

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038009.D
 Acq On : 30 Sep 2023 17:13
 Operator : JC/MD
 Sample : 04647-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-6

Quant Time: Oct 02 02:14:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

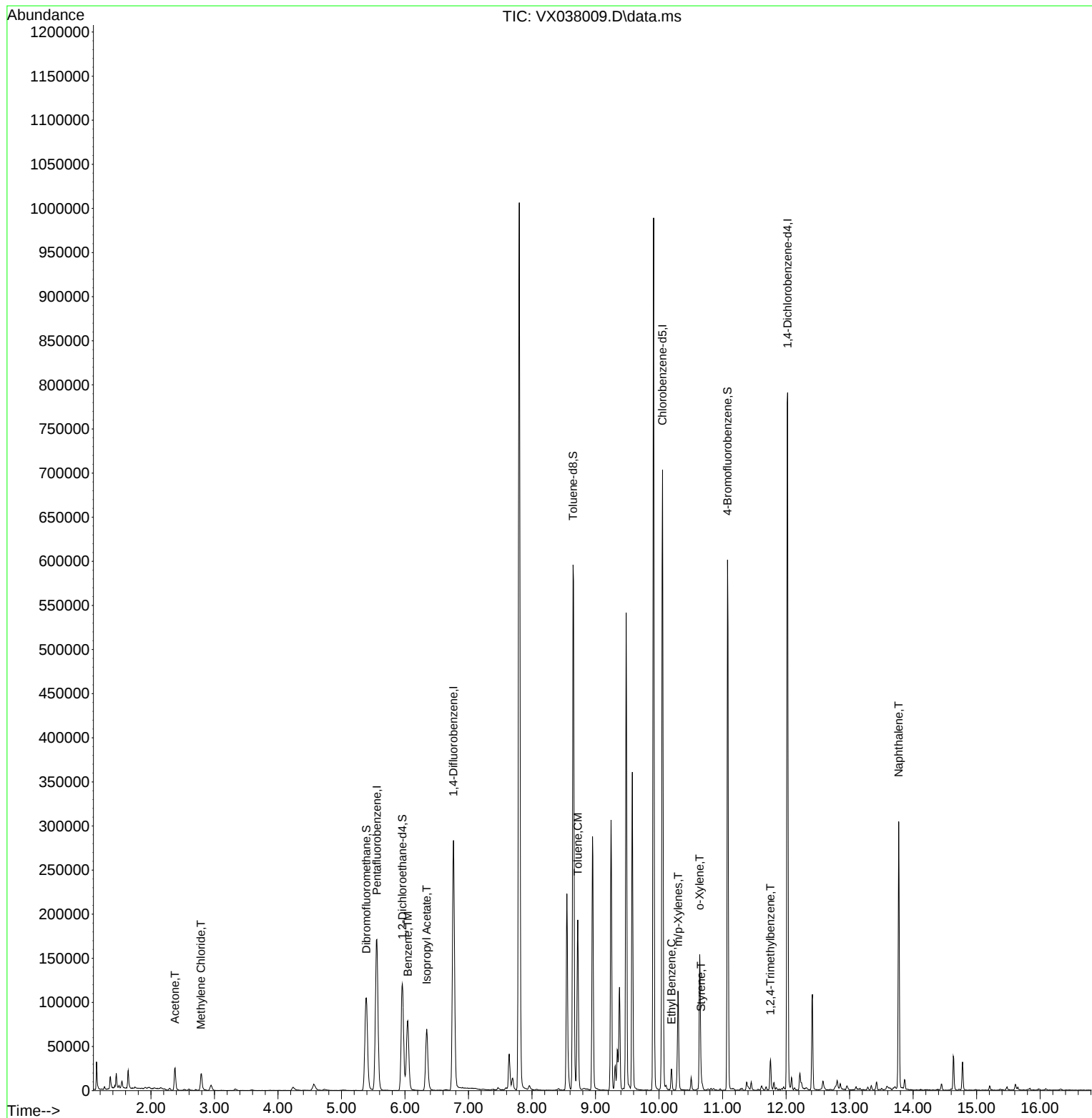
Internal Standards						
1) Pentafluorobenzene	5.556	168	157299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279970	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117873	57.035	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.080%
35) Dibromofluoromethane	5.391	113	92403	49.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.647	98	353600	50.801	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	144845	57.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.540%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	26779	26.935	ug/l #	89
20) Methylene Chloride	2.788	84	8888	4.813	ug/l	98
40) Benzene	6.043	78	94957	11.966	ug/l	98
43) Isopropyl Acetate	6.342	43	92929	20.486	ug/l	98
52) Toluene	8.720	92	69856	13.659	ug/l	93
67) Ethyl Benzene	10.195	91	13585	1.229	ug/l	94
68) m/p-Xylenes	10.299	106	24220	5.669	ug/l	99
69) o-Xylene	10.640	106	15905	3.712	ug/l	97
70) Styrene	10.659	104	8126	1.181	ug/l #	77
84) 1,2,4-Trimethylbenzene	11.756	105	13806	1.421	ug/l	85
95) Naphthalene	13.774	128	177128	16.320	ug/l	99

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

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S-6

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Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration

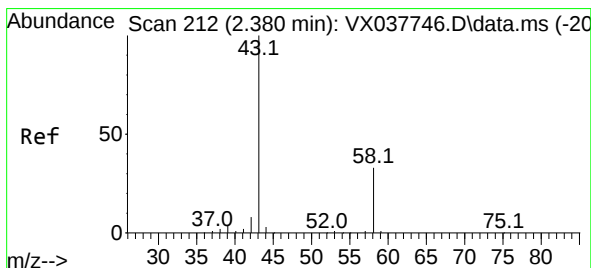
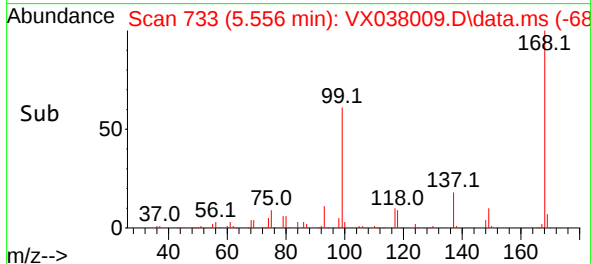
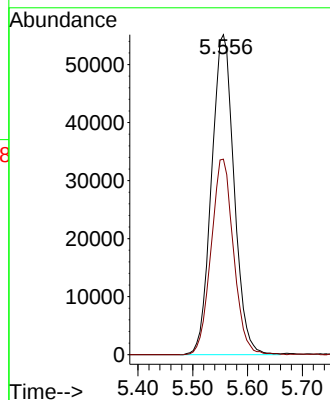
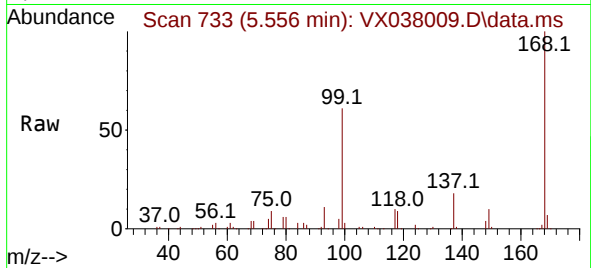




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

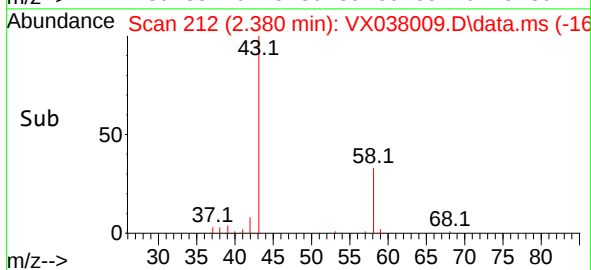
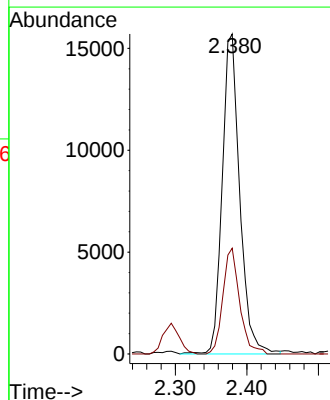
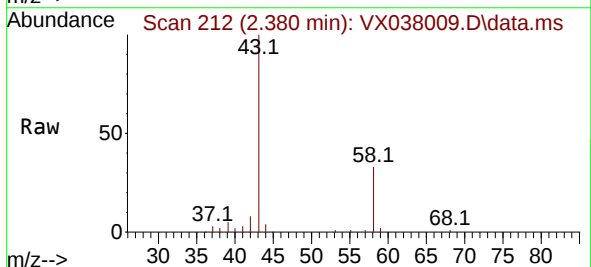
Instrument :
MSVOA_X
ClientSampleId :
S-6

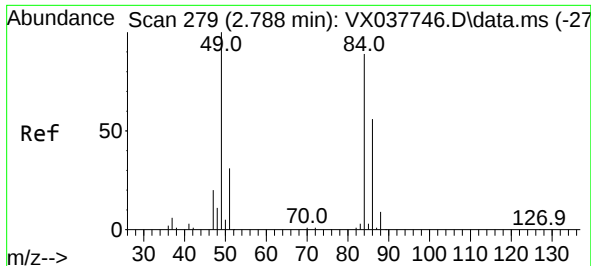
Tgt Ion:168 Resp: 157299
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#16
Acetone
Concen: 26.935 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

Tgt Ion: 43 Resp: 26779
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#



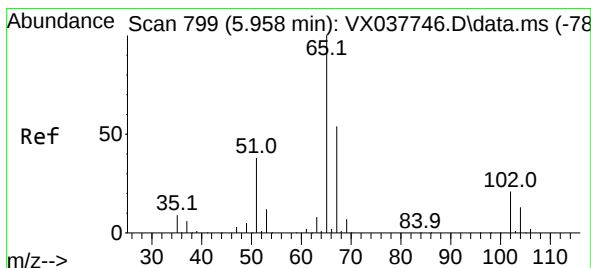
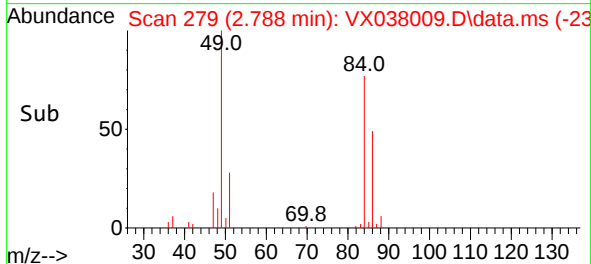
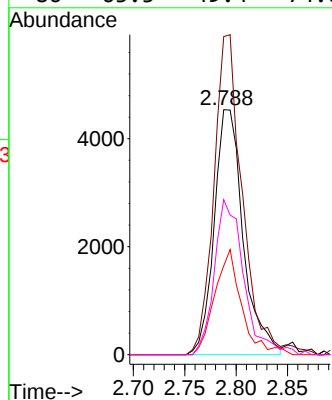
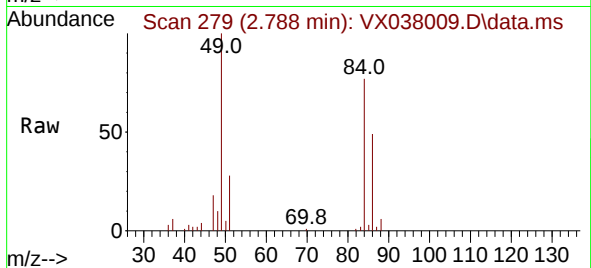


#20
Methylene Chloride
Concen: 4.813 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :
S-6

Tgt Ion: 84 Resp: 8888

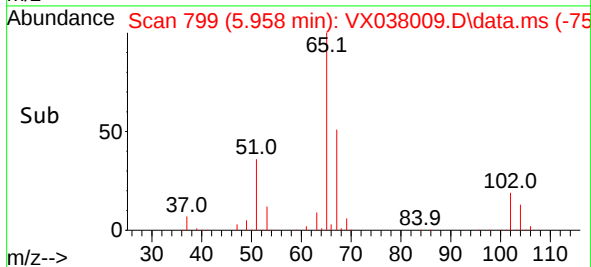
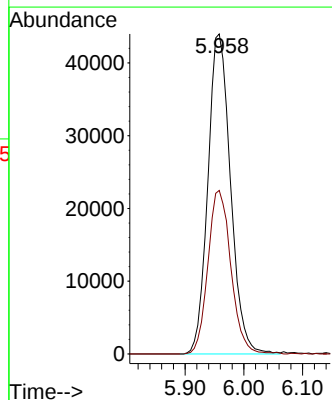
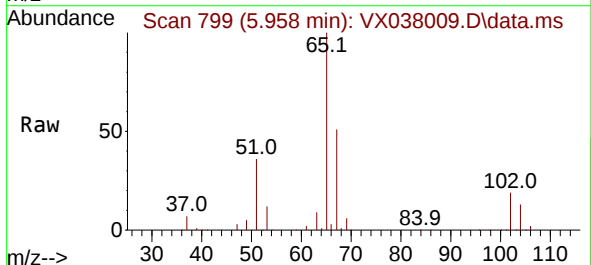
Ion	Ratio	Lower	Upper
84	100		
49	129.9	103.6	155.4
51	36.2	33.8	50.6
86	63.3	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 57.035 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

Tgt Ion: 65 Resp: 117873

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	100.2

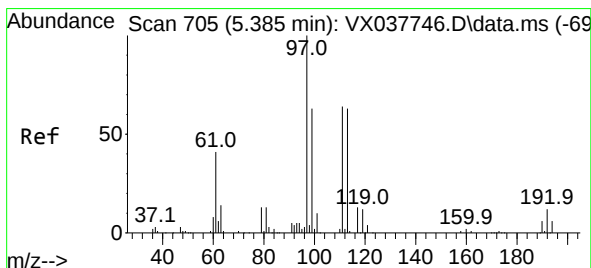
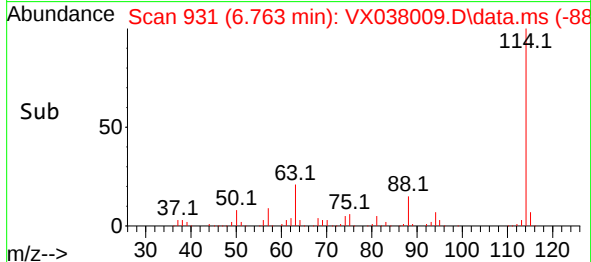
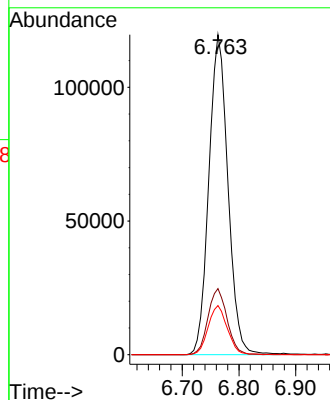
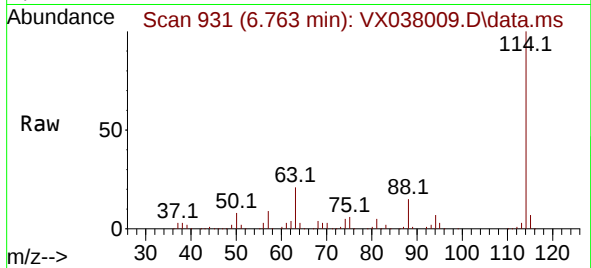




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

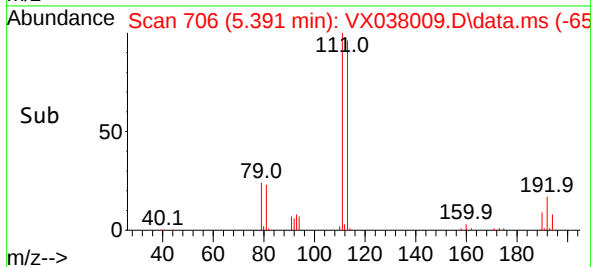
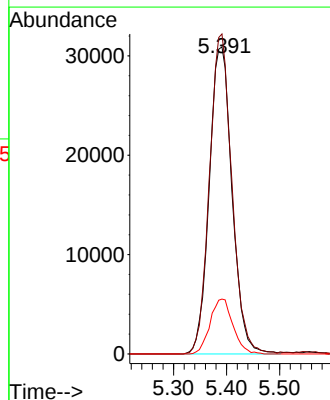
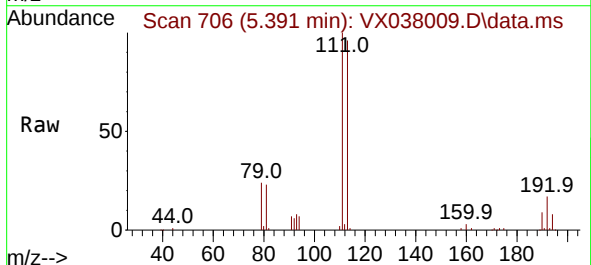
Instrument :
MSVOA_X
ClientSampleId :
S-6

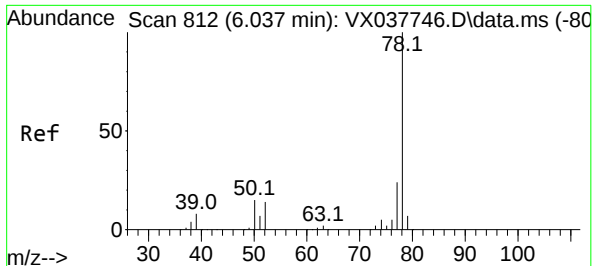
Tgt Ion:114 Resp: 279970
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.326 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

Tgt Ion:113 Resp: 92403
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.9 13.3 19.9

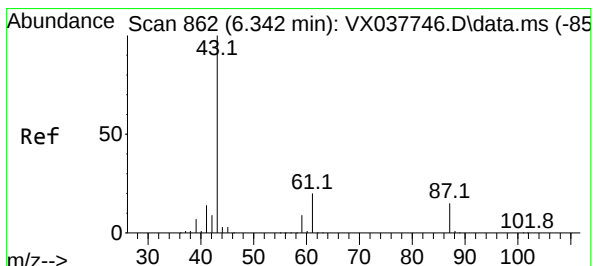
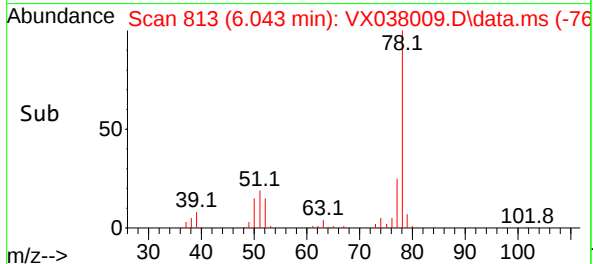
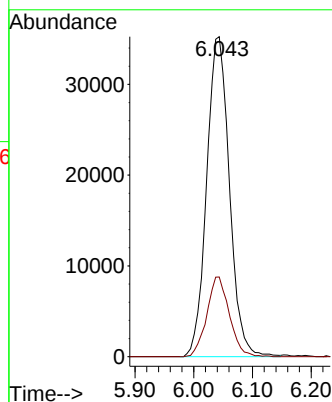
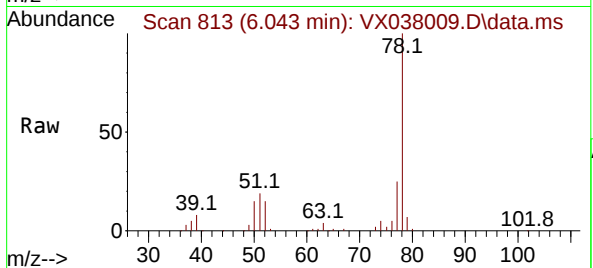




#40
Benzene
Concen: 11.966 ug/l
RT: 6.043 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

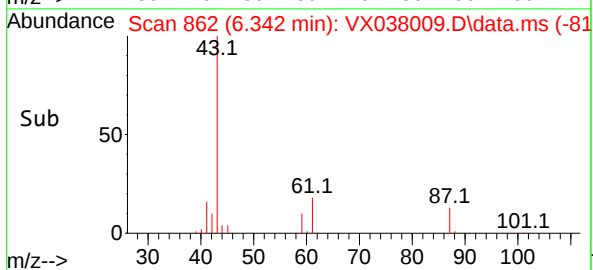
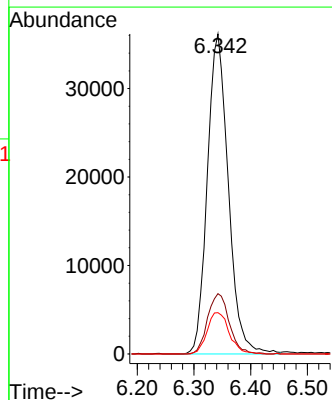
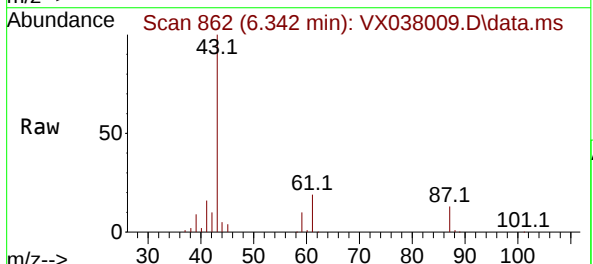
Instrument :
MSVOA_X
ClientSampleId :
S-6

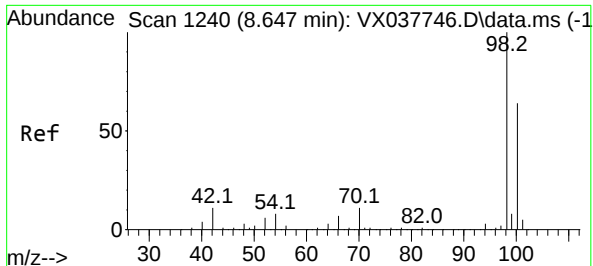
Tgt Ion: 78 Resp: 94957
Ion Ratio Lower Upper
78 100
77 24.9 19.3 28.9



#43
Isopropyl Acetate
Concen: 20.486 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

Tgt Ion: 43 Resp: 92929
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 13.6 9.8 14.6





#50

Toluene-d8

Concen: 50.801 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038009.D

Acq: 30 Sep 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

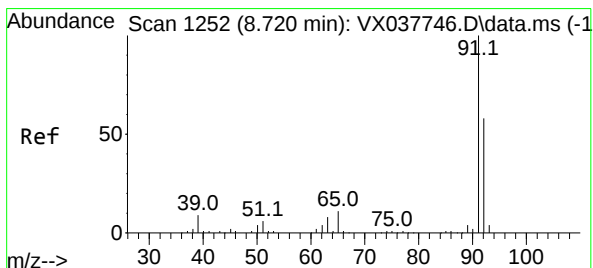
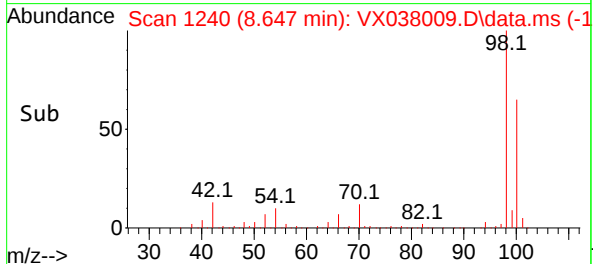
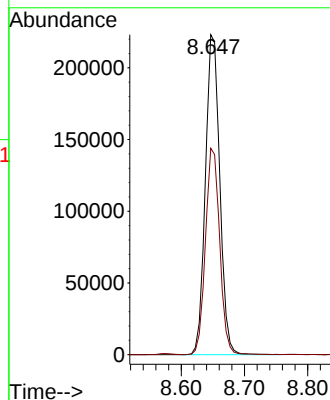
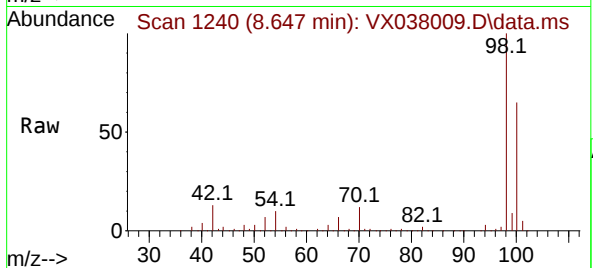
S-6

Tgt Ion: 98 Resp: 353600

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7



#52

Toluene

Concen: 13.659 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX038009.D

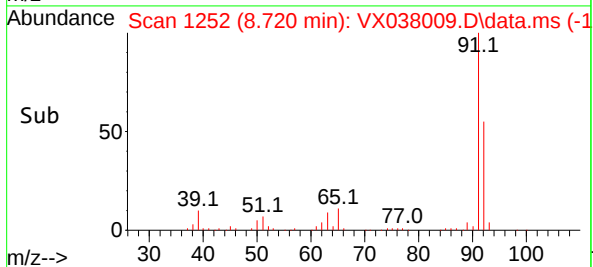
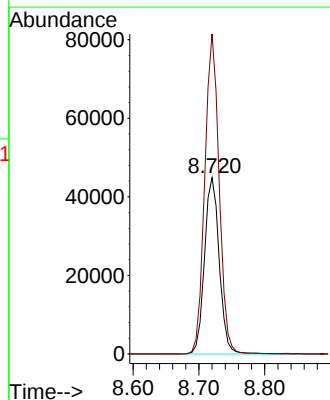
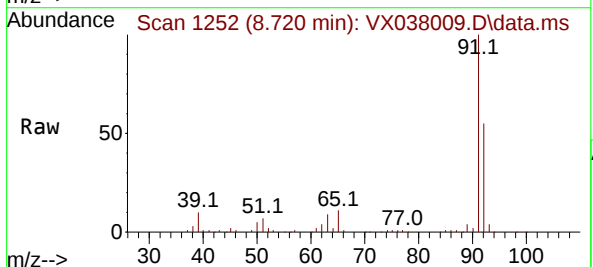
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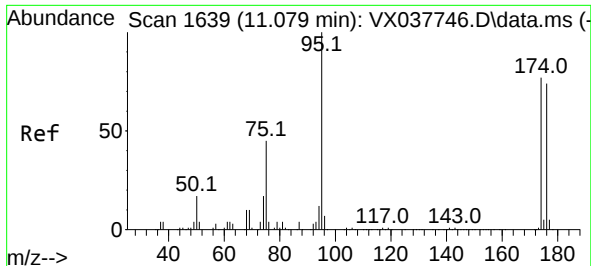
Tgt Ion: 92 Resp: 69856

Ion Ratio Lower Upper

92 100

91 177.5 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 57.267 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038009.D

Acq: 30 Sep 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

S-6

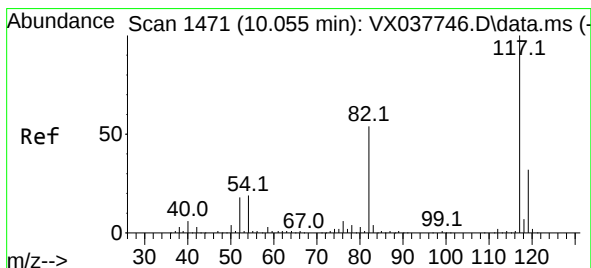
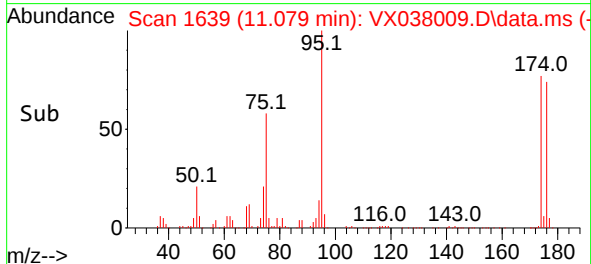
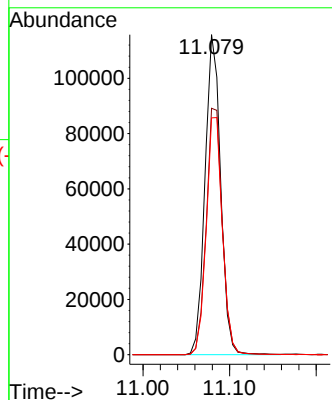
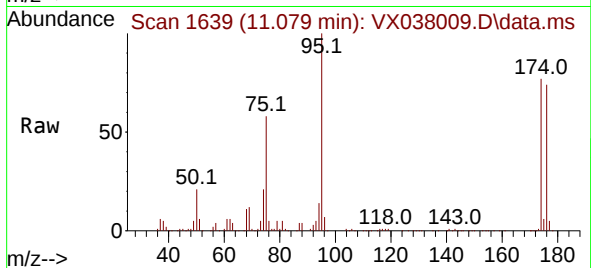
Tgt Ion: 95 Resp: 144845

Ion Ratio Lower Upper

95 100

174 79.4 0.0 135.6

176 76.8 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: VX038009.D

Acq: 30 Sep 2023 17:13

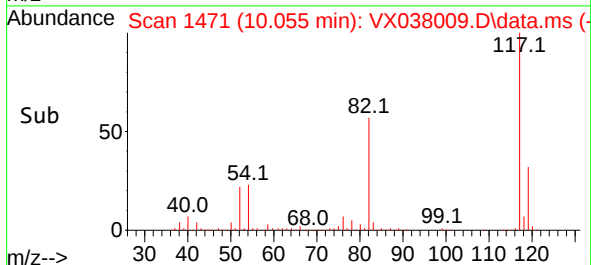
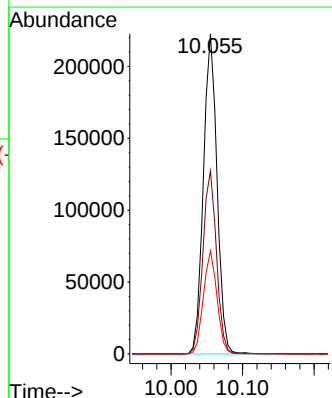
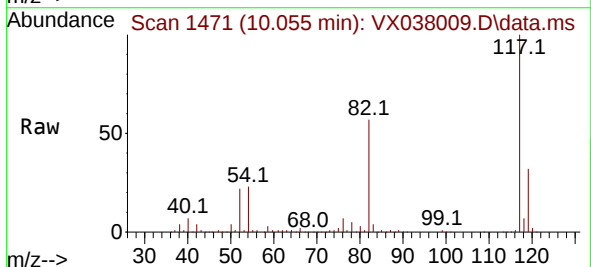
Tgt Ion: 117 Resp: 295673

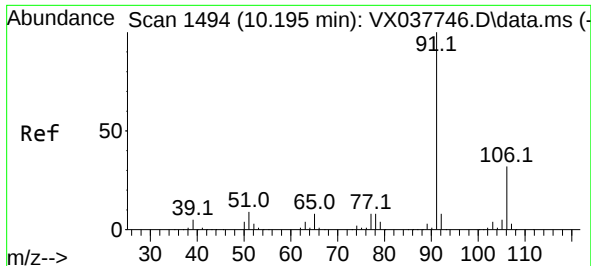
Ion Ratio Lower Upper

117 100

82 57.2 46.2 69.4

119 32.3 25.5 38.3

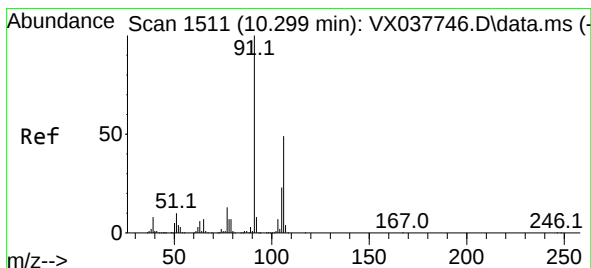
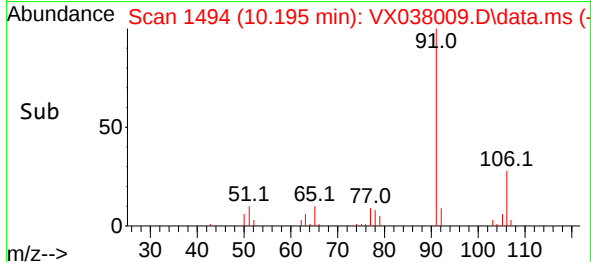
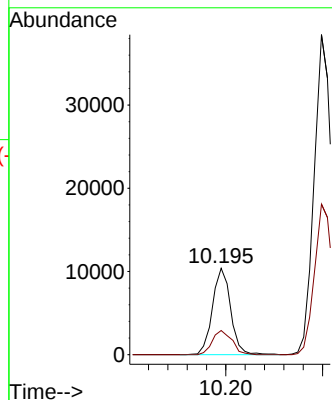
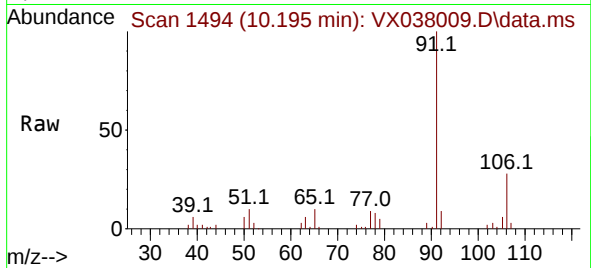




#67
Ethyl Benzene
Concen: 1.229 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

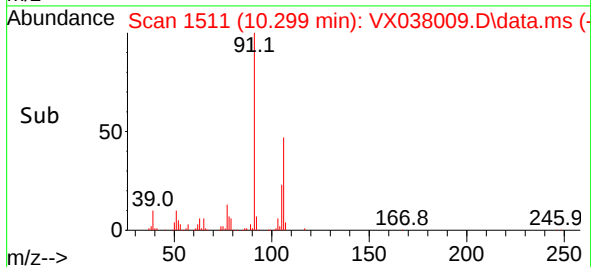
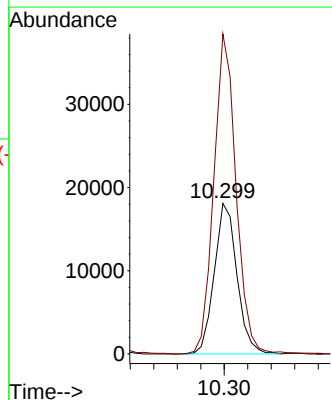
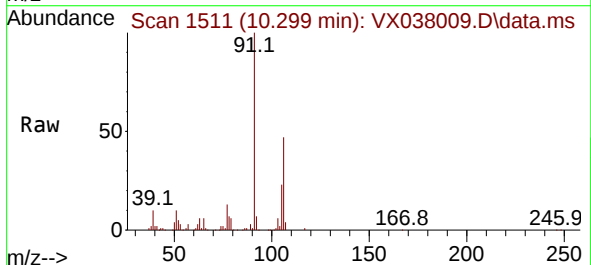
Instrument :
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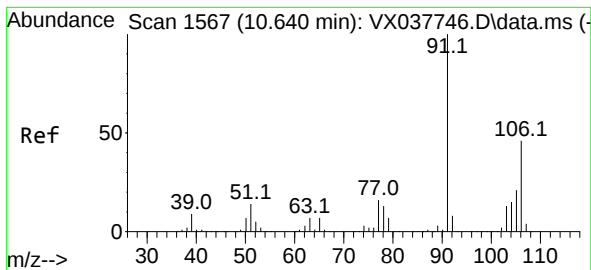
Tgt Ion: 91 Resp: 13585
Ion Ratio Lower Upper
91 100
106 27.9 24.9 37.3



#68
m/p-Xylenes
Concen: 5.669 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

Tgt Ion: 106 Resp: 24220
Ion Ratio Lower Upper
106 100
91 208.9 165.5 248.3





#69

o-Xylene

Concen: 3.712 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038009.D

Acq: 30 Sep 2023 17:13

Instrument :

MSVOA_X

ClientSampleId :

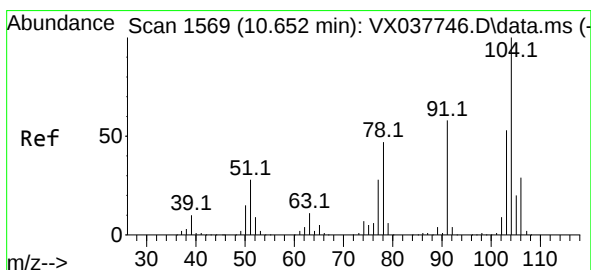
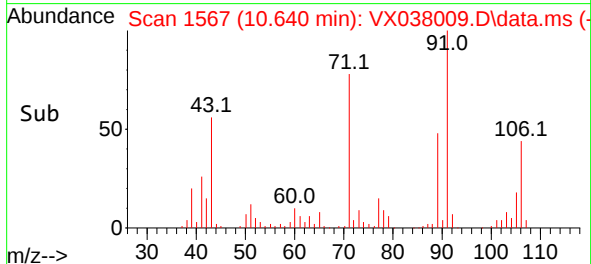
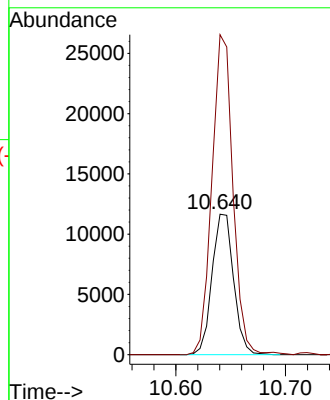
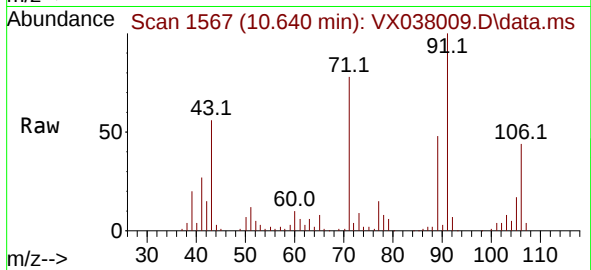
S-6

Tgt Ion:106 Resp: 15905

Ion Ratio Lower Upper

106 100

91 222.6 108.9 326.8



#70

Styrene

Concen: 1.181 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX038009.D

Acq: 30 Sep 2023 17:13

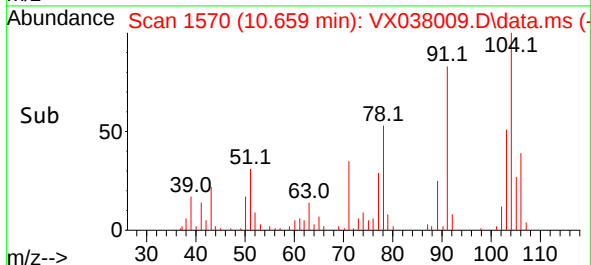
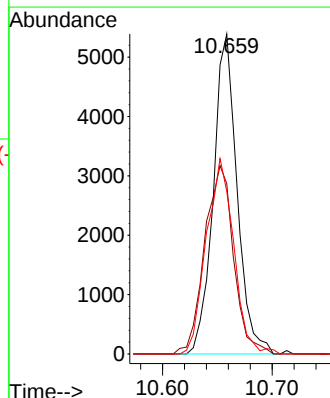
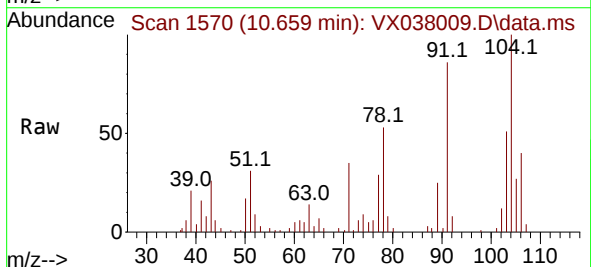
Tgt Ion:104 Resp: 8126

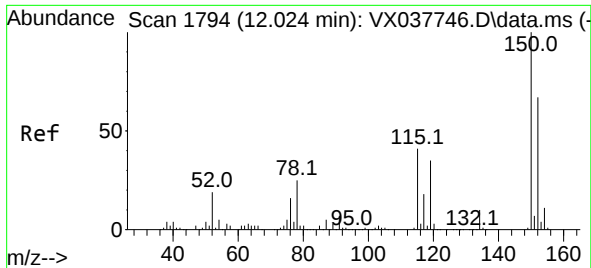
Ion Ratio Lower Upper

104 100

78 71.7 43.6 65.4#

103 70.5 43.6 65.4#

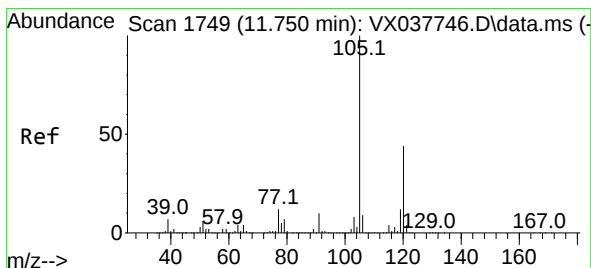
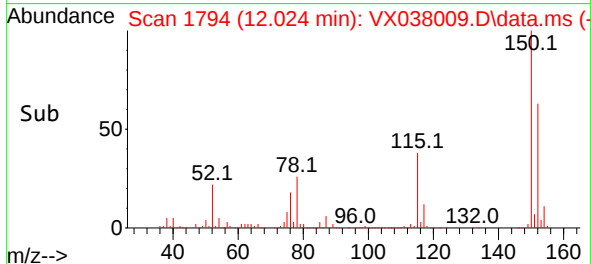
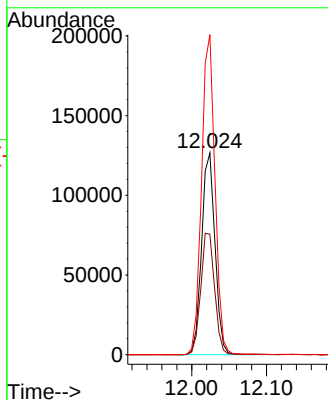
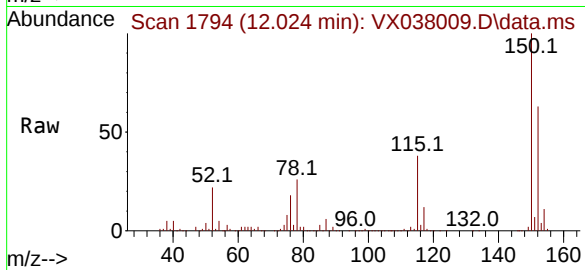




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038009.D
 Acq: 30 Sep 2023 17:13

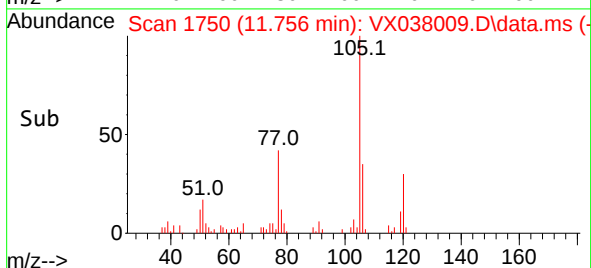
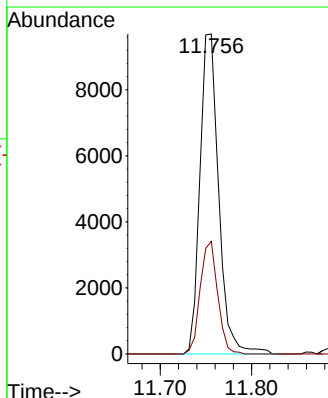
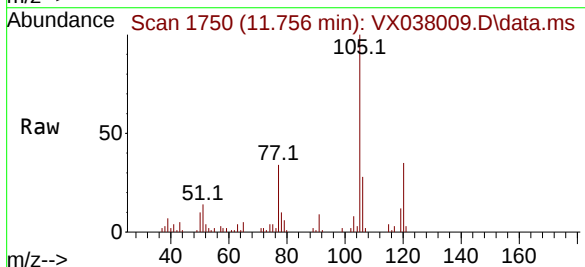
Instrument :
 MSVOA_X
 ClientSampleId :
 S-6

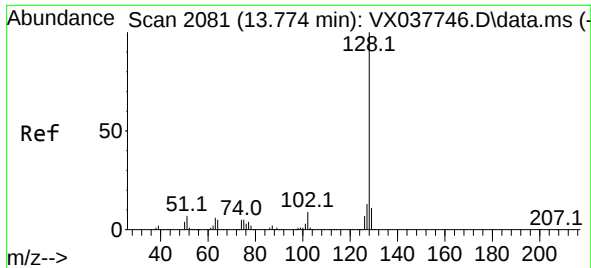
Tgt Ion:152 Resp: 157645
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 158.6 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.421 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX038009.D
 Acq: 30 Sep 2023 17:13

Tgt Ion:105 Resp: 13806
 Ion Ratio Lower Upper
 105 100
 120 32.7 21.2 63.6





#95
Naphthalene
Concen: 16.320 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX038009.D
Acq: 30 Sep 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :
S-6

Tgt Ion:128 Resp: 177128
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.8 13.2

