Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019998.D
Acq On : 14 Dec 2020 19:45
Operator : JC/MD
Sample : L5052-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-4254-121020

Quant Time: Dec 15 14:41:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	318545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	530312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	493037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	203492	48.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.22%			
35) Dibromofluoromethane	5.46	113	164433	47.98	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.96%			
50) Toluene-d8	8.70	98	643423	49.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.34%			
62) 4-Bromofluorobenzene	11.12	95	231268	46.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.88%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.39	62	16116	4.456	ug/l	95
16) Acetone	2.42	43	3770	2.396	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	6129	1.801	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	123005	30.891	ug/l	91
40) Benzene	6.11	78	40515	2.768	ug/l	99
65) Chlorobenzene	10.12	112	352414	35.878	ug/l	99
67) Ethyl Benzene	10.23	91	5477	0.314	ug/l	95

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

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TU032-32-4254-121020

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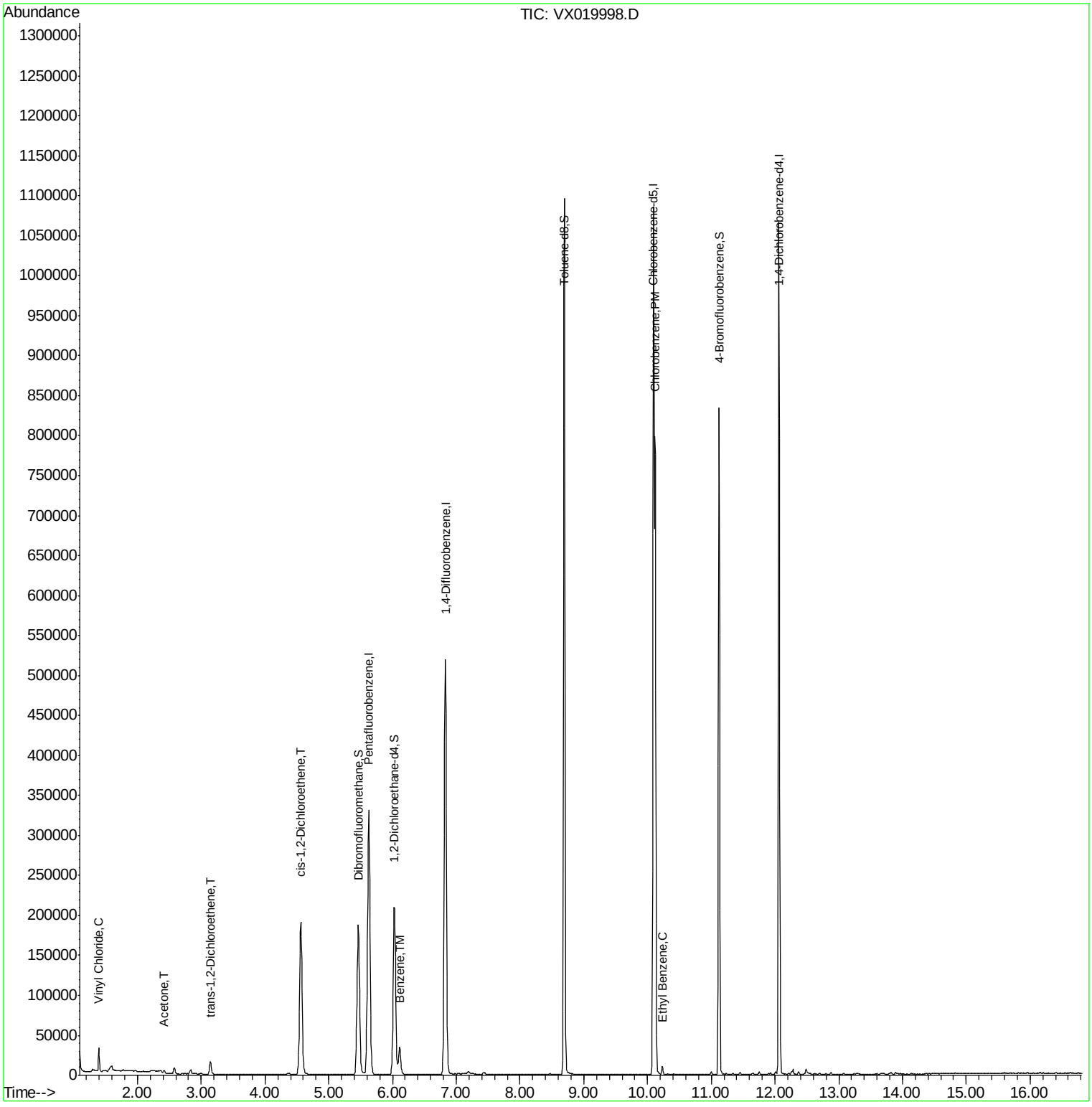
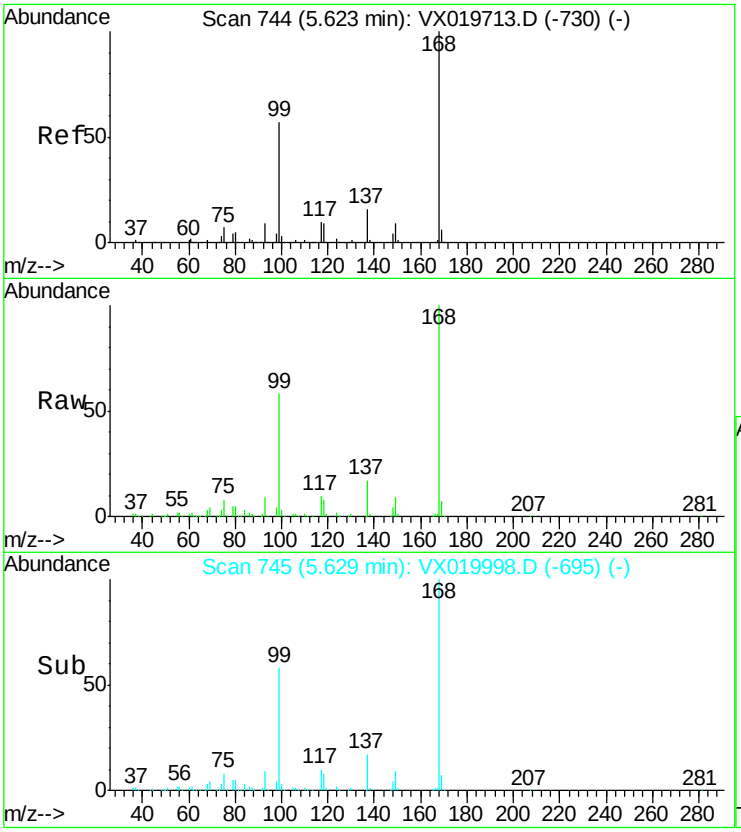


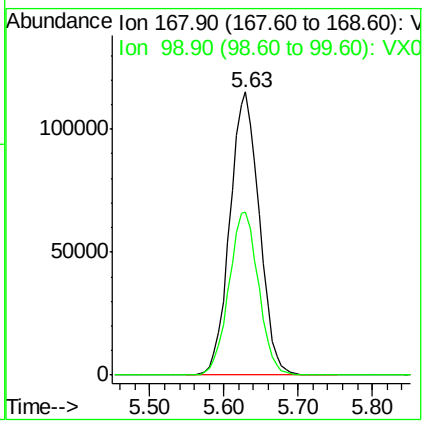


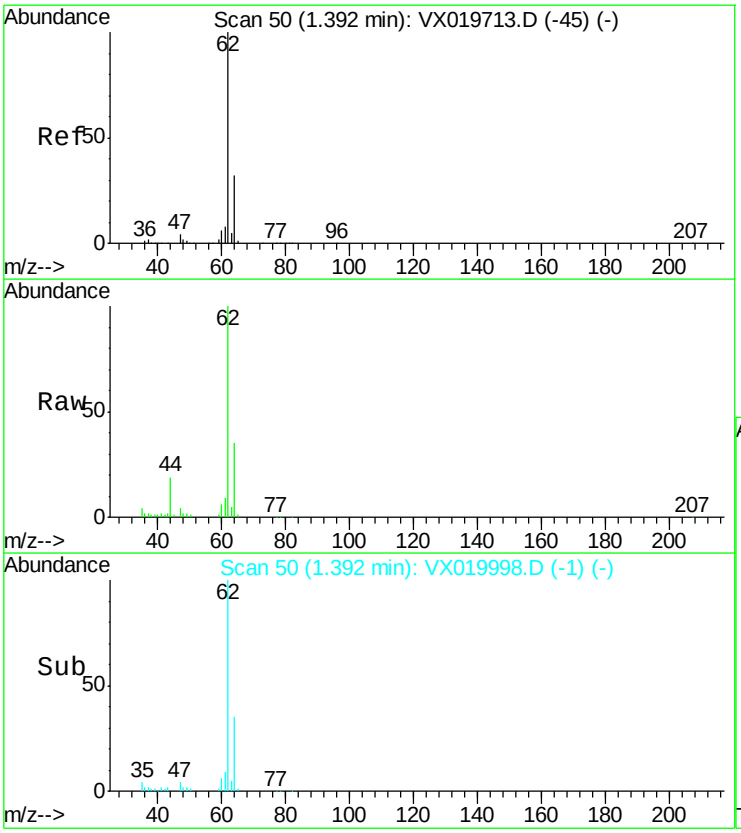
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion:168 Resp: 318545

Ion	Ratio	Lower	Upper
168	100		
99	57.6	45.8	68.6

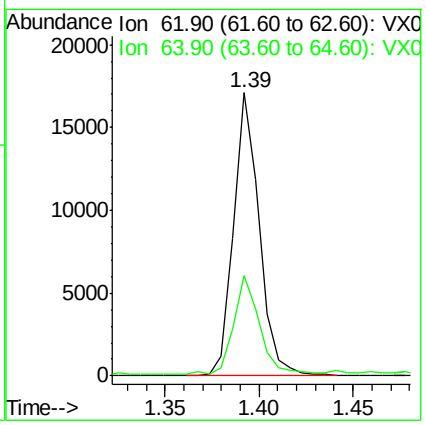


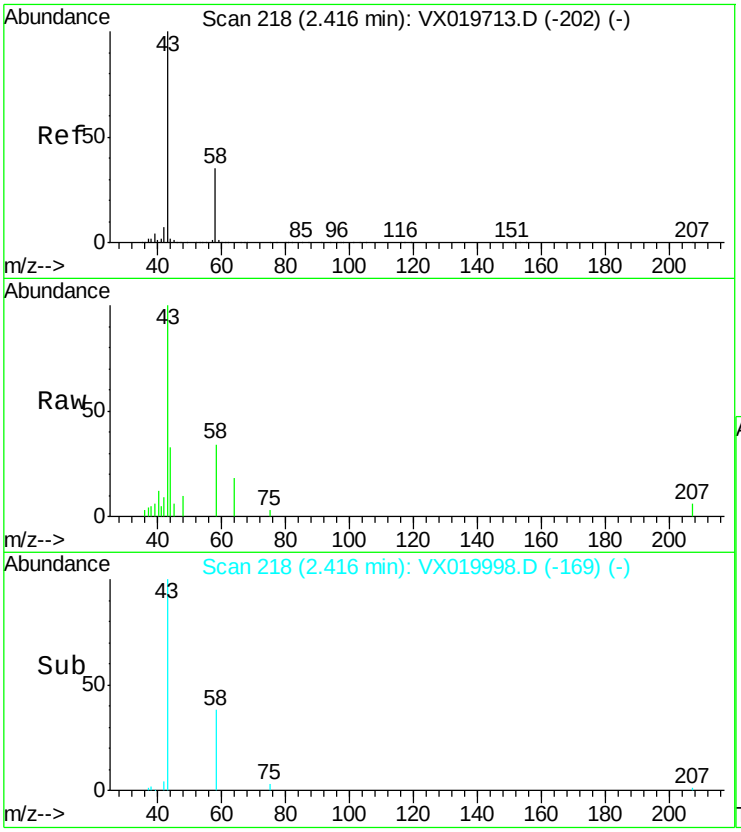


#4
Vinyl Chloride
Concen: 4.456 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Tgt Ion: 62 Resp: 16116

Ion	Ratio	Lower	Upper
62	100		
64	34.7	25.7	38.5



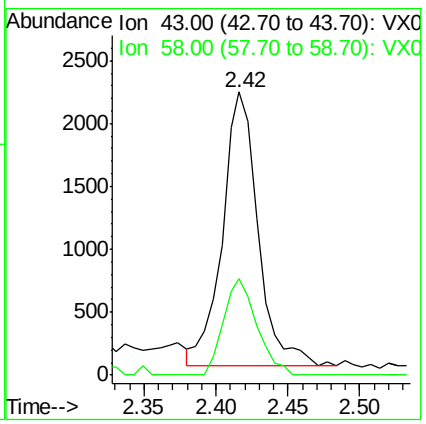


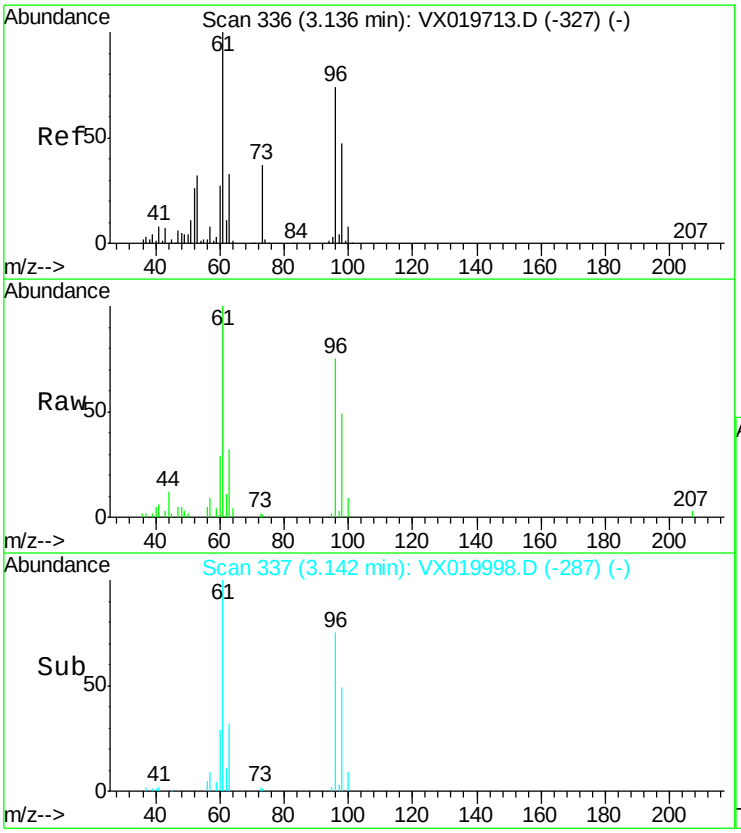
#16
Acetone
Concen: 2.396 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion: 43 Resp: 3770

Ion	Ratio	Lower	Upper
43	100		
58	35.4	27.8	41.8

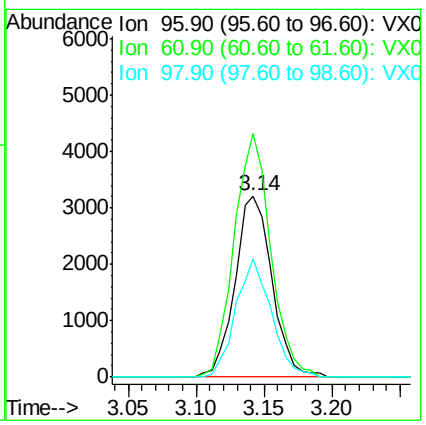


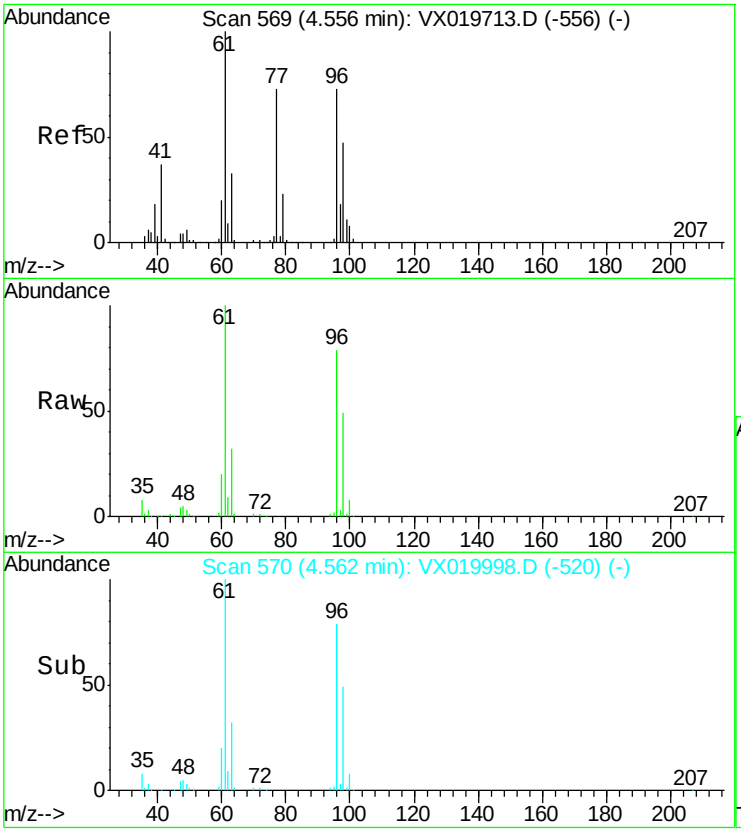


#21
trans-1,2-Dichloroethene
Concen: 1.801 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Tgt Ion: 96 Resp: 6129

Ion	Ratio	Lower	Upper
96	100		
61	134.2	107.7	161.5
98	65.2	50.4	75.6



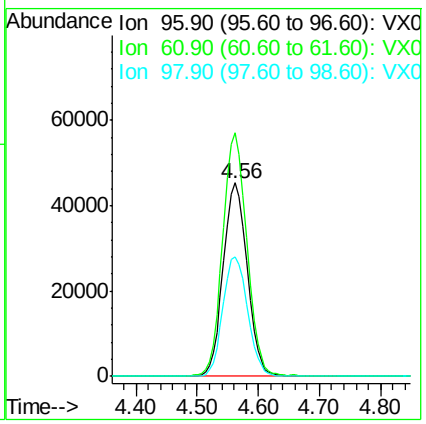


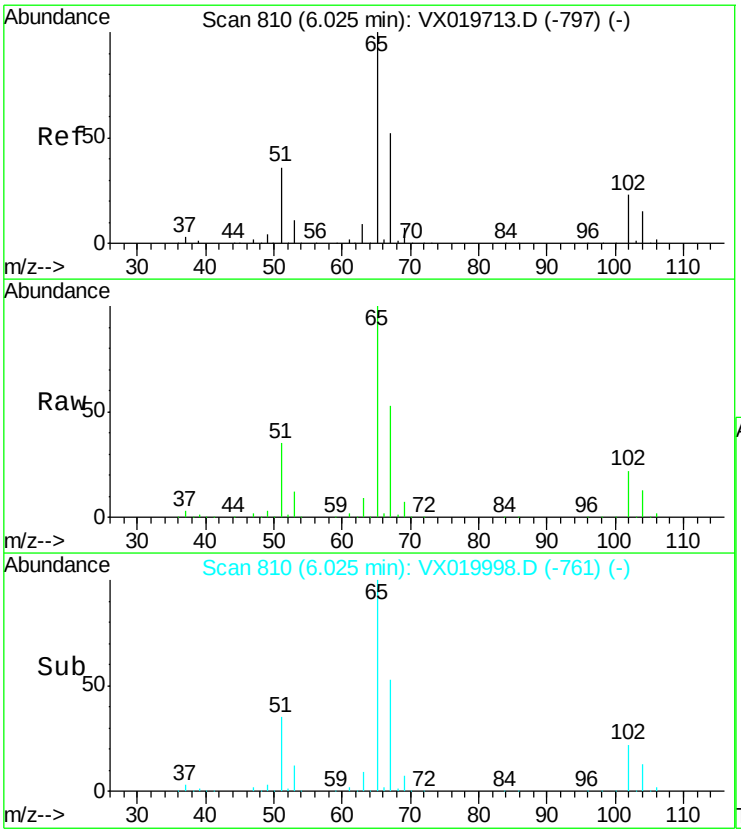
#27
cis-1,2-Dichloroethene
Concen: 30.891 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion: 96 Resp: 123005

Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	285.6
98	63.7	0.0	129.6

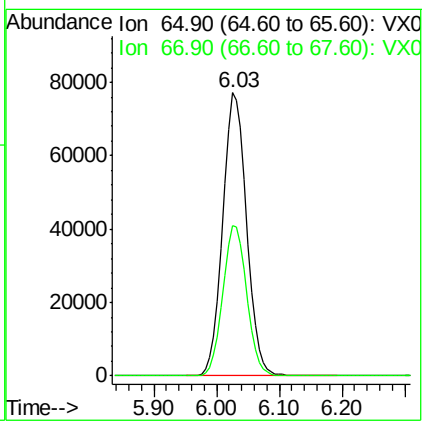


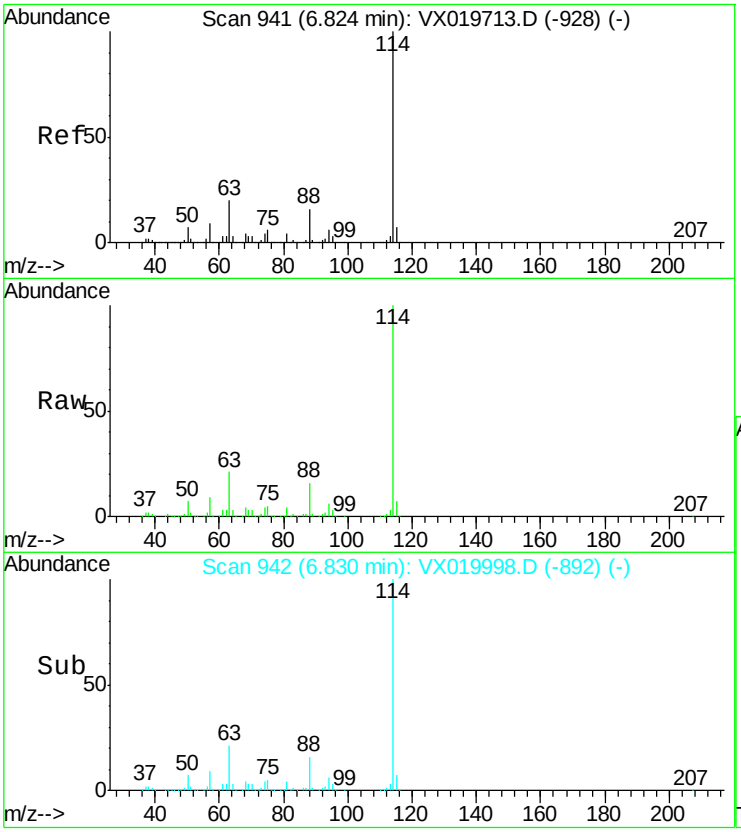


#33
1,2-Dichloroethane-d4
Concen: 48.605 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Tgt Ion: 65 Resp: 203492

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4



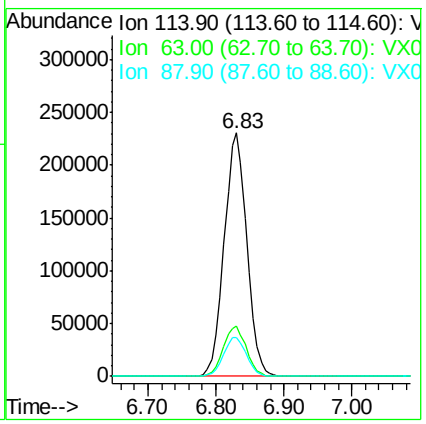


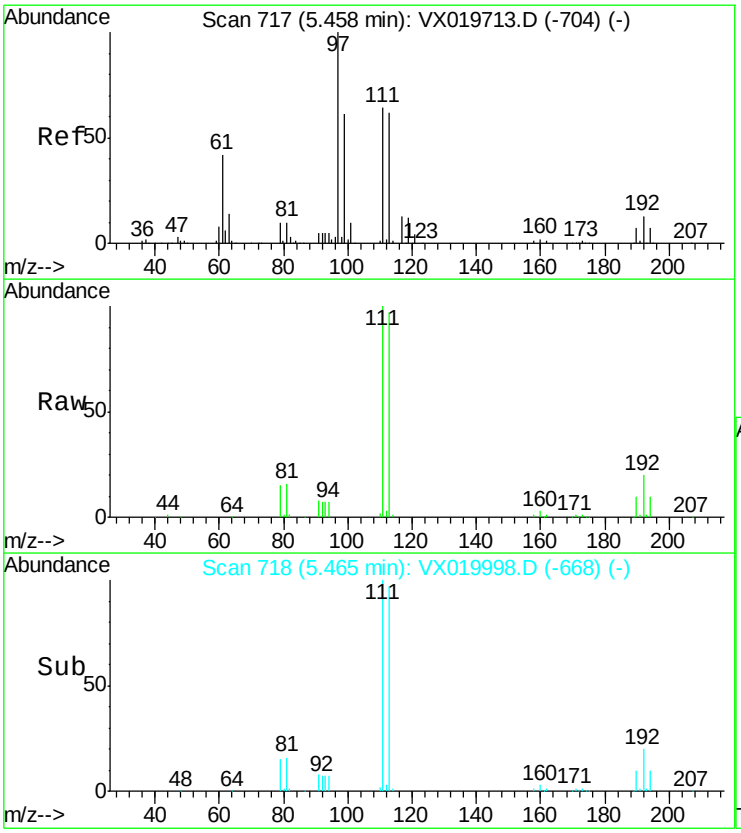
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion:114 Resp: 530312

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.0	0.0	32.8

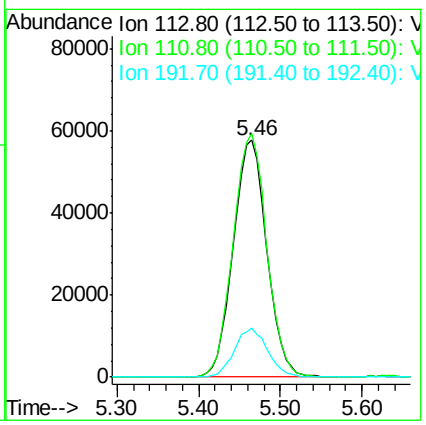


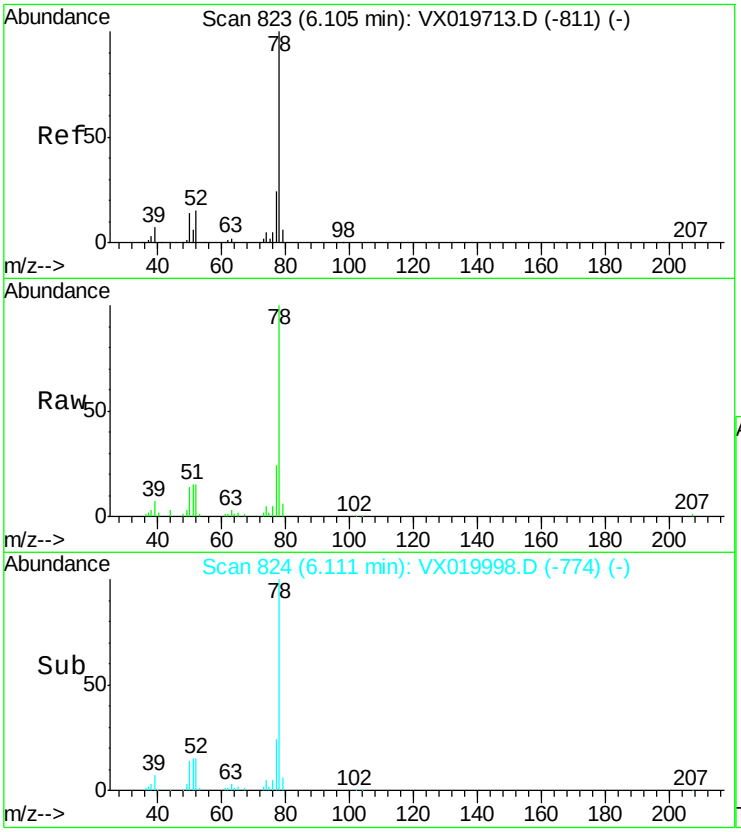


#35
Dibromofluoromethane
Concen: 47.977 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Tgt Ion:113 Resp: 164433

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	20.4	16.7	25.1



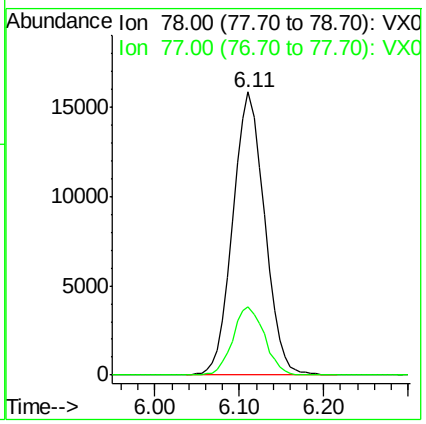


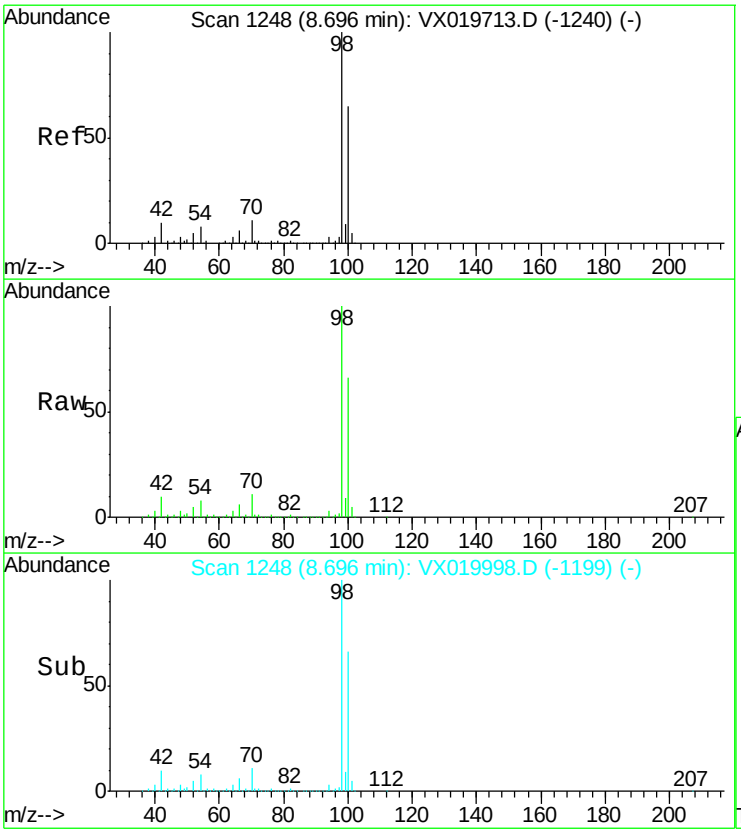
#40
Benzene
Concen: 2.768 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion: 78 Resp: 40515

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3

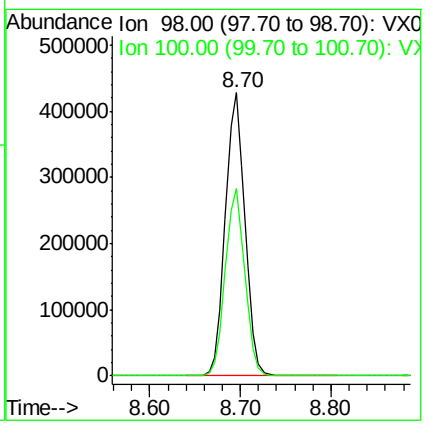


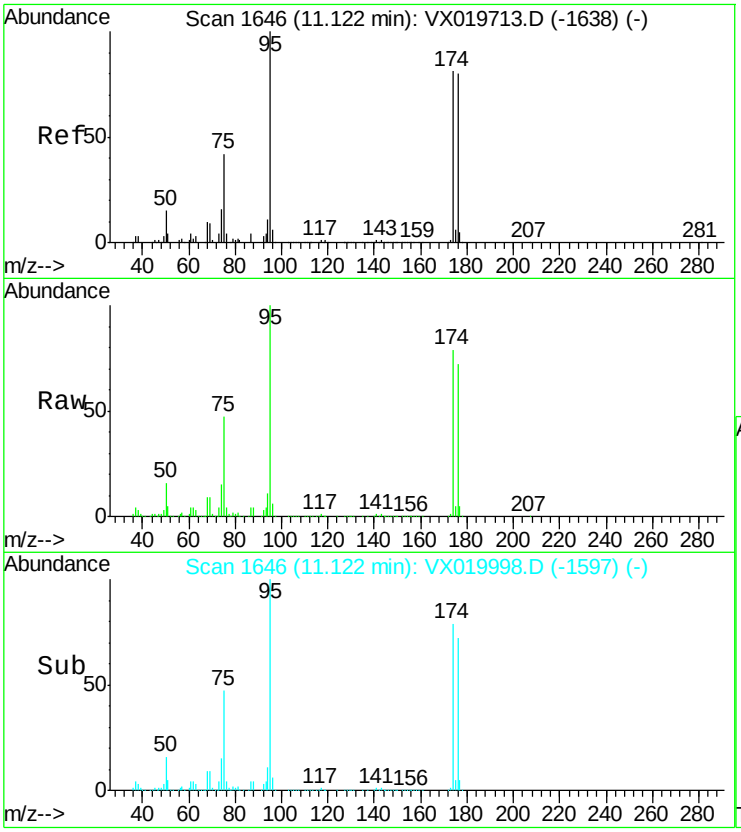


#50
Toluene-d8
Concen: 49.174 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Tgt Ion: 98 Resp: 643423

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9



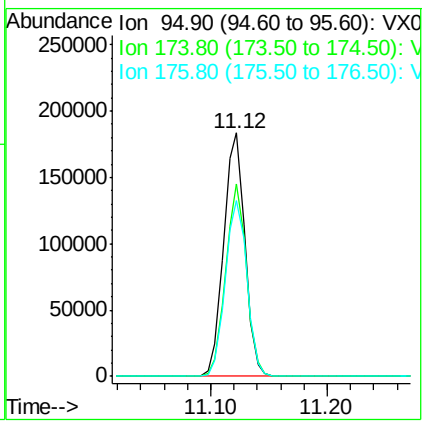


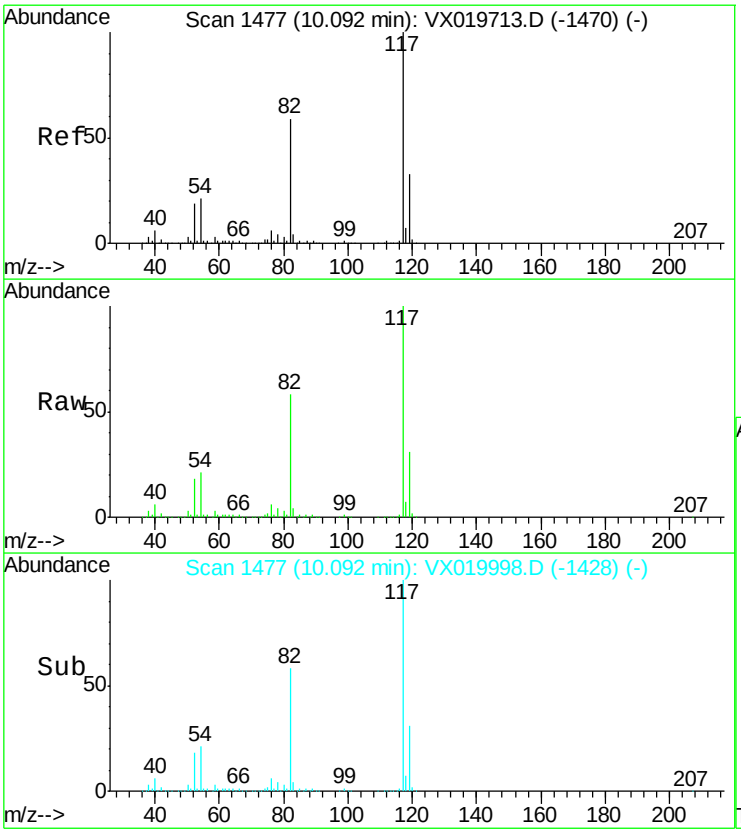
#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion: 95 Resp: 231268

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	154.6
176	74.0	0.0	155.8

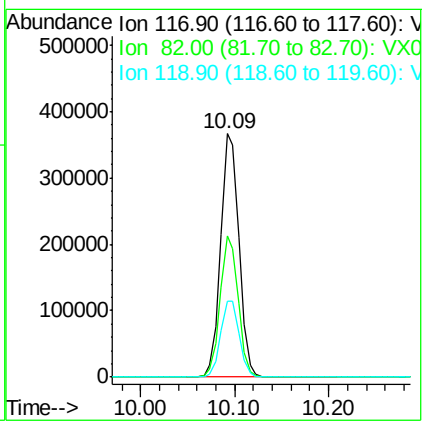


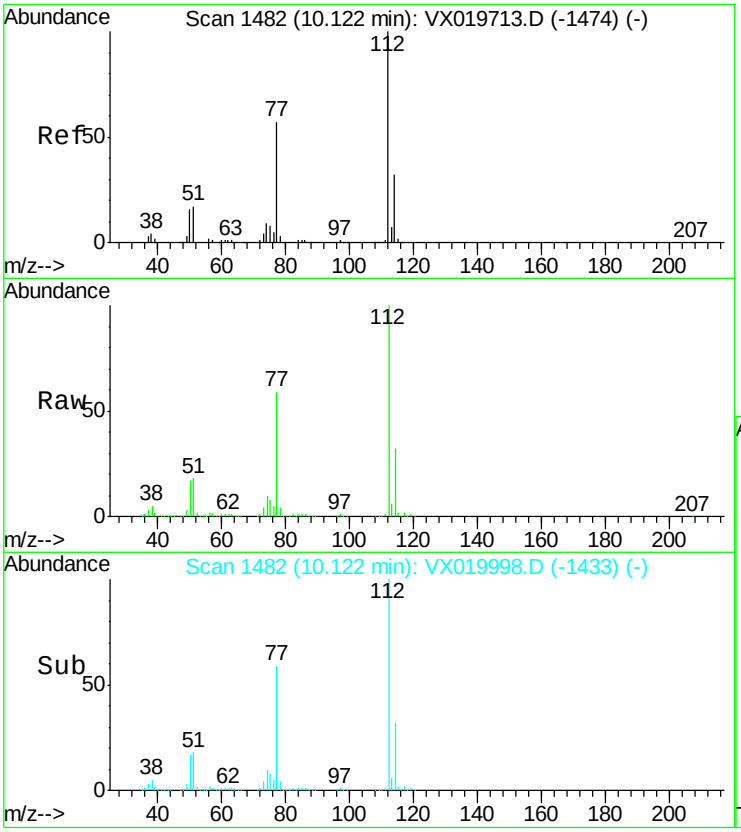


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Tgt Ion:117 Resp: 493037

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.4	71.2
119	31.2	26.6	39.8



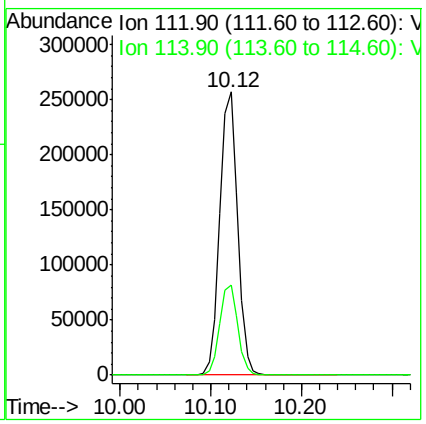


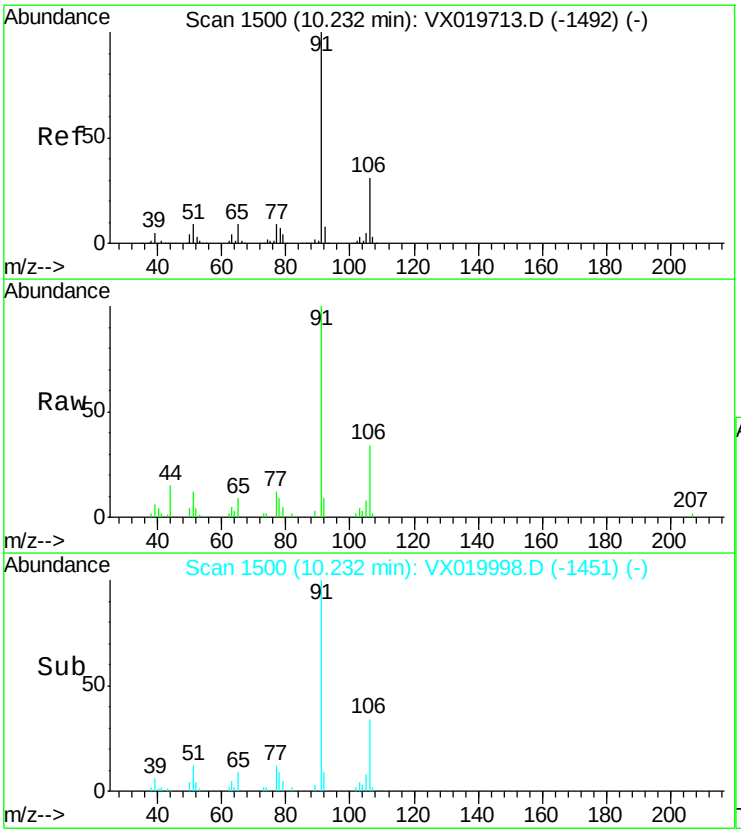
#65
Chlorobenzene
Concen: 35.878 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion:112 Resp: 352414

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.6

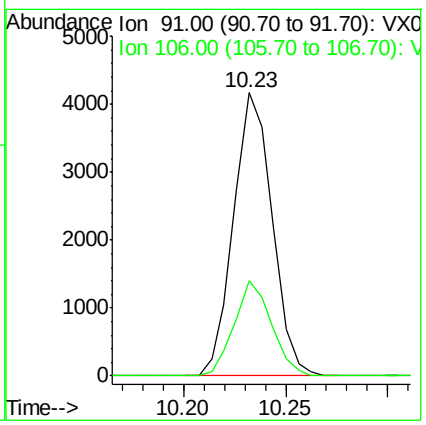


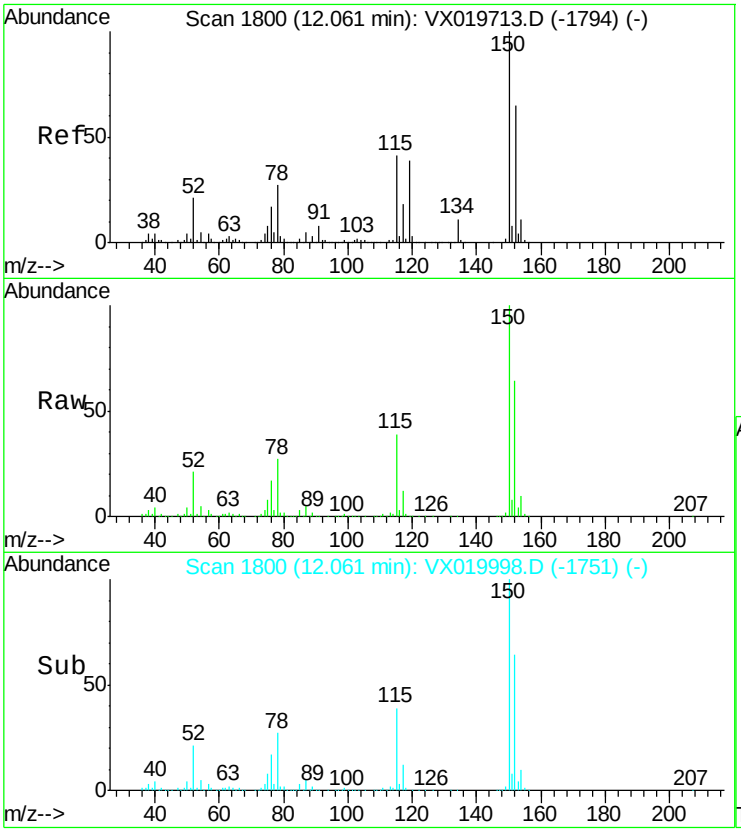


#67
Ethyl Benzene
Concen: 0.314 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Tgt Ion: 91 Resp: 5477

Ion	Ratio	Lower	Upper
91	100		
106	33.8	24.6	37.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019998.D
Acq: 14 Dec 2020 19:45

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-4254-121020

Tgt Ion:152 Resp: 214447

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	160.0	0.0	349.0