Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018675.D
Acq On : 29 Sep 2020 23:07
Operator : JC/SP
Sample : L4143-17
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Sep 30 07:12:36 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	219839	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	216495	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	95774	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	47218	4.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%			
7) Chloroethane-d5	1.70	69	44651	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.34	63	90375	3.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.20%			
20) 2-Butanone-d5	4.56	46	156951	53.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.00%			
24) Chloroform-d	5.14	84	125565	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	6.03	65	73392	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
32) Benzene-d6	6.05	84	223197	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	7.37	67	72308	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	8.70	98	197294	3.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.40%			
45) trans-1,3-Dichloropropene-	8.99	79	28142	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
48) 2-Hexanone-d5	9.43	63	119749	49.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.76%			
59) 1,1,2,2-Tetrachloroethane-	11.23	84	57408	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
65) 1,2-Dichlorobenzene-d4	12.36	152	77597	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.16	85	1485	0.112	ug/L	91
3) Chloromethane	1.31	50	916	0.081	ug/L #	81
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	57517	5.082	ug/L	99
12) 1,1-Dichloroethene	2.35	96	8448	0.787	ug/L #	1
19) 1,1-Dichloroethane	3.68	63	5639	0.293	ug/L #	83
22) cis-1,2-Dichloroethene	4.56	96	995	0.089	ug/L #	75
27) 1,2-Dichloroethane	6.04	62	1710	0.129	ug/L	98
35) Methylcyclohexane	7.37	83	18238	1.086	ug/L #	17
37) 1,2-Dichloropropane	7.37	63	9461	0.849	ug/L #	87
49) Tetrachloroethene	9.32	164	4896	0.515	ug/L	93
50) 2-Hexanone	9.43	43	18990	4.346	ug/L #	70
51) Dibromochloromethane	9.32	129	4414	0.422	ug/L #	10

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

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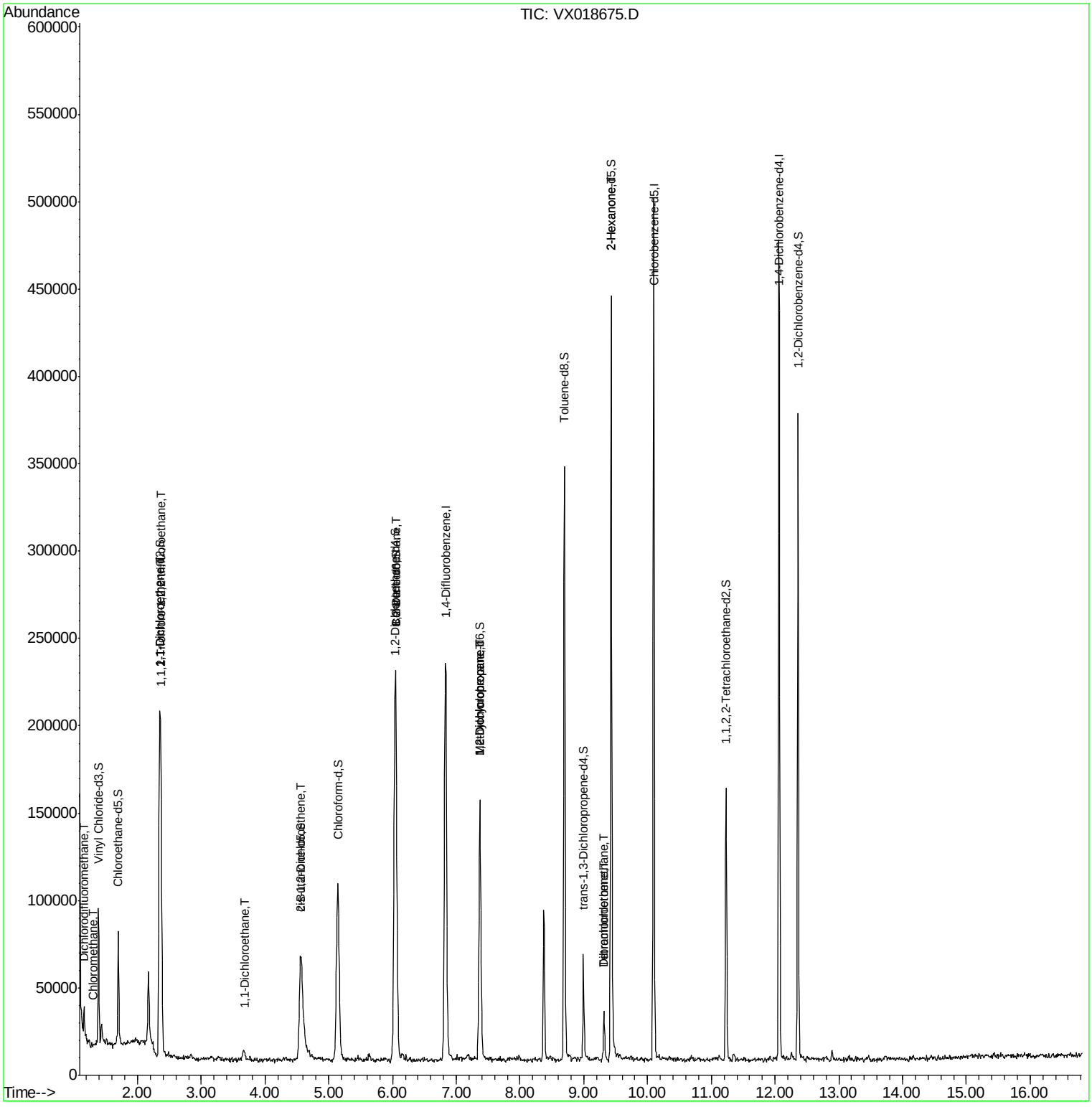
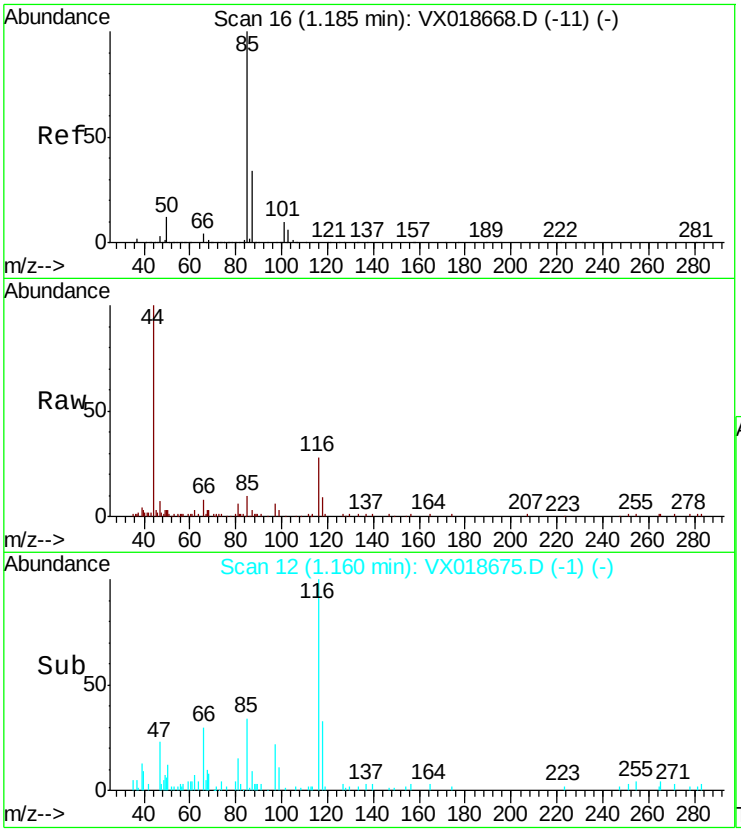
Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 30 07:12:36 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

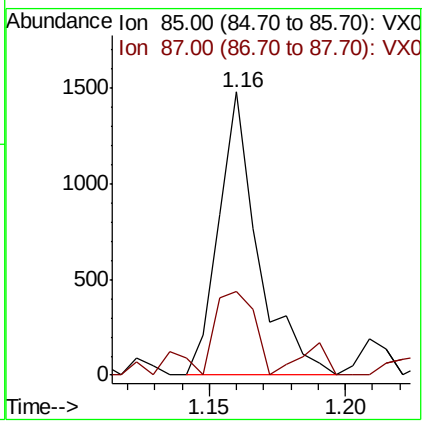




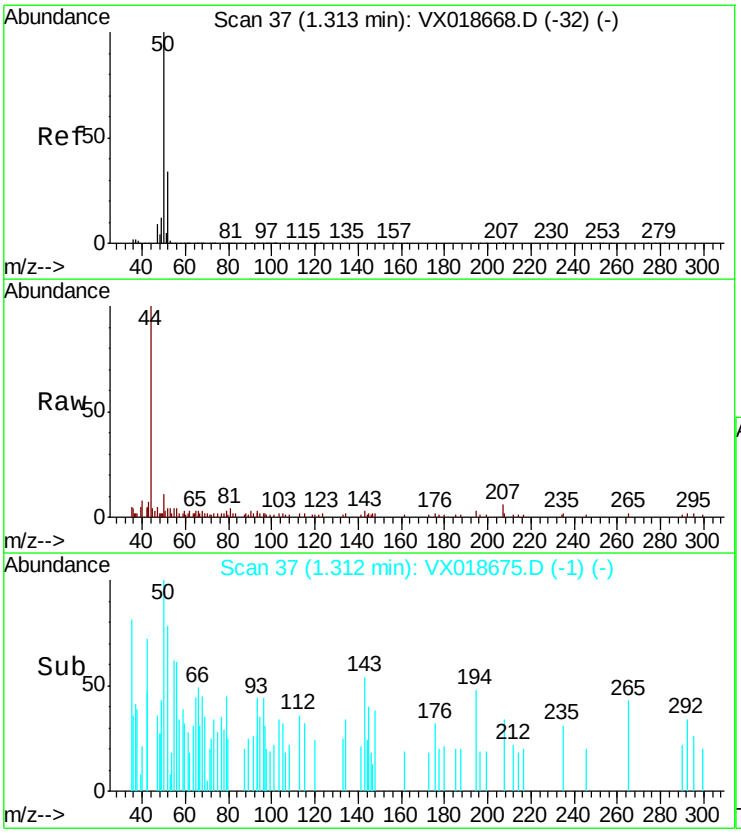
#2
Dichlorodifluoromethane
Concen: 0.112 ug/L
RT: 1.16 min Scan# 12
Delta R.T. -0.02 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Tgt Ion: 85 Resp: 1485

Ion	Ratio	Lower	Upper
85	100		
87	37.8	26.1	39.1



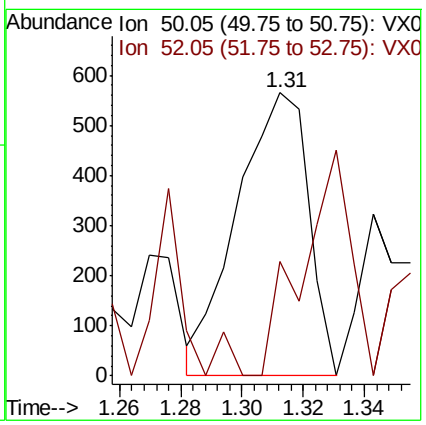
Instrument :
MSVOA_X
ClientSampleId :

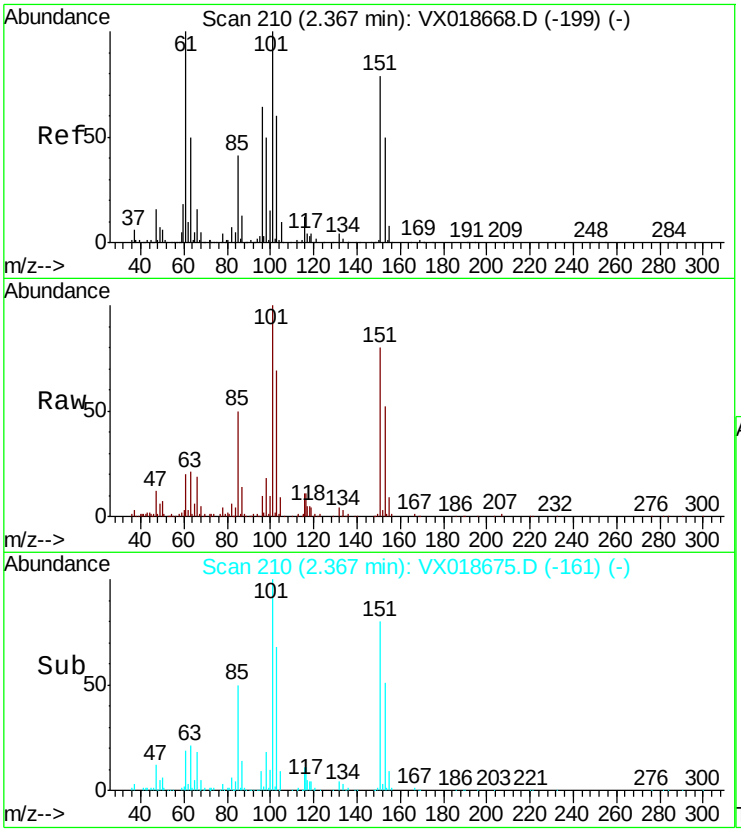


#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Tgt Ion: 50 Resp: 916

Ion	Ratio	Lower	Upper
50	100		
52	40.5	21.2	39.4#



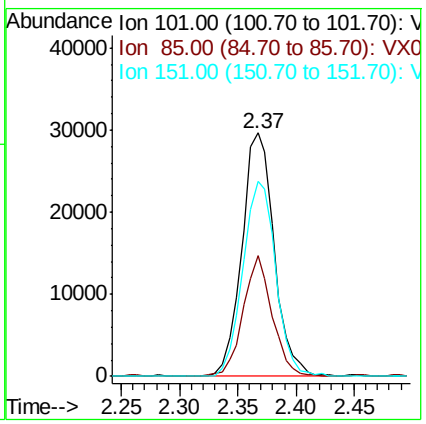


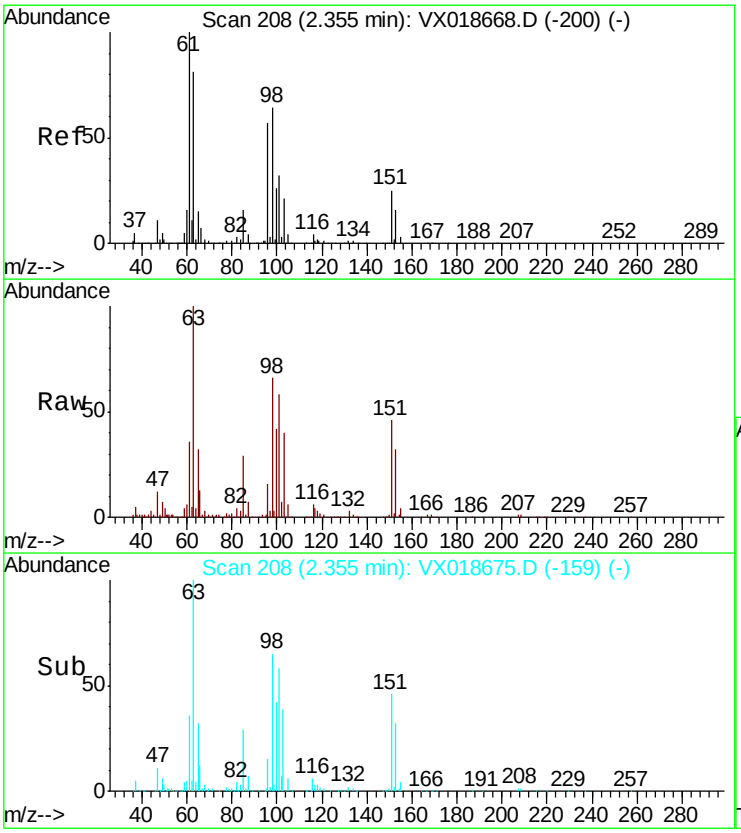
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.082 ug/L
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 57517

Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.1	54.1
151	81.3	65.5	98.3

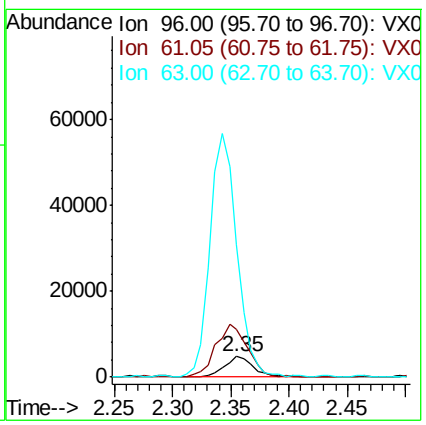


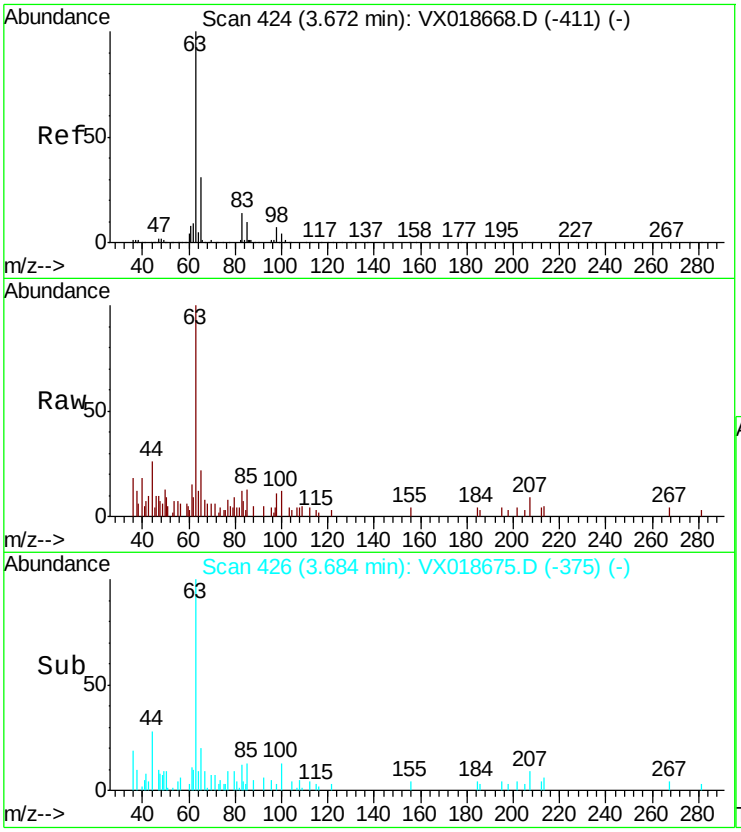


#12
1,1-Dichloroethene
Concen: 0.787 ug/L
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Tgt Ion: 96 Resp: 8448

Ion	Ratio	Lower	Upper
96	100		
61	230.3	123.8	229.8#
63	643.5	104.7	194.4#



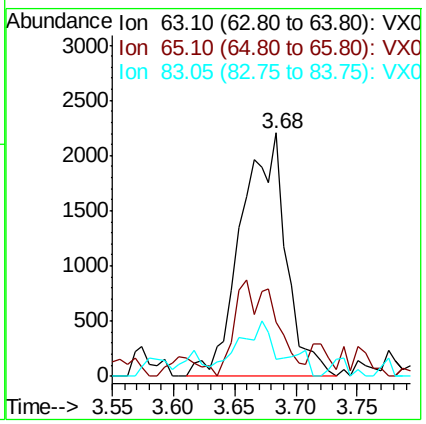


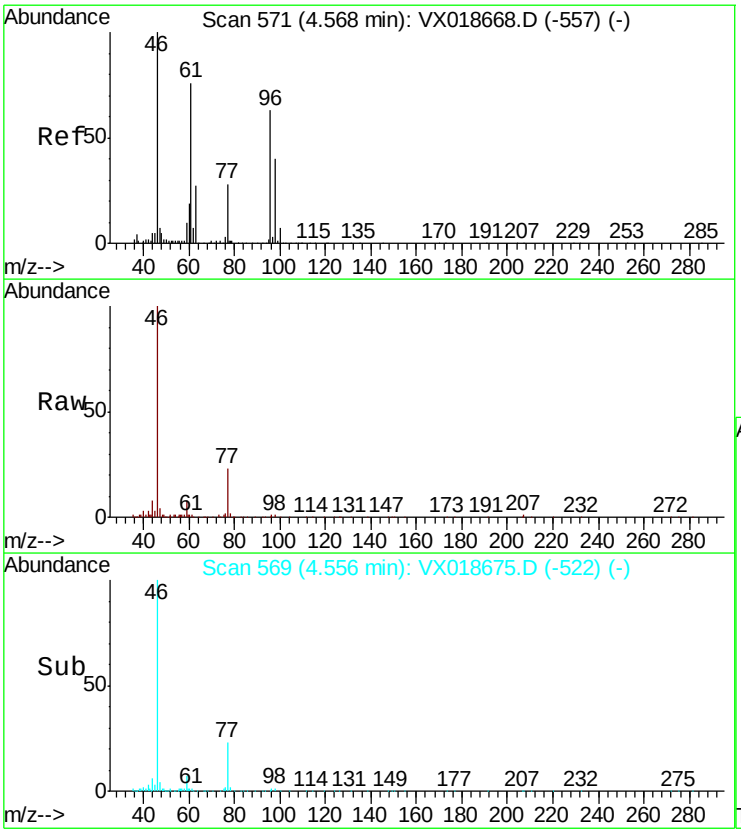
#19
1,1-Dichloroethane
Concen: 0.293 ug/L
RT: 3.68 min Scan# 426
Delta R.T. 0.01 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 5639

Ion	Ratio	Lower	Upper
63	100		
65	22.2	22.7	42.1#
83	7.2	9.3	17.3#

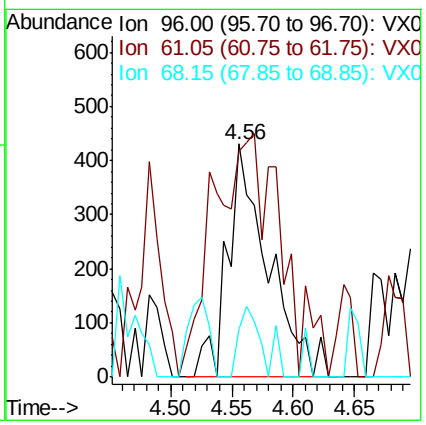


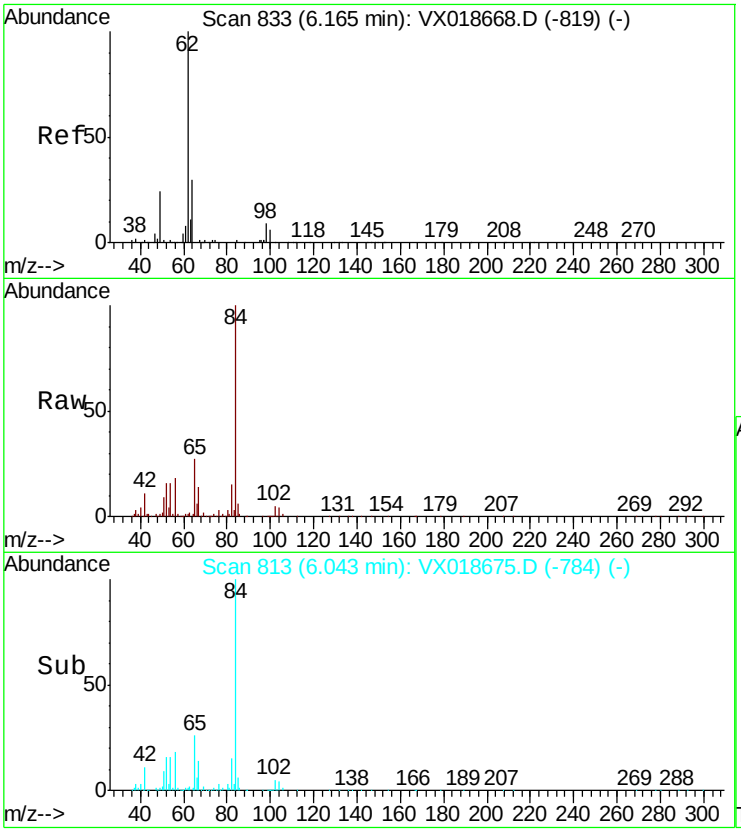


#22
cis-1,2-Dichloroethene
Concen: 0.089 ug/L
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Tgt Ion: 96 Resp: 995

Ion	Ratio	Lower	Upper
96	100		
61	96.5	87.7	162.9
68	20.2	0.3	0.7#



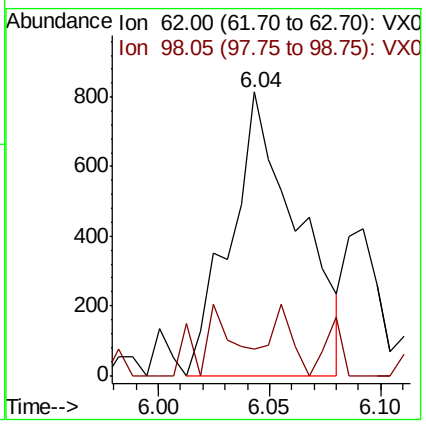


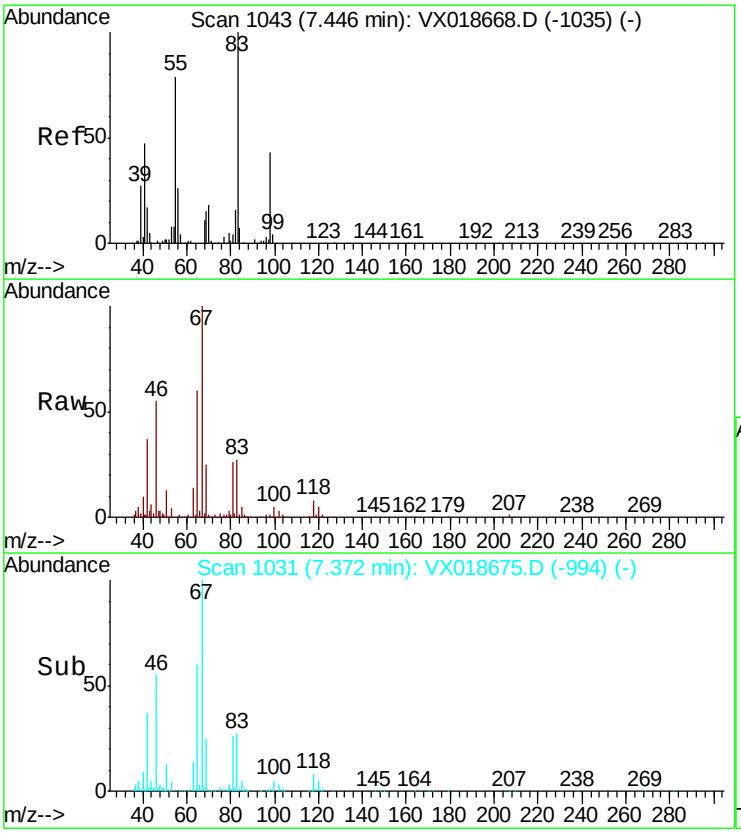
#27
1,2-Dichloroethane
Concen: 0.129 ug/L
RT: 6.04 min Scan# 813
Delta R.T. -0.12 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 1710

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.0	10.4

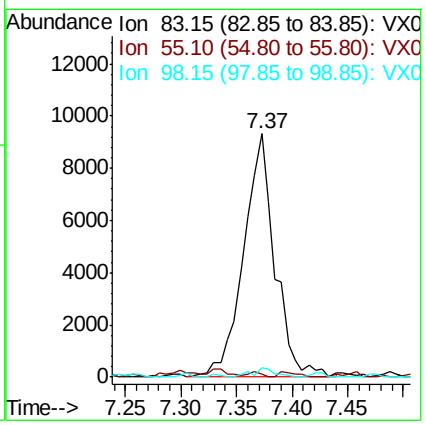


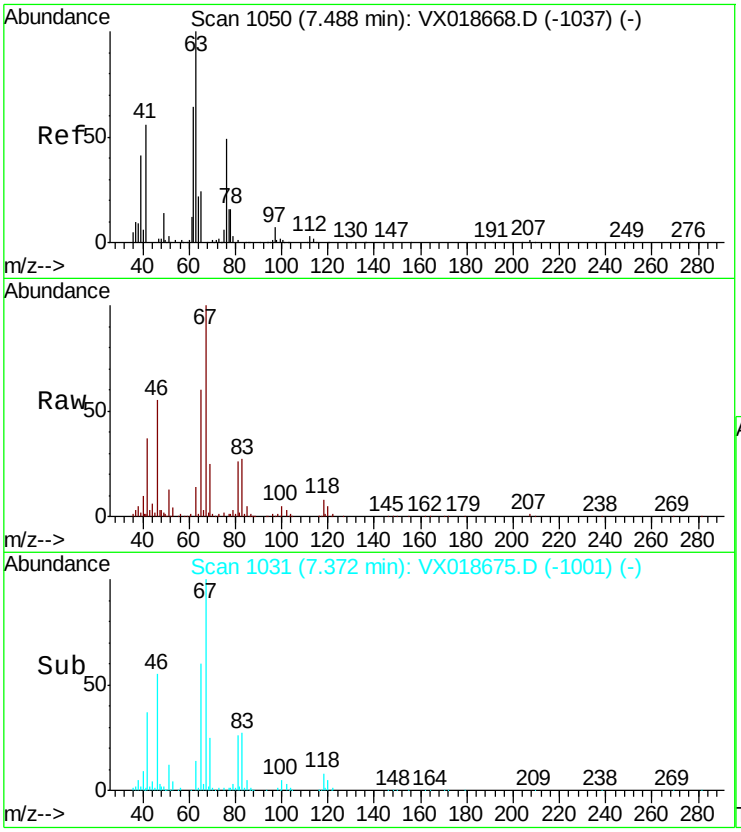


#35
Methylcyclohexane
Concen: 1.086 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Tgt Ion: 83 Resp: 18238

Ion	Ratio	Lower	Upper
83	100		
55	0.9	67.4	101.0#
98	2.6	41.1	61.7#



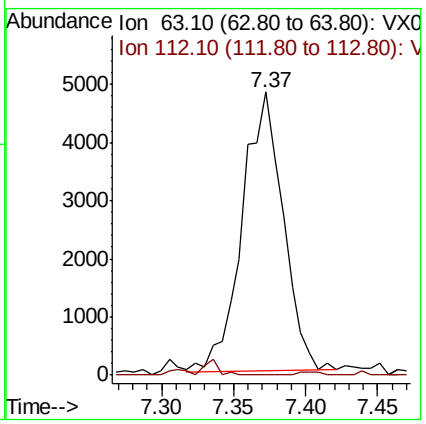


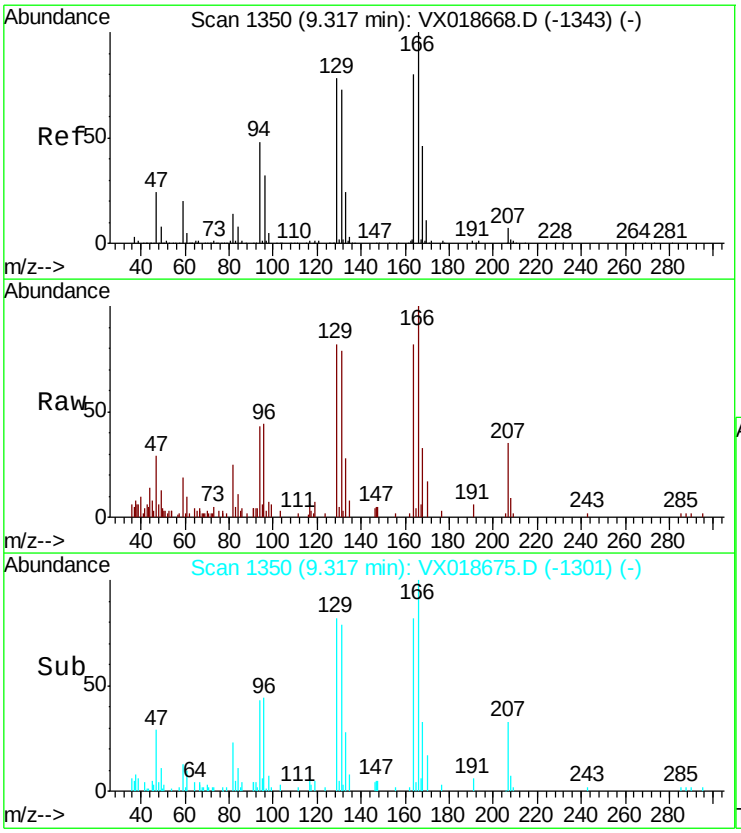
#37
1,2-Dichloropropane
Concen: 0.849 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 9461

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.1	6.1#

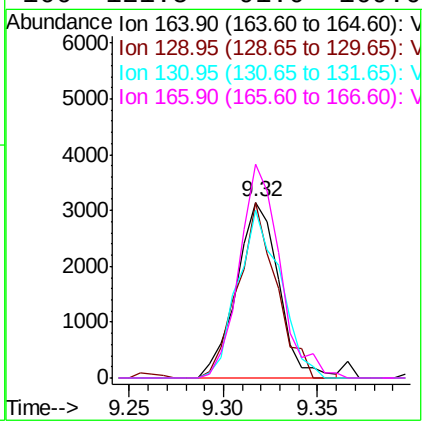


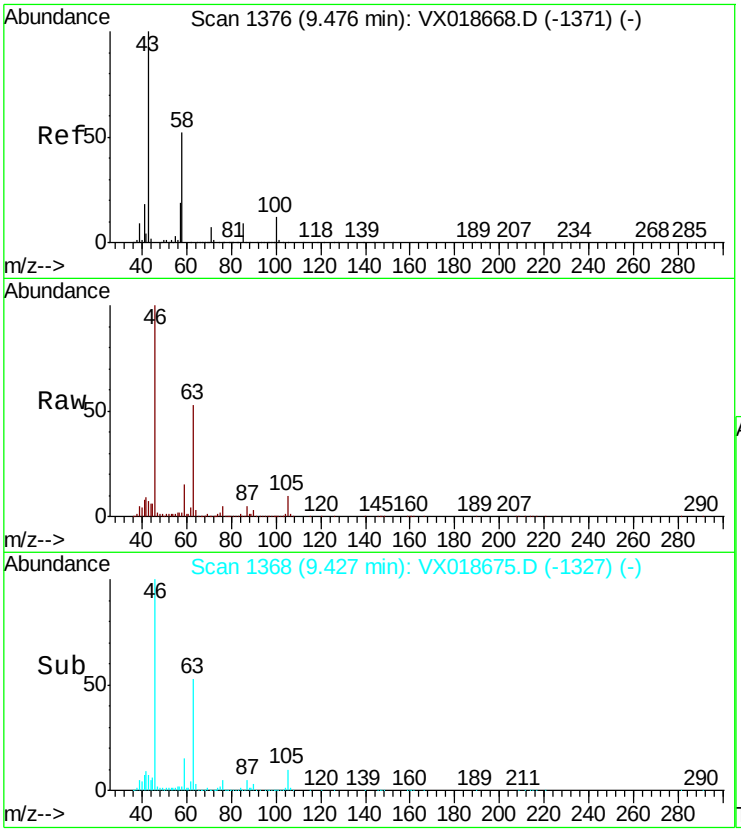


#49
Tetrachloroethene
Concen: 0.515 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Tgt Ion:164 Resp: 4896

Ion	Ratio	Lower	Upper
164	100		
129	100.0	65.9	122.3
131	95.7	61.4	114.0
166	121.5	91.0	169.0



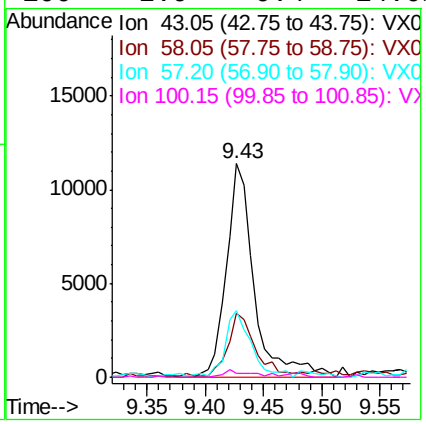


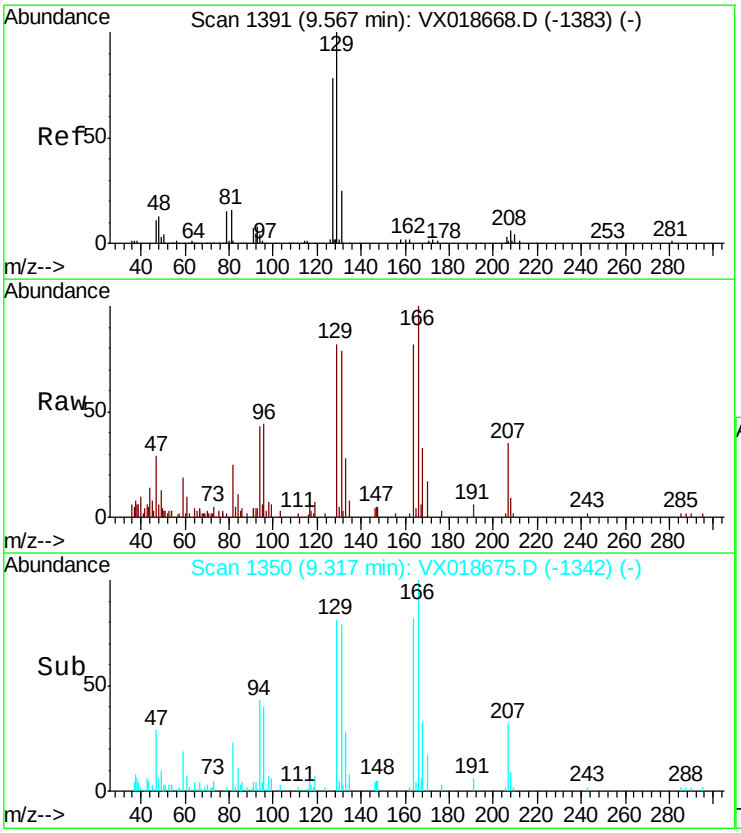
#50
2-Hexanone
Concen: 4.346 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.05 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 18990

Ion	Ratio	Lower	Upper
43	100		
58	28.2	42.5	63.7#
57	28.8	15.9	23.9#
100	2.9	9.4	14.0#





#51
Dibromochloromethane
Concen: 0.422 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX018675.D
Acq: 29 Sep 2020 23:07

Tgt Ion:129 Resp: 4414

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.0	102.2#