Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
Data File : VX036722.D
Acq On : 31 Jul 2023 15:59
Operator : JC/MD
Sample : 03808-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1715

Quant Time: Aug 01 04:38:33 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	5.556	168	146261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96849	44.752	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 89.500%			
35) Dibromofluoromethane	5.385	113	83252	46.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.000%			
50) Toluene-d8	8.647	98	316540	49.323	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	116931	48.293	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.580%			
Target Compounds						Qvalue
16) Acetone	2.380	43	56392	62.795	ug/l	93
20) Methylene Chloride	2.788	84	1925	0.964	ug/l #	88
25) 2-Butanone	4.568	43	13894	9.536	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	3287	1.130	ug/l	99
52) Toluene	8.720	92	2155937	438.428	ug/l	98
67) Ethyl Benzene	10.195	91	7279	0.742	ug/l	97
68) m/p-Xylenes	10.299	106	7688	2.102	ug/l	94
69) o-Xylene	10.640	106	6285	1.721	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2170	0.292	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	8258	1.111	ug/l	80
95) Naphthalene	13.774	128	6627	0.854	ug/l #	87

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073123\
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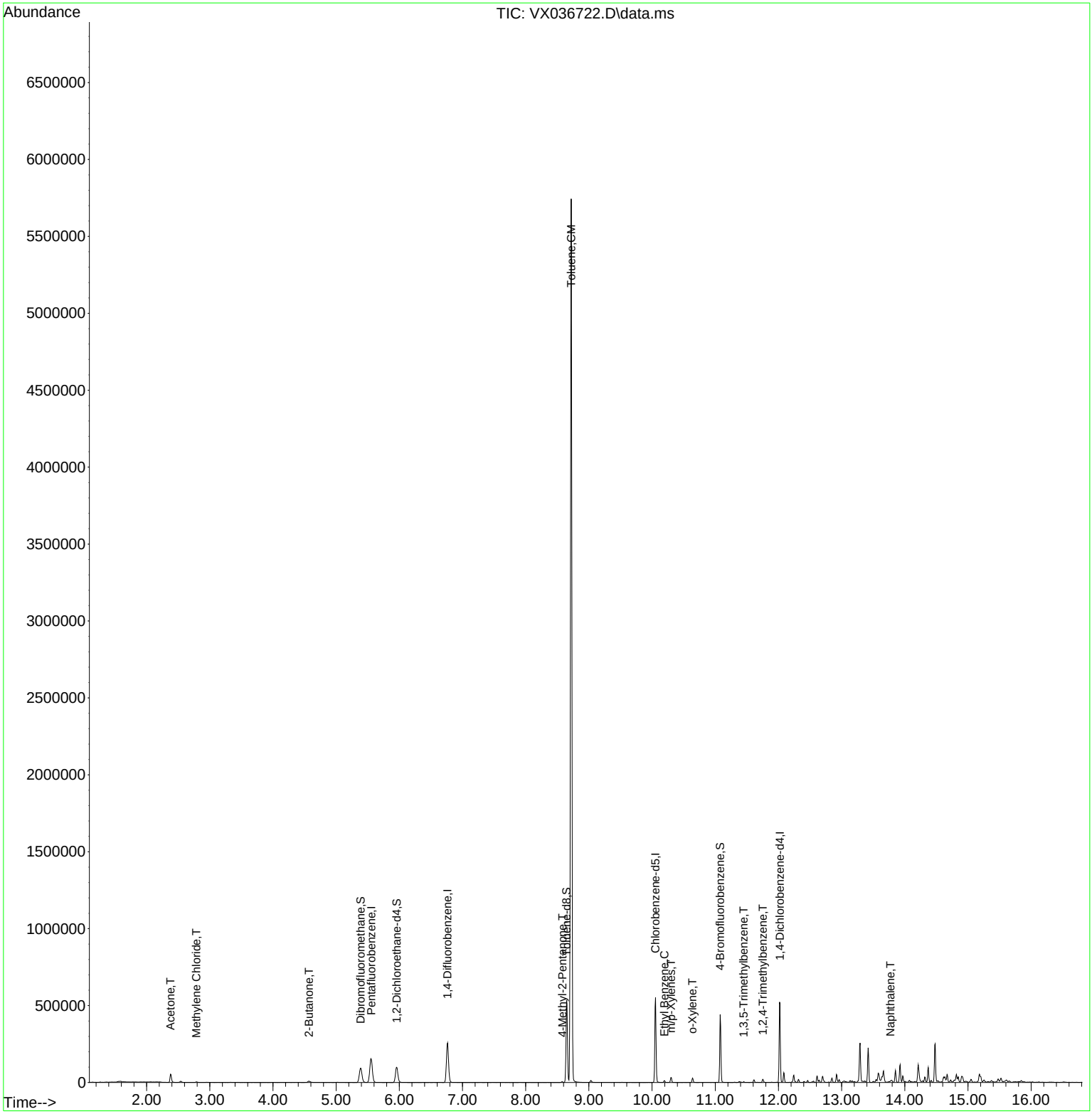
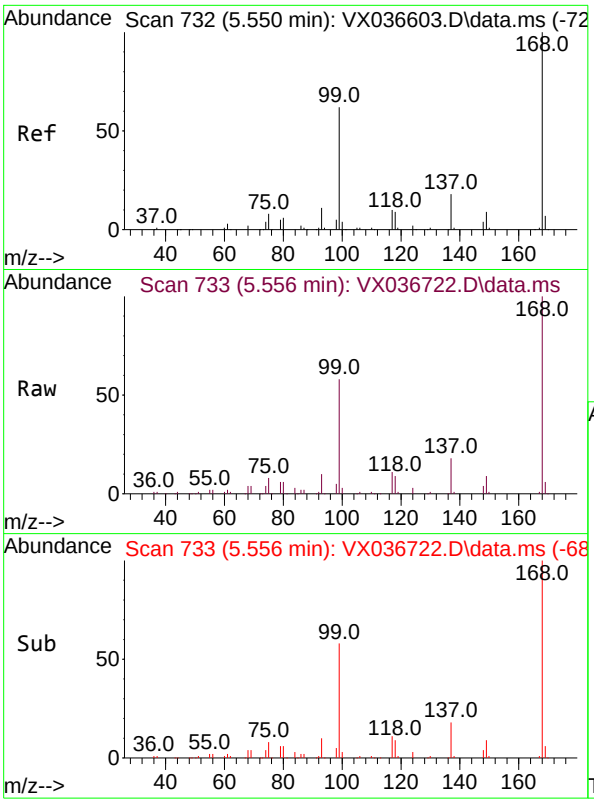
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



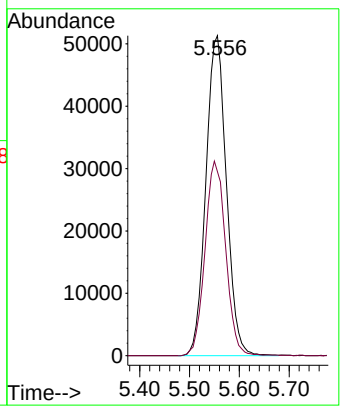


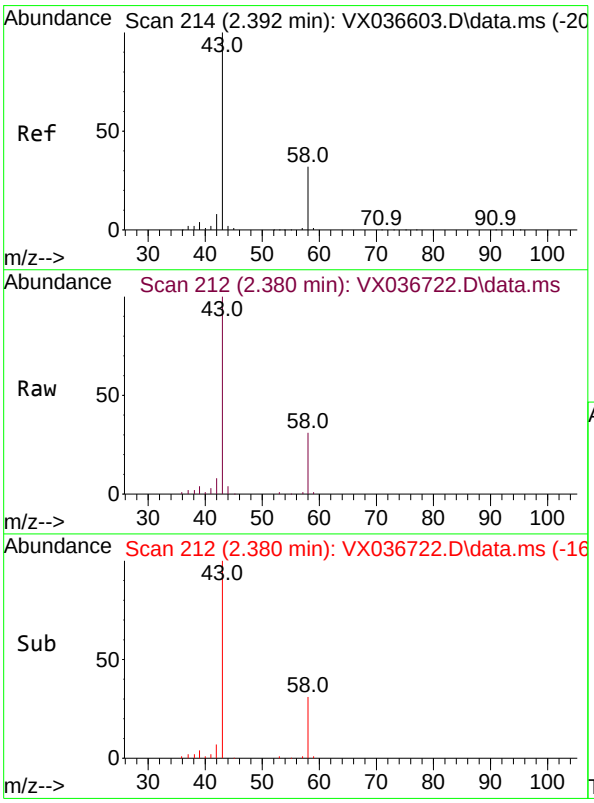
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion:168 Resp: 146261

Ion	Ratio	Lower	Upper
168	100		
99	57.6	56.6	85.0

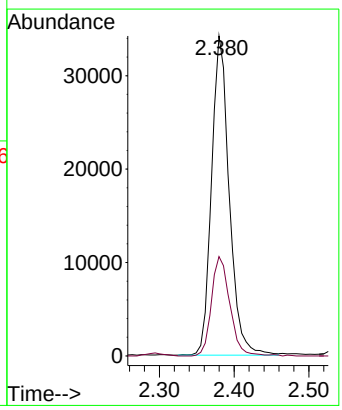


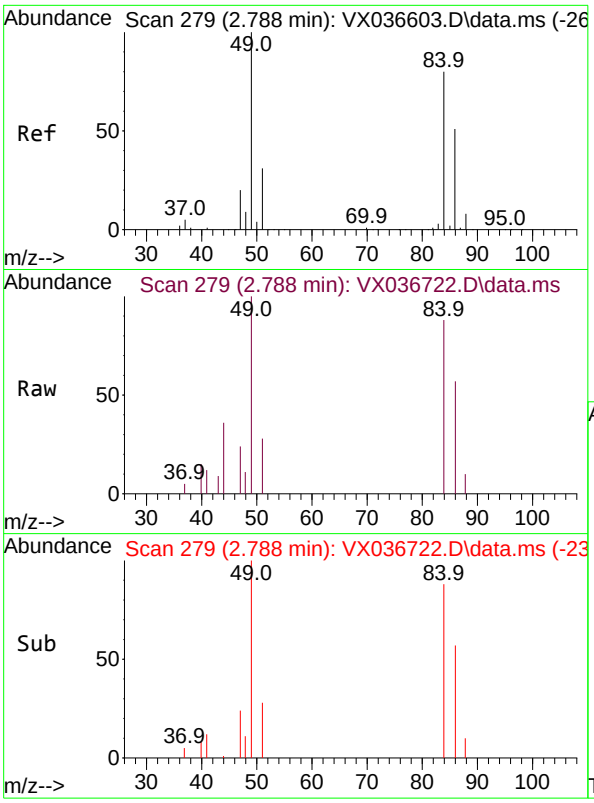


#16
Acetone
Concen: 62.795 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 43 Resp: 56392

Ion	Ratio	Lower	Upper
43	100		
58	31.1	21.9	32.9



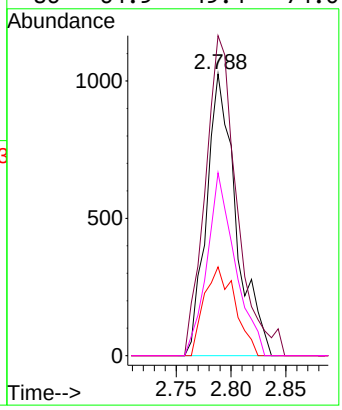


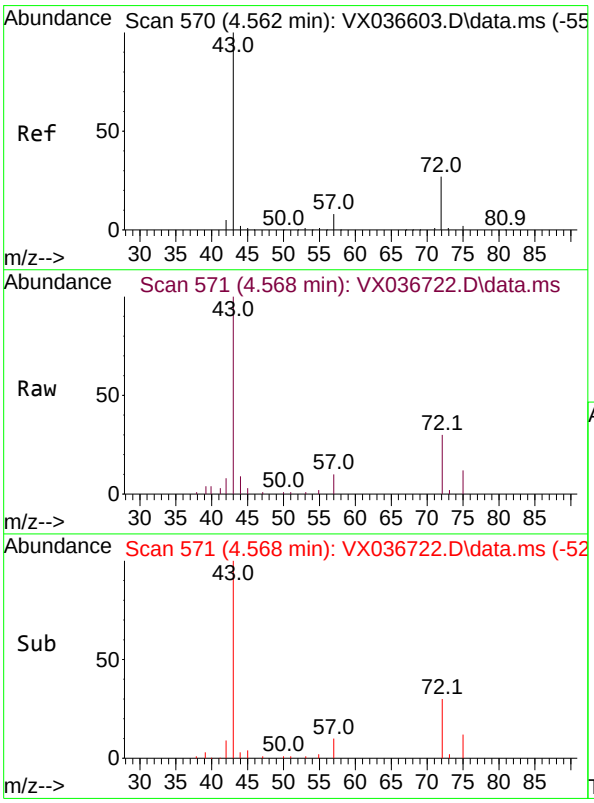
#20
Methylene Chloride
Concen: 0.964 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion: 84 Resp: 1925

Ion	Ratio	Lower	Upper
84	100		
49	113.5	103.6	155.4
51	31.5	33.8	50.6#
86	64.9	49.4	74.0

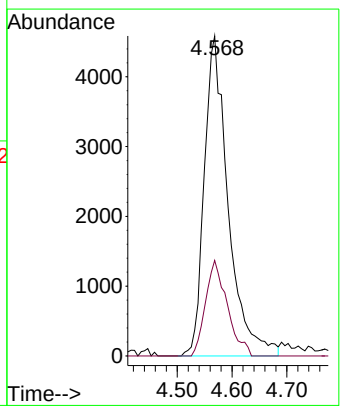


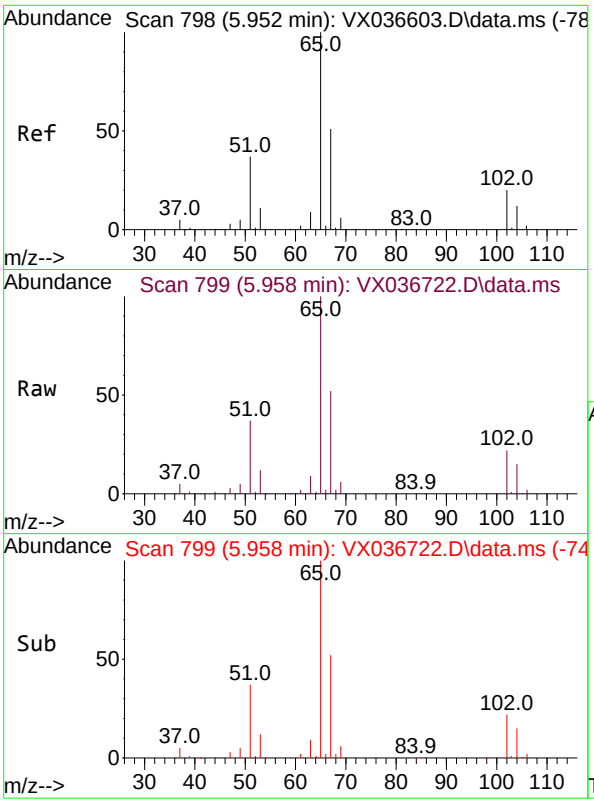


#25
2-Butanone
Concen: 9.536 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 43 Resp: 13894

Ion	Ratio	Lower	Upper
43	100		
72	29.9	19.4	29.2#



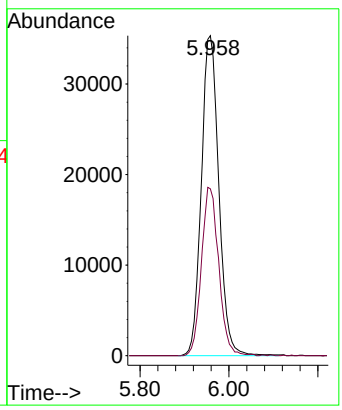


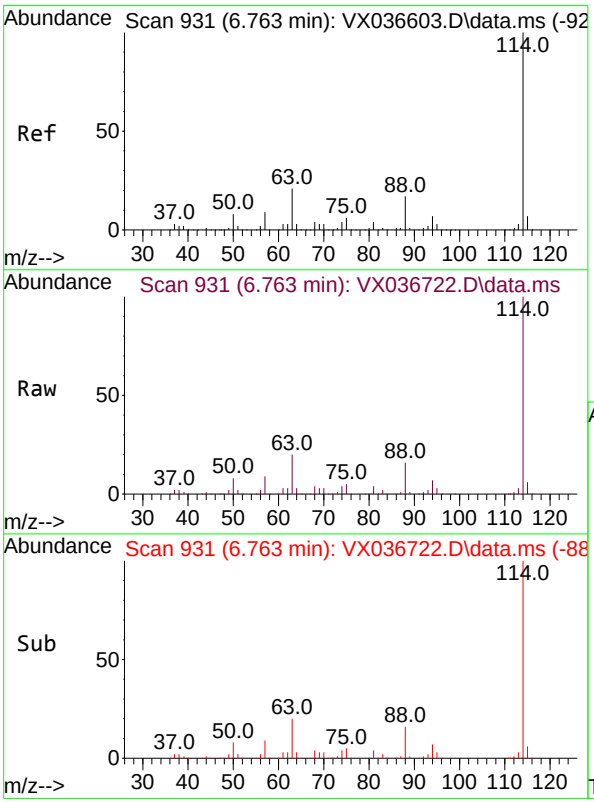
#33
1,2-Dichloroethane-d4
Concen: 44.752 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion: 65 Resp: 96849

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	100.2

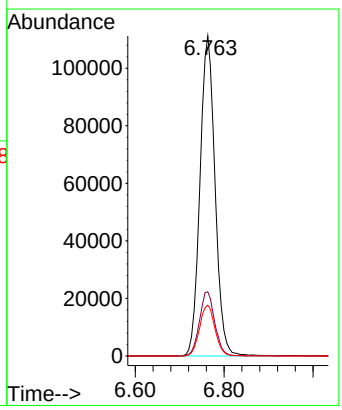


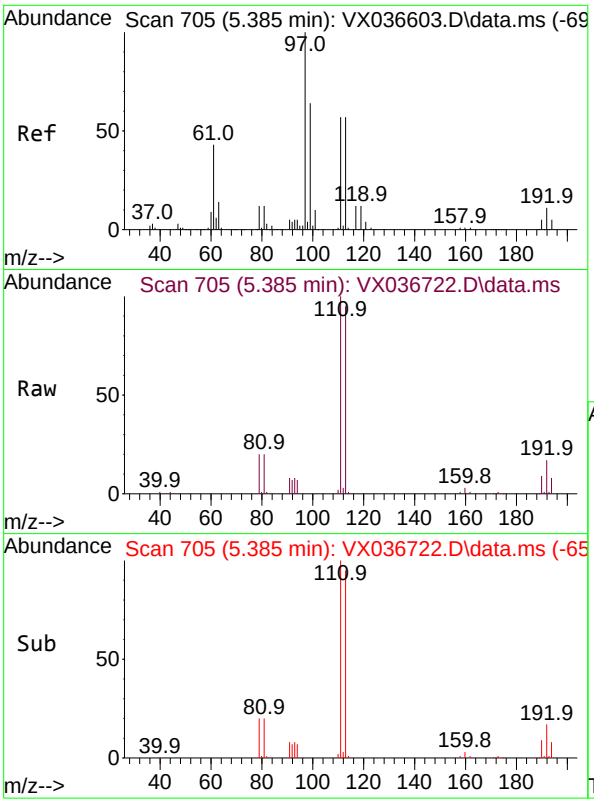


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion:114 Resp: 263294

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	45.0
88	15.8	0.0	36.6



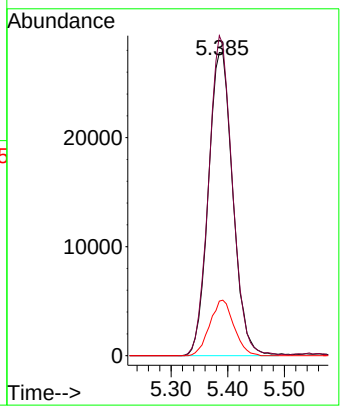


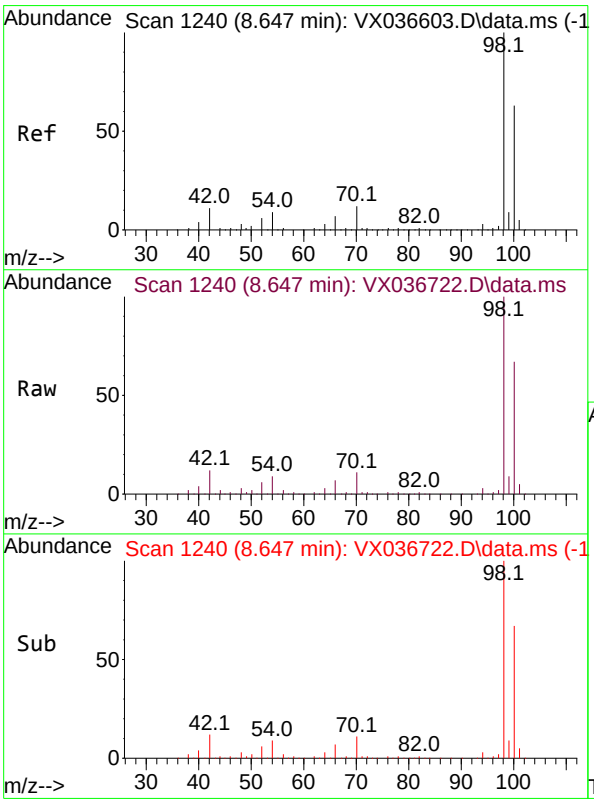
#35
Dibromofluoromethane
Concen: 46.002 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion:113 Resp: 83252

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	18.1	13.3	19.9

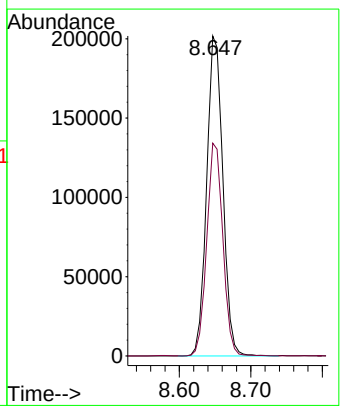


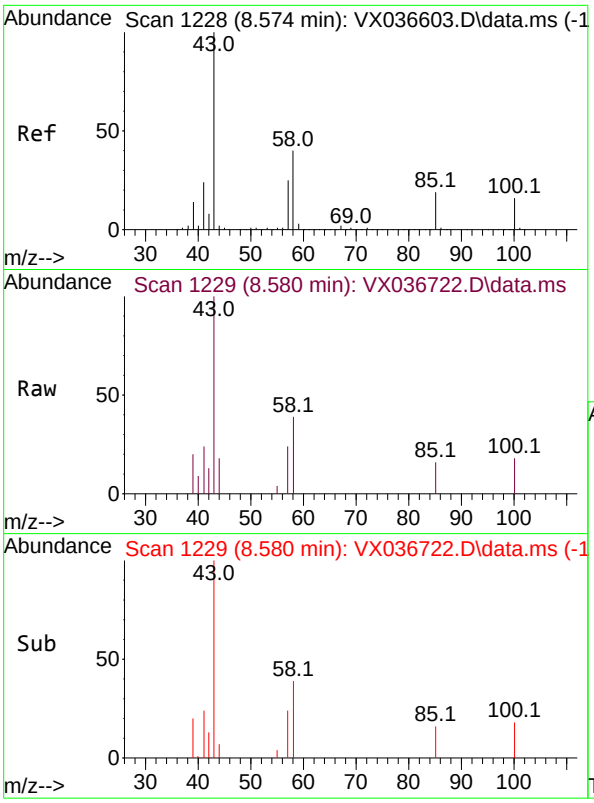


#50
Toluene-d8
Concen: 49.323 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 98 Resp: 316540

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7



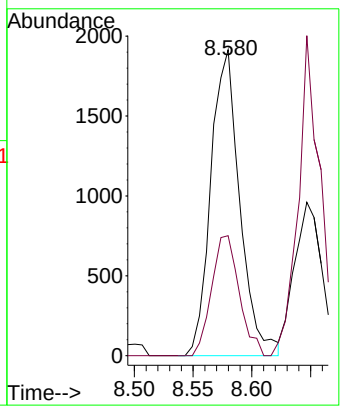


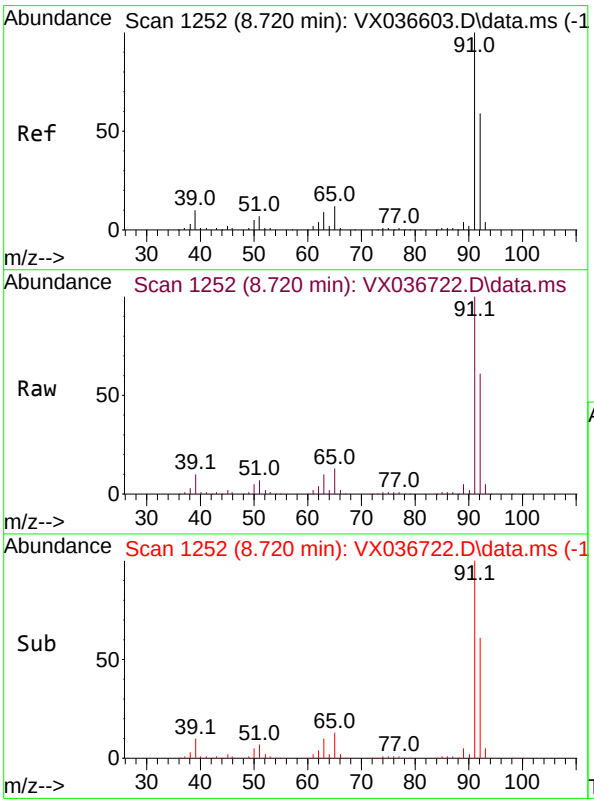
#51
4-Methyl-2-Pentanone
Concen: 1.130 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion: 43 Resp: 3287

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.4	45.6

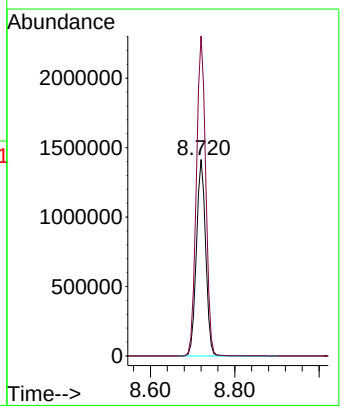


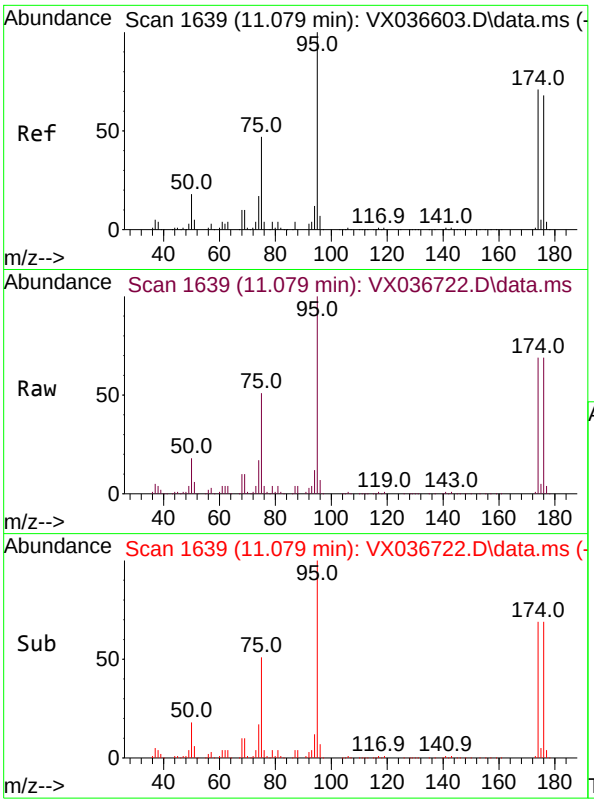


#52
Toluene
Concen: 438.428 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion: 92 Resp: 2155937

Ion	Ratio	Lower	Upper
92	100		
91	165.4	134.2	201.2



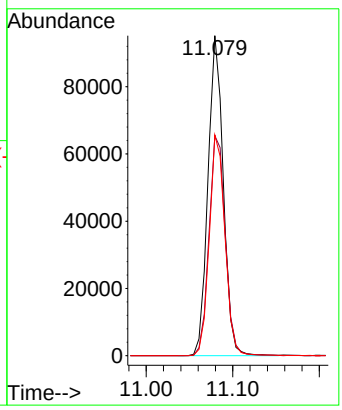


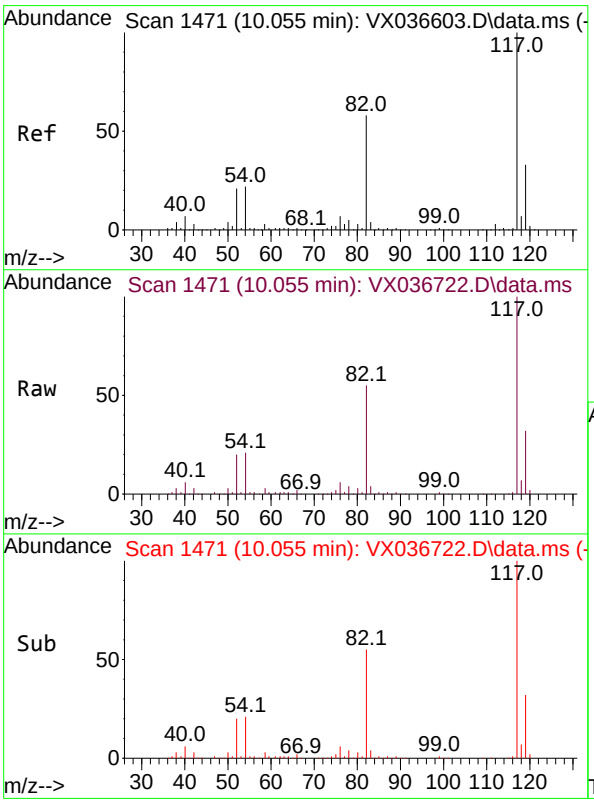
#62
4-Bromofluorobenzene
Concen: 48.293 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion: 95 Resp: 116931

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	135.6
176	70.5	0.0	131.0

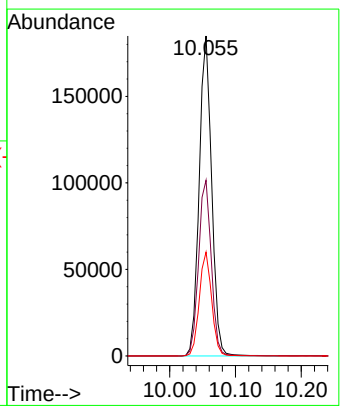


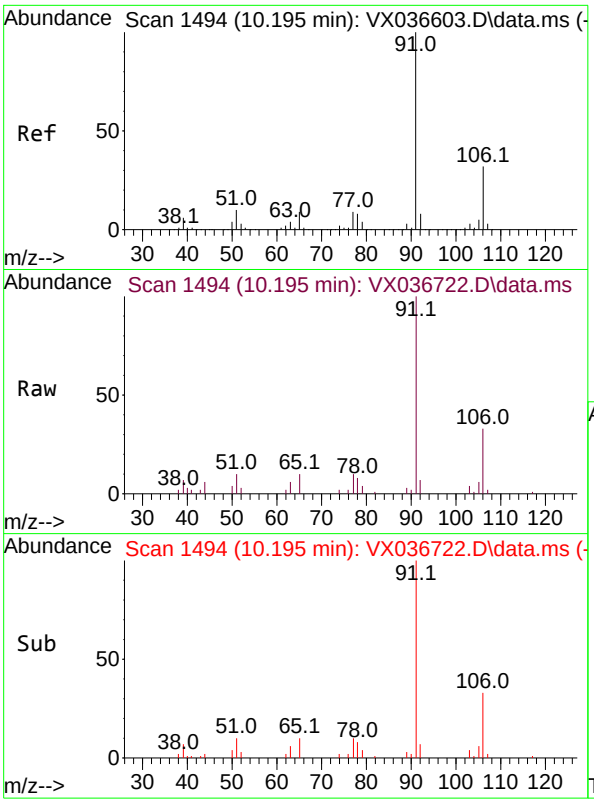


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion:117 Resp: 243477

Ion	Ratio	Lower	Upper
117	100		
82	54.9	46.2	69.4
119	32.5	25.5	38.3



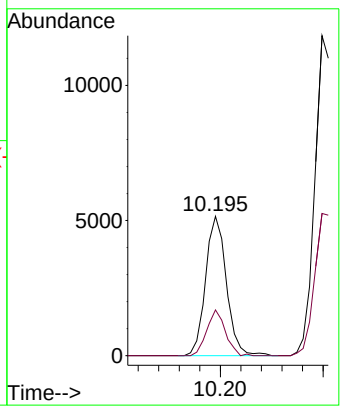


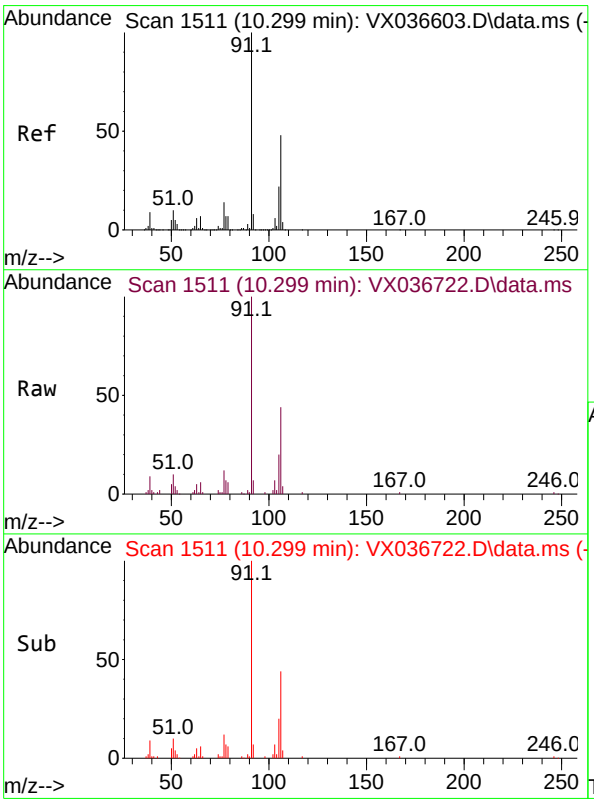
#67
Ethyl Benzene
Concen: 0.742 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion: 91 Resp: 7279

Ion	Ratio	Lower	Upper
91	100		
106	32.9	24.9	37.3

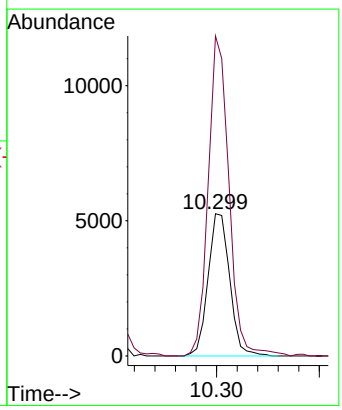


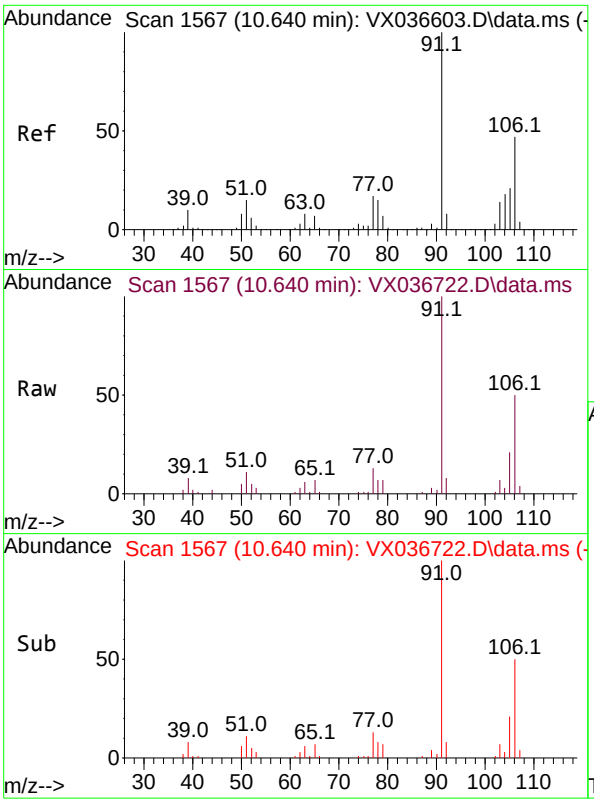


#68
m/p-Xylenes
Concen: 2.102 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion:106 Resp: 7688

Ion	Ratio	Lower	Upper
106	100		
91	215.9	165.5	248.3



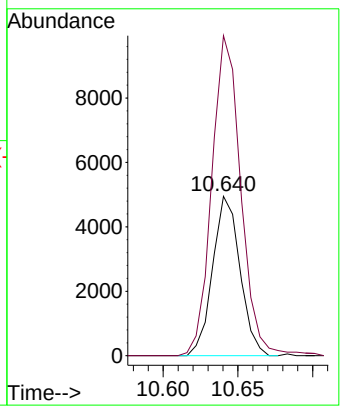


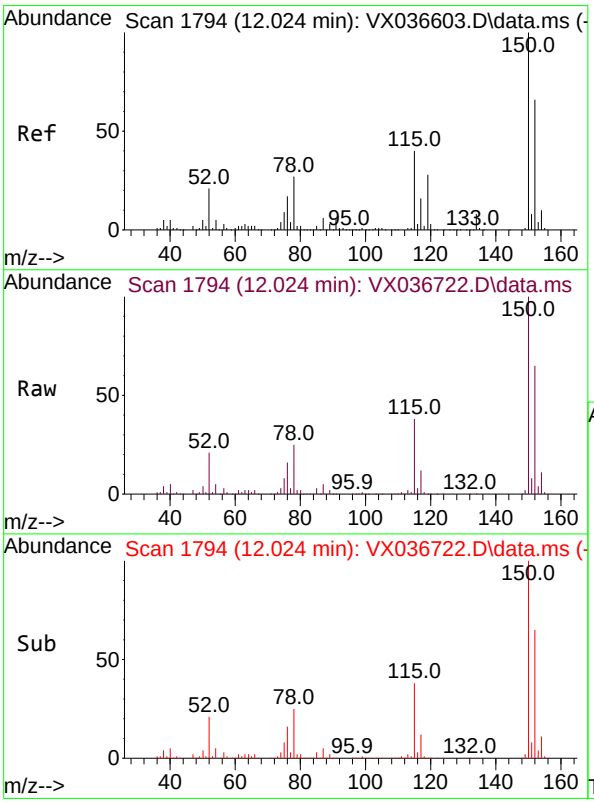
#69
o-Xylene
Concen: 1.721 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion:106 Resp: 6285

Ion	Ratio	Lower	Upper
106	100		
91	213.7	108.9	326.8

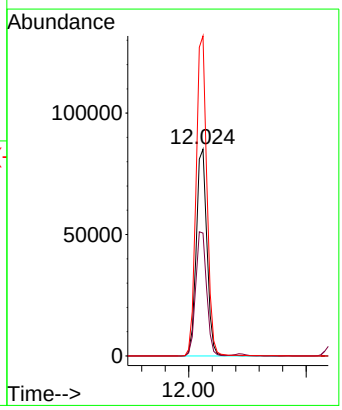


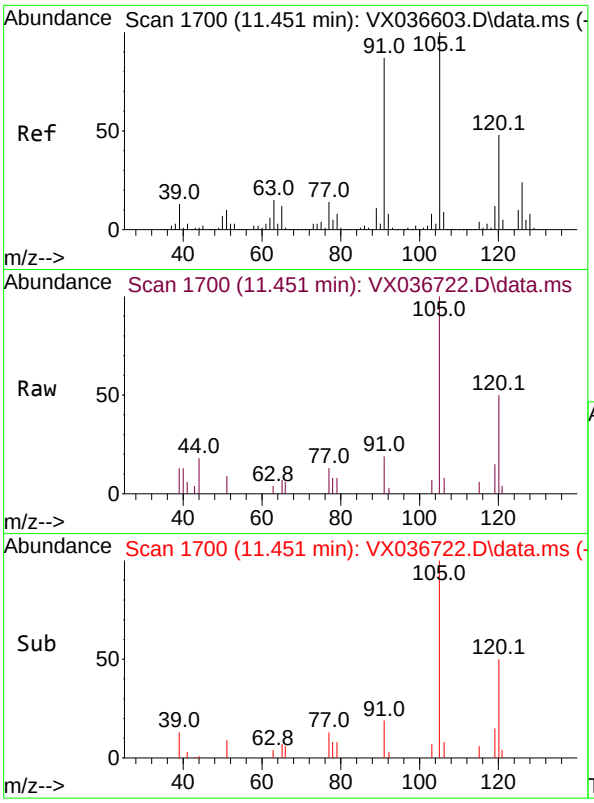


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion:152 Resp: 107357

Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.3	129.9
150	156.5	0.0	345.0



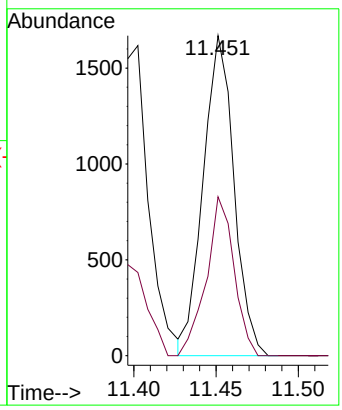


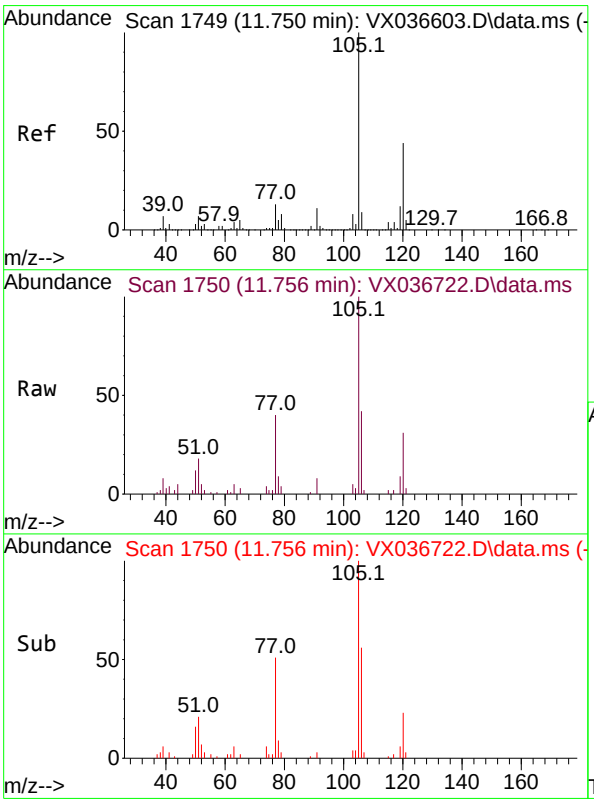
#80
1,3,5-Trimethylbenzene
Concen: 0.292 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion:105 Resp: 2170

Ion	Ratio	Lower	Upper
105	100		
120	44.7	24.1	72.3

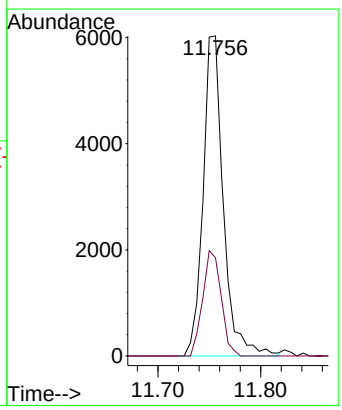


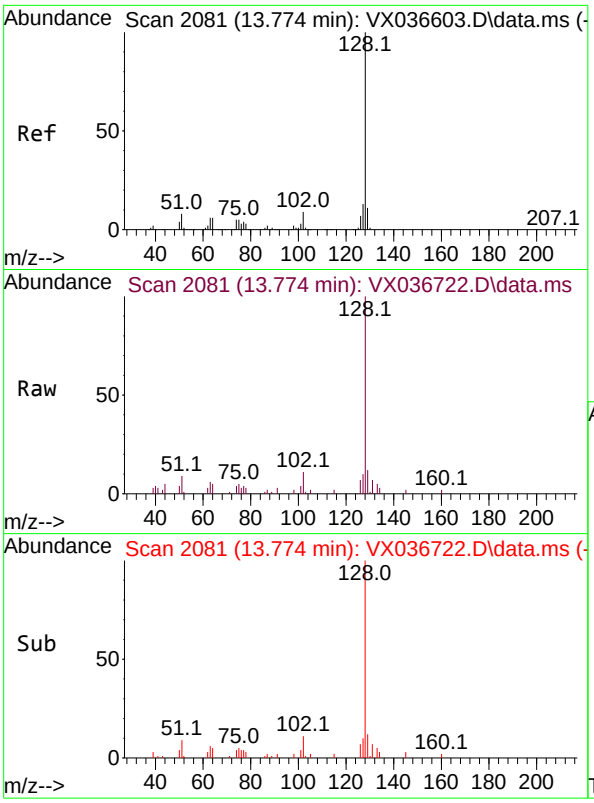


#84
1,2,4-Trimethylbenzene
Concen: 1.111 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Tgt Ion:105 Resp: 8258

Ion	Ratio	Lower	Upper
105	100		
120	30.0	21.2	63.6





#95
Naphthalene
Concen: 0.854 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX036722.D
Acq: 31 Jul 2023 15:59

Instrument :
MSVOA_X
ClientSampleId :
1715

Tgt Ion:128 Resp: 6627

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	20.3	8.8	13.2#