Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
Data File : VX019985.D
Acq On : 14 Dec 2020 14:42
Operator : JC/MD
Sample : L5052-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TU032-32-6777-121020

Quant Time: Dec 15 14:49:49 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	303880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	465796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195820	49.03	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.06%			
35) Dibromofluoromethane	5.46	113	157802	48.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.80%			
50) Toluene-d8	8.70	98	614859	49.39	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.78%			
62) 4-Bromofluorobenzene	11.12	95	215631	45.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	6026	2.166	ug/l	96
16) Acetone	2.42	43	2425	1.615	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	20045	6.175	ug/l	88
27) cis-1,2-Dichloroethene	4.56	96	7390	1.945	ug/l	100
44) Trichloroethene	7.19	130	1393	0.381	ug/l	93

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

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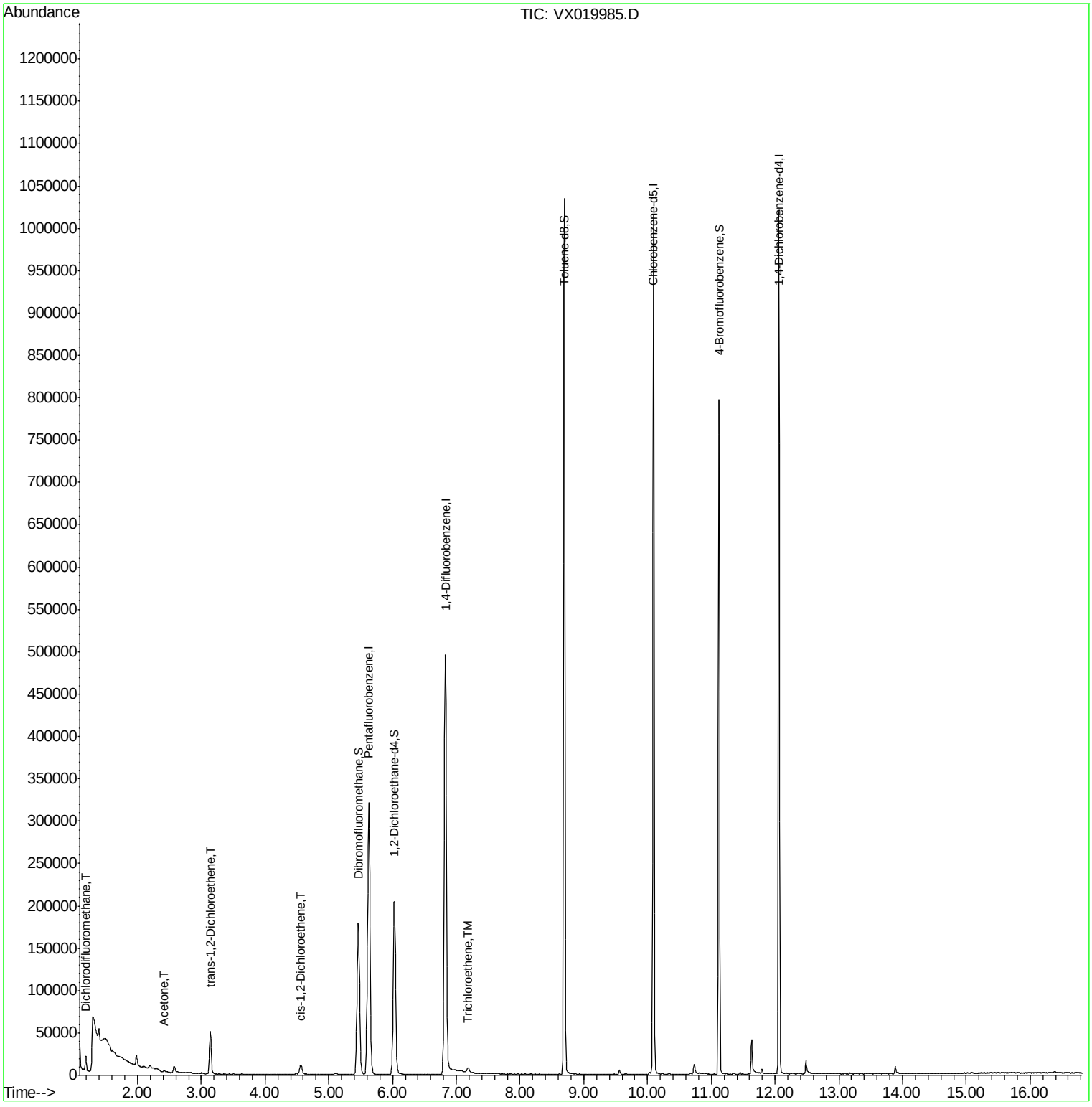
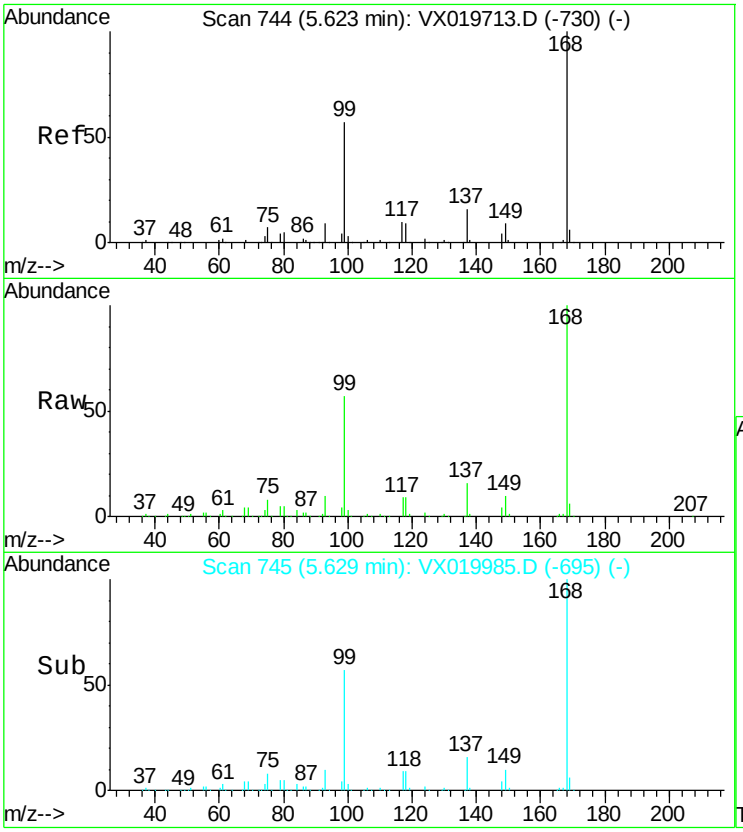
Response via : Initial Calibration



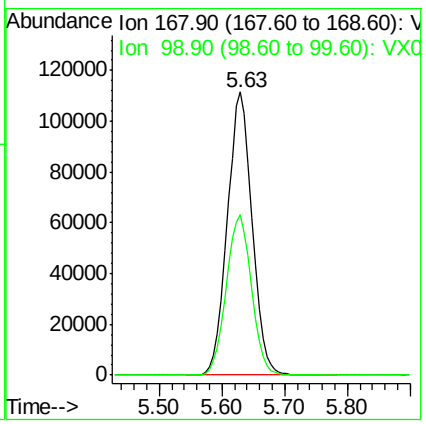


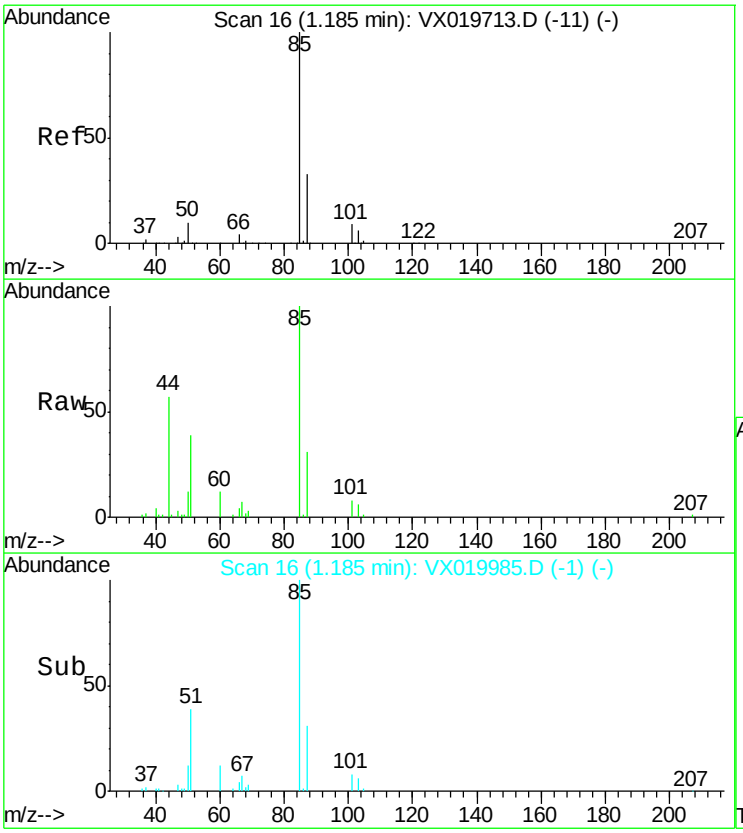
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:168 Resp: 303880

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.8	68.6

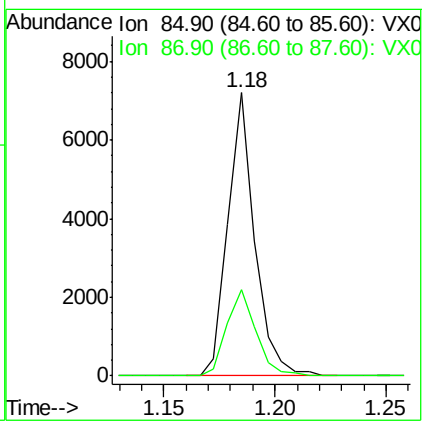


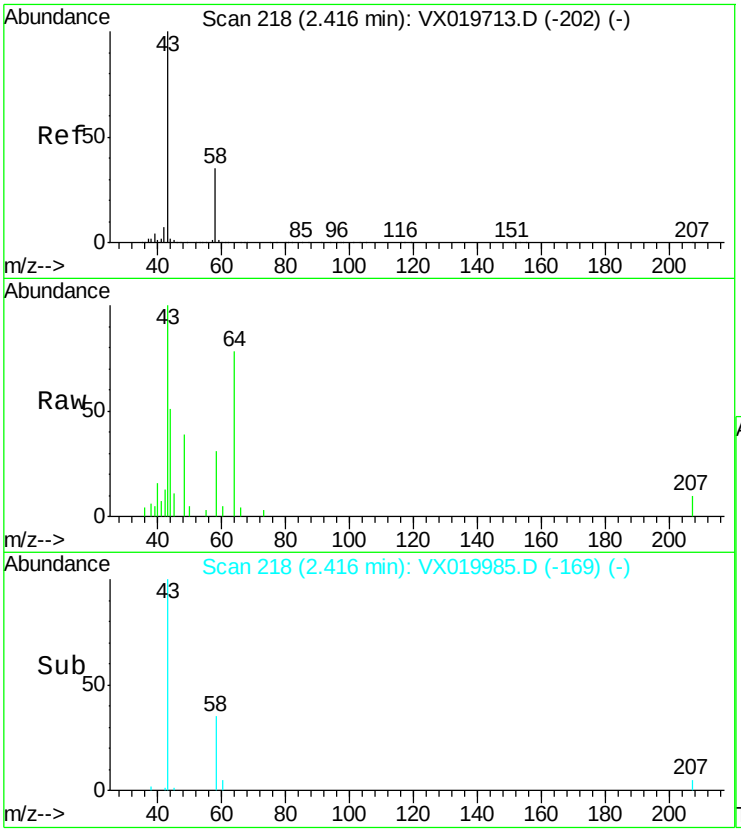


#2
Dichlorodifluoromethane
Concen: 2.166 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 85 Resp: 6026

Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.4	49.2



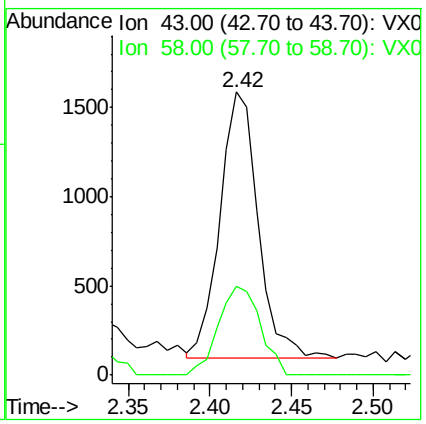


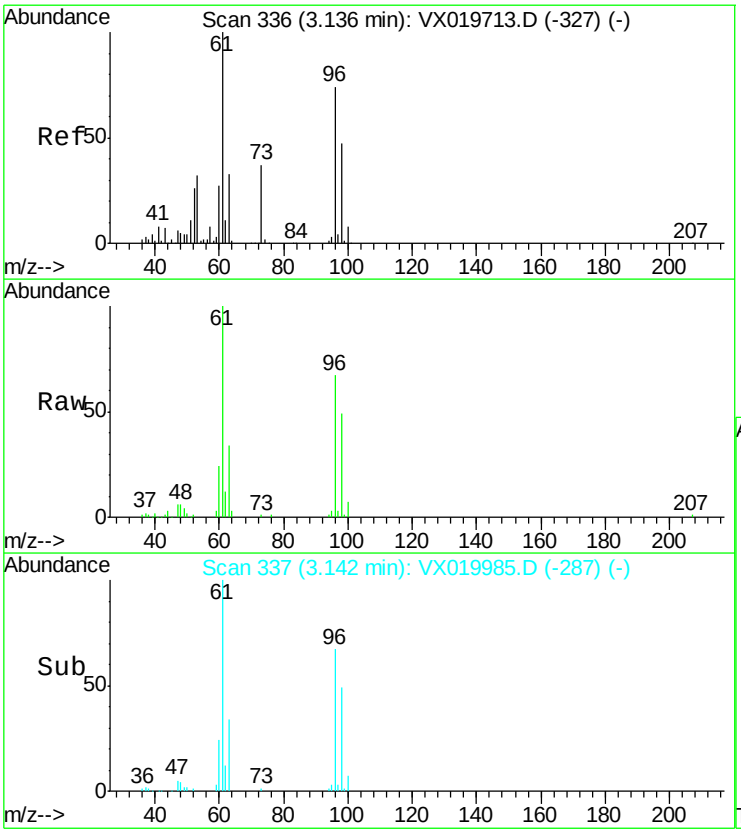
#16
Acetone
Concen: 1.615 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 43 Resp: 2425

Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.8	41.8

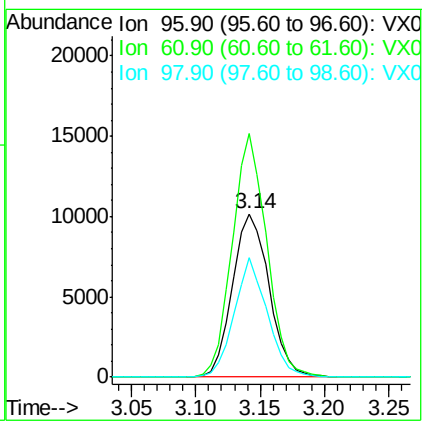


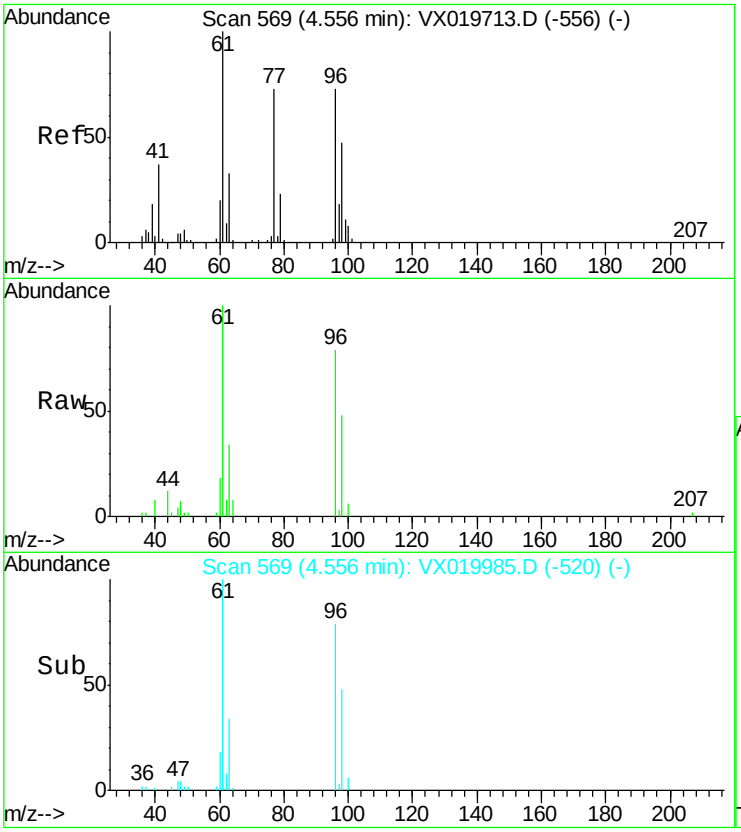


#21
trans-1,2-Dichloroethene
Concen: 6.175 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 96 Resp: 20045

Ion	Ratio	Lower	Upper
96	100		
61	148.9	107.7	161.5
98	73.1	50.4	75.6



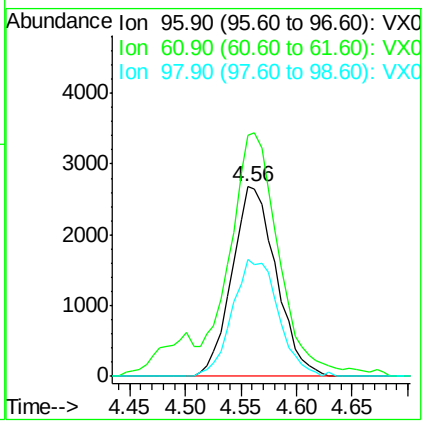


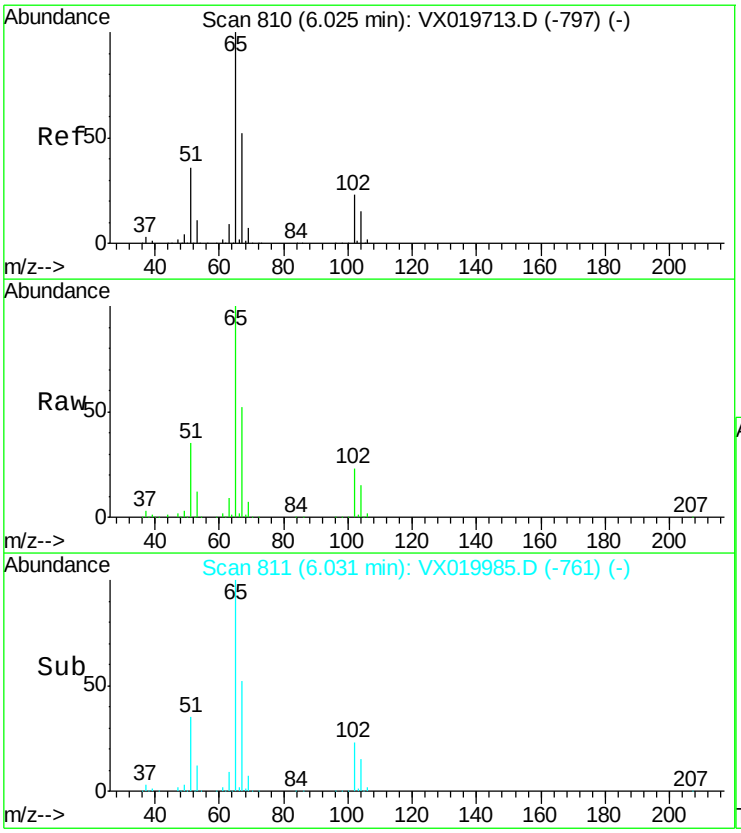
#27
cis-1,2-Dichloroethene
Concen: 1.945 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 96 Resp: 7390

Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	285.6
98	64.1	0.0	129.6

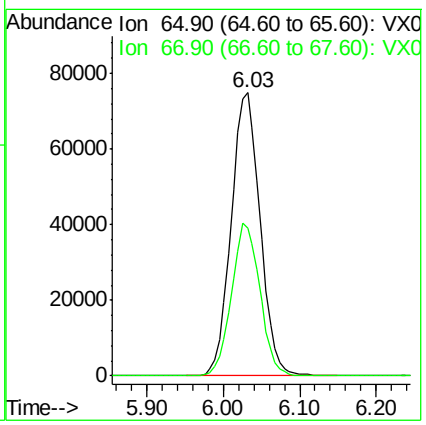


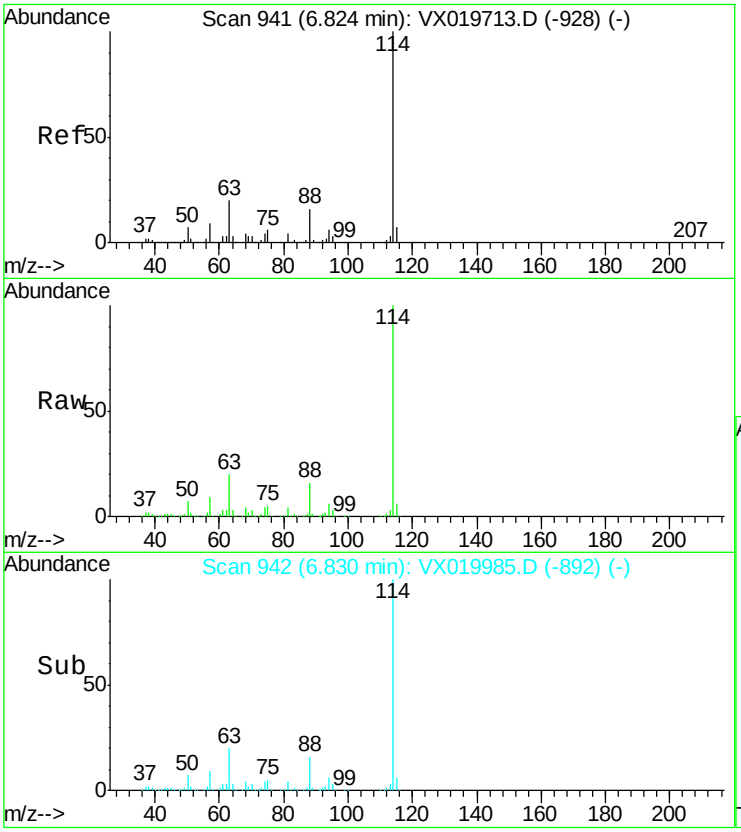


#33
1,2-Dichloroethane-d4
Concen: 49.030 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 65 Resp: 195820

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4



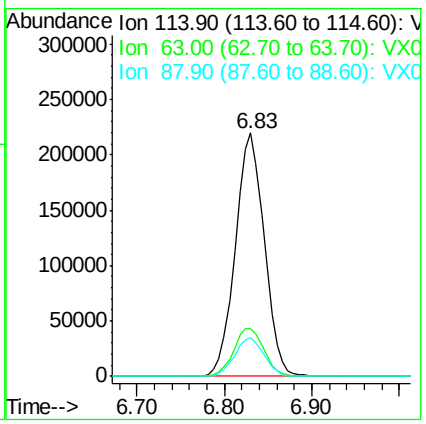


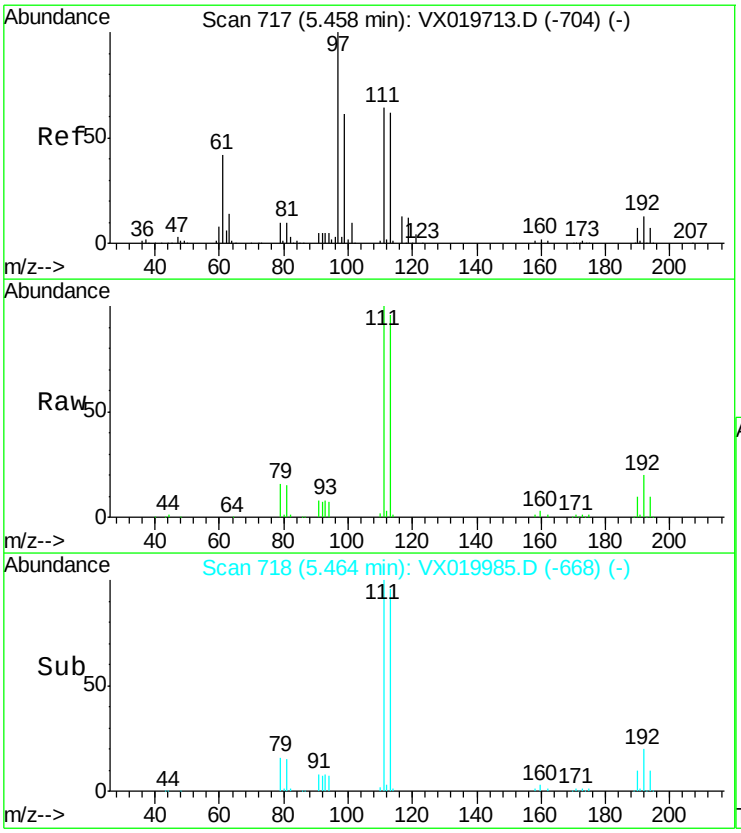
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:114 Resp: 504523

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.7	0.0	32.8

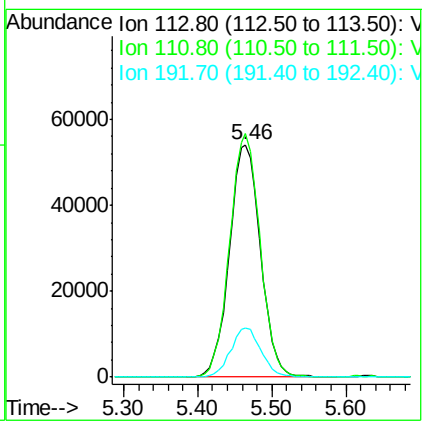


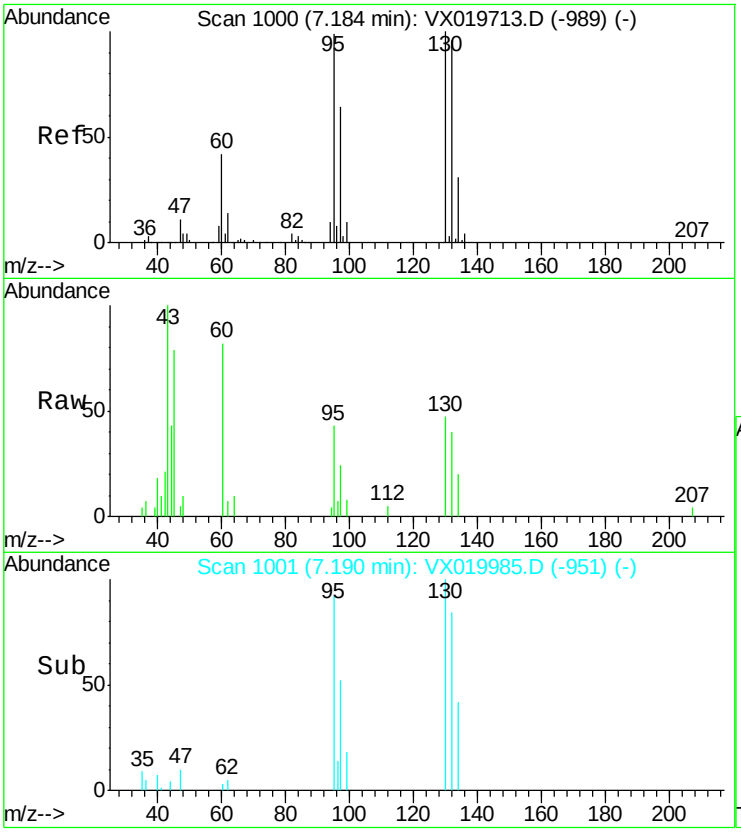


#35
Dibromofluoromethane
Concen: 48.396 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion:113 Resp: 157802

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	20.5	16.7	25.1



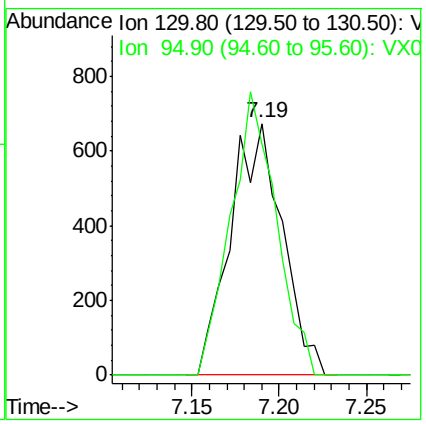


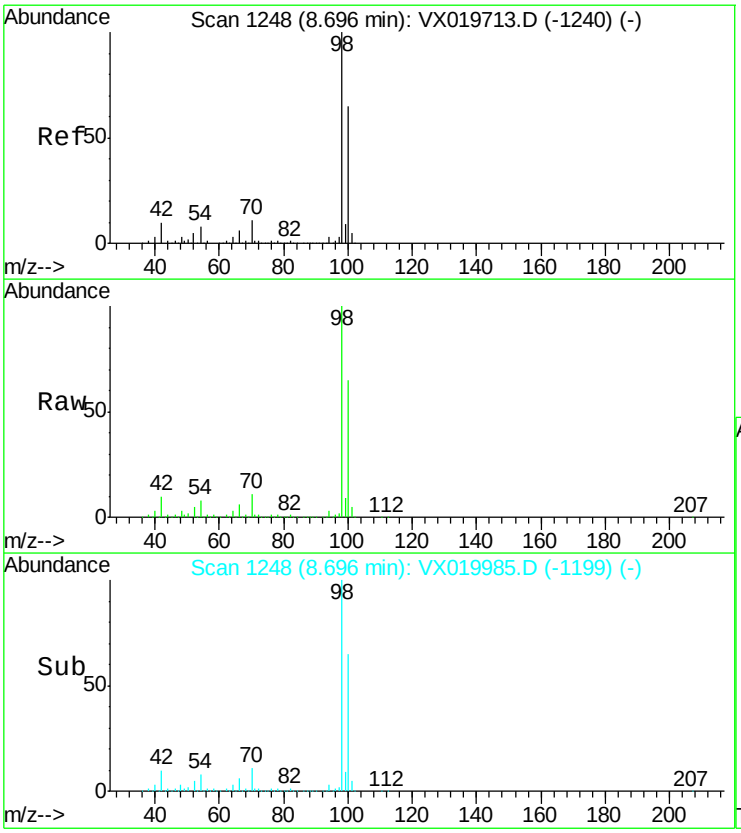
#44
Trichloroethene
Concen: 0.381 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:130 Resp: 1393

Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	198.0

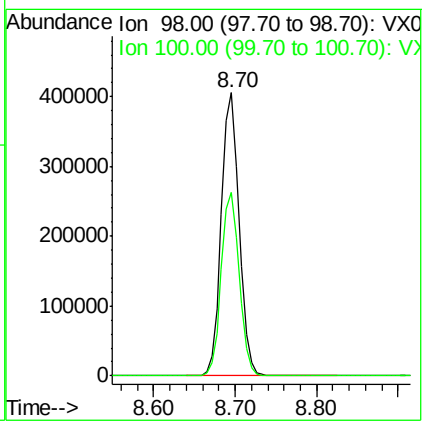


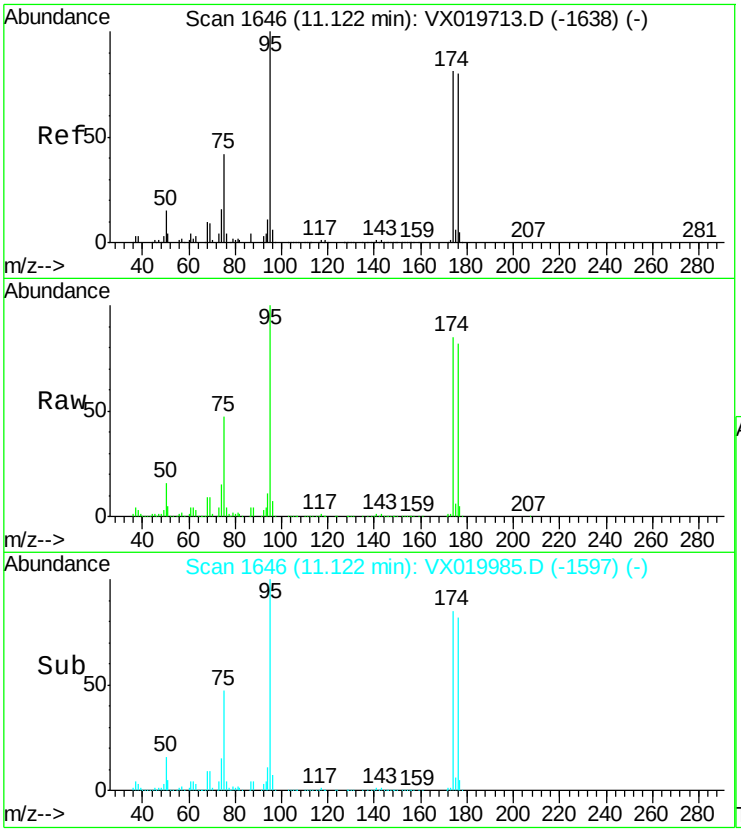


#50
Toluene-d8
Concen: 49.393 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion: 98 Resp: 614859

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9



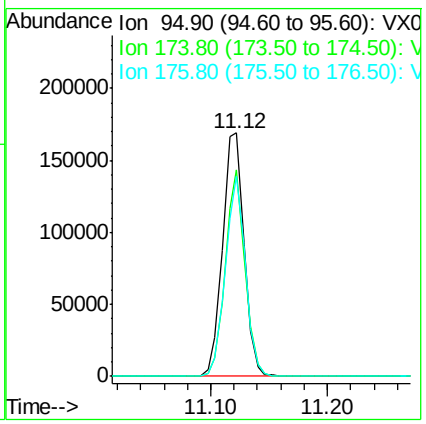


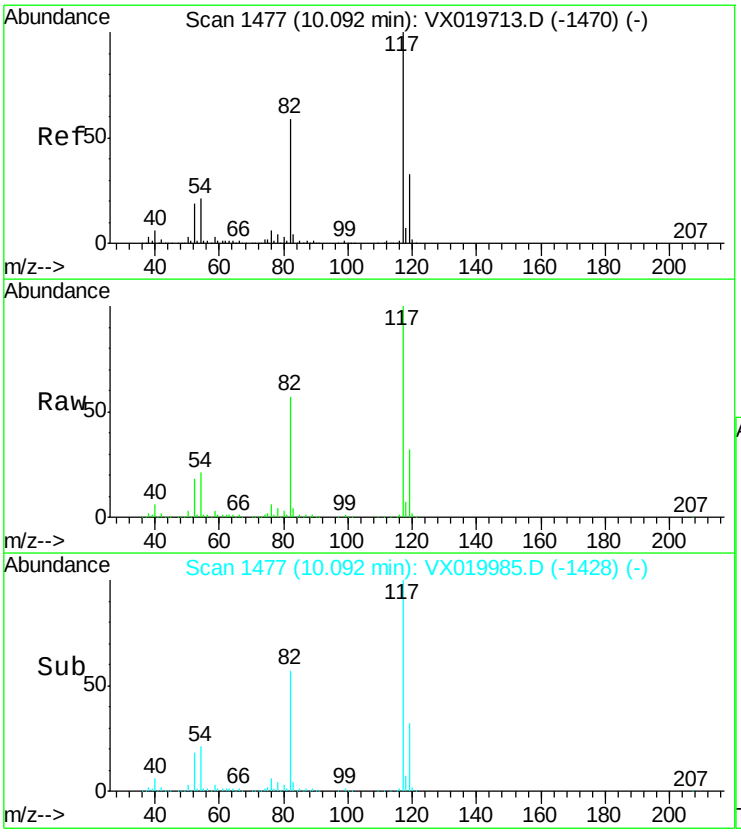
#62
4-Bromofluorobenzene
Concen: 45.511 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion: 95 Resp: 215631

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	154.6
176	76.5	0.0	155.8

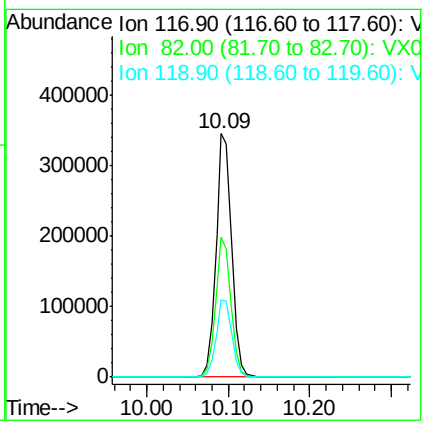


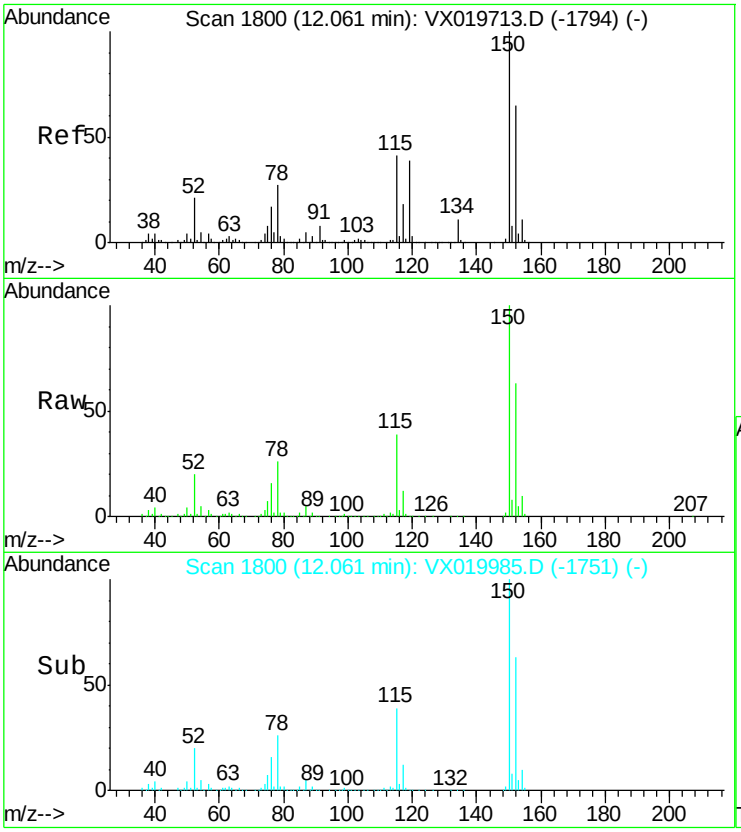


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Tgt Ion:117 Resp: 465796

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.4	71.2
119	31.9	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019985.D
Acq: 14 Dec 2020 14:42

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-6777-121020

Tgt Ion:152 Resp: 206377

Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.1	123.3
150	156.3	0.0	349.0