

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037825.D
 Acq On : 20 Sep 2023 12:00
 Operator : JC/MD
 Sample : 04511-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50095

Quant Time: Sep 21 05:54:48 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)

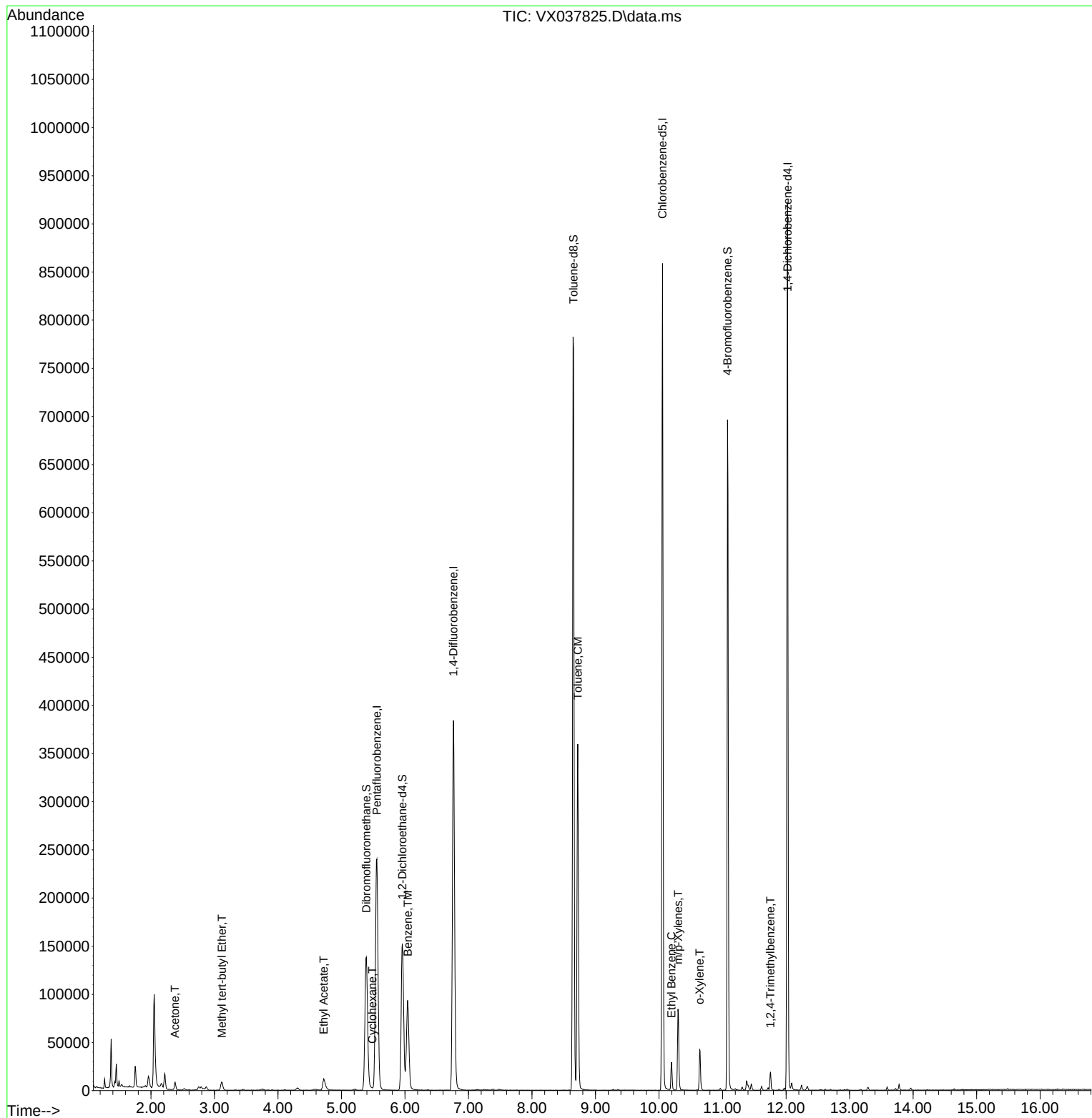
Internal Standards						
1) Pentafluorobenzene	5.556	168	236580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146514	47.136	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.280%
35) Dibromofluoromethane	5.391	113	123223	45.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.680%
50) Toluene-d8	8.653	98	486827	48.746	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	182006	50.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.300%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	8329	5.570	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	8931	1.052	ug/l	99
31) Cyclohexane	5.483	56	1133	0.284	ug/l	99
37) Ethyl Acetate	4.721	43	20540	5.046	ug/l	95
40) Benzene	6.043	78	114832	10.085	ug/l	99
52) Toluene	8.720	92	137260	18.705	ug/l	94
67) Ethyl Benzene	10.195	91	17293	1.204	ug/l	99
68) m/p-Xylenes	10.299	106	20535	3.701	ug/l	100
69) o-Xylene	10.640	106	9825	1.766	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	8838	0.733	ug/l	96

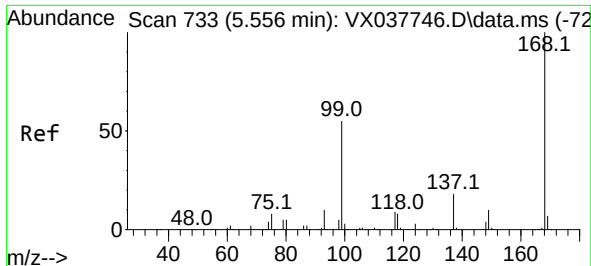
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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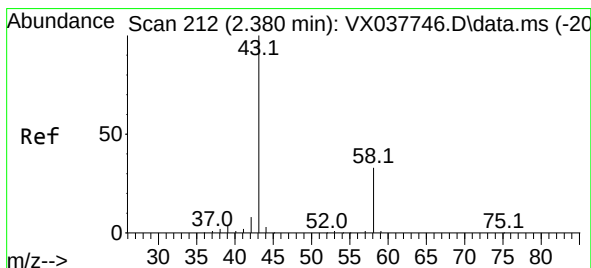
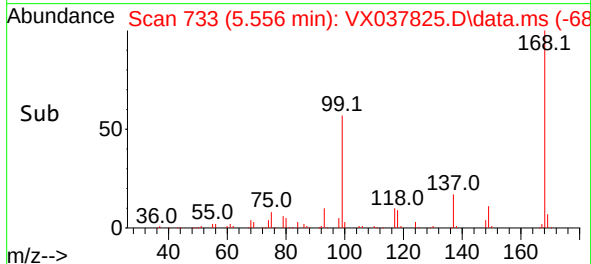
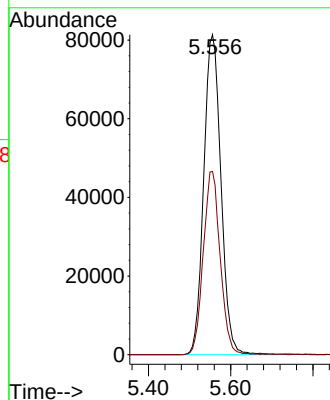
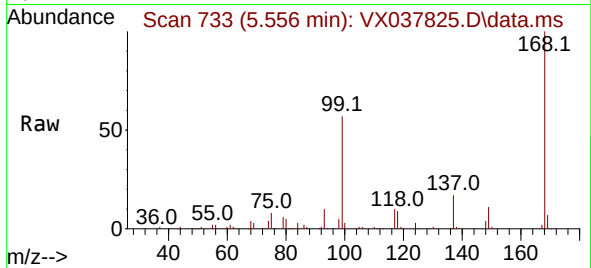




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

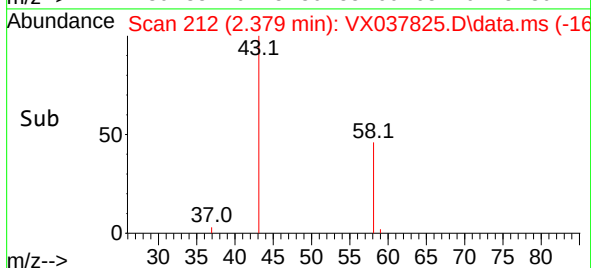
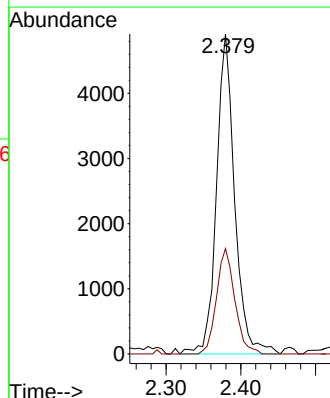
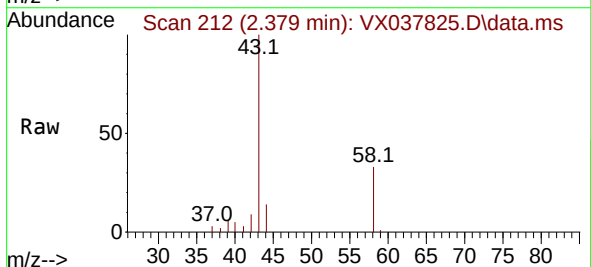
Instrument :
MSVOA_X
ClientSampleId :
50095

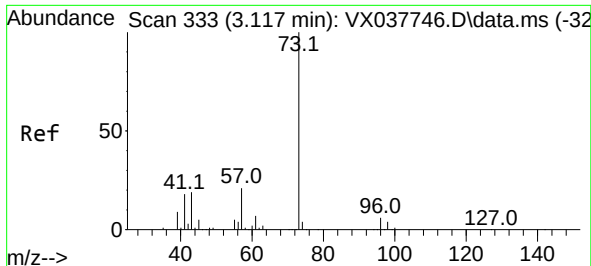
Tgt Ion:168 Resp: 236580
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#16
Acetone
Concen: 5.570 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

Tgt Ion: 43 Resp: 8329
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9#

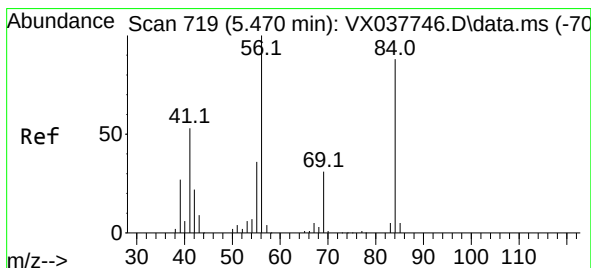
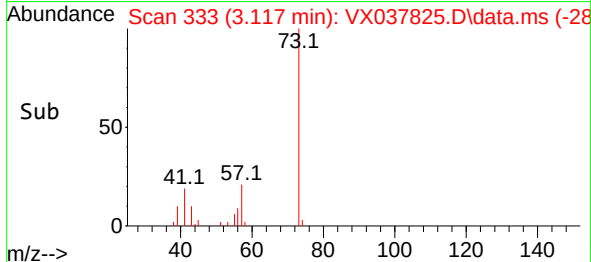
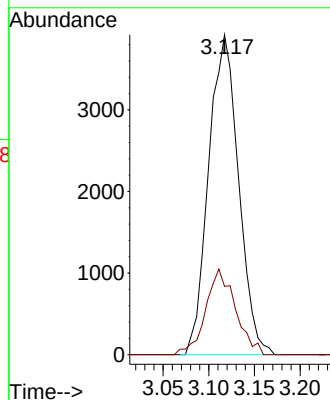
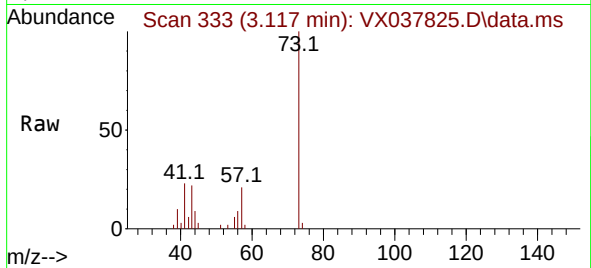




#19
Methyl tert-butyl Ether
Concen: 1.052 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

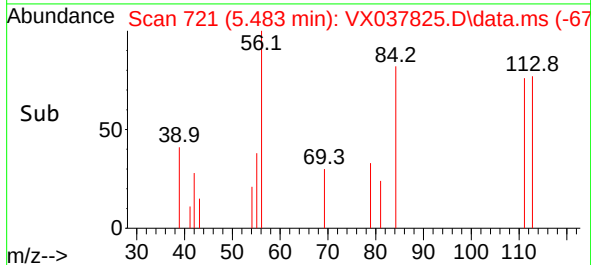
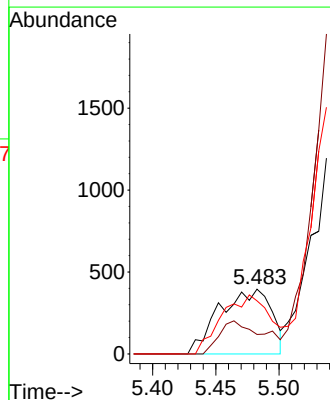
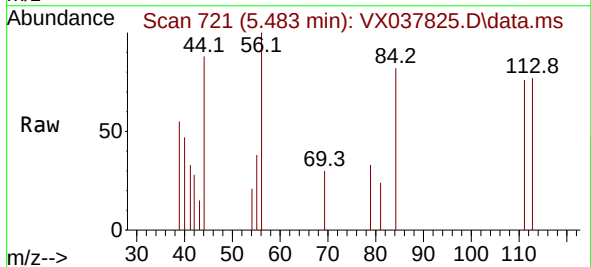
Instrument :
MSVOA_X
ClientSampleId :
50095

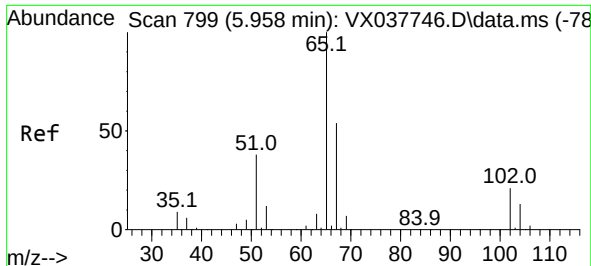
Tgt Ion: 73 Resp: 8931
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#31
Cyclohexane
Concen: 0.284 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

Tgt Ion: 56 Resp: 1133
Ion Ratio Lower Upper
56 100
69 30.1 23.4 35.2
84 82.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 47.136 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037825.D

Acq: 20 Sep 2023 12:00

Instrument :

MSVOA_X

ClientSampleId :

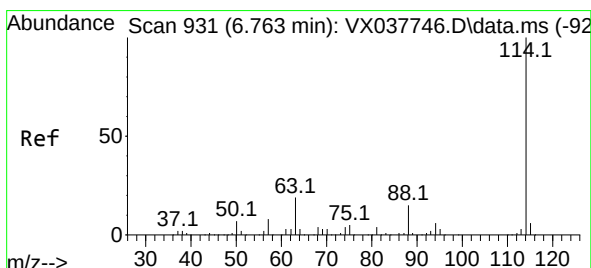
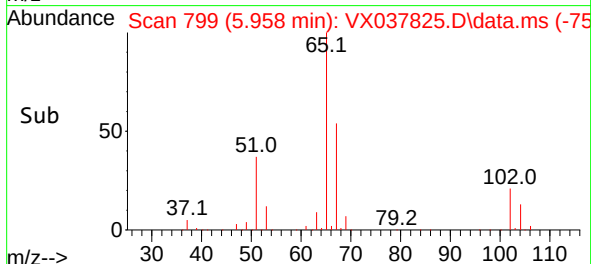
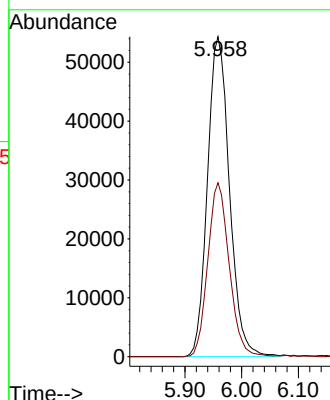
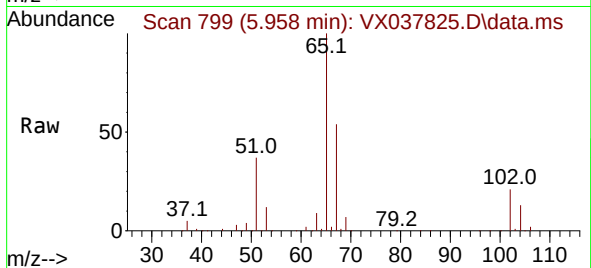
50095

Tgt Ion: 65 Resp: 146514

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037825.D

Acq: 20 Sep 2023 12:00

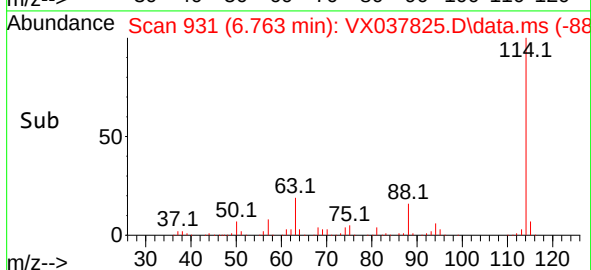
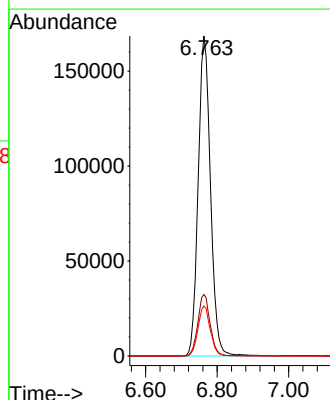
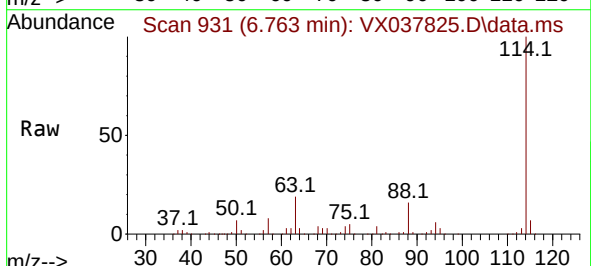
Tgt Ion: 114 Resp: 401706

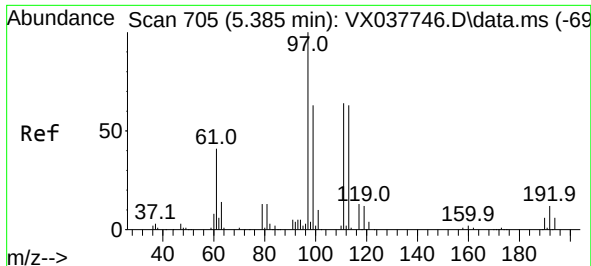
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 15.6 0.0 36.6

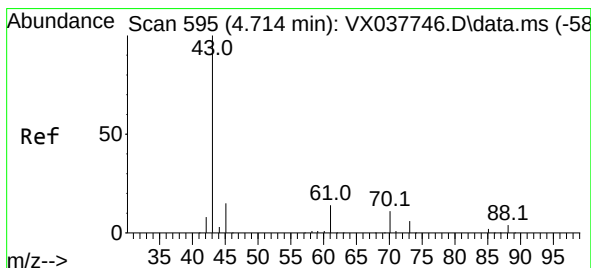
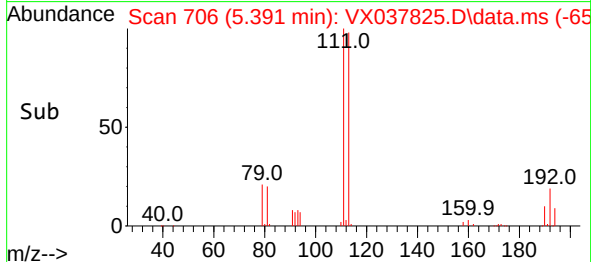
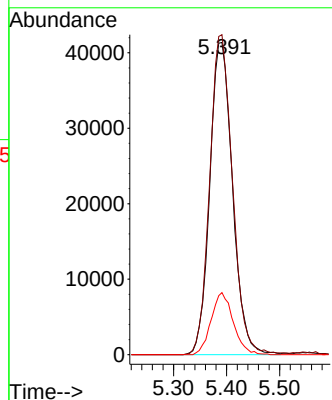
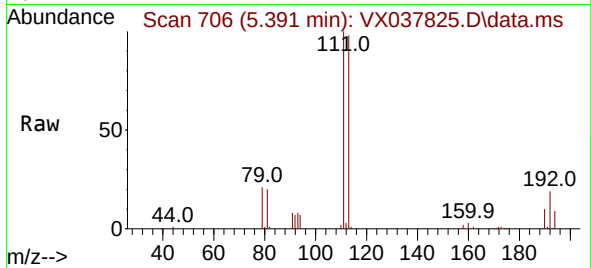




#35
Dibromofluoromethane
Concen: 45.845 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

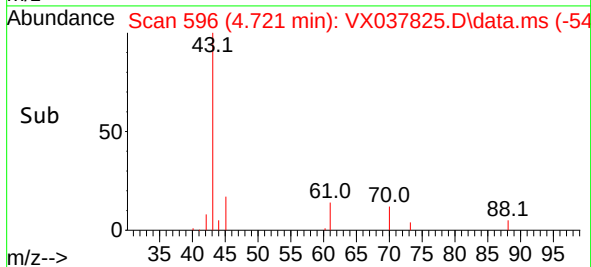
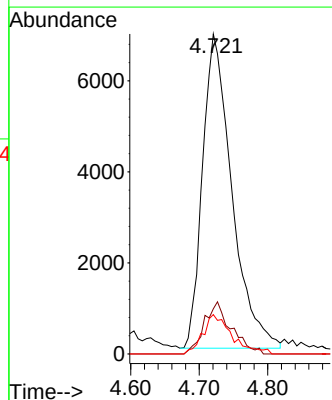
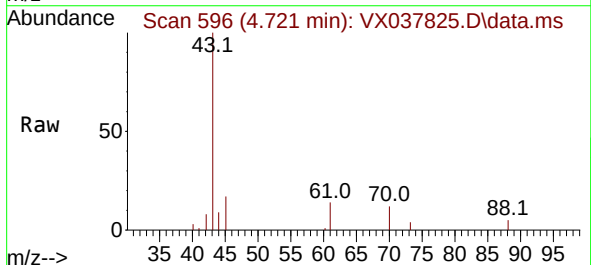
Instrument :
MSVOA_X
ClientSampleId :
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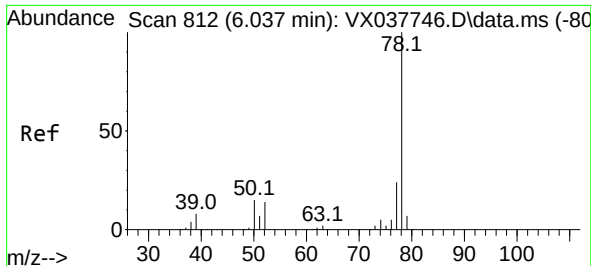
Tgt Ion:113 Resp: 123223
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.4 13.3 19.9



#37
Ethyl Acetate
Concen: 5.046 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.012 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

Tgt Ion: 43 Resp: 20540
Ion Ratio Lower Upper
43 100
61 15.3 10.6 16.0
70 12.4 8.3 12.5

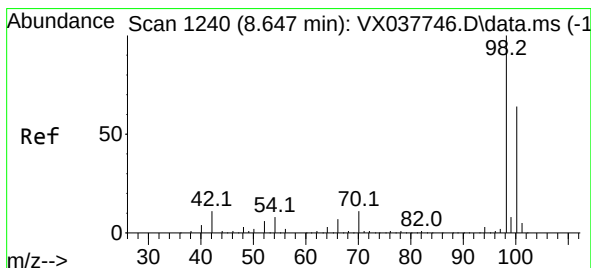
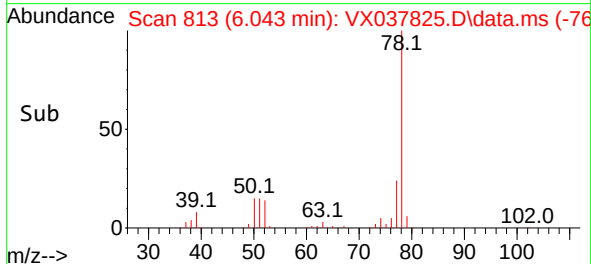
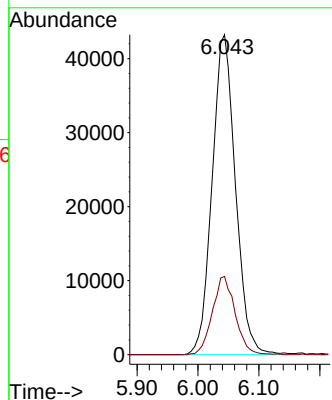
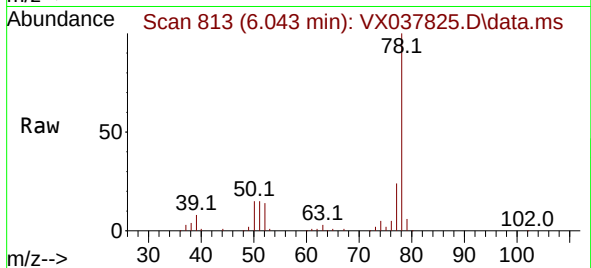




#40
Benzene
Concen: 10.085 ug/l
RT: 6.043 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

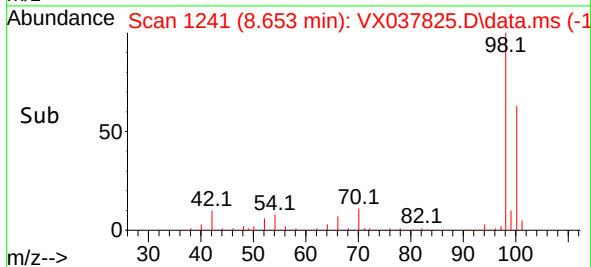
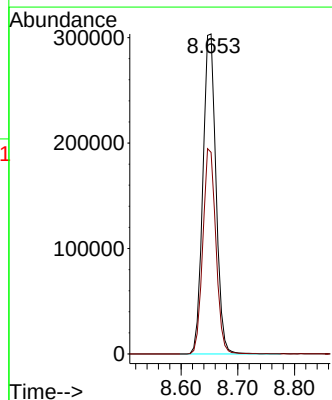
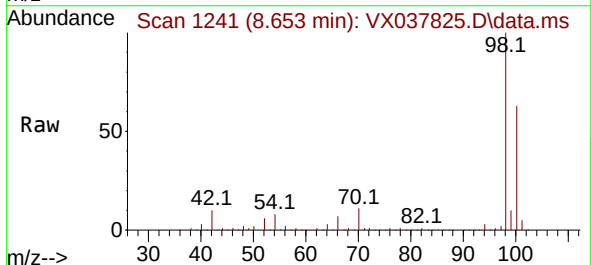
Instrument :
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ClientSampleId :
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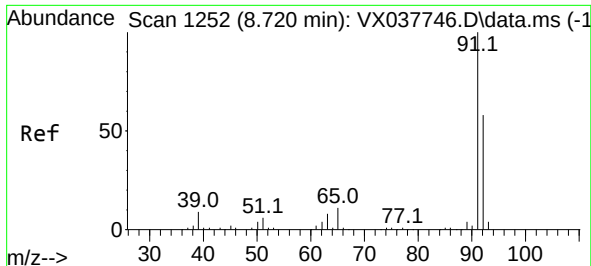
Tgt Ion: 78 Resp: 114832
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9



#50
Toluene-d8
Concen: 48.746 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

Tgt Ion: 98 Resp: 486827
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

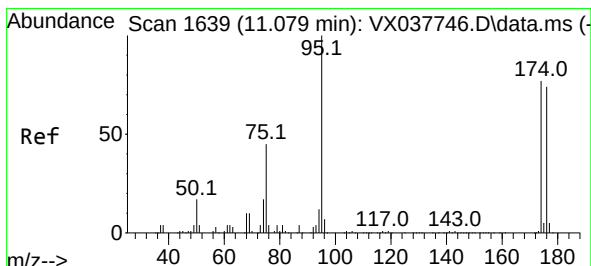
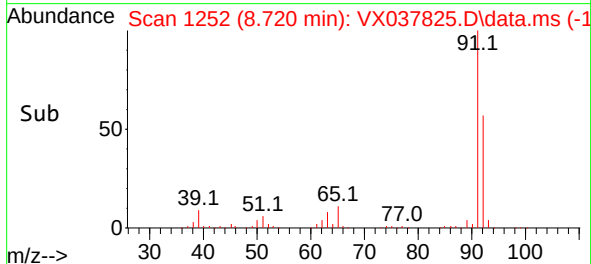
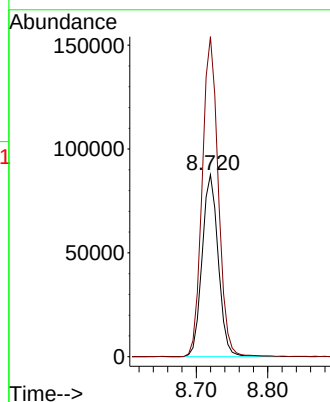
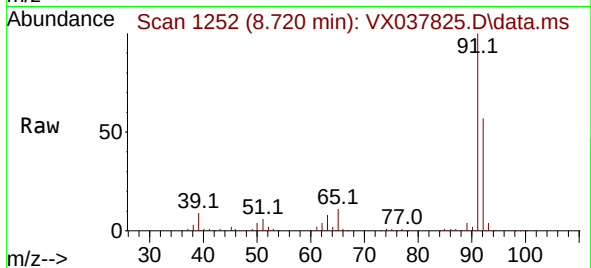




#52
Toluene
Concen: 18.705 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

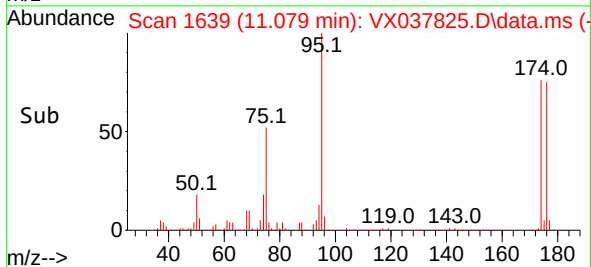
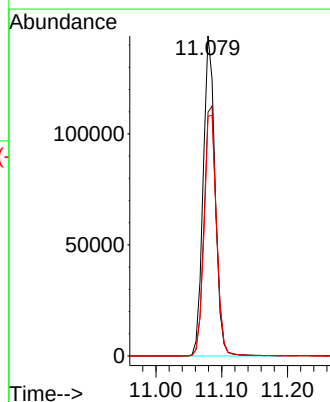
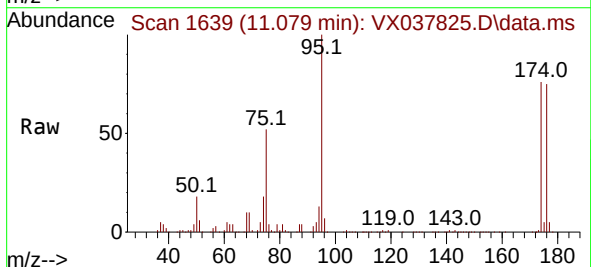
Instrument :
MSVOA_X
ClientSampleId :
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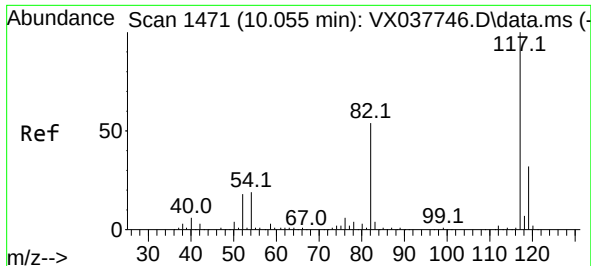
Tgt Ion: 92 Resp: 137260
Ion Ratio Lower Upper
92 100
91 175.5 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.152 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

Tgt Ion: 95 Resp: 182006
Ion Ratio Lower Upper
95 100
174 81.0 0.0 135.6
176 78.7 0.0 131.0

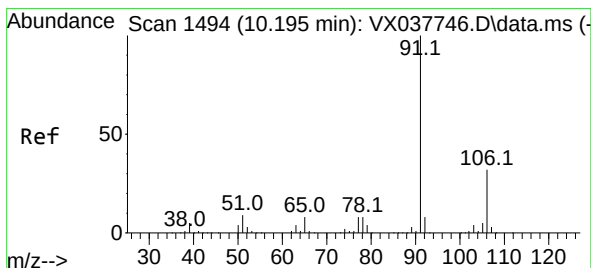
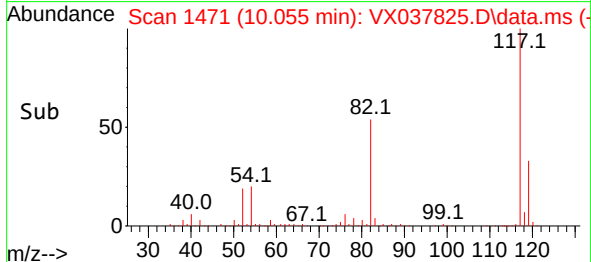
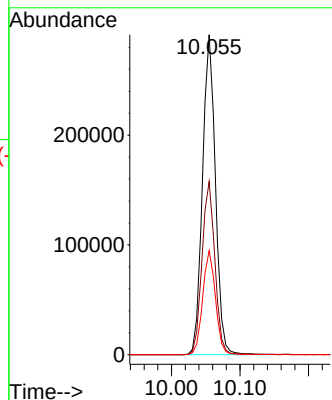
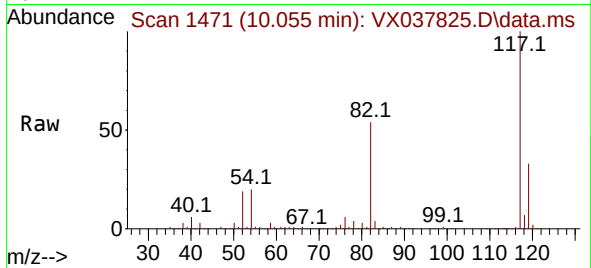




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

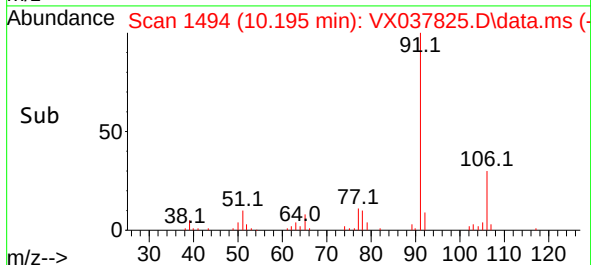
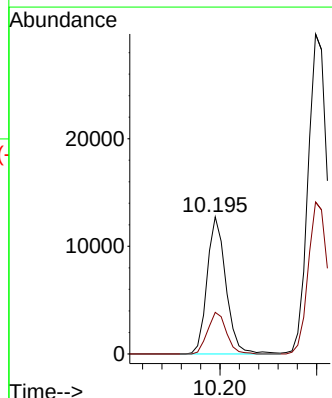
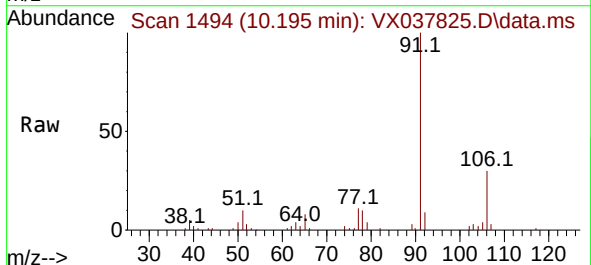
Instrument :
MSVOA_X
ClientSampleId :
50095

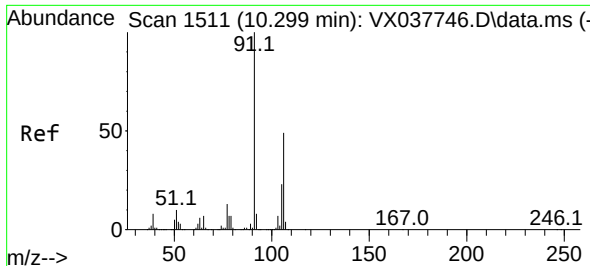
Tgt Ion:117 Resp: 383989
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 1.204 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

Tgt Ion: 91 Resp: 17293
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

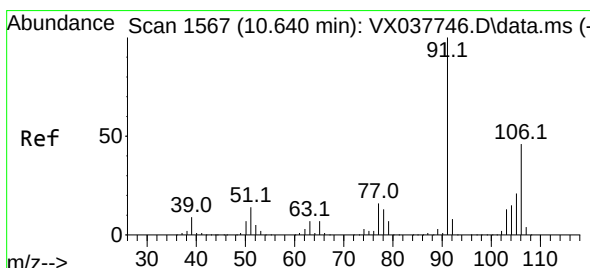
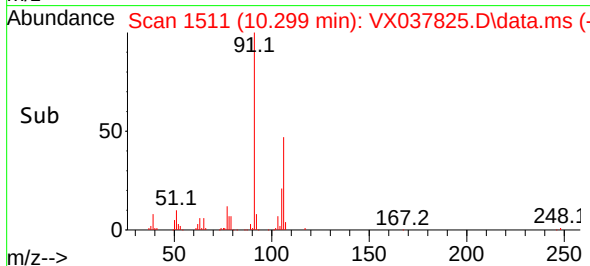
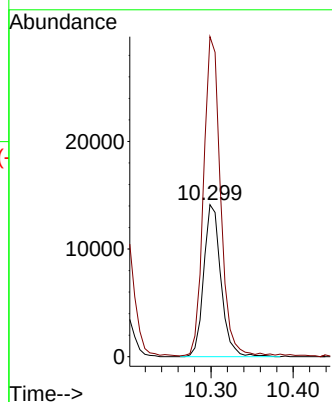
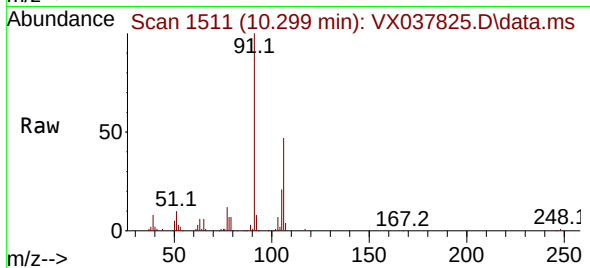




#68
m/p-Xylenes
Concen: 3.701 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

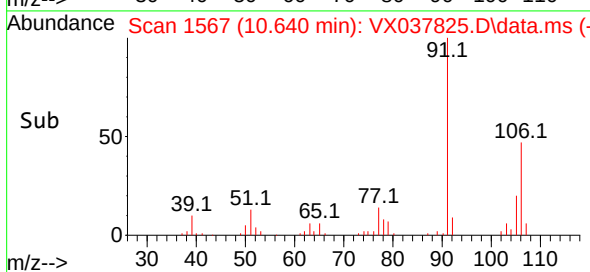
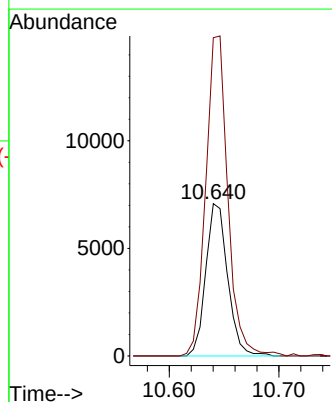
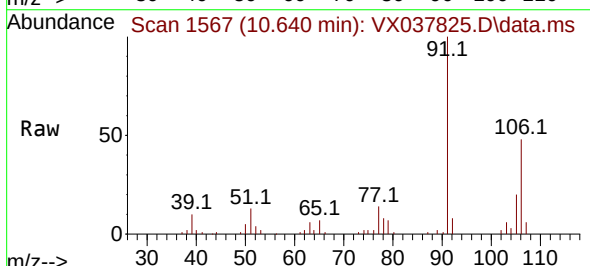
Instrument :
MSVOA_X
ClientSampleId :
50095

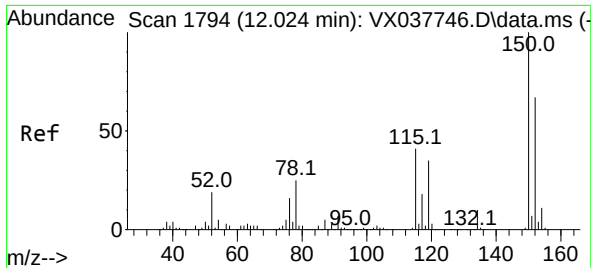
Tgt Ion:106 Resp: 20535
Ion Ratio Lower Upper
106 100
91 206.5 165.5 248.3



#69
o-Xylene
Concen: 1.766 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX037825.D
Acq: 20 Sep 2023 12:00

Tgt Ion:106 Resp: 9825
Ion Ratio Lower Upper
106 100
91 212.2 108.9 326.8

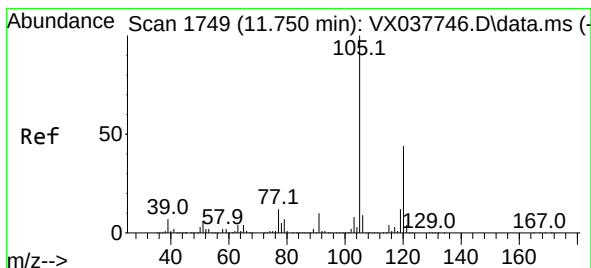
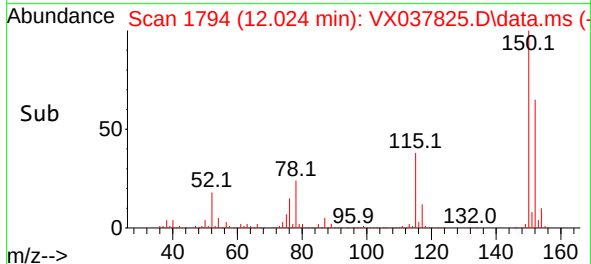
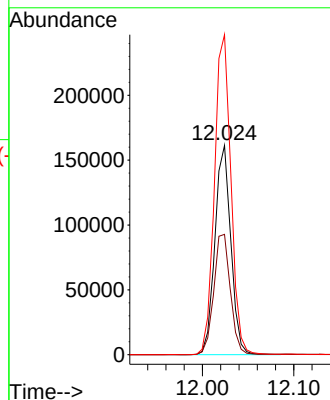
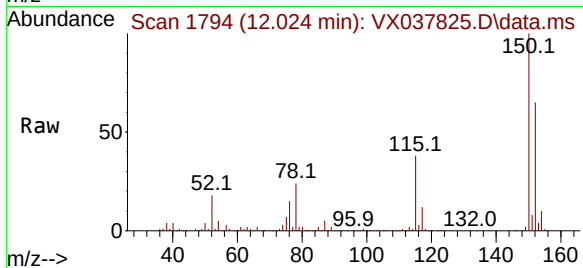




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037825.D
 Acq: 20 Sep 2023 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 50095

Tgt Ion:152 Resp: 195705
 Ion Ratio Lower Upper
 152 100
 115 59.9 43.3 129.9
 150 158.2 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.733 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX037825.D
 Acq: 20 Sep 2023 12:00

Tgt Ion:105 Resp: 8838
 Ion Ratio Lower Upper
 105 100
 120 45.1 21.2 63.6

