Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
Data File : VX026846.D
Acq On : 09 Feb 2022 01:15
Operator : JC/MD
Sample : N1425-04 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
20422

Quant Time: Feb 09 05:19:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	133816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	225419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85640	53.314	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.620%			
35) Dibromofluoromethane	5.391	113	70303	52.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.700%			
50) Toluene-d8	8.653	98	262669	53.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.560%			
62) 4-Bromofluorobenzene	11.079	95	94862	54.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.320%			
Target Compounds						Qvalue
16) Acetone	2.386	43	2069	2.933	ug/l	92
40) Benzene	6.043	78	29552	4.786	ug/l	99
52) Toluene	8.720	92	14718	3.765	ug/l	98
67) Ethyl Benzene	10.195	91	3017	0.411	ug/l	98
68) m/p-Xylenes	10.299	106	5603	1.982	ug/l	100
69) o-Xylene	10.640	106	4762	1.719	ug/l	98
70) Styrene	10.659	104	2675	0.595	ug/l #	82
80) 1,3,5-Trimethylbenzene	11.451	105	1683	0.300	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	6283	1.109	ug/l	100
95) Naphthalene	13.780	128	19075	3.008	ug/l	99

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

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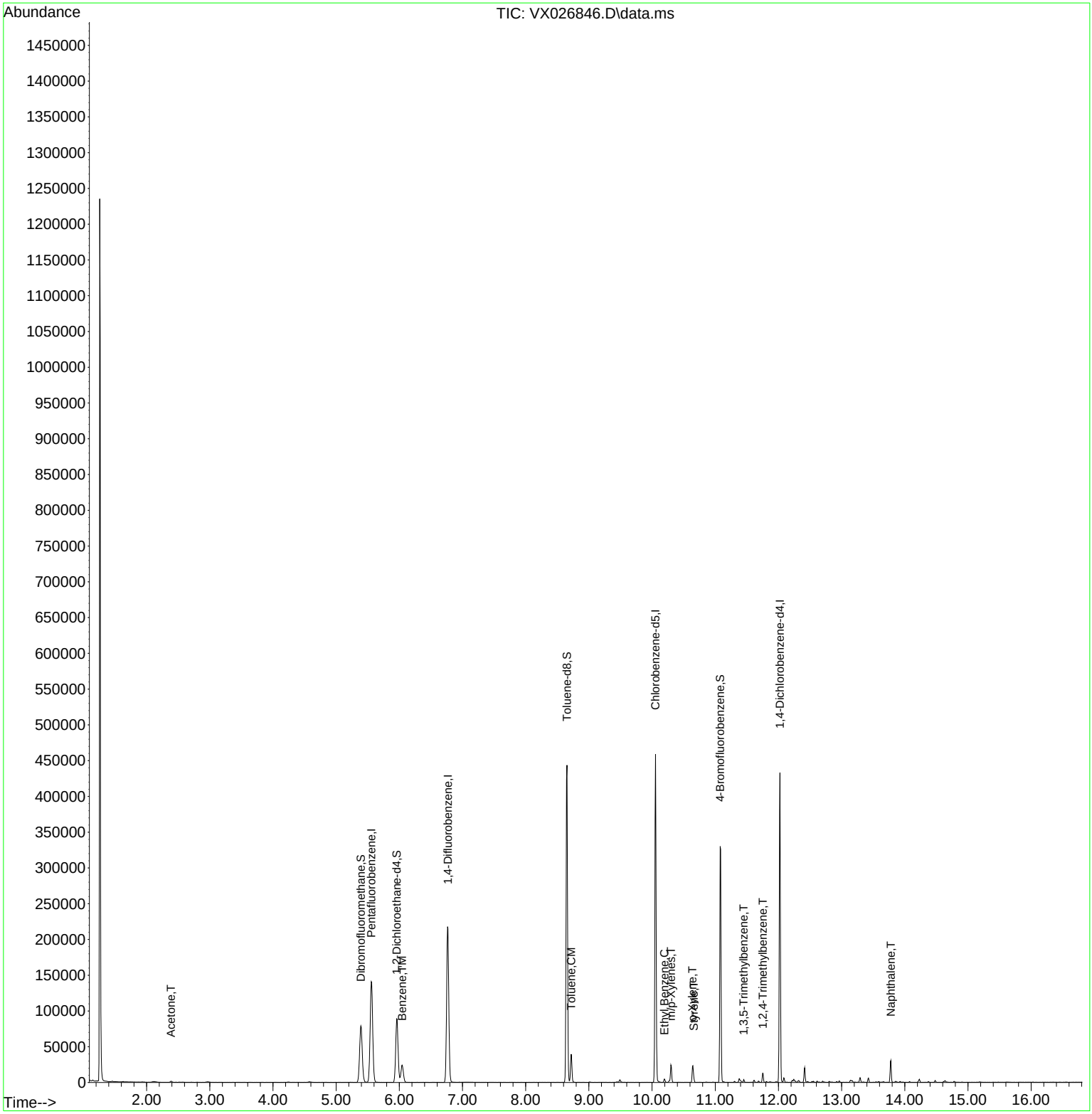
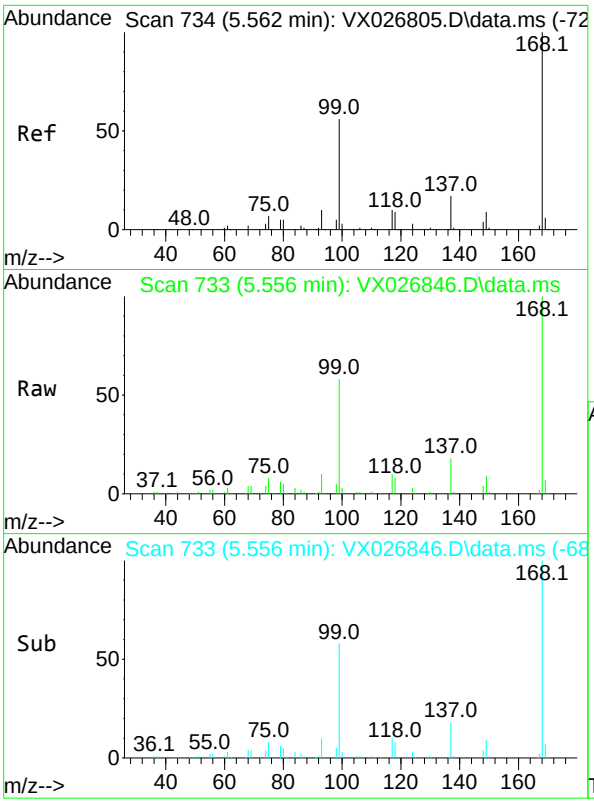


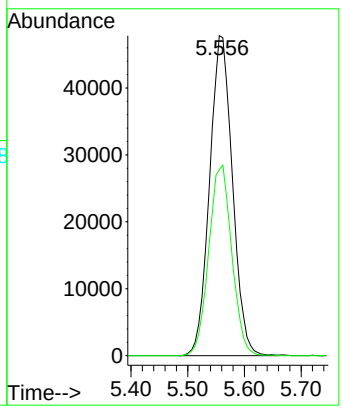


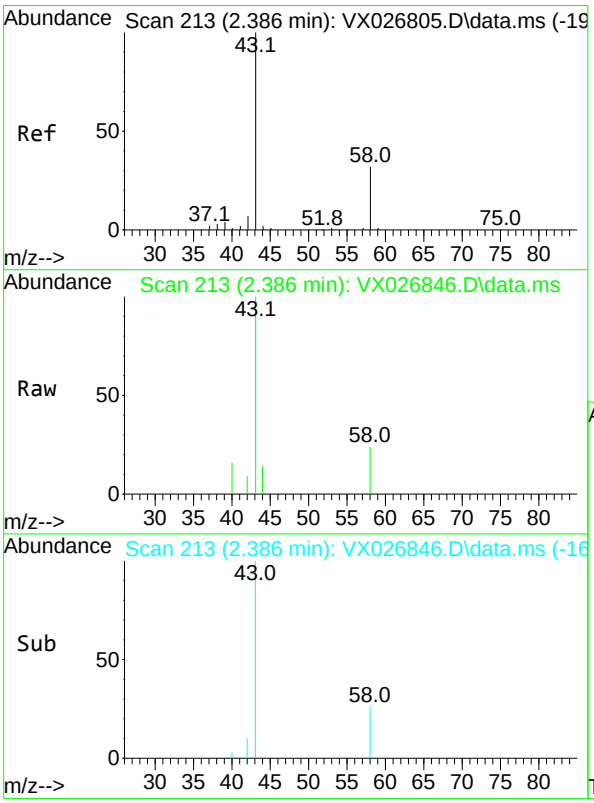
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion:168 Resp: 133816

Ion	Ratio	Lower	Upper
168	100		
99	58.2	50.3	75.5

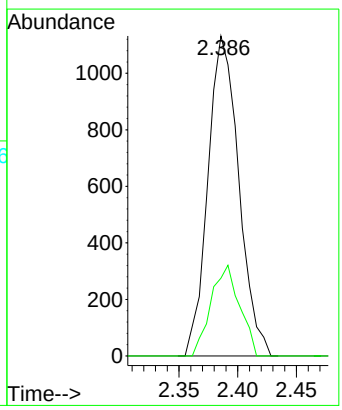


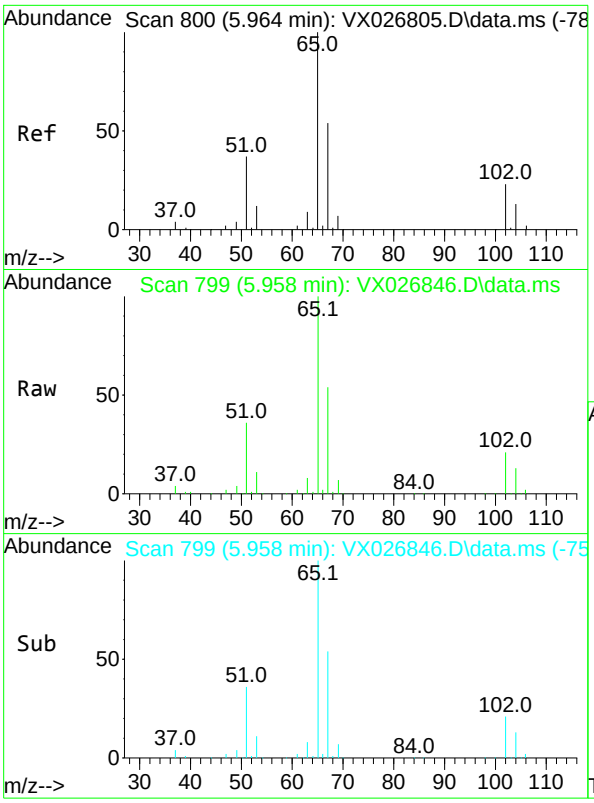


#16
Acetone
Concen: 2.933 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion: 43 Resp: 2069

Ion	Ratio	Lower	Upper
43	100		
58	24.3	23.0	34.6



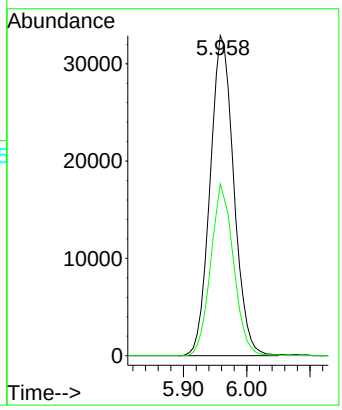


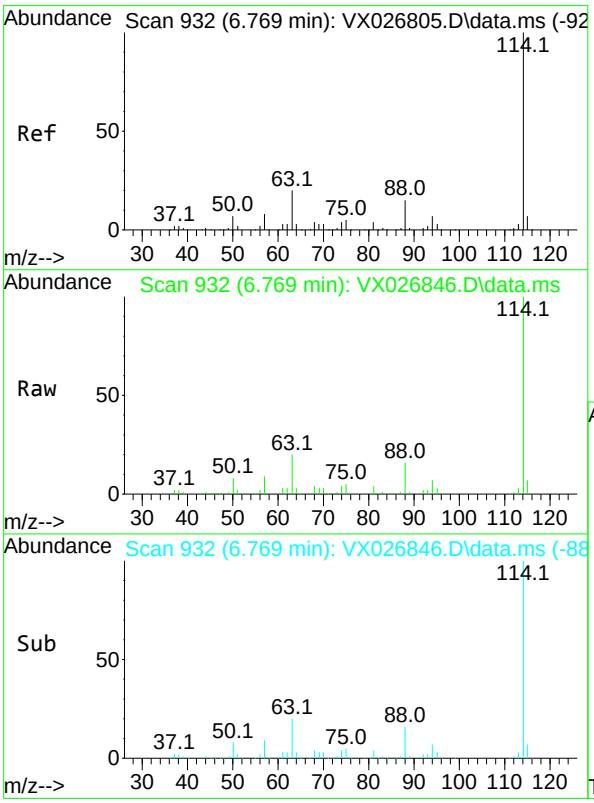
#33
1,2-Dichloroethane-d4
Concen: 53.314 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion: 65 Resp: 85640

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.8

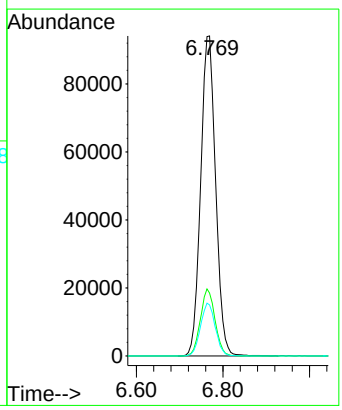


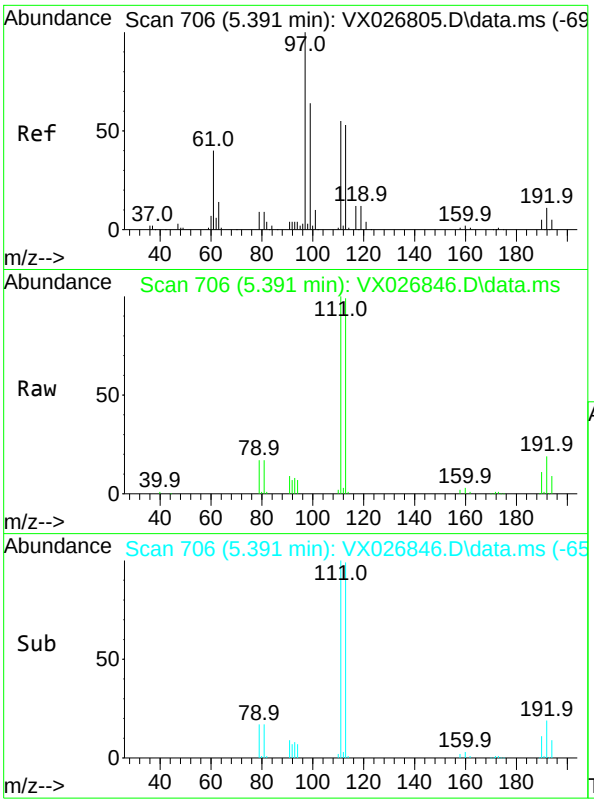


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion:114 Resp: 225419

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.8
88	16.0	0.0	33.0



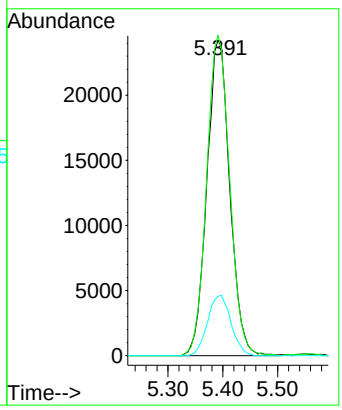


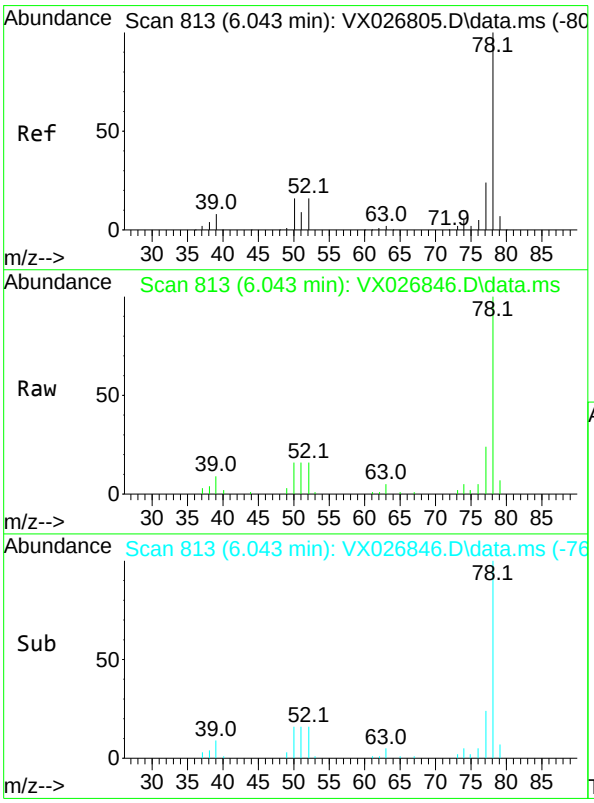
#35
Dibromofluoromethane
Concen: 52.348 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion:113 Resp: 70303

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	19.6	15.0	22.4

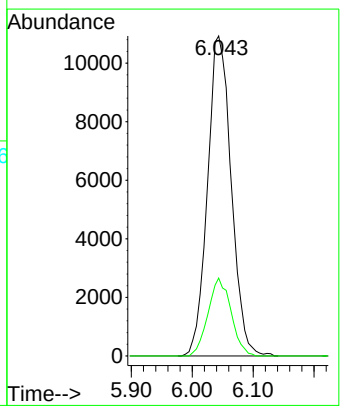


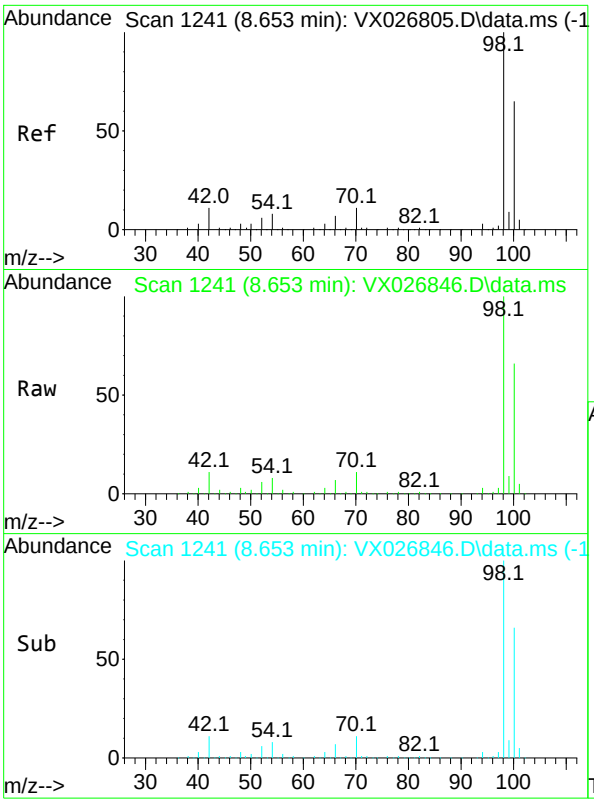


#40
Benzene
Concen: 4.786 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion: 78 Resp: 29552

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.9	28.3



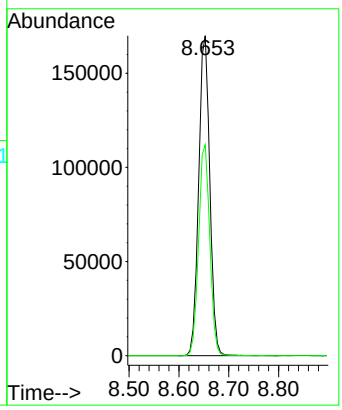


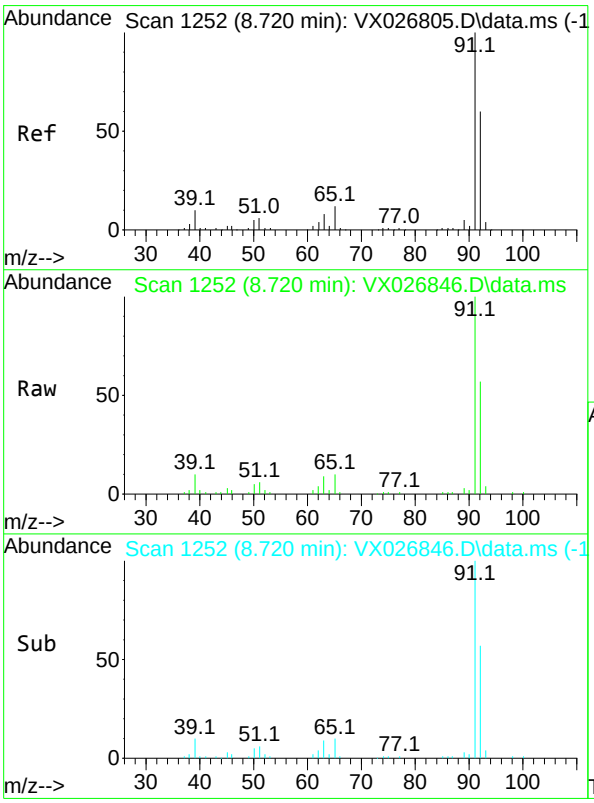
#50
Toluene-d8
Concen: 53.282 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion: 98 Resp: 262669

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.2	79.8

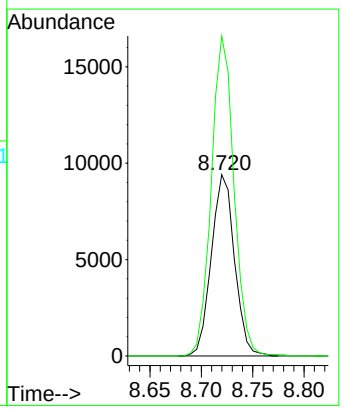


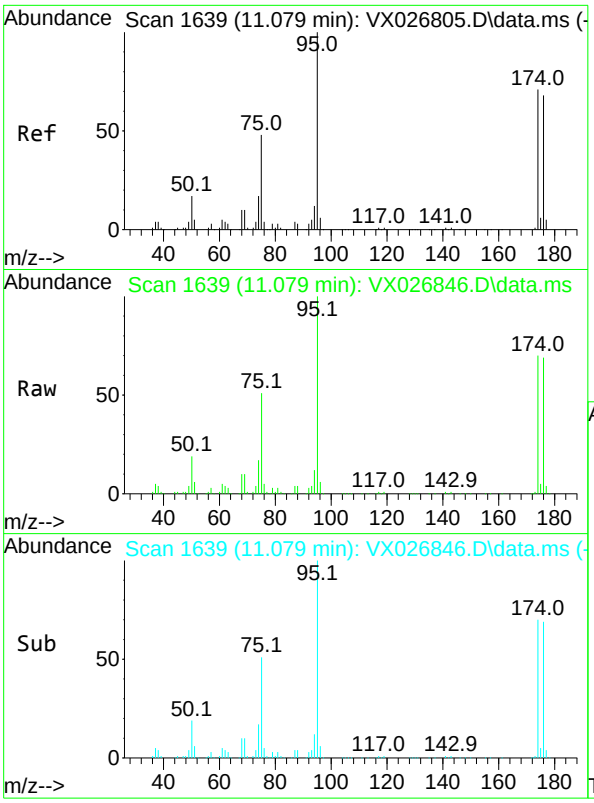


#52
Toluene
Concen: 3.765 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion: 92 Resp: 14718

Ion	Ratio	Lower	Upper
92	100		
91	173.0	135.7	203.5



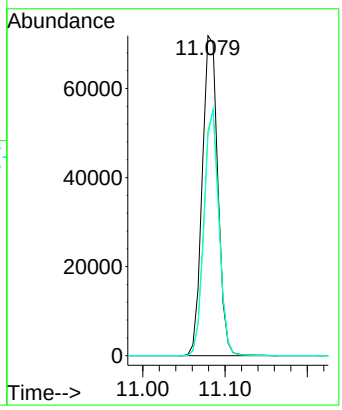


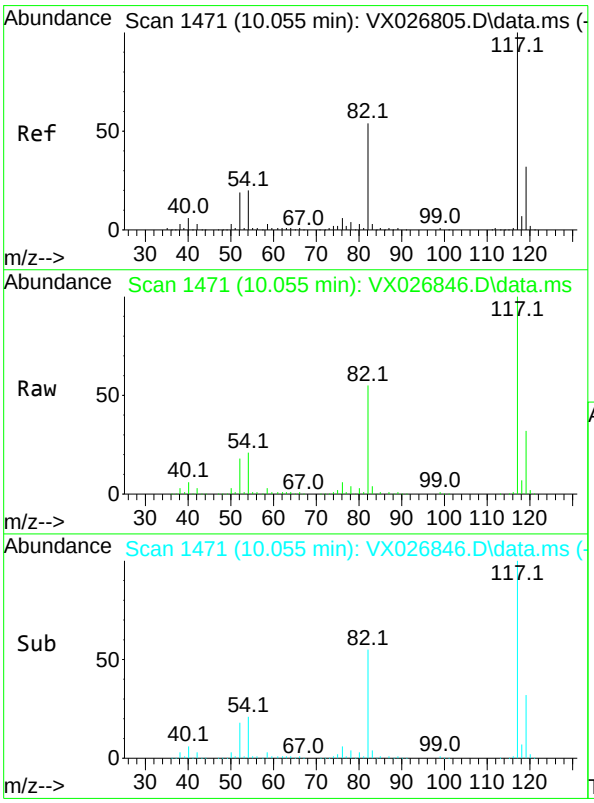
#62
4-Bromofluorobenzene
Concen: 54.656 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion: 95 Resp: 94862

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	148.6
176	73.1	0.0	141.4

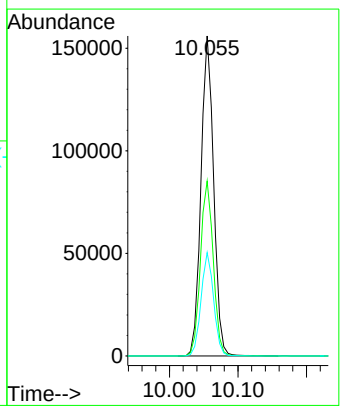


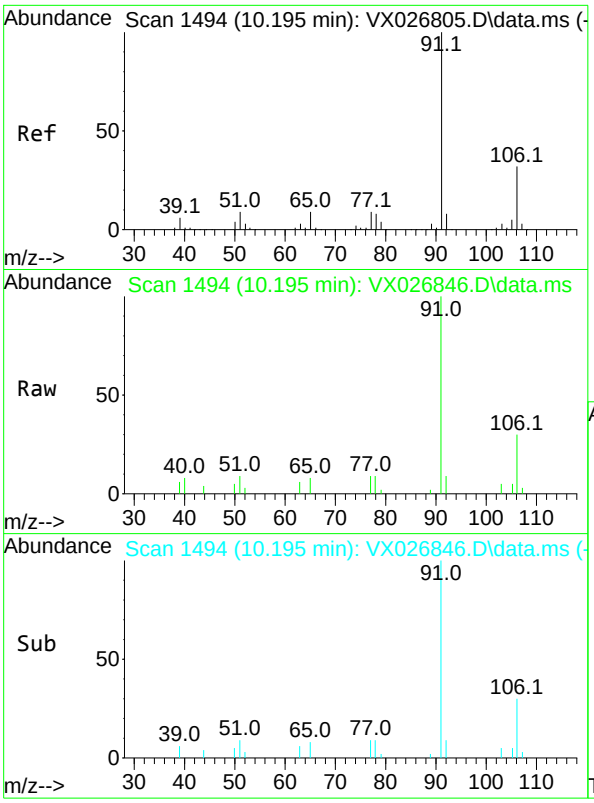


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion:117 Resp: 200732

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.2	67.8
119	32.3	26.2	39.2



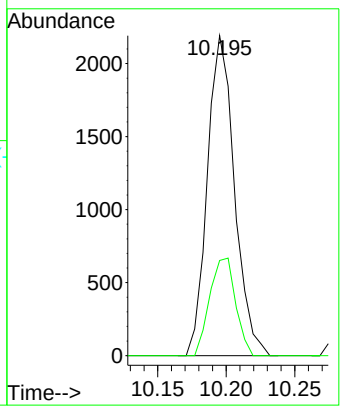


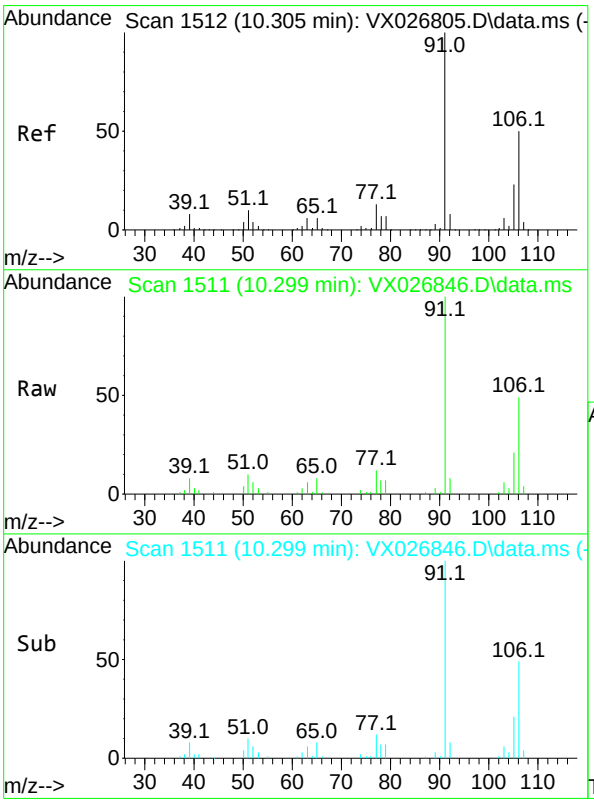
#67
Ethyl Benzene
Concen: 0.411 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion: 91 Resp: 3017

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.7	37.1

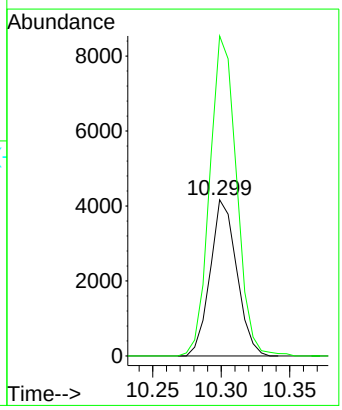


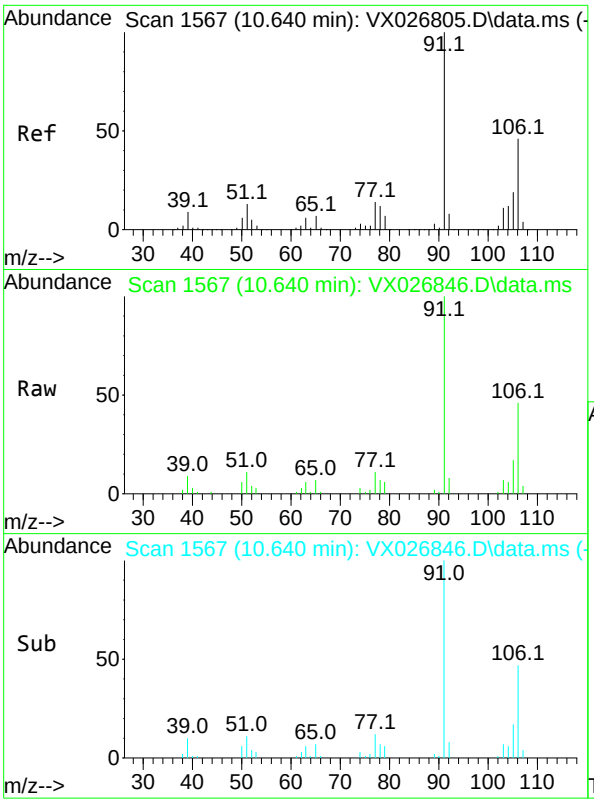


#68
m/p-Xylenes
Concen: 1.982 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion:106 Resp: 5603

Ion	Ratio	Lower	Upper
106	100		
91	207.1	165.3	247.9



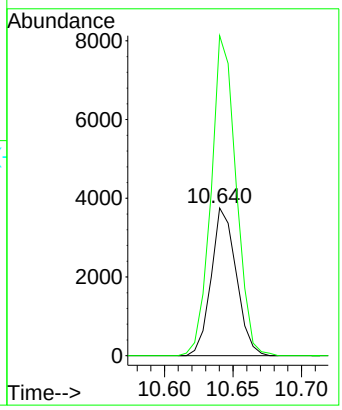


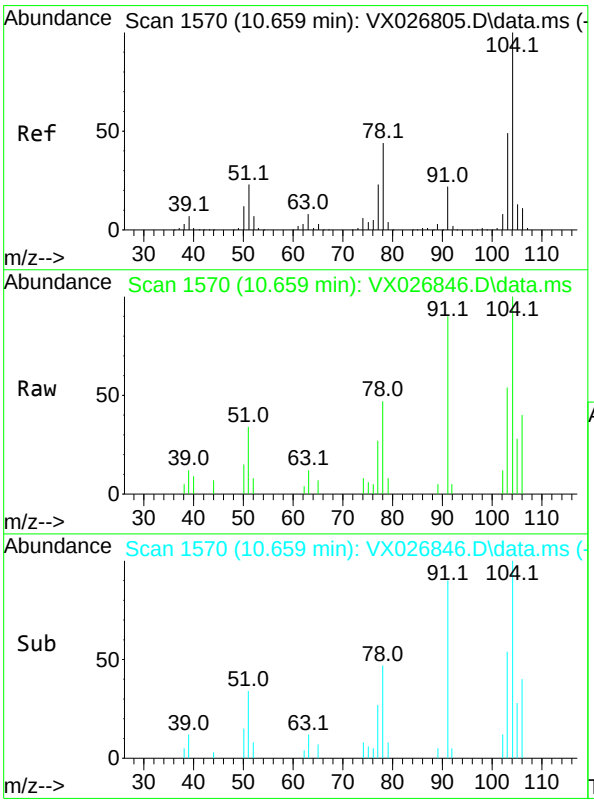
#69
o-Xylene
Concen: 1.719 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion:106 Resp: 4762

Ion	Ratio	Lower	Upper
106	100		
91	216.3	109.7	329.0

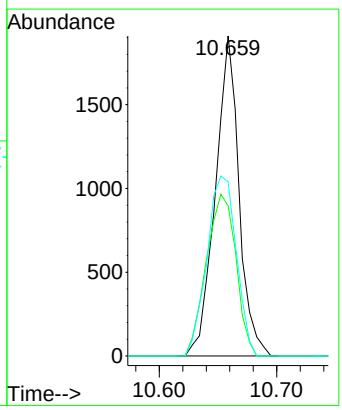


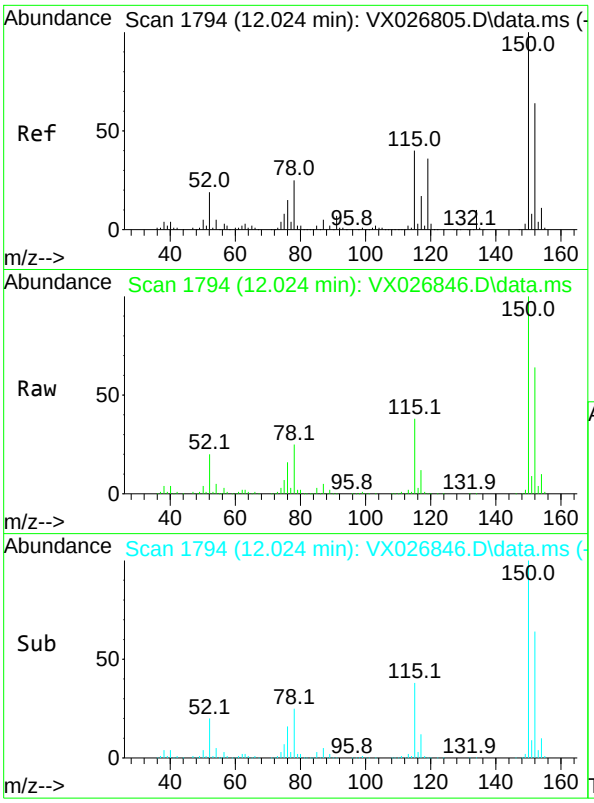


#70
Styrene
Concen: 0.595 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion:104 Resp: 2675

Ion	Ratio	Lower	Upper
104	100		
78	63.3	42.5	63.7
103	69.8	43.3	64.9#



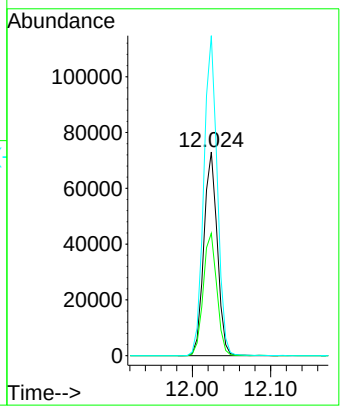


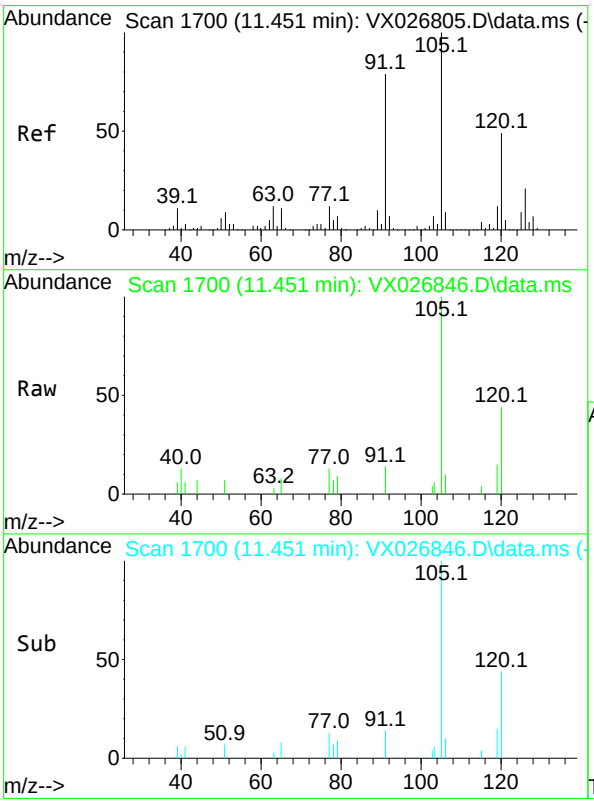
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion:152 Resp: 86667

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.2	132.6
150	157.5	0.0	348.2

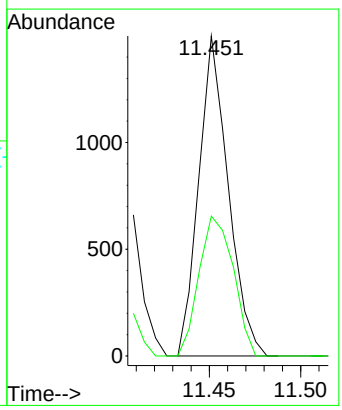


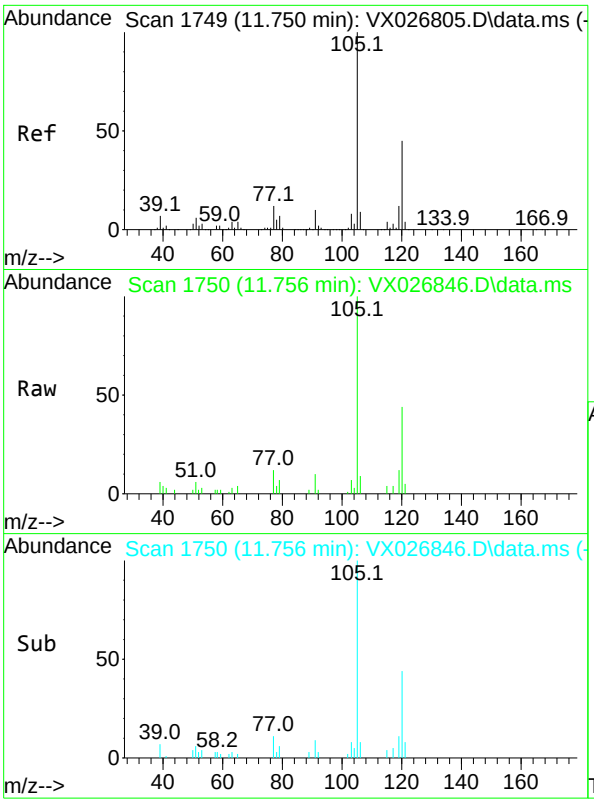


#80
1,3,5-Trimethylbenzene
Concen: 0.300 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion:105 Resp: 1683

Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.0	72.0



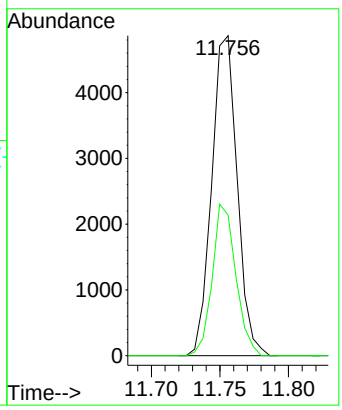


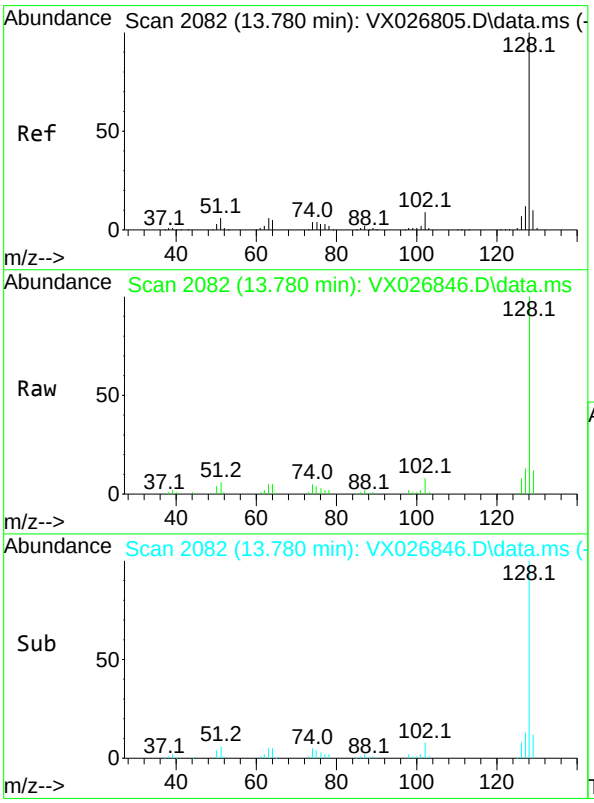
#84
1,2,4-Trimethylbenzene
Concen: 1.109 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :
20422

Tgt Ion:105 Resp: 6283

Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.5





#95
Naphthalene
Concen: 3.008 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX026846.D
Acq: 09 Feb 2022 01:15

Tgt Ion:128 Resp: 19075

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.0	8.7	13.1