Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018670.D
Acq On : 29 Sep 2020 21:06
Operator : JC/SP
Sample : L4143-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Sep 30 07:11:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	220797	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	208685	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	92077	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	55574	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.70	69	48827	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.34	63	104565	4.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.00%			
20) 2-Butanone-d5	4.56	46	166297	56.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.88%			
24) Chloroform-d	5.14	84	140775	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	6.04	65	79056	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	6.05	84	257306	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.80%			
36) 1,2-Dichloropropane-d6	7.37	67	77573	5.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.80%			
41) Toluene-d8	8.70	98	222985	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
45) trans-1,3-Dichloropropene-	8.99	79	28968	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
48) 2-Hexanone-d5	9.43	63	126057	53.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.84%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61575	5.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.60%			
65) 1,2-Dichlorobenzene-d4	12.36	152	79879	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	1201	0.105	ug/L #	44
6) Bromomethane	1.65	94	650	0.091	ug/L	83
8) Chloroethane	1.54	64	634	0.096	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	16989	1.495	ug/L	99
12) 1,1-Dichloroethene	2.36	96	4391	0.407	ug/L #	1
13) Acetone	2.46	43	2389	1.465	ug/L	76
15) Methyl Acetate	2.76	43	592	0.131	ug/L	98
17) Methyl tert-butyl Ether	3.17	73	33894	1.413	ug/L	96
22) cis-1,2-Dichloroethene	4.57	96	6436	0.572	ug/L #	90
27) 1,2-Dichloroethane	6.06	62	2998	0.224	ug/L	99
34) Trichloroethene	7.19	95	4168	0.358	ug/L	87
35) Methylcyclohexane	7.37	83	19479	1.203	ug/L #	16
49) Tetrachloroethene	9.32	164	10122	1.104	ug/L	85
50) 2-Hexanone	9.43	43	17345	4.118	ug/L #	75
51) Dibromochloromethane	9.32	129	9134	0.906	ug/L #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018670.D
Acq On : 29 Sep 2020 21:06
Operator : JC/SP
Sample : L4143-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 30 07:11:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration

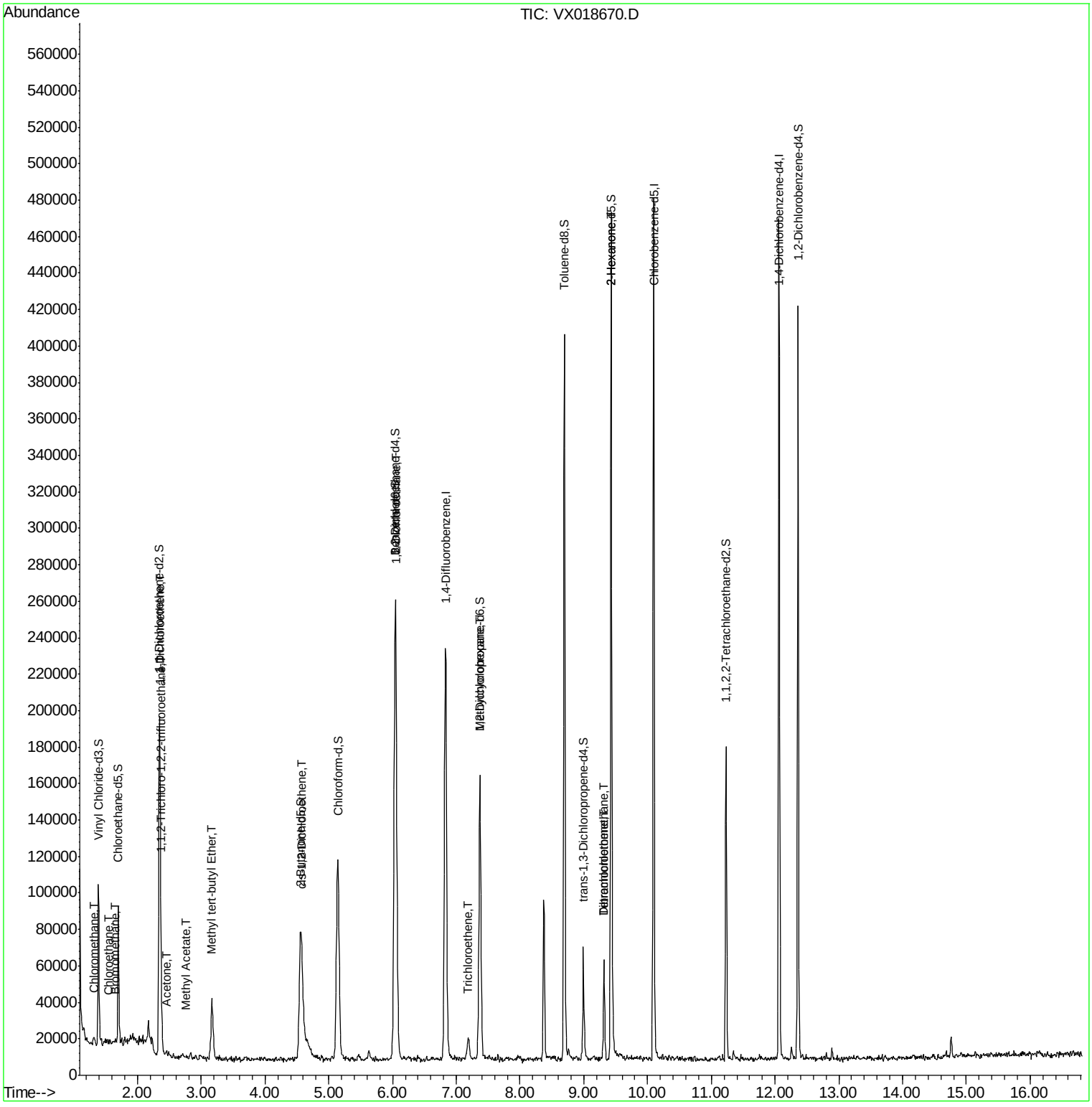
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

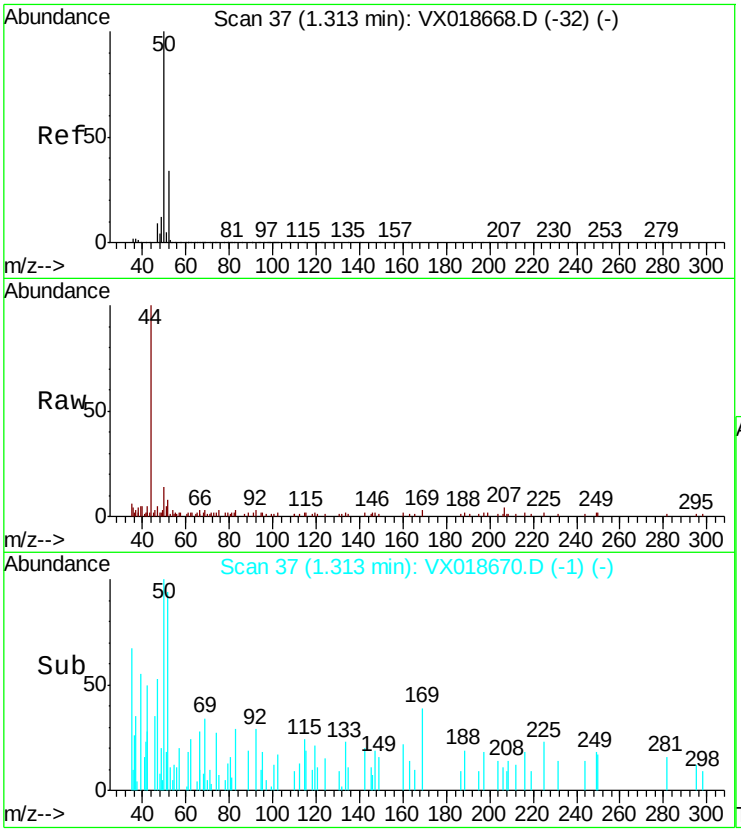
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018670.D
Acq On : 29 Sep 2020 21:06
Operator : JC/SP
Sample : L4143-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 30 07:11:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration



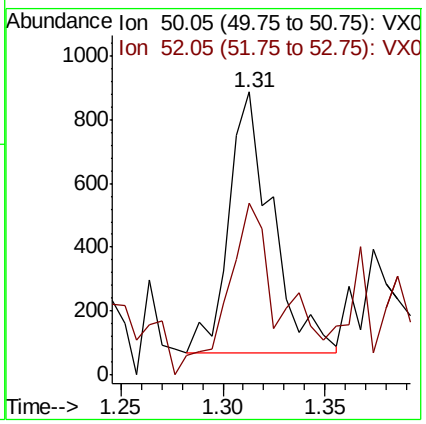


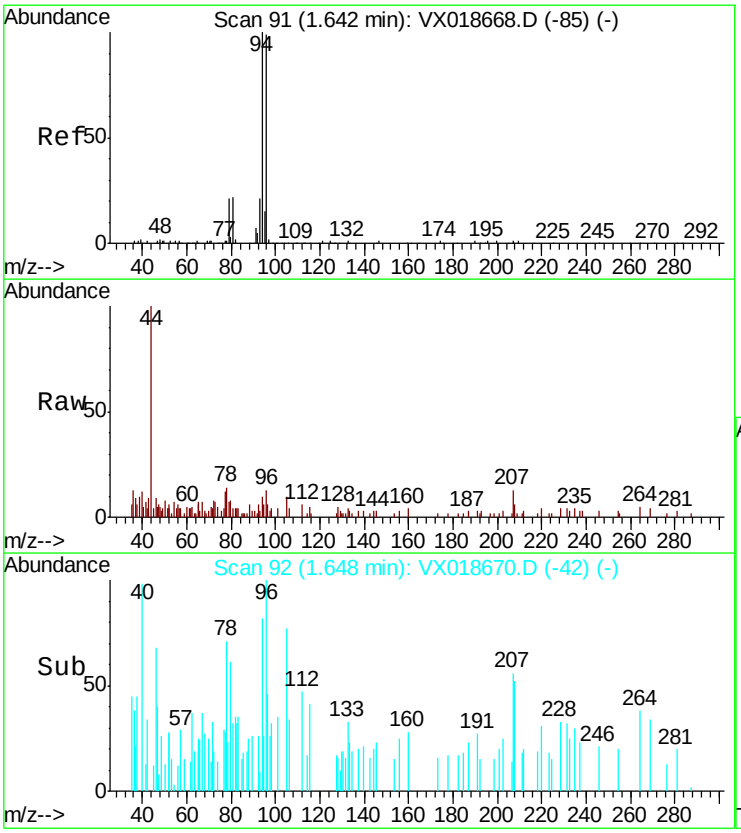
#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1201

Ion	Ratio	Lower	Upper
50	100		
52	60.7	21.2	39.4#

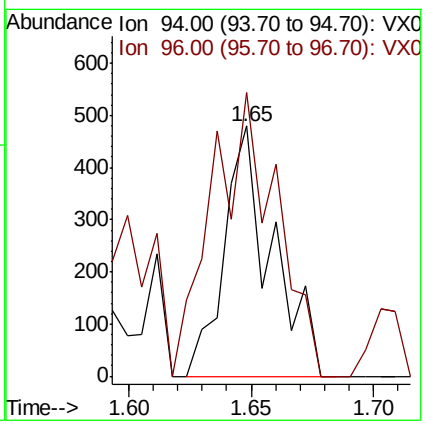


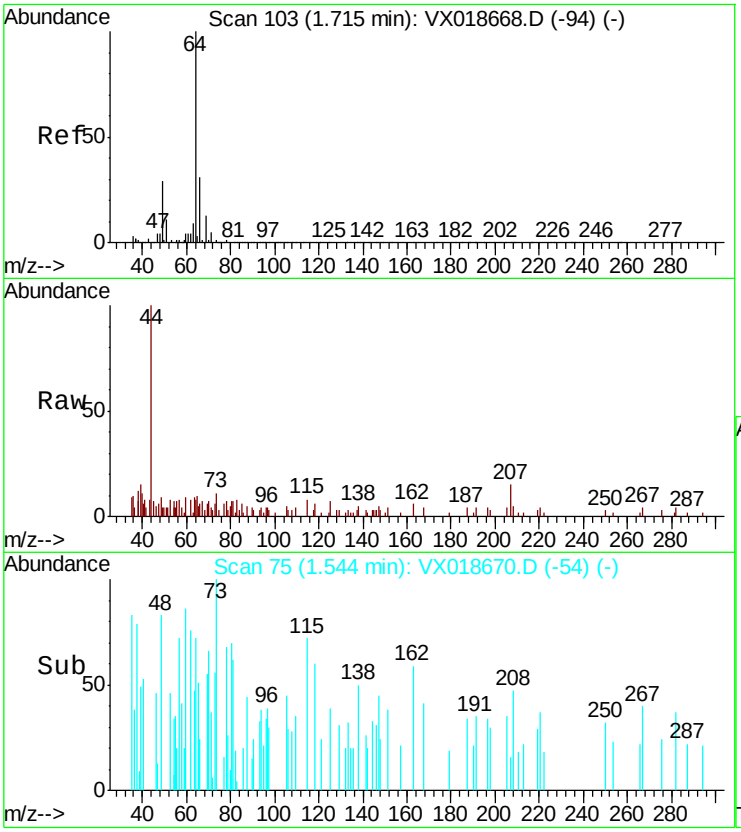


#6
Bromomethane
Concen: 0.091 ug/L
RT: 1.65 min Scan# 92
Delta R.T. 0.01 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion: 94 Resp: 650

Ion	Ratio	Lower	Upper
94	100		
96	113.4	67.8	125.8



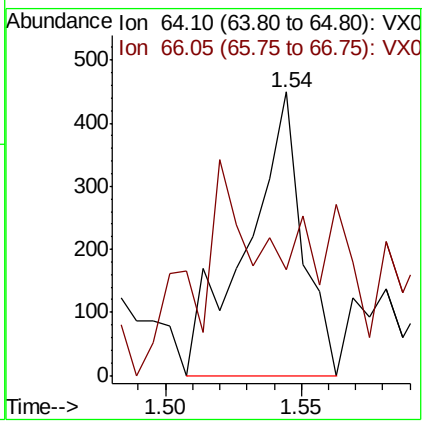


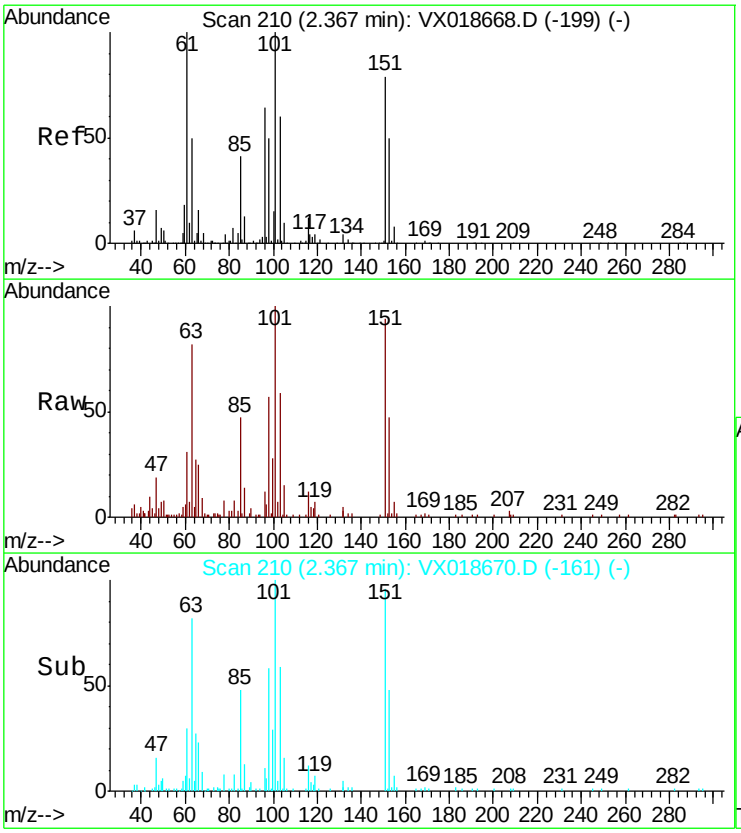
#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.54 min Scan# 75
Delta R.T. -0.17 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 634

Ion	Ratio	Lower	Upper
64	100		
66	37.4	22.3	41.3

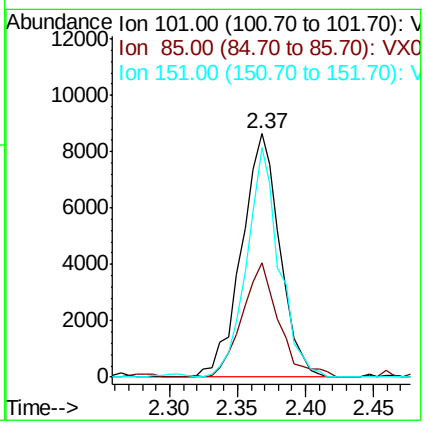


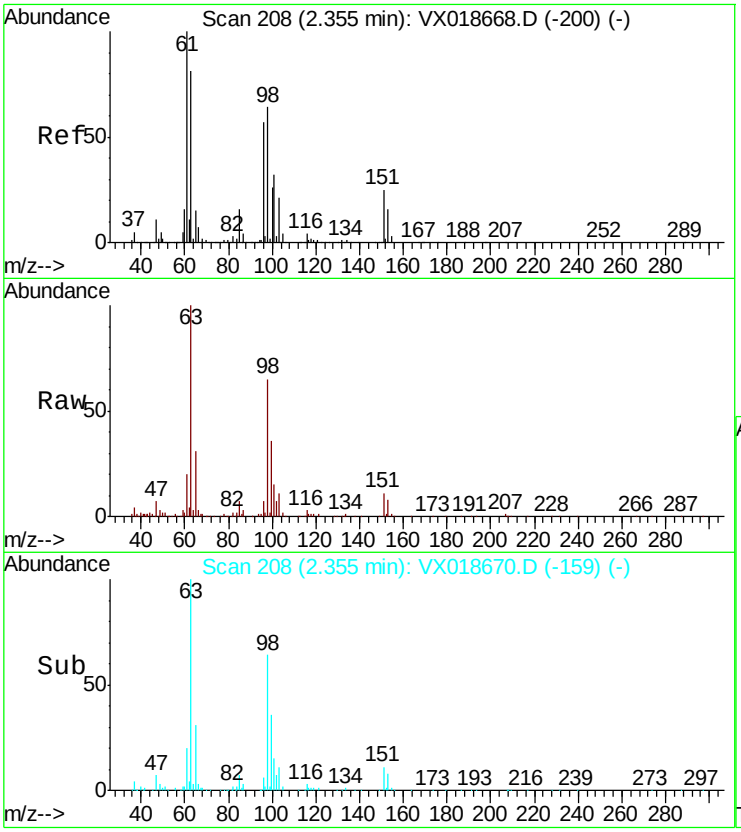


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.495 ug/L
RT: 2.37 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion:101 Resp: 16989

Ion	Ratio	Lower	Upper
101	100		
85	45.2	36.1	54.1
151	80.9	65.5	98.3



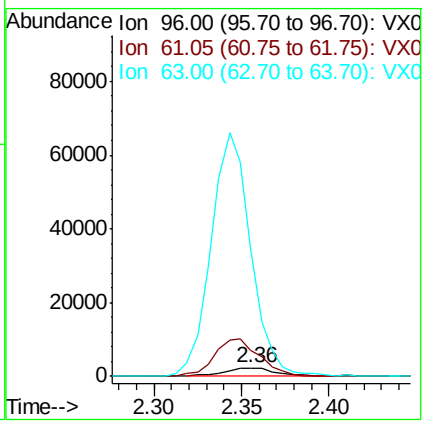


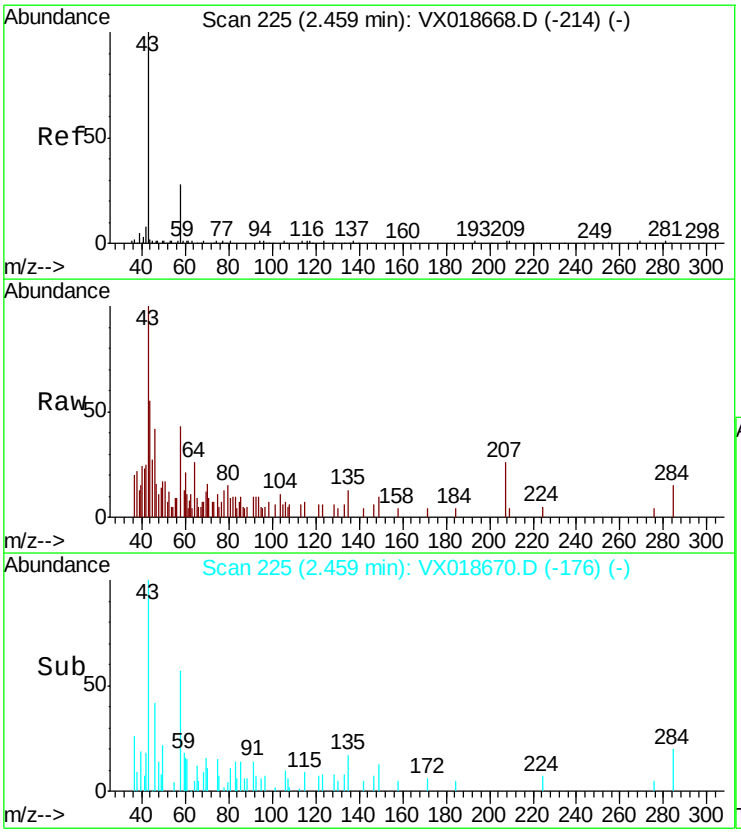
#12
1,1-Dichloroethene
Concen: 0.407 ug/L
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 4391

Ion	Ratio	Lower	Upper
96	100		
61	297.1	123.8	229.8#
63	1496.4	104.7	194.4#

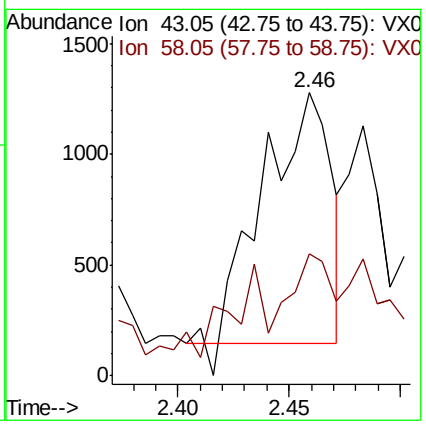


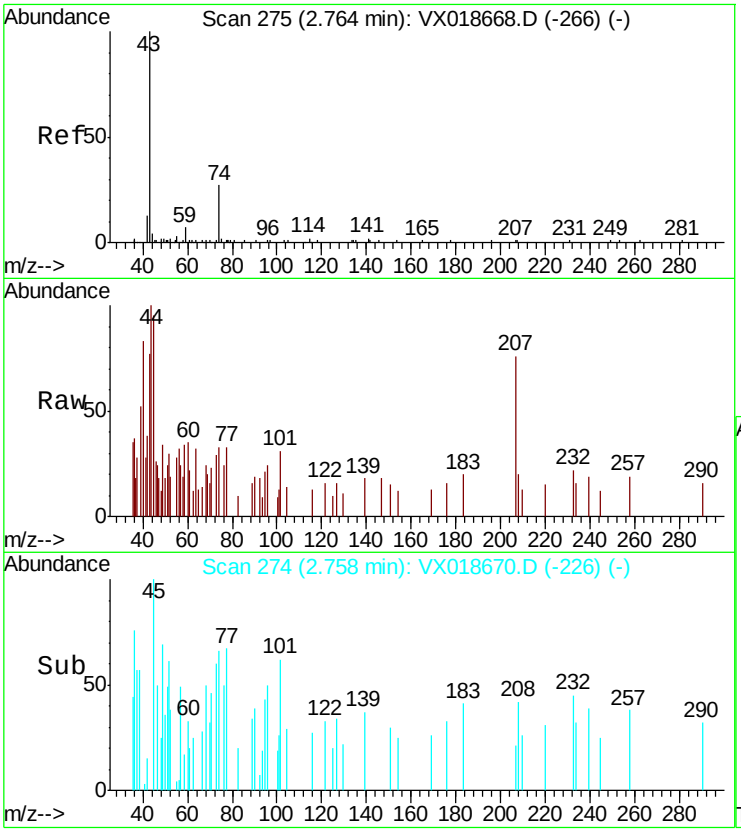


#13
Acetone
Concen: 1.465 ug/L
RT: 2.46 min Scan# 225
Delta R.T. 0.00 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion: 43 Resp: 2389

Ion	Ratio	Lower	Upper
43	100		
58	17.6	0.0	61.6



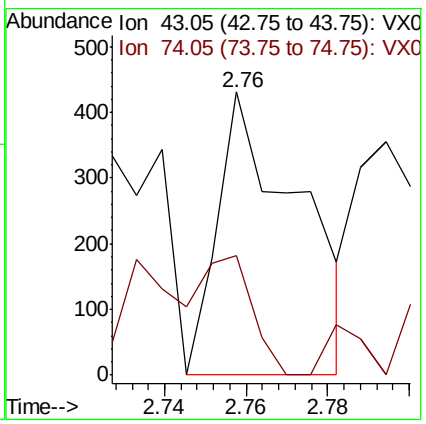


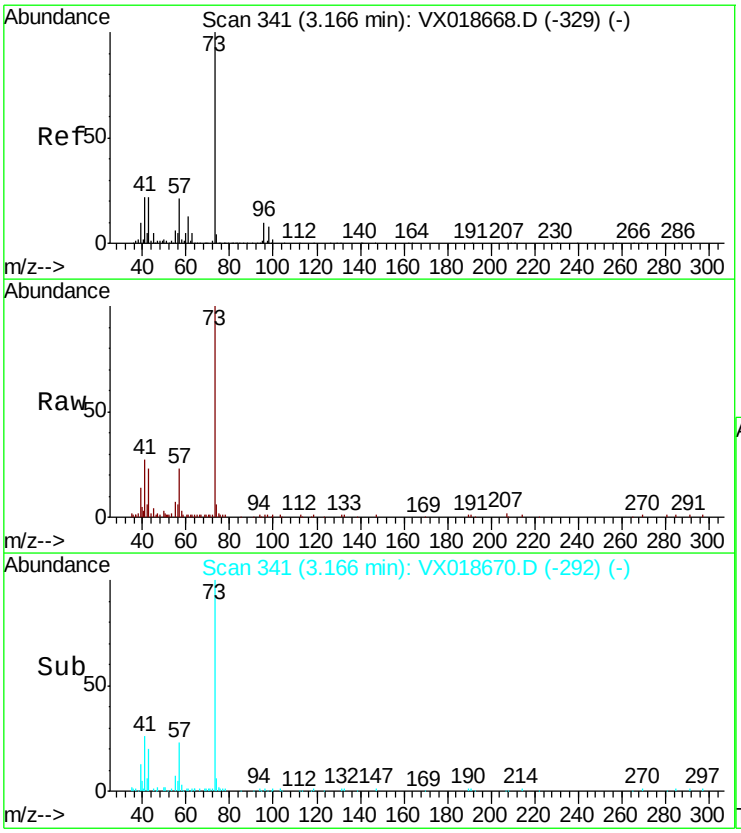
#15
Methyl Acetate
Concen: 0.131 ug/L
RT: 2.76 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 592

Ion	Ratio	Lower	Upper
43	100		
74	25.3	21.2	31.8

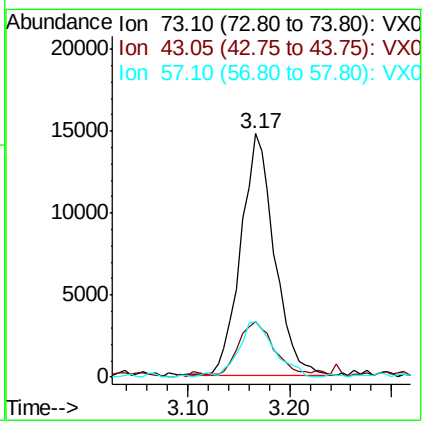


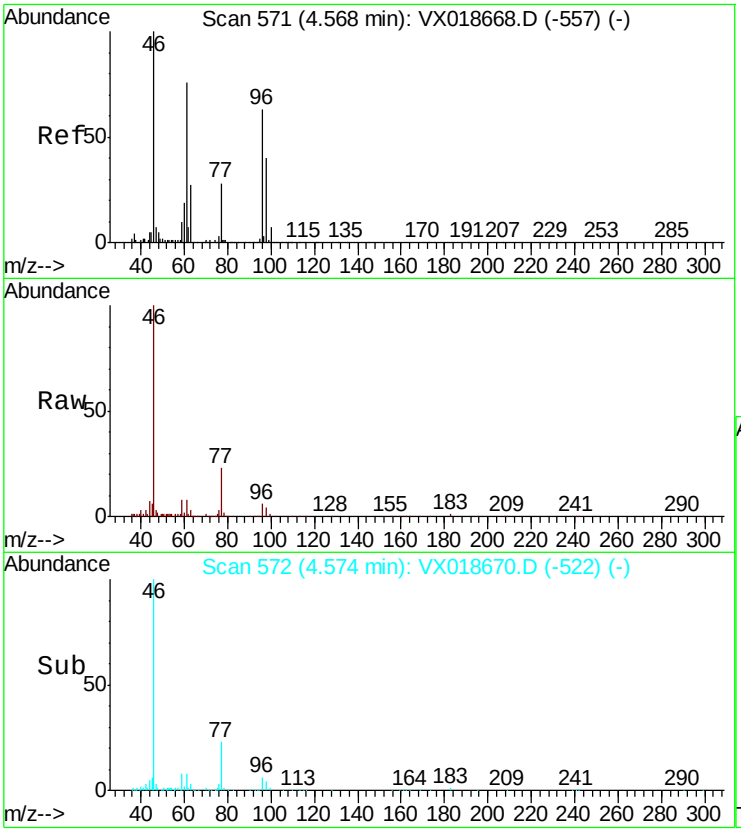


#17
Methyl tert-butyl Ether
Concen: 1.413 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion: 73 Resp: 33894

Ion	Ratio	Lower	Upper
73	100		
43	24.5	18.6	27.8
57	24.5	17.3	25.9



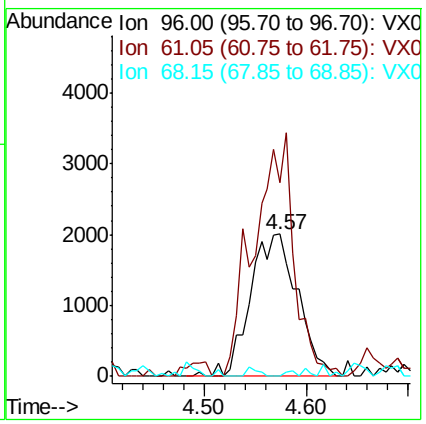


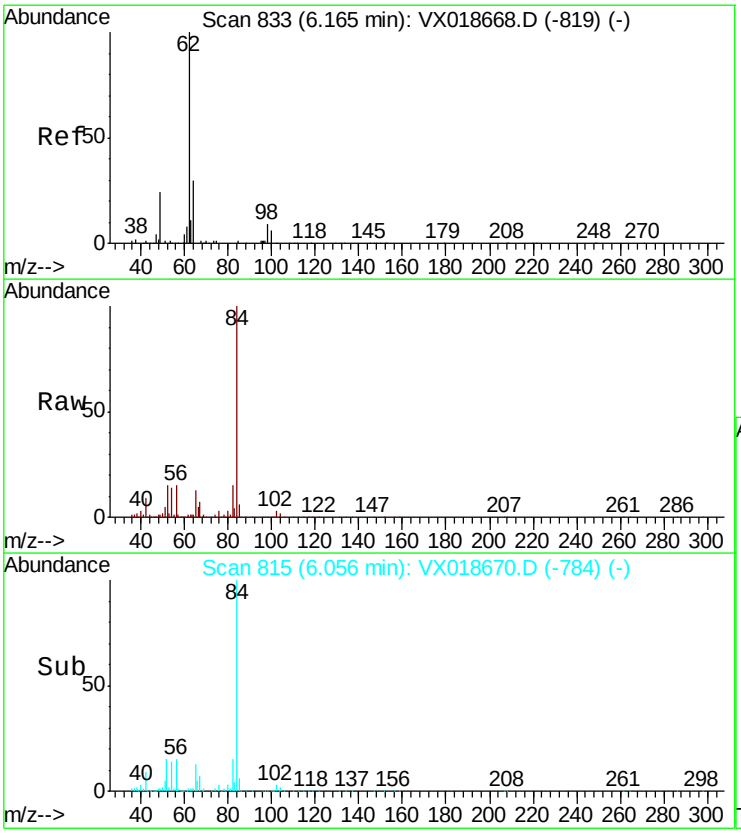
#22
cis-1,2-Dichloroethene
Concen: 0.572 ug/L
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 6436

Ion	Ratio	Lower	Upper
96	100		
61	136.4	87.7	162.9
68	0.0	0.3	0.7#

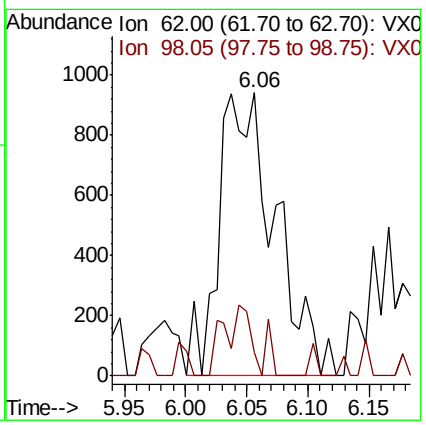


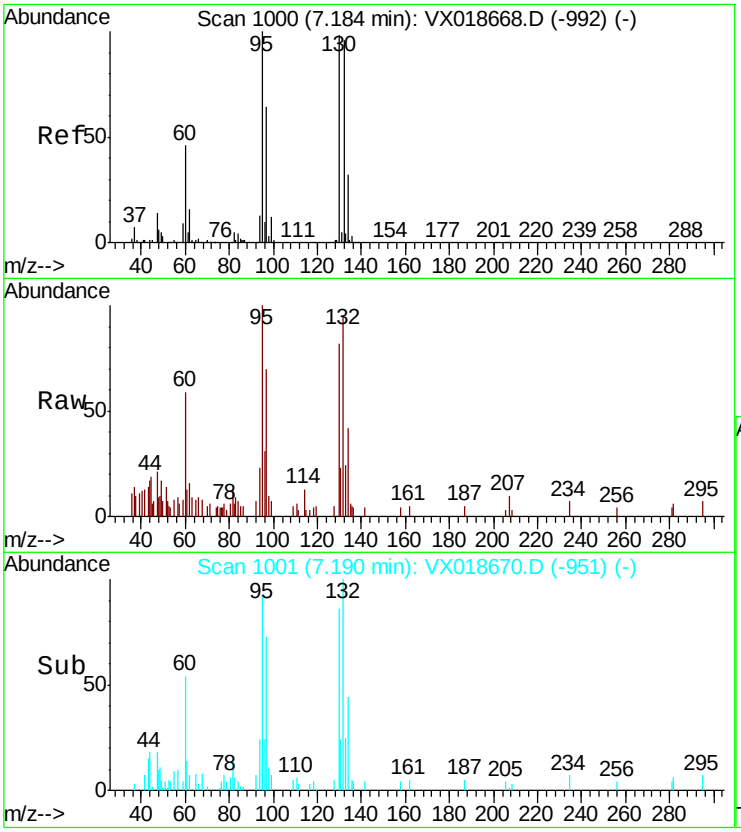


#27
1,2-Dichloroethane
Concen: 0.224 ug/L
RT: 6.06 min Scan# 815
Delta R.T. -0.11 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion: 62 Resp: 2998

Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.0	10.4



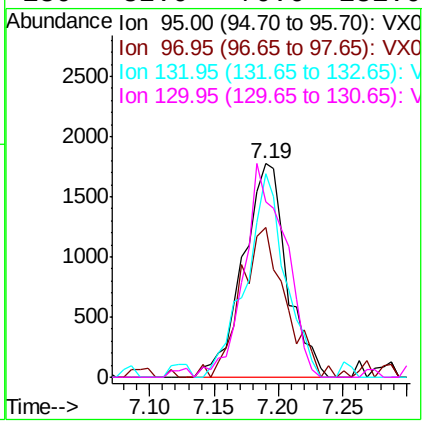


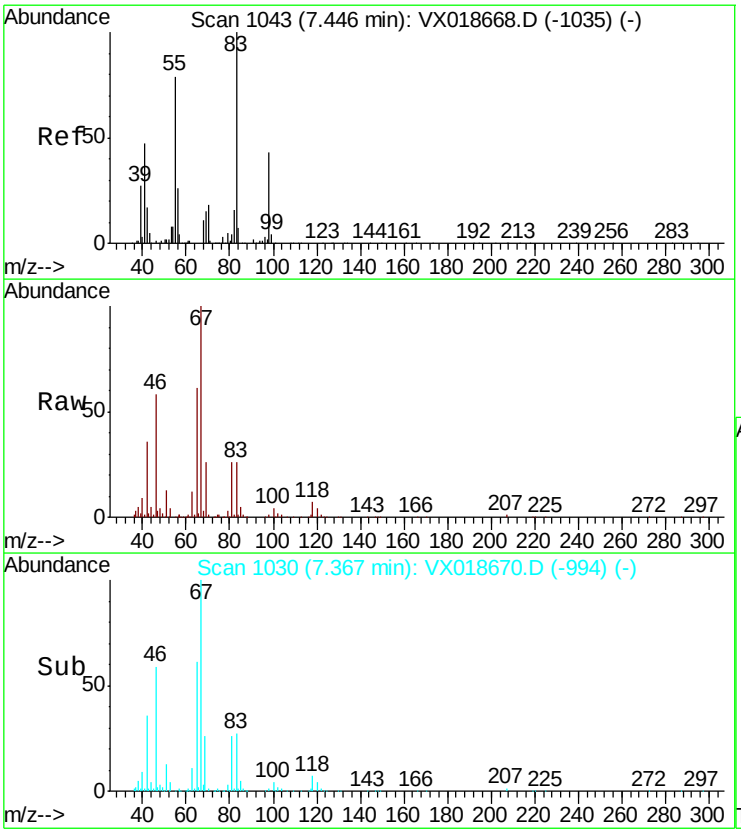
#34
Trichloroethene
Concen: 0.358 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 4168

Ion	Ratio	Lower	Upper
95	100		
97	70.0	40.6	75.4
132	95.5	64.3	119.5
130	82.0	70.6	131.0

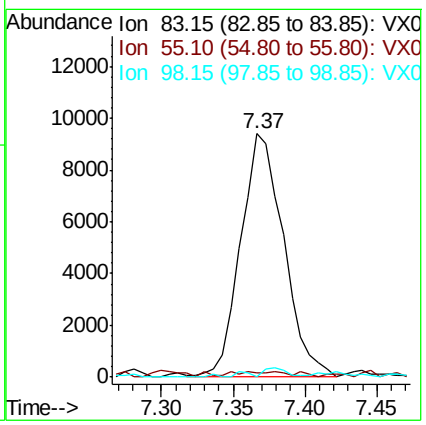


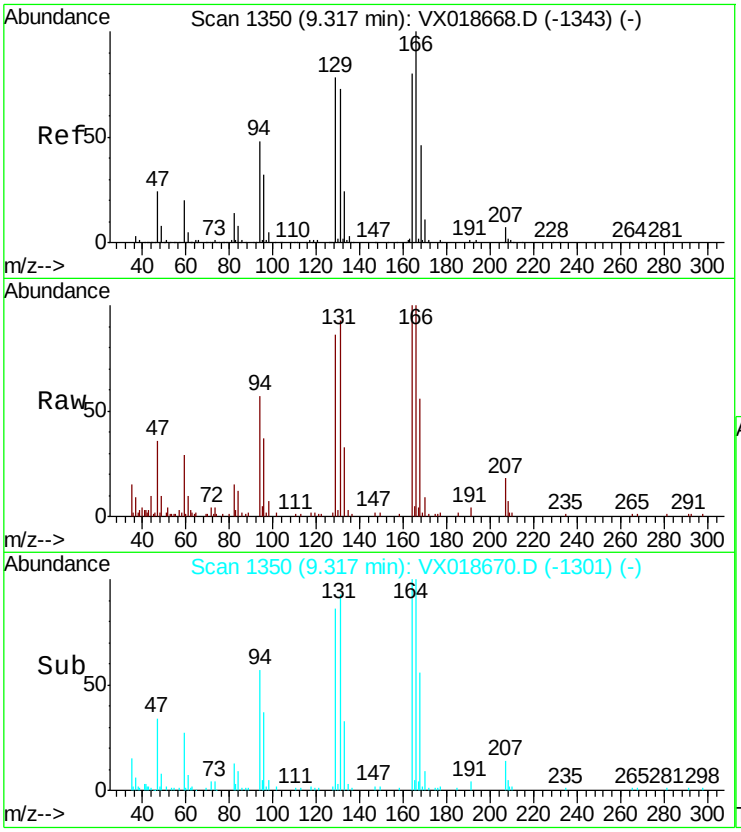


#35
Methylcyclohexane
Concen: 1.203 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.08 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion: 83 Resp: 19479

Ion	Ratio	Lower	Upper
83	100		
55	0.7	67.4	101.0#
98	1.9	41.1	61.7#



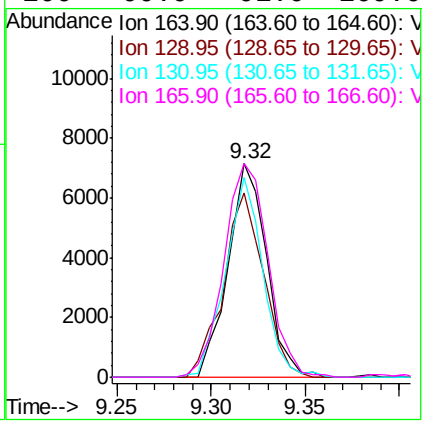


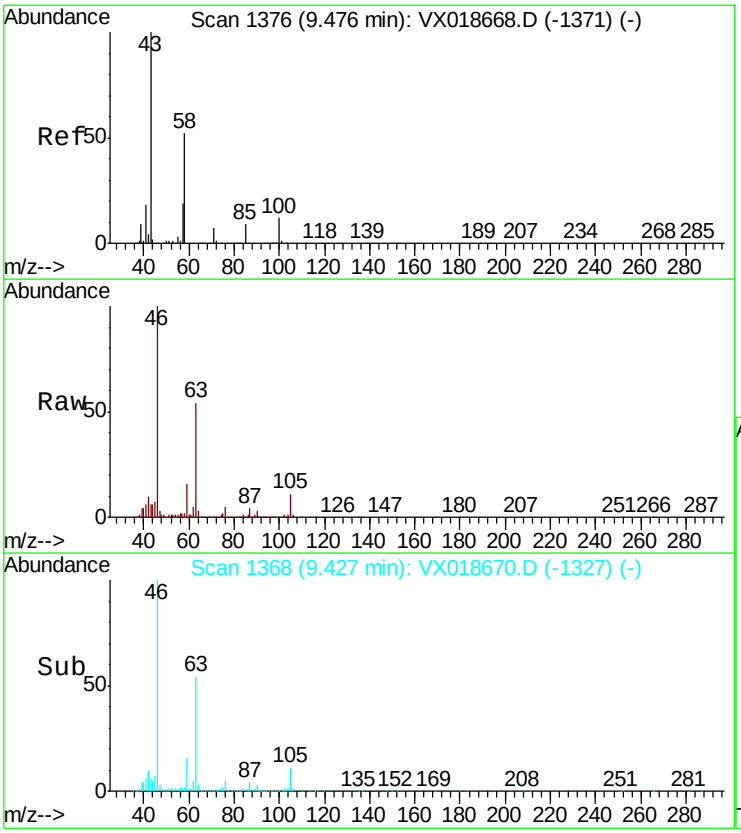
#49
Tetrachloroethene
Concen: 1.104 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 10122

Ion	Ratio	Lower	Upper
164	100		
129	86.1	65.9	122.3
131	93.5	61.4	114.0
166	99.9	91.0	169.0

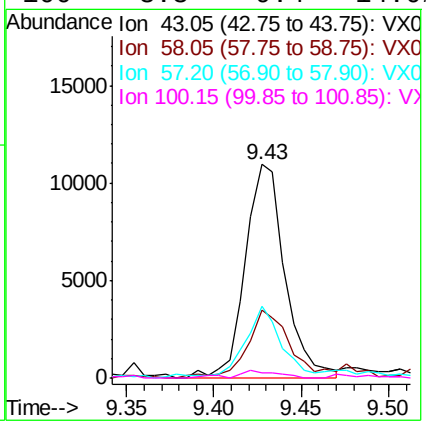


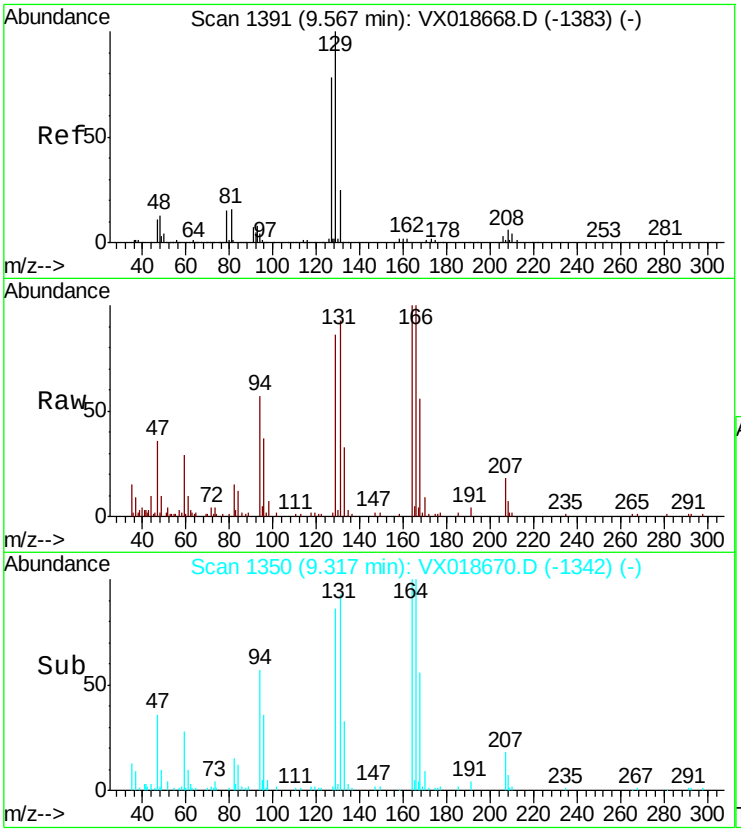


#50
2-Hexanone
Concen: 4.118 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion: 43 Resp: 17345

Ion	Ratio	Lower	Upper
43	100		
58	34.2	42.5	63.7#
57	30.2	15.9	23.9#
100	3.3	9.4	14.0#





#51
Dibromochloromethane
Concen: 0.906 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 9134

Ion	Ratio	Lower	Upper
129	100		
127	1.8	55.0	102.2#