Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
Data File : VX026845.D
Acq On : 09 Feb 2022 00:52
Operator : JC/MD
Sample : N1425-07 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31380

Quant Time: Feb 09 05:19:31 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	139152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88724	53.116	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.240%			
35) Dibromofluoromethane	5.391	113	73682	52.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	8.653	98	270143	52.839	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.680%			
62) 4-Bromofluorobenzene	11.079	95	95698	53.166	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.340%			
Target Compounds						Qvalue
52) Toluene	8.720	92	2769	0.683	ug/l	96
67) Ethyl Benzene	10.195	91	7666	1.019	ug/l	91
68) m/p-Xylenes	10.305	106	10501	3.627	ug/l	97
69) o-Xylene	10.646	106	6380	2.249	ug/l	99
73) Isopropylbenzene	10.963	105	1375	0.201	ug/l	98
78) n-propylbenzene	11.305	91	4359	0.574	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	5338	0.947	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	22589	3.972	ug/l	100
89) n-Butylbenzene	12.335	91	1610	0.341	ug/l #	41
95) Naphthalene	13.780	128	3569	0.561	ug/l	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
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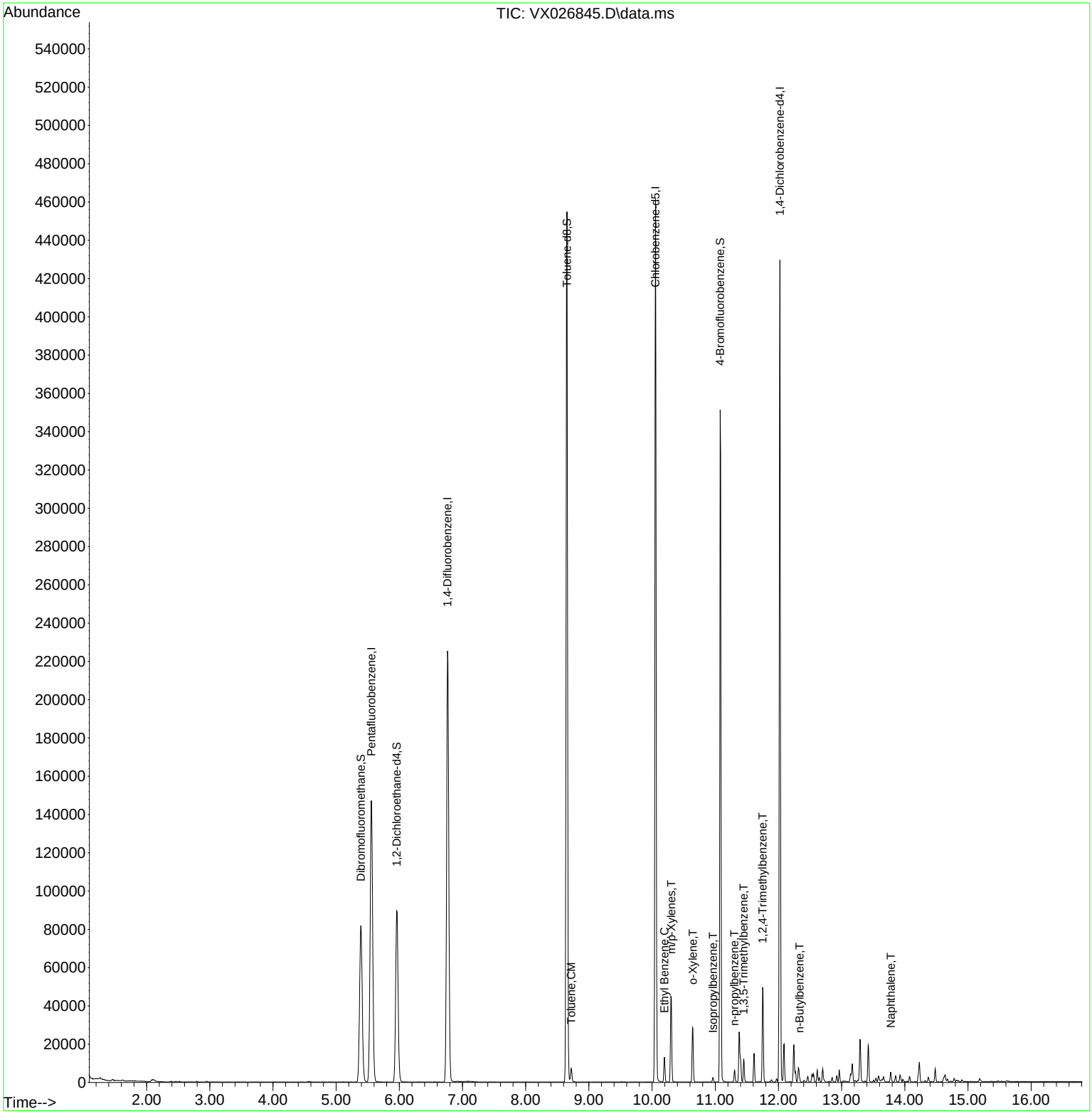
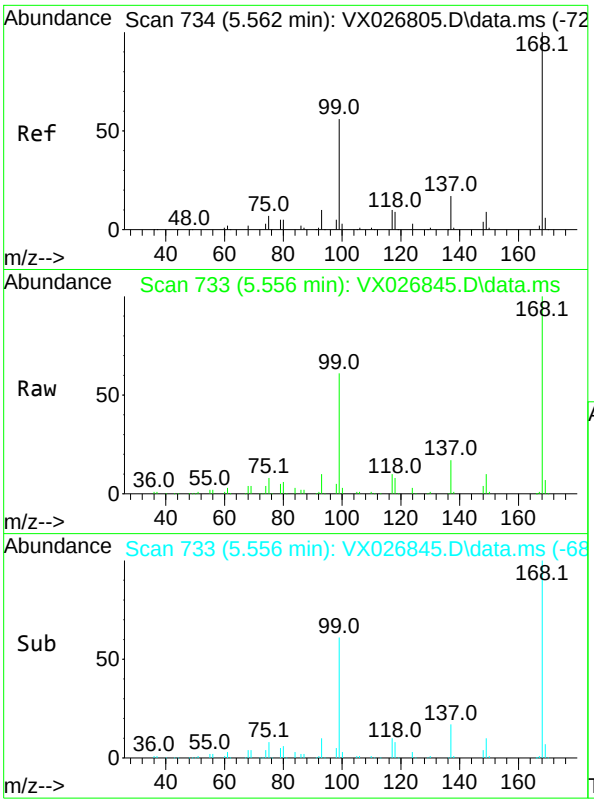
Quant Time: Feb 09 05:19:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



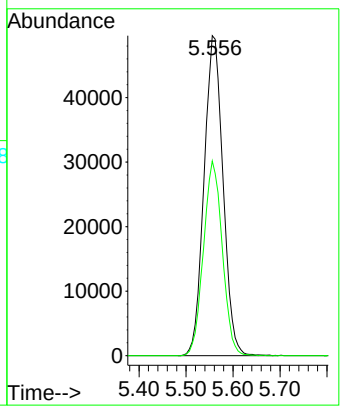


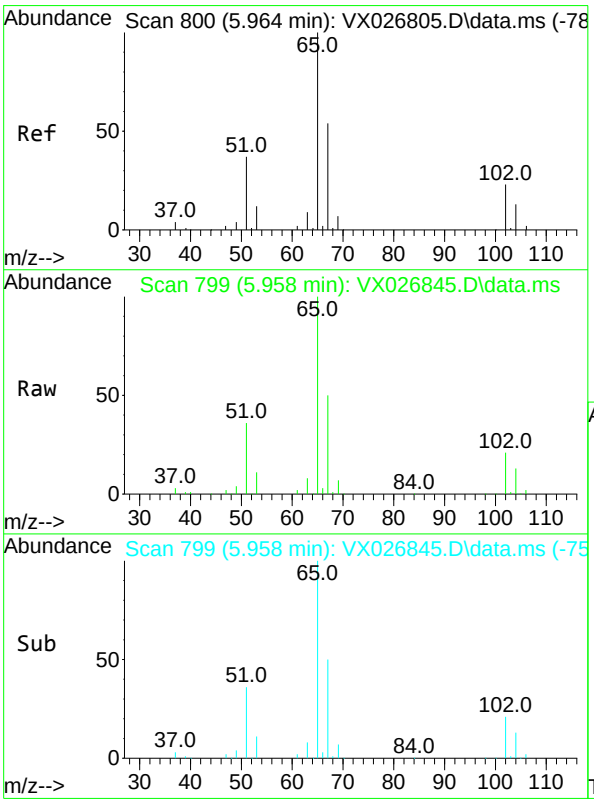
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion:168 Resp: 139152

Ion	Ratio	Lower	Upper
168	100		
99	60.9	50.3	75.5

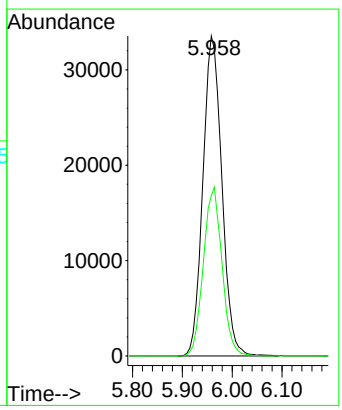


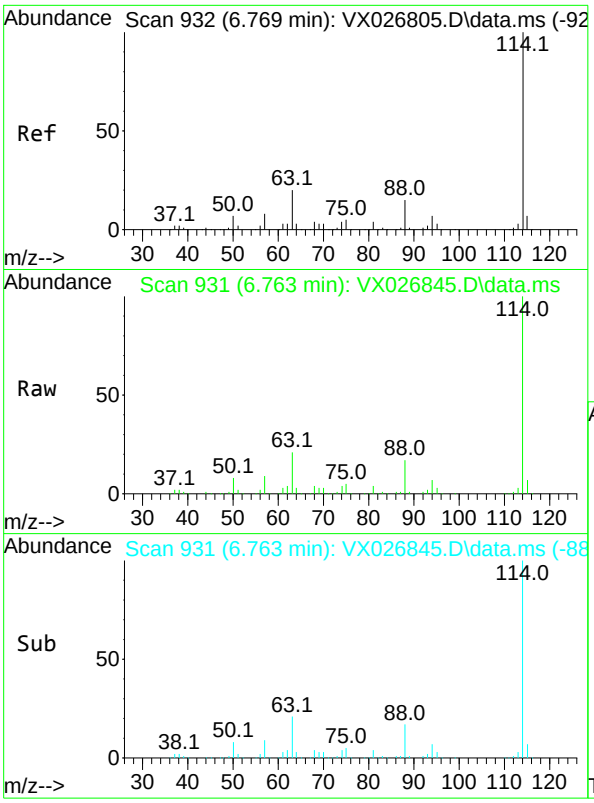


#33
1,2-Dichloroethane-d4
Concen: 53.116 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 65 Resp: 88724

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	100.8



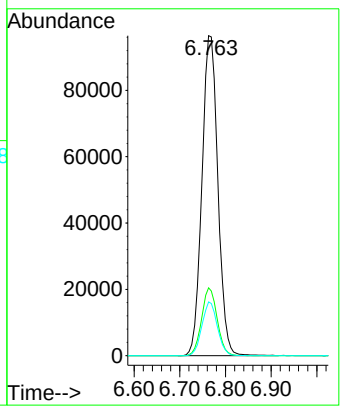


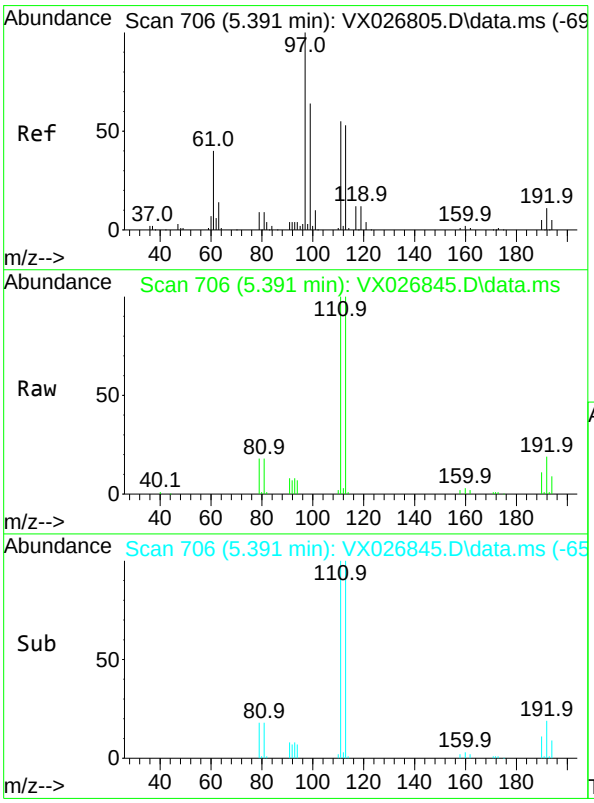
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion:114 Resp: 233778

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.8
88	16.8	0.0	33.0

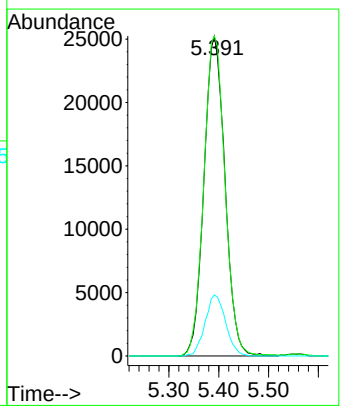


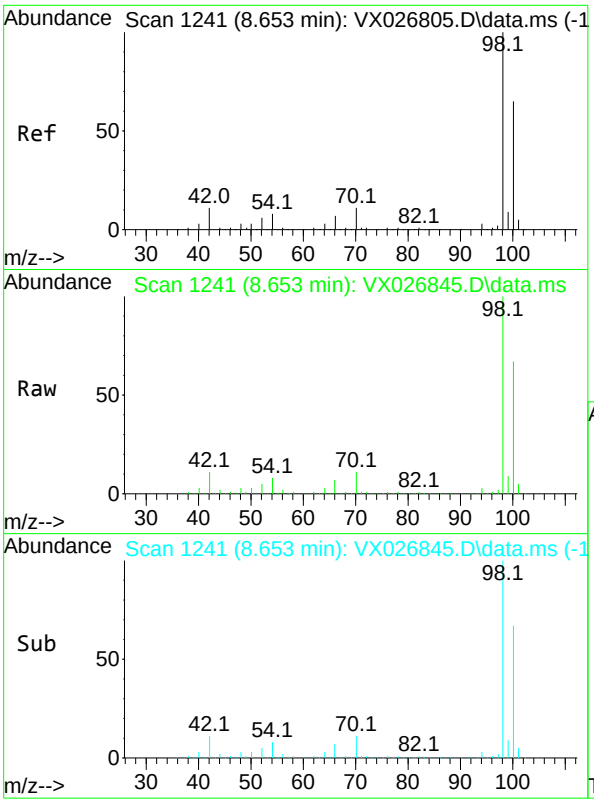


#35
Dibromofluoromethane
Concen: 52.902 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion:113 Resp: 73682

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.2	121.8
192	18.7	15.0	22.4



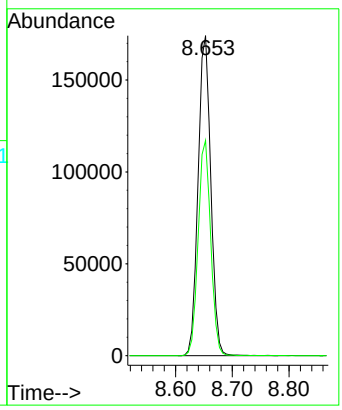


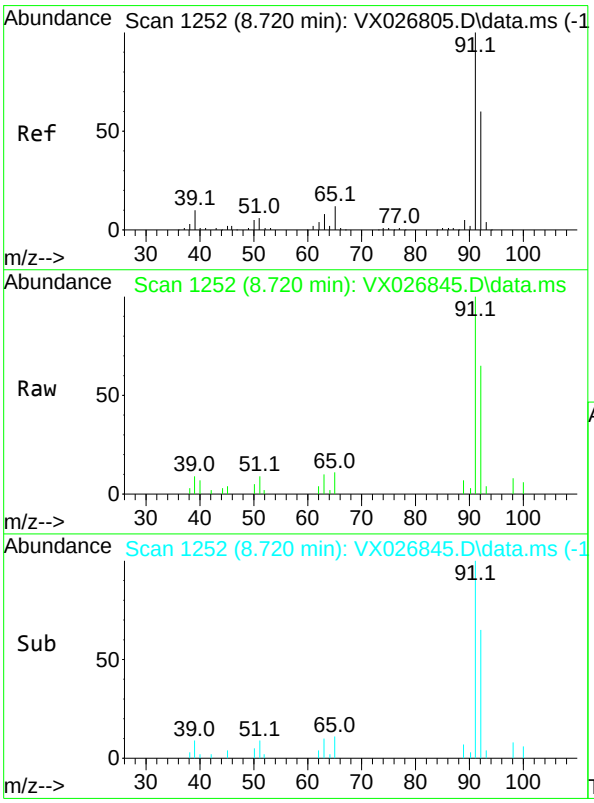
#50
Toluene-d8
Concen: 52.839 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion: 98 Resp: 270143

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.2	79.8

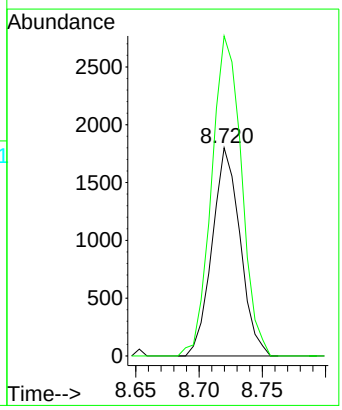


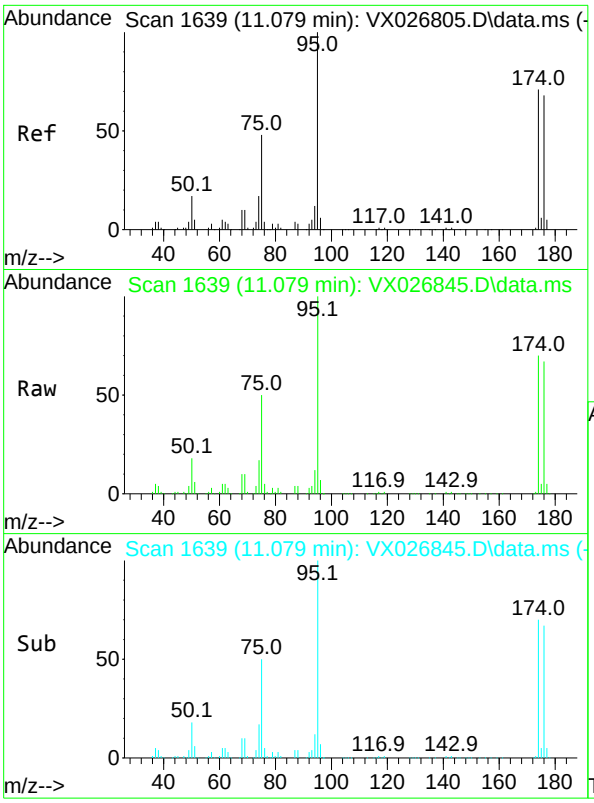


#52
Toluene
Concen: 0.683 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 92 Resp: 2769

Ion	Ratio	Lower	Upper
92	100		
91	164.3	135.7	203.5



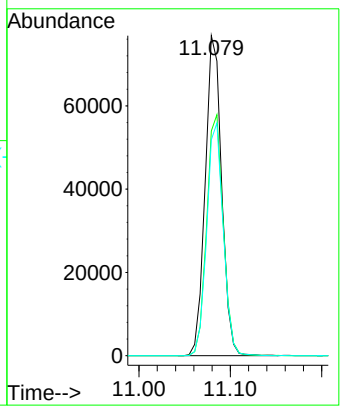


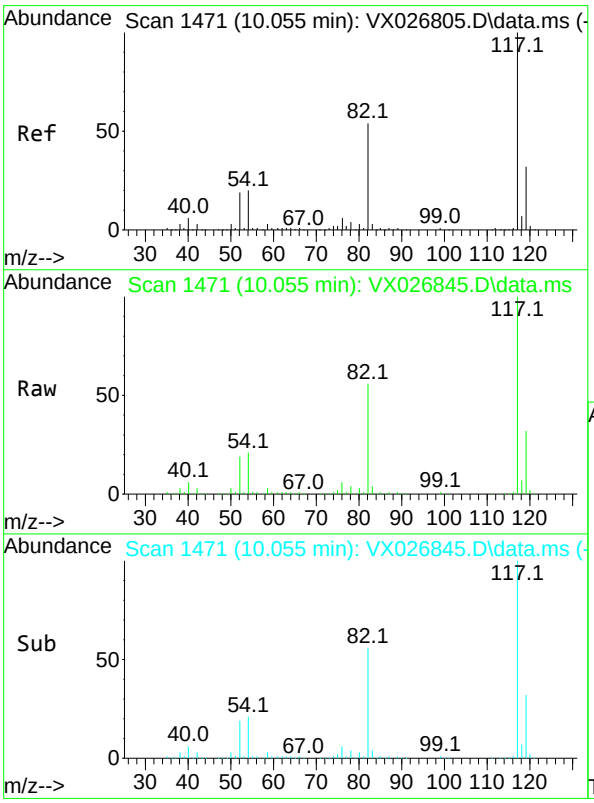
#62
4-Bromofluorobenzene
Concen: 53.166 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion: 95 Resp: 95698

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	148.6
176	73.0	0.0	141.4

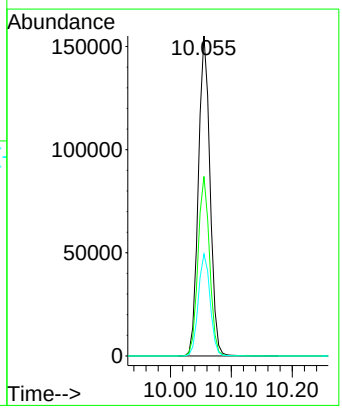


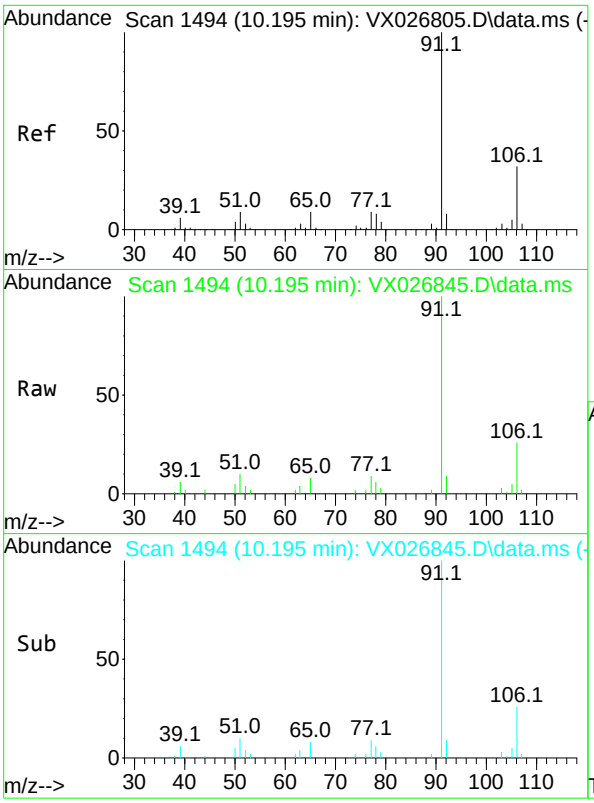


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion:117 Resp: 205578

Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.2	67.8
119	31.9	26.2	39.2



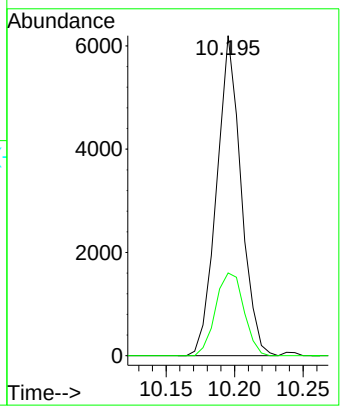


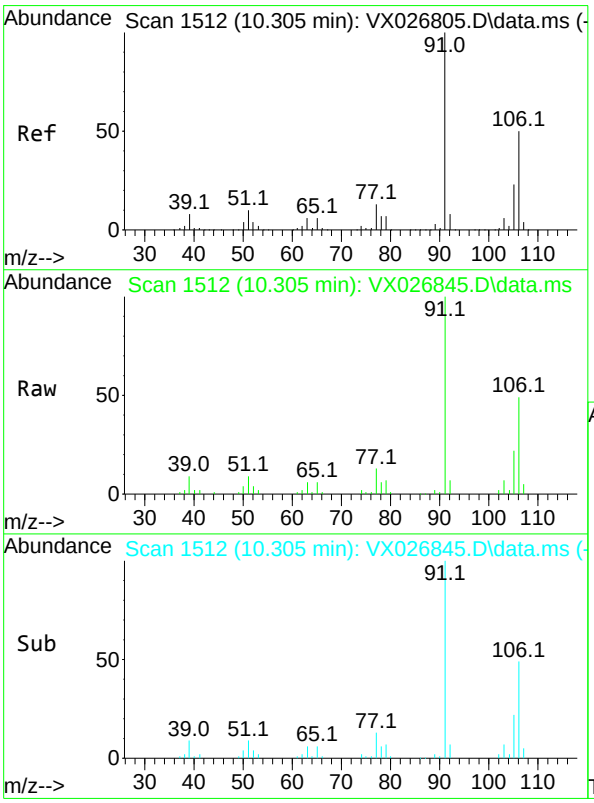
#67
Ethyl Benzene
Concen: 1.019 ug/l
RT: 10.195 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion: 91 Resp: 7666

Ion	Ratio	Lower	Upper
91	100		
106	25.8	24.7	37.1

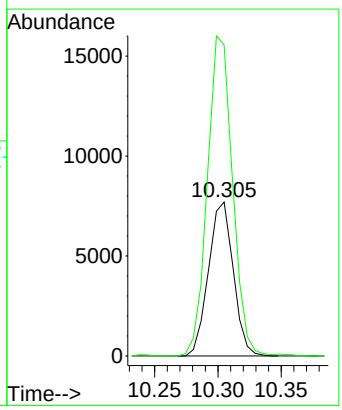


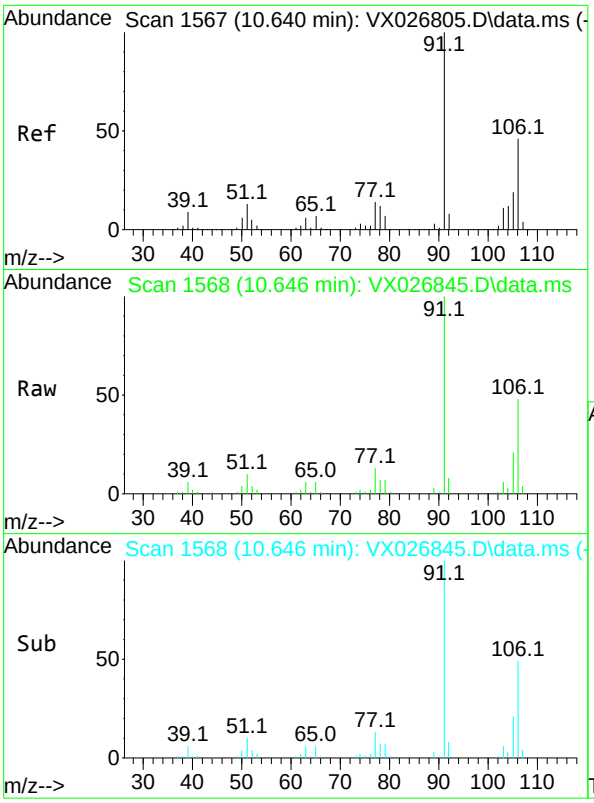


#68
m/p-Xylenes
Concen: 3.627 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion:106 Resp: 10501

Ion	Ratio	Lower	Upper
106	100		
91	211.6	165.3	247.9



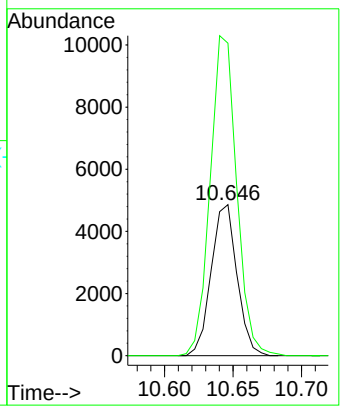


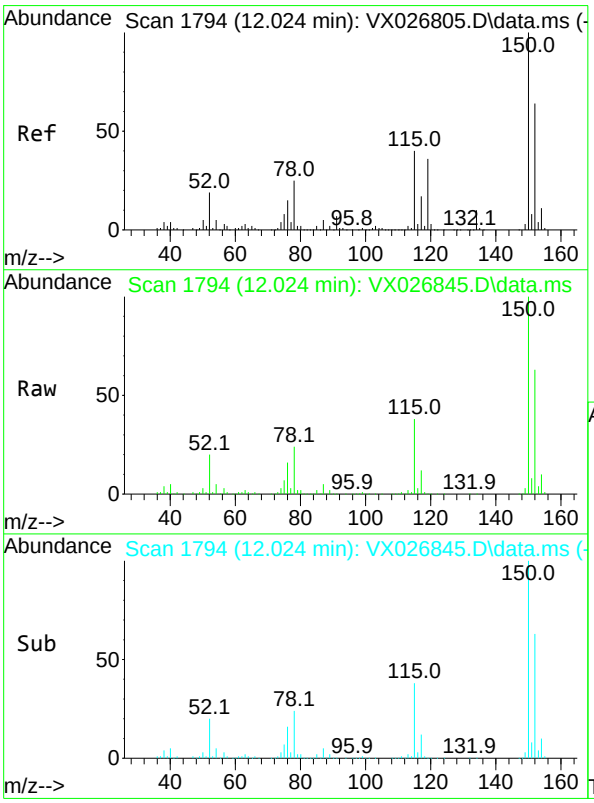
#69
o-Xylene
Concen: 2.249 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion:106 Resp: 6380

Ion	Ratio	Lower	Upper
106	100		
91	217.3	109.7	329.0

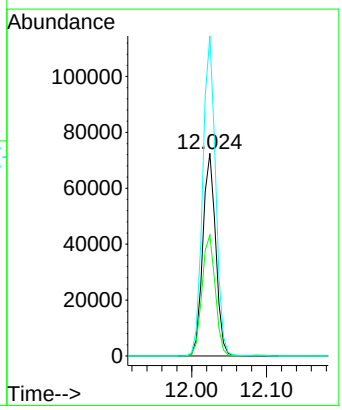


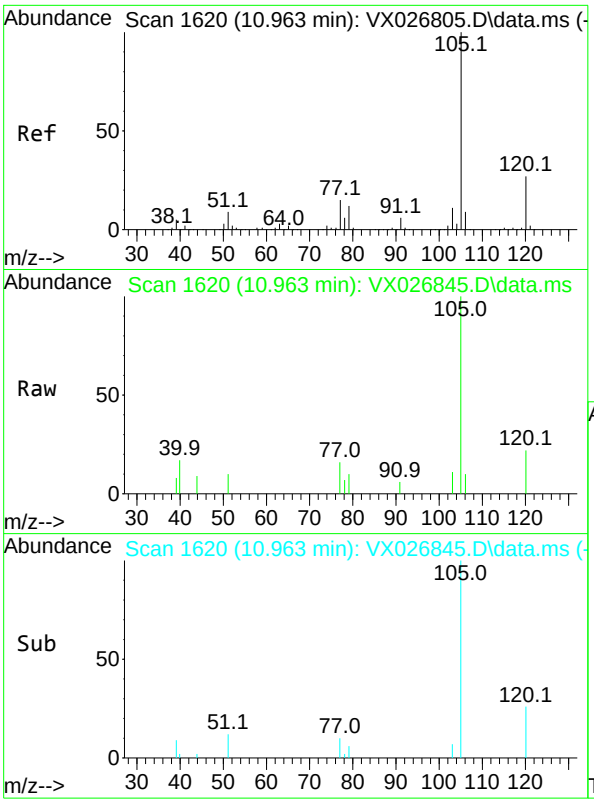


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion:152 Resp: 86979

Ion	Ratio	Lower	Upper
152	100		
115	61.2	44.2	132.6
150	157.2	0.0	348.2



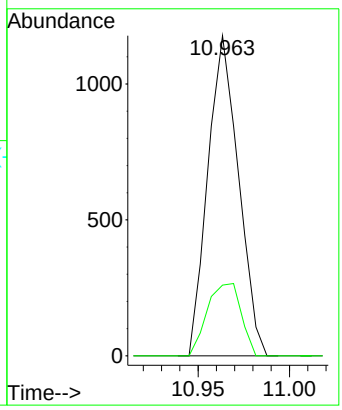


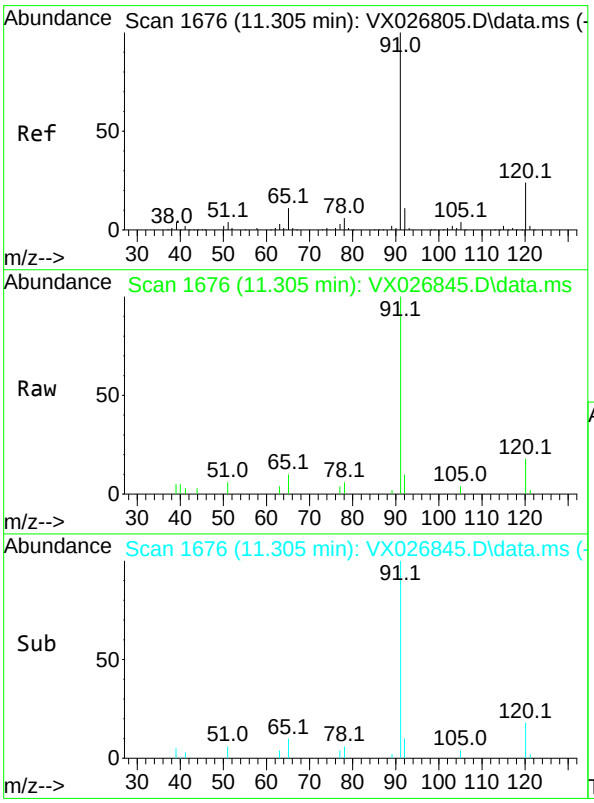
#73
Isopropylbenzene
Concen: 0.201 ug/l
RT: 10.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion:105 Resp: 1375

Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.1	39.1

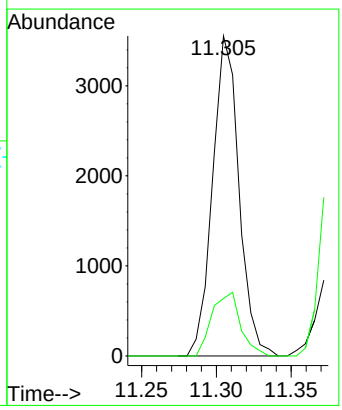


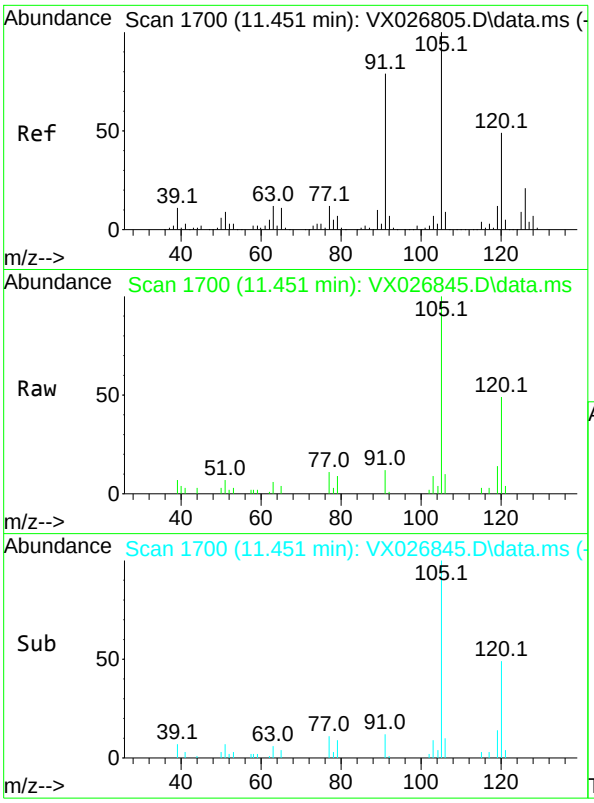


#78
n-propylbenzene
Concen: 0.574 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion: 91 Resp: 4359

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.6	34.7



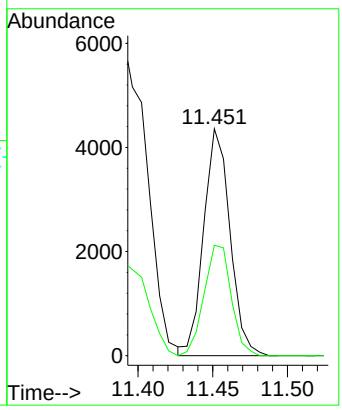


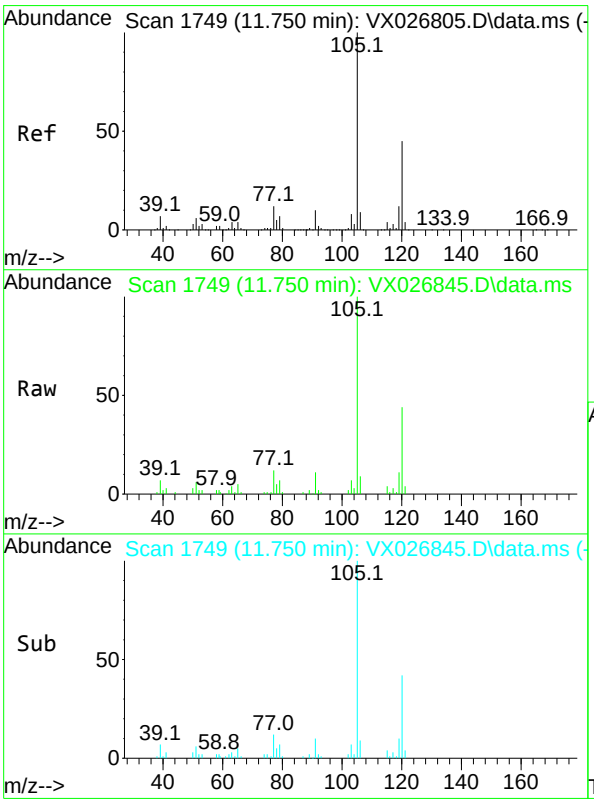
#80
1,3,5-Trimethylbenzene
Concen: 0.947 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion:105 Resp: 5338

Ion	Ratio	Lower	Upper
105	100		
120	50.3	24.0	72.0

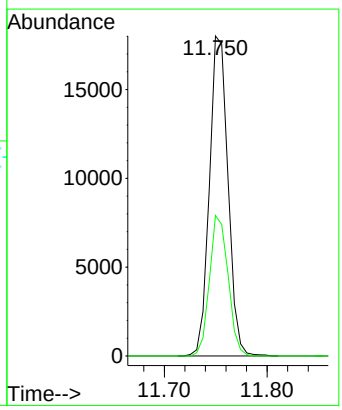


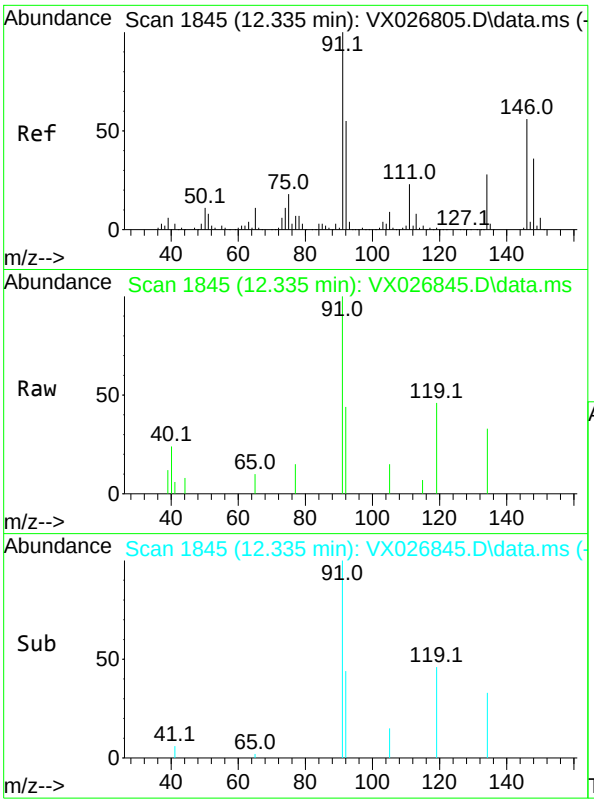


#84
1,2,4-Trimethylbenzene
Concen: 3.972 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion:105 Resp: 22589

Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.5



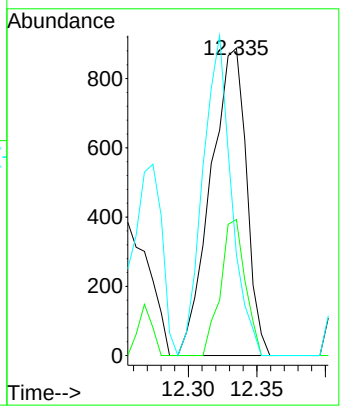


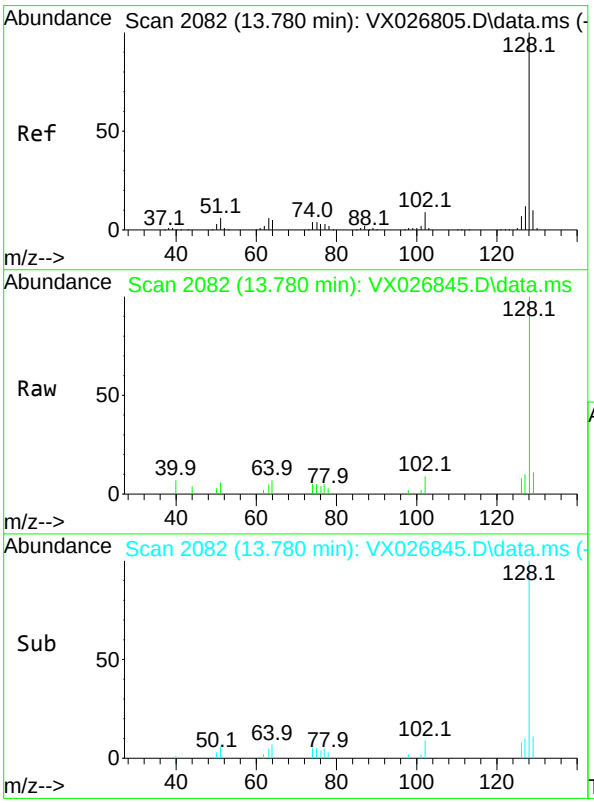
#89
n-Butylbenzene
Concen: 0.341 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :
31380

Tgt Ion: 91 Resp: 1610

Ion	Ratio	Lower	Upper
91	100		
92	30.6	27.2	81.6
134	83.1	13.1	39.1#





#95
Naphthalene
Concen: 0.561 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX026845.D
Acq: 09 Feb 2022 00:52

Tgt Ion:128 Resp: 3569

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	11.2	8.7	13.1