

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032649.D
 Acq On : 08 Nov 2022 13:20
 Operator : JC/MD
 Sample : N5497-02DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08DL

Quant Time: Nov 09 04:37:57 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)

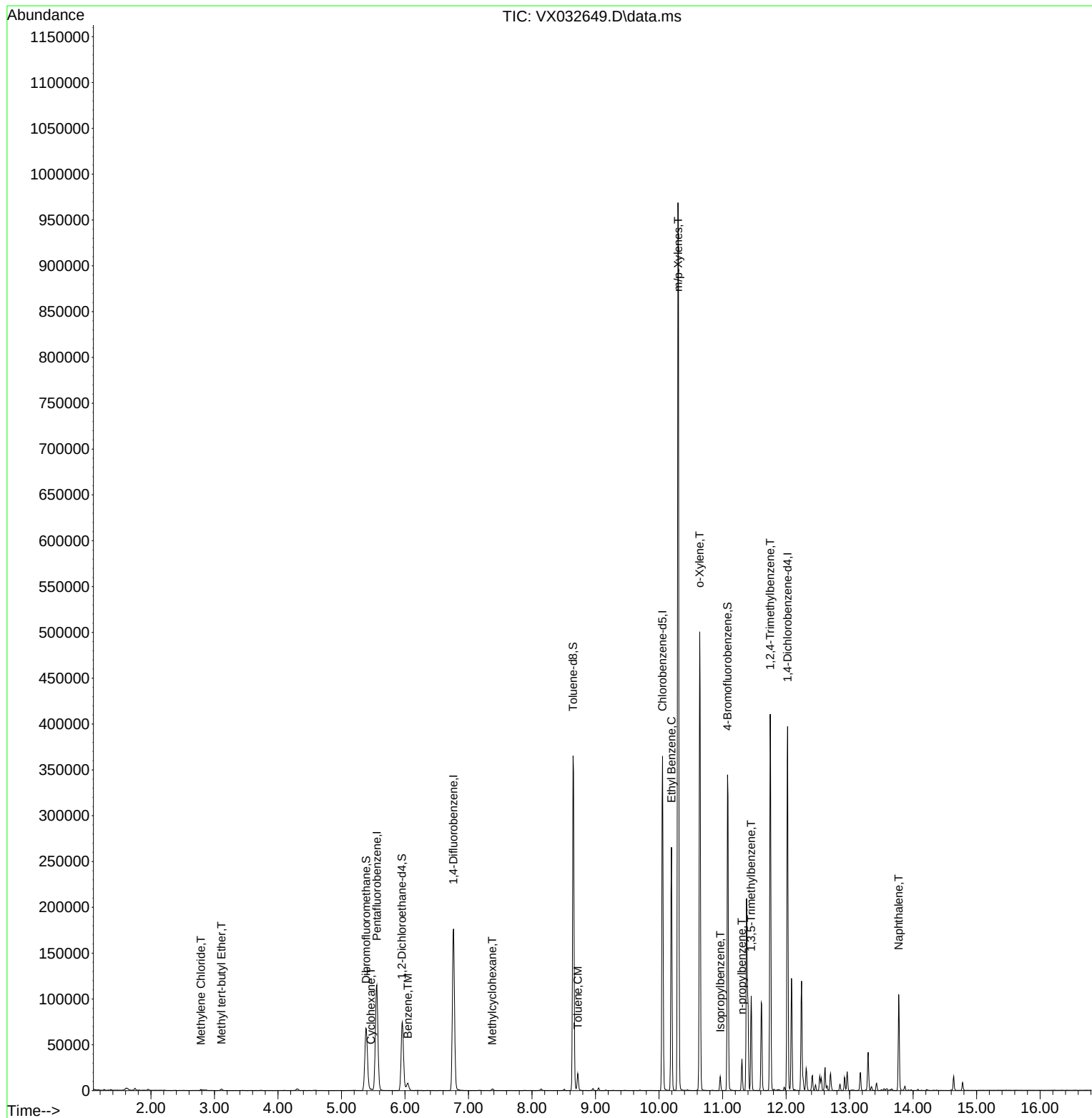
Internal Standards						
1) Pentafluorobenzene	5.556	168	108427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177876	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74330	49.337	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.680%		
35) Dibromofluoromethane	5.385	113	58058	45.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.647	98	215614	48.871	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	86030	49.919	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.840%		
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	1233	0.323	ug/l #	43
20) Methylene Chloride	2.788	84	438	0.349	ug/l #	87
31) Cyclohexane	5.464	56	785	0.430	ug/l #	83
39) Methylcyclohexane	7.373	83	794	0.380	ug/l #	93
40) Benzene	6.044	78	9203	1.841	ug/l #	88
52) Toluene	8.720	92	6418	1.967	ug/l	93
67) Ethyl Benzene	10.195	91	146001	22.664	ug/l	99
68) m/p-Xylenes	10.299	106	224142	89.604	ug/l	100
69) o-Xylene	10.640	106	104537	42.982	ug/l	98
73) Isopropylbenzene	10.963	105	7497	1.198	ug/l	100
78) n-propylbenzene	11.305	91	19711	2.734	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	43820	8.193	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	177187	33.309	ug/l	100
95) Naphthalene	13.774	128	63285	10.208	ug/l	100

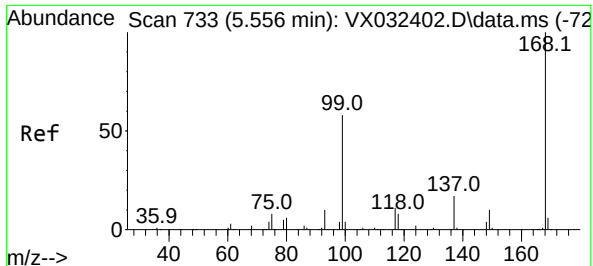
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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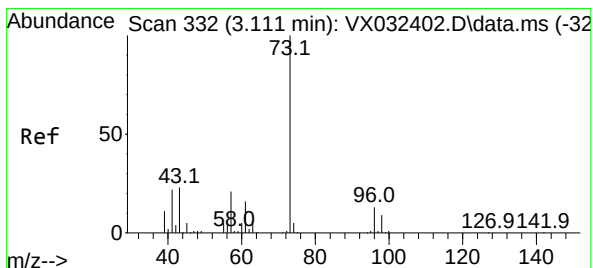
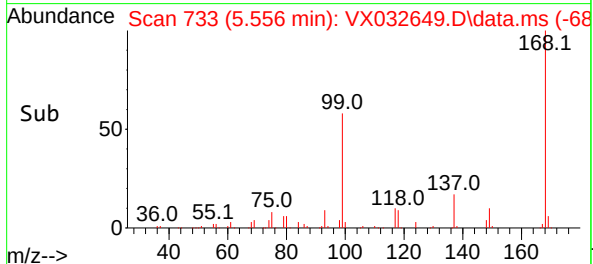
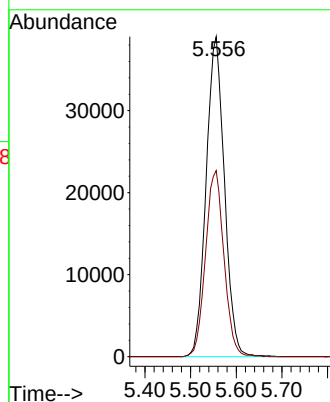
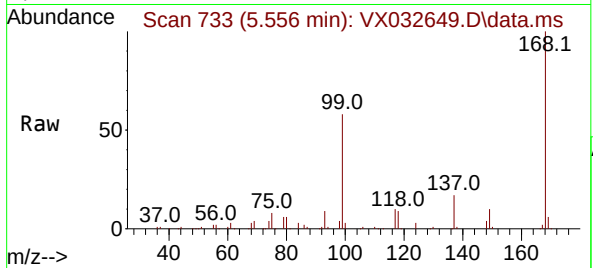




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

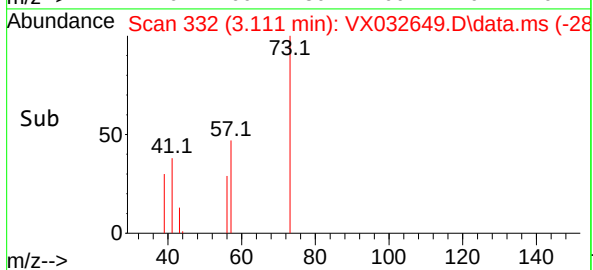
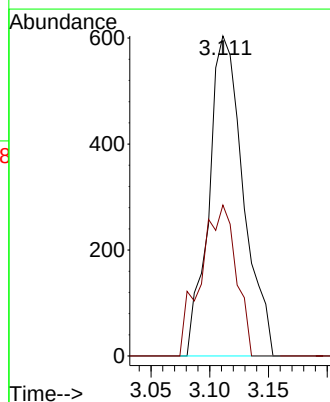
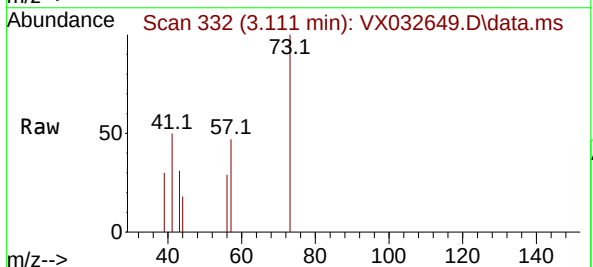
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

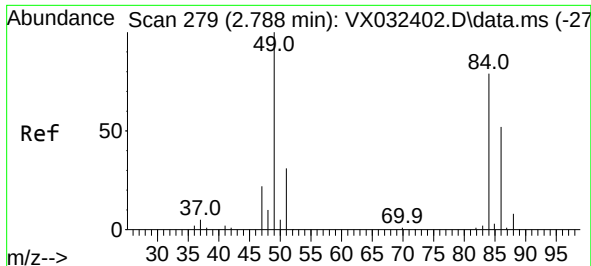
Tgt Ion:168 Resp: 108427
Ion Ratio Lower Upper
168 100
99 58.2 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 0.323 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion: 73 Resp: 1233
Ion Ratio Lower Upper
73 100
57 47.2 16.6 25.0#

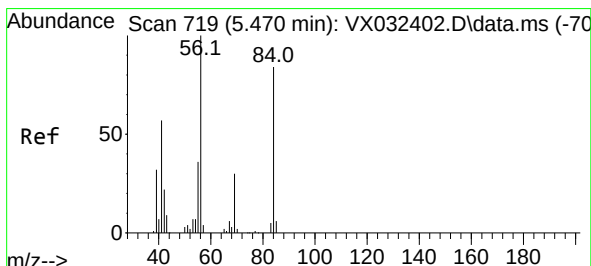
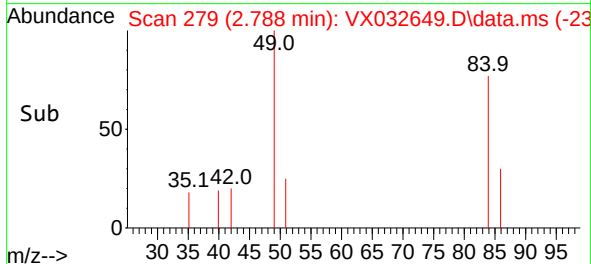
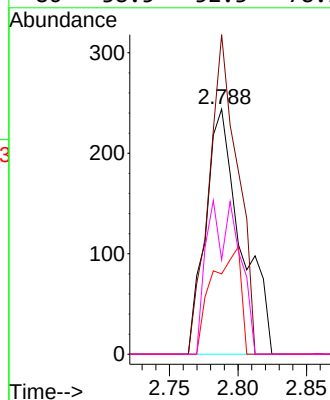
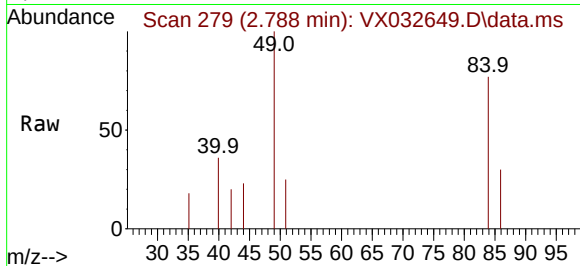




#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

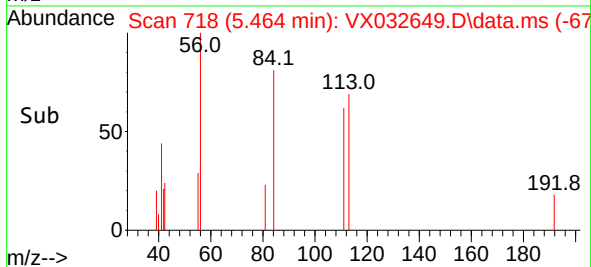
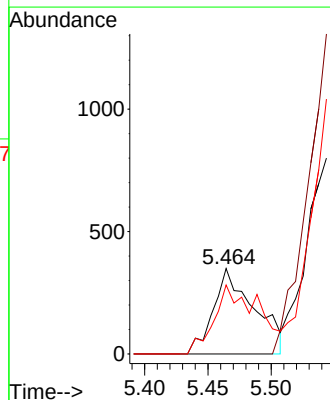
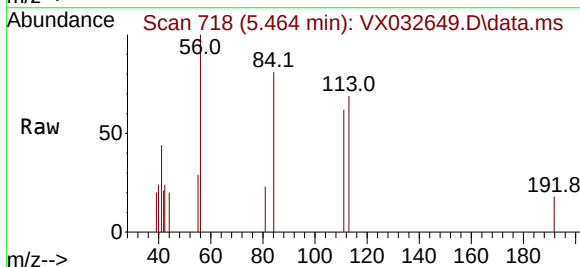
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

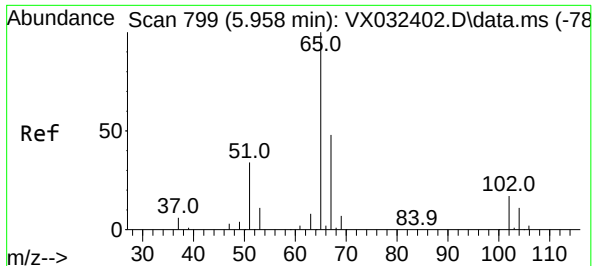
Tgt Ion:	84	Resp:	438
Ion	Ratio	Lower	Upper
84	100		
49	130.3	101.0	151.6
51	32.8	31.1	46.7
86	38.5	52.3	78.5#



#31
Cyclohexane
Concen: 0.430 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion:	56	Resp:	785
Ion	Ratio	Lower	Upper
56	100		
69	0.0	24.1	36.1#
84	80.8	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 49.337 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032649.D

Acq: 08 Nov 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

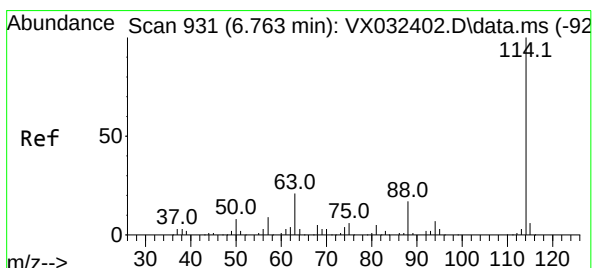
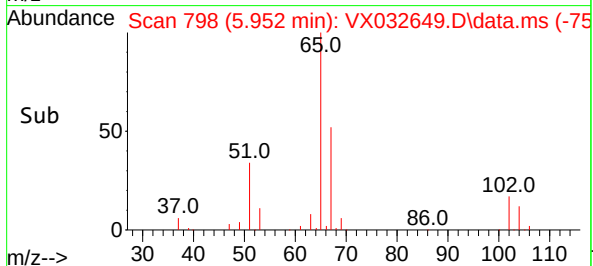
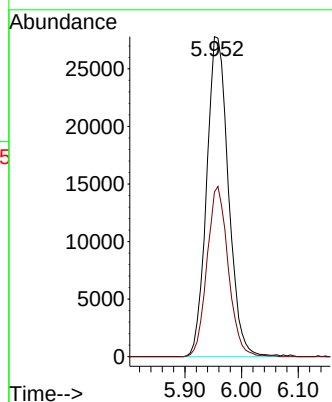
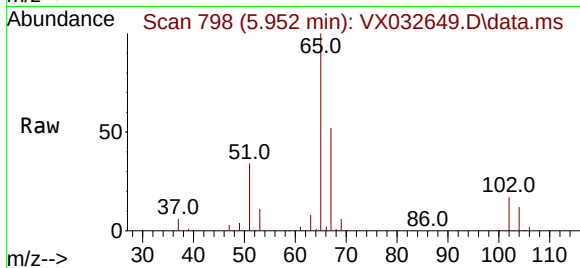
MW-08DL

Tgt Ion: 65 Resp: 74330

Ion Ratio Lower Upper

65 100

67 51.8 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: VX032649.D

Acq: 08 Nov 2022 13:20

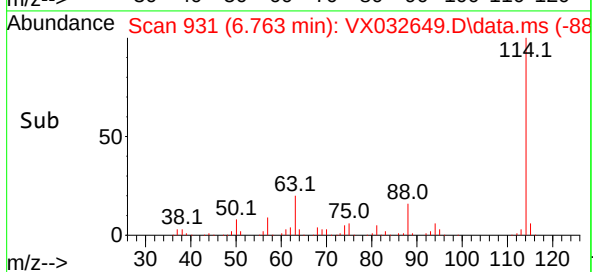
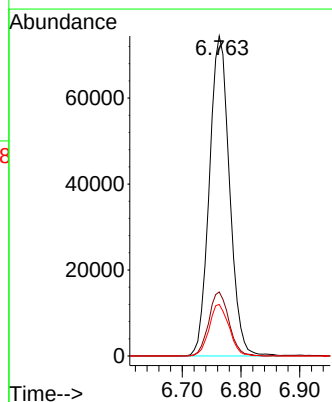
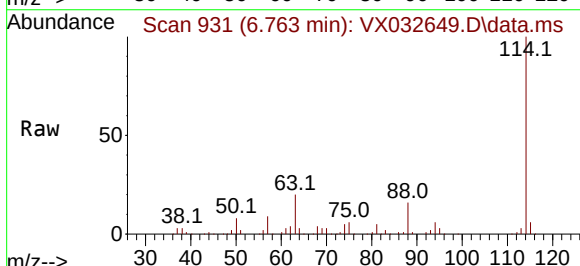
Tgt Ion: 114 Resp: 177876

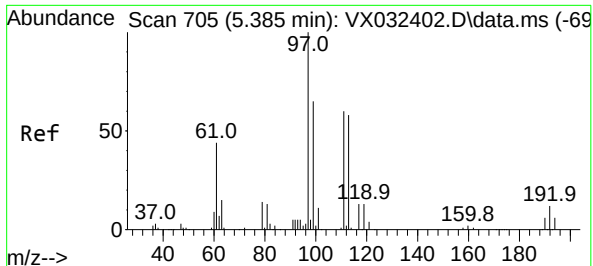
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 16.1 0.0 33.4

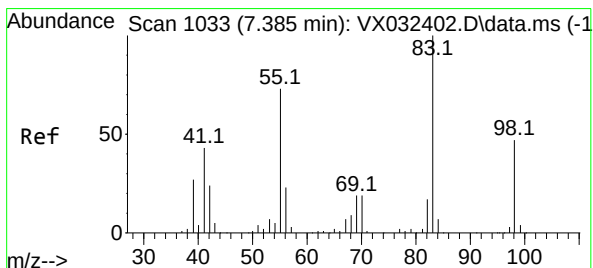
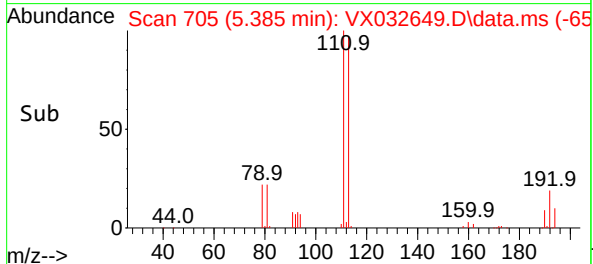
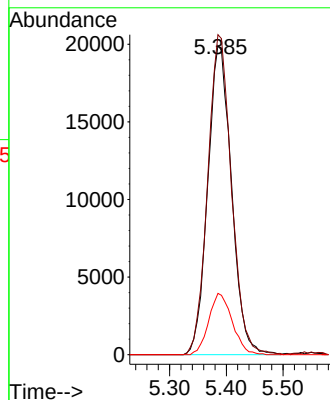
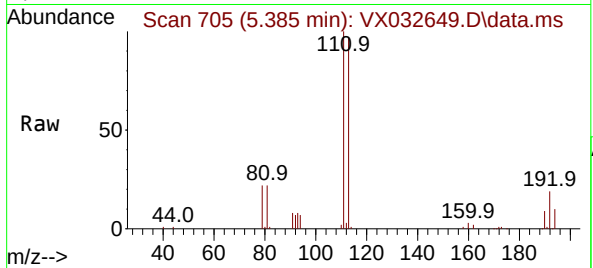




#35
Dibromofluoromethane
Concen: 45.758 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

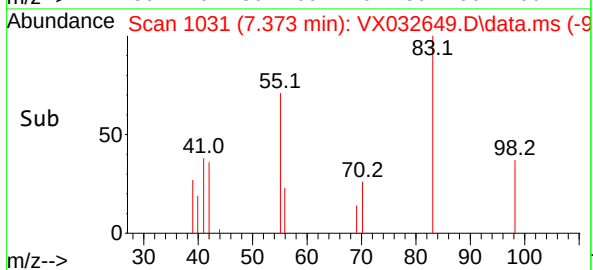
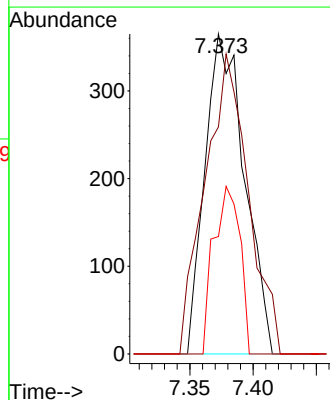
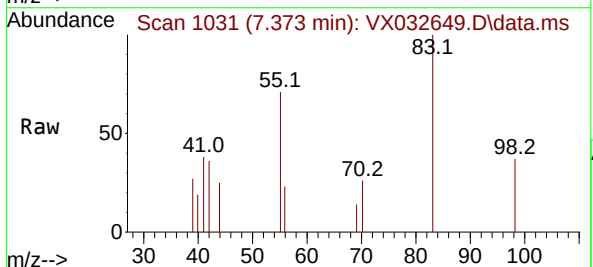
Instrument :
MSVOA_X
ClientSampleId :
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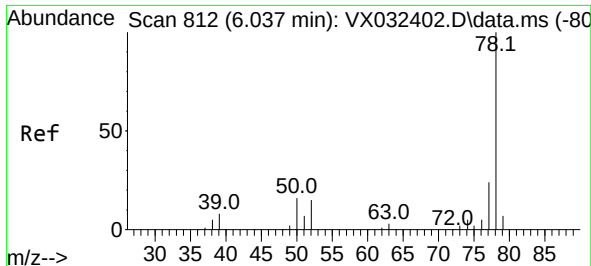
Tgt Ion:113 Resp: 58058
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.6 15.4 23.2



#39
Methylcyclohexane
Concen: 0.380 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion: 83 Resp: 794
Ion Ratio Lower Upper
83 100
55 71.0 58.4 87.6
98 36.7 37.2 55.8#

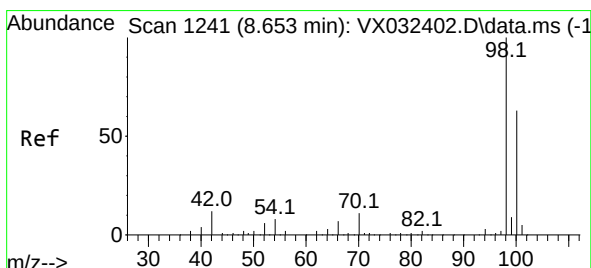
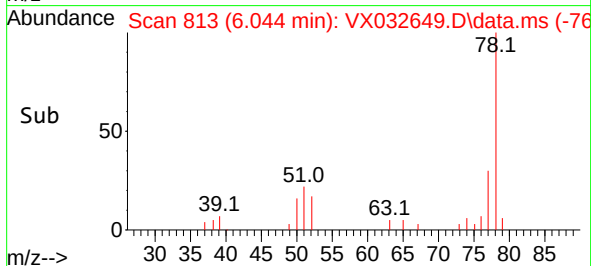
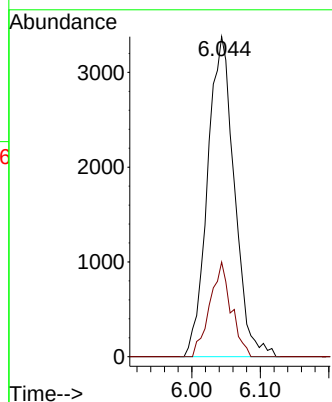
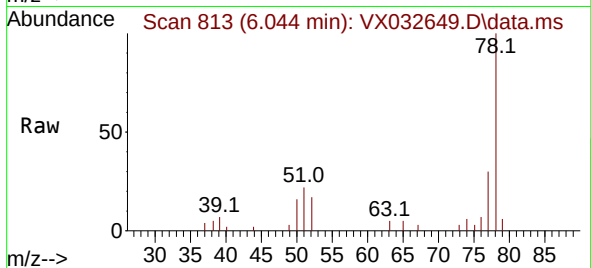




#40
Benzene
Concen: 1.841 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

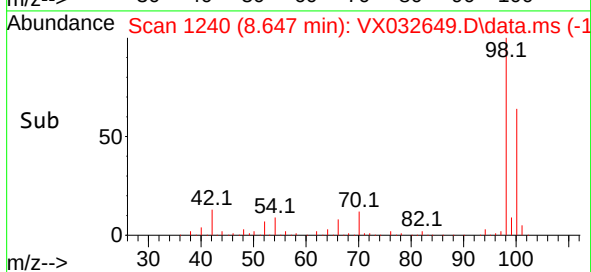
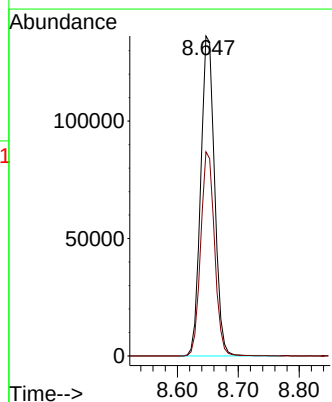
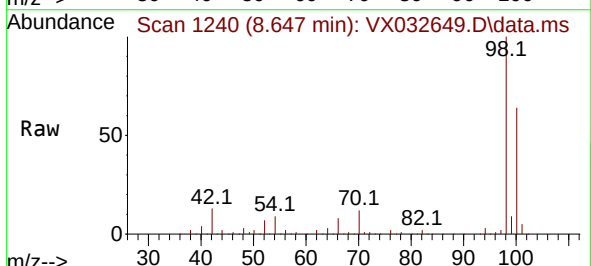
Instrument :
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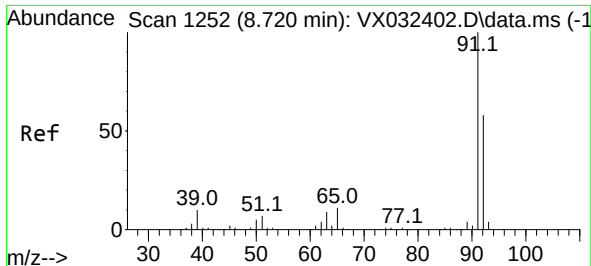
Tgt Ion: 78 Resp: 9203
Ion Ratio Lower Upper
78 100
77 29.6 19.0 28.4#



#50
Toluene-d8
Concen: 48.871 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion: 98 Resp: 215614
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

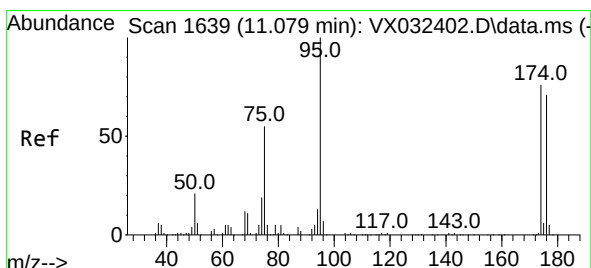
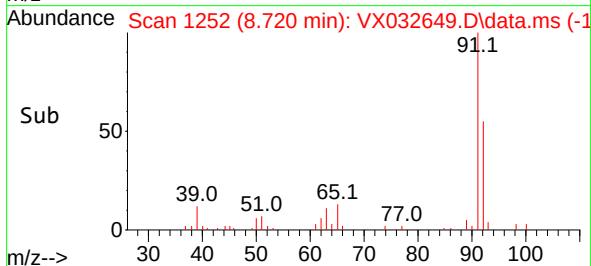
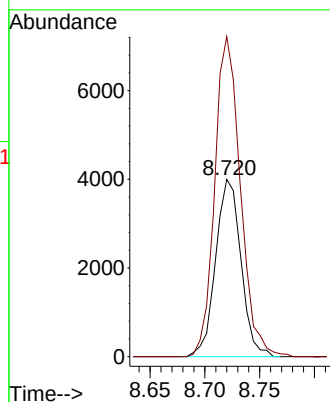
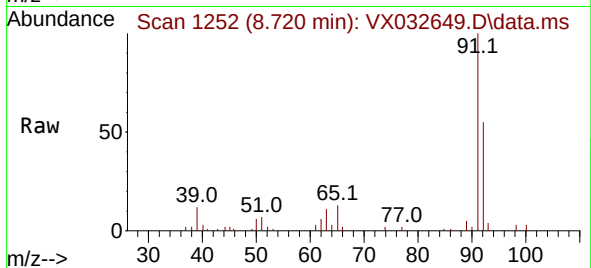




#52
Toluene
Concen: 1.967 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

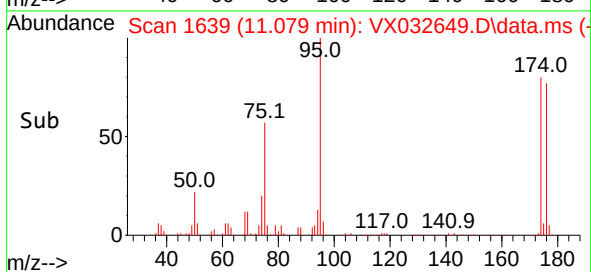
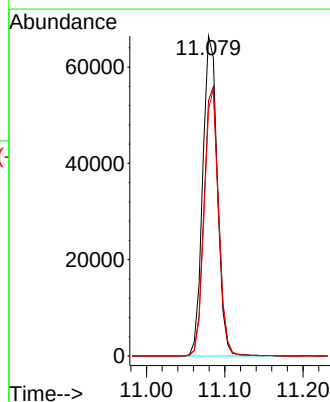
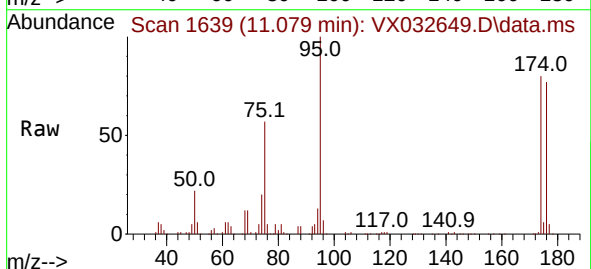
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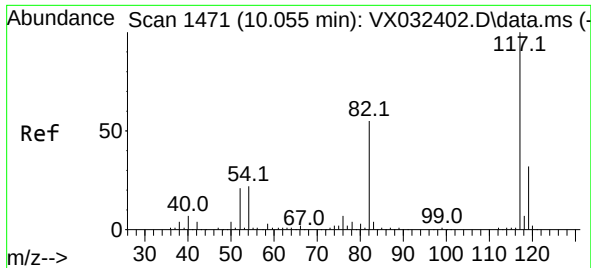
Tgt Ion: 92 Resp: 6418
Ion Ratio Lower Upper
92 100
91 183.0 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 49.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion: 95 Resp: 86030
Ion Ratio Lower Upper
95 100
174 84.0 0.0 164.0
176 81.5 0.0 154.4

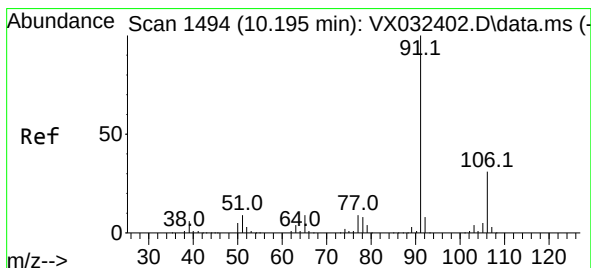
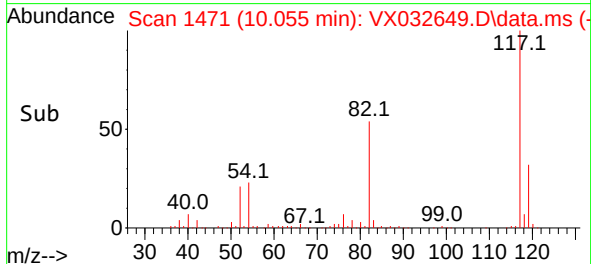
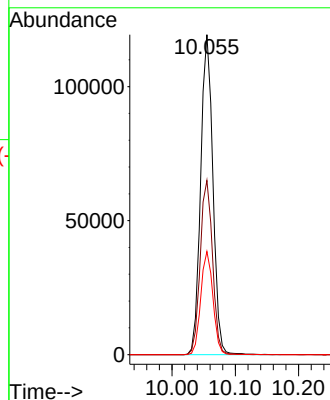
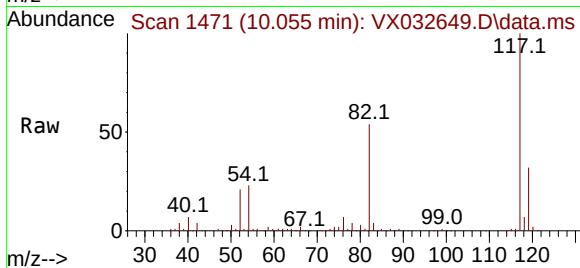




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

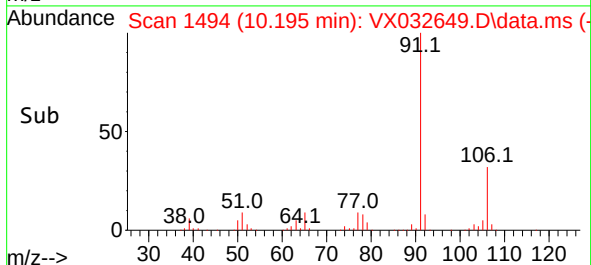
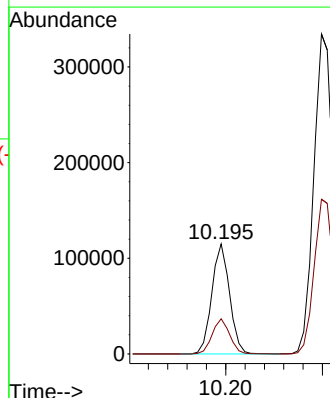
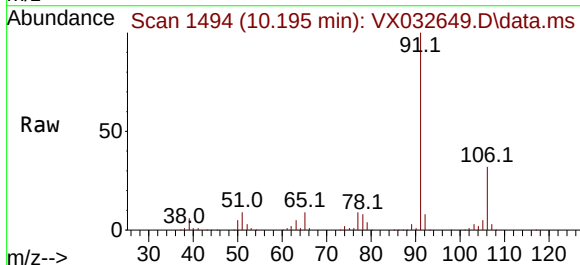
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

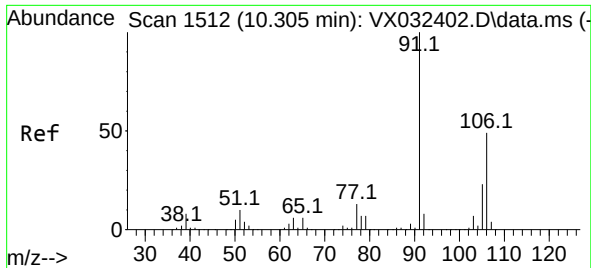
Tgt Ion:117 Resp: 160819
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.2 25.7 38.5



#67
Ethyl Benzene
Concen: 22.664 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion: 91 Resp: 146001
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.6

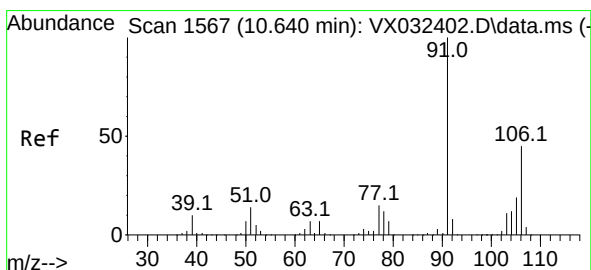
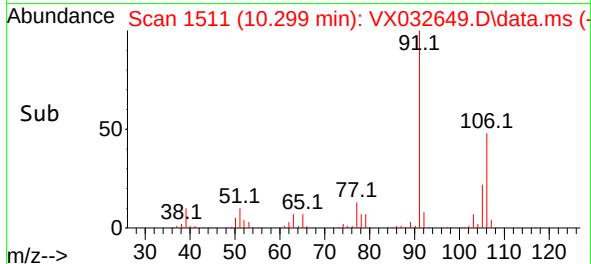
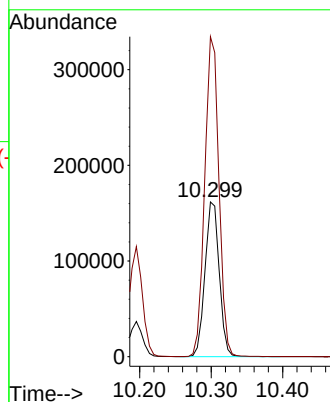
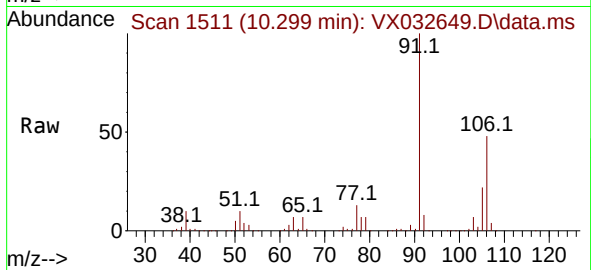




#68
m/p-Xylenes
Concen: 89.604 ug/l
RT: 10.299 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

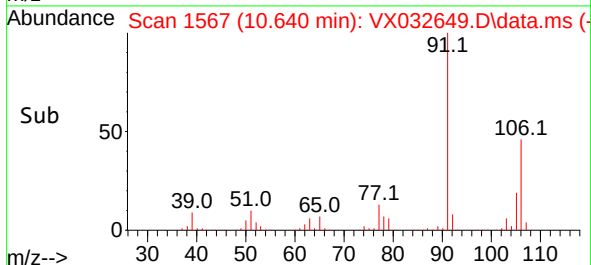
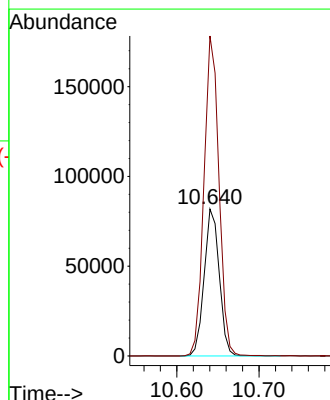
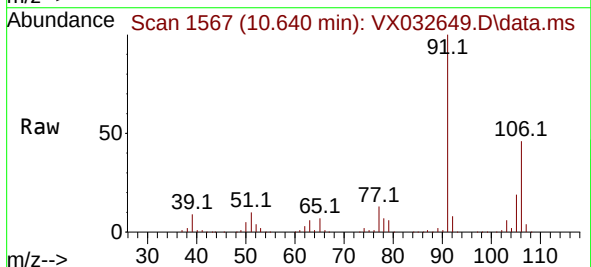
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

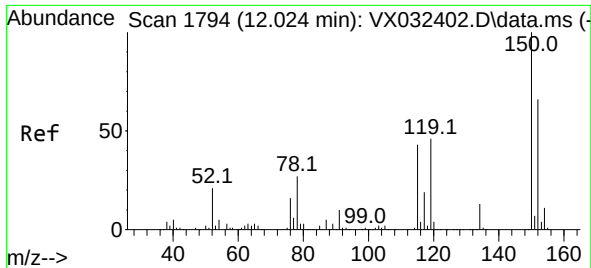
Tgt Ion:106 Resp: 224142
Ion Ratio Lower Upper
106 100
91 205.7 164.5 246.7



#69
o-Xylene
Concen: 42.982 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion:106 Resp: 104537
Ion Ratio Lower Upper
106 100
91 215.8 109.2 327.6

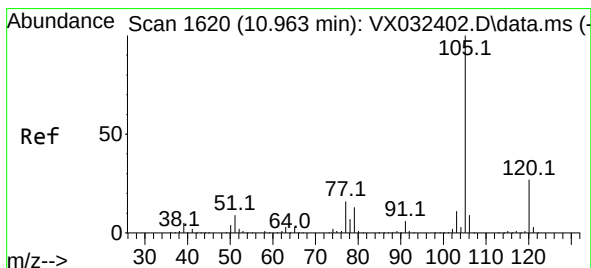
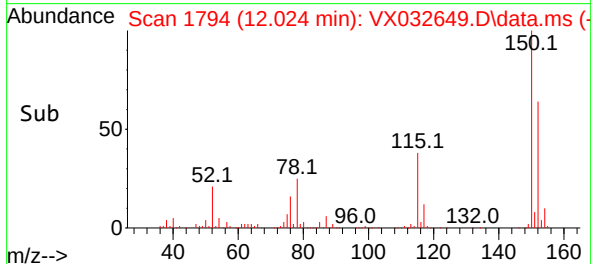
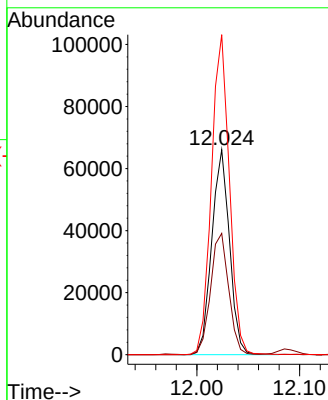
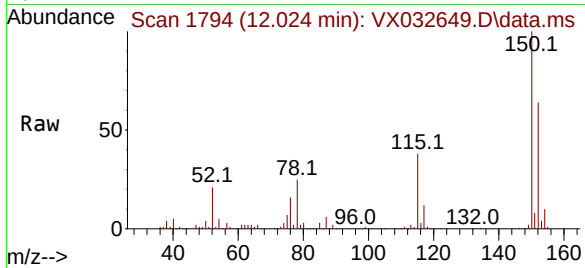




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX032649.D
 Acq: 08 Nov 2022 13:20

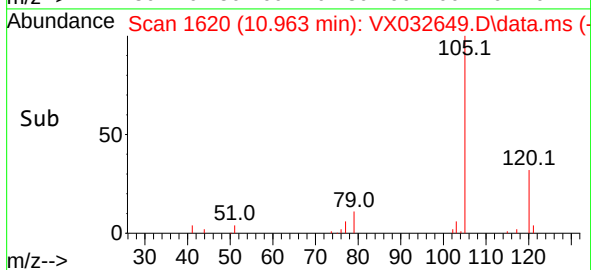
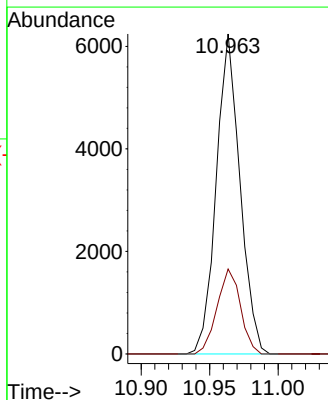
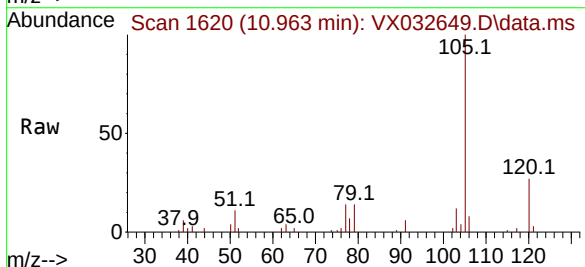
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08DL

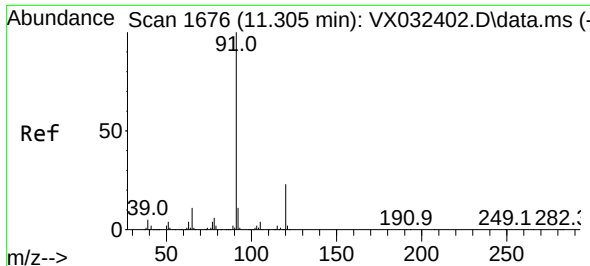
Tgt Ion:152 Resp: 78971
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.0 132.0
 150 158.3 0.0 351.8



#73
 Isopropylbenzene
 Concen: 1.198 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX032649.D
 Acq: 08 Nov 2022 13:20

Tgt Ion:105 Resp: 7497
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.1 39.3

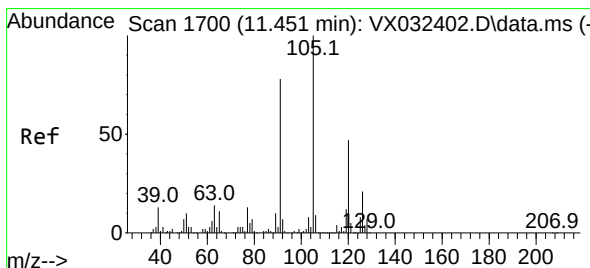
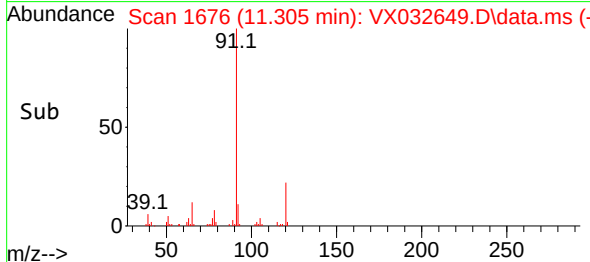
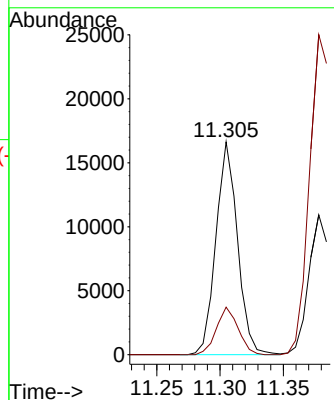
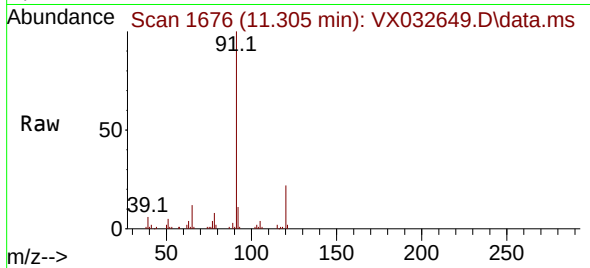




#78
n-propylbenzene
Concen: 2.734 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

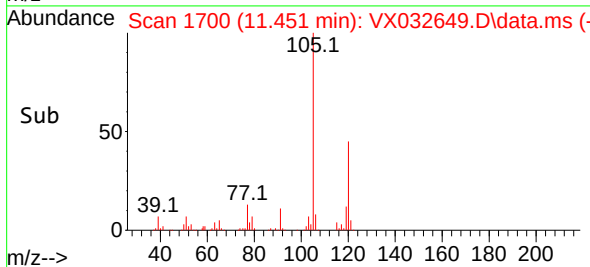
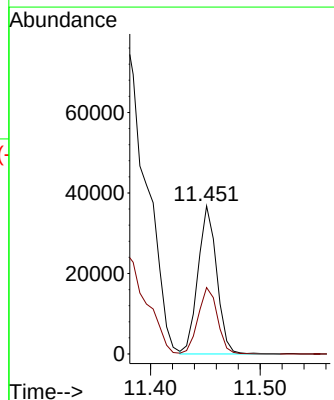
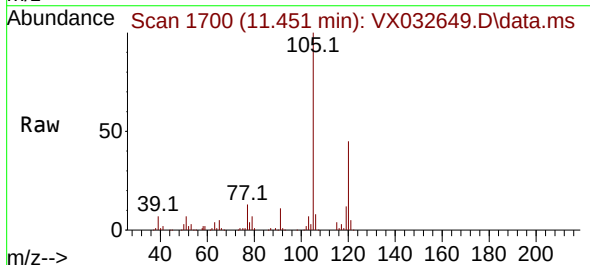
Instrument :
MSVOA_X
ClientSampleId :
MW-08DL

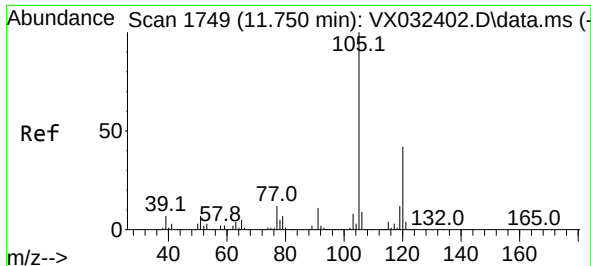
Tgt Ion: 91 Resp: 19711
Ion Ratio Lower Upper
91 100
120 22.4 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 8.193 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032649.D
Acq: 08 Nov 2022 13:20

Tgt Ion: 105 Resp: 43820
Ion Ratio Lower Upper
105 100
120 46.0 23.6 71.0

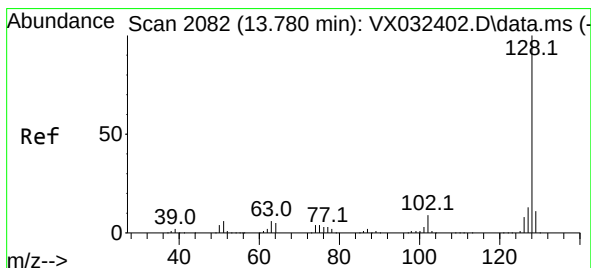
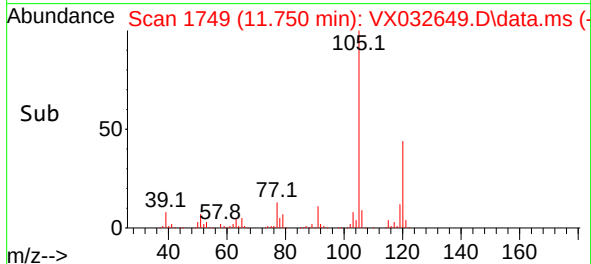
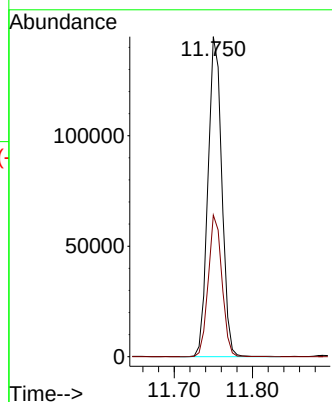
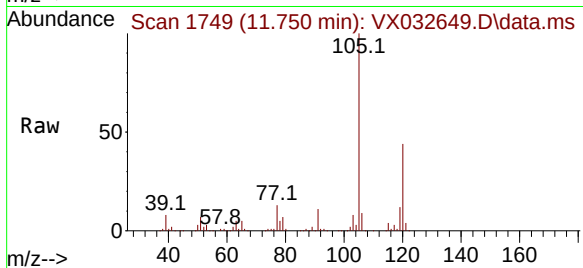




#84
 1,2,4-Trimethylbenzene
 Concen: 33.309 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX032649.D
 Acq: 08 Nov 2022 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08DL

Tgt Ion:105 Resp: 177187
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.5



#95
 Naphthalene
 Concen: 10.208 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VX032649.D
 Acq: 08 Nov 2022 13:20

Tgt Ion:128 Resp: 63285
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.4
 129 11.1 8.9 13.3

