

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036829.D
 Acq On : 07 Aug 2023 11:54
 Operator : JC/MD
 Sample : 03815-01
 Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUILDING-A-1-(0-5)

Quant Time: Aug 08 01:31:28 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)

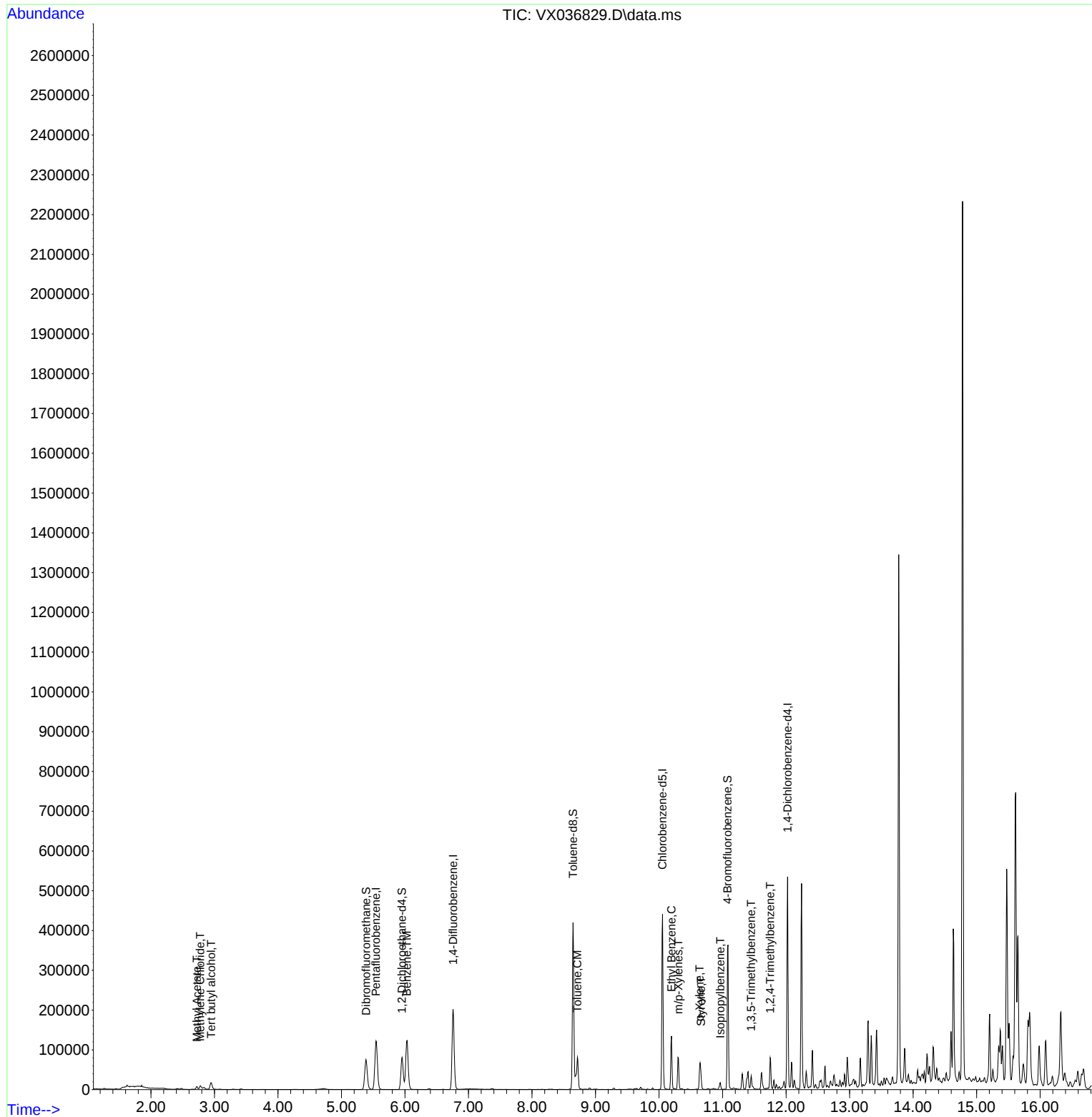
Internal Standards						
1) Pentafluorobenzene	5.543	168	111643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205735	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77292	46.789	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.580%		
35) Dibromofluoromethane	5.385	113	65275	46.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.320%		
50) Toluene-d8	8.647	98	247019	49.259	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.520%		
62) 4-Bromofluorobenzene	11.079	95	104201	55.075	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.160%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	11024	28.188	ug/l #	82
18) Methyl Acetate	2.721	43	8437	2.926	ug/l	95
20) Methylene Chloride	2.776	84	6128	4.020	ug/l #	83
40) Benzene	6.031	78	153980	25.110	ug/l	98
52) Toluene	8.714	92	28426	7.398	ug/l	95
67) Ethyl Benzene	10.195	91	77330	9.720	ug/l	98
68) m/p-Xylenes	10.305	106	19351	6.519	ug/l	99
69) o-Xylene	10.640	106	12368	4.174	ug/l	98
70) Styrene	10.658	104	16212	3.316	ug/l	98
73) Isopropylbenzene	10.963	105	8767	1.019	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	13845	1.923	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	34943	4.853	ug/l	98

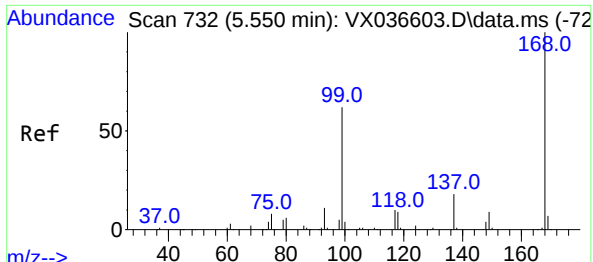
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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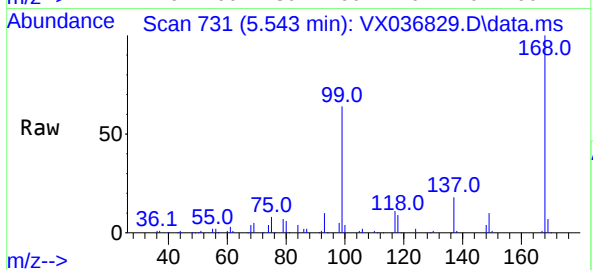
Quant Time: Aug 08 01:31:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



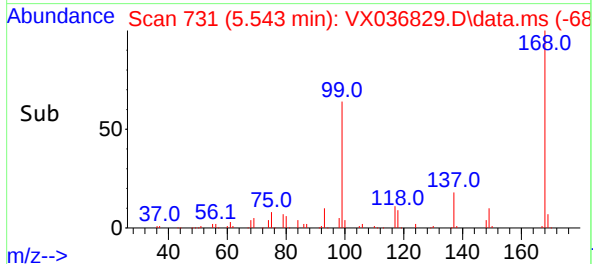
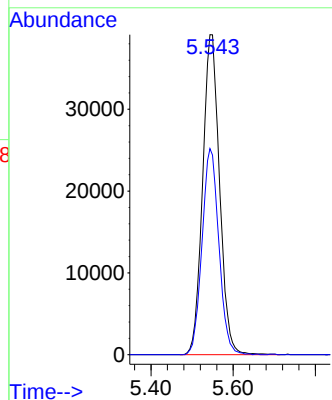


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-1-(0-5)

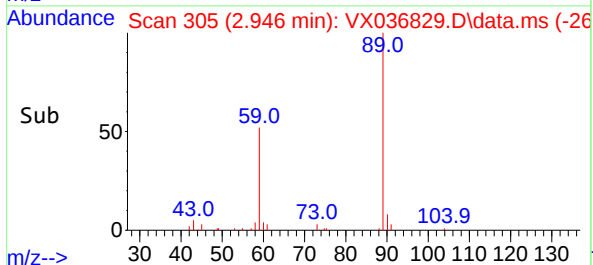
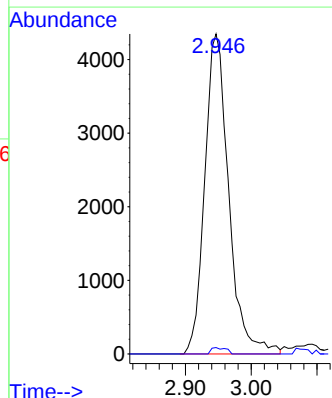
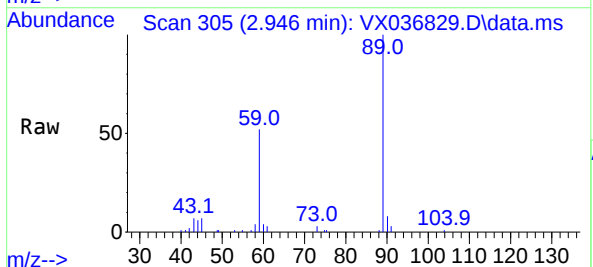


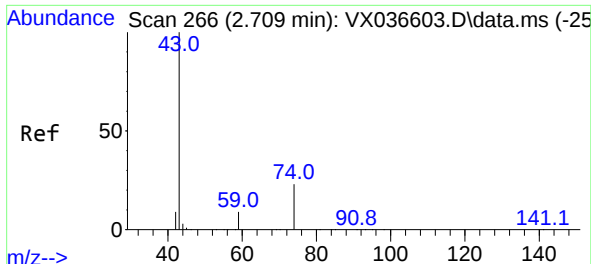
Tgt Ion:168 Resp: 111643
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 28.188 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion: 59 Resp: 11024
Ion Ratio Lower Upper
59 100
57 1.2 6.0 9.0#

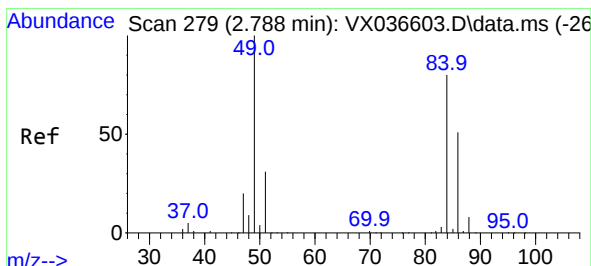
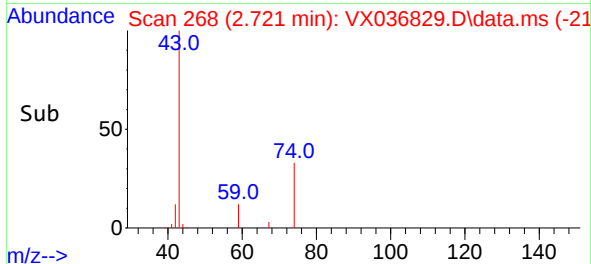
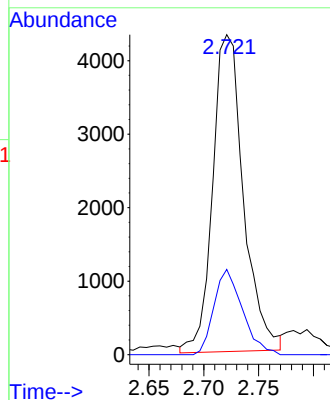
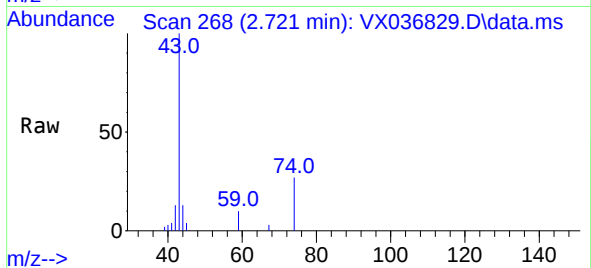




#18
Methyl Acetate
Concen: 2.926 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

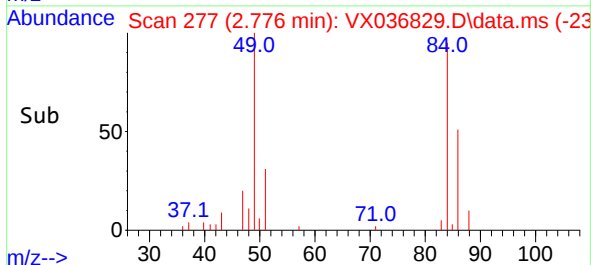
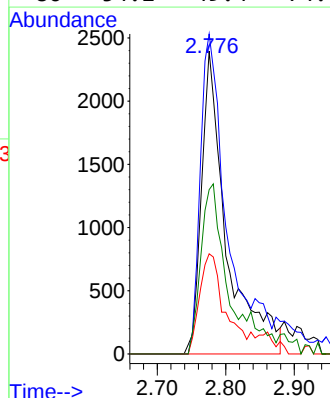
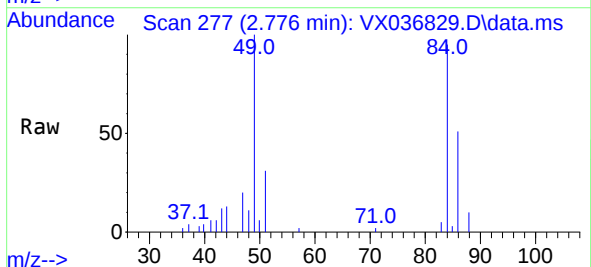
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-1-(0-5)

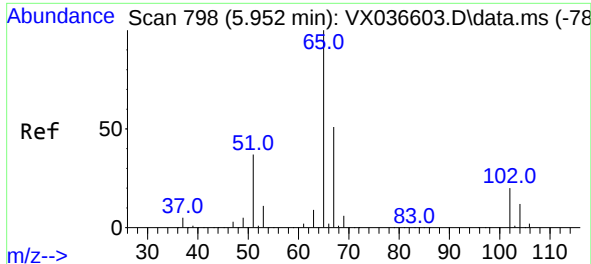
Tgt Ion: 43 Resp: 8437
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8



#20
Methylene Chloride
Concen: 4.020 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion: 84 Resp: 6128
Ion Ratio Lower Upper
84 100
49 105.6 103.6 155.4
51 33.1 33.8 50.6#
86 54.2 49.4 74.0

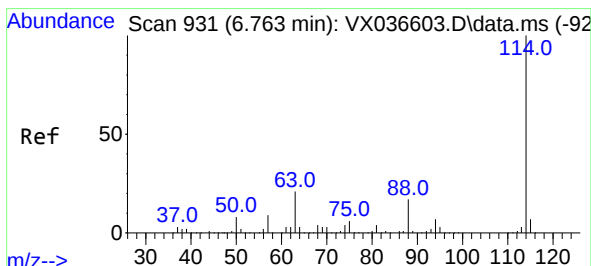
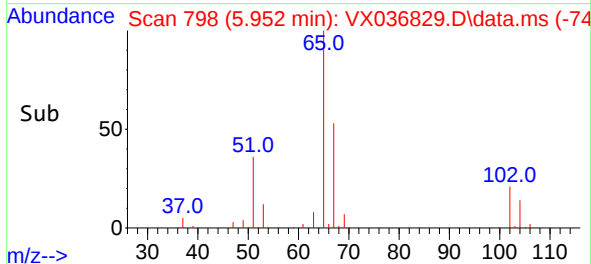
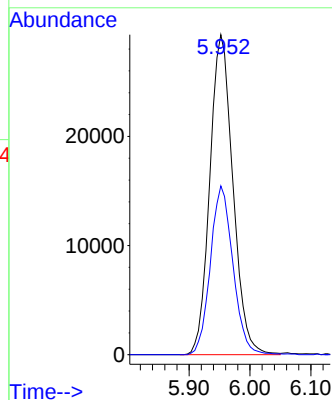
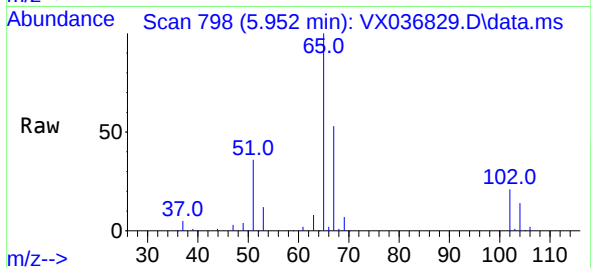




#33
1,2-Dichloroethane-d4
Concen: 46.789 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

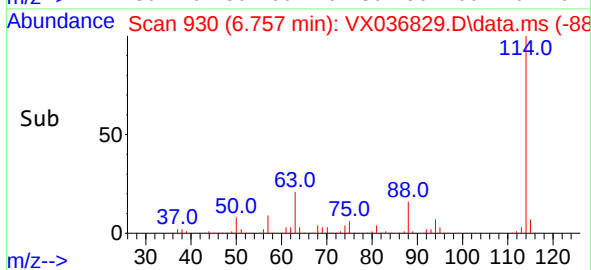
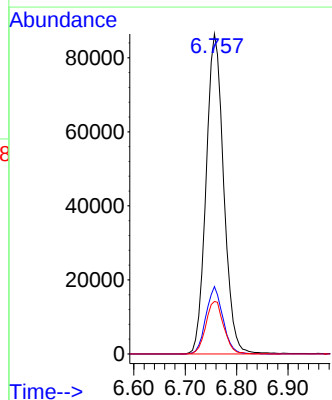
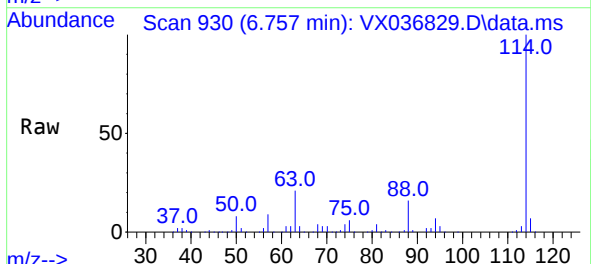
Instrument :
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ClientSampleId :
BUILDING-A-1-(0-5)

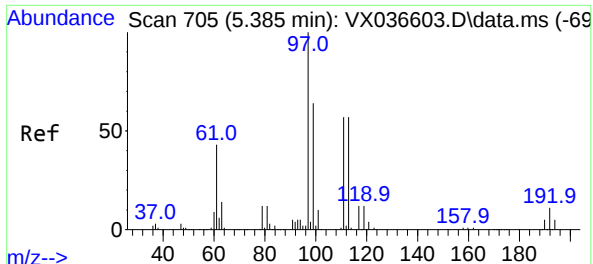
Tgt Ion: 65 Resp: 77292
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion: 114 Resp: 205735
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.4 0.0 36.6

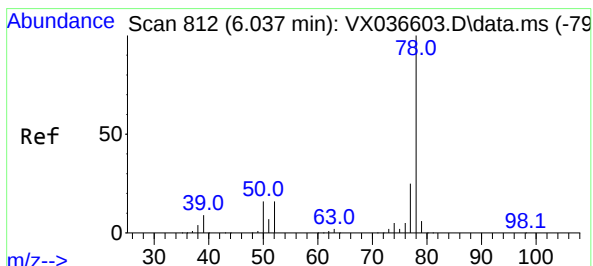
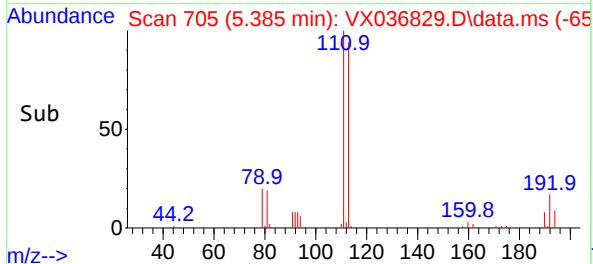
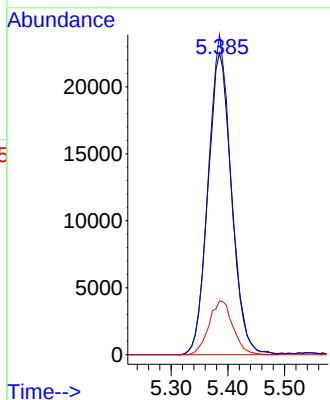
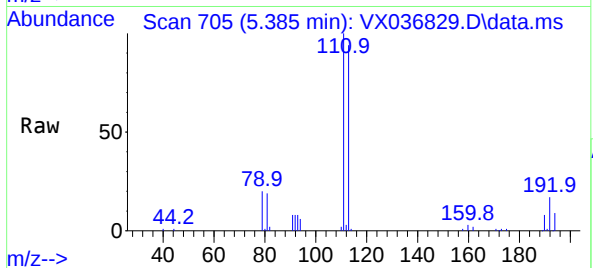




#35
Dibromofluoromethane
Concen: 46.160 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

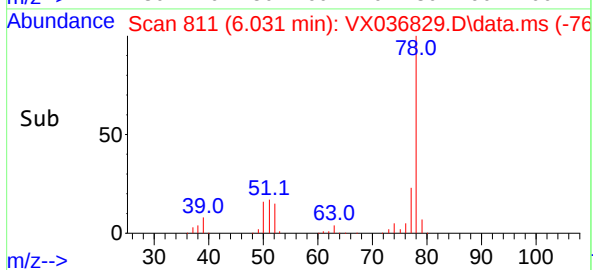
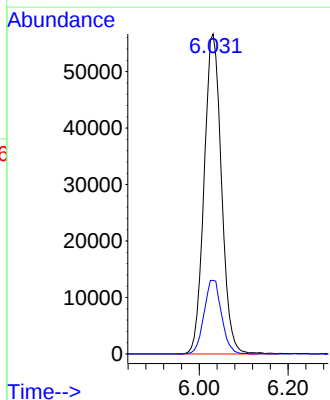
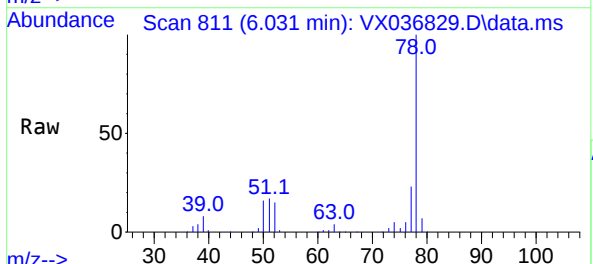
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ClientSampleId :
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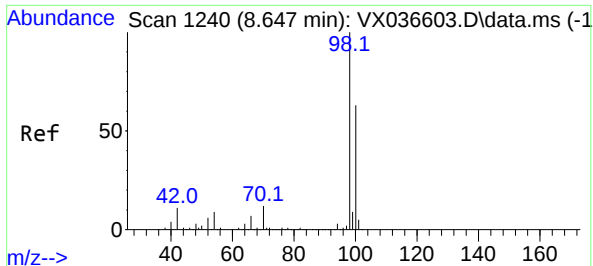
Tgt Ion:113 Resp: 65275
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.0 13.3 19.9



#40
Benzene
Concen: 25.110 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion: 78 Resp: 153980
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

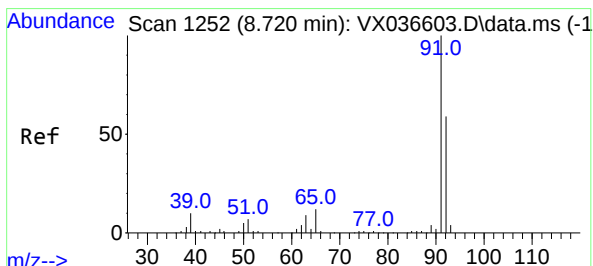
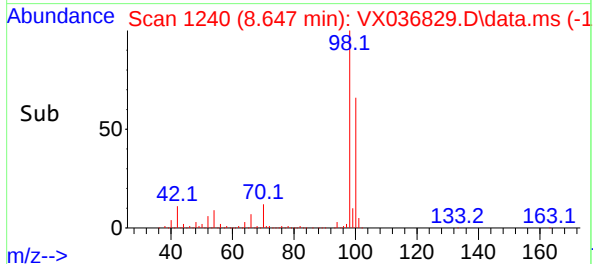
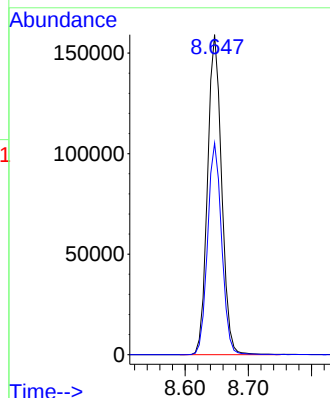
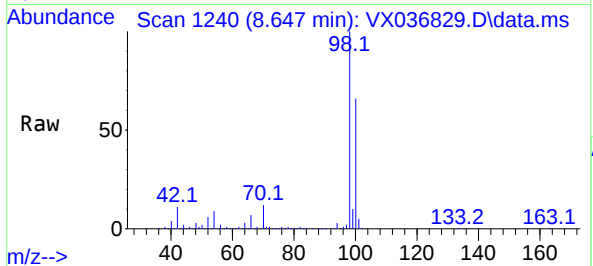




#50
Toluene-d8
Concen: 49.259 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

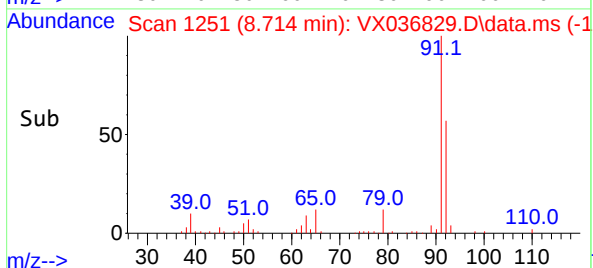
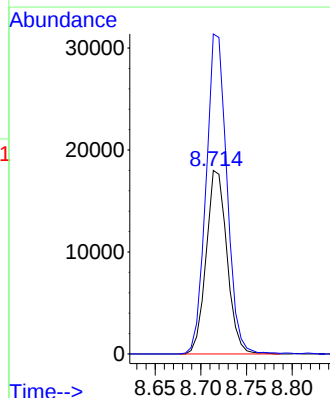
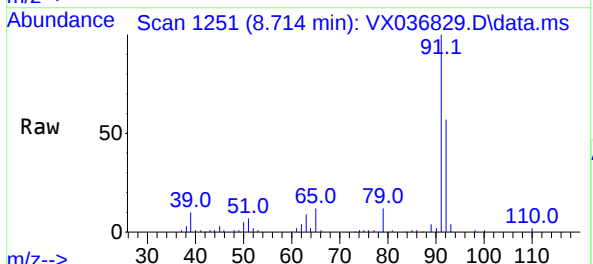
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ClientSampleId :
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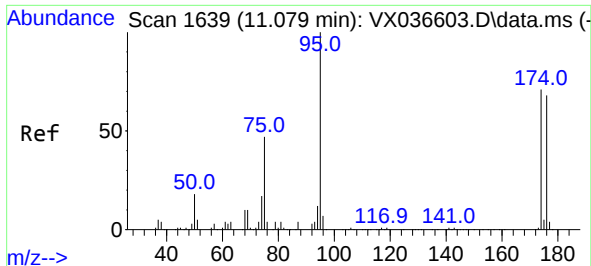
Tgt Ion: 98 Resp: 247019
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#52
Toluene
Concen: 7.398 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion: 92 Resp: 28426
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2

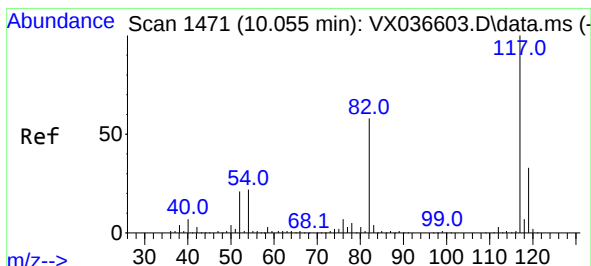
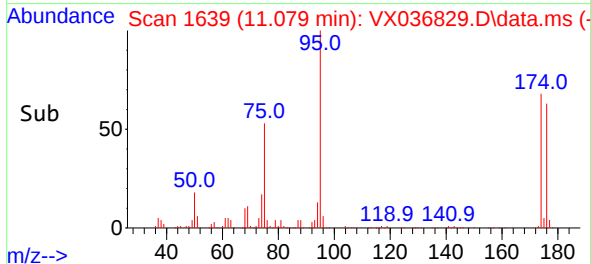
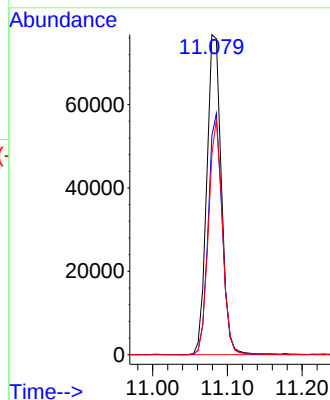
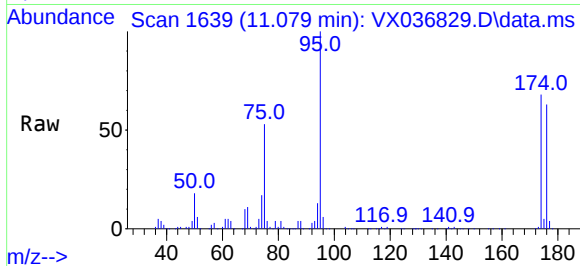




#62
4-Bromofluorobenzene
Concen: 55.075 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

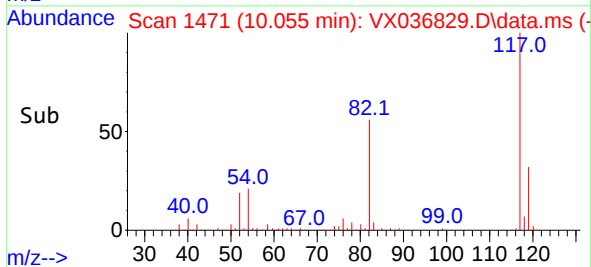
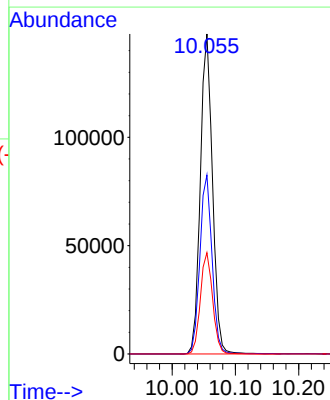
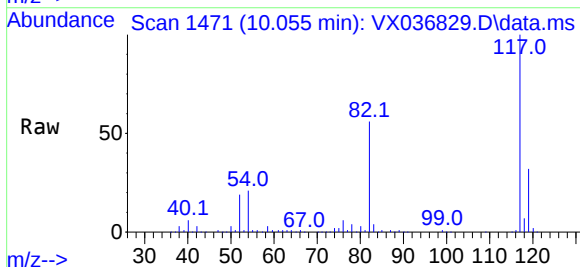
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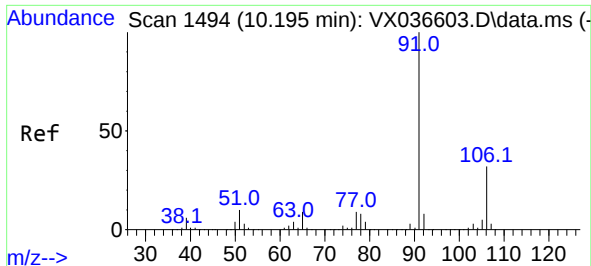
Tgt Ion: 95 Resp: 104201
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion: 117 Resp: 197569
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.7 25.5 38.3

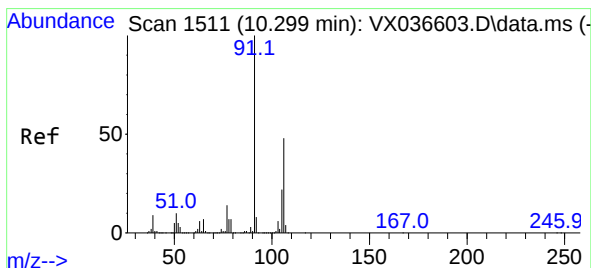
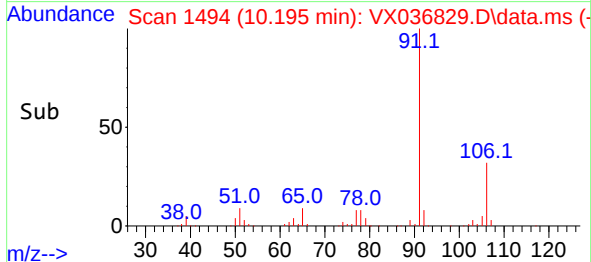
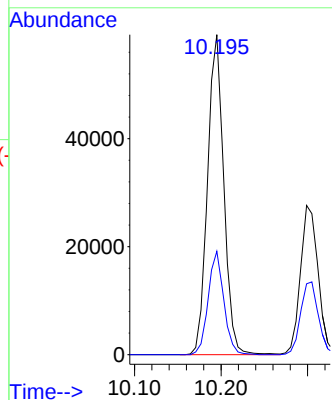
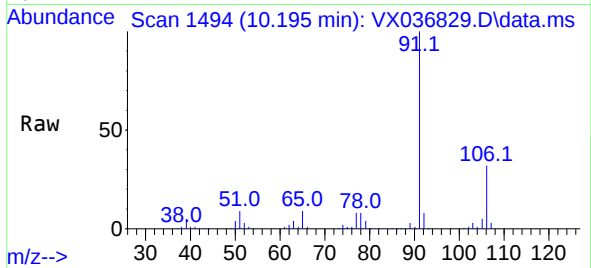




#67
Ethyl Benzene
Concen: 9.720 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

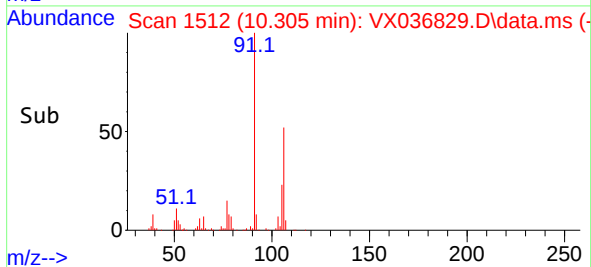
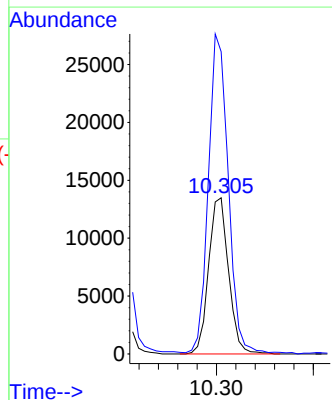
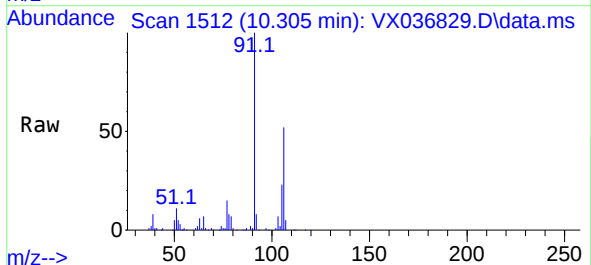
Instrument :
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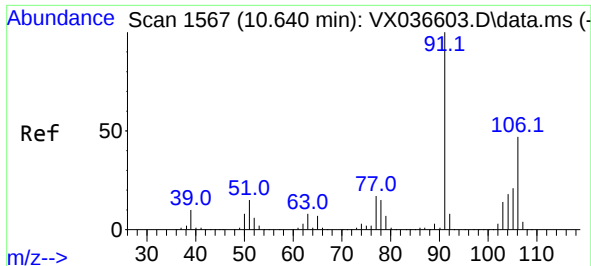
Tgt Ion: 91 Resp: 77330
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 6.519 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion: 106 Resp: 19351
Ion Ratio Lower Upper
106 100
91 204.9 165.5 248.3

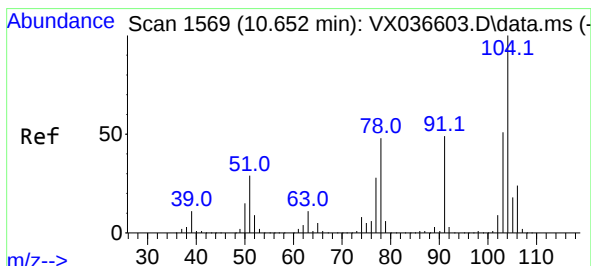
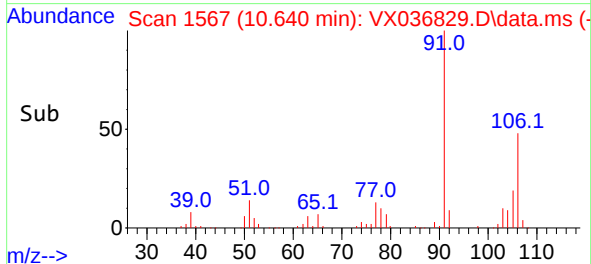
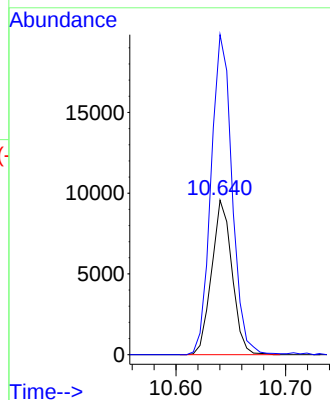
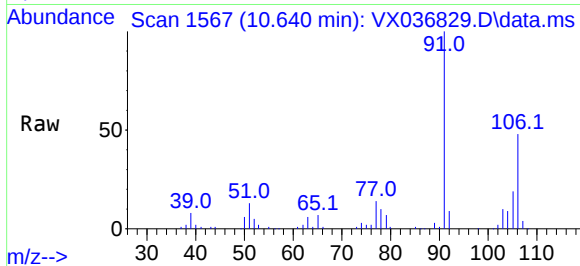




#69
o-Xylene
Concen: 4.174 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

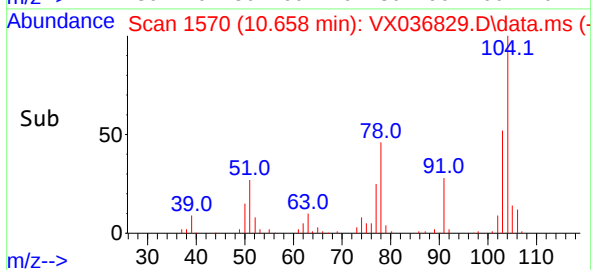
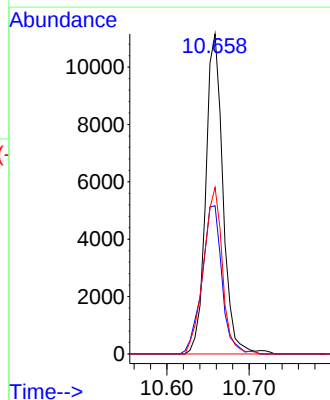
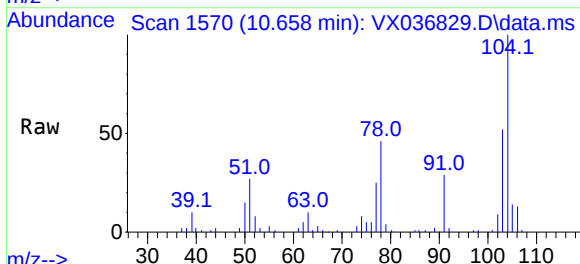
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-1-(0-5)

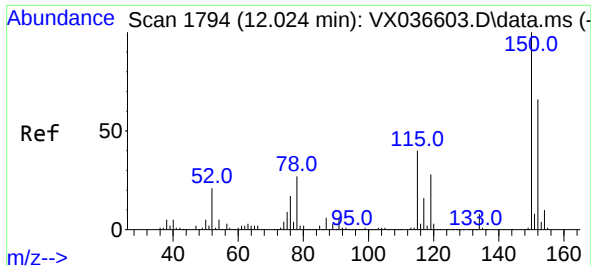
Tgt Ion:106 Resp: 12368
Ion Ratio Lower Upper
106 100
91 214.0 108.9 326.8



#70
Styrene
Concen: 3.316 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion:104 Resp: 16212
Ion Ratio Lower Upper
104 100
78 53.8 43.6 65.4
103 57.3 43.6 65.4

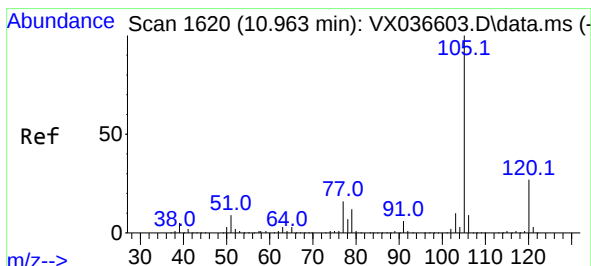
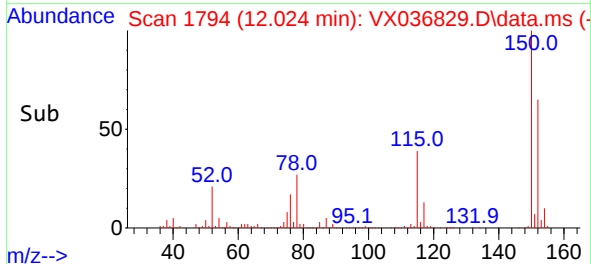
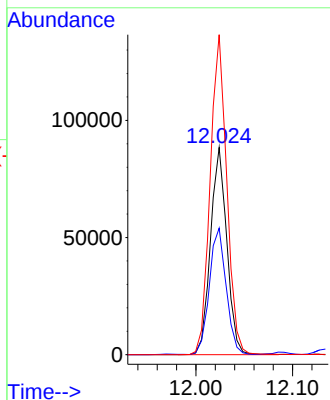
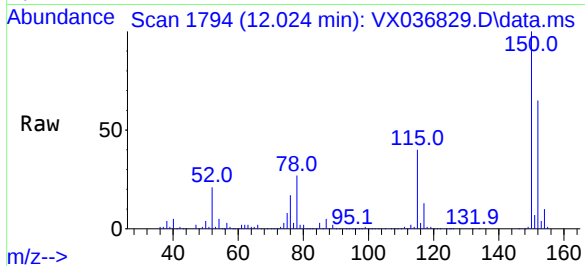




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

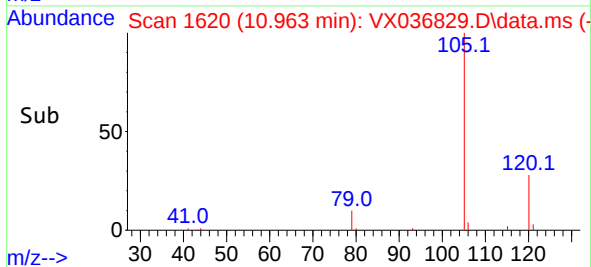
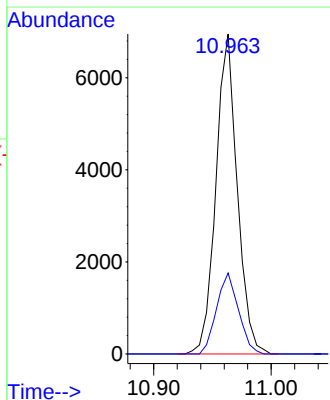
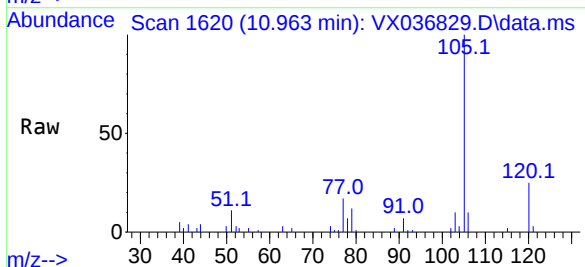
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-1-(0-5)

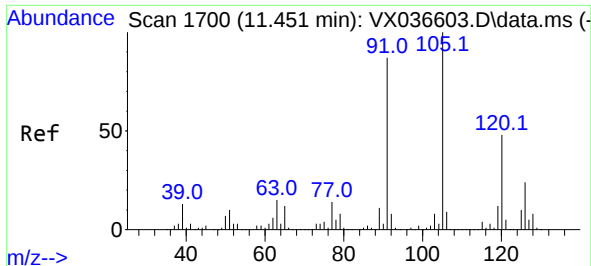
Tgt Ion:152 Resp: 103989
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 156.6 0.0 345.0



#73
Isopropylbenzene
Concen: 1.019 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion:105 Resp: 8767
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

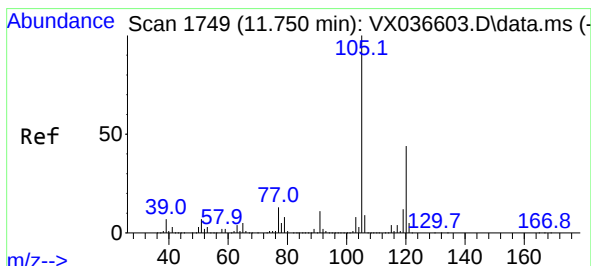
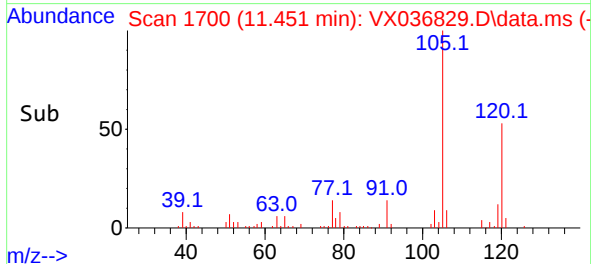
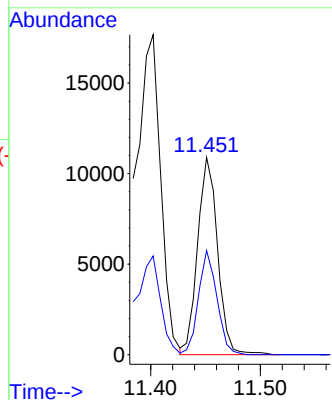
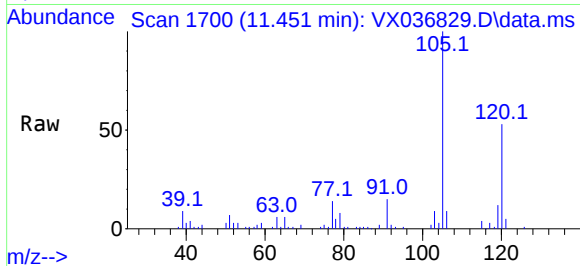




#80
1,3,5-Trimethylbenzene
Concen: 1.923 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-1-(0-5)

Tgt Ion:105 Resp: 13845
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 4.853 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036829.D
Acq: 07 Aug 2023 11:54

Tgt Ion:105 Resp: 34943
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6

