

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
 Data File : VX036731.D
 Acq On : 31 Jul 2023 19:35
 Operator : JC/MD
 Sample : 03808-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1709DL

Quant Time: Aug 01 04:42:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

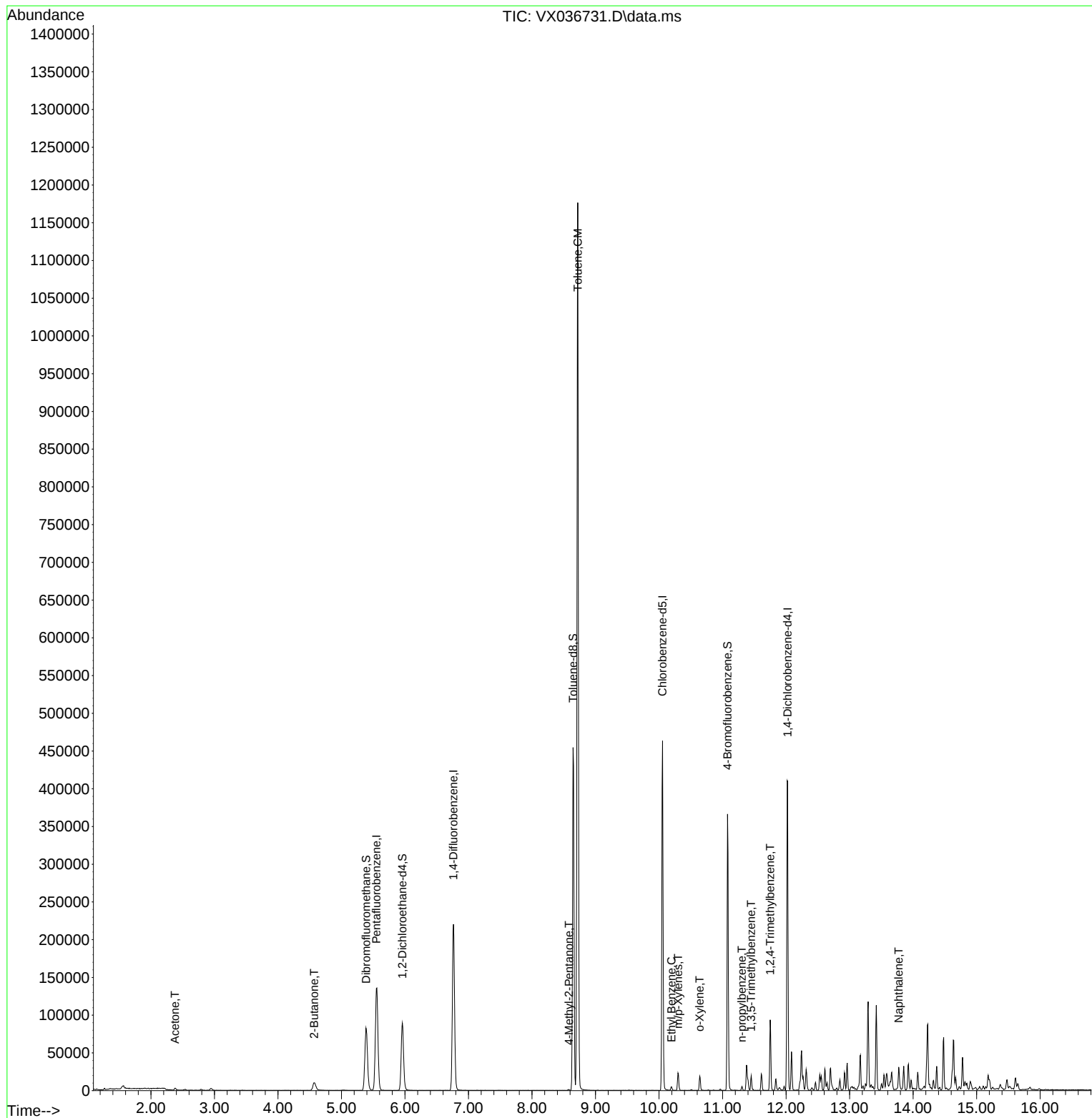
Internal Standards						
1) Pentafluorobenzene	5.550	168	127856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85521	45.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.420%		
35) Dibromofluoromethane	5.385	113	72973	46.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	8.647	98	273752	49.005	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.000%		
62) 4-Bromofluorobenzene	11.079	95	97004	46.026	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.060%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3315	4.223	ug/l	90
25) 2-Butanone	4.568	43	5432	4.265	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	800	0.316	ug/l #	83
52) Toluene	8.720	92	435628	101.775	ug/l	98
67) Ethyl Benzene	10.195	91	3077	0.372	ug/l	100
68) m/p-Xylenes	10.299	106	5656	1.835	ug/l	98
69) o-Xylene	10.640	106	4188	1.361	ug/l	93
78) n-propylbenzene	11.305	91	3446	0.416	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	8515	1.422	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	40891	6.826	ug/l	98
95) Naphthalene	13.774	128	18535	2.962	ug/l	98

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

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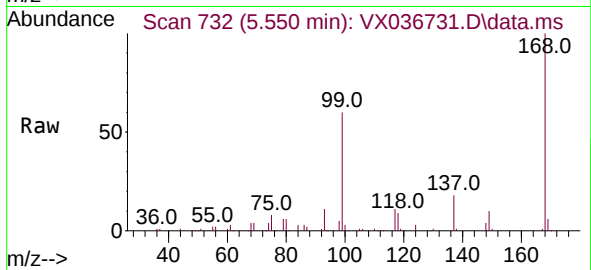
Quant Time: Aug 01 04:42:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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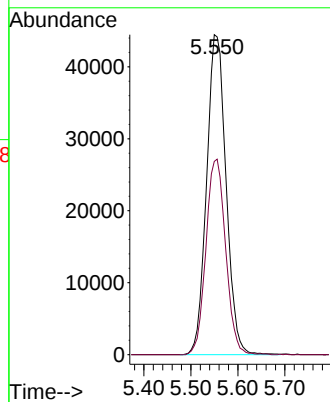
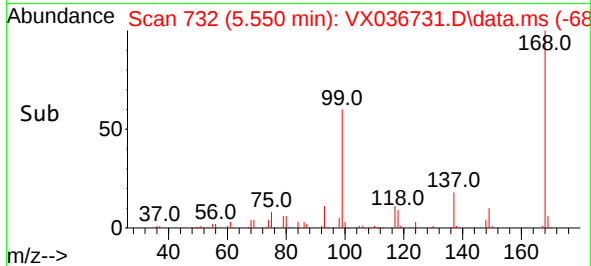


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Instrument :
MSVOA_X
ClientSampleId :
1709DL

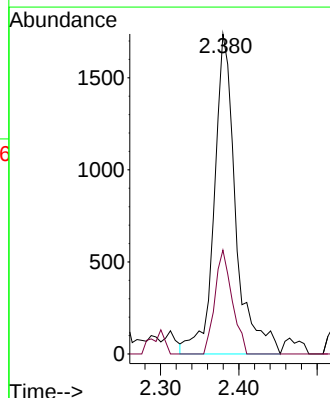
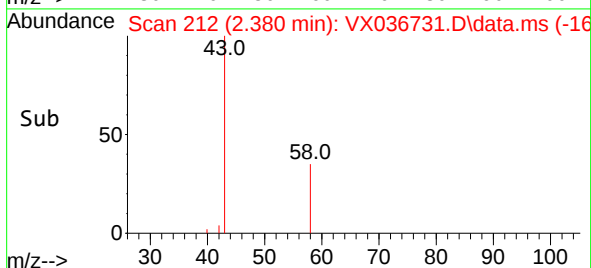
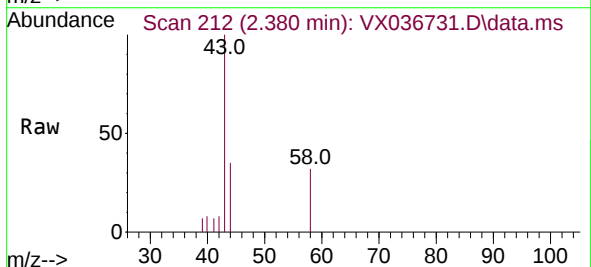


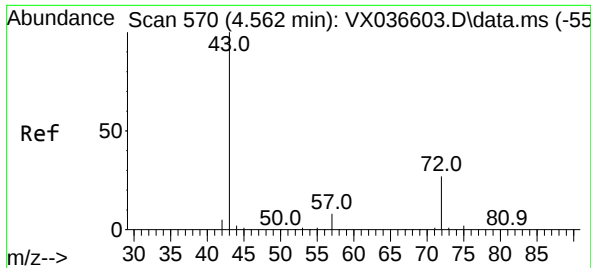
Tgt Ion:168 Resp: 127856
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#16
Acetone
Concen: 4.223 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion: 43 Resp: 3315
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9

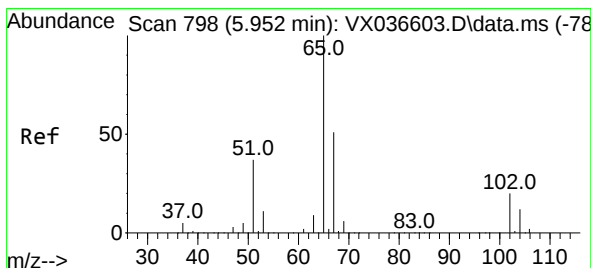
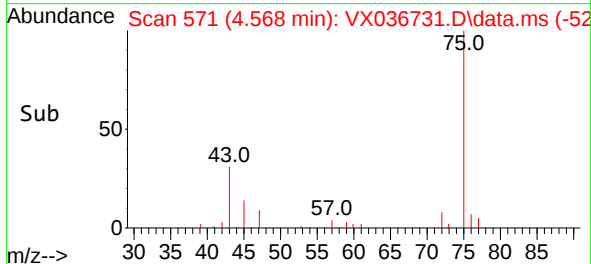
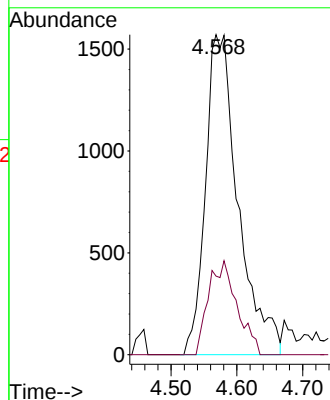
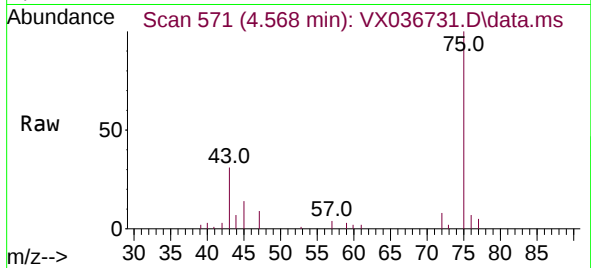




#25
2-Butanone
Concen: 4.265 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

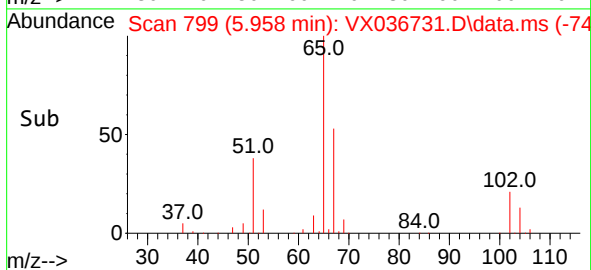
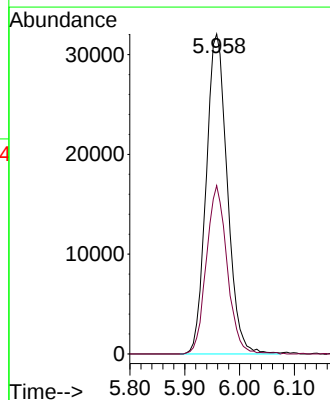
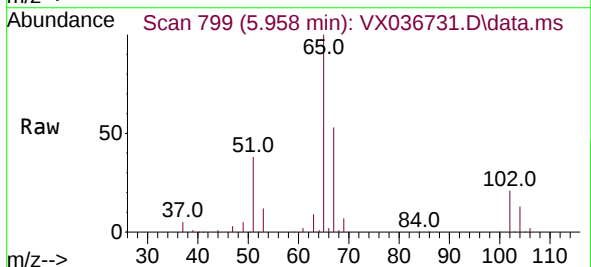
Instrument :
MSVOA_X
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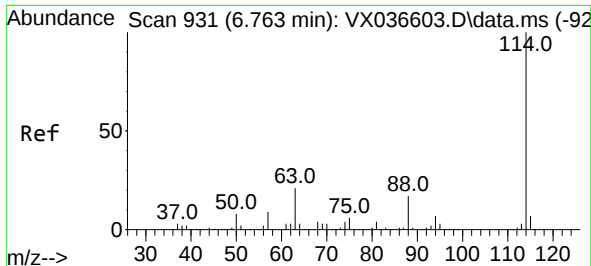
Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
72 24.6 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 45.206 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion: 65 Resp: 85521
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

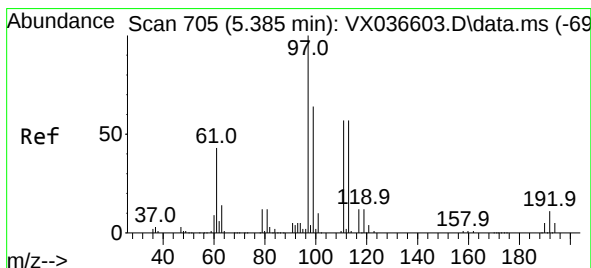
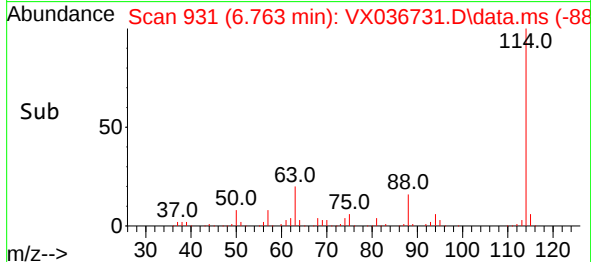
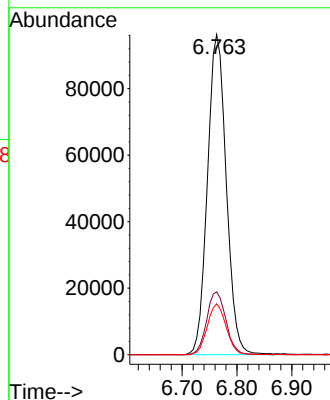
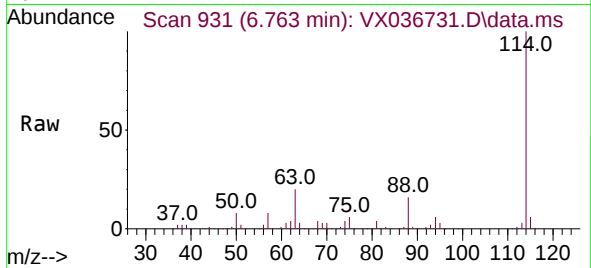




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

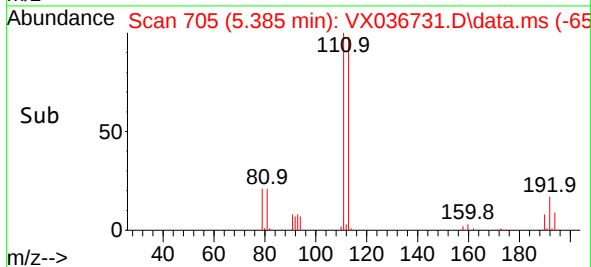
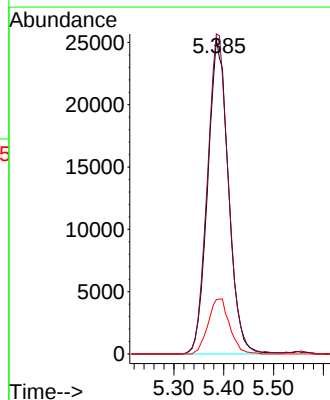
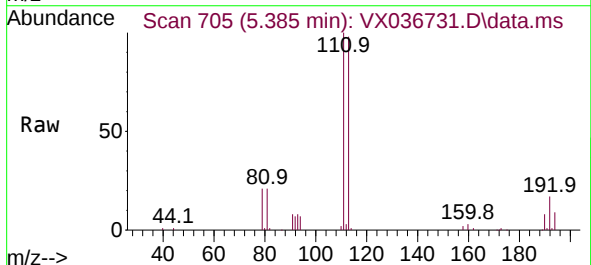
Instrument :
MSVOA_X
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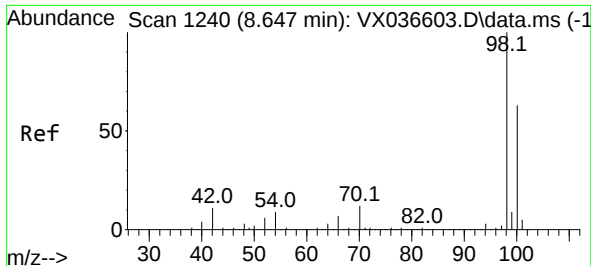
Tgt Ion:114 Resp: 229180
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.325 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion:113 Resp: 72973
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.1 13.3 19.9

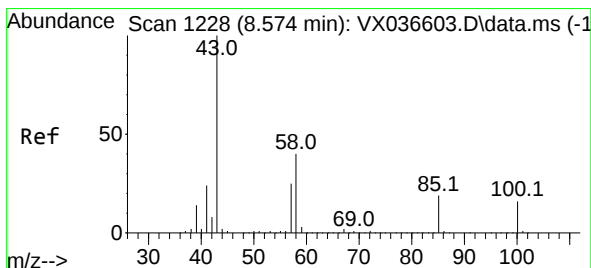
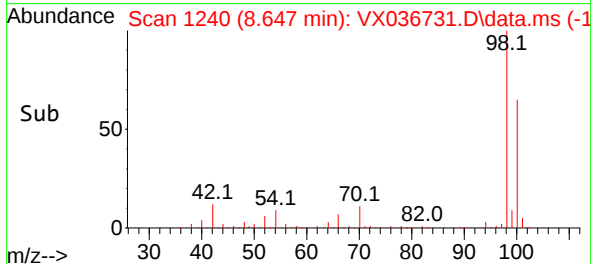
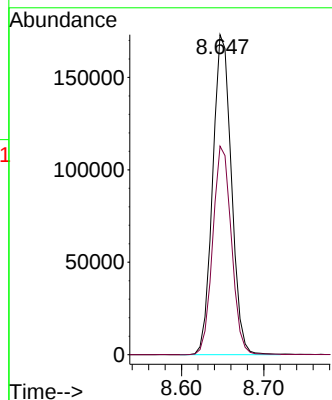
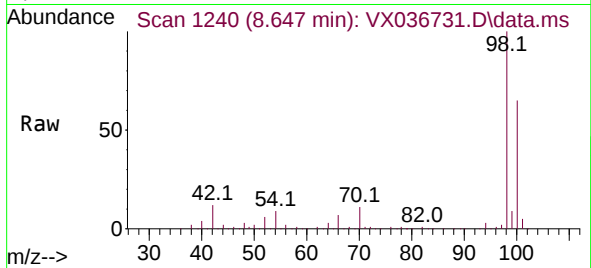




#50
Toluene-d8
Concen: 49.005 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

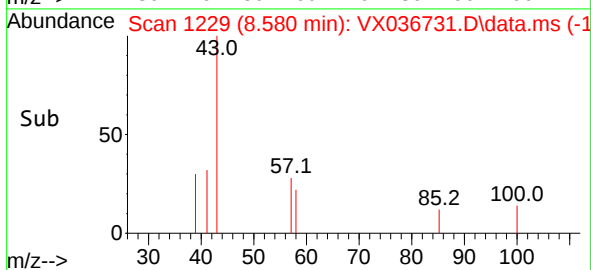
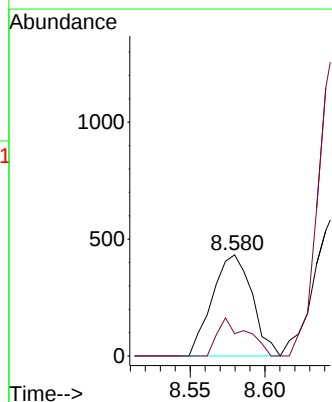
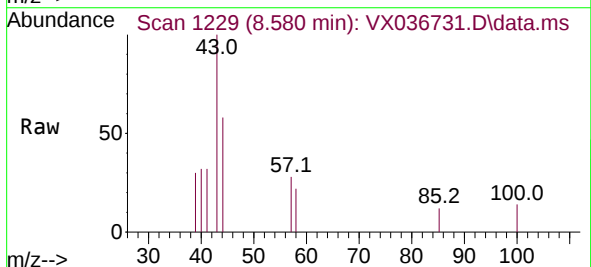
Instrument :
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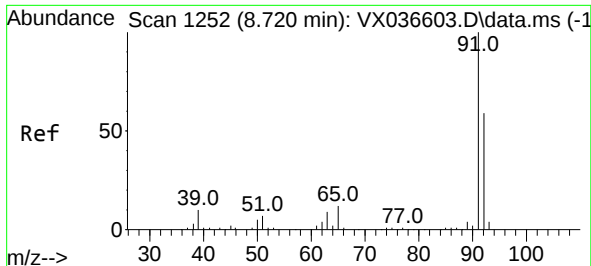
Tgt Ion: 98 Resp: 273752
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.316 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion: 43 Resp: 800
Ion Ratio Lower Upper
43 100
58 27.6 30.4 45.6#

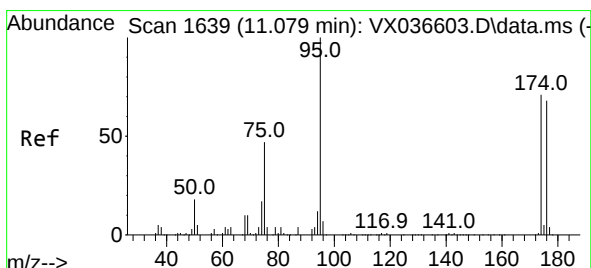
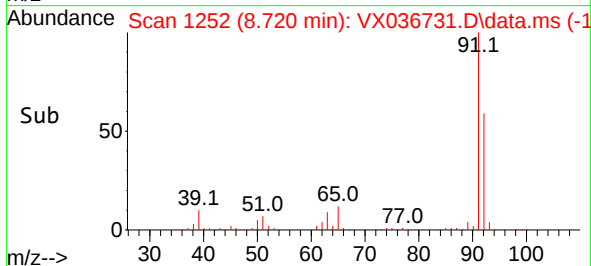
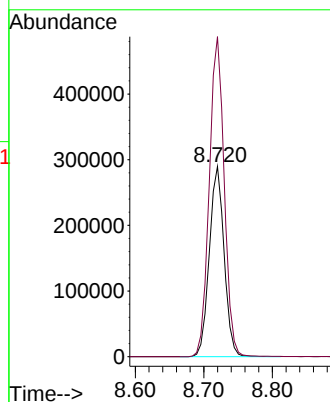
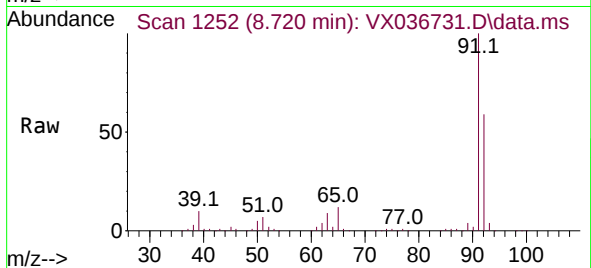




#52
Toluene
Concen: 101.775 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

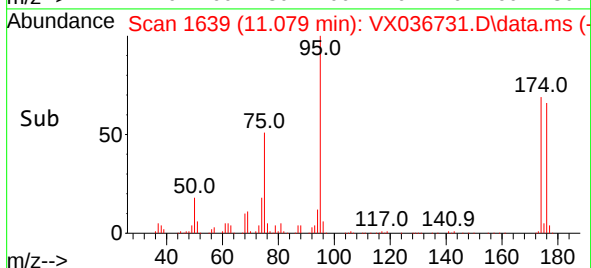
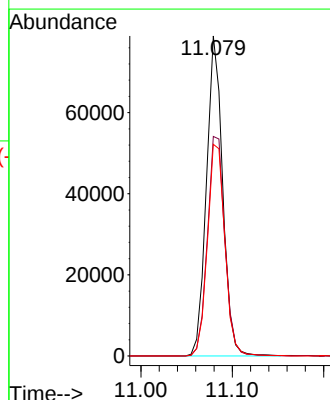
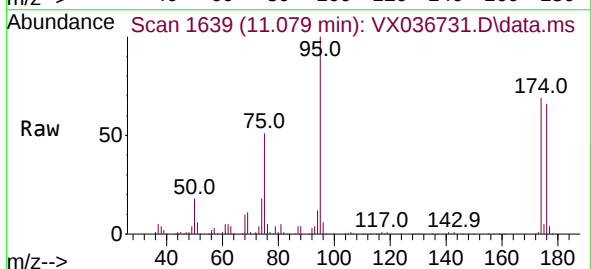
Instrument :
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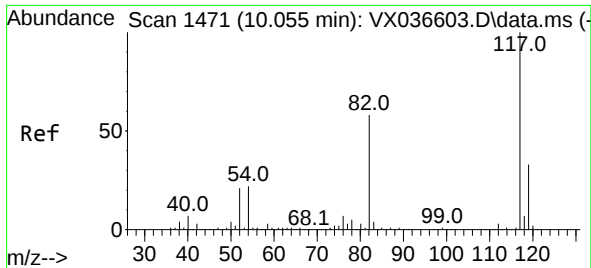
Tgt Ion: 92 Resp: 435628
Ion Ratio Lower Upper
92 100
91 170.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion: 95 Resp: 97004
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.3 0.0 131.0

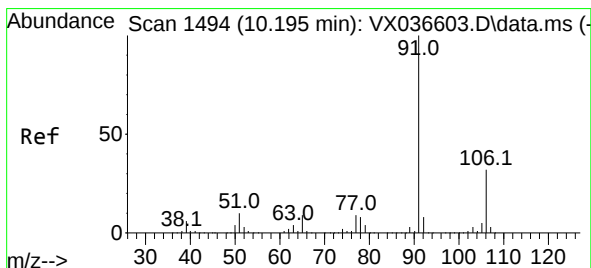
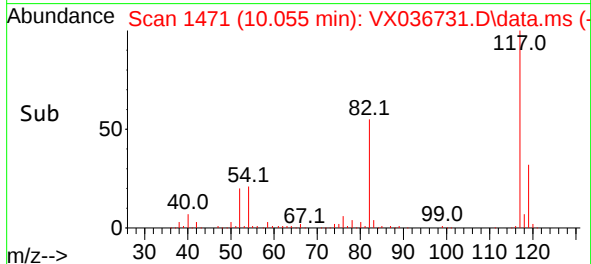
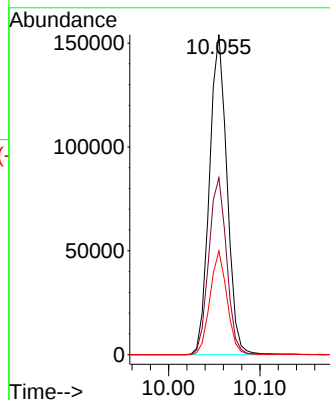
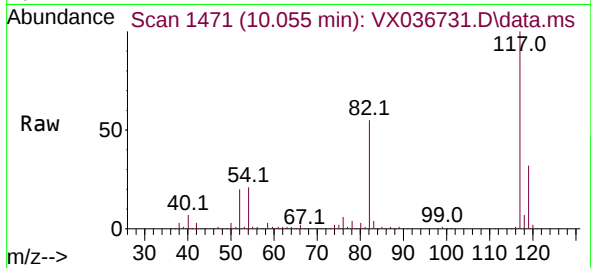




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

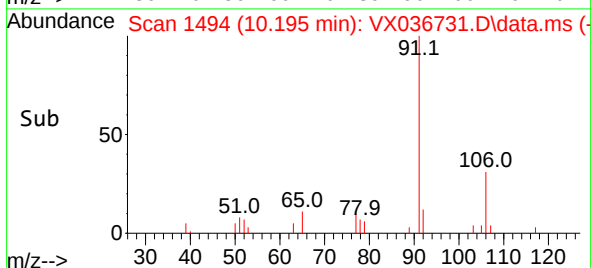
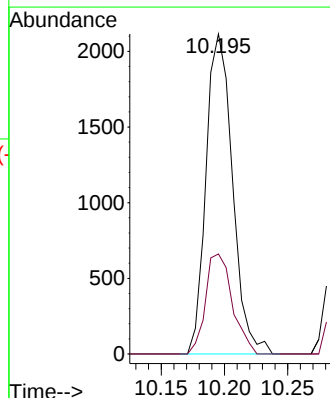
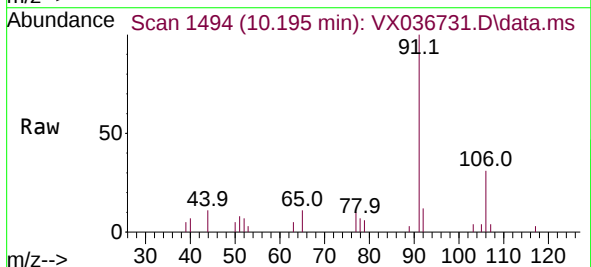
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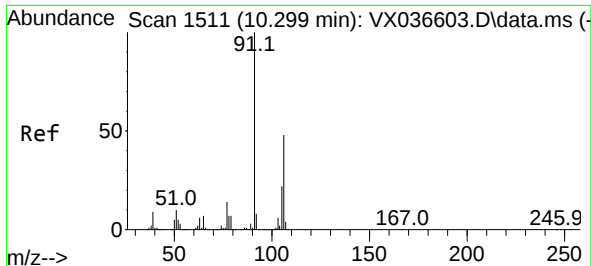
Tgt Ion:117 Resp: 205171
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 0.372 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion: 91 Resp: 3077
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

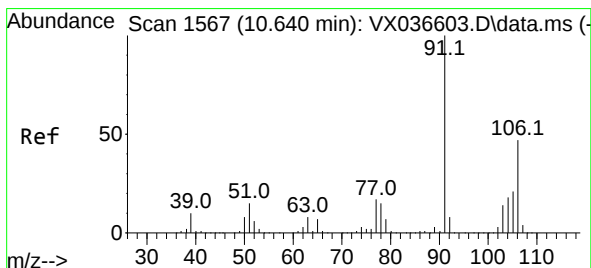
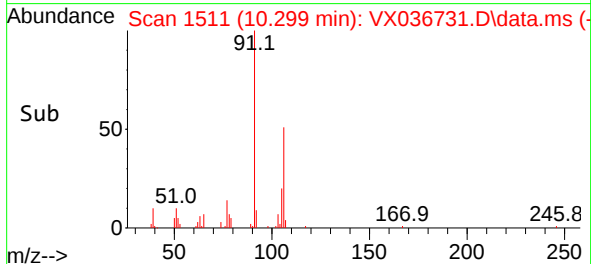
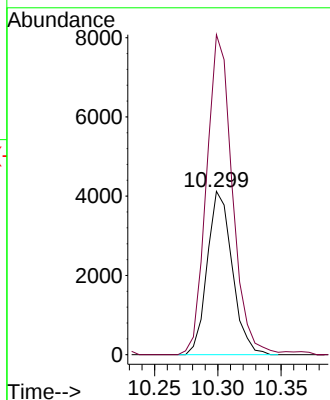
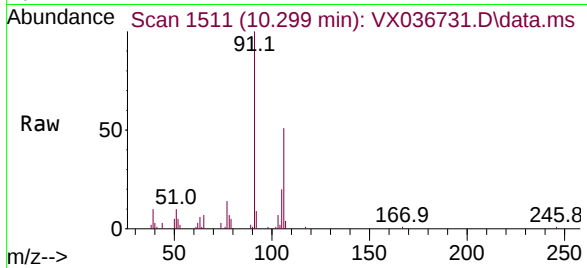




#68
m/p-Xylenes
Concen: 1.835 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

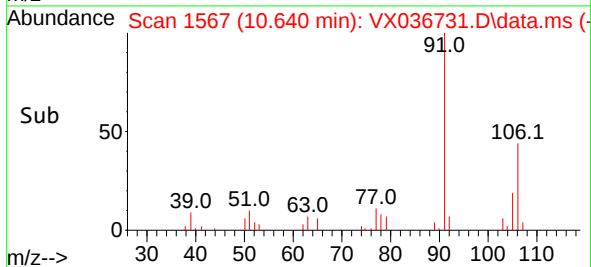
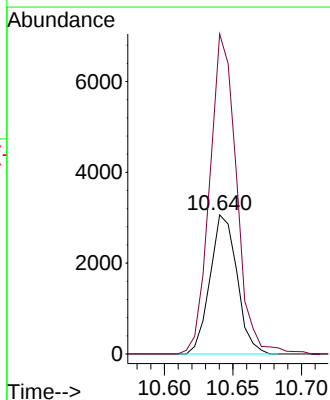
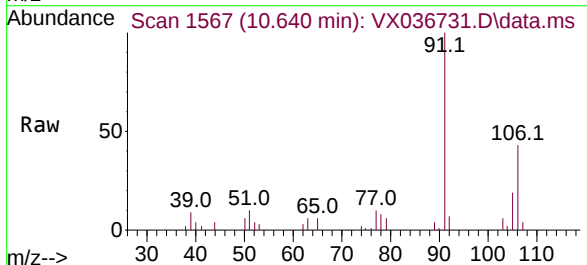
Instrument :
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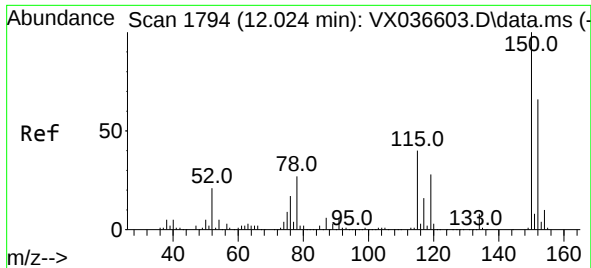
Tgt Ion:106 Resp: 5656
Ion Ratio Lower Upper
106 100
91 204.5 165.5 248.3



#69
o-Xylene
Concen: 1.361 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion:106 Resp: 4188
Ion Ratio Lower Upper
106 100
91 229.7 108.9 326.8

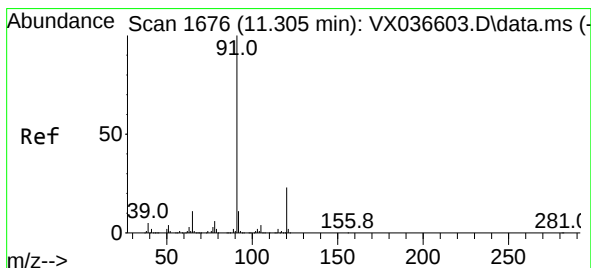
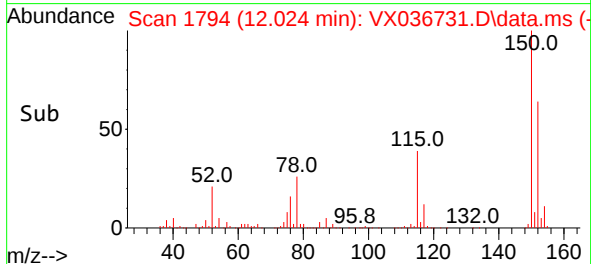
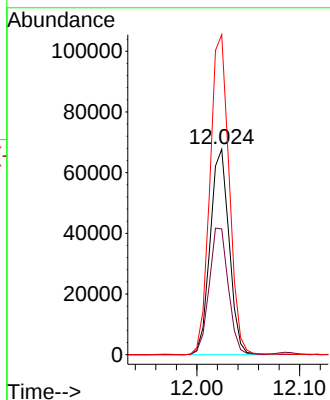
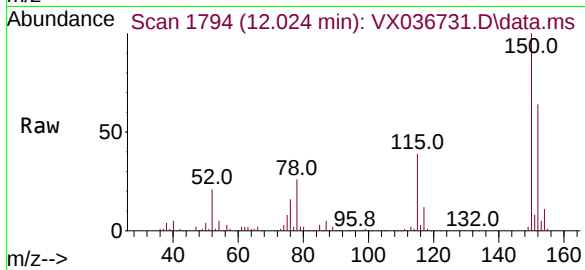




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

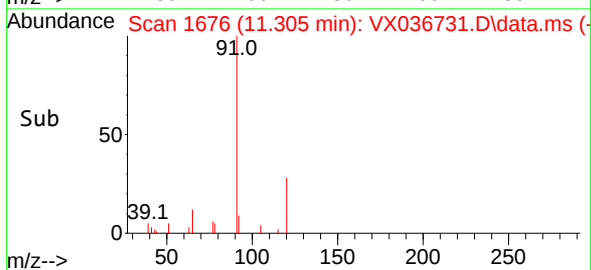
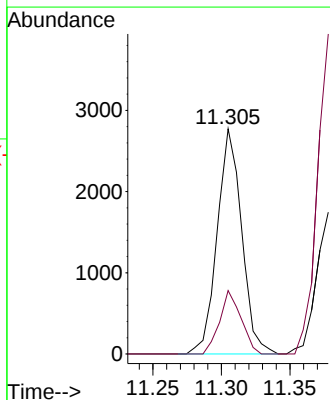
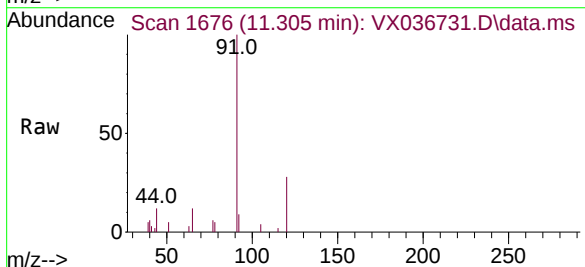
Instrument :
MSVOA_X
ClientSampleId :
1709DL

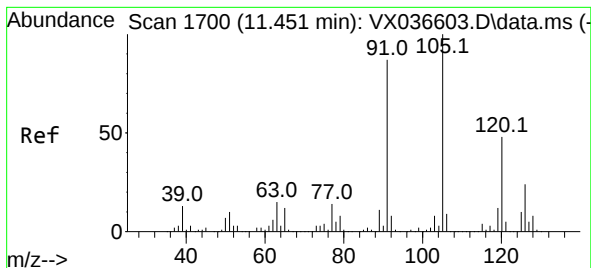
Tgt Ion:152 Resp: 86512
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 158.0 0.0 345.0



#78
n-propylbenzene
Concen: 0.416 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036731.D
Acq: 31 Jul 2023 19:35

Tgt Ion: 91 Resp: 3446
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.422 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036731.D

Acq: 31 Jul 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

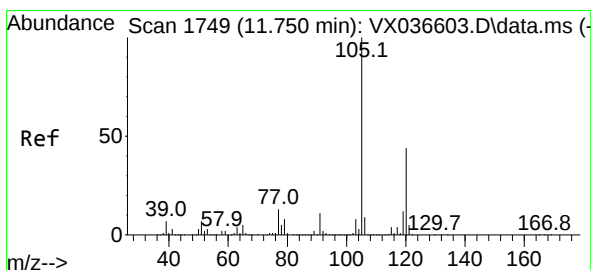
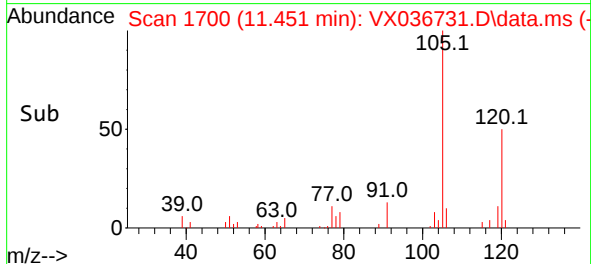
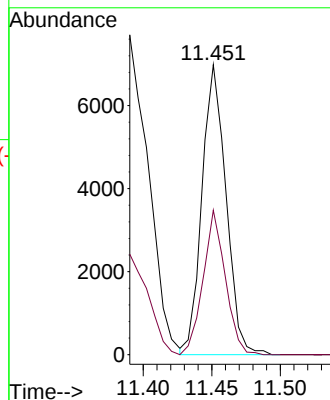
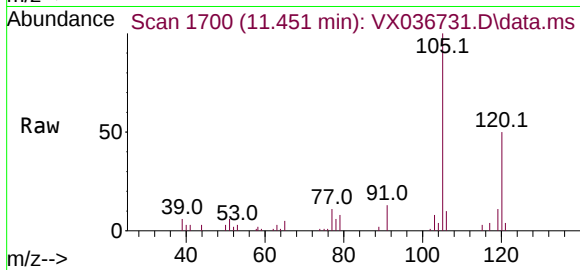
1709DL

Tgt Ion:105 Resp: 8515

Ion Ratio Lower Upper

105 100

120 46.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 6.826 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036731.D

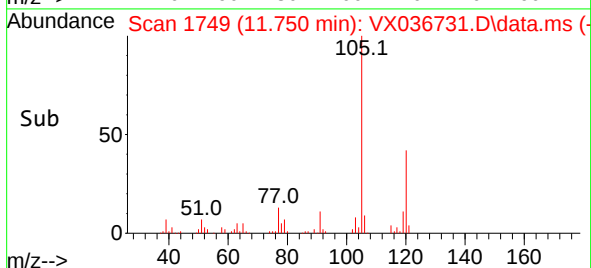
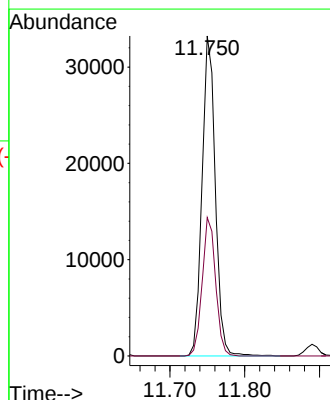
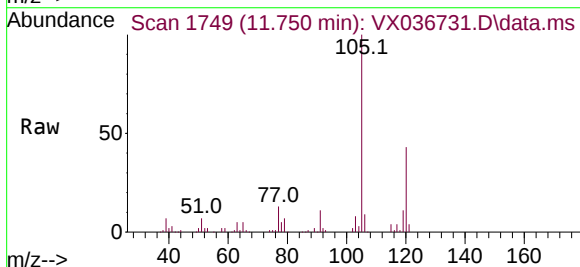
Acq: 31 Jul 2023 19:35

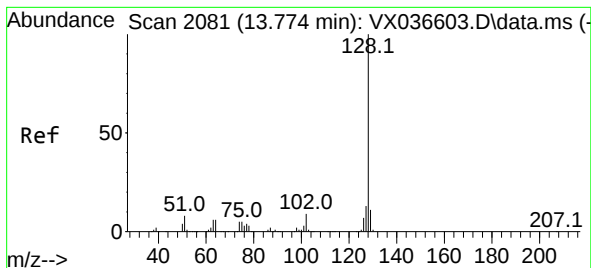
Tgt Ion:105 Resp: 40891

Ion Ratio Lower Upper

105 100

120 43.7 21.2 63.6





#95

Naphthalene

Concen: 2.962 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX036731.D

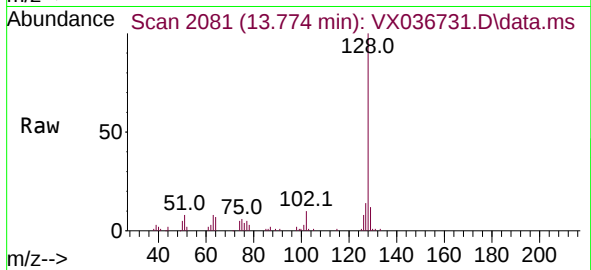
Acq: 31 Jul 2023 19:35

Instrument :

MSVOA_X

ClientSampleId :

1709DL



Tgt Ion:128 Resp: 18535

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 12.7 8.8 13.2

