

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102723\
 Data File : VX038613.D
 Acq On : 27 Oct 2023 19:18
 Operator : JC/MD
 Sample : 05107-19 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1051

Quant Time: Oct 30 01:35:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

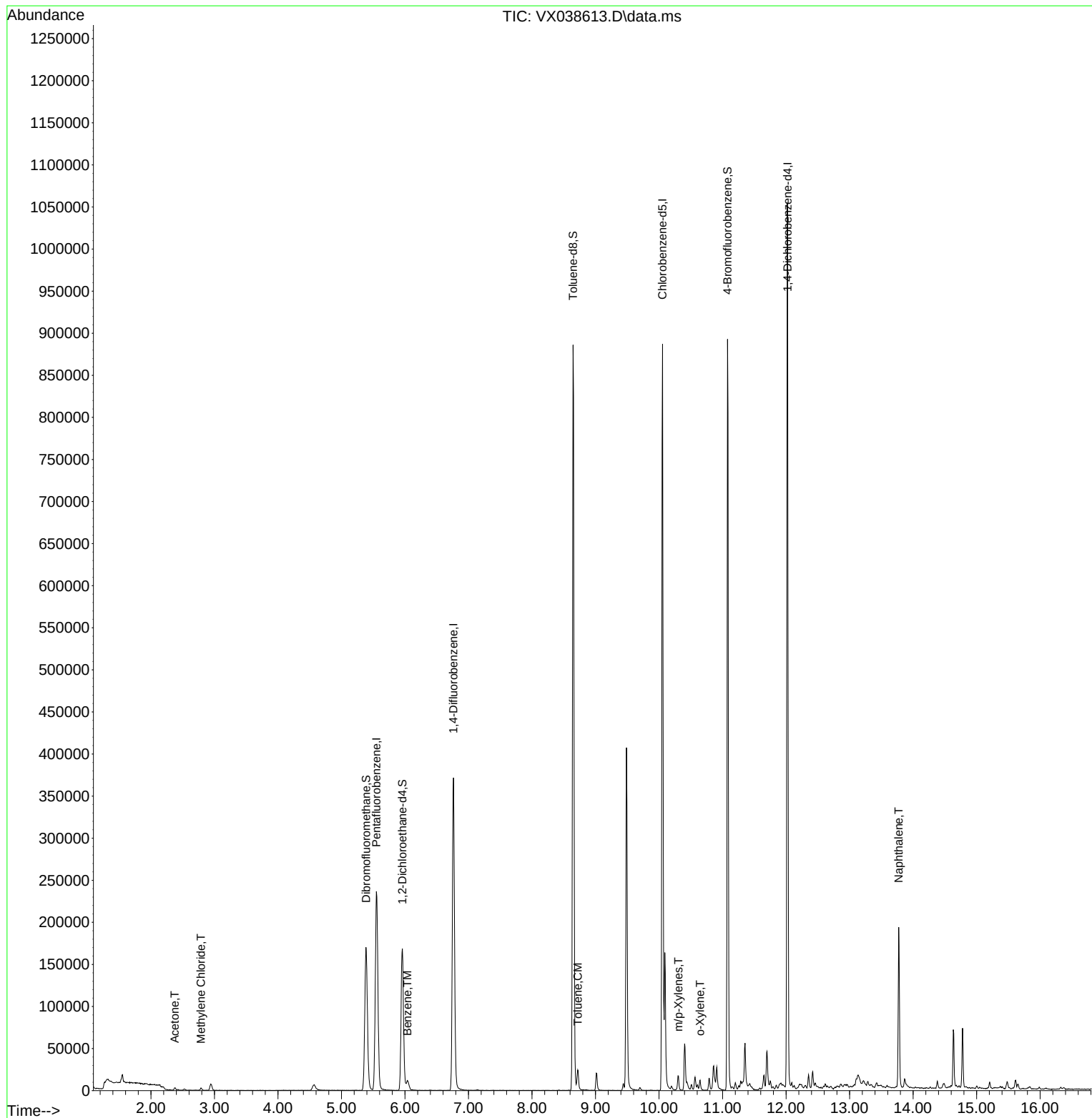
Internal Standards						
1) Pentafluorobenzene	5.550	168	238880	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	396419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165930	43.186	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.380%
35) Dibromofluoromethane	5.385	113	149064	52.185	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	8.647	98	550203	50.407	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.079	95	235045	56.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.600%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	3251	2.027	ug/l	95
20) Methylene Chloride	2.788	84	1368	0.454	ug/l	# 75
40) Benzene	6.037	78	13698	1.243	ug/l	98
52) Toluene	8.720	92	9076	1.265	ug/l	92
68) m/p-Xylenes	10.305	106	4519	0.754	ug/l	87
69) o-Xylene	10.646	106	2568	0.439	ug/l	98
95) Naphthalene	13.774	128	116061	6.746	ug/l	100

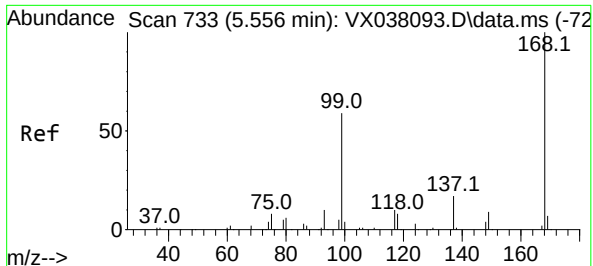
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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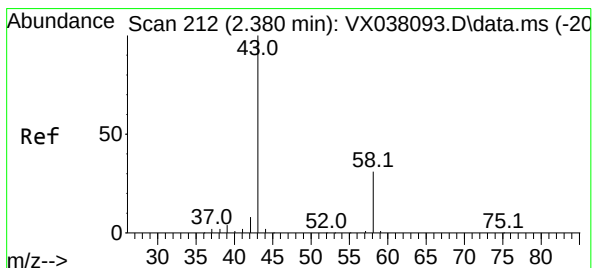
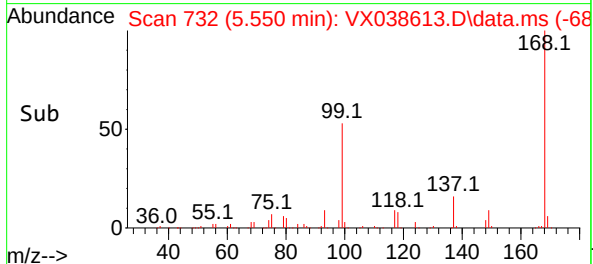
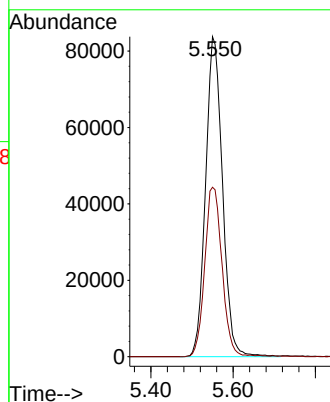
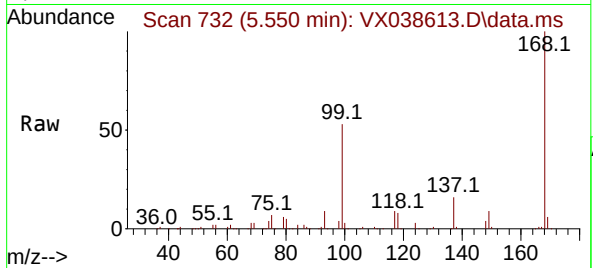




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

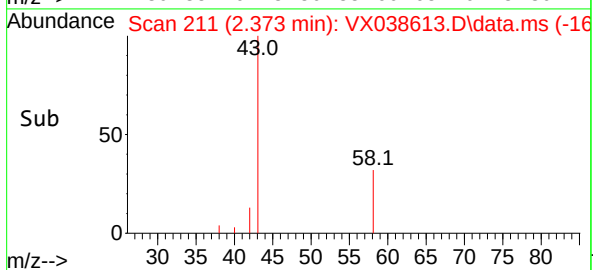
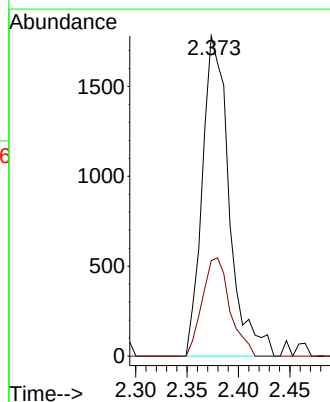
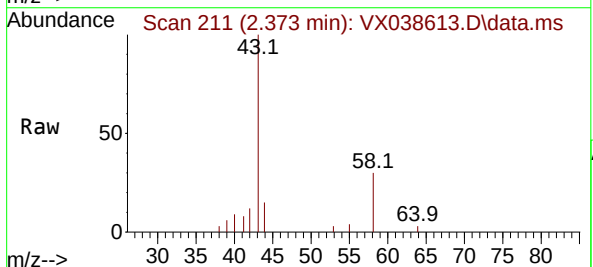
Instrument :
MSVOA_X
ClientSampleId :
1051

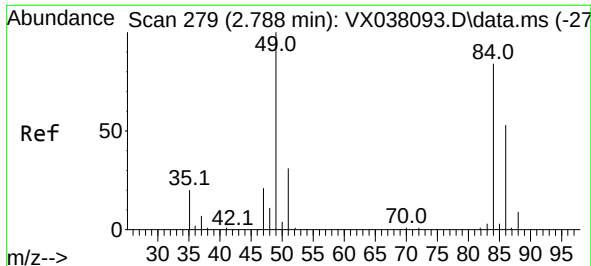
Tgt Ion:168 Resp: 238880
Ion Ratio Lower Upper
168 100
99 53.0 56.6 85.0#



#16
Acetone
Concen: 2.027 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

Tgt Ion: 43 Resp: 3251
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



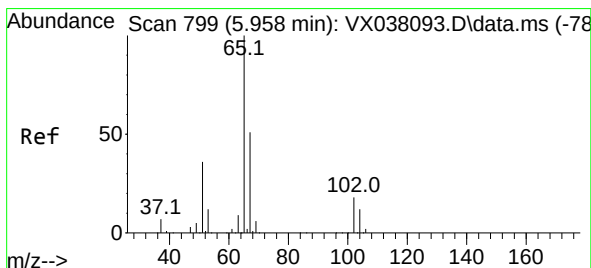
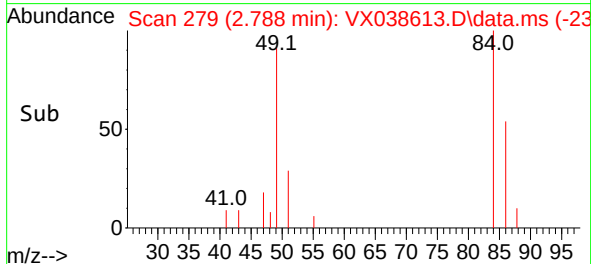
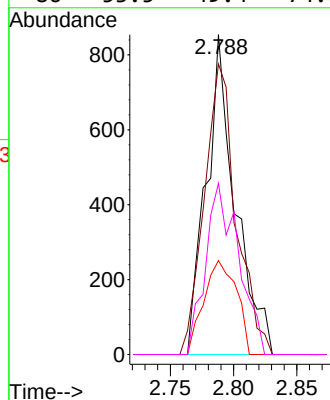
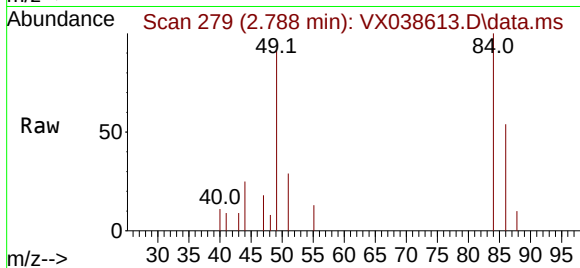


#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :
1051

Tgt Ion: 84 Resp: 1368

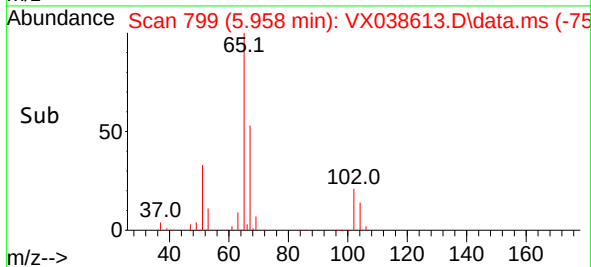
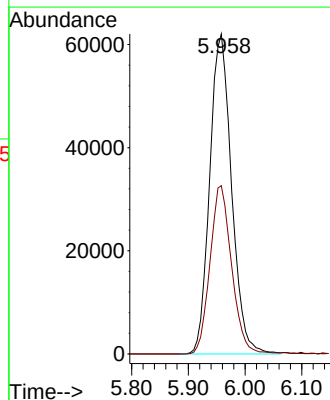
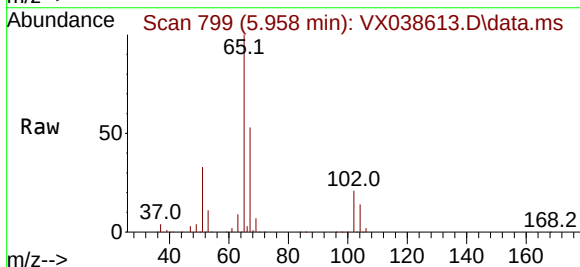
Ion	Ratio	Lower	Upper
84	100		
49	90.9	103.6	155.4#
51	29.4	33.8	50.6#
86	53.5	49.4	74.0

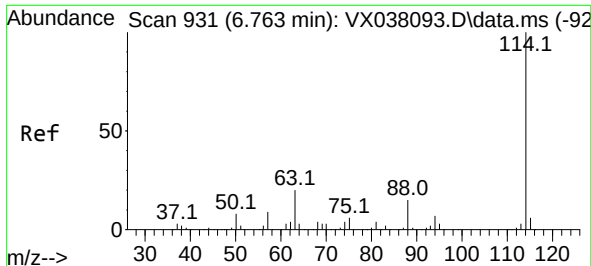


#33
1,2-Dichloroethane-d4
Concen: 43.186 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

Tgt Ion: 65 Resp: 165930

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	100.2

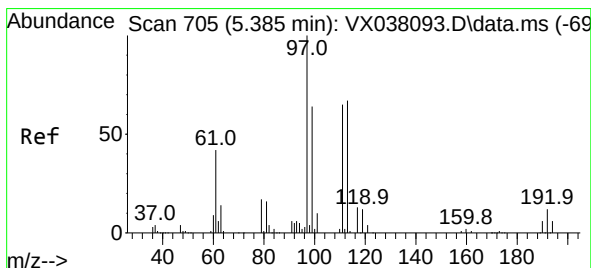
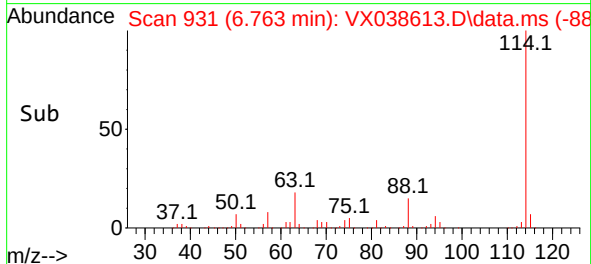
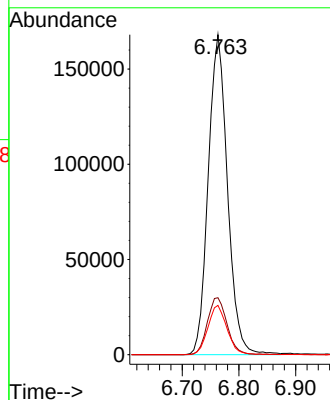
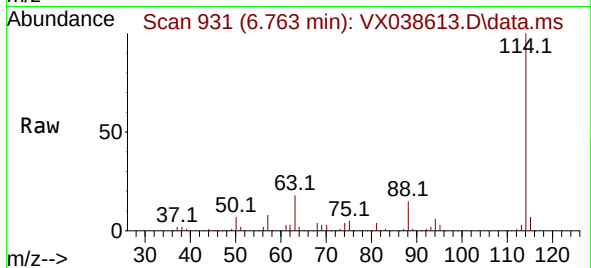




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

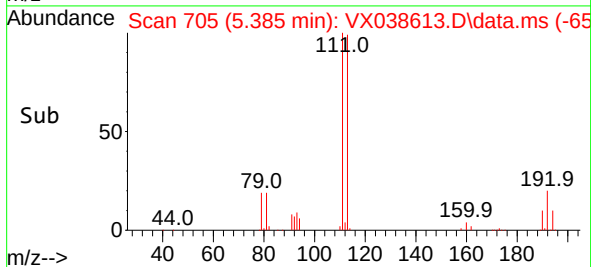
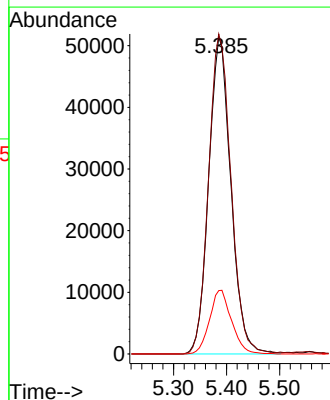
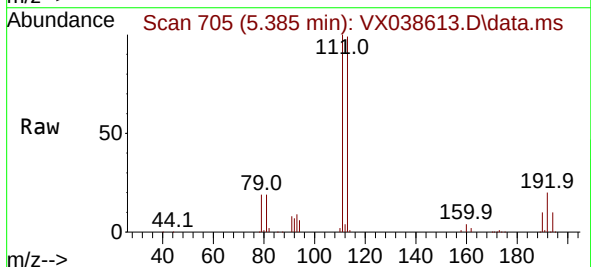
Instrument :
MSVOA_X
ClientSampleId :
1051

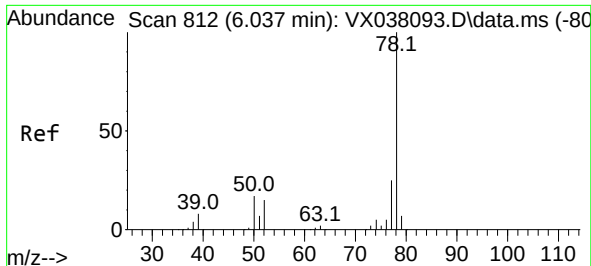
Tgt Ion:114 Resp: 396419
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.185 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

Tgt Ion:113 Resp: 149064
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 20.0 13.3 19.9#





#40

Benzene

Concen: 1.243 ug/l

RT: 6.037 min Scan# 81

Delta R.T. -0.001 min

Lab File: VX038613.D

Acq: 27 Oct 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

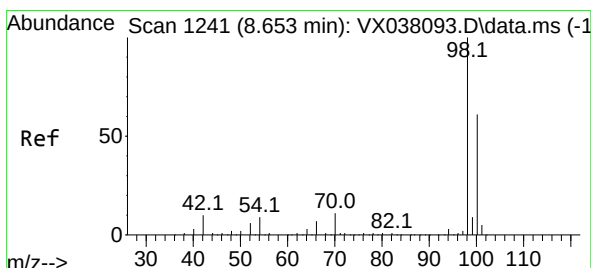
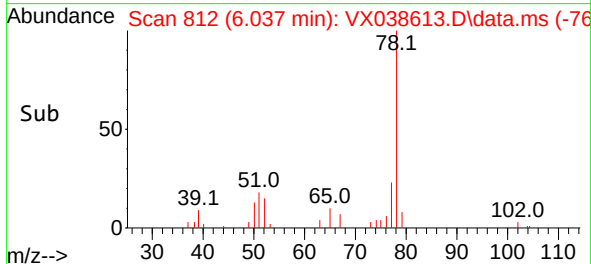
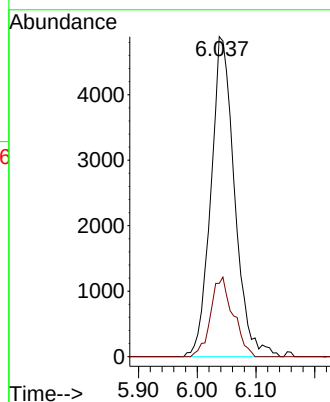
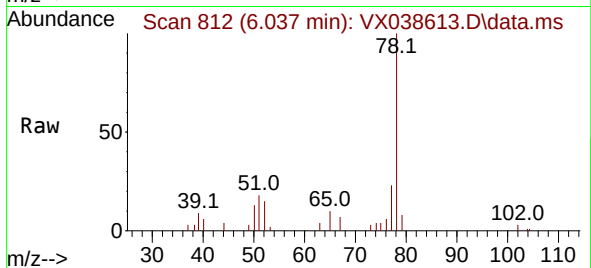
1051

Tgt Ion: 78 Resp: 13698

Ion Ratio Lower Upper

78 100

77 22.9 19.3 28.9



#50

Toluene-d8

Concen: 50.407 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038613.D

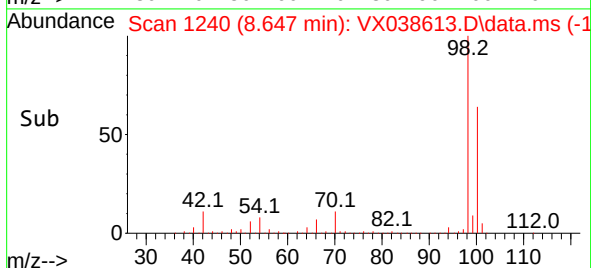
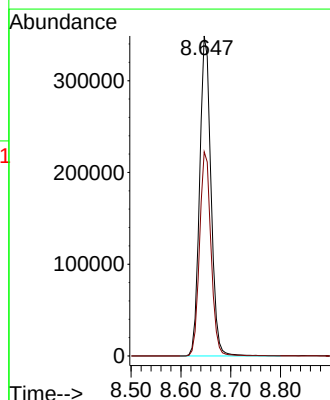
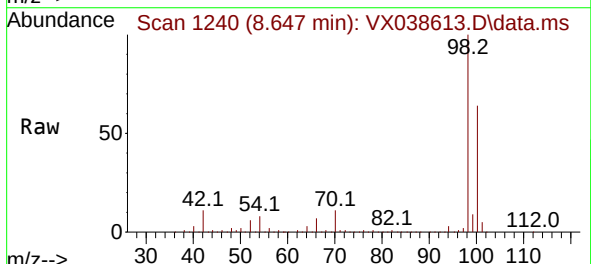
Acq: 27 Oct 2023 19:18

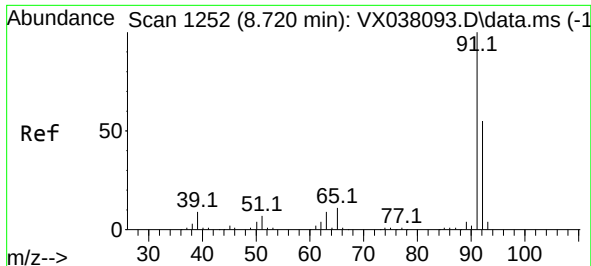
Tgt Ion: 98 Resp: 550203

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

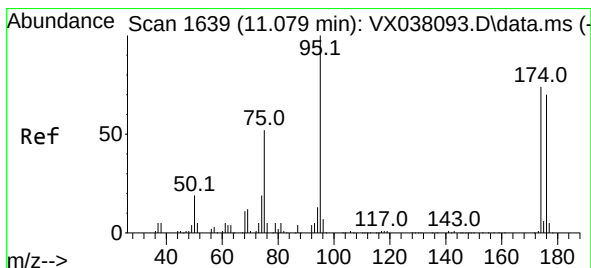
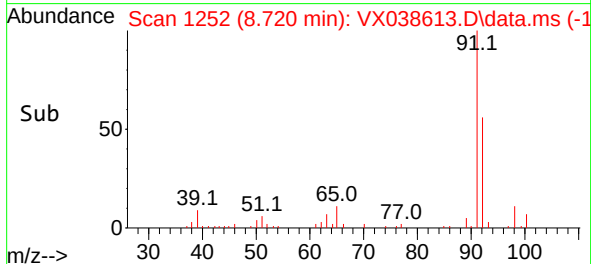
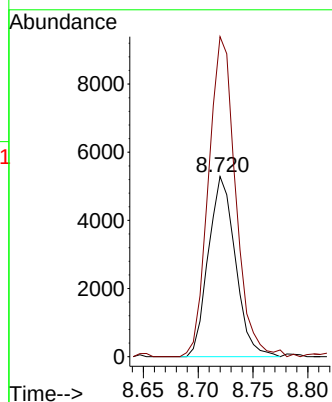
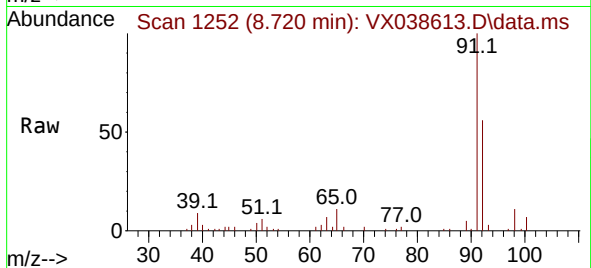




#52
Toluene
Concen: 1.265 ug/l
RT: 8.720 min Scan# 11051
Delta R.T. -0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

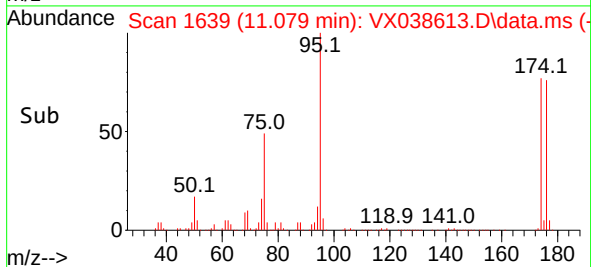
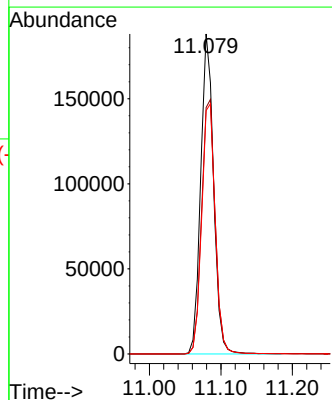
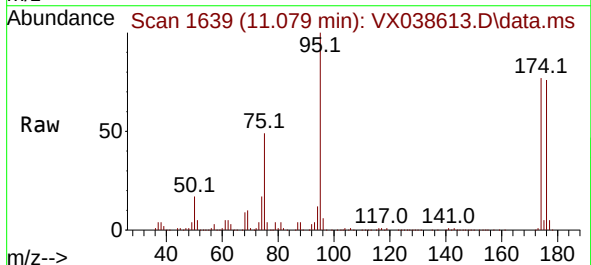
Instrument :
MSVOA_X
ClientSampleId :
1051

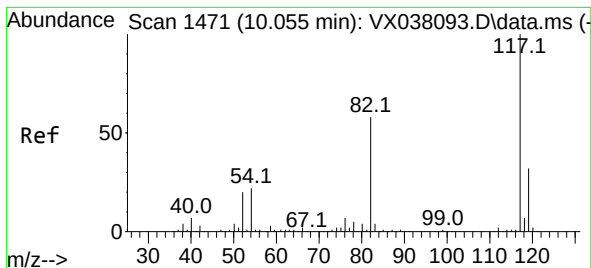
Tgt Ion: 92 Resp: 9076
Ion Ratio Lower Upper
92 100
91 178.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 56.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

Tgt Ion: 95 Resp: 235045
Ion Ratio Lower Upper
95 100
174 84.0 0.0 135.6
176 82.4 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: VX038613.D

Acq: 27 Oct 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

1051

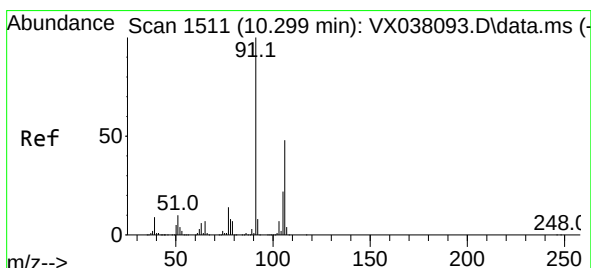
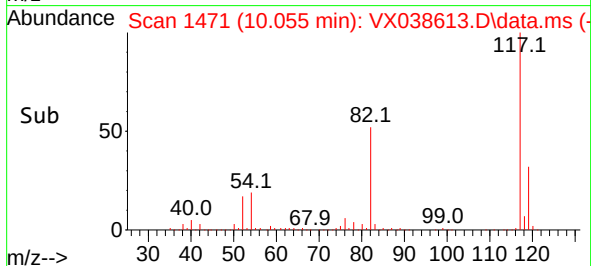
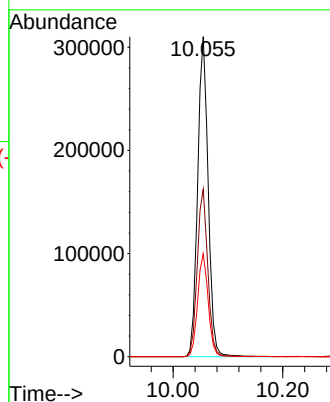
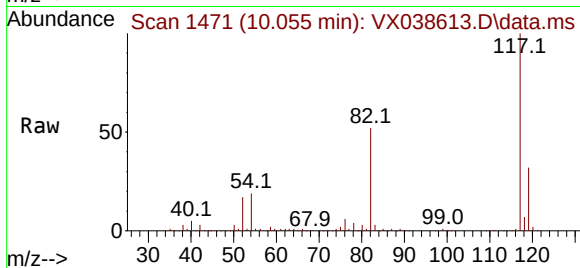
Tgt Ion:117 Resp: 415228

Ion Ratio Lower Upper

117 100

82 52.4 46.2 69.4

119 32.2 25.5 38.3



#68

m/p-Xylenes

Concen: 0.754 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX038613.D

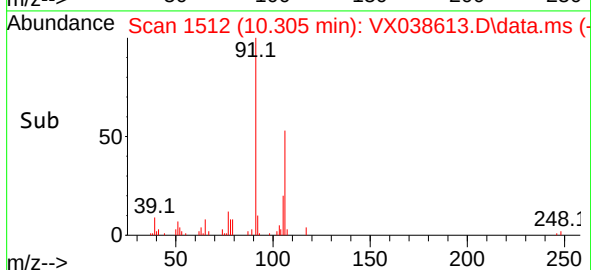
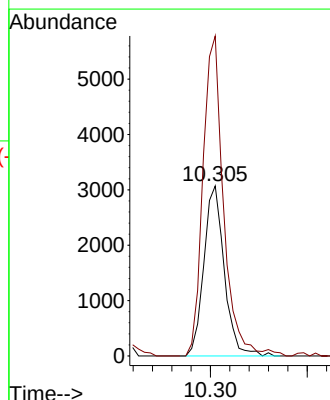
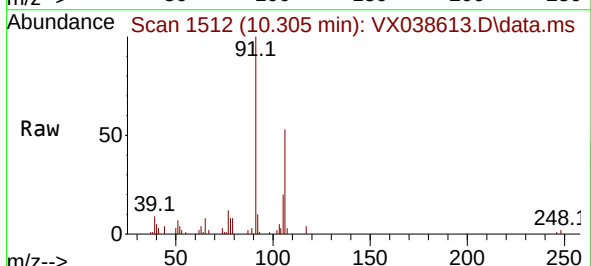
Acq: 27 Oct 2023 19:18

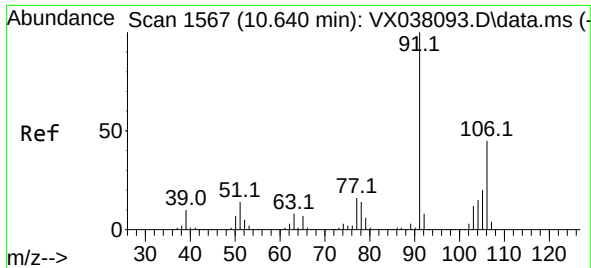
Tgt Ion:106 Resp: 4519

Ion Ratio Lower Upper

106 100

91 187.1 165.5 248.3

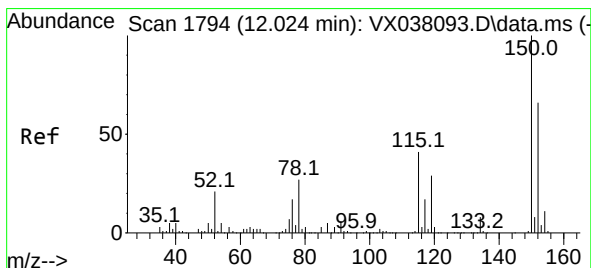
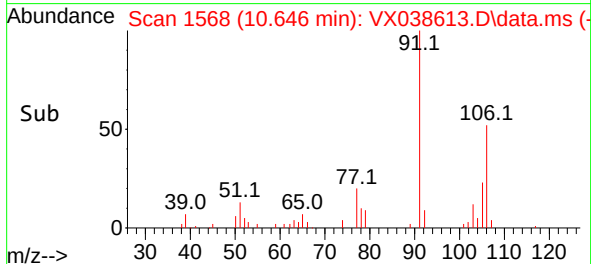
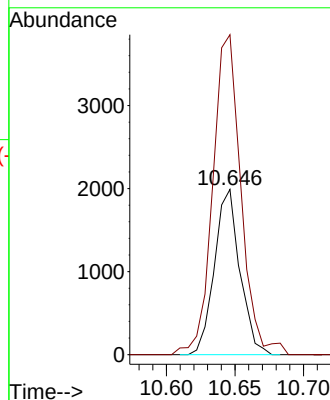
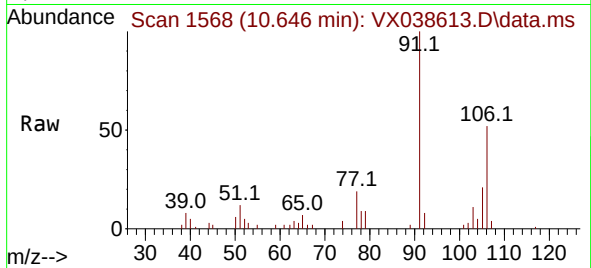




#69
o-Xylene
Concen: 0.439 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

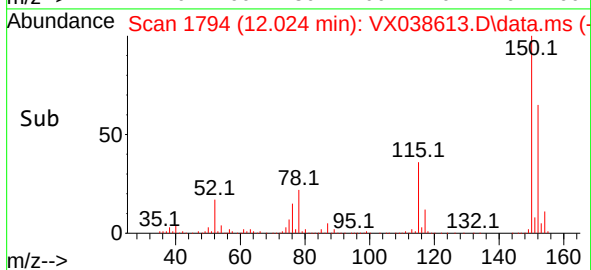
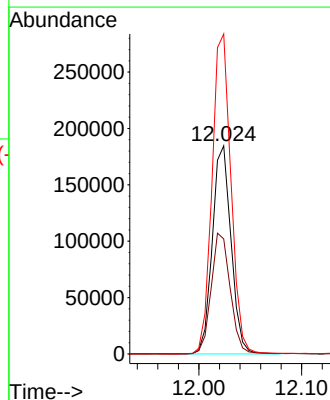
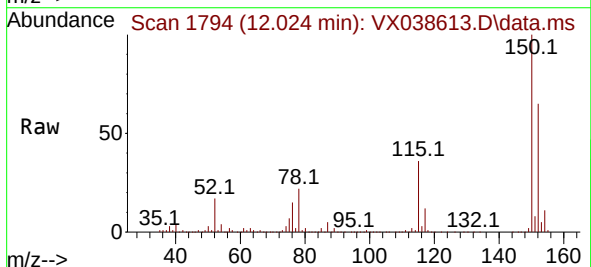
Instrument :
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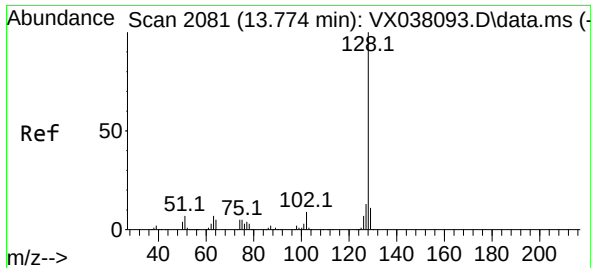
Tgt Ion:106 Resp: 2568
Ion Ratio Lower Upper
106 100
91 214.8 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

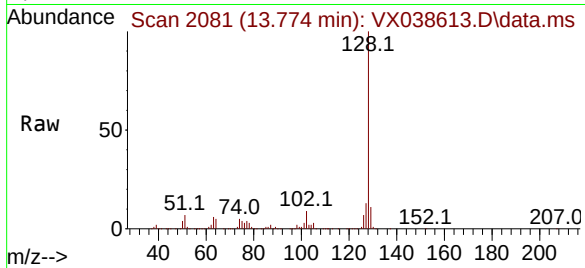
Tgt Ion:152 Resp: 232998
Ion Ratio Lower Upper
152 100
115 59.0 43.3 129.9
150 156.0 0.0 345.0





#95
Naphthalene
Concen: 6.746 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX038613.D
Acq: 27 Oct 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :
1051



Tgt Ion:128 Resp: 116061
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2

