

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030304.D
 Acq On : 29 Jul 2022 15:45
 Operator : JC/MD
 Sample : N3861-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Aug 01 05:14:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

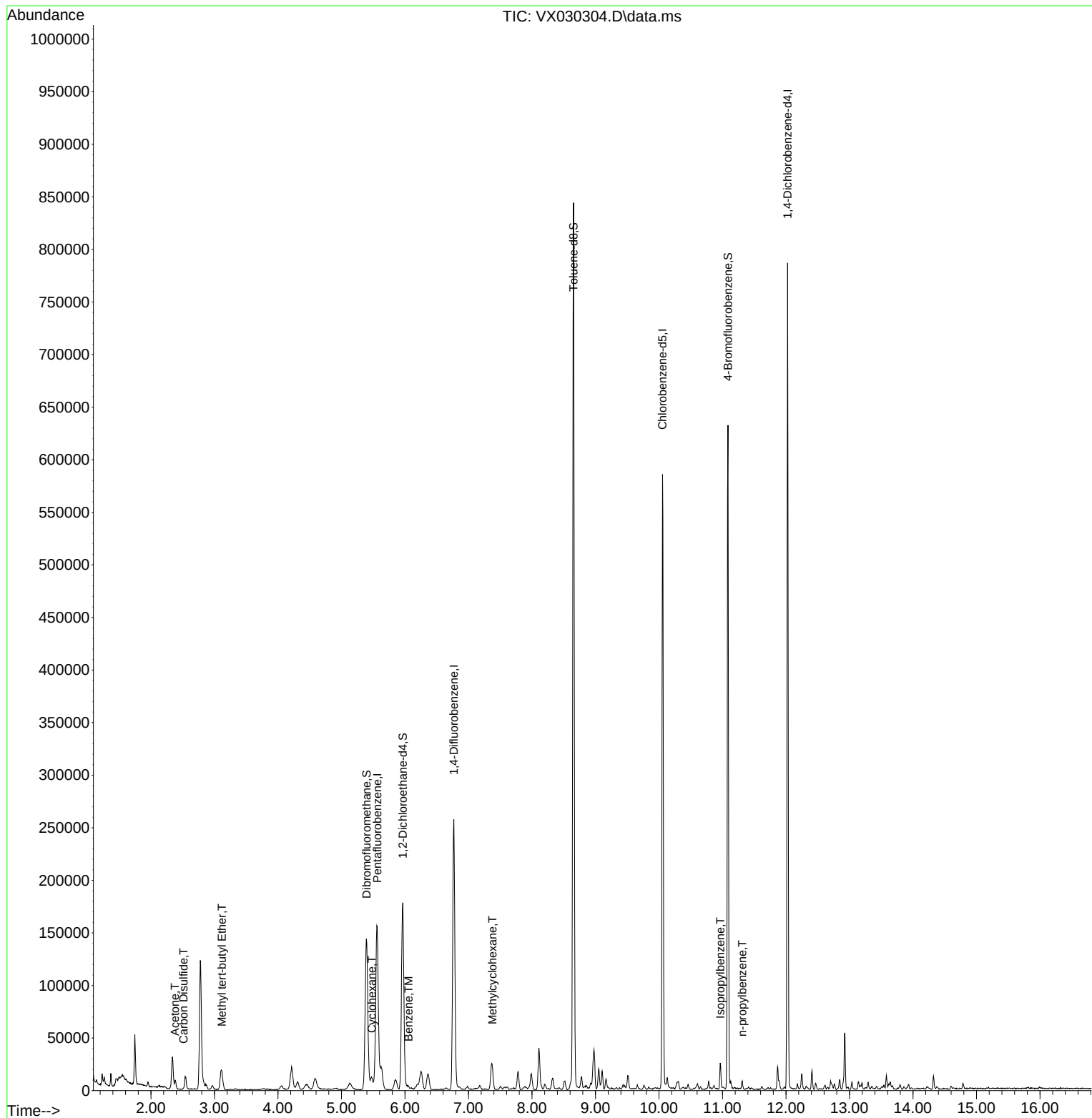
Internal Standards						
1) Pentafluorobenzene	5.562	168	146718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164733	55.862	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.720%
35) Dibromofluoromethane	5.397	113	127578	51.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.560%
50) Toluene-d8	8.653	98	493599	51.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.460%
62) 4-Bromofluorobenzene	11.085	95	172032	48.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	8637	5.721	ug/l	91
17) Carbon Disulfide	2.514	76	1785	0.289	ug/l #	81
19) Methyl tert-butyl Ether	3.117	73	11036	1.406	ug/l #	33
31) Cyclohexane	5.477	56	7467	1.744	ug/l	94
39) Methylcyclohexane	7.379	83	4869	1.064	ug/l #	67
40) Benzene	6.056	78	3301	0.296	ug/l	98
73) Isopropylbenzene	10.964	105	11489	0.990	ug/l	97
78) n-propylbenzene	11.311	91	4678	0.338	ug/l	98

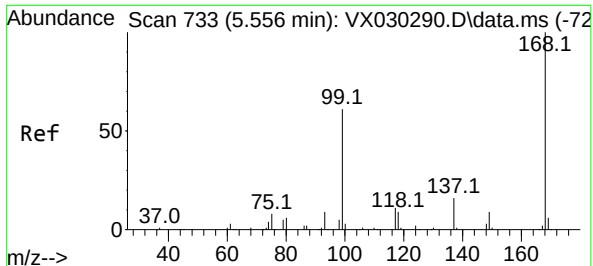
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 01 05:14:30 2022
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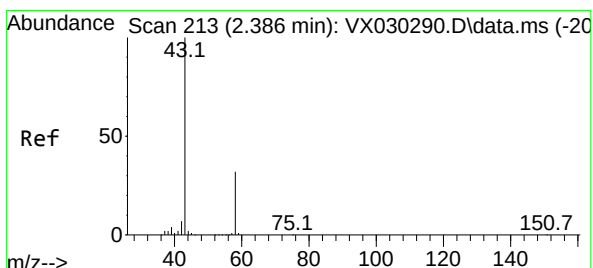
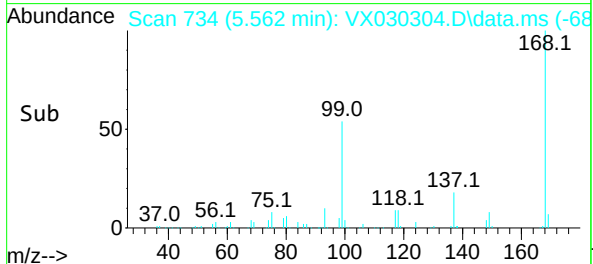
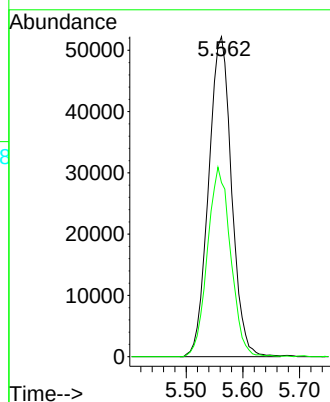
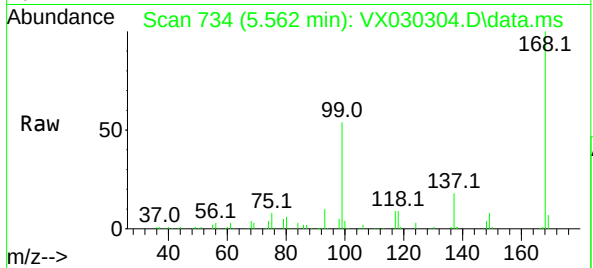




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

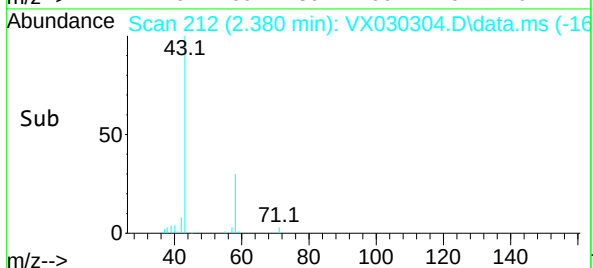
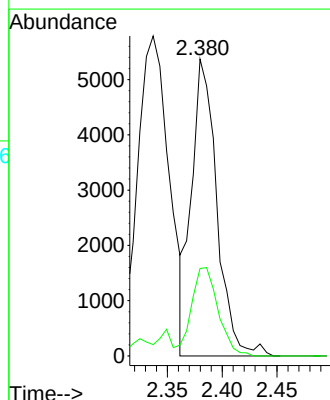
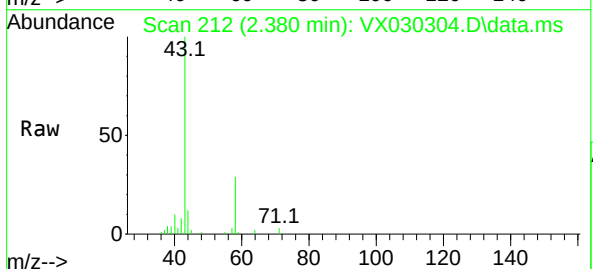
Instrument :
MSVOA_X
ClientSampleId :
MW-2

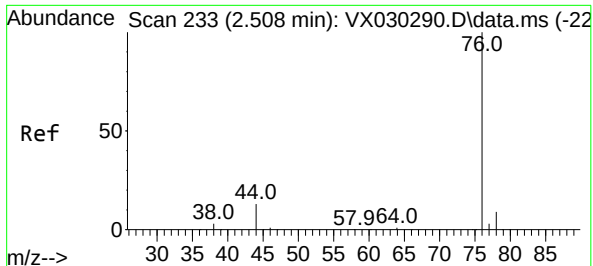
Tgt Ion:168 Resp: 146718
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#16
Acetone
Concen: 5.721 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.005 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 43 Resp: 8637
Ion Ratio Lower Upper
43 100
58 29.5 27.7 41.5

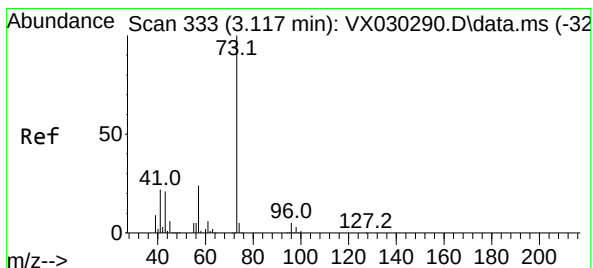
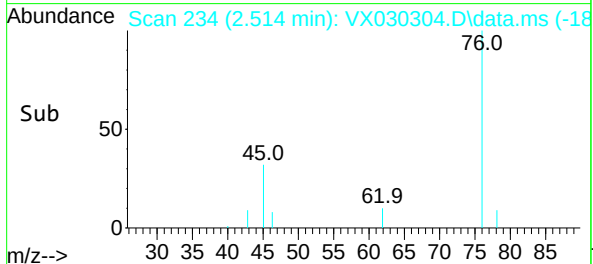
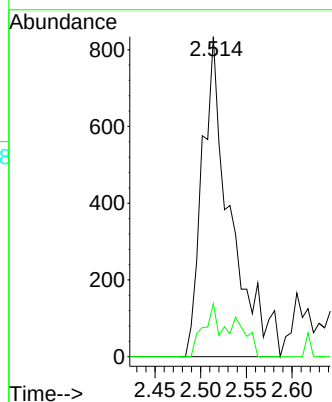
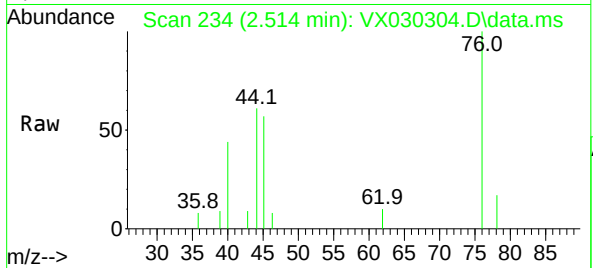




#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

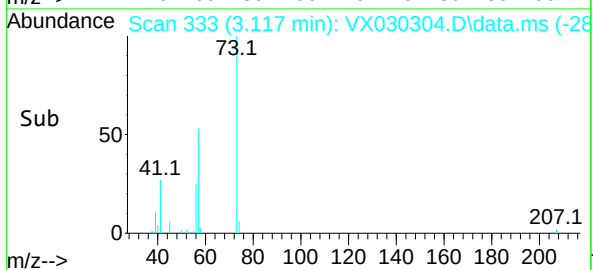
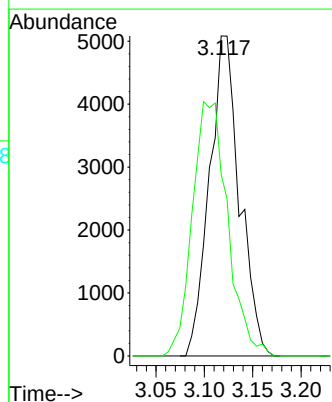
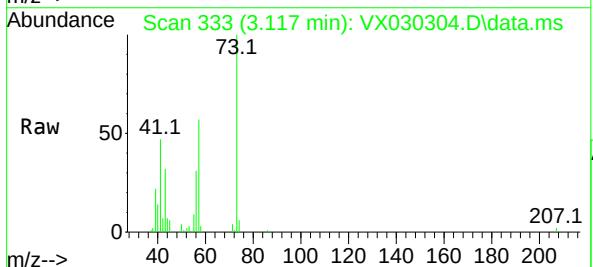
Instrument :
MSVOA_X
ClientSampleId :
MW-2

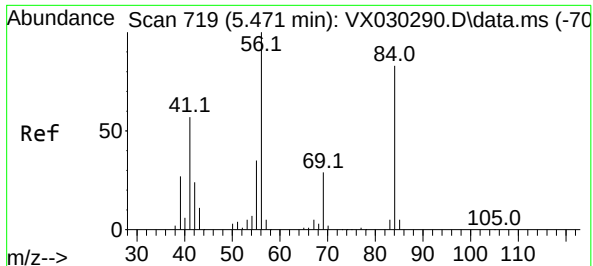
Tgt Ion: 76 Resp: 1785
Ion Ratio Lower Upper
76 100
78 16.5 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 1.406 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 73 Resp: 11036
Ion Ratio Lower Upper
73 100
57 56.8 19.0 28.6#

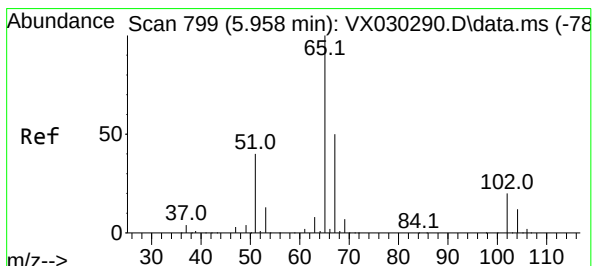
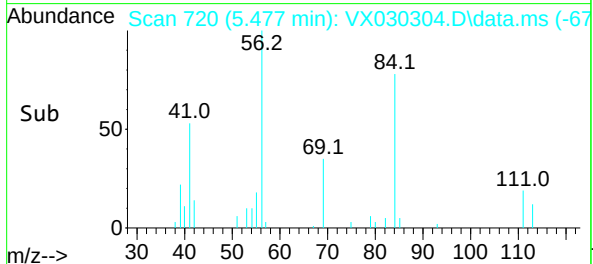
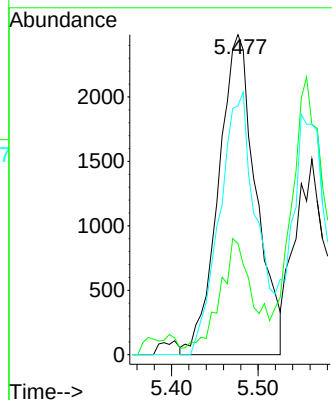
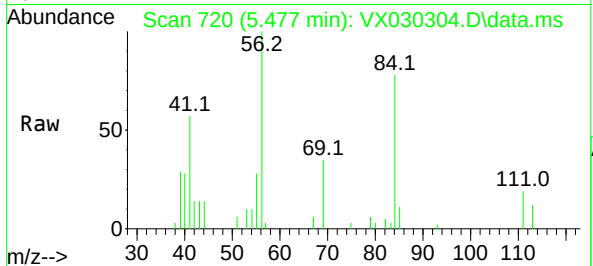




#31
Cyclohexane
Concen: 1.744 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

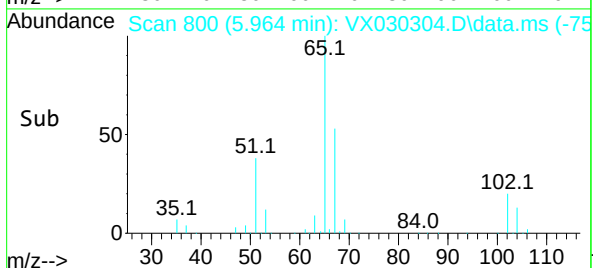
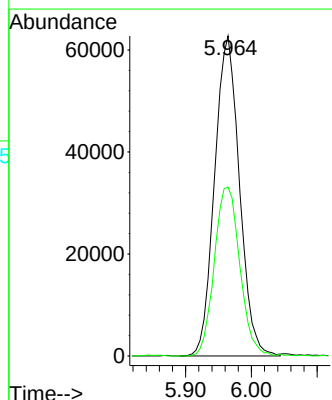
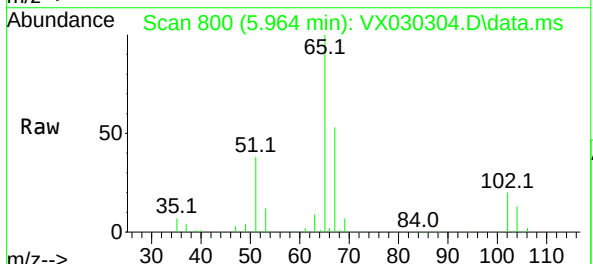
Instrument :
MSVOA_X
ClientSampleId :
MW-2

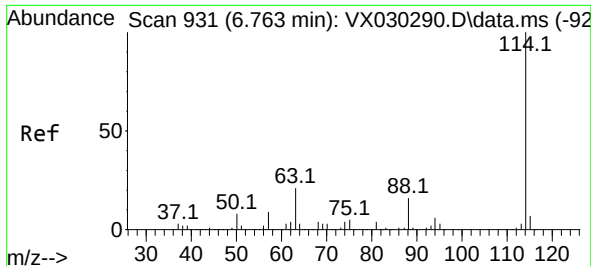
Tgt Ion:	56	Resp:	7467
Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.4	38.0
84	79.6	68.9	103.3



#33
1,2-Dichloroethane-d4
Concen: 55.862 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:	65	Resp:	164733
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.6

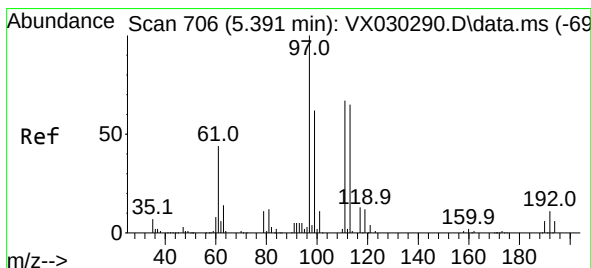
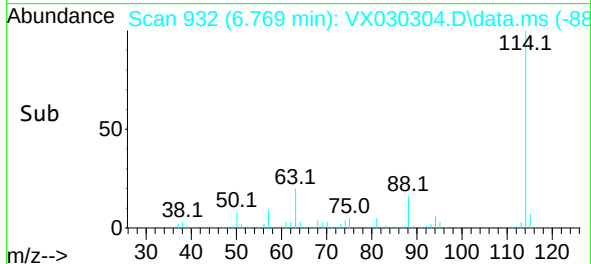
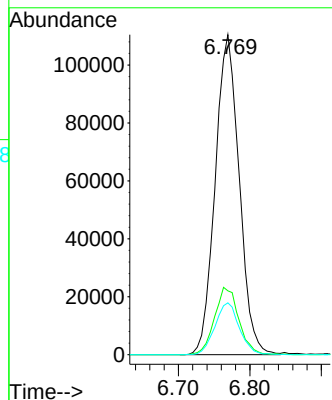
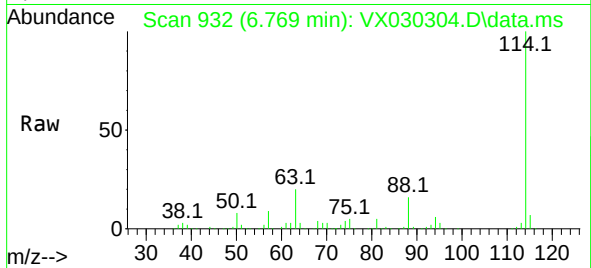




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

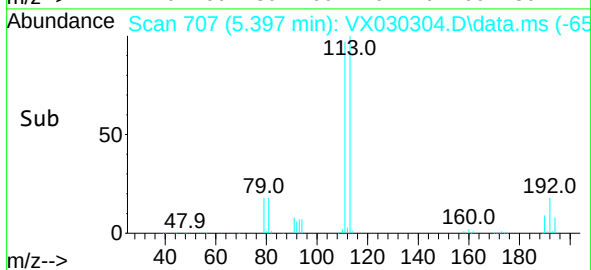
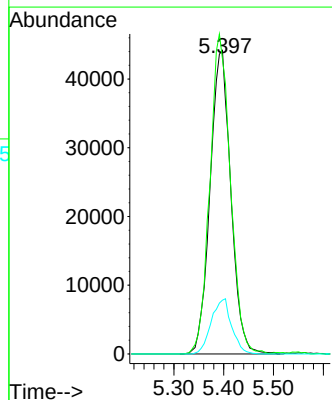
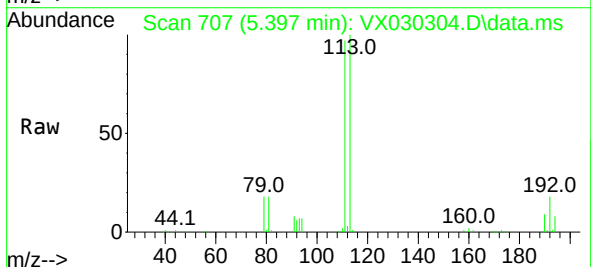
Instrument :
MSVOA_X
ClientSampleId :
MW-2

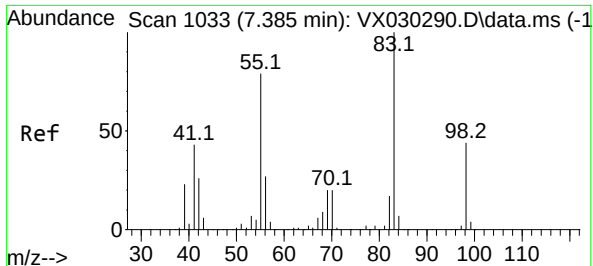
Tgt Ion:114 Resp: 257733
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.781 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:113 Resp: 127578
Ion Ratio Lower Upper
113 100
111 104.7 83.2 124.8
192 17.8 14.8 22.2





#39

Methylcyclohexane

Concen: 1.064 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.005 min

Lab File: VX030304.D

Acq: 29 Jul 2022 15:45

Instrument :

MSVOA_X

ClientSampleId :

MW-2

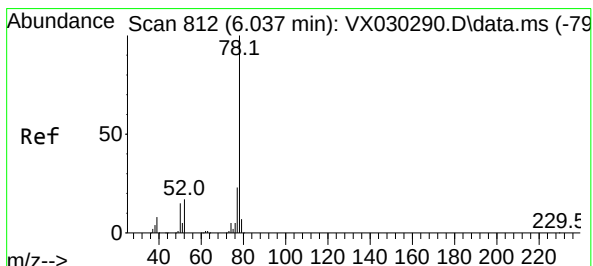
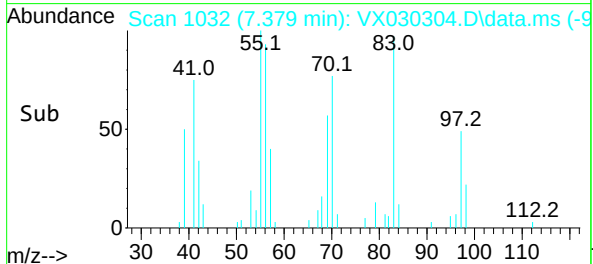
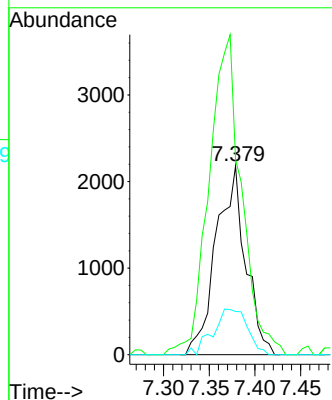
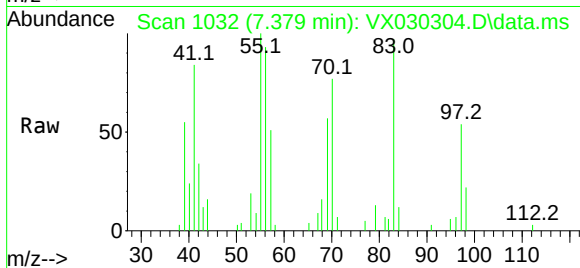
Tgt Ion: 83 Resp: 4869

Ion Ratio Lower Upper

83 100

55 98.5 57.7 86.5#

98 22.8 36.5 54.7#



#40

Benzene

Concen: 0.296 ug/l

RT: 6.056 min Scan# 815

Delta R.T. 0.013 min

Lab File: VX030304.D

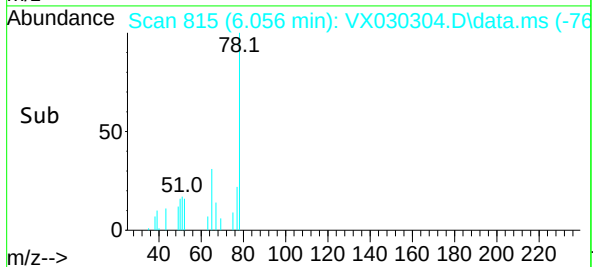
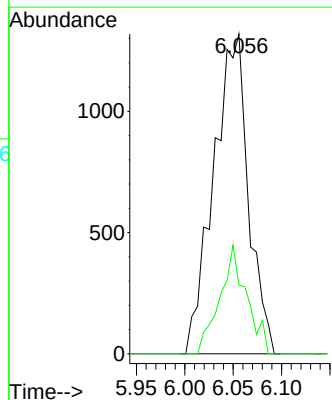
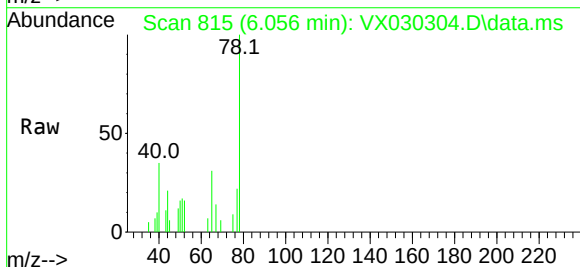
Acq: 29 Jul 2022 15:45

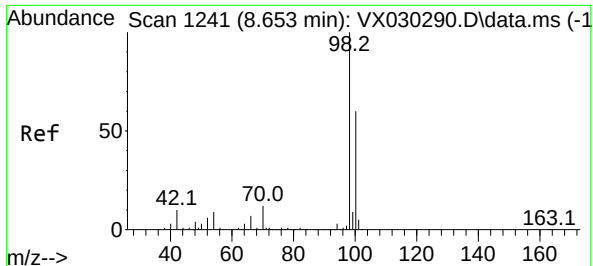
Tgt Ion: 78 Resp: 3301

Ion Ratio Lower Upper

78 100

77 21.5 18.0 27.0

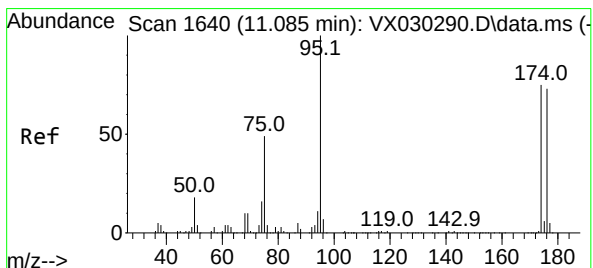
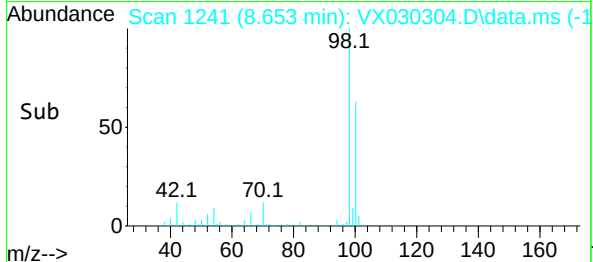
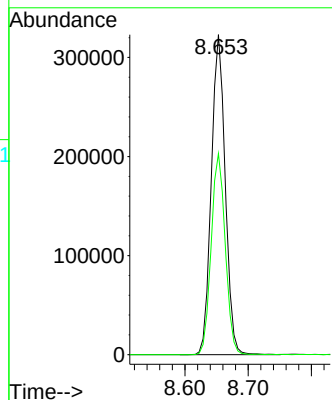
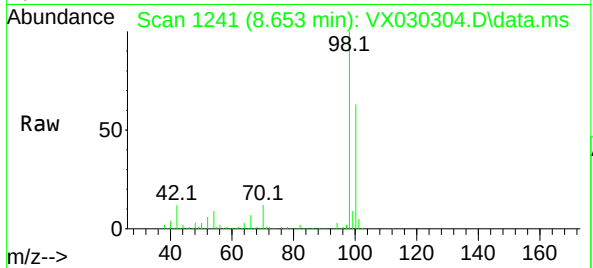




#50
Toluene-d8
Concen: 51.732 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

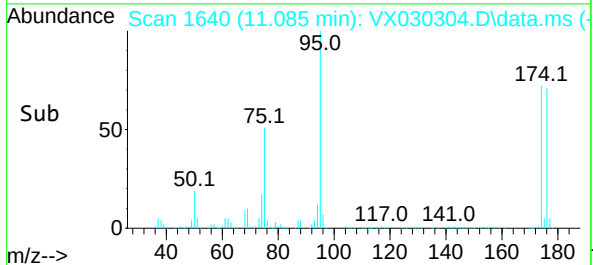
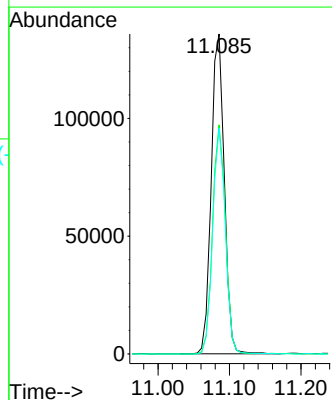
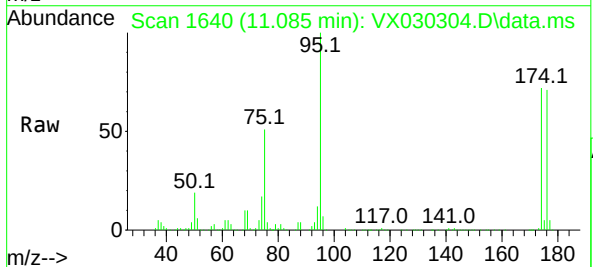
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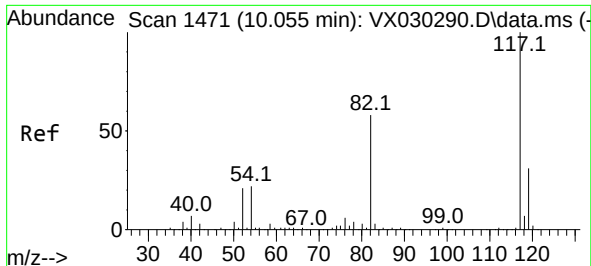
Tgt Ion: 98 Resp: 493599
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.582 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 95 Resp: 172032
Ion Ratio Lower Upper
95 100
174 70.7 0.0 149.0
176 68.3 0.0 146.0

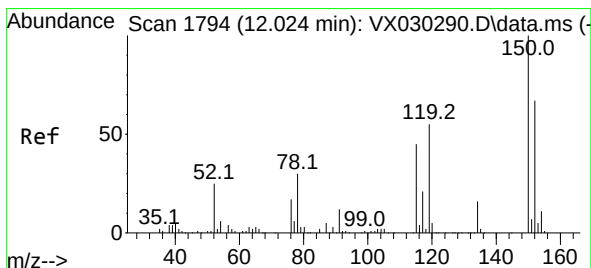
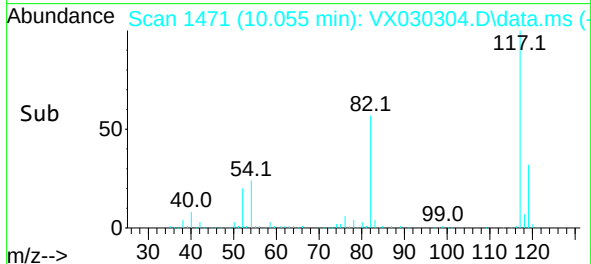
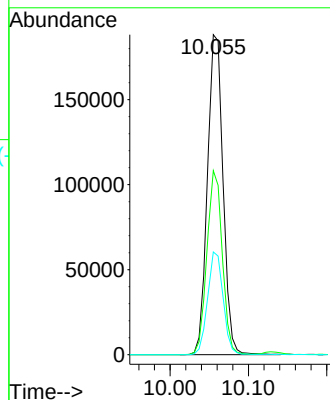
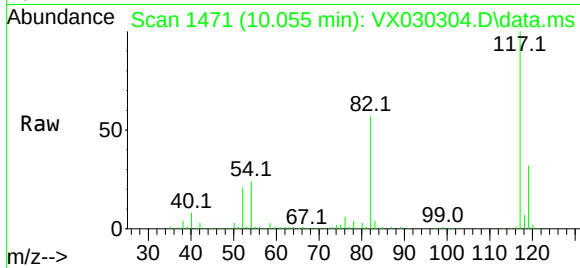




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

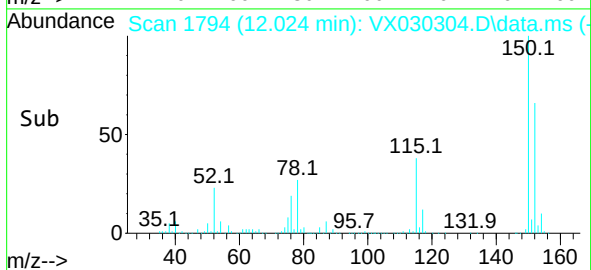
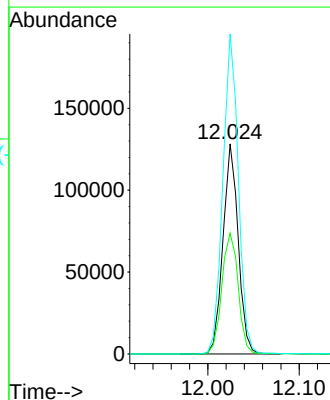
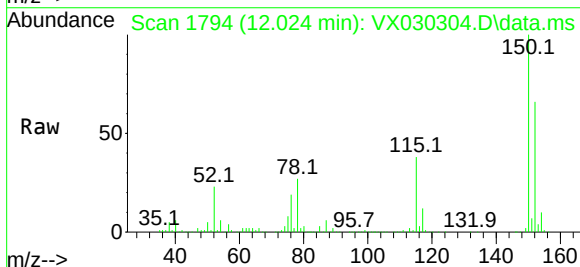
Instrument :
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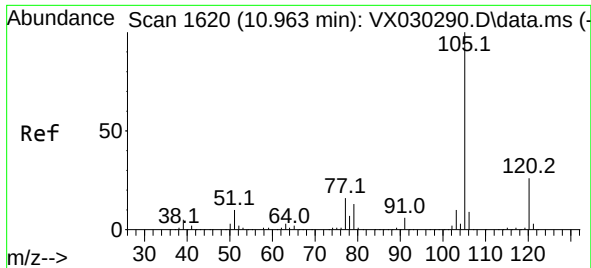
Tgt Ion:117 Resp: 260402
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion:152 Resp: 148690
Ion Ratio Lower Upper
152 100
115 61.8 40.5 121.5
150 155.3 0.0 347.0

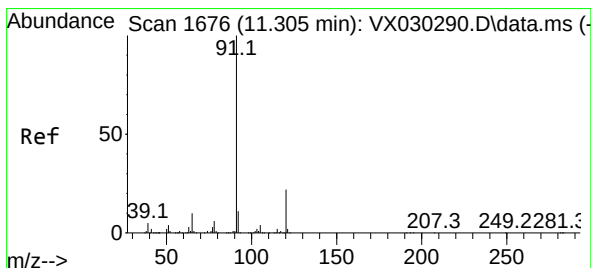
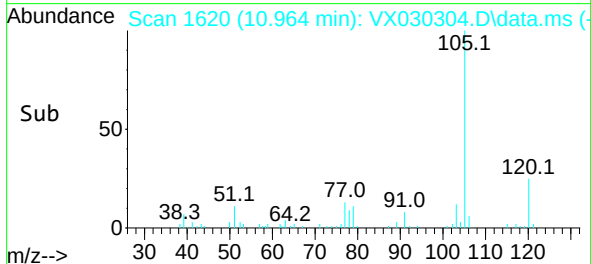
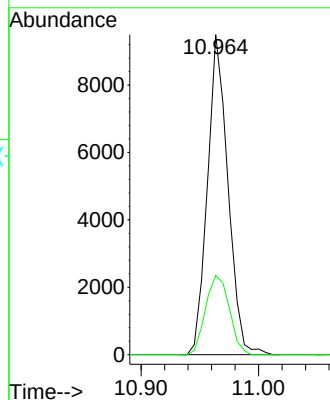
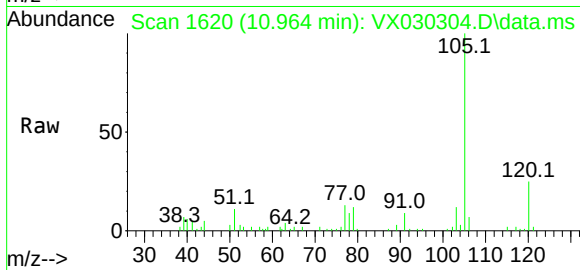




#73
Isopropylbenzene
Concen: 0.990 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:105 Resp: 11489
Ion Ratio Lower Upper
105 100
120 28.7 13.5 40.4



#78
n-propylbenzene
Concen: 0.338 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.001 min
Lab File: VX030304.D
Acq: 29 Jul 2022 15:45

Tgt Ion: 91 Resp: 4678
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8

