Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015711.D
Acq On : 25 Apr 2020 22:07
Operator : SY/MD
Sample : L2413-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 27 01:18:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57409	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	65743	9.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 199.60%#			
7) Chloroethane-d5	1.58	69	28618	4.51	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.20%			
11) 1,1-Dichloroethene-d2	2.12	63	60982	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.60%			
20) 2-Butanone-d5	3.93	46	115040	54.40	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.80%			
24) Chloroform-d	4.38	84	69589	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.06	65	40672	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
32) Benzene-d6	5.08	84	132063	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.09	67	42871	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.34	98	118851	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	7.65	79	10911	3.03	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 60.60%			
46) 2-Hexanone-d5	8.11	63	75375	42.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.84%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32095	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	46871	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	38874	4.163	ug/L #	43
5) Vinyl chloride	1.32	62	5186554	519.981	ug/L	97
8) Chloroethane	1.40	64	69723	10.643	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1598	0.202	ug/L	88
12) 1,1-Dichloroethene	2.13	96	30790	4.197	ug/L	96
14) Carbon disulfide	2.32	76	1636	0.079	ug/L #	88
17) Methyl tert-butyl Ether	2.79	73	4906	0.238	ug/L	94
18) trans-1,2-Dichloroethene	2.78	96	134921	16.427	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	18642602	2052.867	ug/L #	82
27) 1,2-Dichloroethane	5.18	62	485	0.043	ug/L #	78
34) Trichloroethene	5.94	95	15849	1.645	ug/L	95
35) Methylcyclohexane	6.10	83	10727	0.725	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5280	0.595	ug/L #	86
47) Tetrachloroethene	8.00	164	17309	2.495	ug/L	94
48) 2-Hexanone	8.11	43	10715	2.611	ug/L #	79
49) Dibromochloromethane	8.00	129	16916	2.704	ug/L #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015711.D
Acq On : 25 Apr 2020 22:07
Operator : SY/MD
Sample : L2413-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 27 01:18:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015711.D
Acq On : 25 Apr 2020 22:07
Operator : SY/MD
Sample : L2413-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 27 01:18:35 2020
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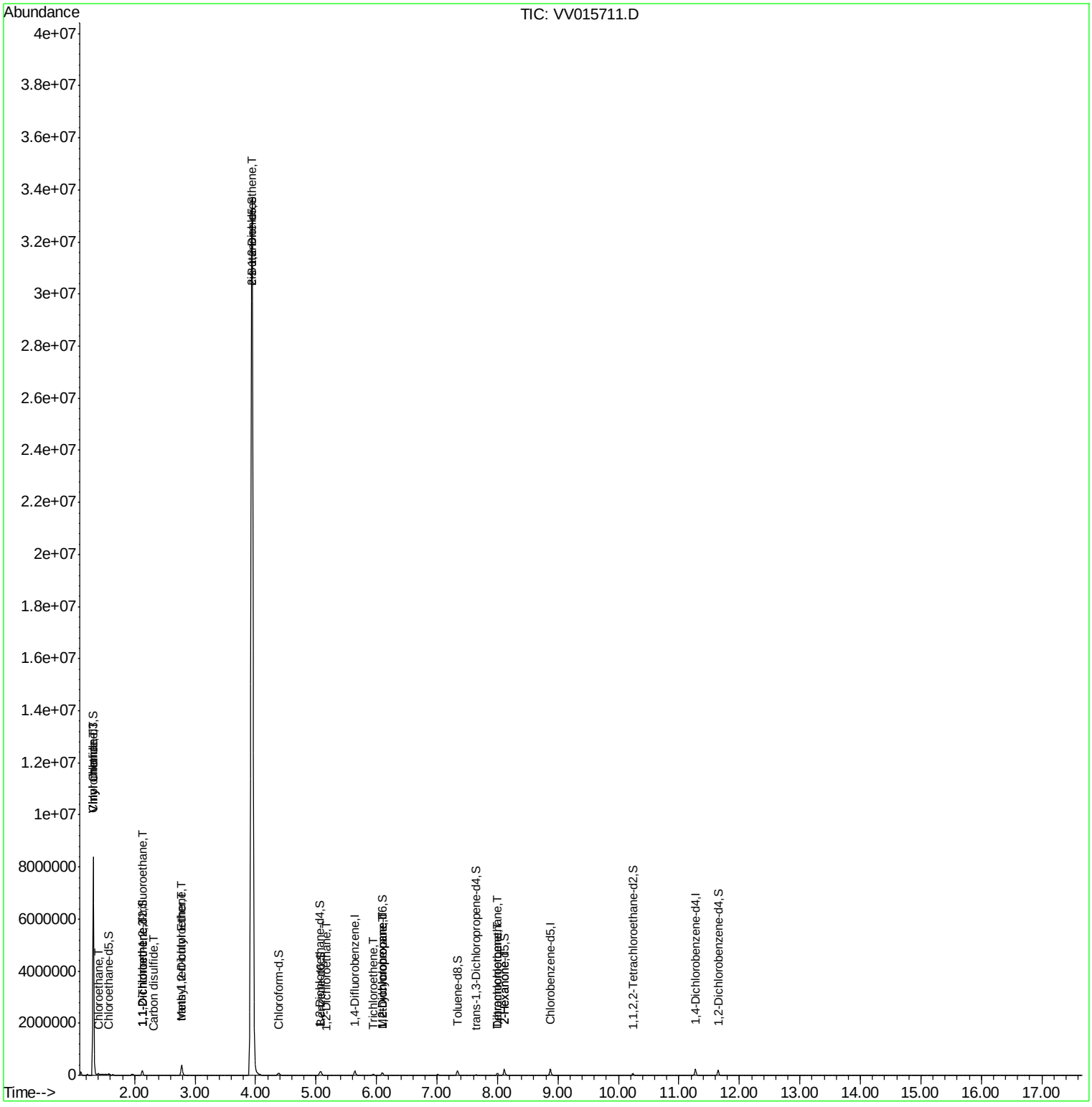
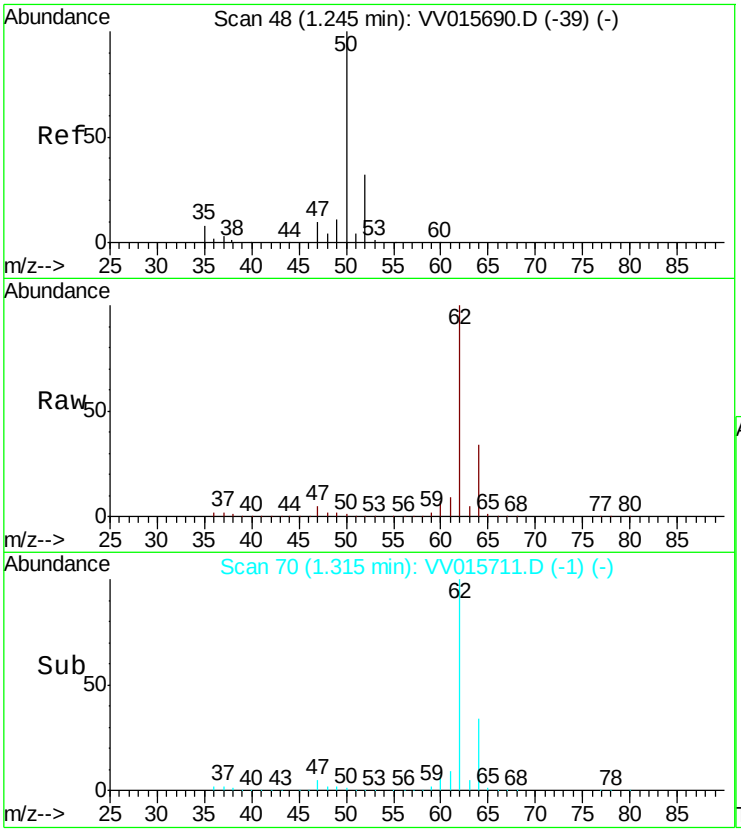
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration



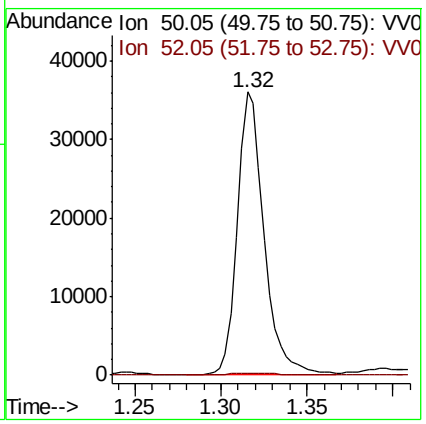


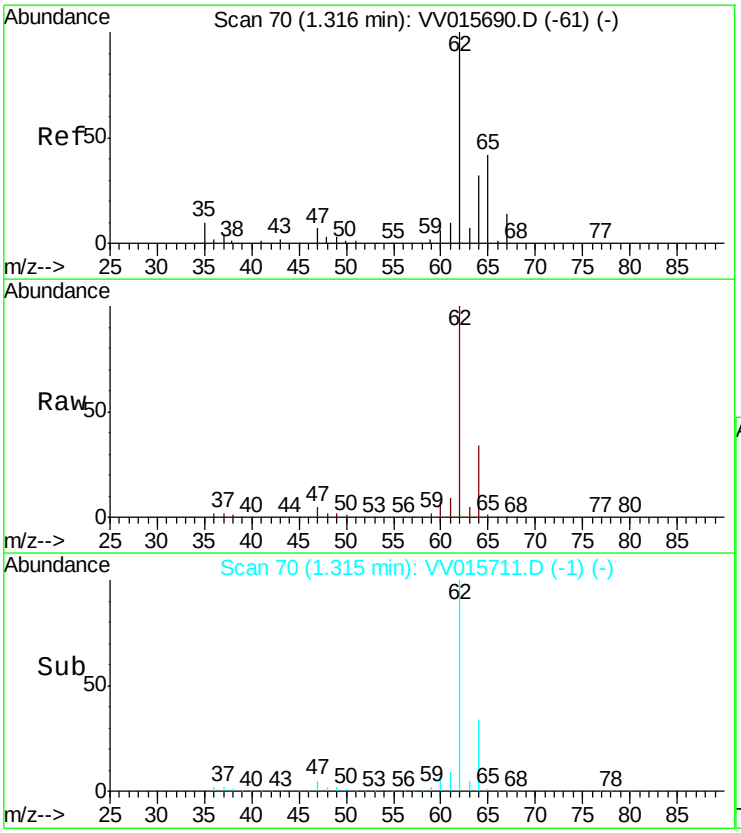
#3
Chloromethane
Concen: 4.163 ug/L
RT: 1.32 min Scan# 70
Delta R.T. 0.07 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 38874

Ion	Ratio	Lower	Upper
50	100		
52	0.8	22.9	42.5#

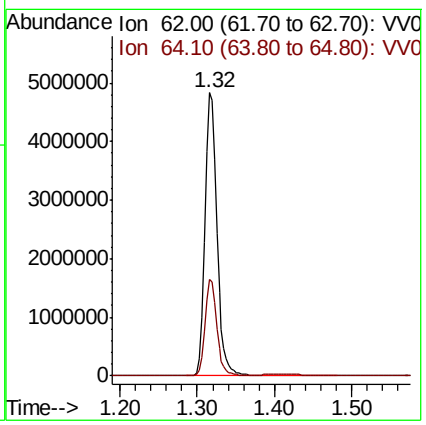


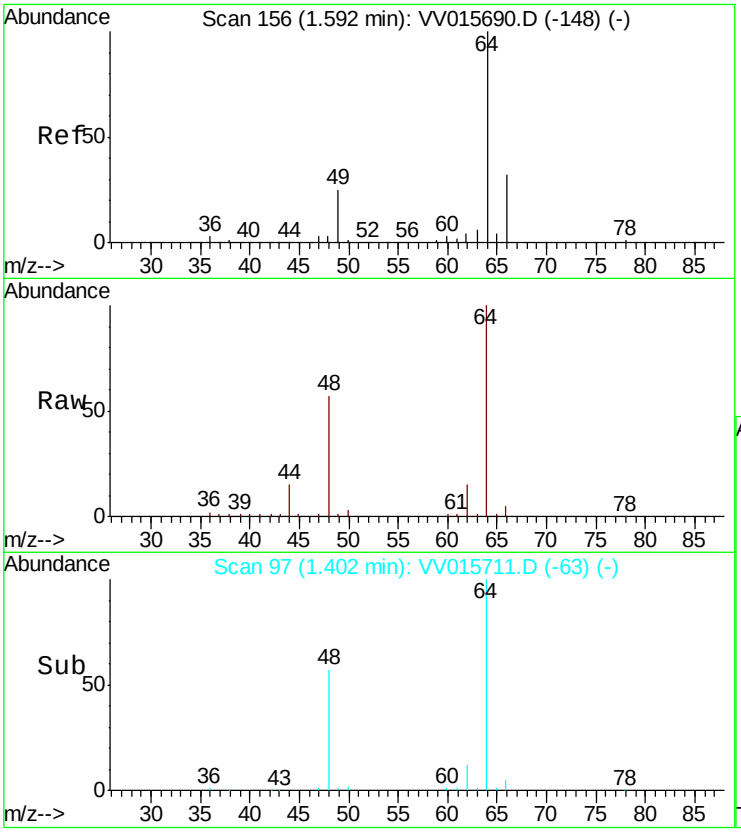


#5
Vinyl chloride
Concen: 519.981 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion: 62 Resp: 5186554

Ion	Ratio	Lower	Upper
62	100		
64	34.3	22.7	42.1



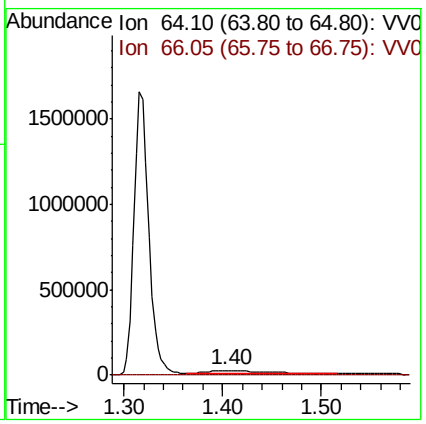


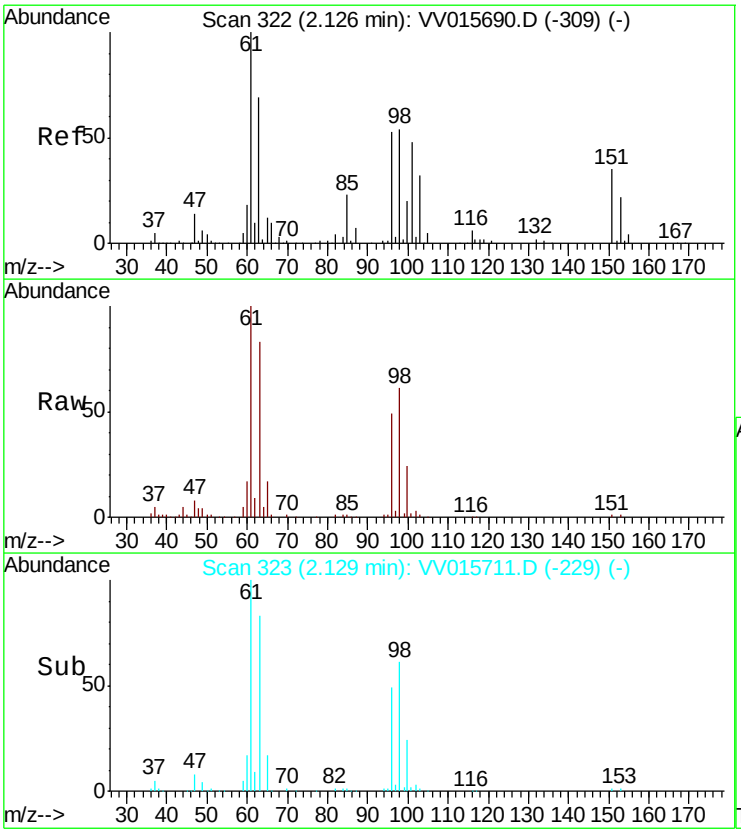
#8
Chloroethane
Concen: 10.643 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.19 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 69723

Ion	Ratio	Lower	Upper
64	100		
66	4.8	22.3	41.5#

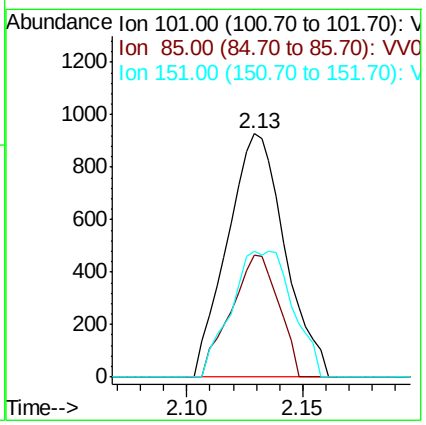


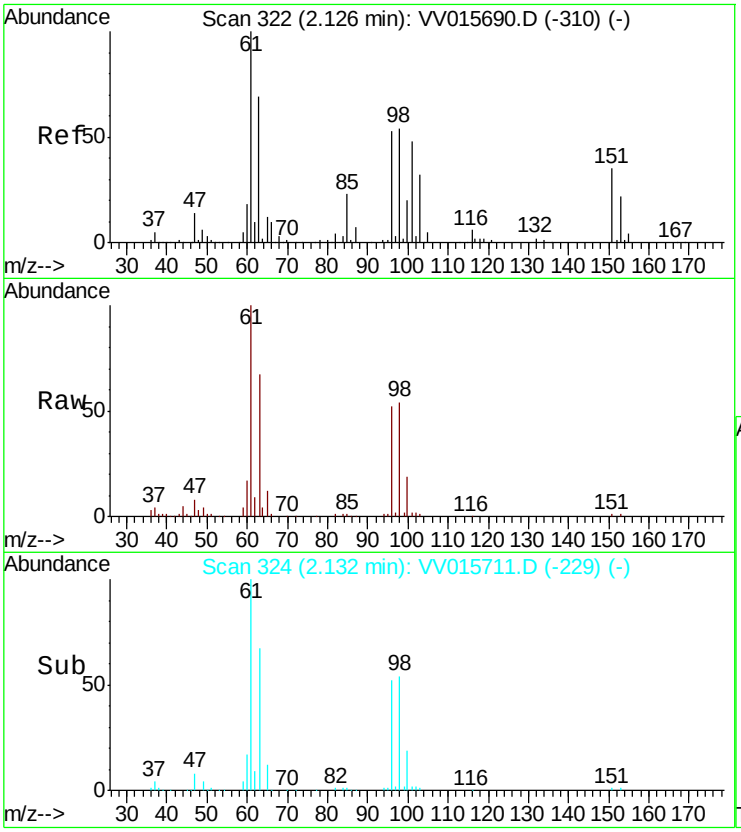


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.202 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion:101 Resp: 1598

Ion	Ratio	Lower	Upper
101	100		
85	41.3	36.1	54.1
151	55.3	55.2	82.8



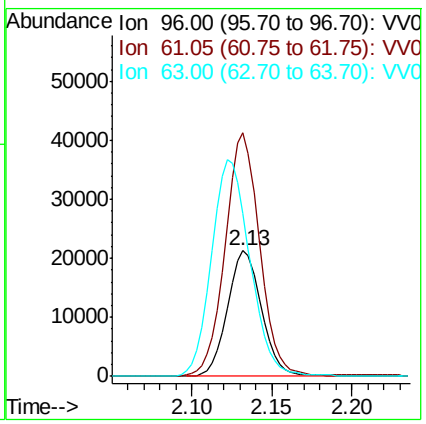


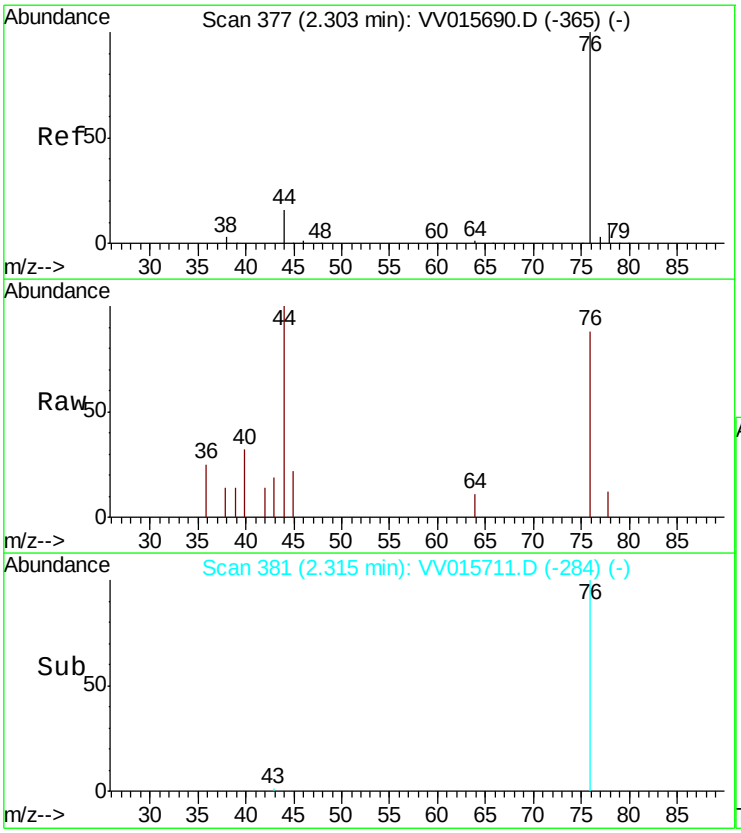
#12
1,1-Dichloroethene
Concen: 4.197 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.01 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 30790

Ion	Ratio	Lower	Upper
96	100		
61	194.2	130.1	241.7
63	129.8	91.4	169.8

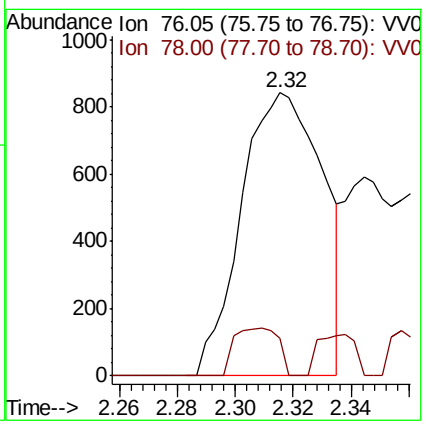


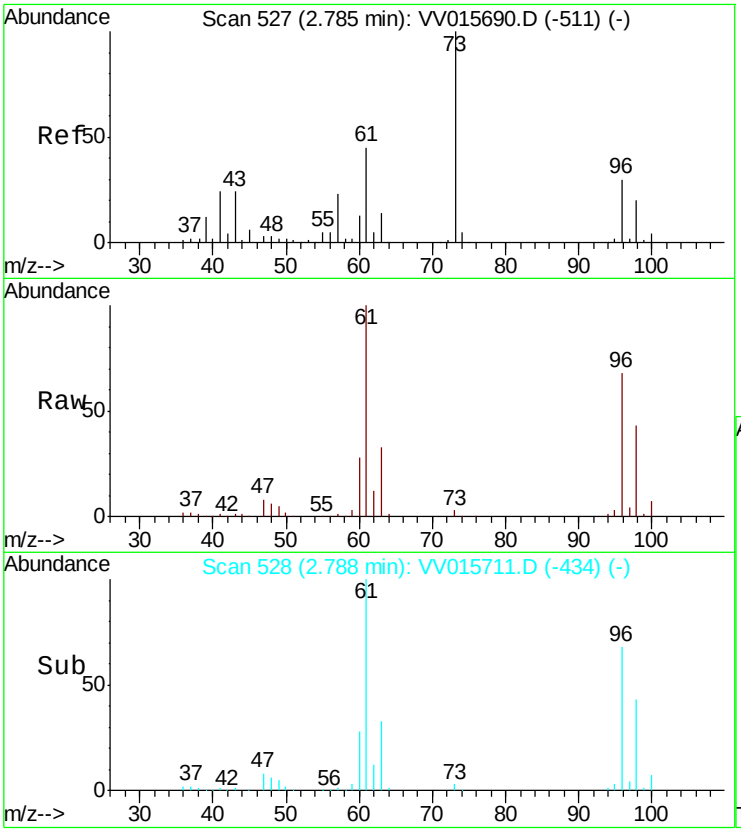


#14
Carbon disulfide
Concen: 0.079 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion: 76 Resp: 1636

Ion	Ratio	Lower	Upper
76	100		
78	13.4	7.4	11.0#



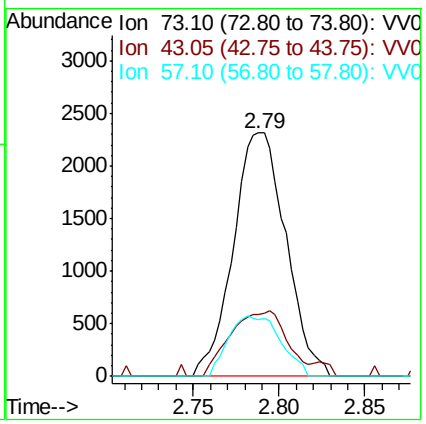


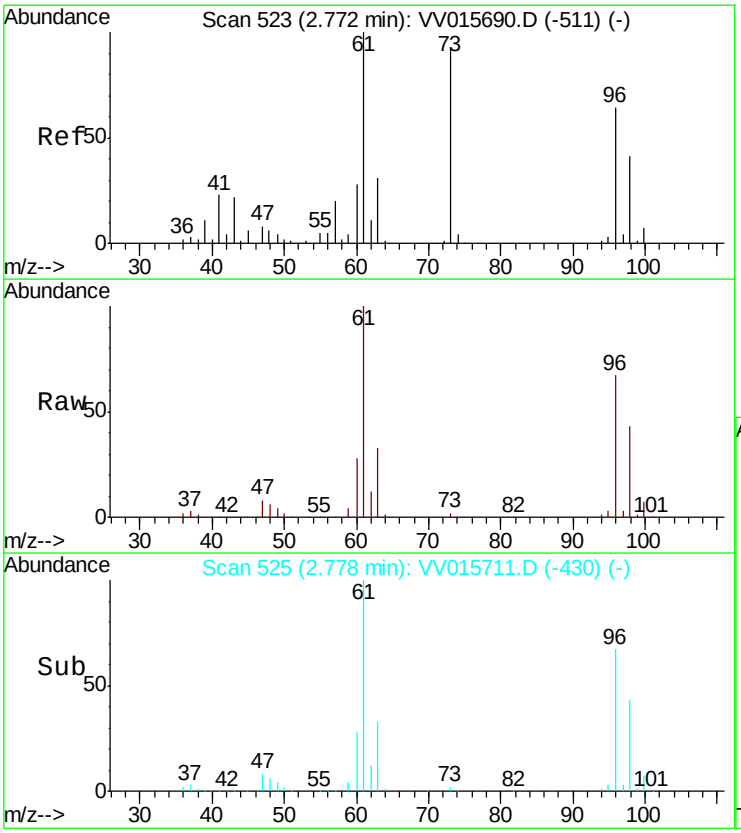
#17
Methyl tert-butyl Ether
Concen: 0.238 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 4906

Ion	Ratio	Lower	Upper
73	100		
43	28.9	20.1	30.1
57	24.7	17.8	26.8

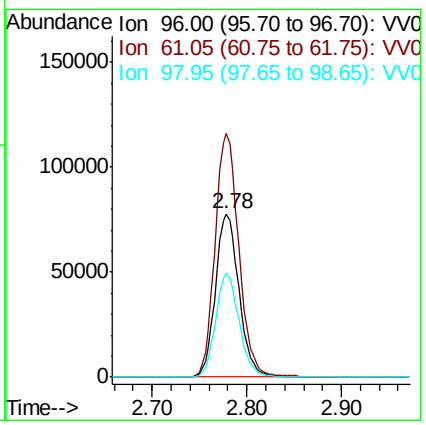


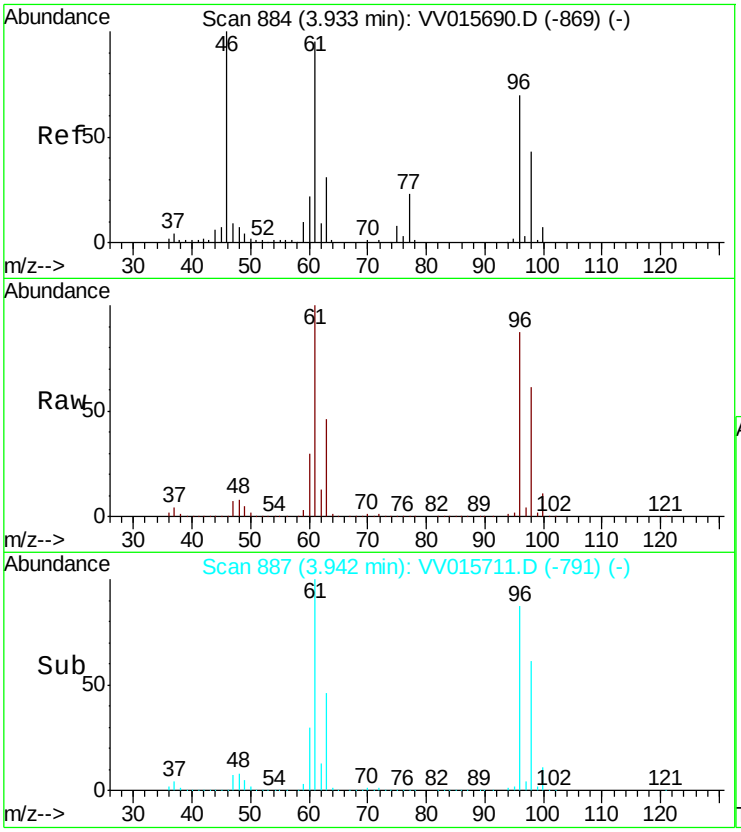


#18
trans-1,2-Dichloroethene
Concen: 16.427 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion: 96 Resp: 134921

Ion	Ratio	Lower	Upper
96	100		
61	149.0	105.5	195.9
98	63.5	44.2	82.0



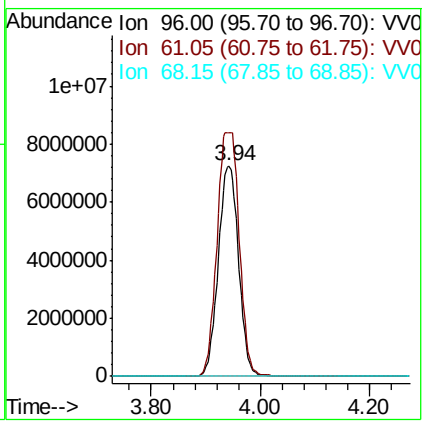


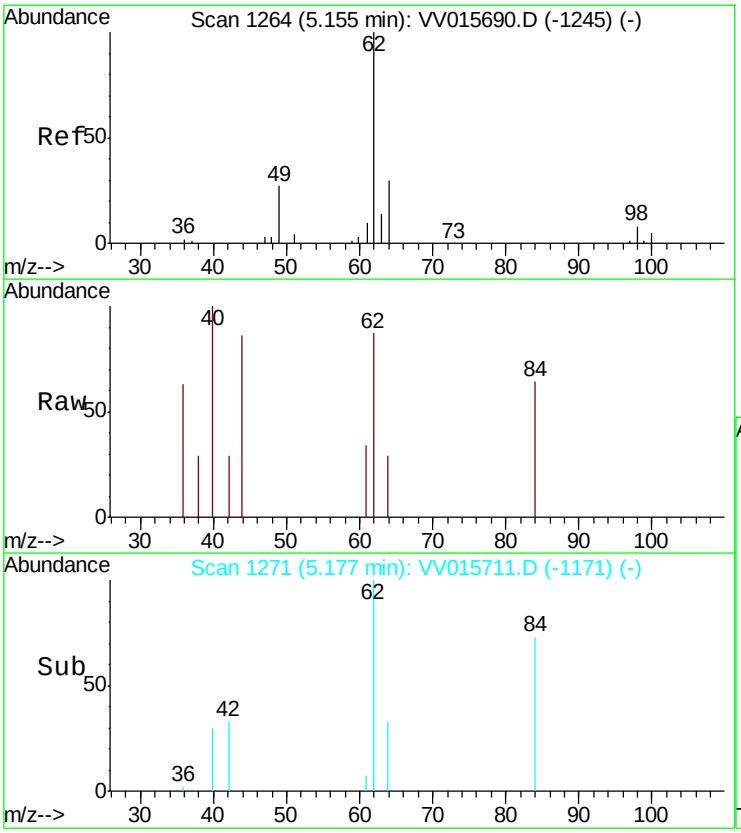
#22
cis-1,2-Dichloroethene
Concen: 2052.867 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp:18642602

Ion	Ratio	Lower	Upper
96	100		
61	115.4	96.4	179.0
68	0.0	0.0	0.0#

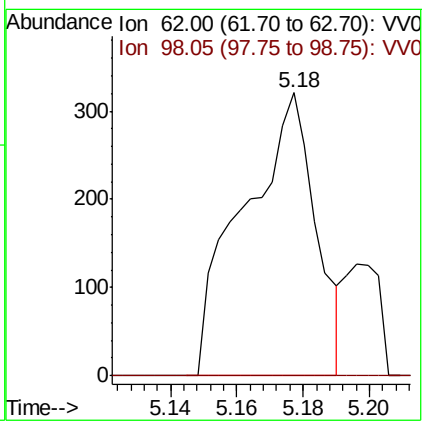


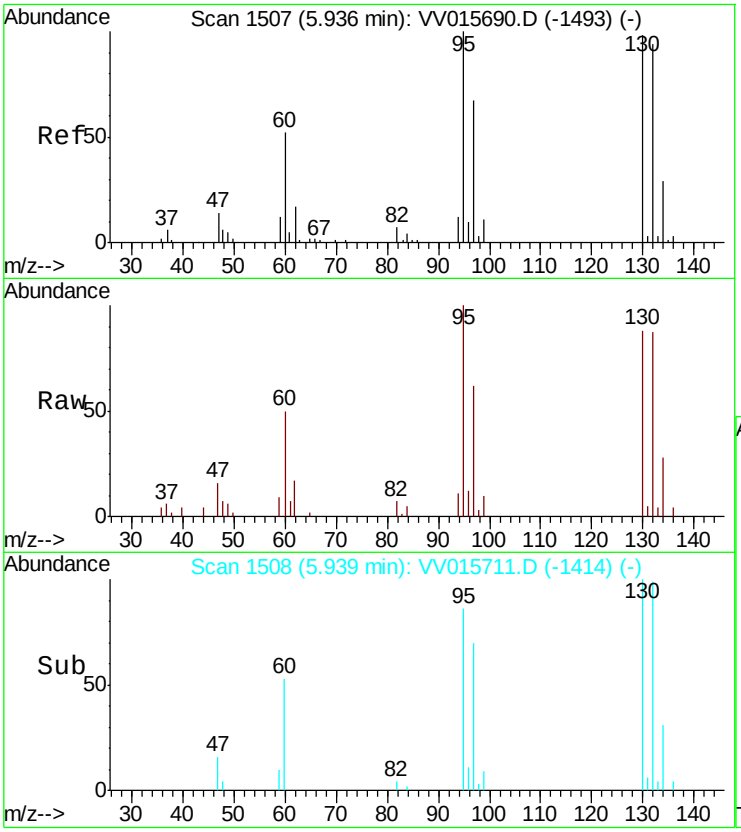


#27
1,2-Dichloroethane
Concen: 0.043 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.02 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion: 62 Resp: 485

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#



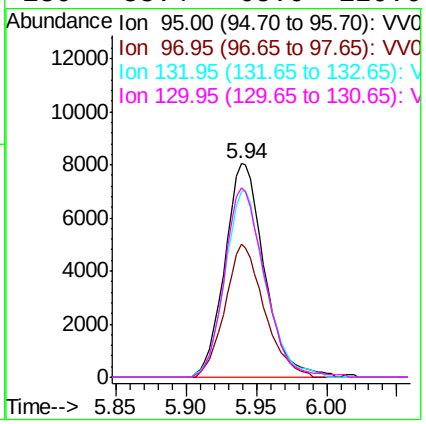


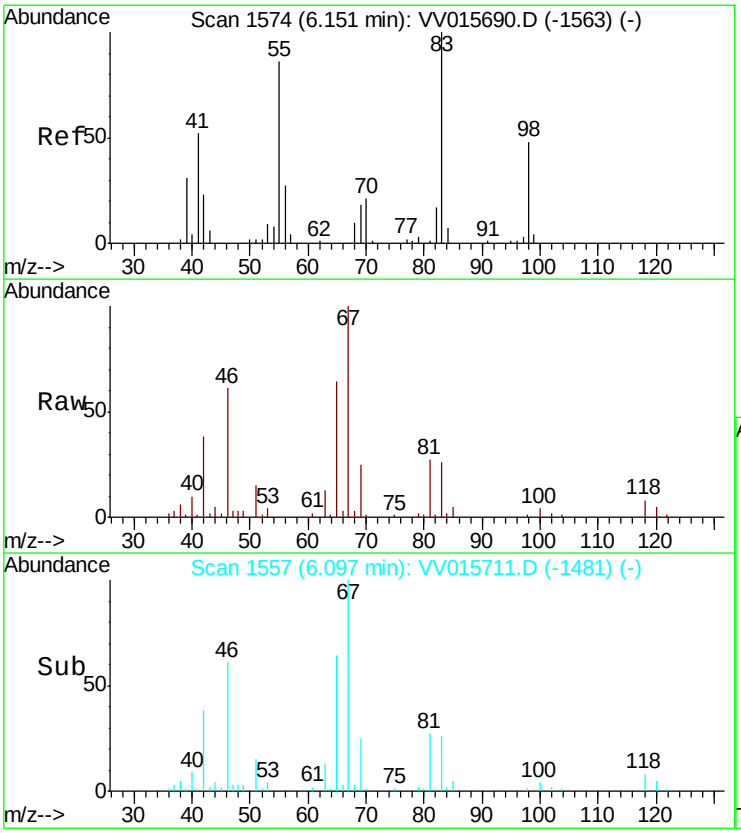
#34
Trichloroethene
Concen: 1.645 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 15849

Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.7	82.9
132	87.1	65.2	121.0
130	88.4	65.0	120.6

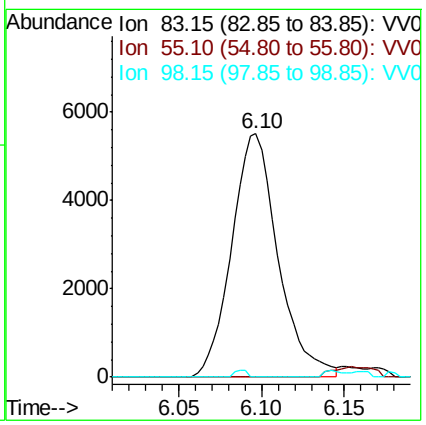


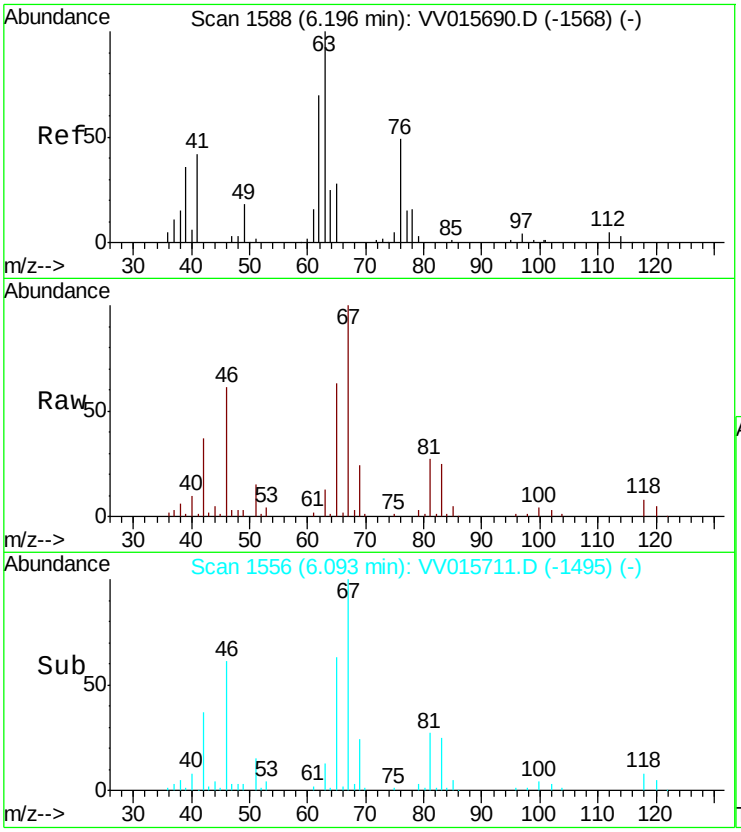


#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion: 83 Resp: 10727

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.6	99.8#
98	0.8	39.5	59.3#



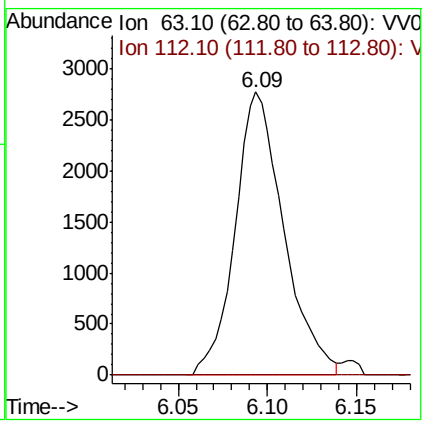


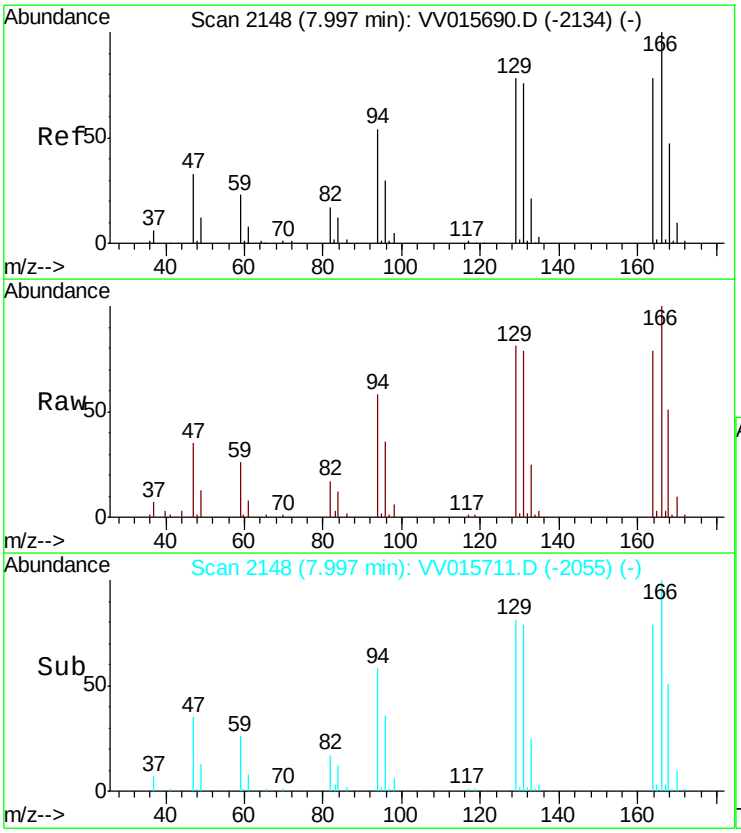
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 5280

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

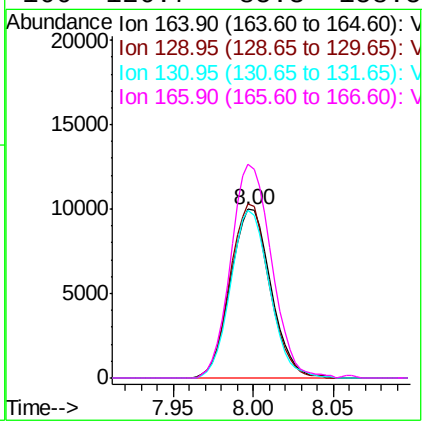


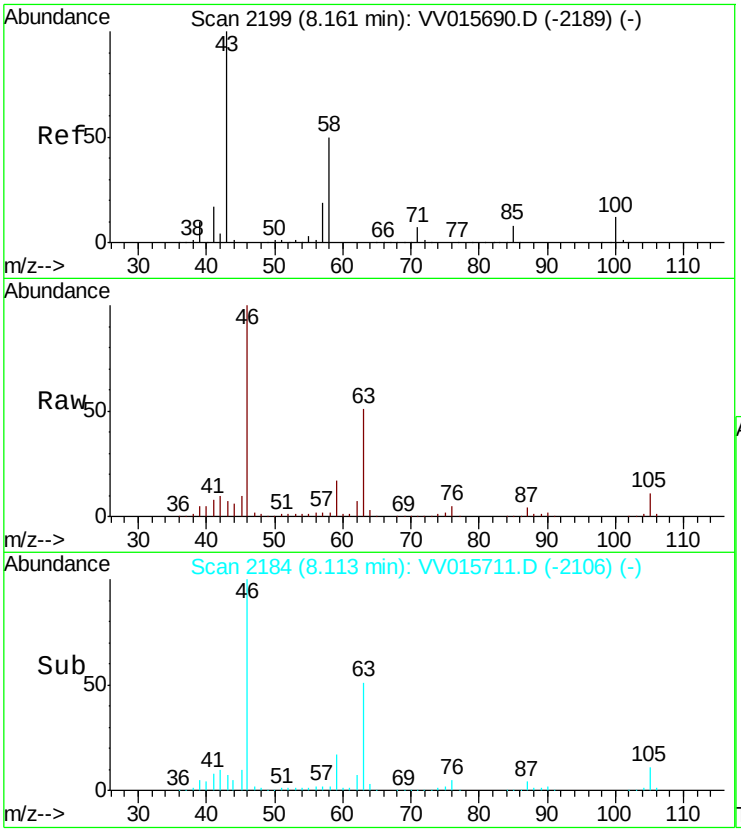


#47
Tetrachloroethene
Concen: 2.495 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion:164 Resp: 17309

Ion	Ratio	Lower	Upper
164	100		
129	103.0	66.7	123.9
131	99.8	66.6	123.6
166	126.7	85.3	158.5



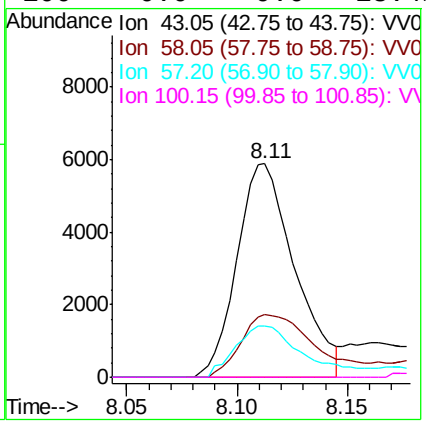


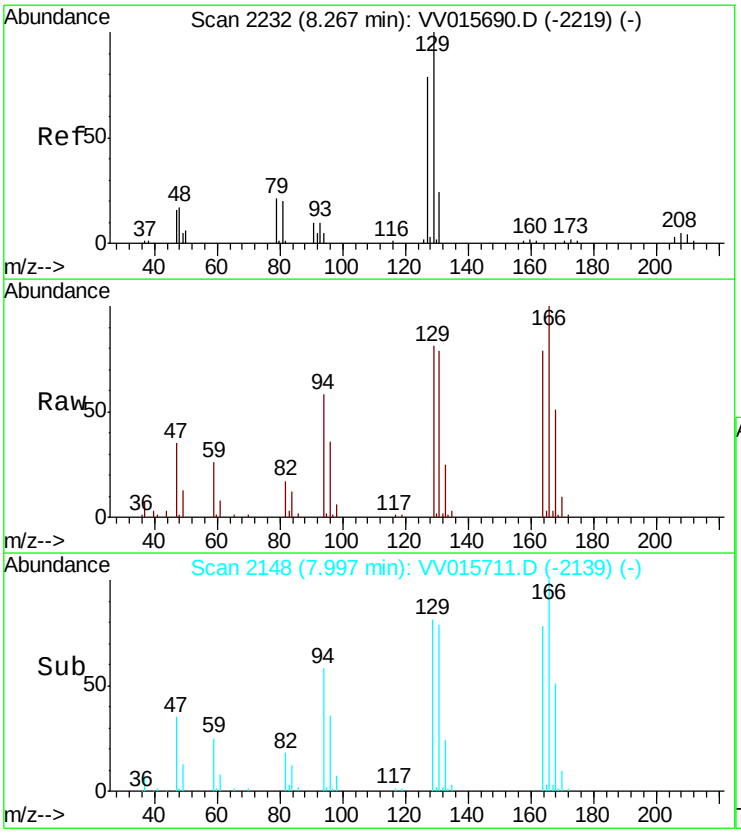
#48
2-Hexanone
Concen: 2.611 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 10715

Ion	Ratio	Lower	Upper
43	100		
58	38.3	41.1	61.7#
57	28.5	15.0	22.4#
100	0.0	9.0	13.4#





#49
Dibromochloromethane
Concen: 2.704 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion:129 Resp: 16916

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#