

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033049.D
 Acq On : 24 Nov 2022 09:07
 Operator : JC/MD
 Sample : N5742-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43

Quant Time: Nov 25 06:38:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

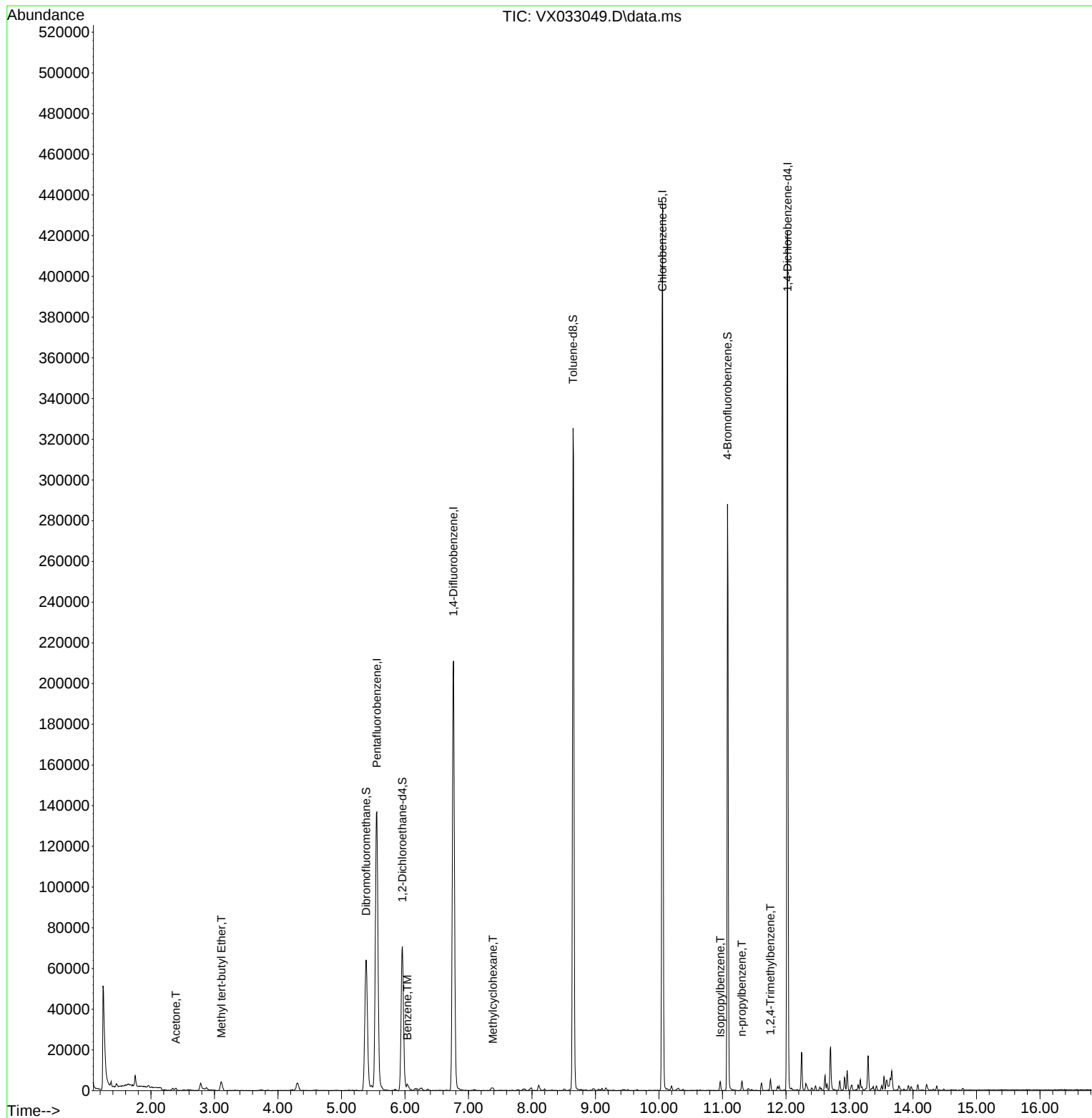
Internal Standards						
1) Pentafluorobenzene	5.556	168	131348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70801	55.509	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.020%
35) Dibromofluoromethane	5.385	113	56464	47.062	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.647	98	192706	53.535	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.060%
62) 4-Bromofluorobenzene	11.079	95	69743	44.252	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.500%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	1606	2.688	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	1845	0.464	ug/l #	1
39) Methylcyclohexane	7.385	83	614	0.281	ug/l #	86
40) Benzene	6.038	78	3266	0.607	ug/l	95
73) Isopropylbenzene	10.964	105	2368	0.371	ug/l	99
78) n-propylbenzene	11.305	91	3326	0.456	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	2446	0.458	ug/l	94

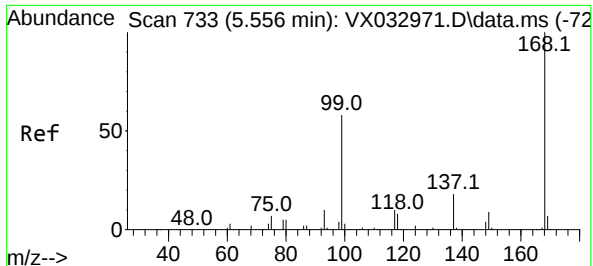
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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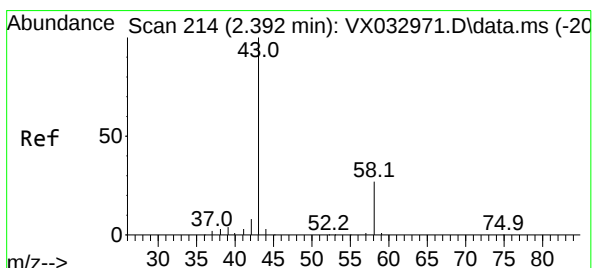
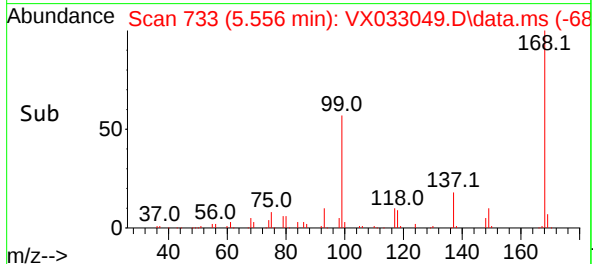
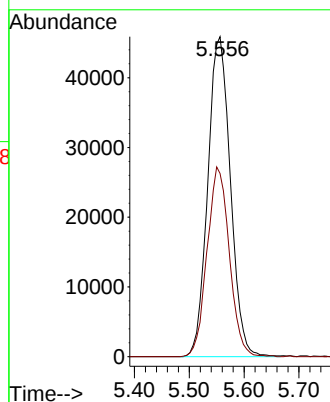
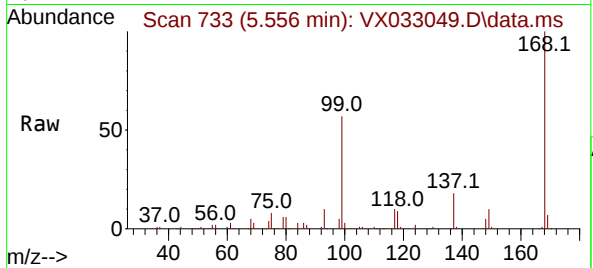




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

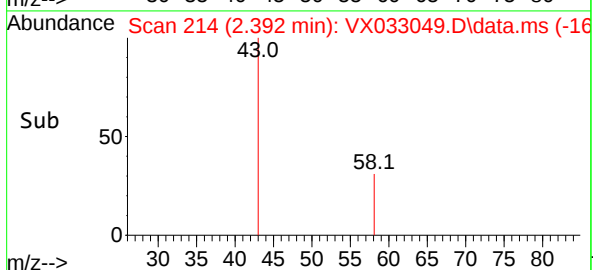
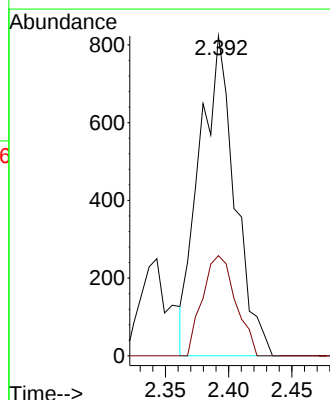
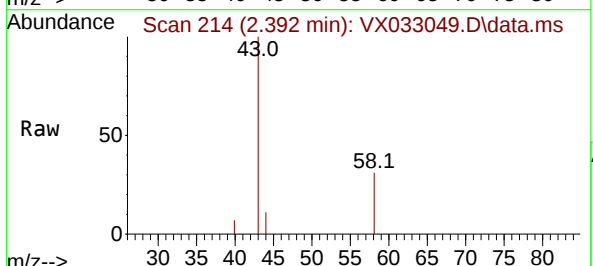
Instrument :
MSVOA_X
ClientSampleId :
MW-43

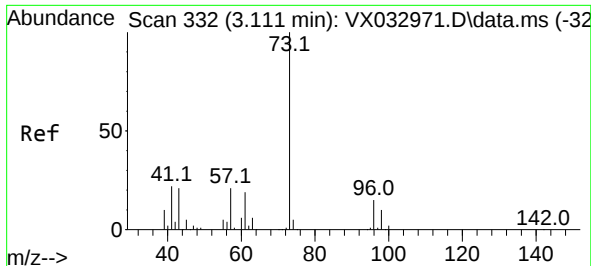
Tgt Ion:168 Resp: 131348
Ion Ratio Lower Upper
168 100
99 57.3 46.1 69.1



#16
Acetone
Concen: 2.688 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

Tgt Ion: 43 Resp: 1606
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.8





#19

Methyl tert-butyl Ether

Concen: 0.464 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX033049.D

Acq: 24 Nov 2022 09:07

Instrument :

MSVOA_X

ClientSampleId :

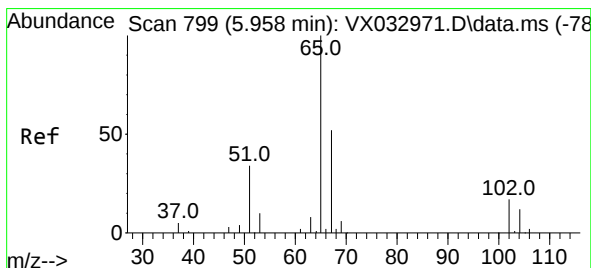
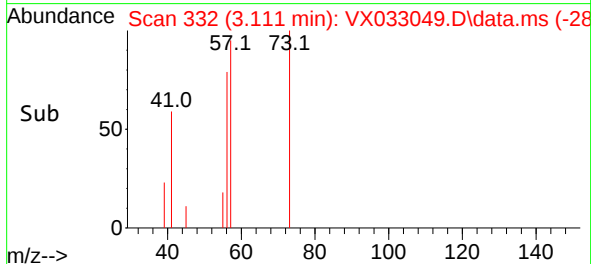
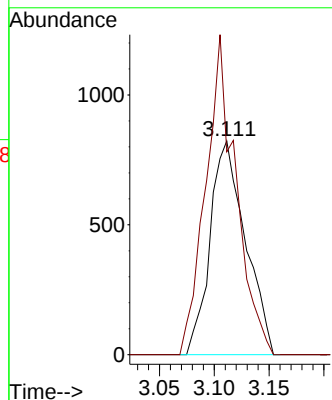
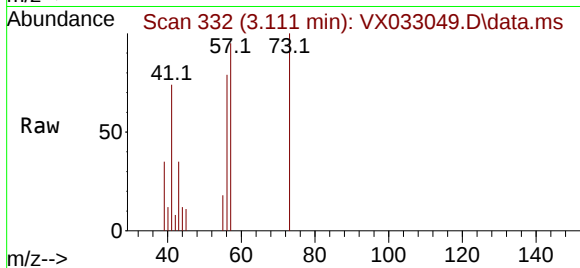
MW-43

Tgt Ion: 73 Resp: 1845

Ion Ratio Lower Upper

73 100

57 94.9 16.6 25.0#



#33

1,2-Dichloroethane-d4

Concen: 55.509 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033049.D

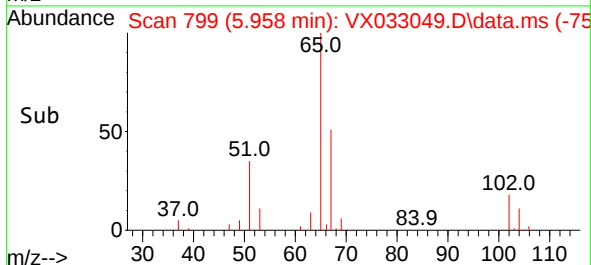
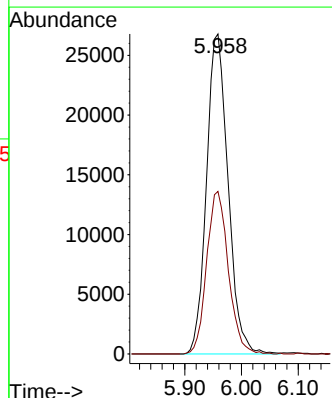
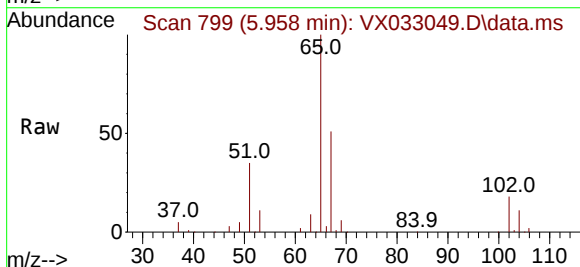
Acq: 24 Nov 2022 09:07

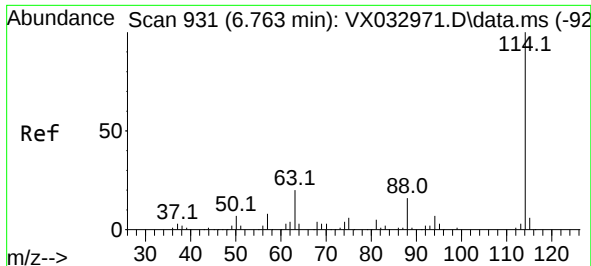
Tgt Ion: 65 Resp: 70801

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8

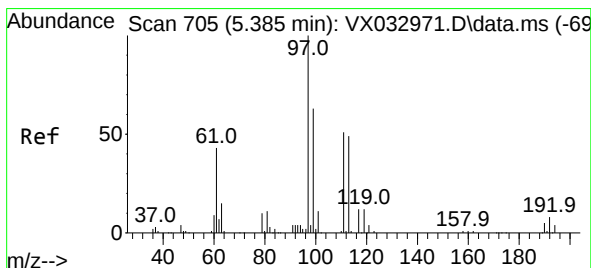
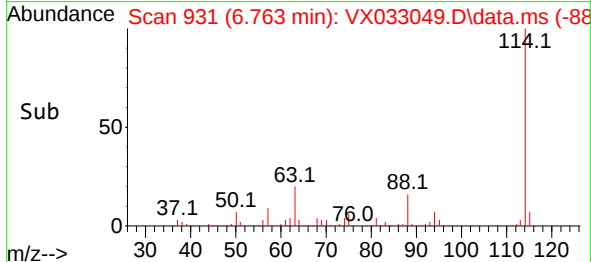
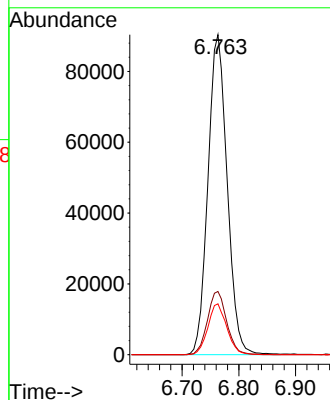
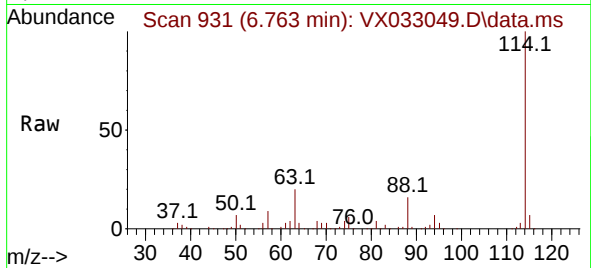




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

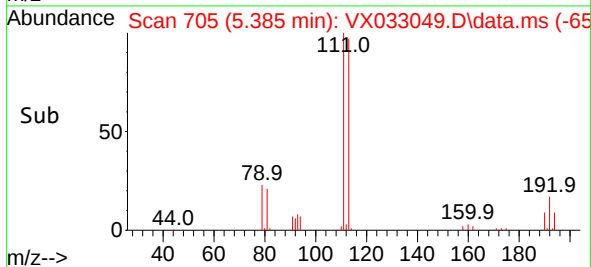
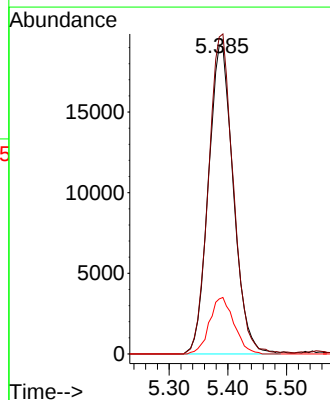
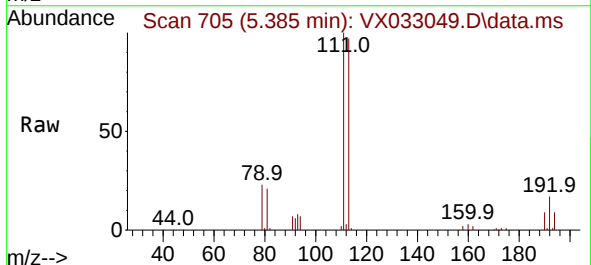
Instrument :
MSVOA_X
ClientSampleId :
MW-43

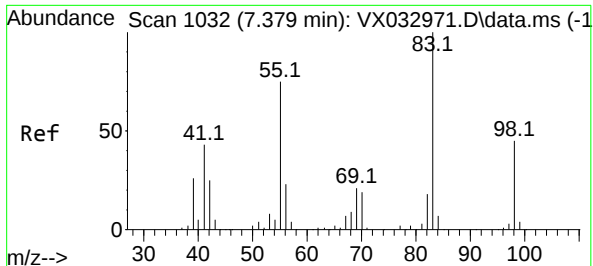
Tgt Ion:114 Resp: 212817
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.062 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

Tgt Ion:113 Resp: 56464
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 17.9 15.4 23.2





#39

Methylcyclohexane

Concen: 0.281 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033049.D

Acq: 24 Nov 2022 09:07

Instrument :

MSVOA_X

ClientSampleId :

MW-43

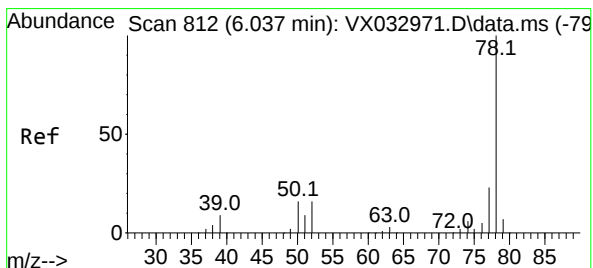
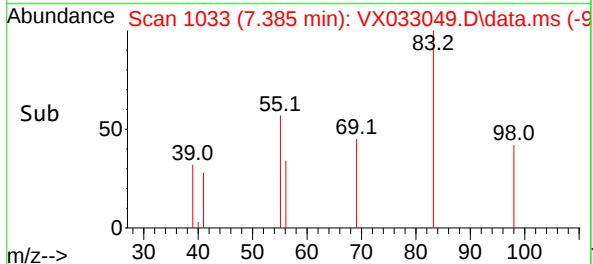
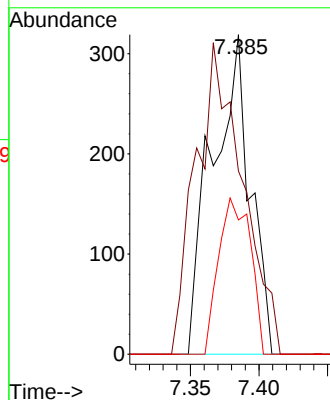
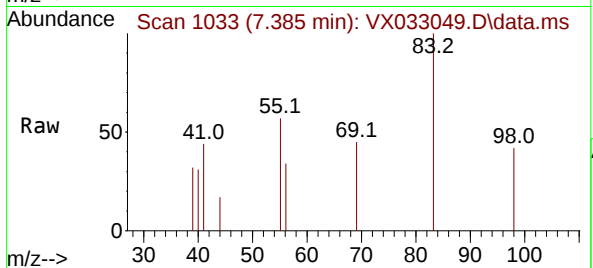
Tgt Ion: 83 Resp: 614

Ion Ratio Lower Upper

83 100

55 57.4 58.4 87.6#

98 42.0 37.2 55.8



#40

Benzene

Concen: 0.607 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX033049.D

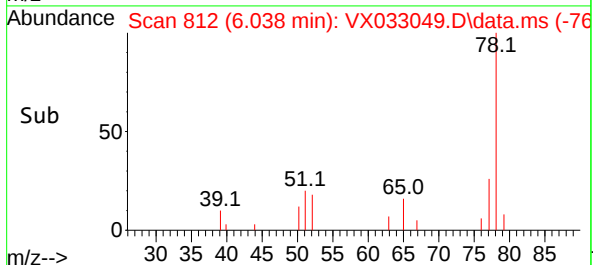
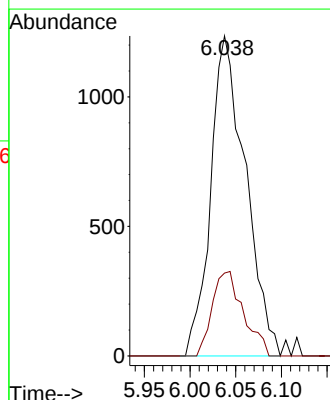
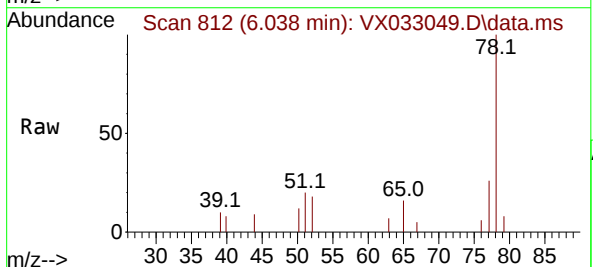
Acq: 24 Nov 2022 09:07

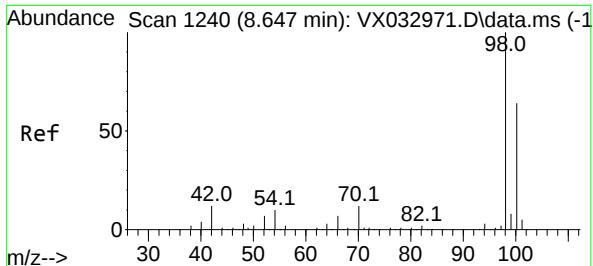
Tgt Ion: 78 Resp: 3266

Ion Ratio Lower Upper

78 100

77 25.9 19.0 28.4

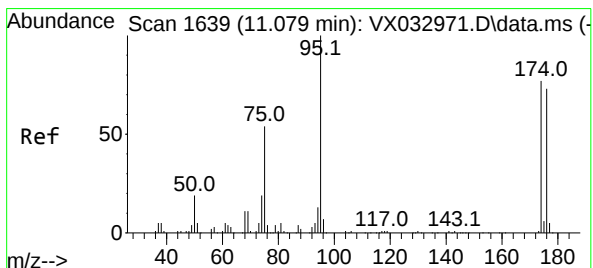
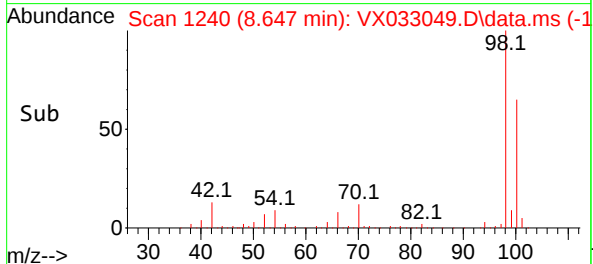
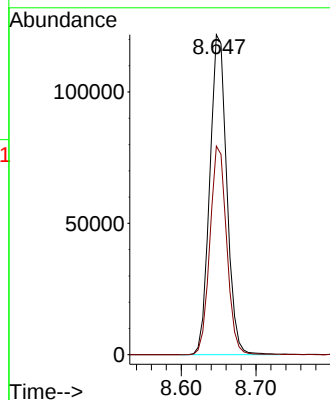
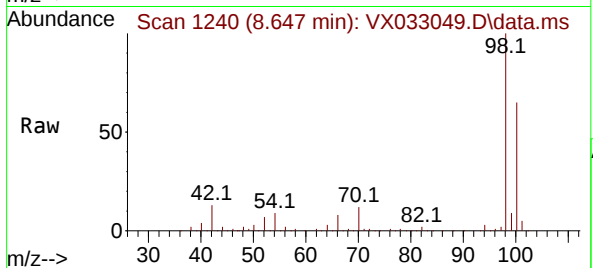




#50
Toluene-d8
Concen: 53.535 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

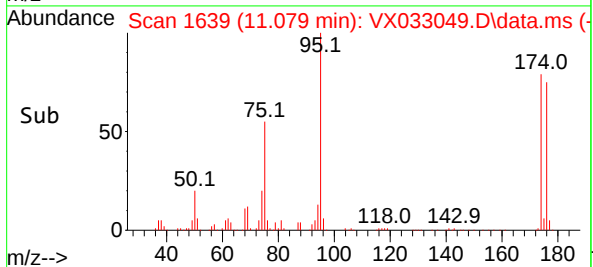
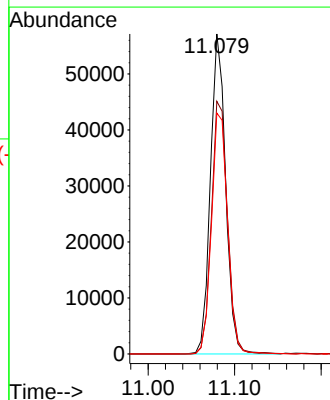
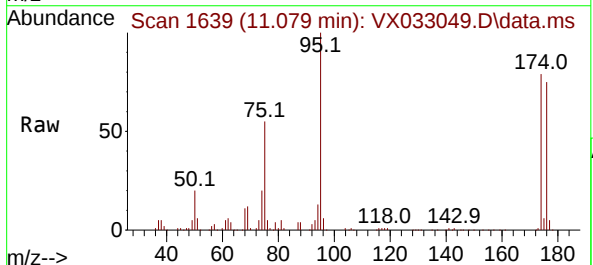
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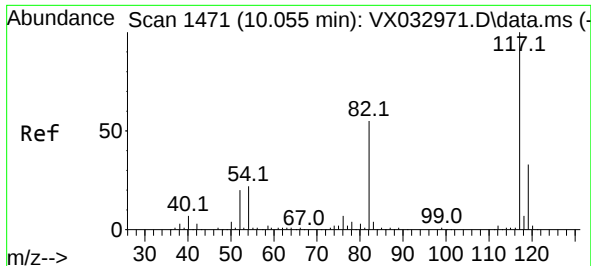
Tgt Ion: 98 Resp: 192706
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

Tgt Ion: 95 Resp: 69743
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.0
176 80.0 0.0 154.4

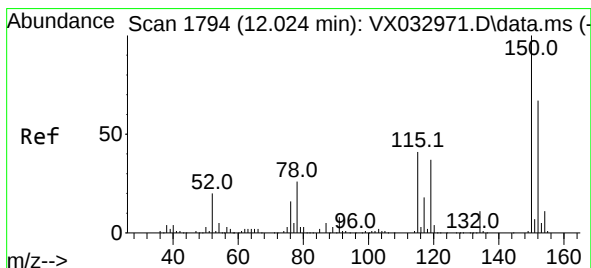
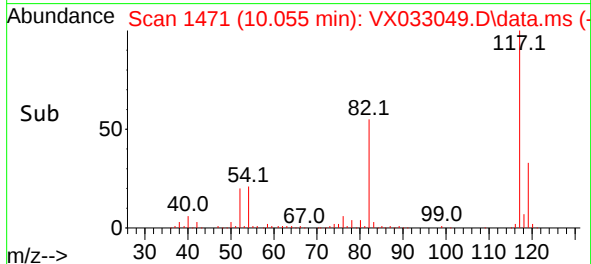
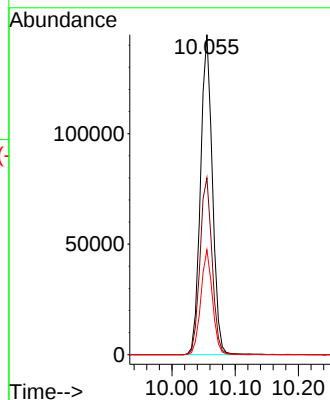
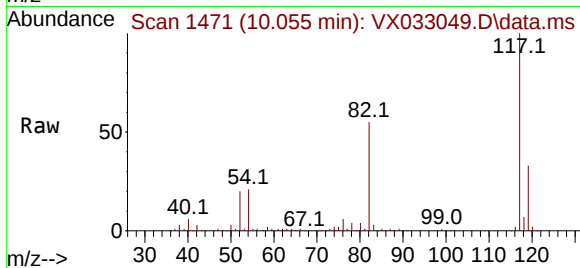




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

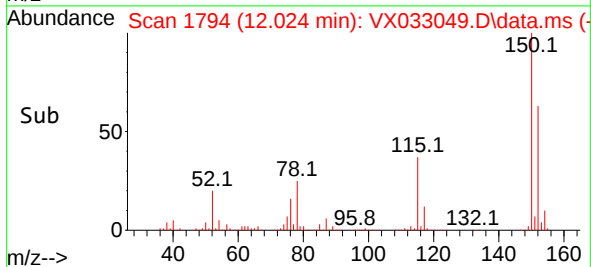
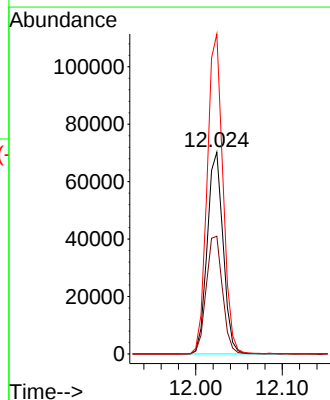
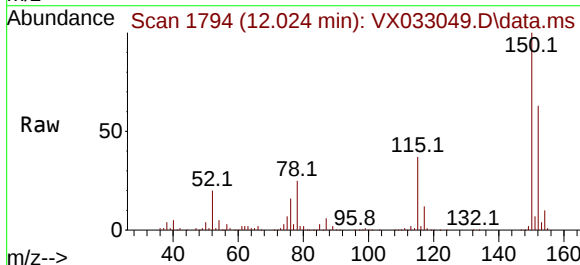
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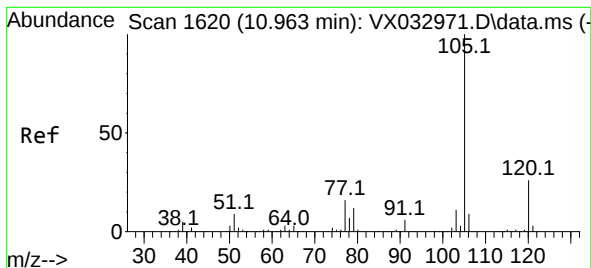
Tgt Ion:117 Resp: 189983
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033049.D
Acq: 24 Nov 2022 09:07

Tgt Ion:152 Resp: 89312
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 157.7 0.0 351.8





#73

Isopropylbenzene

Concen: 0.371 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX033049.D

Acq: 24 Nov 2022 09:07

Instrument :

MSVOA_X

ClientSampleId :

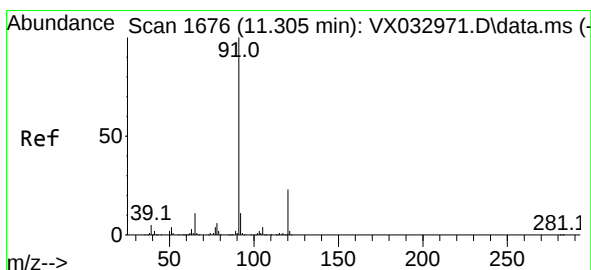
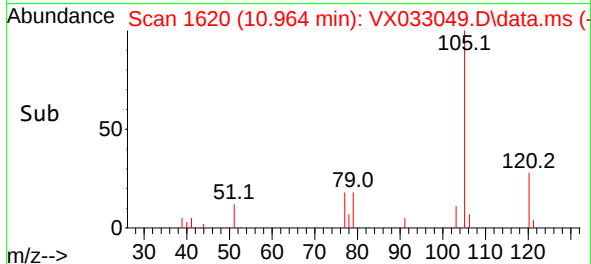
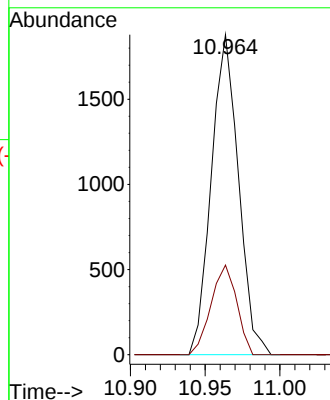
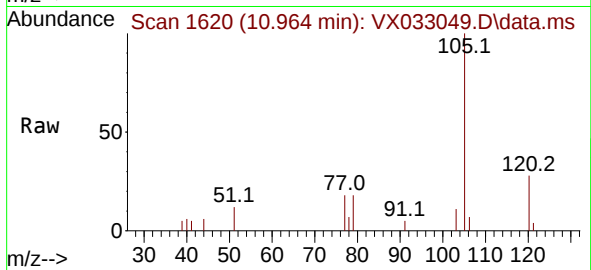
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Tgt Ion:105 Resp: 2368

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.3



#78

n-propylbenzene

Concen: 0.456 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033049.D

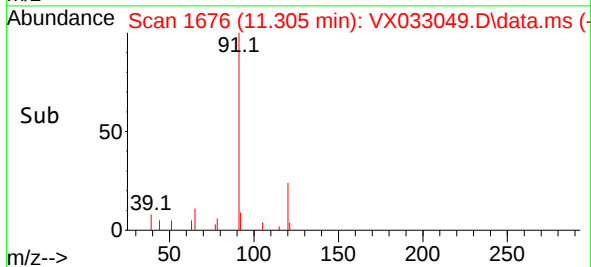
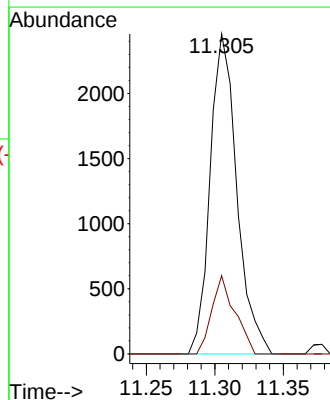
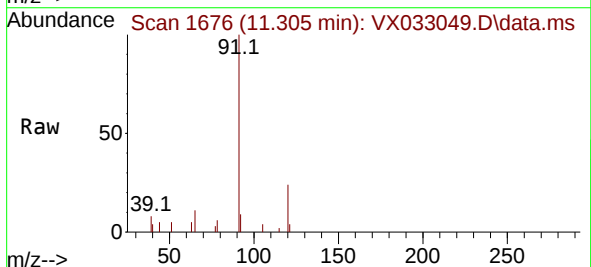
Acq: 24 Nov 2022 09:07

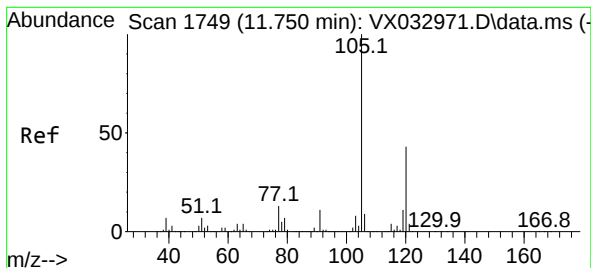
Tgt Ion: 91 Resp: 3326

Ion Ratio Lower Upper

91 100

120 21.0 11.6 34.8





#84

1,2,4-Trimethylbenzene

Concen: 0.458 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033049.D

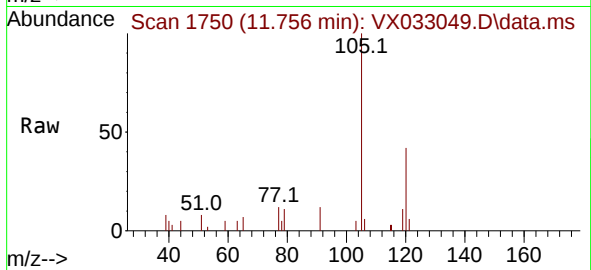
Acq: 24 Nov 2022 09:07

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:105 Resp: 2446

Ion Ratio Lower Upper

105 100

120 47.7 21.9 65.5

