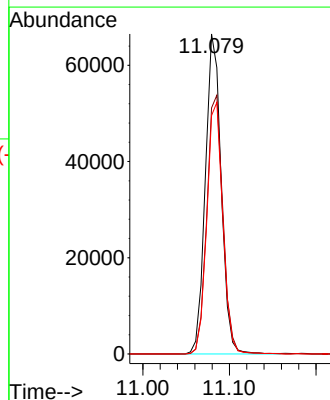
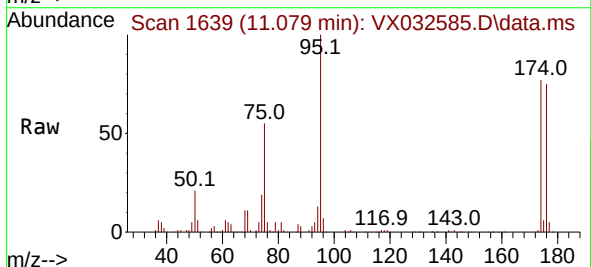
Instrument :
MSVOA_X
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MW-14

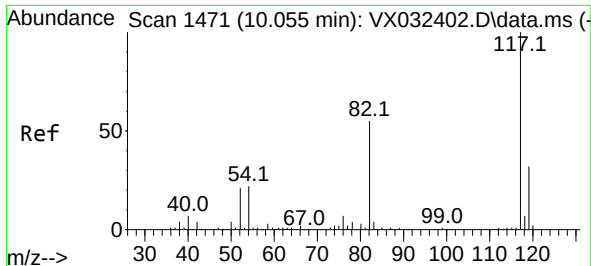
Tgt Ion: 98 Resp: 222894
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 95 Resp: 84244
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.0
176 79.6 0.0 154.4

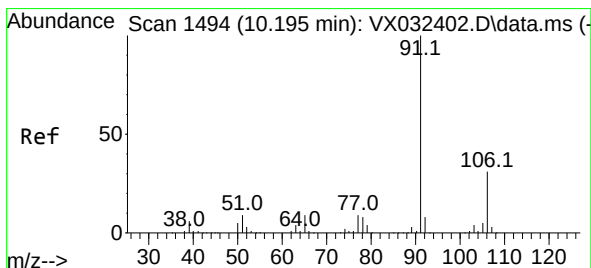
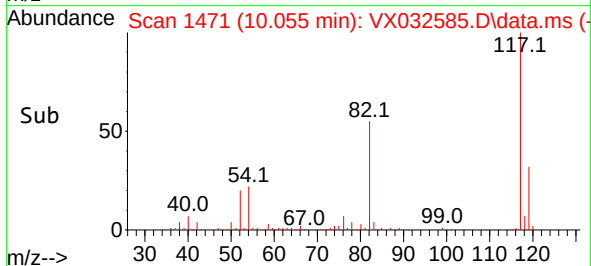
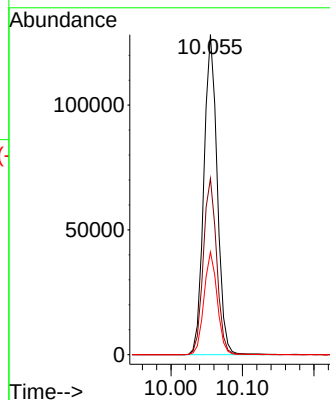
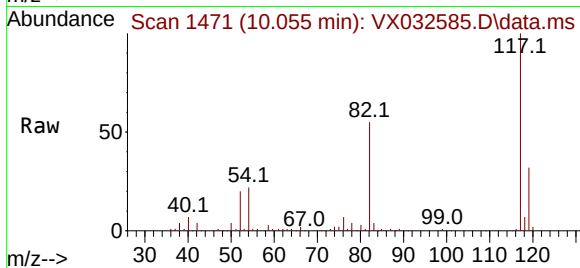




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

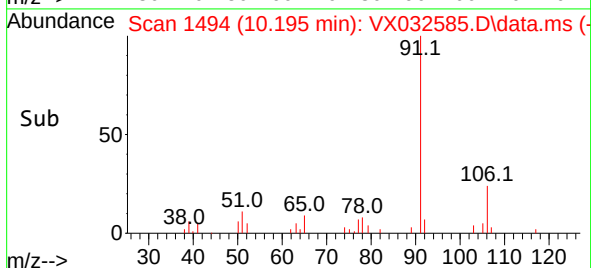
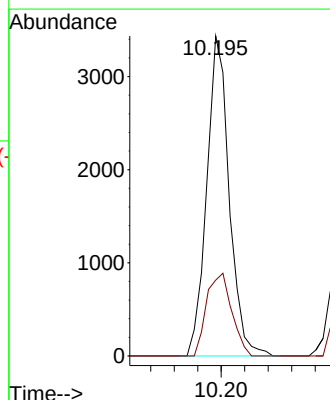
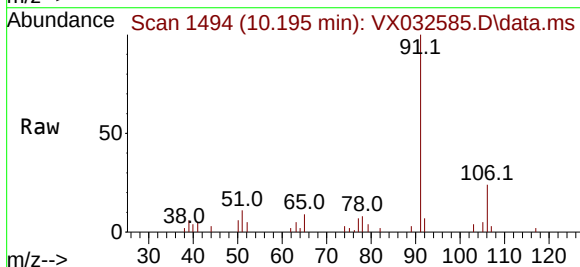
Instrument :
MSVOA_X
ClientSampleId :
MW-14

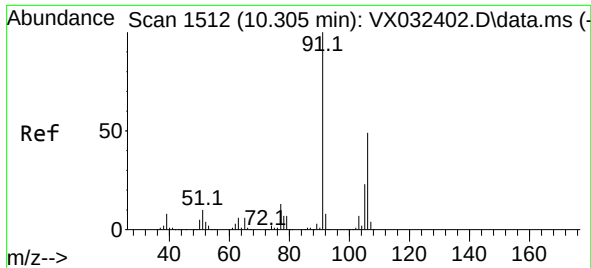
Tgt Ion:117 Resp: 166792
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 0.683 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 91 Resp: 4560
Ion Ratio Lower Upper
91 100
106 23.7 25.0 37.6#

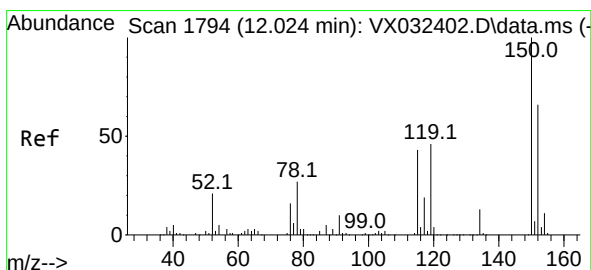
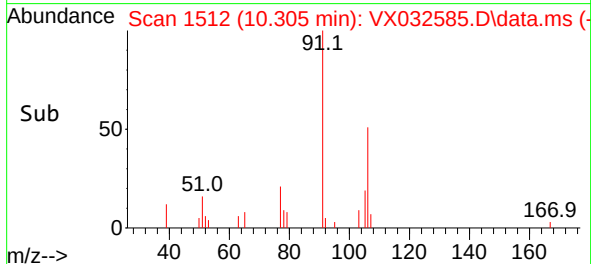
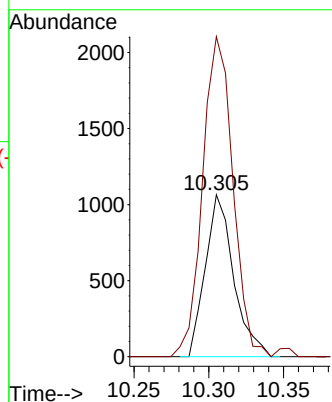
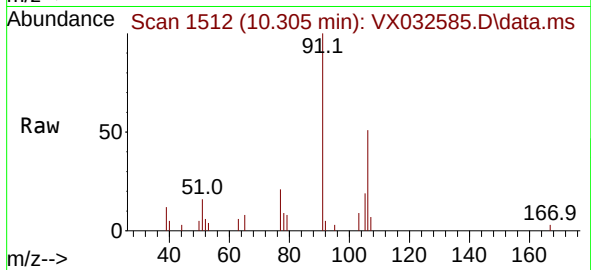




#68
m/p-Xylenes
Concen: 0.540 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

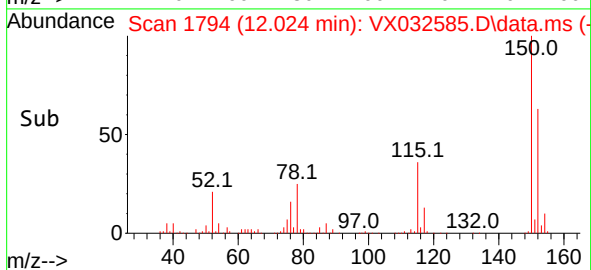
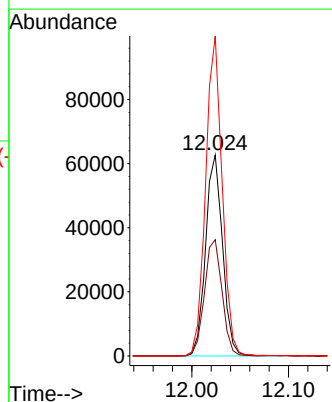
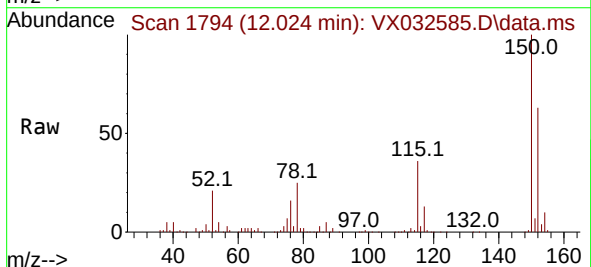
Instrument :
MSVOA_X
ClientSampleId :
MW-14

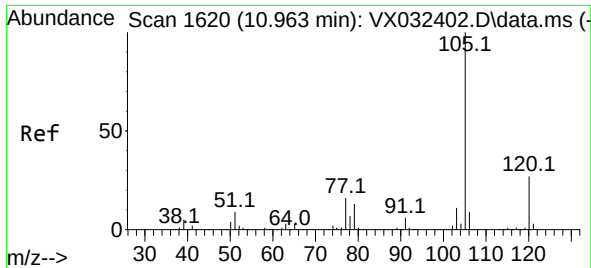
Tgt Ion:106 Resp: 1402
Ion Ratio Lower Upper
106 100
91 211.1 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion:152 Resp: 76746
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 155.2 0.0 351.8

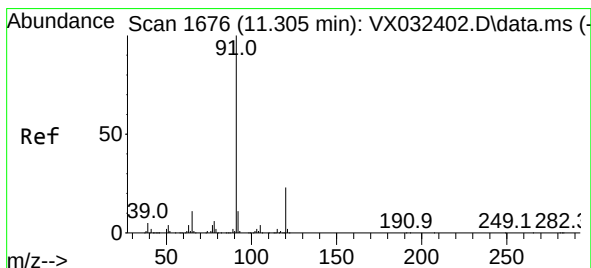
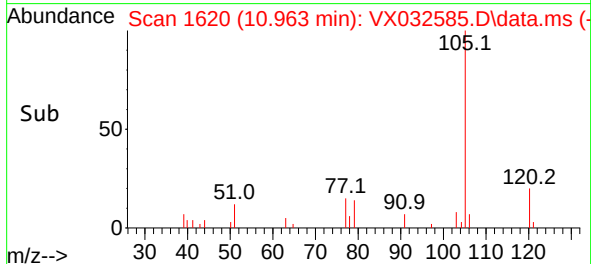
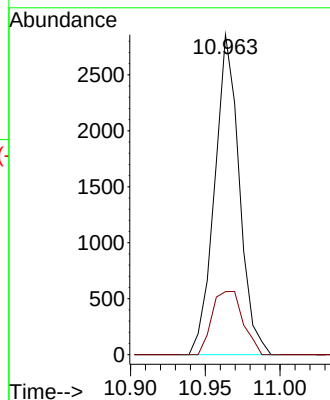
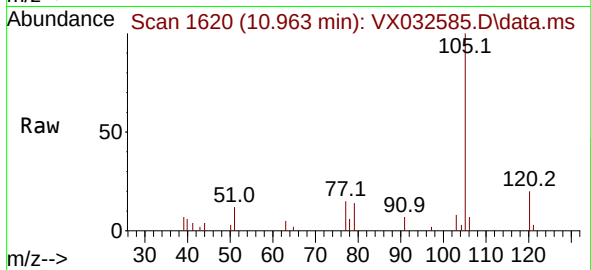




#73
Isopropylbenzene
Concen: 0.540 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:105 Resp: 3284
Ion Ratio Lower Upper
105 100
120 24.8 13.1 39.3



#78
n-propylbenzene
Concen: 0.799 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX032585.D
Acq: 04 Nov 2022 18:34

Tgt Ion: 91 Resp: 5595
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8

