

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036775.D
 Acq On : 02 Aug 2023 17:05
 Operator : JC/MD
 Sample : 03775-03ME
 Misc : 5.16g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BUILDING-A-8-(0-5)ME

Quant Time: Aug 03 07:29:58 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)

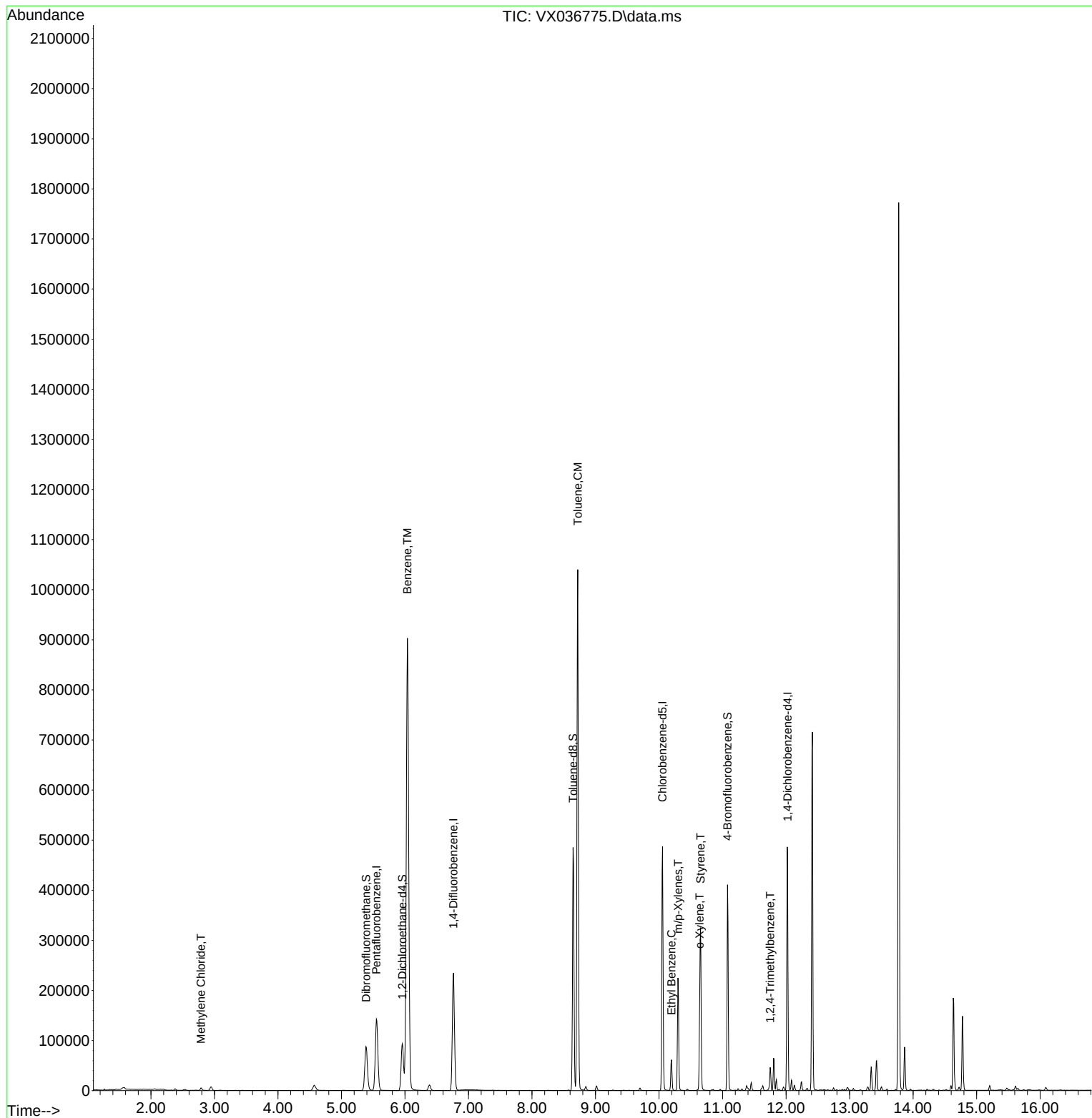
Internal Standards						
1) Pentafluorobenzene	5.550	168	133409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90029	45.608	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.220%		
35) Dibromofluoromethane	5.385	113	77991	47.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.647	98	287440	48.888	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	106063	47.814	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.620%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	2490	1.367	ug/l #	82
40) Benzene	6.038	78	1096983	152.575	ug/l	99
52) Toluene	8.720	92	392818	87.195	ug/l	98
67) Ethyl Benzene	10.195	91	36685	4.125	ug/l	100
68) m/p-Xylenes	10.299	106	51062	15.388	ug/l	98
69) o-Xylene	10.640	106	29614	8.941	ug/l	99
70) Styrene	10.653	104	107597	19.689	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	20544	2.988	ug/l	98

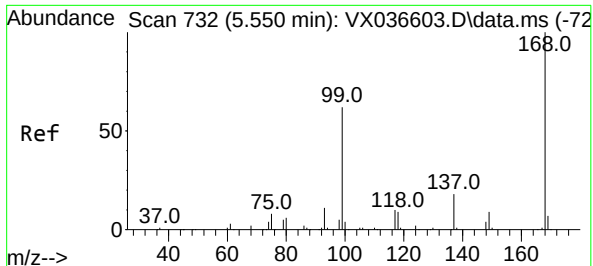
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BUILDING-A-8-(0-5)ME

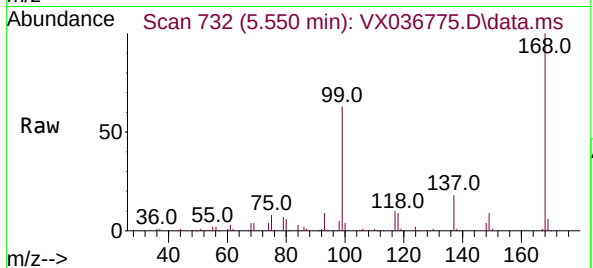
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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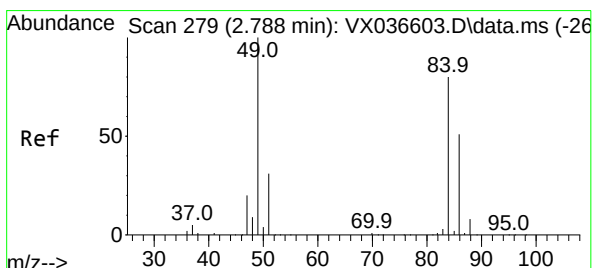
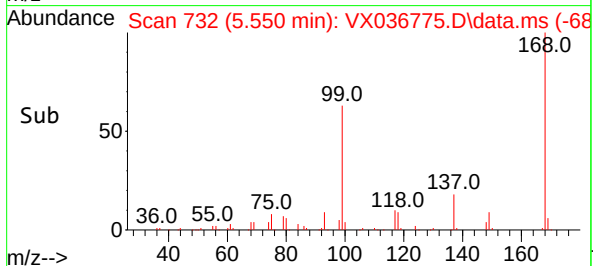
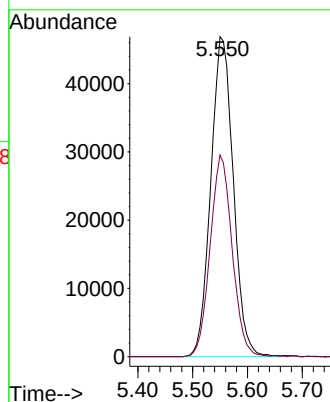


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-8-(0-5)ME

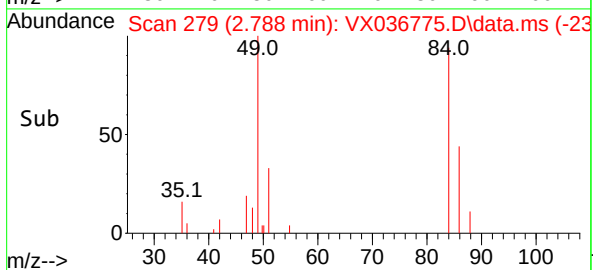
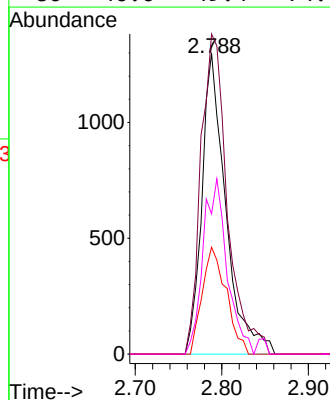
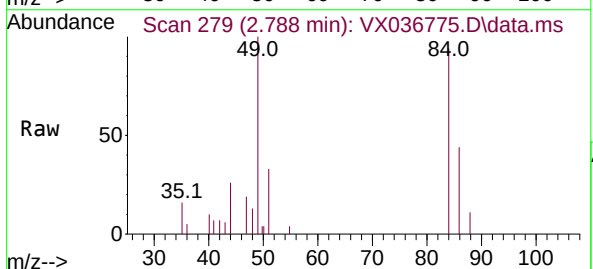


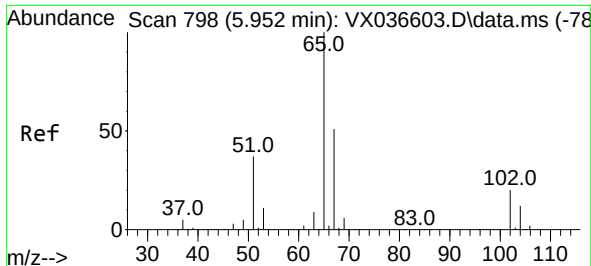
Tgt Ion:168 Resp: 133409
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#20
Methylene Chloride
Concen: 1.367 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

Tgt Ion: 84 Resp: 2490
Ion Ratio Lower Upper
84 100
49 106.4 103.6 155.4
51 35.5 33.8 50.6
86 46.6 49.4 74.0#

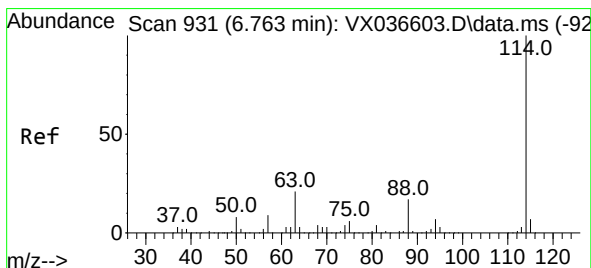
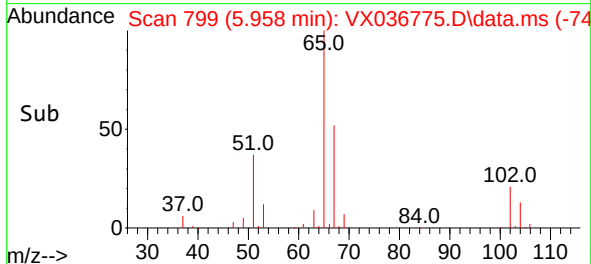
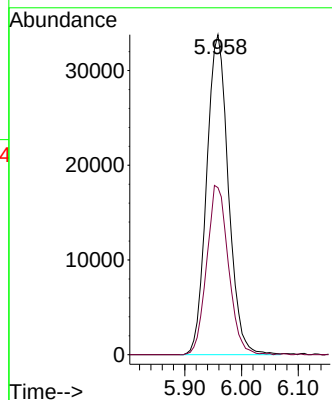
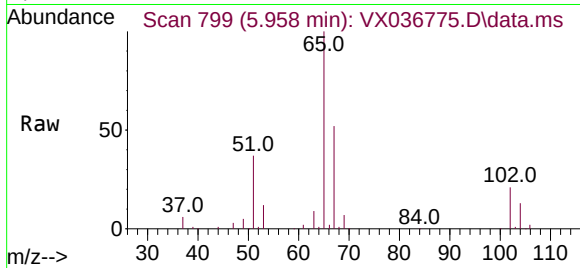




#33
 1,2-Dichloroethane-d4
 Concen: 45.608 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX036775.D
 Acq: 02 Aug 2023 17:05

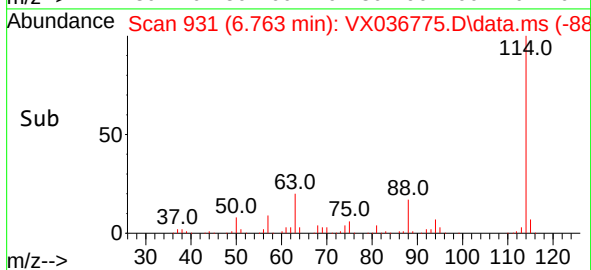
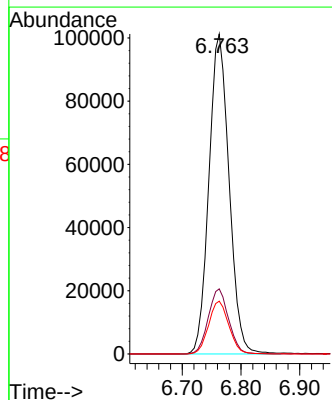
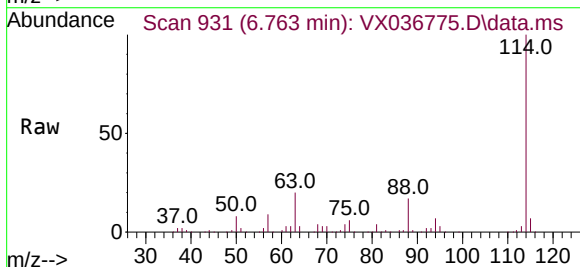
Instrument :
 MSVOA_X
 ClientSampleId :
 BUILDING-A-8-(0-5)ME

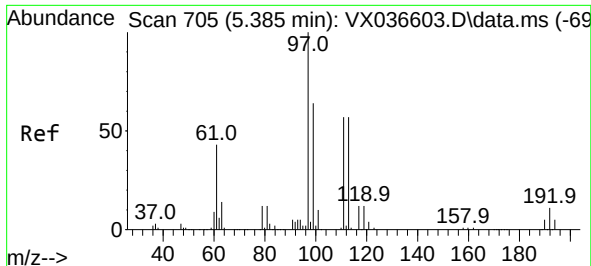
Tgt Ion: 65 Resp: 90029
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036775.D
 Acq: 02 Aug 2023 17:05

Tgt Ion: 114 Resp: 241214
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.5 0.0 36.6

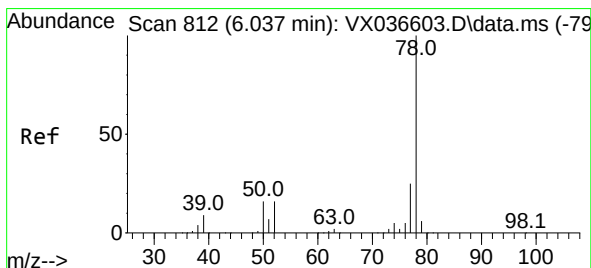
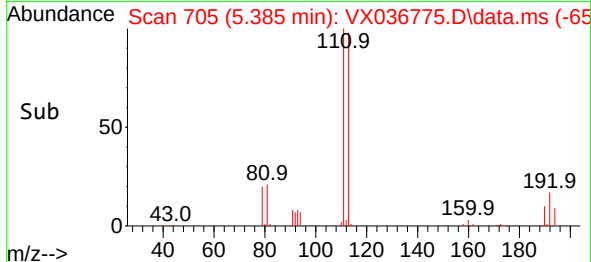
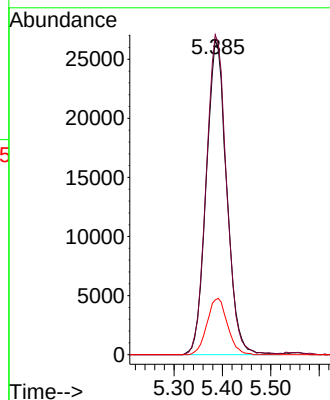
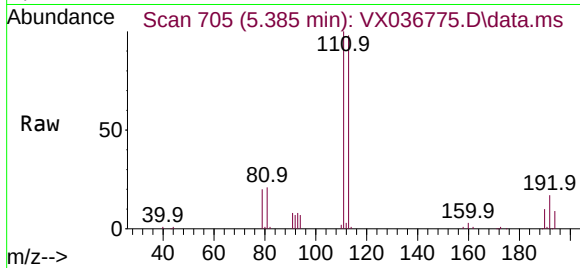




#35
Dibromofluoromethane
Concen: 47.040 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

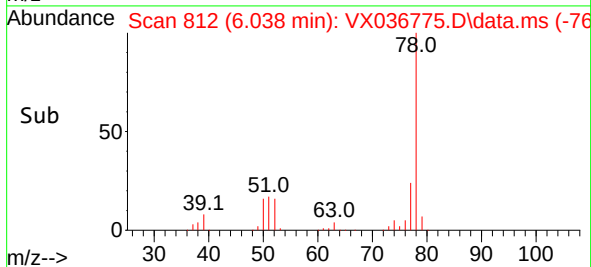
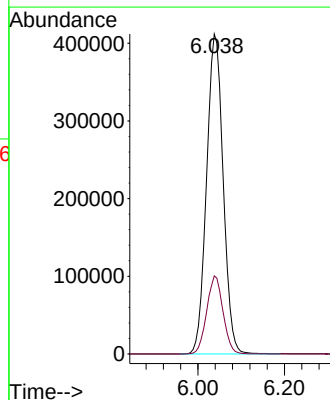
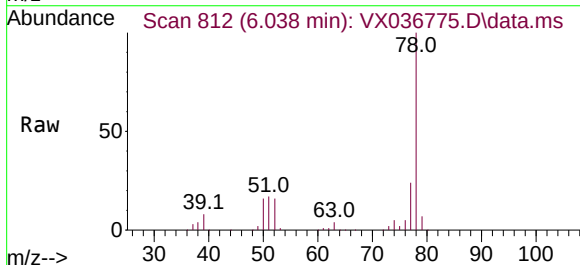
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-8-(0-5)ME

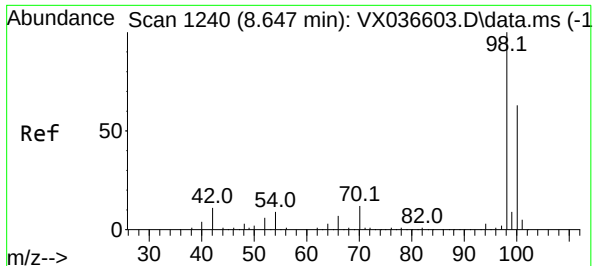
Tgt Ion:113 Resp: 77991
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 17.9 13.3 19.9



#40
Benzene
Concen: 152.575 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

Tgt Ion: 78 Resp: 1096983
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

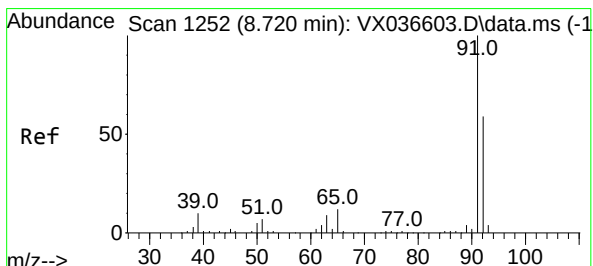
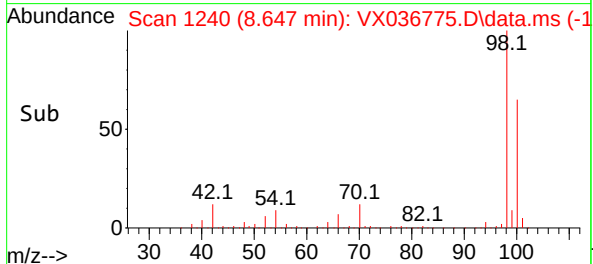
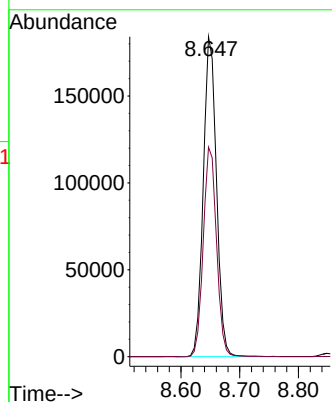
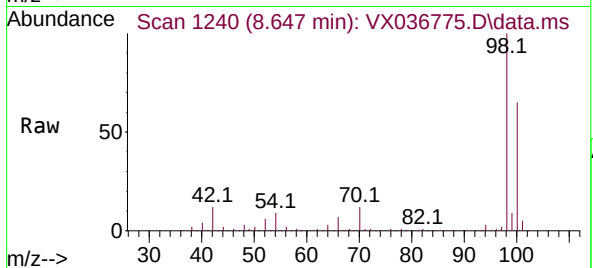




#50
Toluene-d8
Concen: 48.888 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

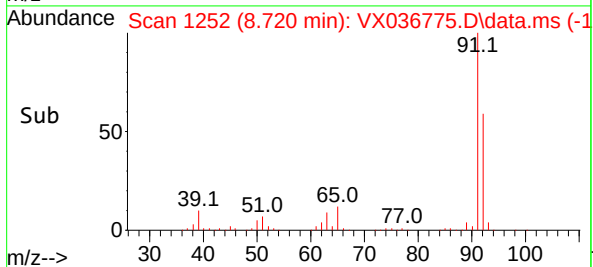
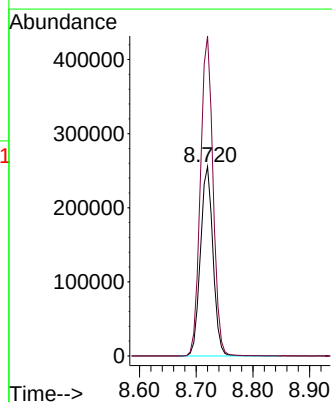
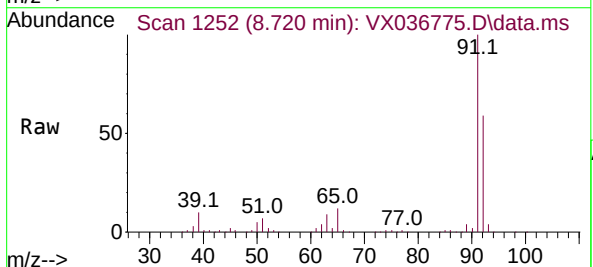
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-8-(0-5)ME

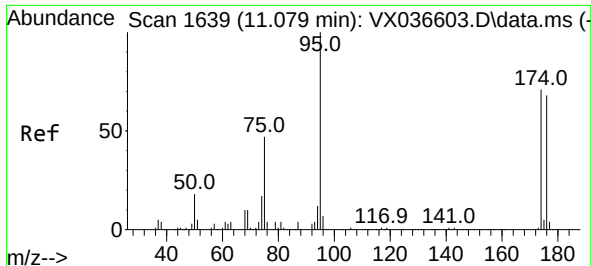
Tgt Ion: 98 Resp: 287440
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#52
Toluene
Concen: 87.195 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

Tgt Ion: 92 Resp: 392818
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2

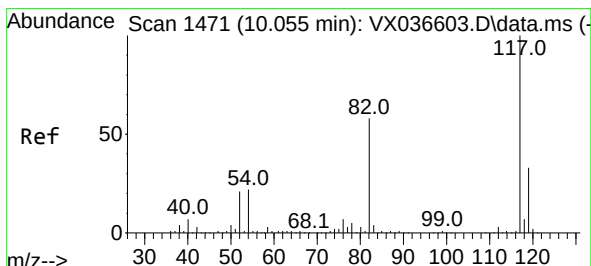
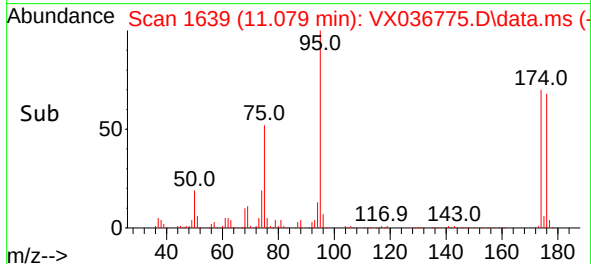
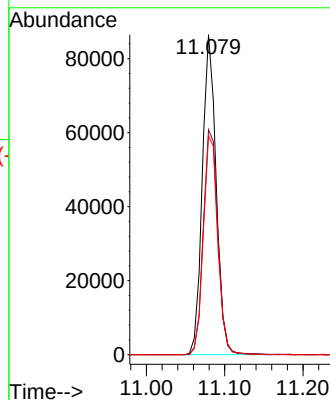
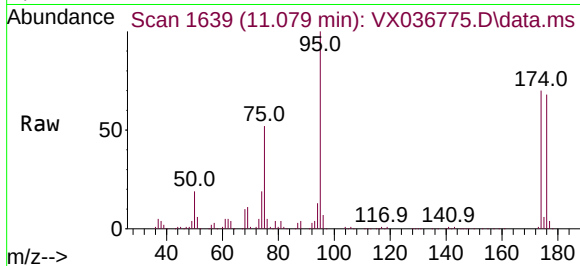




#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

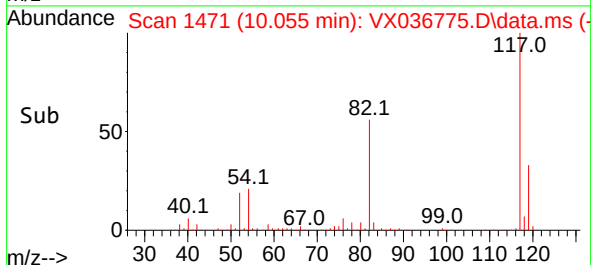
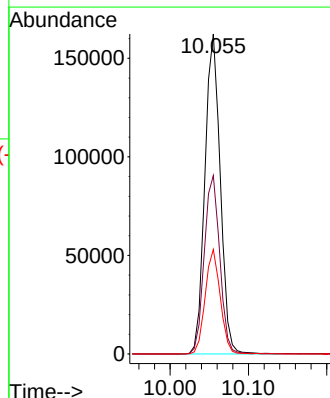
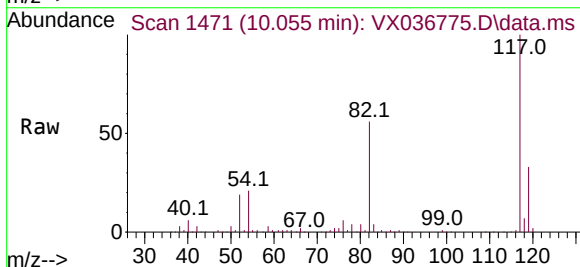
Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-8-(0-5)ME

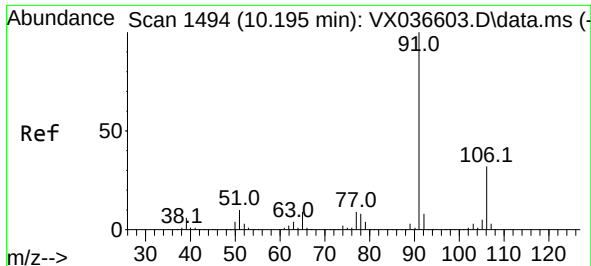
Tgt Ion: 95 Resp: 106063
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

Tgt Ion: 117 Resp: 220857
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.6 25.5 38.3

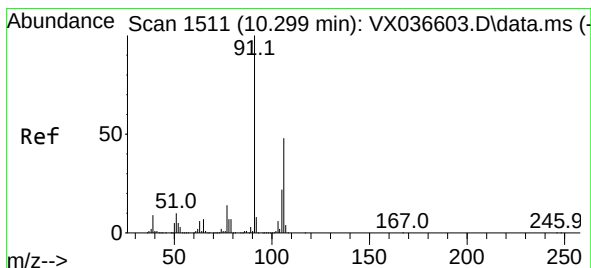
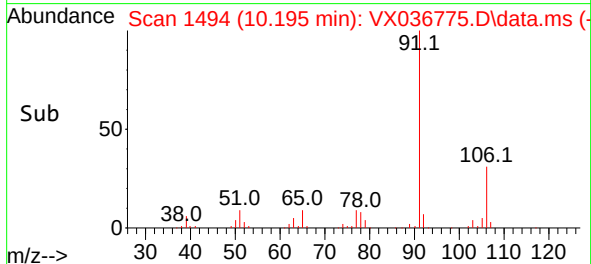
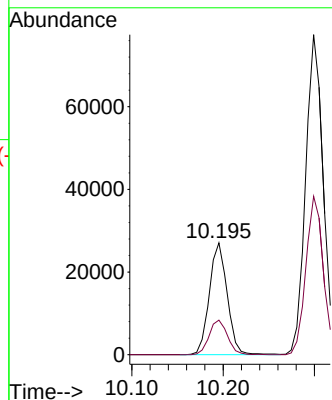
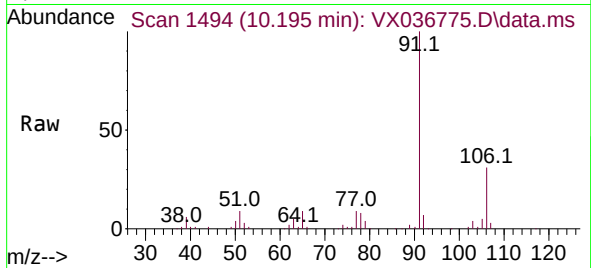




#67
Ethyl Benzene
Concen: 4.125 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

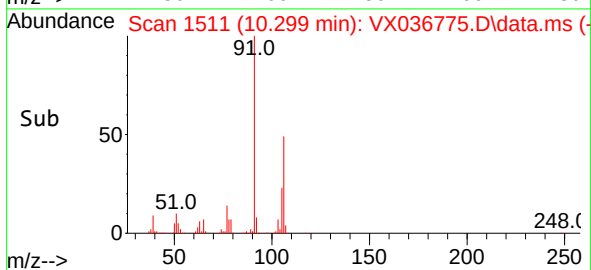
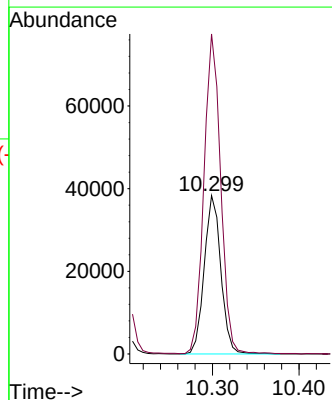
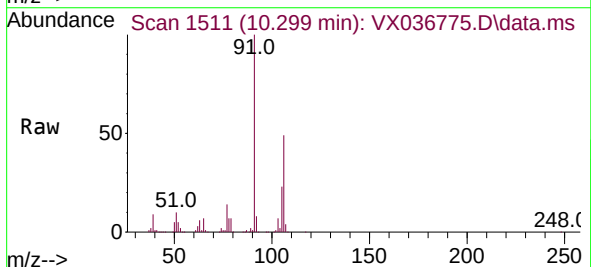
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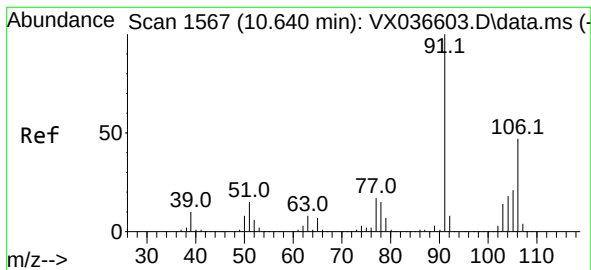
Tgt Ion: 91 Resp: 36685
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 15.388 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036775.D
Acq: 02 Aug 2023 17:05

Tgt Ion: 106 Resp: 51062
Ion Ratio Lower Upper
106 100
91 203.9 165.5 248.3





#69

o-Xylene

Concen: 8.941 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036775.D

Acq: 02 Aug 2023 17:05

Instrument :

MSVOA_X

ClientSampleId :

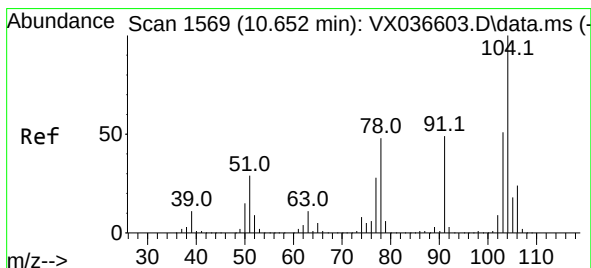
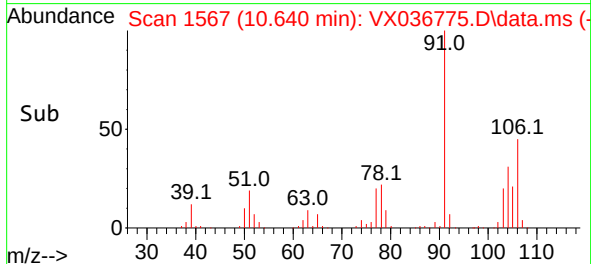
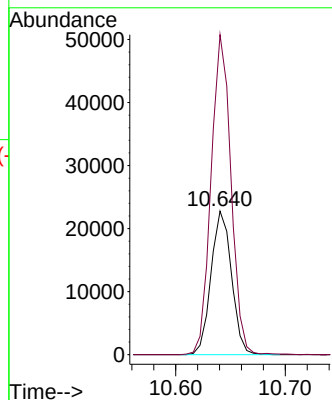
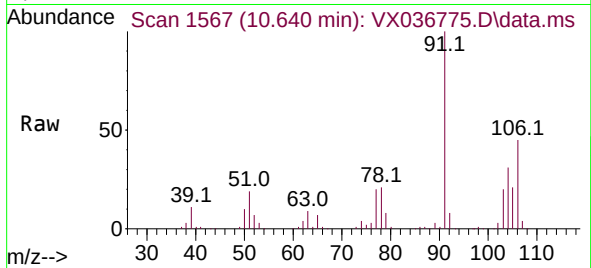
BUILDING-A-8-(0-5)ME

Tgt Ion:106 Resp: 29614

Ion Ratio Lower Upper

106 100

91 216.9 108.9 326.8



#70

Styrene

Concen: 19.689 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036775.D

Acq: 02 Aug 2023 17:05

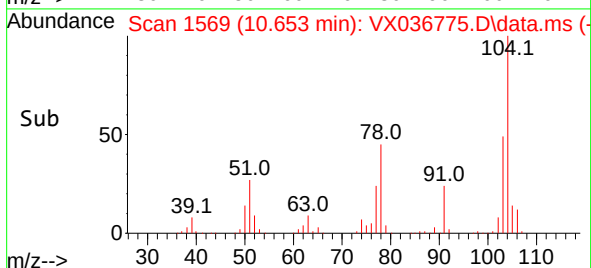
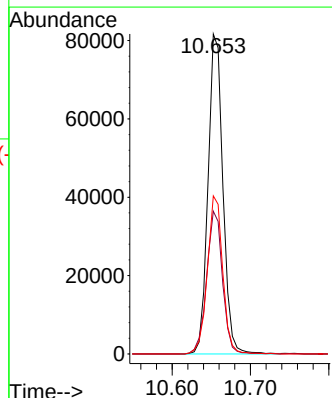
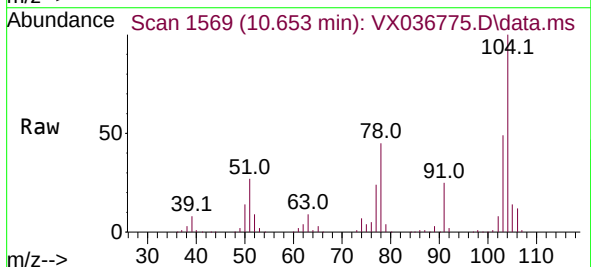
Tgt Ion:104 Resp: 107597

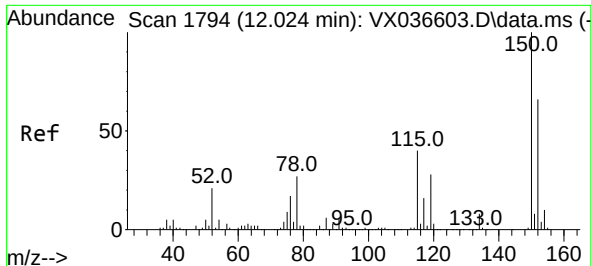
Ion Ratio Lower Upper

104 100

78 47.6 43.6 65.4

103 51.0 43.6 65.4

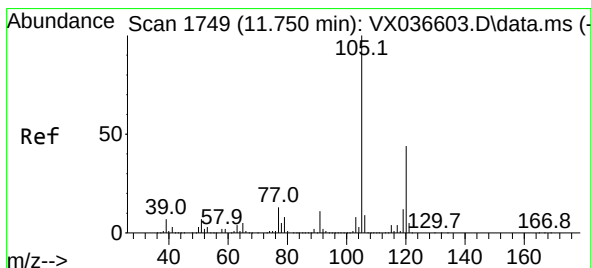
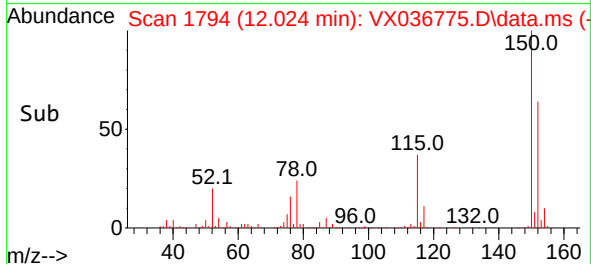
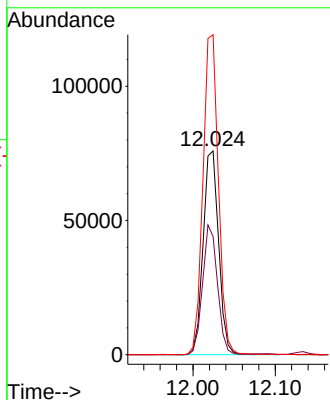
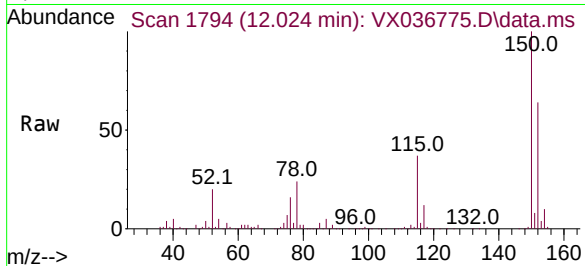




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX036775.D
 Acq: 02 Aug 2023 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 BUILDING-A-8-(0-5)ME

Tgt Ion:152 Resp: 99314
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 156.8 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 2.988 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX036775.D
 Acq: 02 Aug 2023 17:05

Tgt Ion:105 Resp: 20544
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.2 63.6

