Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
Data File : VX036776.D
Acq On : 02 Aug 2023 17:29
Operator : JC/MD
Sample : 03775-04ME
Misc : 6.45g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Quant Time: Aug 03 07:30:10 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	126891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85192	45.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.740%		
35) Dibromofluoromethane	5.391	113	72331	45.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.200%		
50) Toluene-d8	8.647	98	275520	48.983	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.960%		
62) 4-Bromofluorobenzene	11.079	95	102976	48.524	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.040%		
Target Compounds						Qvalue
20) Methylene Chloride	2.794	84	1840	1.062	ug/l #	77
40) Benzene	6.037	78	1008414	146.607	ug/l	99
52) Toluene	8.720	92	443357	102.869	ug/l	97
67) Ethyl Benzene	10.195	91	550320	65.443	ug/l	99
68) m/p-Xylenes	10.299	106	112343	35.806	ug/l	99
69) o-Xylene	10.640	106	61193	19.539	ug/l	100
70) Styrene	10.653	104	49214	9.524	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	10936	1.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	34075	5.161	ug/l	97

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

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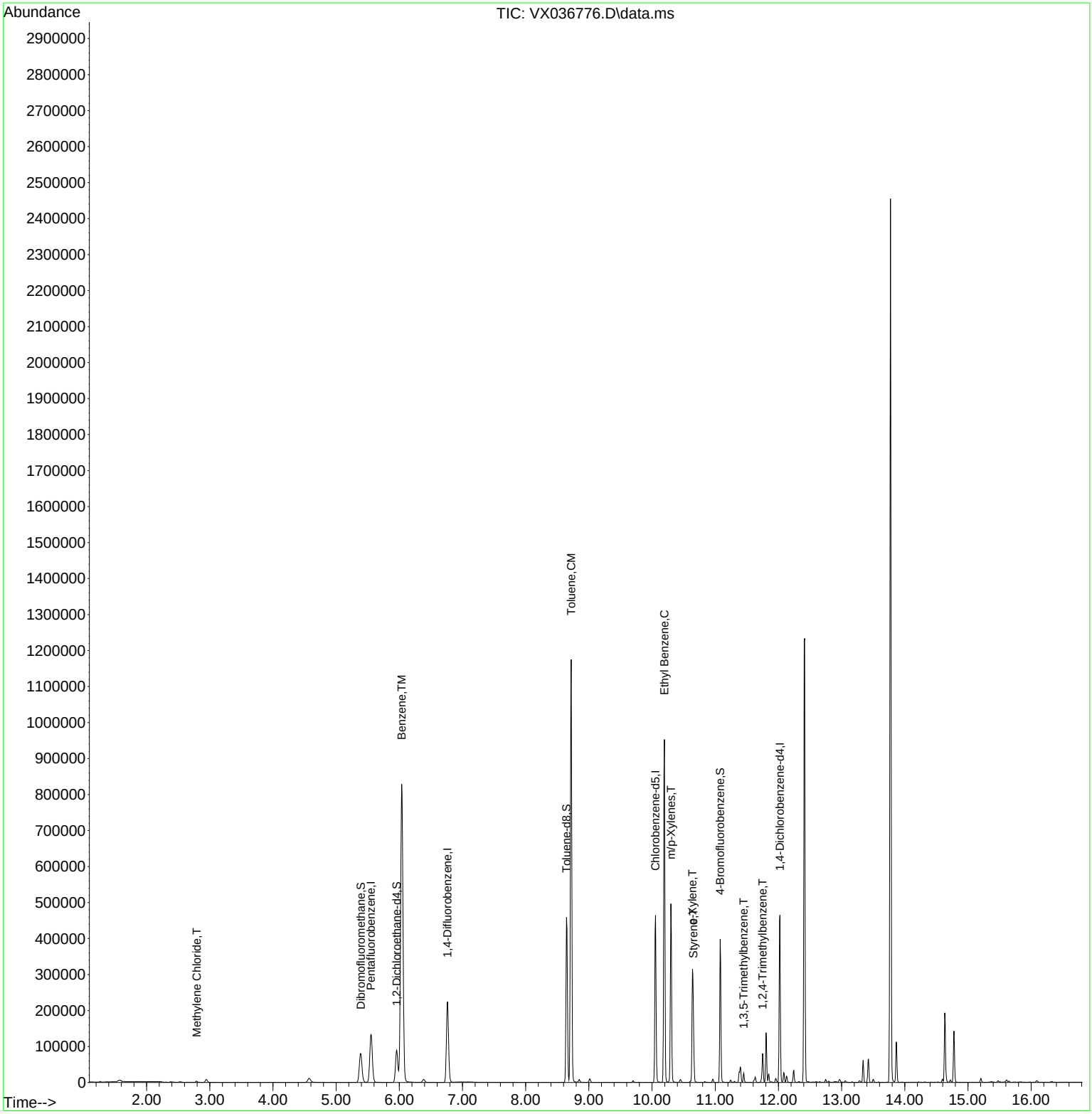
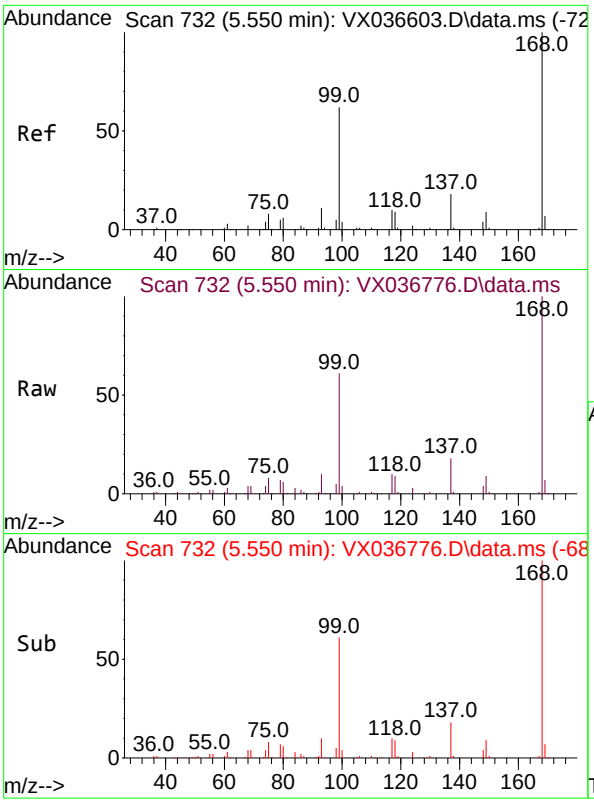
ClientSampleId :
BUILDING-A-6-(5-10)ME

Quant Time: Aug 03 07:30:10 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



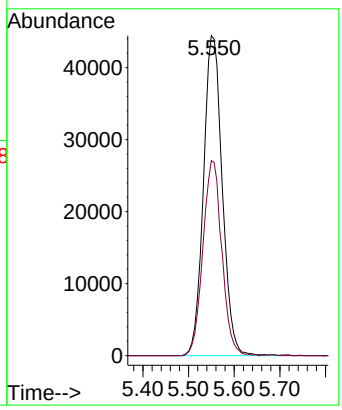


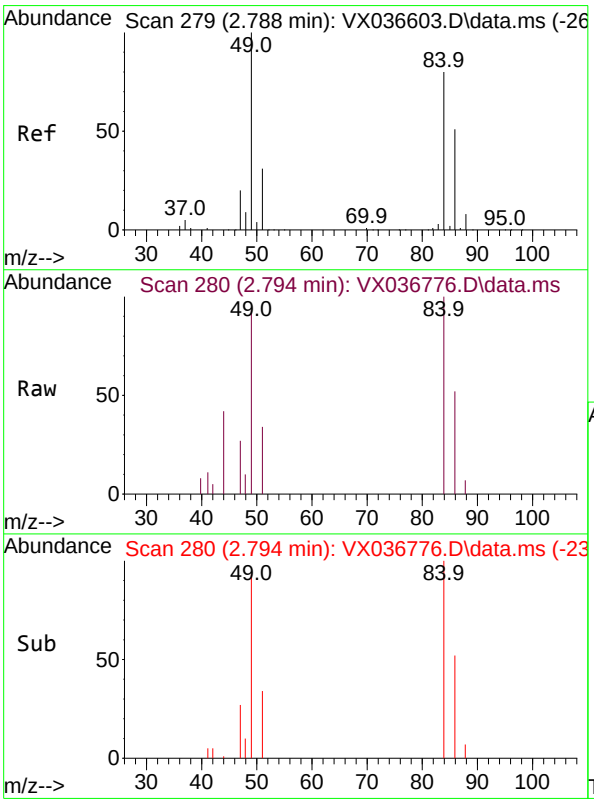
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion:168 Resp: 126891

Ion	Ratio	Lower	Upper
168	100		
99	60.9	56.6	85.0

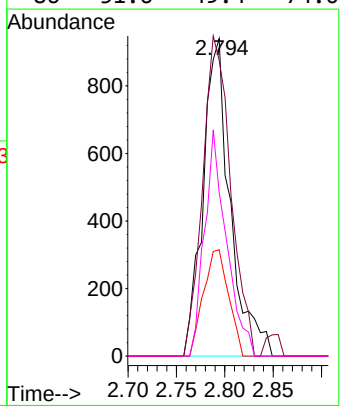


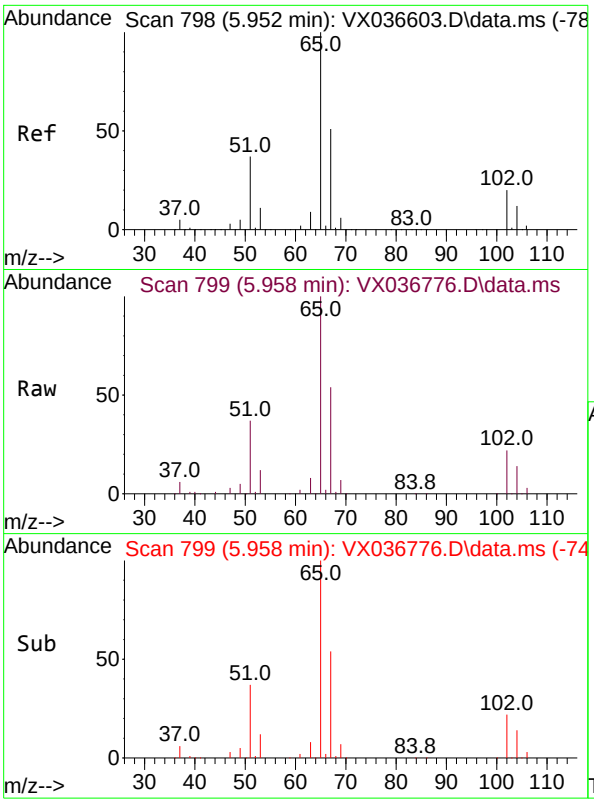


#20
Methylene Chloride
Concen: 1.062 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 84 Resp: 1840

Ion	Ratio	Lower	Upper
84	100		
49	93.2	103.6	155.4#
51	33.5	33.8	50.6#
86	51.6	49.4	74.0



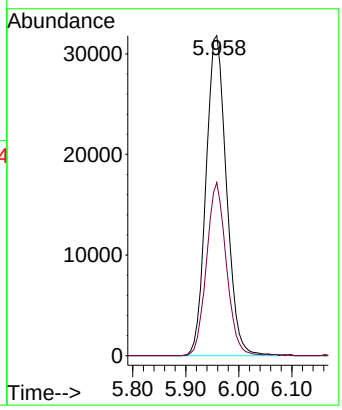


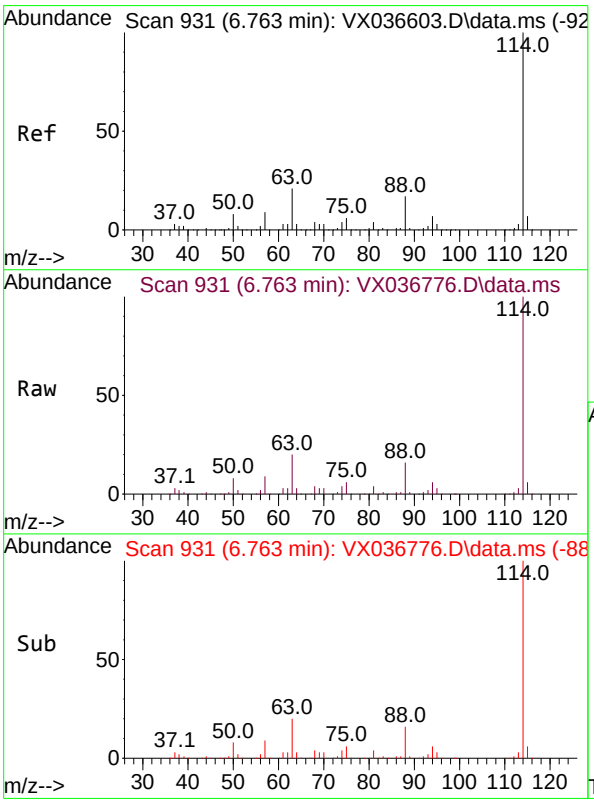
#33
1,2-Dichloroethane-d4
Concen: 45.374 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion: 65 Resp: 85192

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	100.2

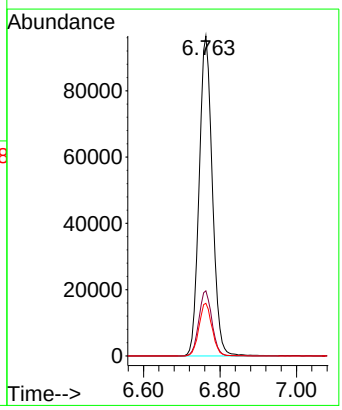


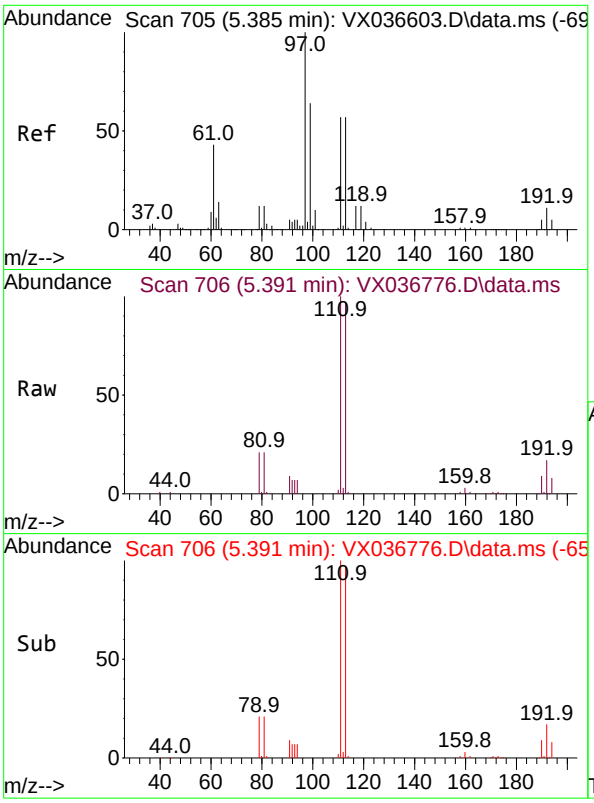


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:114 Resp: 230765

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	45.0
88	16.4	0.0	36.6



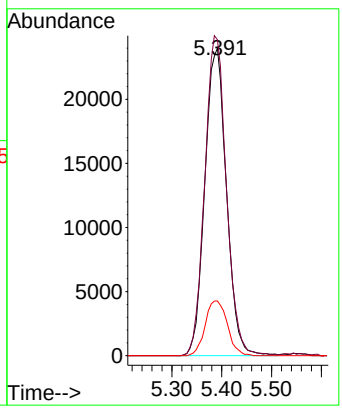


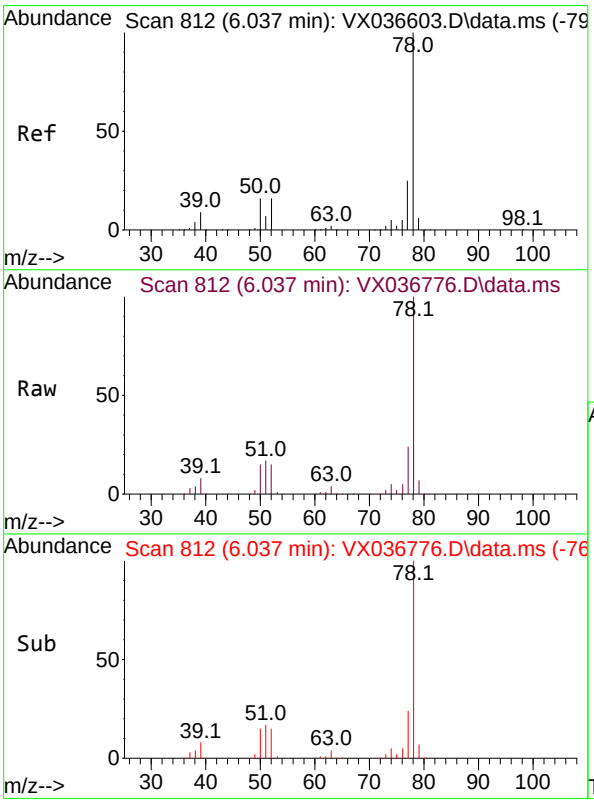
#35
Dibromofluoromethane
Concen: 45.602 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion:113 Resp: 72331

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.9	124.3
192	18.2	13.3	19.9

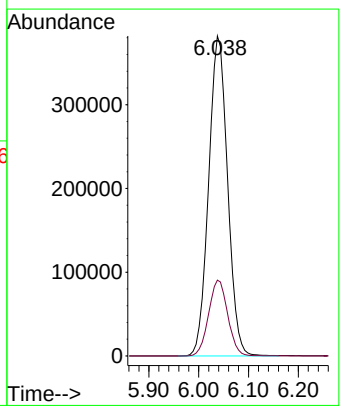


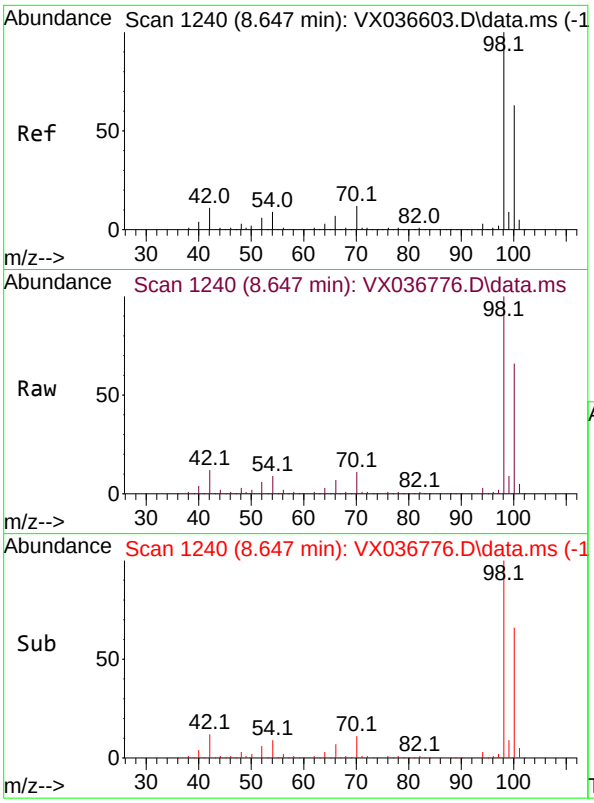


#40
Benzene
Concen: 146.607 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 78 Resp: 1008414

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9



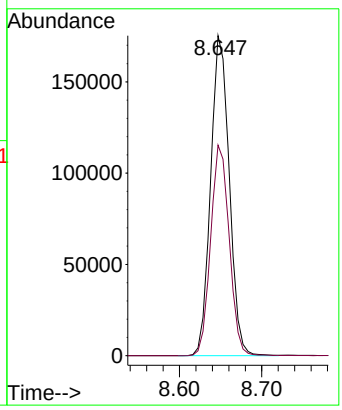


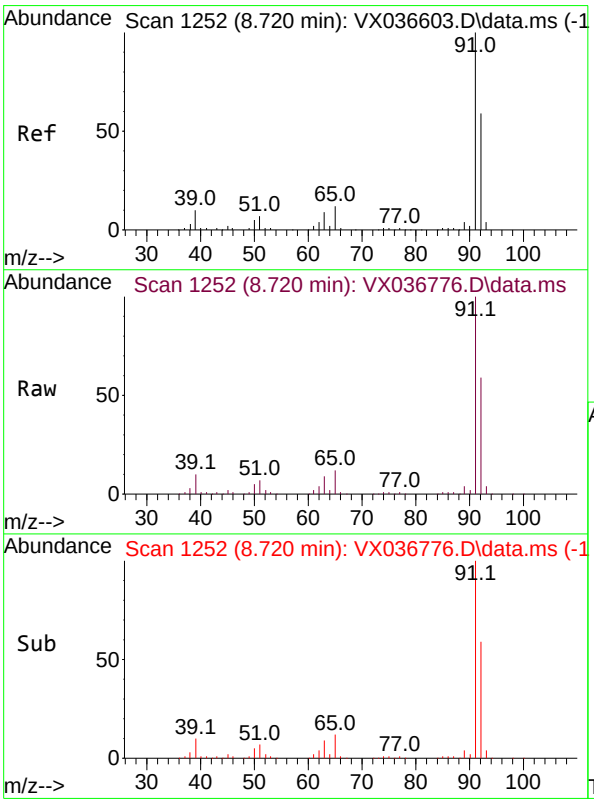
#50
Toluene-d8
Concen: 48.983 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion: 98 Resp: 275520

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7

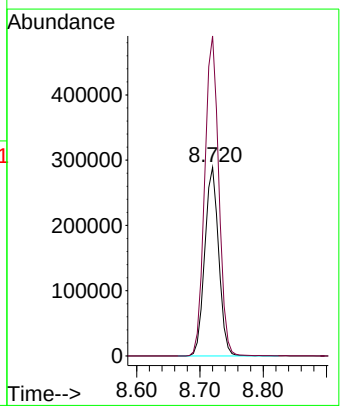


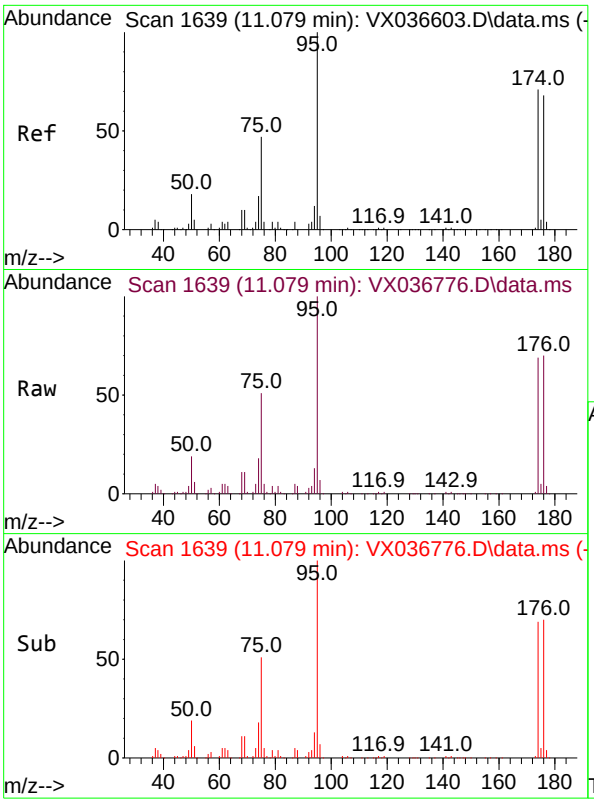


#52
Toluene
Concen: 102.869 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion: 92 Resp: 443357

Ion	Ratio	Lower	Upper
92	100		
91	171.5	134.2	201.2



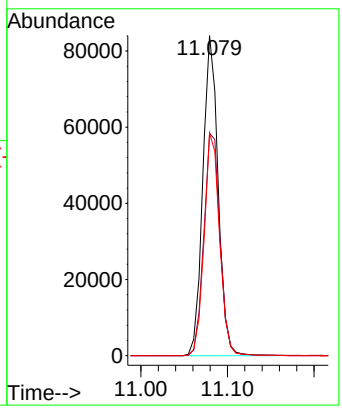


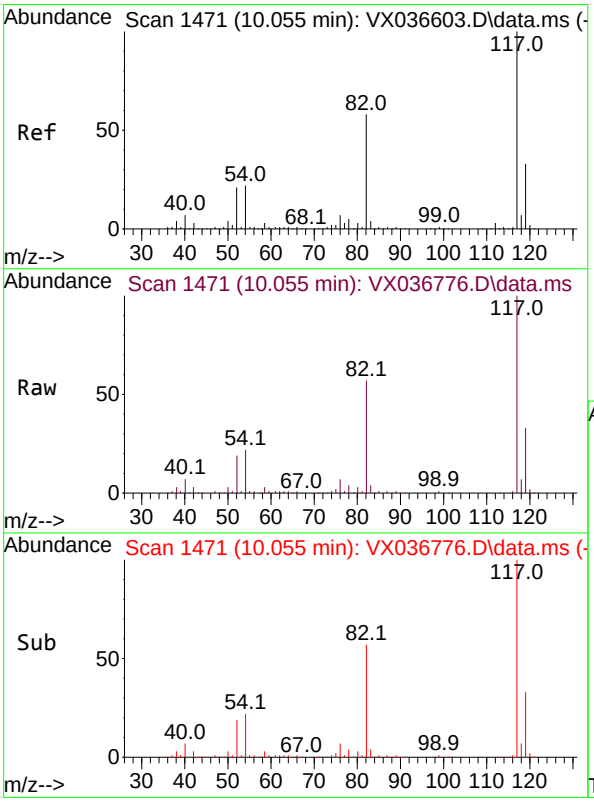
#62
4-Bromofluorobenzene
Concen: 48.524 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion: 95 Resp: 102976

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	135.6
176	70.3	0.0	131.0

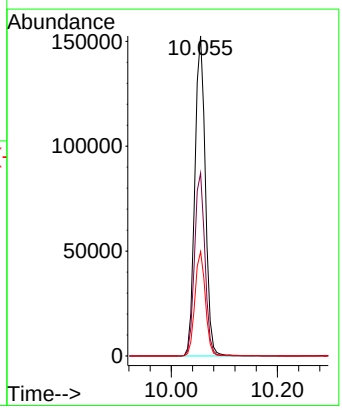


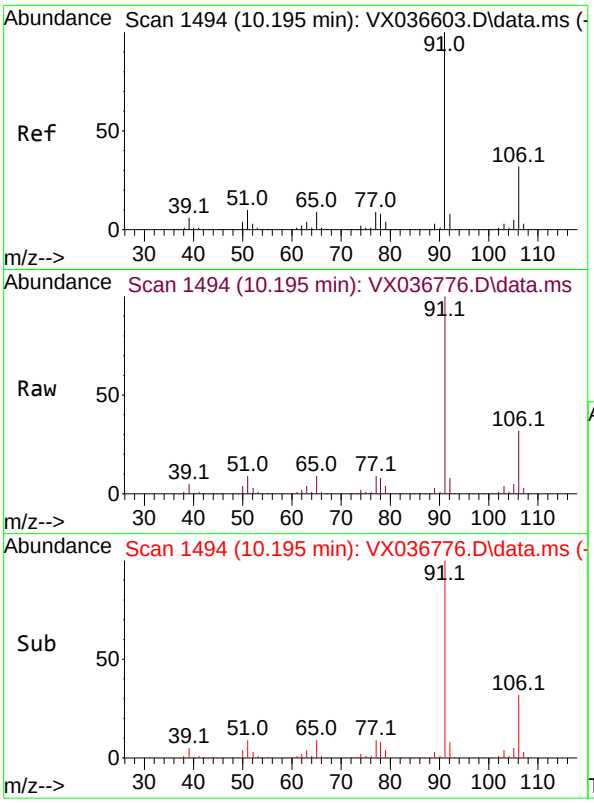


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:117 Resp: 208830

Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.2	69.4
119	32.6	25.5	38.3



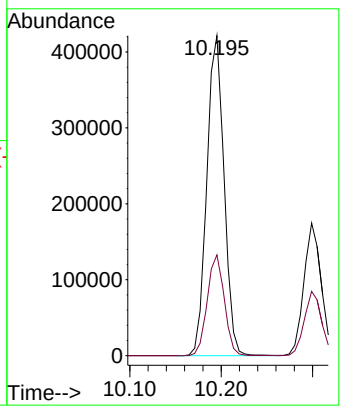


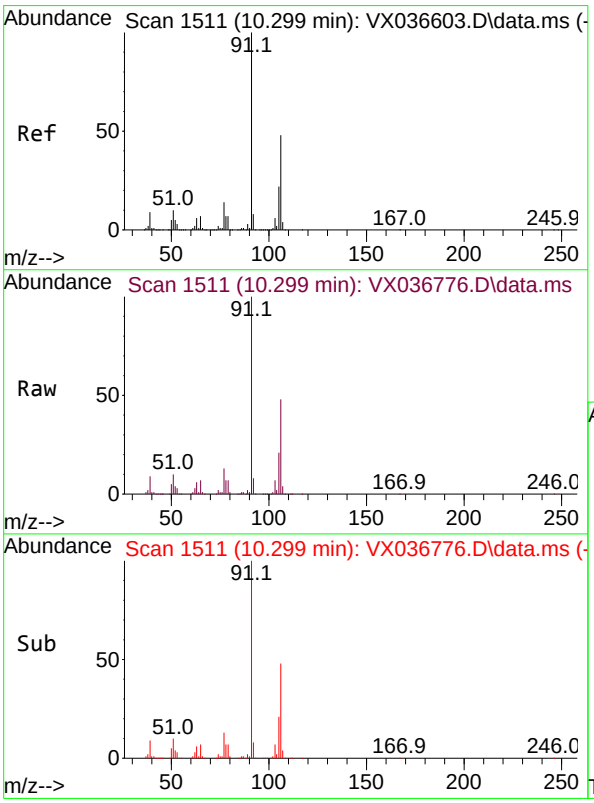
#67
Ethyl Benzene
Concen: 65.443 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion: 91 Resp: 550320

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.9	37.3

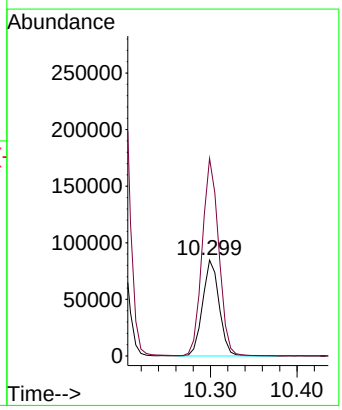


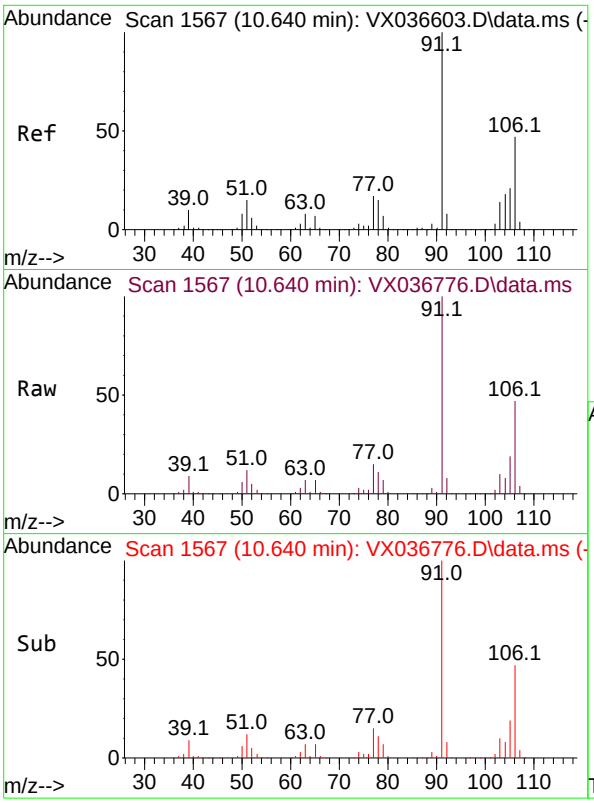


#68
m/p-Xylenes
Concen: 35.806 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:106 Resp: 112343

Ion	Ratio	Lower	Upper
106	100		
91	205.8	165.5	248.3



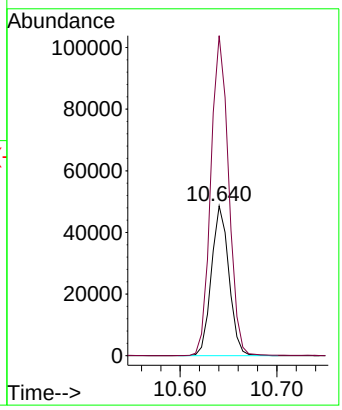


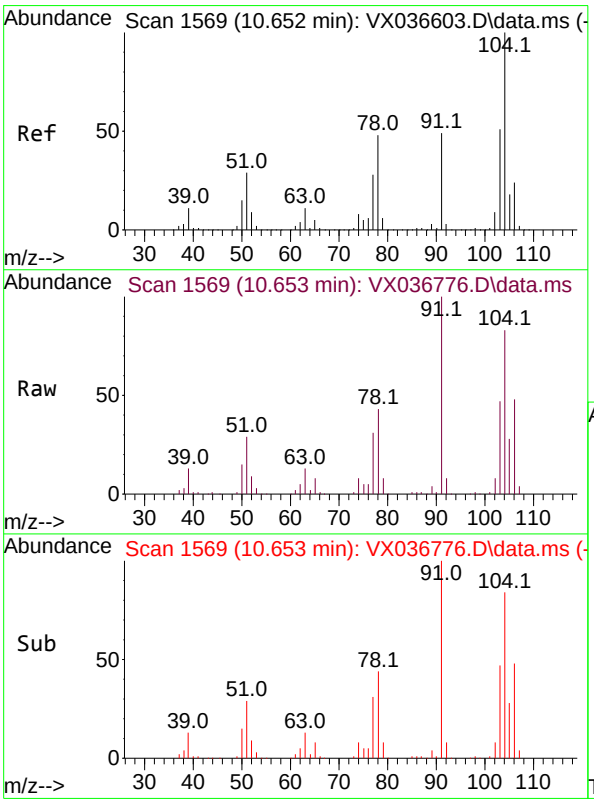
#69
o-Xylene
Concen: 19.539 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion:106 Resp: 61193

Ion	Ratio	Lower	Upper
106	100		
91	217.8	108.9	326.8

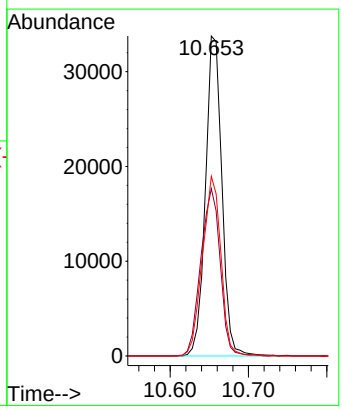


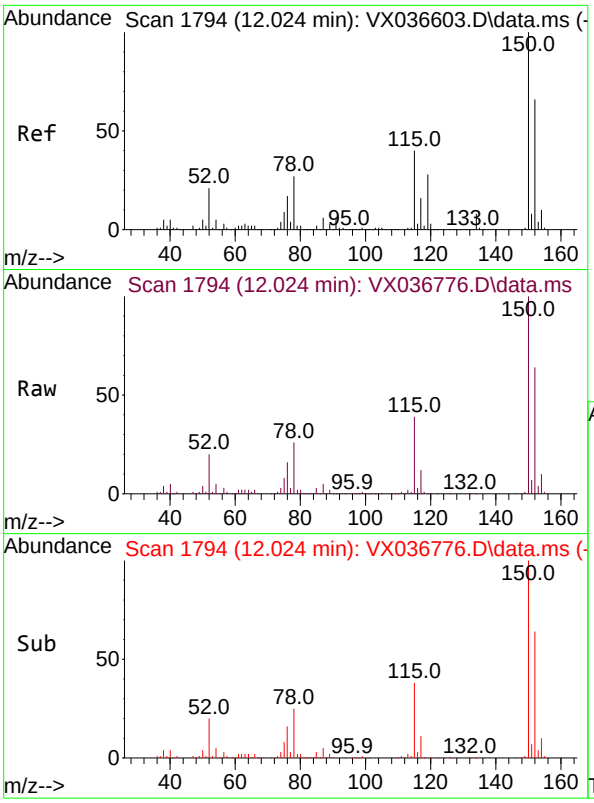


#70
Styrene
Concen: 9.524 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:104 Resp: 49214

Ion	Ratio	Lower	Upper
104	100		
78	61.6	43.6	65.4
103	63.1	43.6	65.4



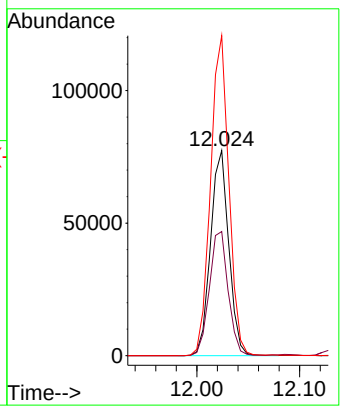


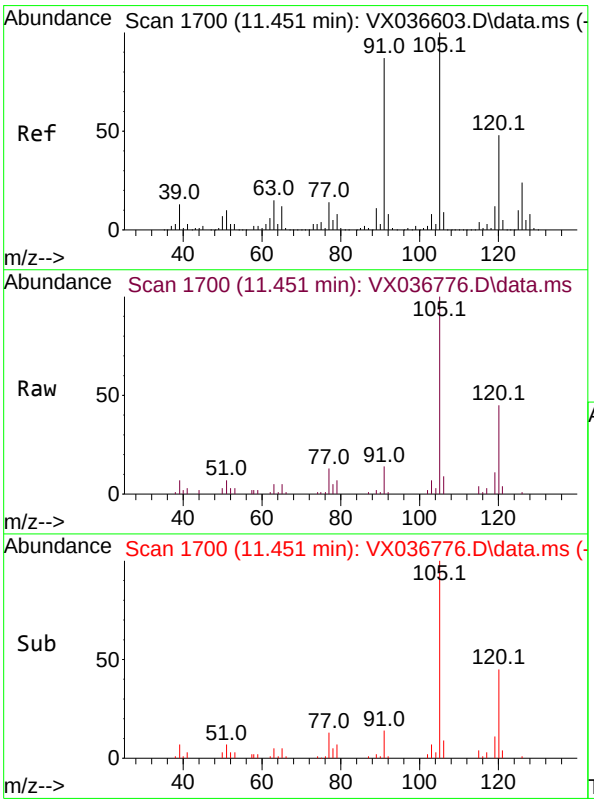
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion:152 Resp: 95355

Ion	Ratio	Lower	Upper
152	100		
115	62.6	43.3	129.9
150	157.0	0.0	345.0

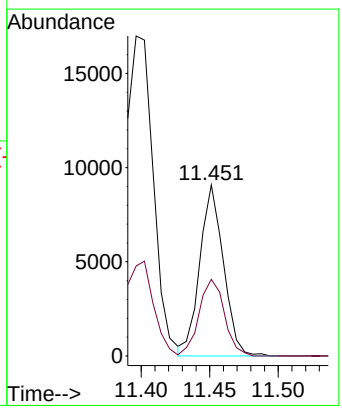


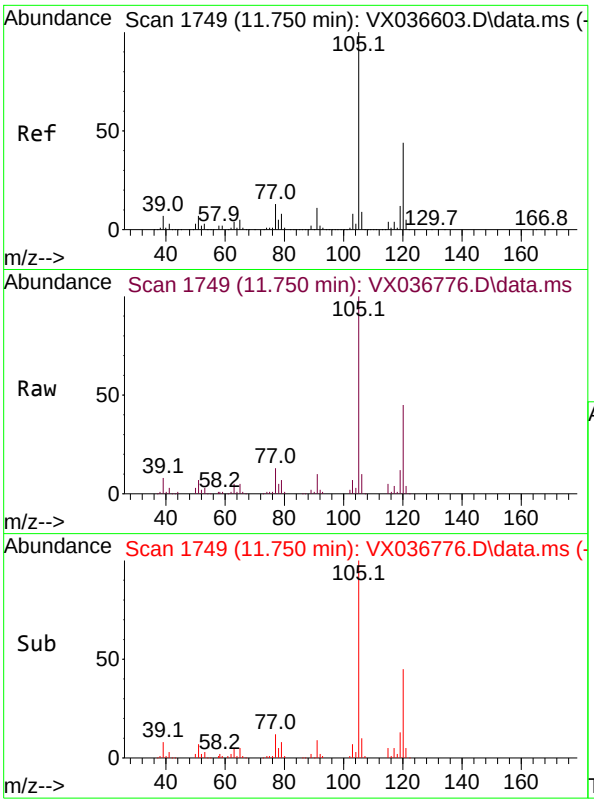


#80
1,3,5-Trimethylbenzene
Concen: 1.657 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Tgt Ion:105 Resp: 10936

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.1	72.3





#84
1,2,4-Trimethylbenzene
Concen: 5.161 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036776.D
Acq: 02 Aug 2023 17:29

Instrument :
MSVOA_X
ClientSampleId :
BUILDING-A-6-(5-10)ME

Tgt Ion:105 Resp: 34075

Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.2	63.6