

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040191.D
 Acq On : 12 Feb 2024 11:57
 Operator : JC/MD
 Sample : P1411-01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11929

Quant Time: Feb 12 14:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

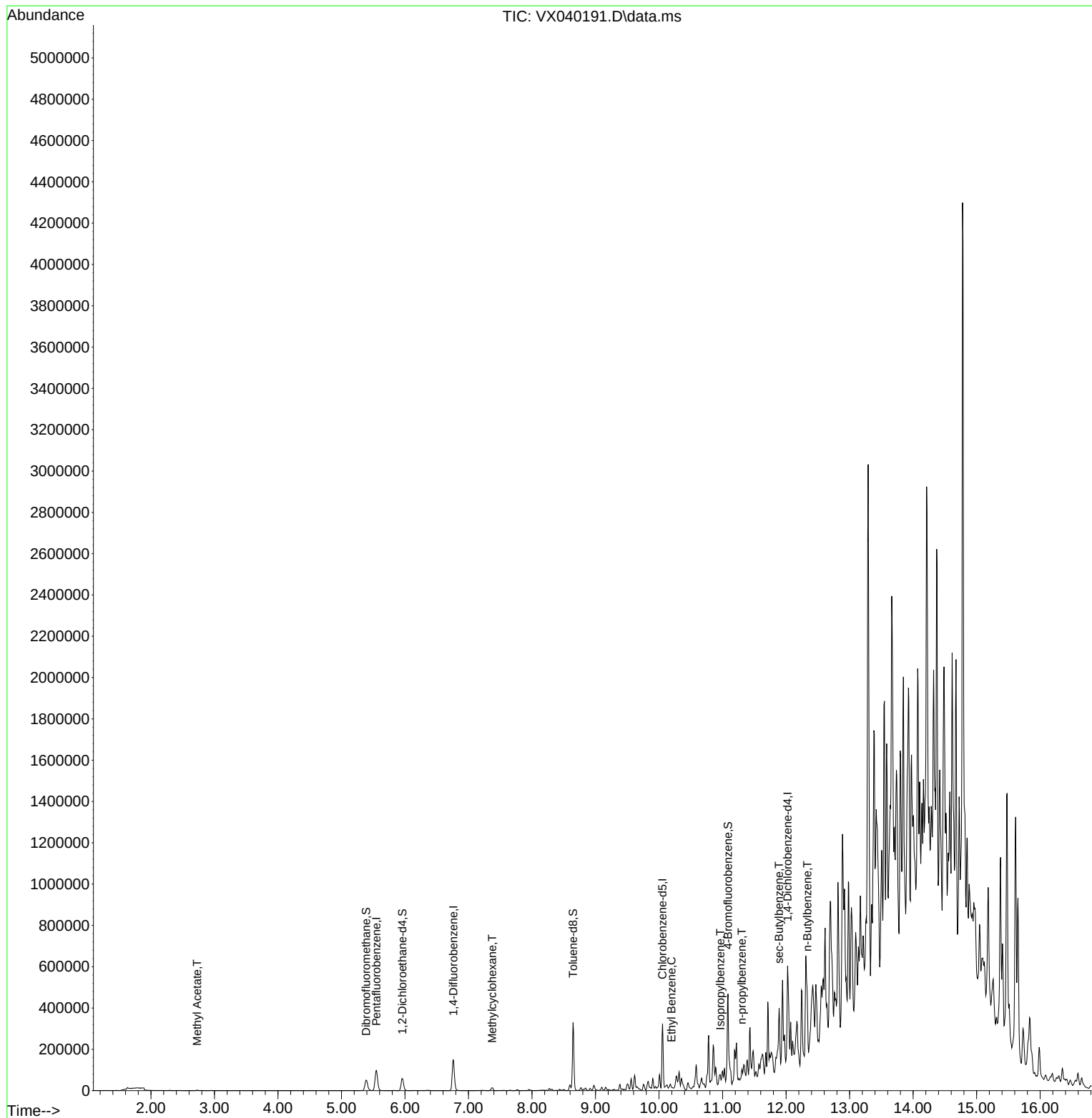
Internal Standards						
1) Pentafluorobenzene	5.550	168	93876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60935	43.631	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.260%		
35) Dibromofluoromethane	5.385	113	46337	42.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.160%		
50) Toluene-d8	8.647	98	191821	46.567	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.140%		
62) 4-Bromofluorobenzene	11.085	95	83721	49.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.660%		
Target Compounds						
					Qvalue	
18) Methyl Acetate	2.727	43	3690	2.400	ug/l	98
39) Methylcyclohexane	7.372	83	6299	3.514	ug/l	97
67) Ethyl Benzene	10.195	91	1589	0.289	ug/l	97
73) Isopropylbenzene	10.963	105	18367	3.141	ug/l	100
78) n-propylbenzene	11.305	91	40677	5.746	ug/l	98
85) sec-Butylbenzene	11.890	105	35278	5.688	ug/l #	71
89) n-Butylbenzene	12.335	91	78006	15.894	ug/l	84

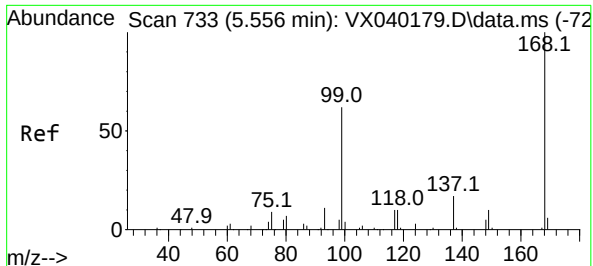
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

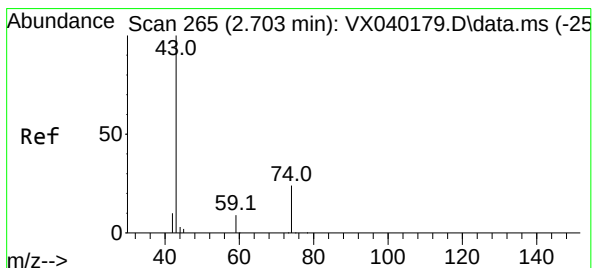
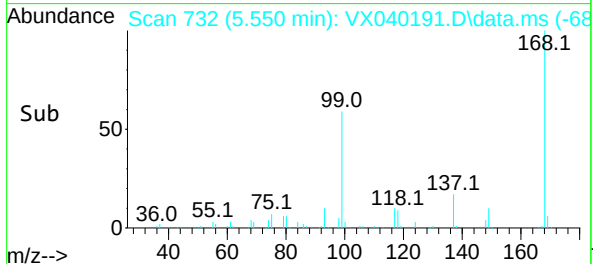
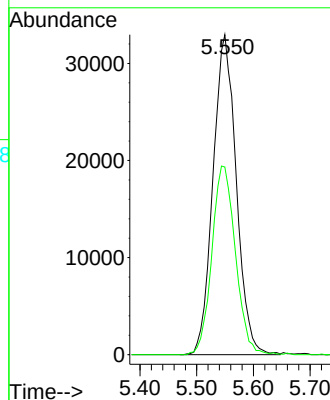
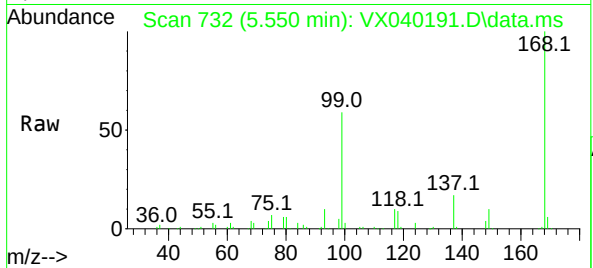
Instrument :

MSVOA_X

ClientSampleId :

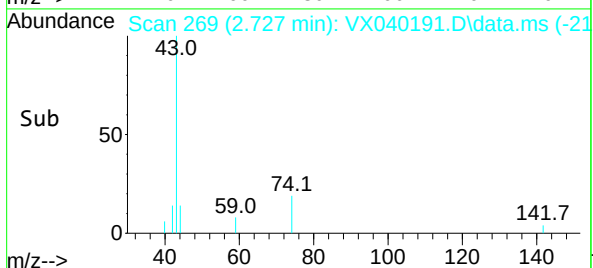
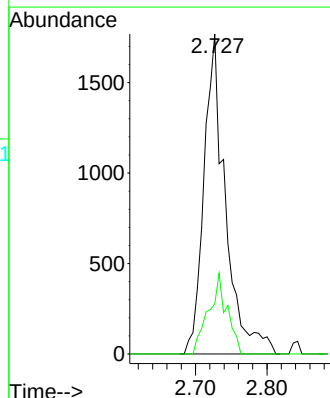
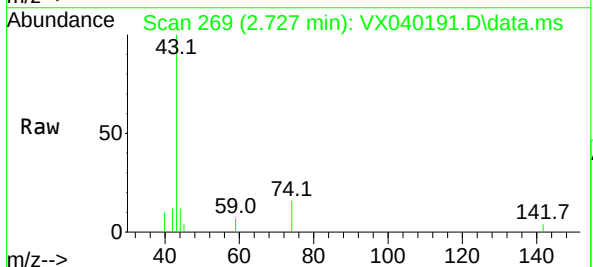
72-11929

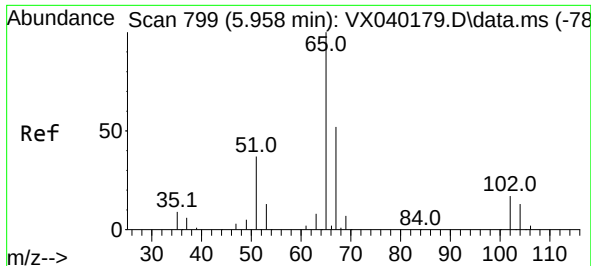
Tgt Ion:168 Resp: 93876
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#18
Methyl Acetate
Concen: 2.400 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.024 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

Tgt Ion: 43 Resp: 3690
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8





#33

1,2-Dichloroethane-d4

Concen: 43.631 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040191.D

Acq: 12 Feb 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

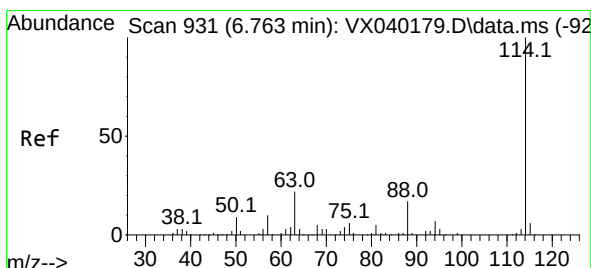
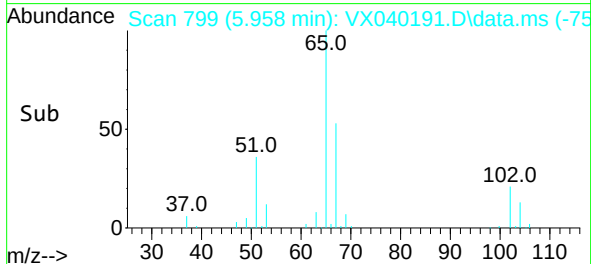
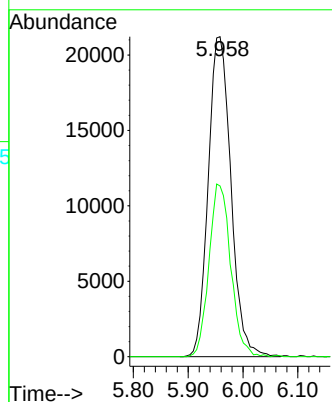
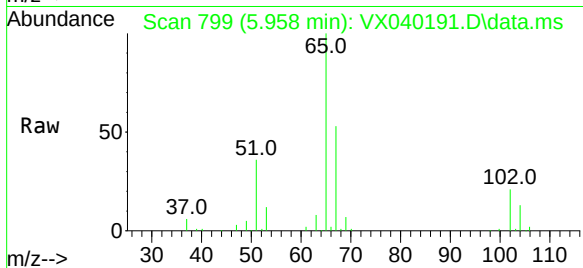
72-11929

Tgt Ion: 65 Resp: 60935

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040191.D

Acq: 12 Feb 2024 11:57

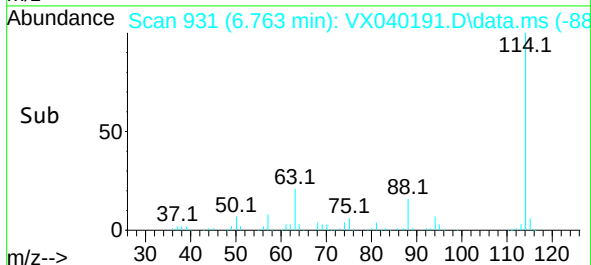
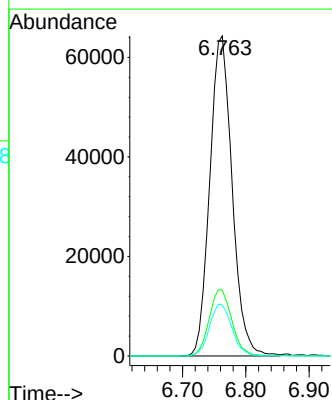
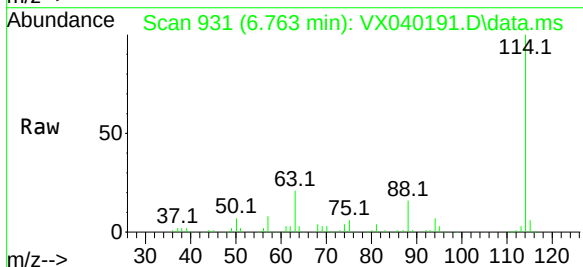
Tgt Ion: 114 Resp: 157686

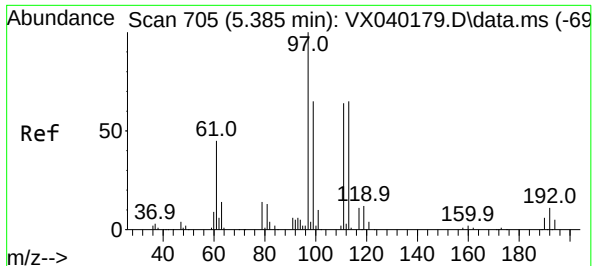
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 42.079 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040191.D

Acq: 12 Feb 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

72-11929

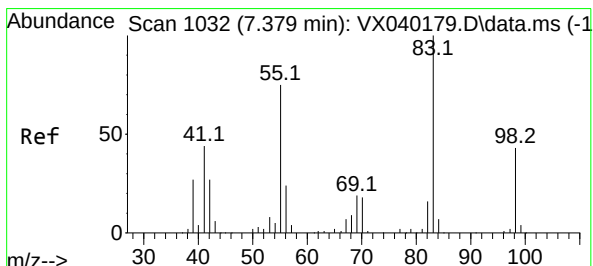
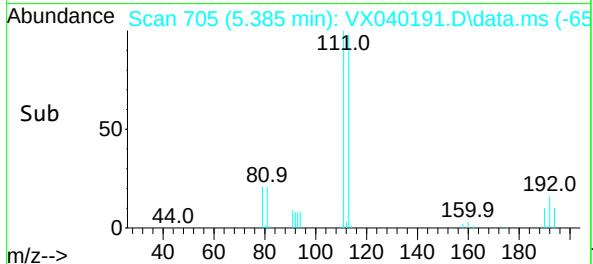
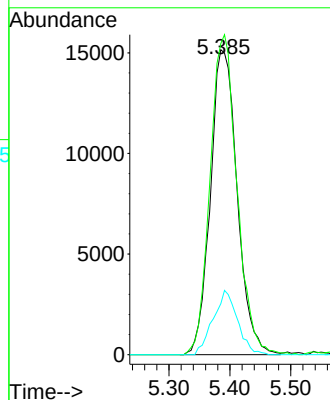
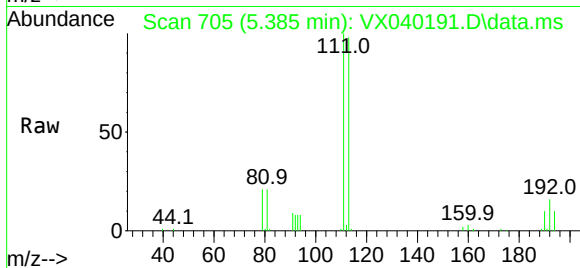
Tgt Ion:113 Resp: 46337

Ion Ratio Lower Upper

113 100

111 105.1 82.9 124.3

192 19.2 13.3 19.9



#39

Methylcyclohexane

Concen: 3.514 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040191.D

Acq: 12 Feb 2024 11:57

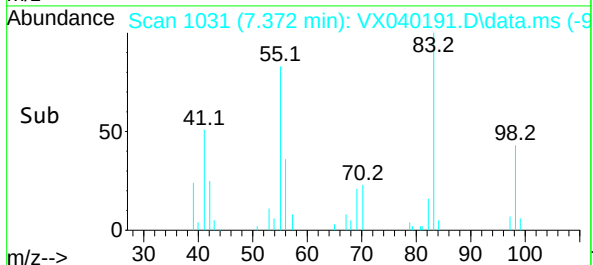
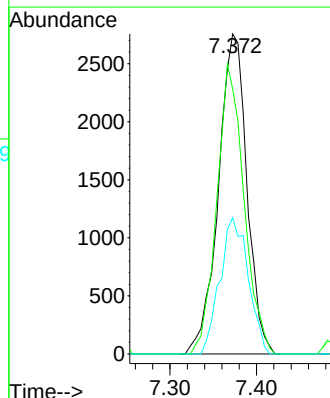
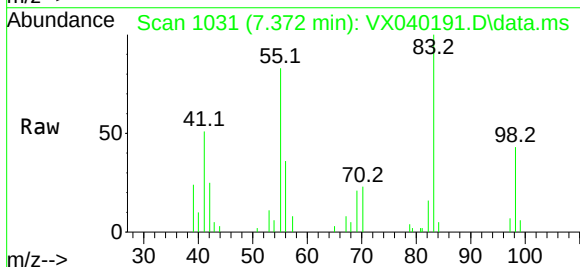
Tgt Ion: 83 Resp: 6299

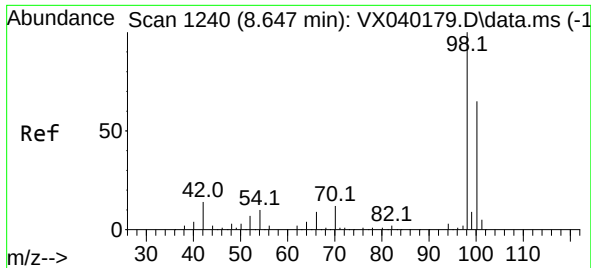
Ion Ratio Lower Upper

83 100

55 82.8 64.6 97.0

98 42.5 36.7 55.1

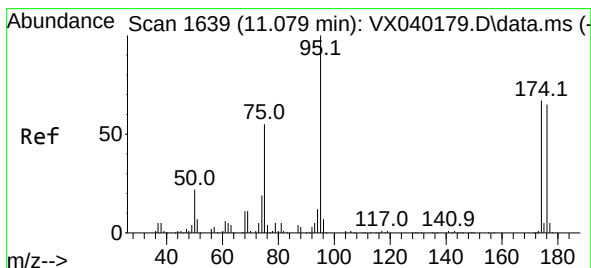
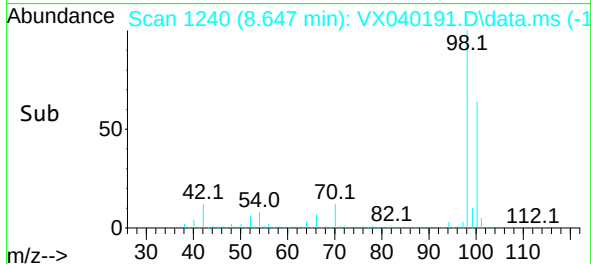
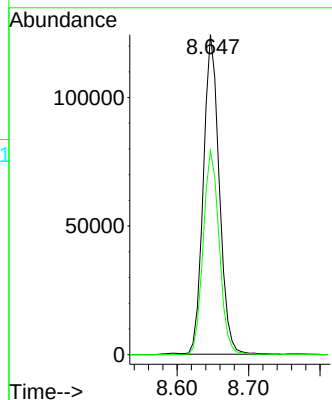
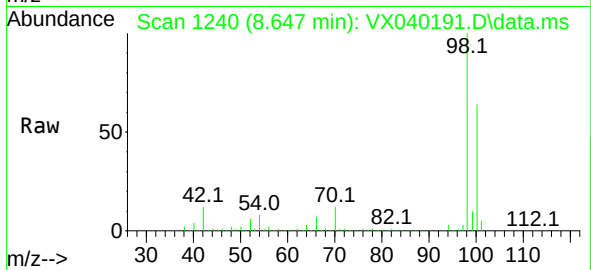




#50
Toluene-d8
Concen: 46.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

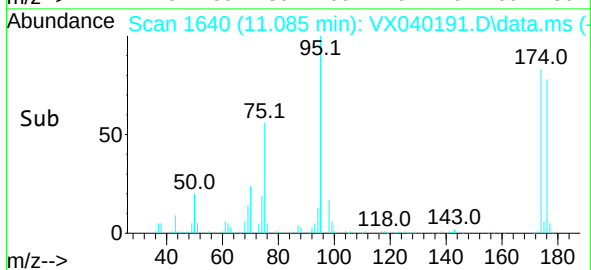
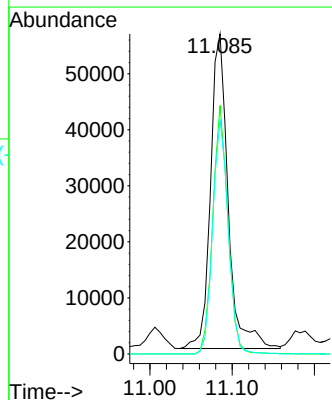
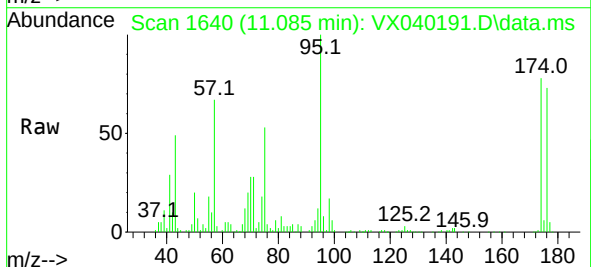
Instrument :
MSVOA_X
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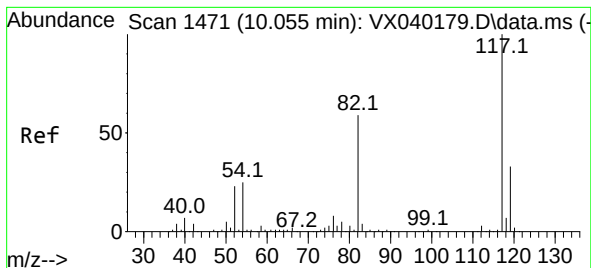
Tgt Ion: 98 Resp: 191821
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.834 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

Tgt Ion: 95 Resp: 83721
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.6
176 65.6 0.0 131.0

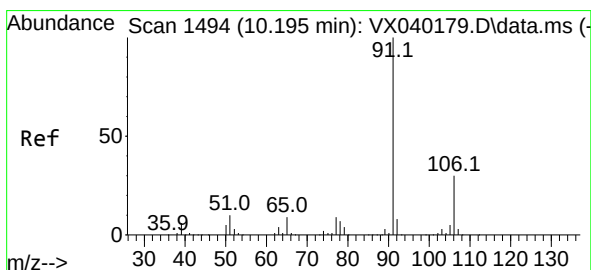
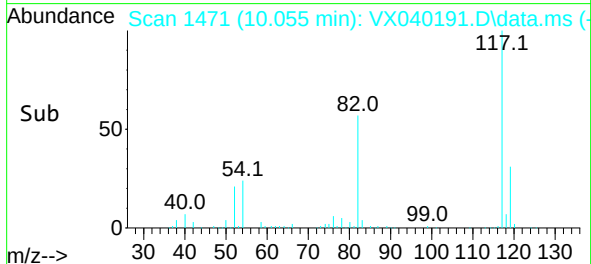
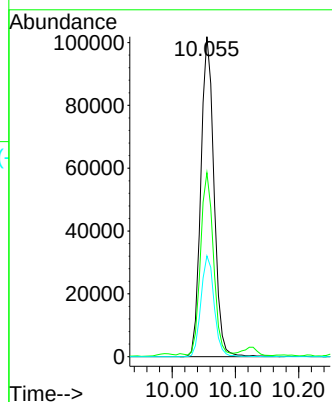
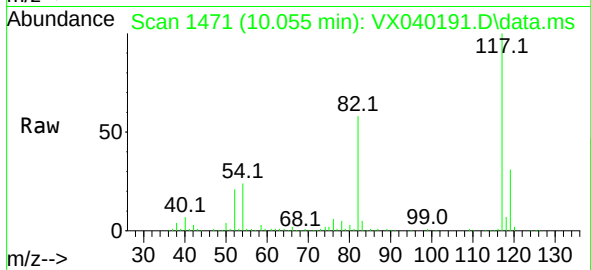




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

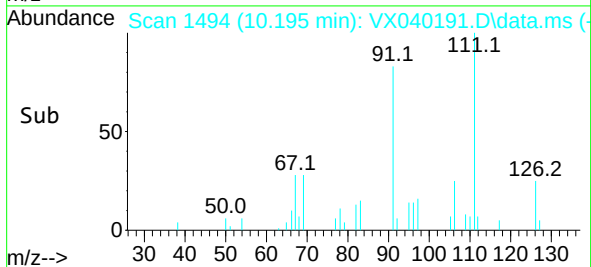
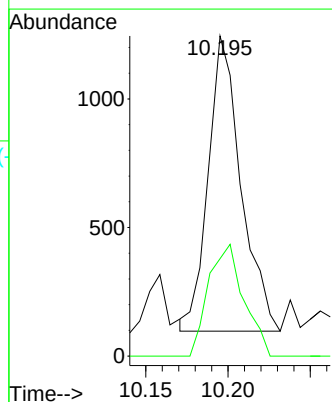
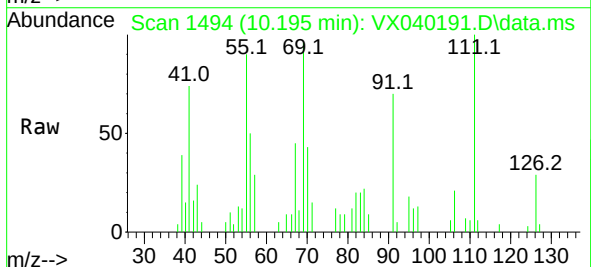
Instrument :
MSVOA_X
ClientSampleId :
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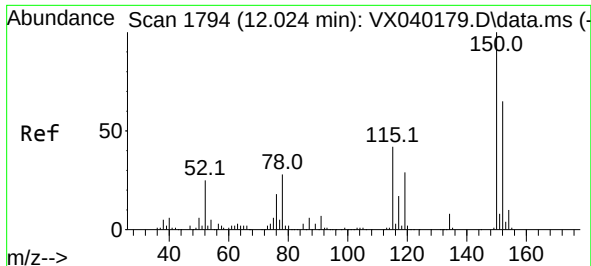
Tgt Ion:117 Resp: 147731
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.5 25.5 38.3



#67
Ethyl Benzene
Concen: 0.289 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

Tgt Ion: 91 Resp: 1589
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

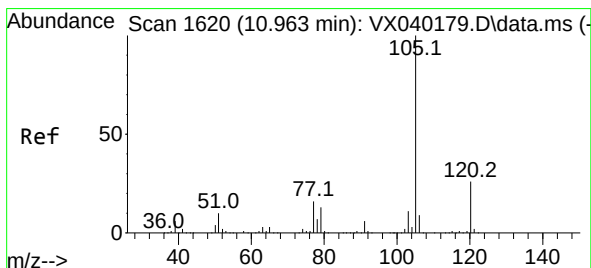
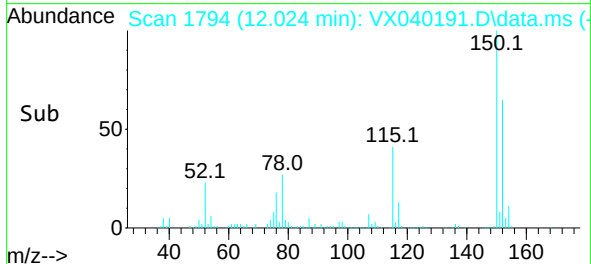
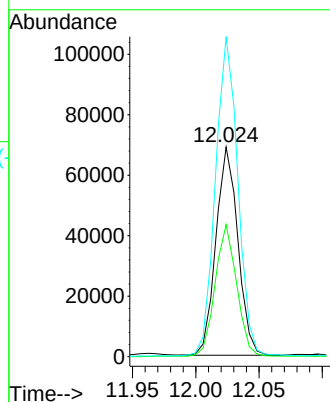
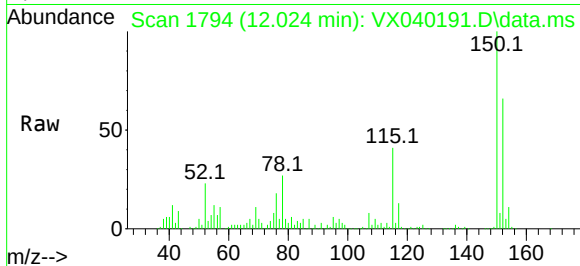




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

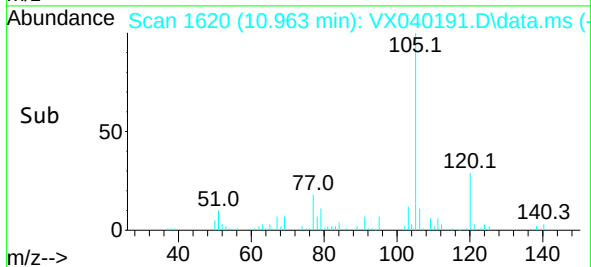
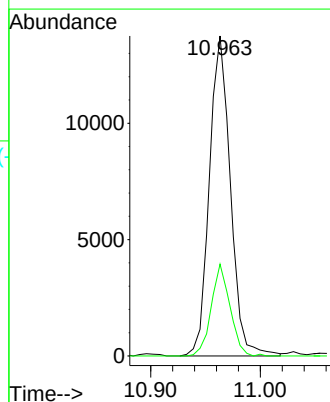
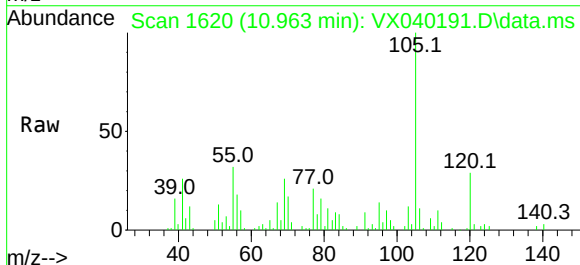
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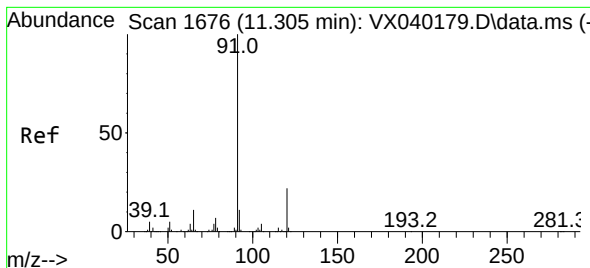
Tgt Ion:152 Resp: 83021
Ion Ratio Lower Upper
152 100
115 61.7 43.3 129.9
150 157.3 0.0 345.0



#73
Isopropylbenzene
Concen: 3.141 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040191.D
Acq: 12 Feb 2024 11:57

Tgt Ion:105 Resp: 18367
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6





#78

n-propylbenzene

Concen: 5.746 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040191.D

Acq: 12 Feb 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

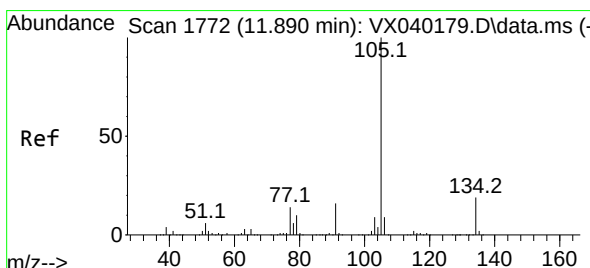
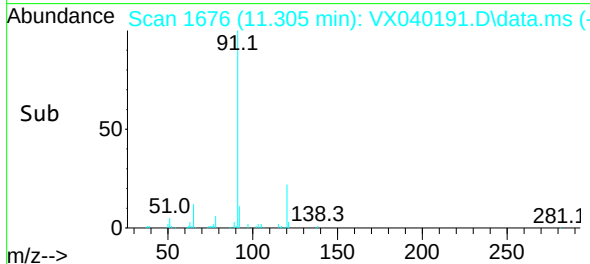
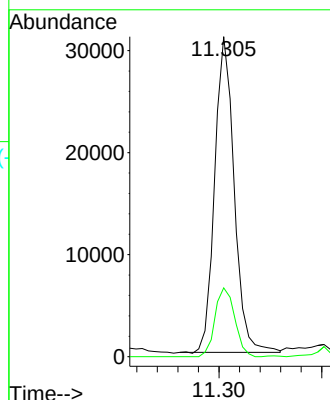
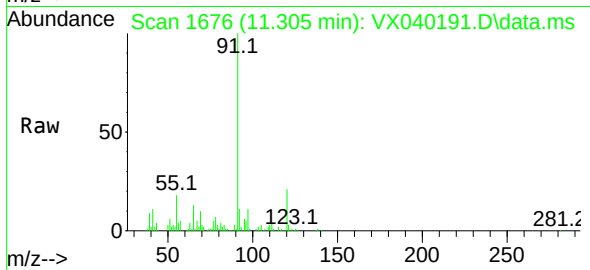
72-11929

Tgt Ion: 91 Resp: 40677

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4



#85

sec-Butylbenzene

Concen: 5.688 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040191.D

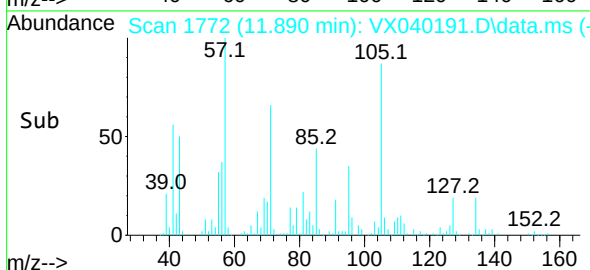
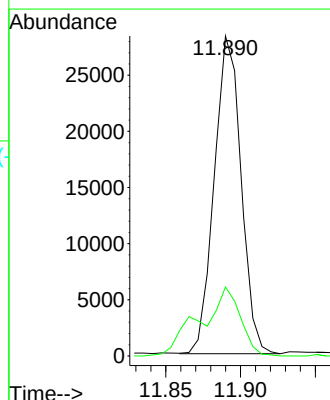
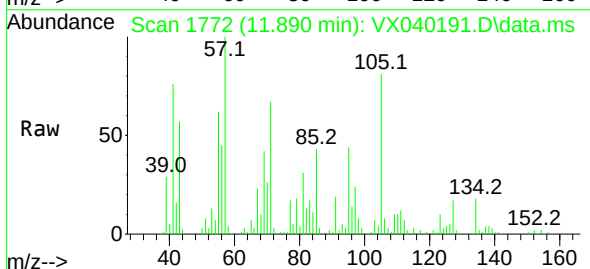
Acq: 12 Feb 2024 11:57

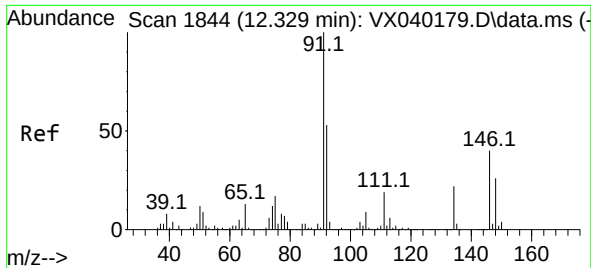
Tgt Ion:105 Resp: 35278

Ion Ratio Lower Upper

105 100

134 32.6 9.8 29.4#





#89

n-Butylbenzene

Concen: 15.894 ug/l

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040191.D

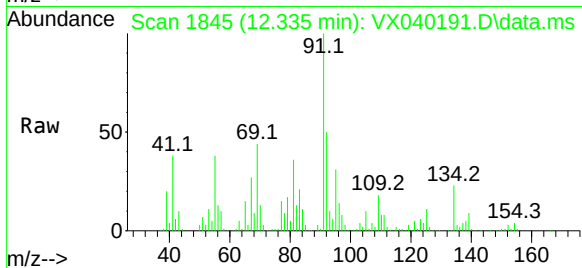
Acq: 12 Feb 2024 11:57

Instrument :

MSVOA_X

ClientSampleId :

72-11929



Tgt Ion: 91 Resp: 78006

Ion Ratio Lower Upper

91 100

92 45.3 27.4 82.0

134 36.0 12.6 37.8

