

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041391.D
 Acq On : 06 May 2024 19:54
 Operator : JC/MD
 Sample : P2355-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB16173

Quant Time: May 07 02:05:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

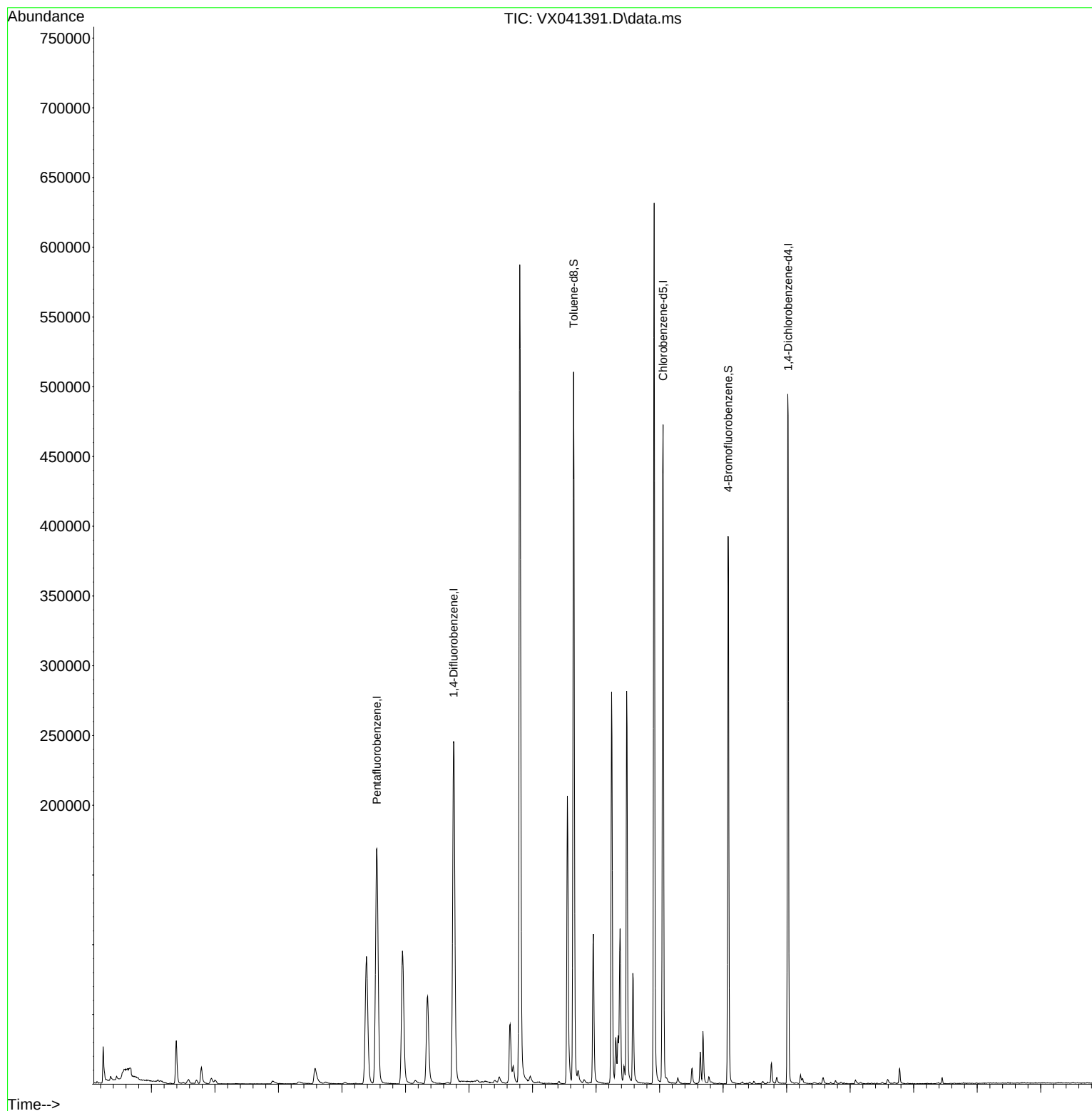
Internal Standards						
1) Pentafluorobenzene	5.550	168	182992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	273018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96874	48.629	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.260%
35) Dibromofluoromethane	5.385	113	78701	42.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.080%
50) Toluene-d8	8.647	98	301381	51.466	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	95831	42.275	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.540%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	34878	36.416	ug/l	100
18) Methyl Acetate	2.715	43	3813	1.871	ug/l	91
20) Methylene Chloride	2.788	84	6243	3.610	ug/l	87
25) 2-Butanone	4.574	43	23722	18.398	ug/l	99
43) Isopropyl Acetate	6.348	43	90308	21.759	ug/l	97
95) Naphthalene	13.780	128	7733	1.006	ug/l	99

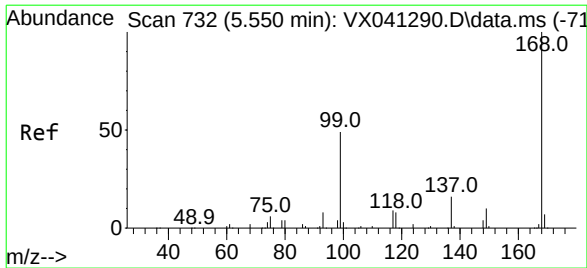
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

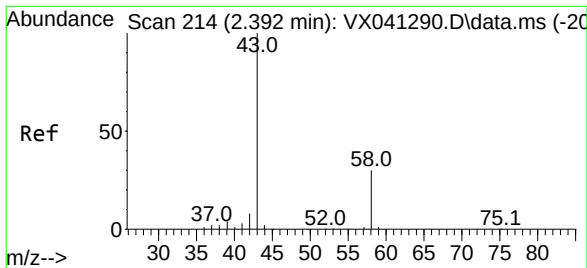
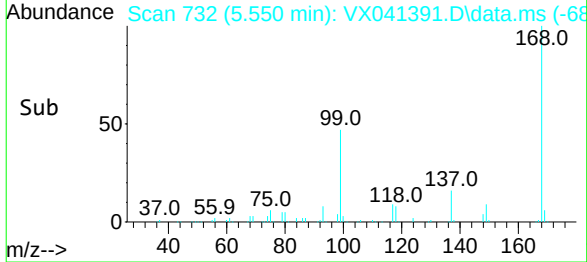
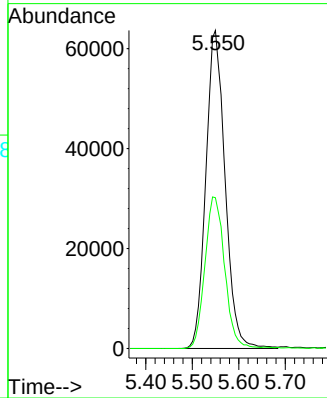
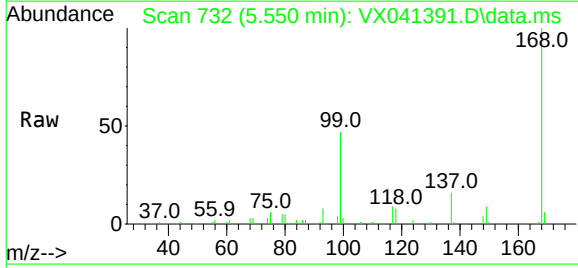




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041391.D
Acq: 06 May 2024 19:54

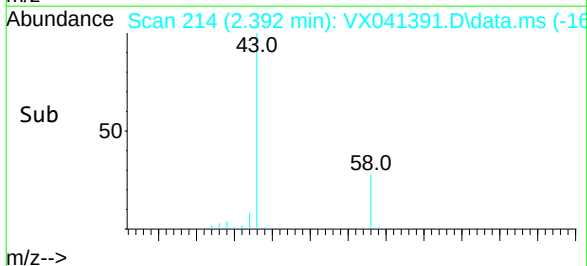
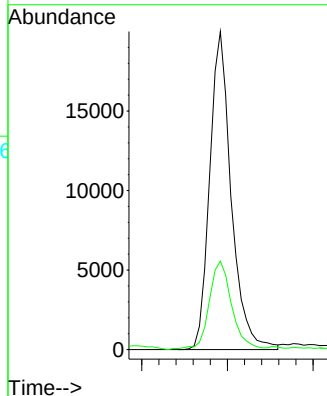
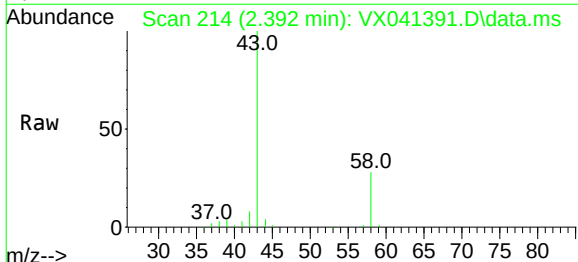
Instrument :
MSVOA_X
ClientSampleId :
VB16173

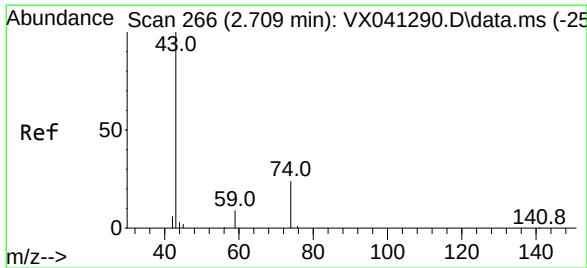
Tgt Ion:168 Resp: 182992
Ion Ratio Lower Upper
168 100
99 47.4 56.6 85.0#



#16
Acetone
Concen: 36.416 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041391.D
Acq: 06 May 2024 19:54

Tgt Ion: 43 Resp: 34878
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9

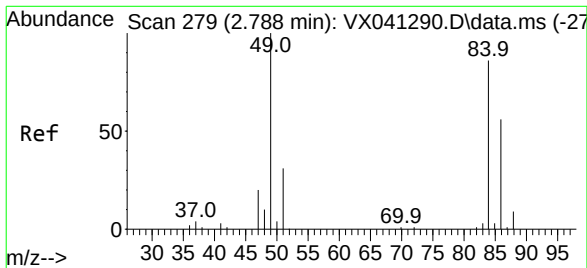
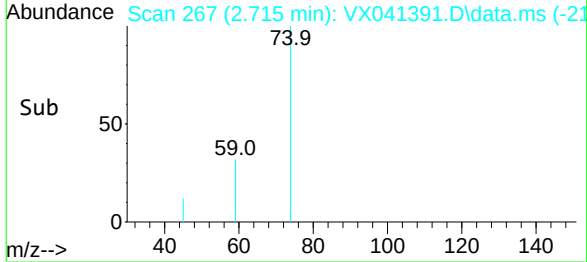
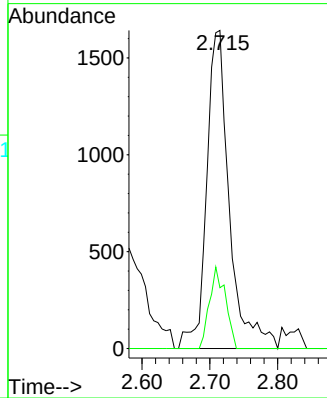
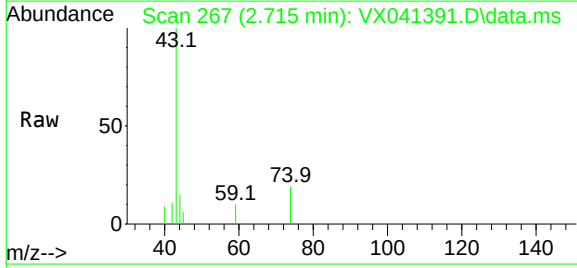




#18
Methyl Acetate
Concen: 1.871 ug/l
RT: 2.715 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX041391.D
Acq: 06 May 2024 19:54

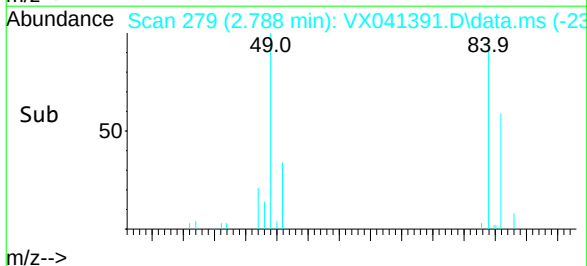
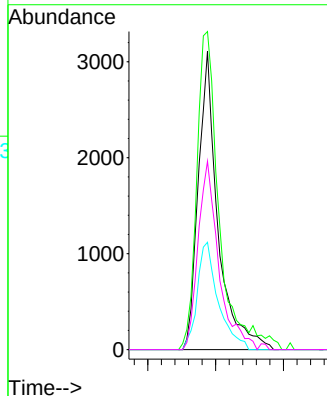
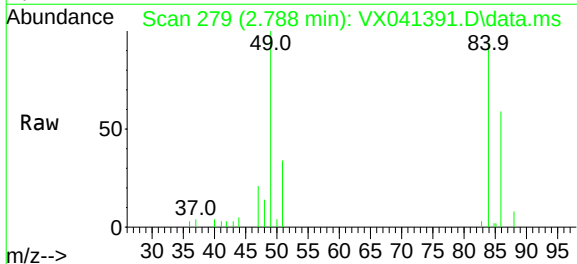
Instrument :
MSVOA_X
ClientSampleId :
VB16173

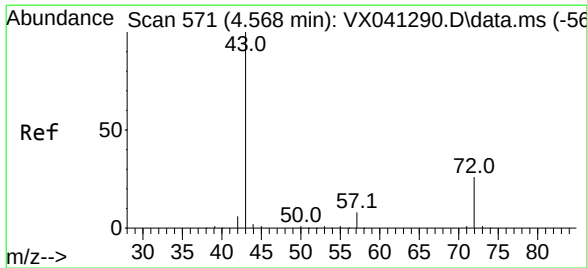
Tgt Ion: 43 Resp: 3813
Ion Ratio Lower Upper
43 100
74 18.1 17.8 26.8



#20
Methylene Chloride
Concen: 3.610 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041391.D
Acq: 06 May 2024 19:54

Tgt Ion: 84 Resp: 6243
Ion Ratio Lower Upper
84 100
49 106.6 103.6 155.4
51 36.0 33.8 50.6
86 63.1 49.4 74.0





#25

2-Butanone

Concen: 18.398 ug/l

RT: 4.574 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX041391.D

Acq: 06 May 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

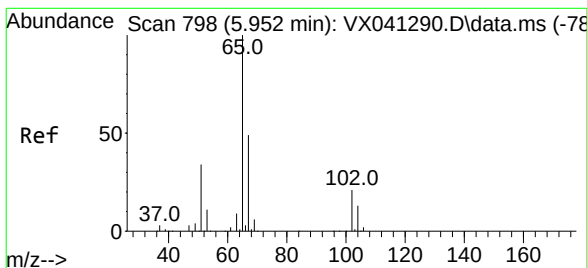
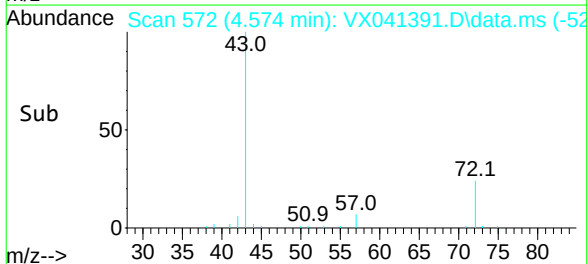
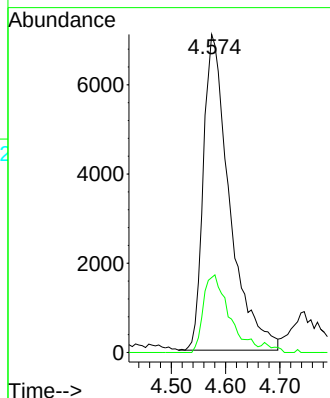
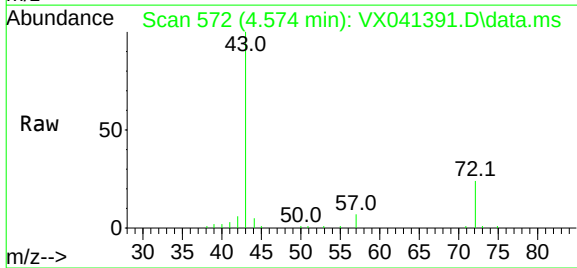
VB16173

Tgt Ion: 43 Resp: 23722

Ion Ratio Lower Upper

43 100

72 23.7 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 48.629 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041391.D

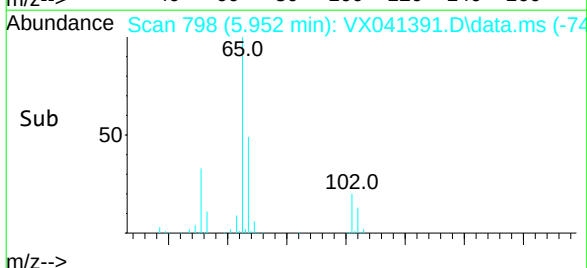
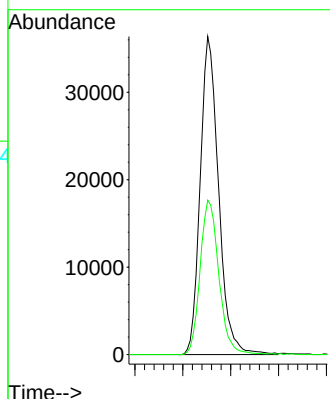
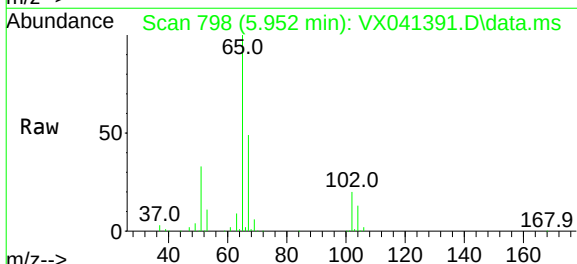
Acq: 06 May 2024 19:54

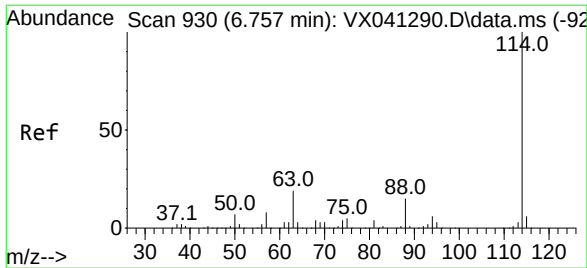
Tgt Ion: 65 Resp: 96874

Ion Ratio Lower Upper

65 100

67 49.7 0.0 100.2

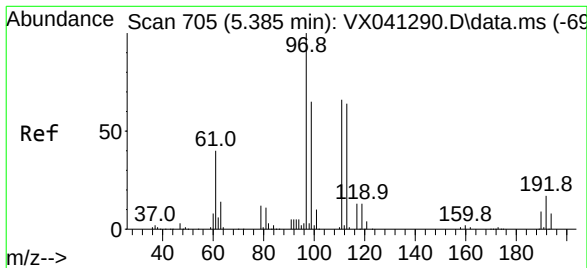
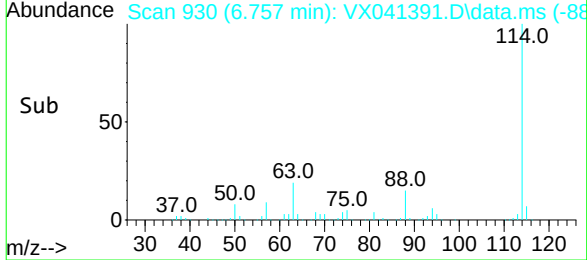
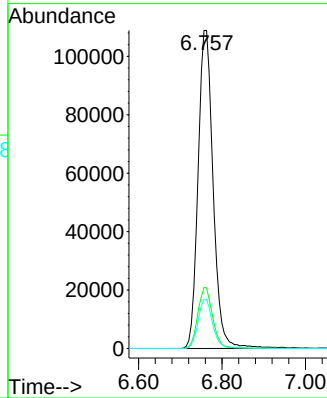
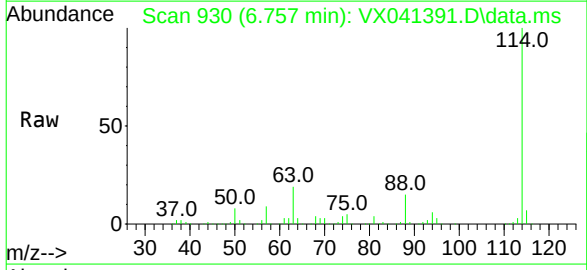




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX041391.D
Acq: 06 May 2024 19:54

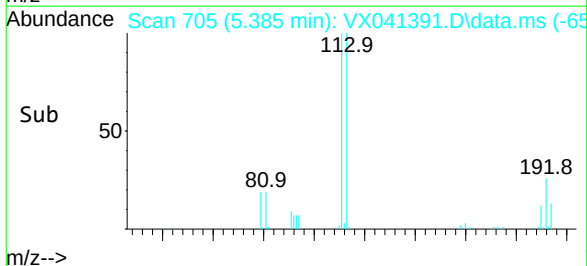
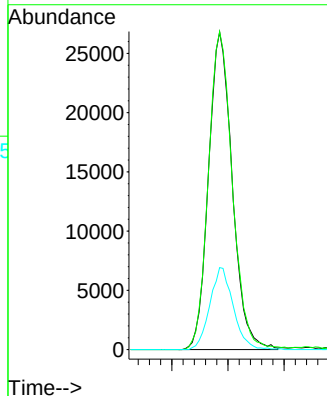
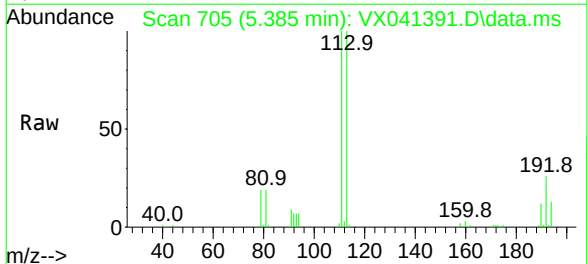
Instrument :
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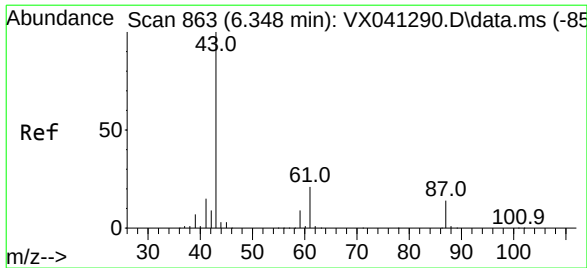
Tgt Ion:114 Resp: 273018
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.537 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041391.D
Acq: 06 May 2024 19:54

Tgt Ion:113 Resp: 78701
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 25.5 13.3 19.9#





#43

Isopropyl Acetate

Concen: 21.759 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX041391.D

Acq: 06 May 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

VB16173

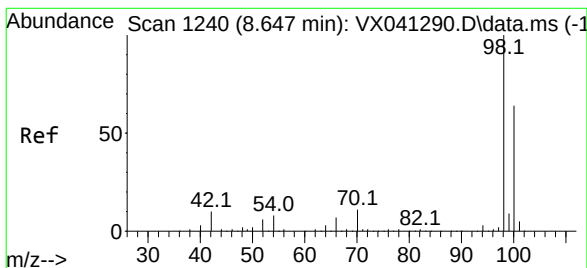
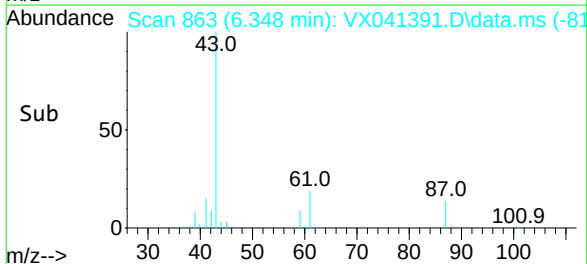
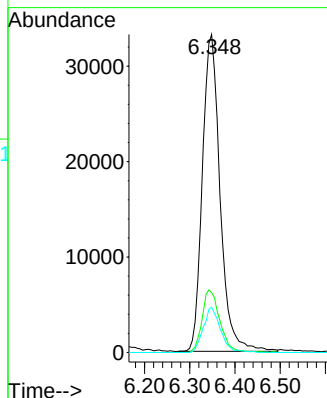
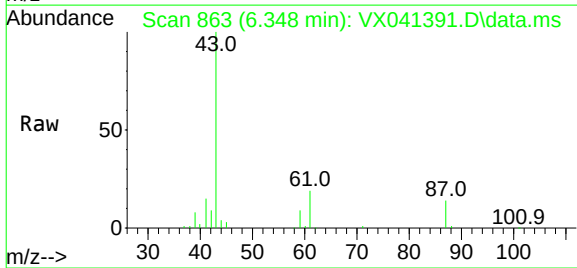
Tgt Ion: 43 Resp: 90308

Ion Ratio Lower Upper

43 100

61 19.9 15.2 22.8

87 13.9 9.8 14.6



#50

Toluene-d8

Concen: 51.466 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041391.D

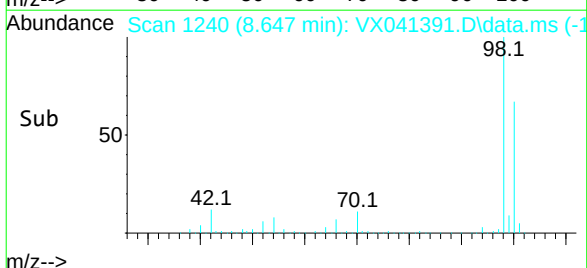
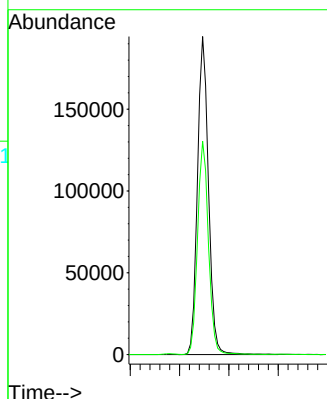
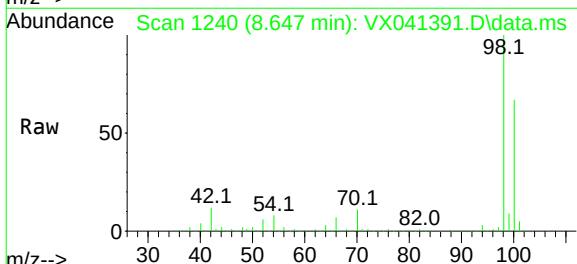
Acq: 06 May 2024 19:54

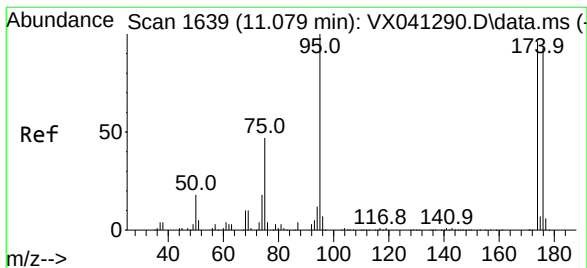
Tgt Ion: 98 Resp: 301381

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 42.275 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041391.D

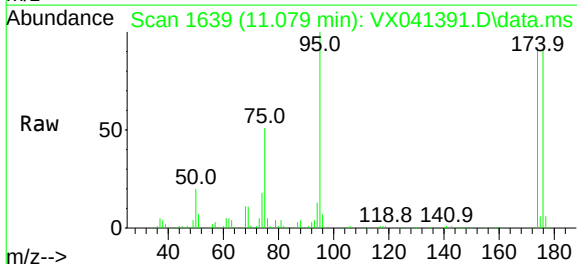
Acq: 06 May 2024 19:54

Instrument :

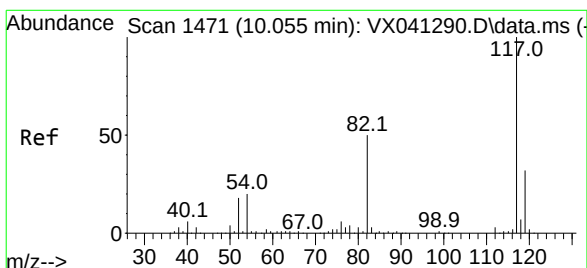
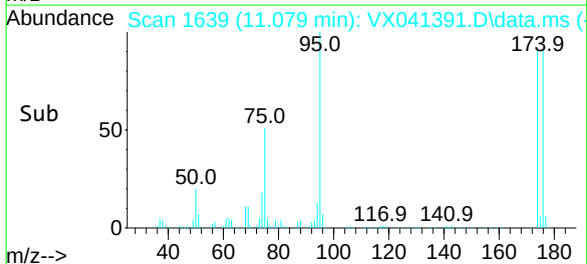
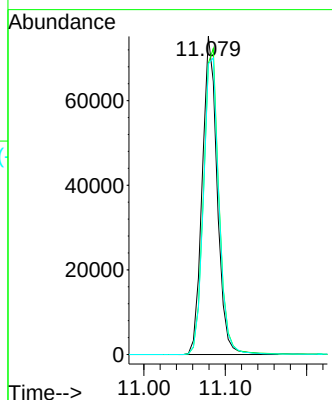
MSVOA_X

ClientSampleId :

VB16173



Tgt Ion:	95	Resp:	95831
Ion Ratio	Lower	Upper	
95	100		
174	99.1	0.0	135.6
176	96.8	0.0	131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

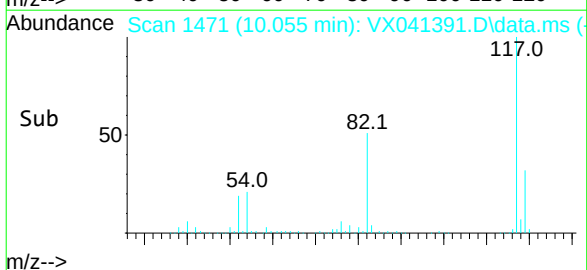
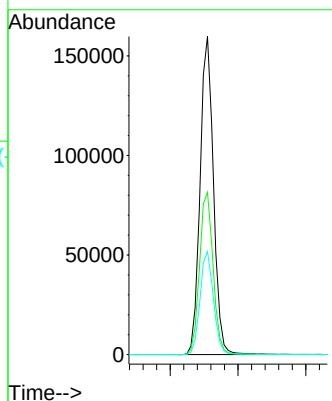
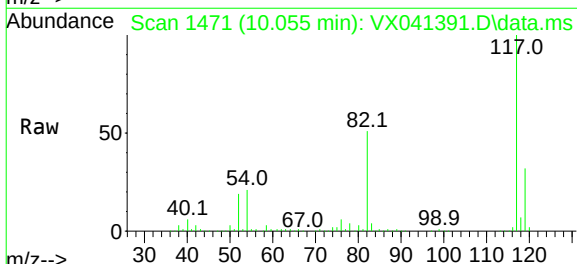
RT: 10.055 min Scan# 1471

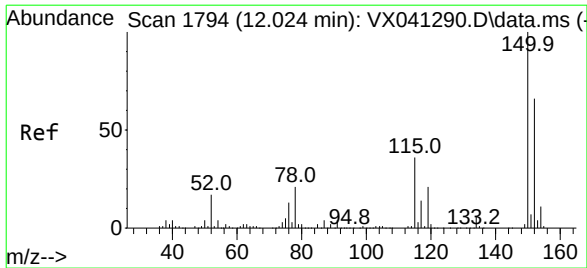
Delta R.T. -0.000 min

Lab File: VX041391.D

Acq: 06 May 2024 19:54

Tgt Ion:	117	Resp:	219017
Ion Ratio	Lower	Upper	
117	100		
82	51.0	46.2	69.4
119	32.4	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX041391.D

Acq: 06 May 2024 19:54

Instrument :

MSVOA_X

ClientSampleId :

VB16173

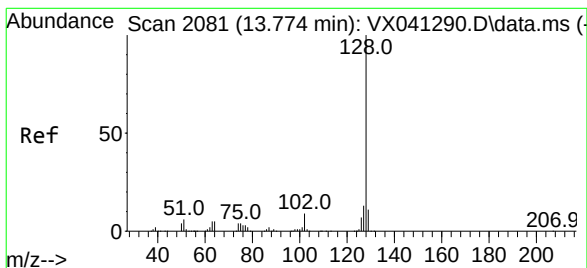
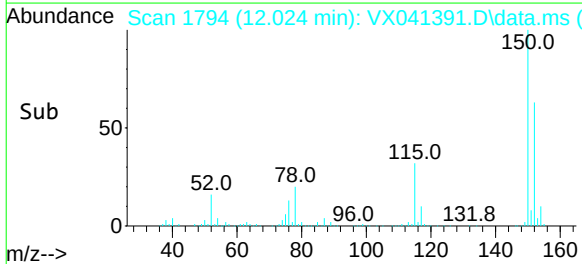
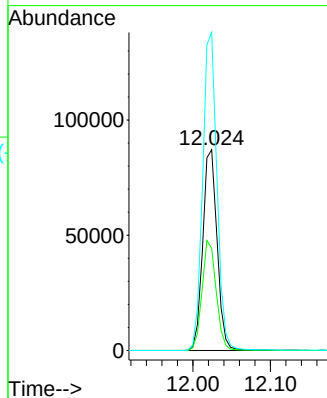
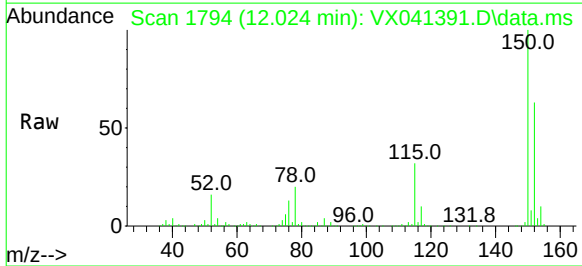
Tgt Ion:152 Resp: 112229

Ion Ratio Lower Upper

152 100

115 54.0 43.3 129.9

150 157.9 0.0 345.0



#95

Naphthalene

Concen: 1.006 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX041391.D

Acq: 06 May 2024 19:54

Tgt Ion:128 Resp: 7733

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.5 8.8 13.2

