Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015707.D
Acq On : 25 Apr 2020 20:34
Operator : SY/MD
Sample : L2413-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 27 01:17:53 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	127273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57692	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	100379	15.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 301.80%#			
7) Chloroethane-d5	1.58	69	29499	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.13	63	74703	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.60%			
20) 2-Butanone-d5	3.94	46	124632	58.36	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.72%			
24) Chloroform-d	4.38	84	74216	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.06	65	42703	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.08	84	137639	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.09	67	45476	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.34	98	125808	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	7.65	79	11373	3.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 62.20%			
46) 2-Hexanone-d5	8.11	63	80744	45.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.54%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33811	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.65	152	47964	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	70882	7.516	ug/L #	43
5) Vinyl chloride	1.32	62	8207776	814.865	ug/L	90
8) Chloroethane	1.32	64	3082132	465.905	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1928	0.241	ug/L #	77
12) 1,1-Dichloroethene	2.13	96	50340	6.796	ug/L	92
14) Carbon disulfide	2.31	76	16096	0.769	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	6321	0.304	ug/L #	77
18) trans-1,2-Dichloroethene	2.78	96	220748	26.615	ug/L	97
19) 1,1-Dichloroethane	3.21	63	1121	0.069	ug/L #	69
27) 1,2-Dichloroethane	5.17	62	542	0.048	ug/L #	78
30) Cyclohexane	4.70	56	2025	0.135	ug/L #	90
34) Trichloroethene	5.94	95	12819	1.310	ug/L	95
37) 1,2-Dichloropropane	6.09	63	6142	0.682	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1224	0.097	ug/L	84
42) Toluene	7.42	91	5815	0.154	ug/L	95
44) trans-1,3-Dichloropropene	7.65	75	705	0.067	ug/L	94
47) Tetrachloroethene	8.00	164	5773	0.819	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015707.D
Acq On : 25 Apr 2020 20:34
Operator : SY/MD
Sample : L2413-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 27 01:17:53 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)
48) 2-Hexanone	8.17	43	1984	0.476 ug/L #	39
49) Dibromochloromethane	8.00	129	5530	0.870 ug/L #	12

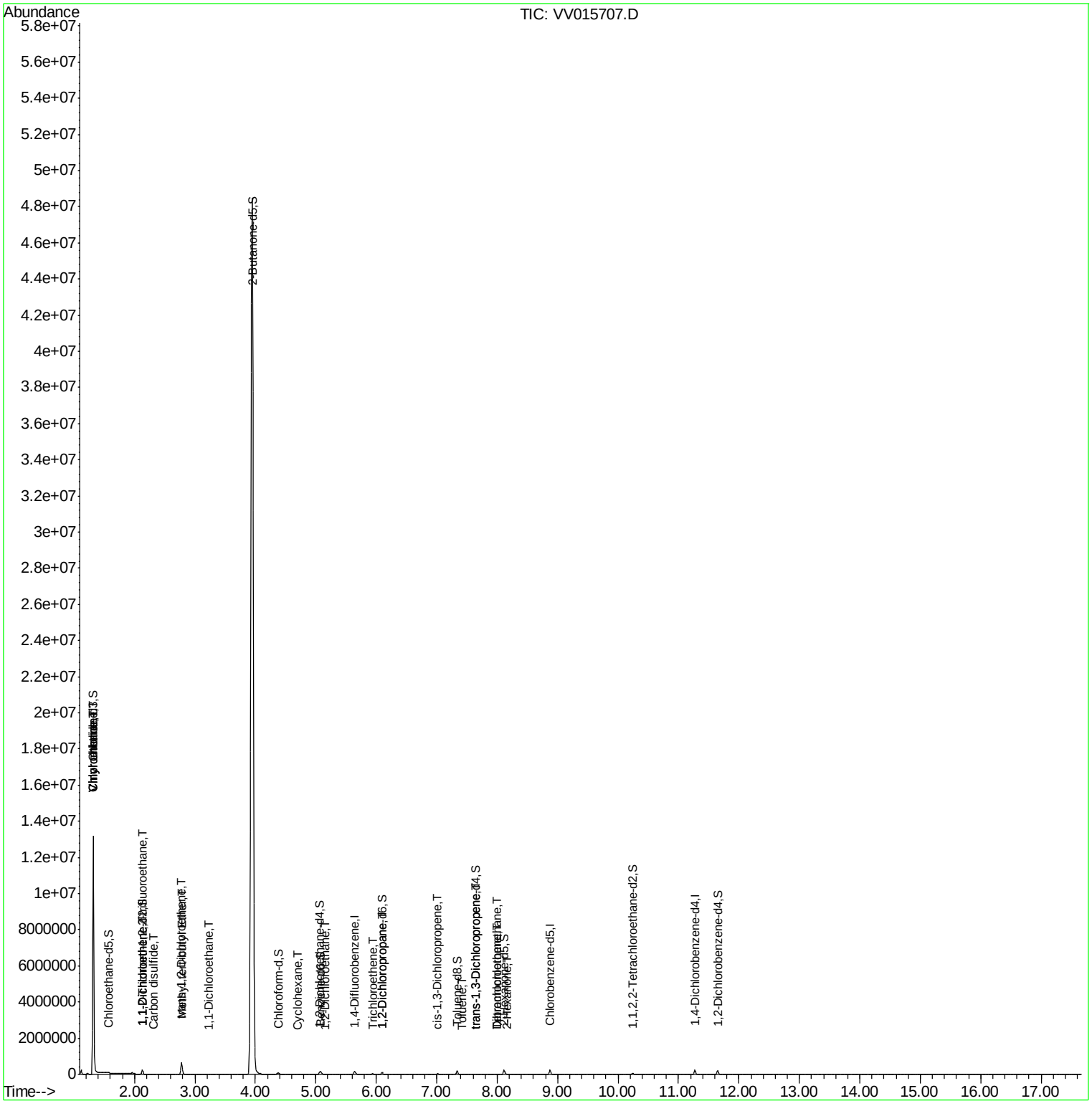
(#) = qualifier out of range (m) = manual integration (+) = signals summed

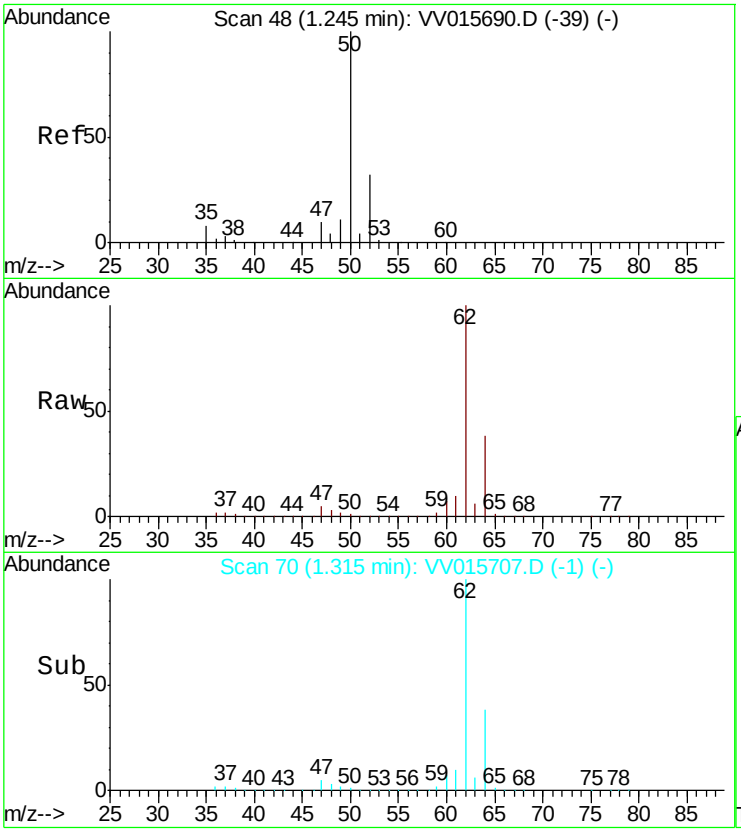
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042520\
Data File : VV015707.D
Acq On : 25 Apr 2020 20:34
Operator : SY/MD
Sample : L2413-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 27 01:17:53 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



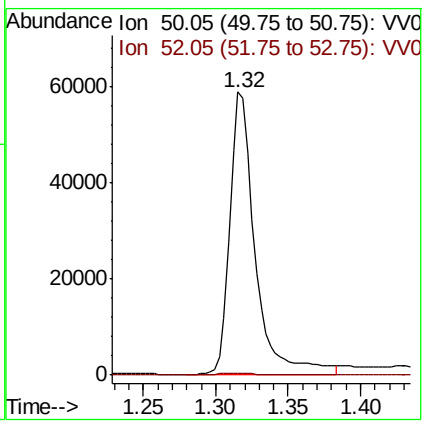


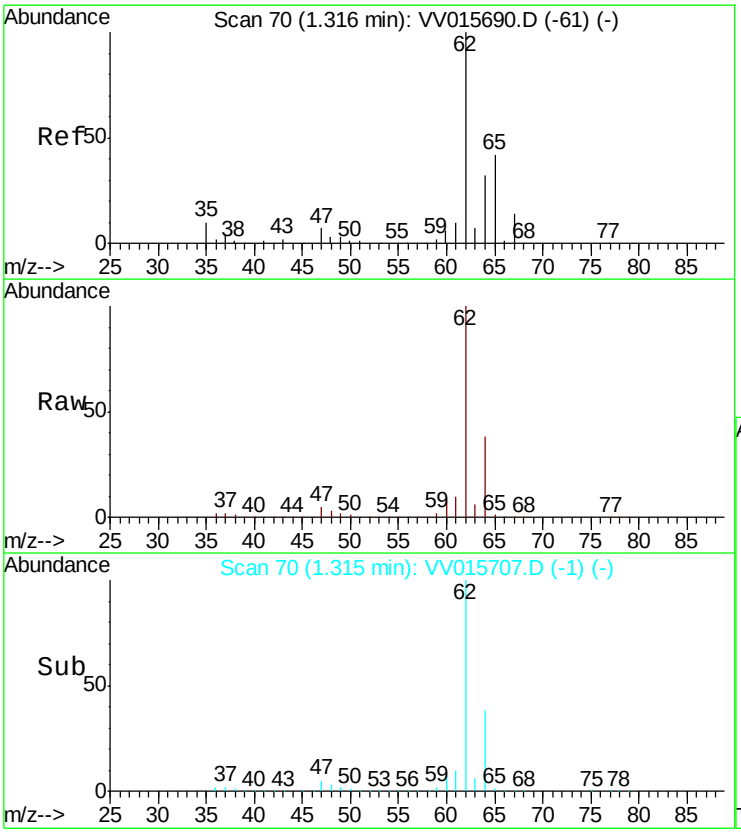
#3
Chloromethane
Concen: 7.516 ug/L
RT: 1.32 min Scan# 70
Delta R.T. 0.07 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 70882

Ion	Ratio	Lower	Upper
50	100		
52	0.6	22.9	42.5#

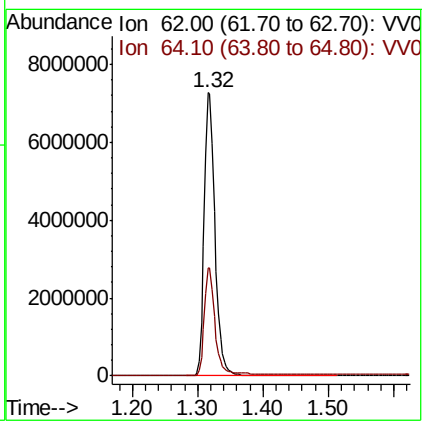


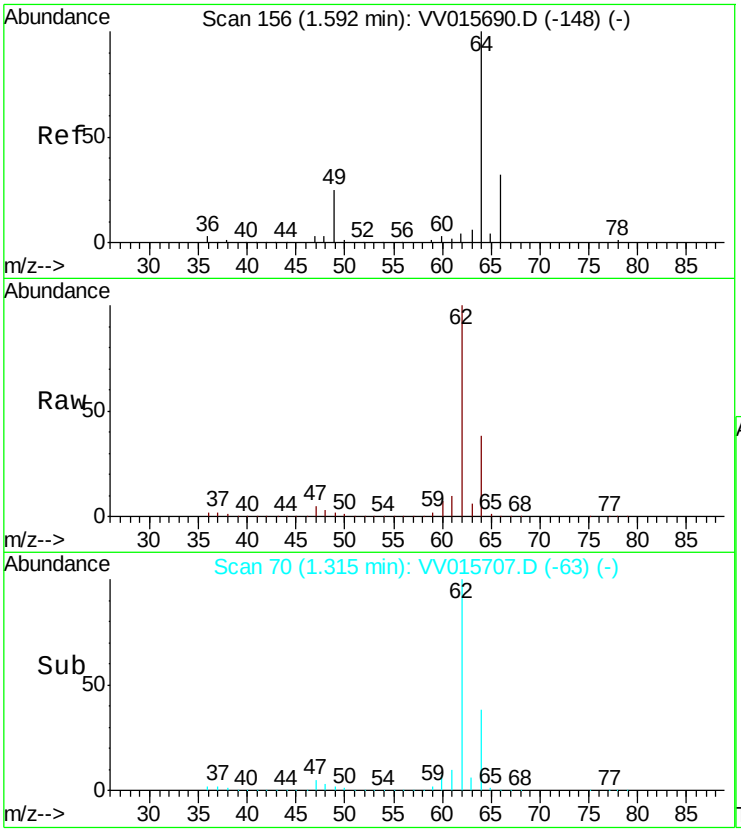


#5
Vinyl chloride
Concen: 814.865 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 62 Resp: 8207776

Ion	Ratio	Lower	Upper
62	100		
64	38.2	22.7	42.1



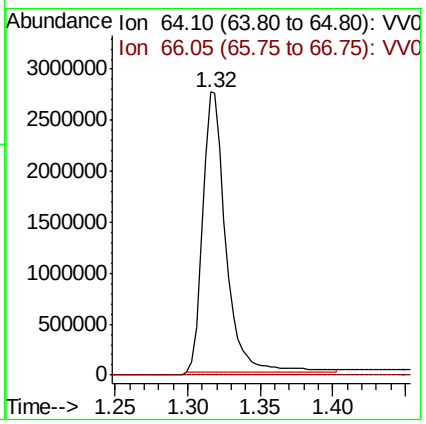


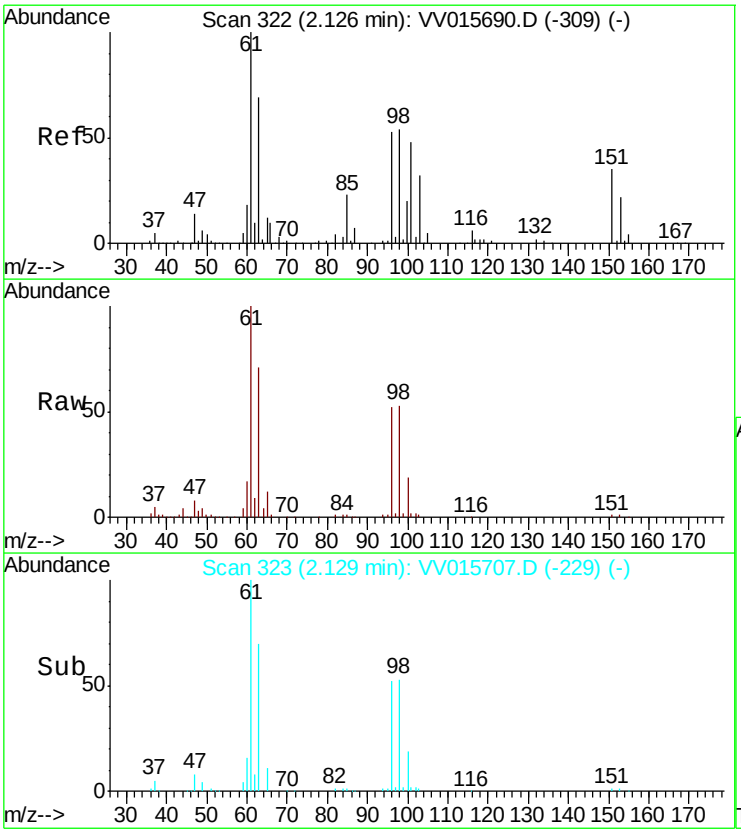
#8
Chloroethane
Concen: 465.905 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 64 Resp: 3082132

Ion	Ratio	Lower	Upper
64	100		
66	0.1	22.3	41.5#

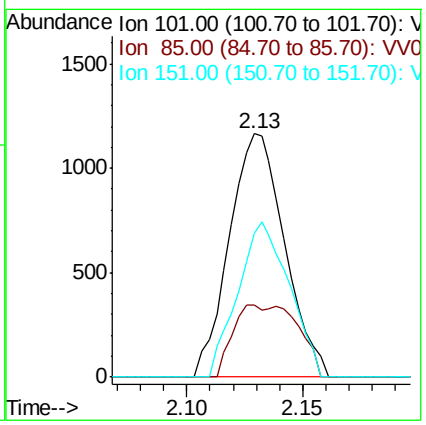


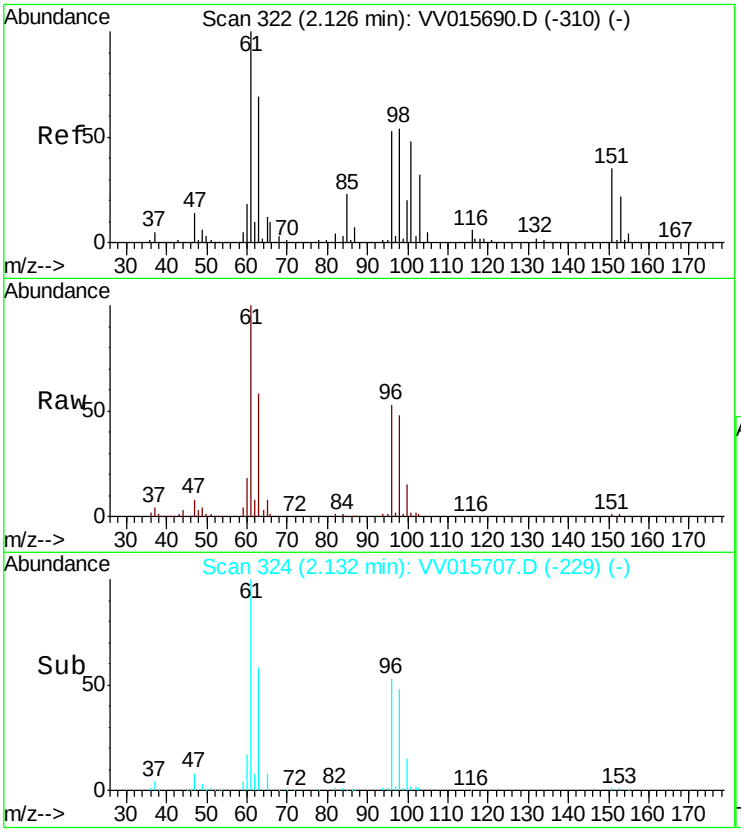


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.241 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.00 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion:101 Resp: 1928

Ion	Ratio	Lower	Upper
101	100		
85	19.4	36.1	54.1#
151	59.4	55.2	82.8



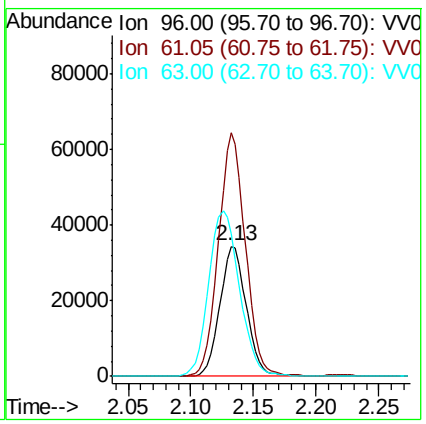


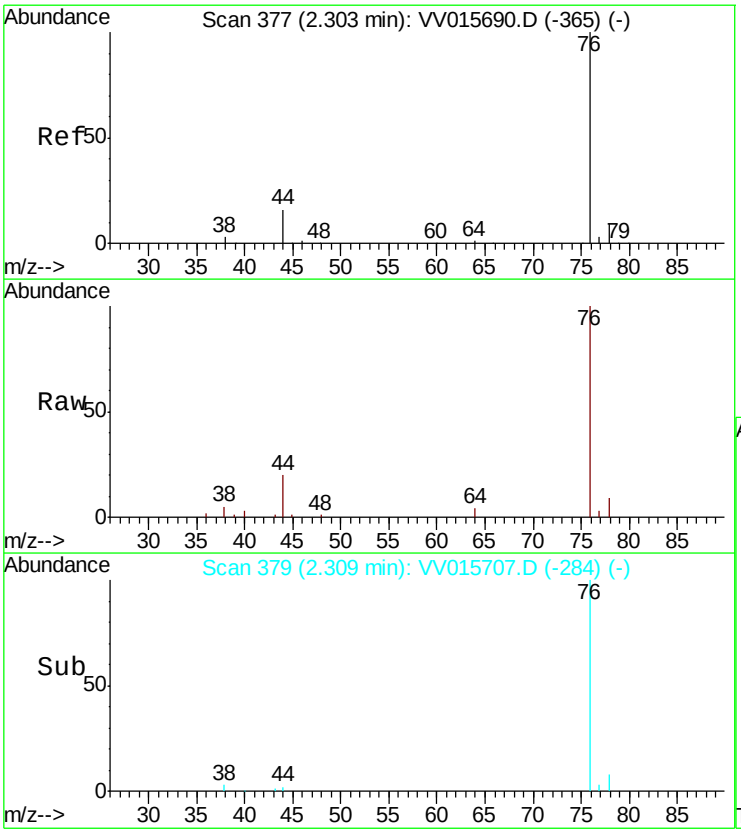
#12
1,1-Dichloroethene
Concen: 6.796 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 50340

Ion	Ratio	Lower	Upper
96	100		
61	187.3	130.1	241.7
63	109.2	91.4	169.8

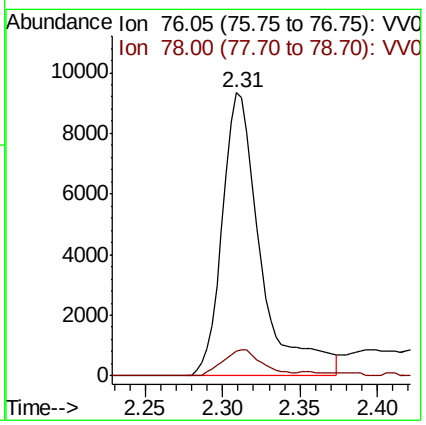


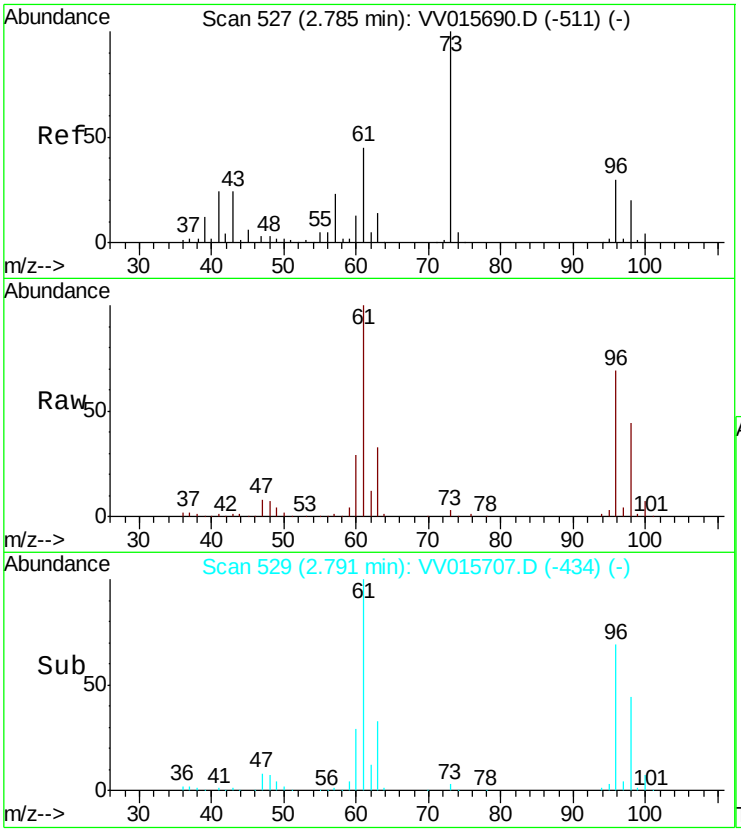


#14
Carbon disulfide
Concen: 0.769 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 76 Resp: 16096

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0



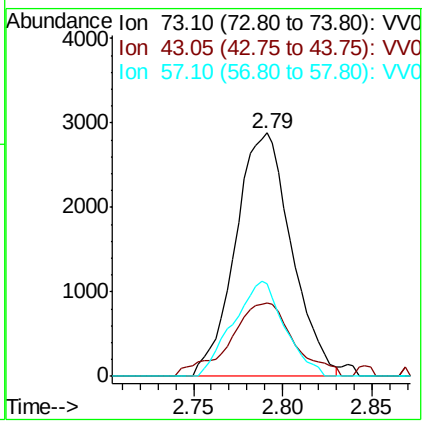


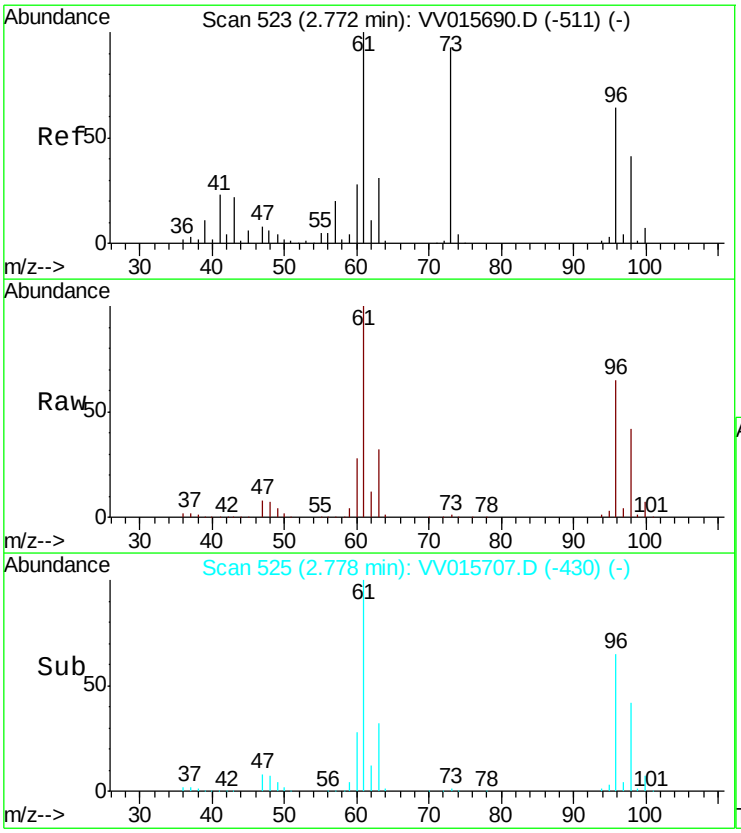
#17
Methyl tert-butyl Ether
Concen: 0.304 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 6321

Ion	Ratio	Lower	Upper
73	100		
43	34.2	20.1	30.1#
57	36.1	17.8	26.8#

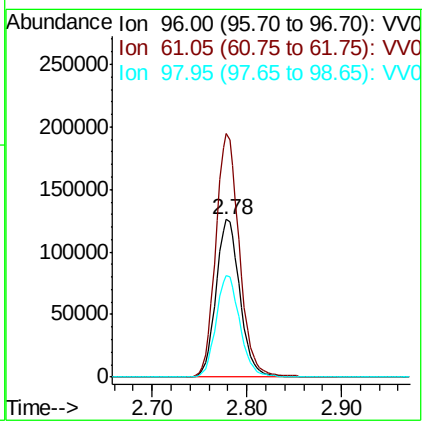


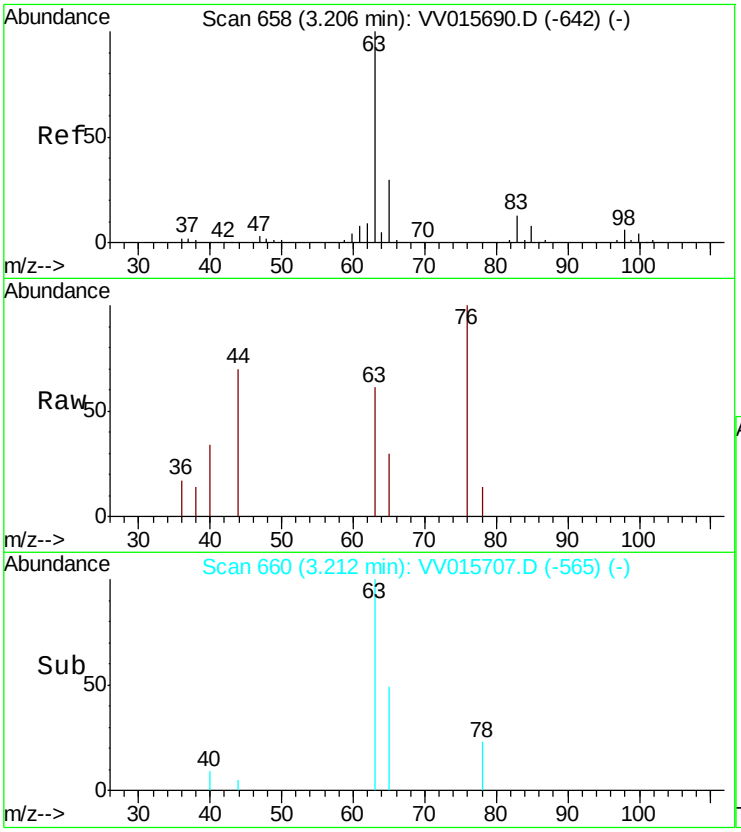


#18
trans-1,2-Dichloroethene
Concen: 26.615 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 96 Resp: 220748

Ion	Ratio	Lower	Upper
96	100		
61	154.8	105.5	195.9
98	64.6	44.2	82.0



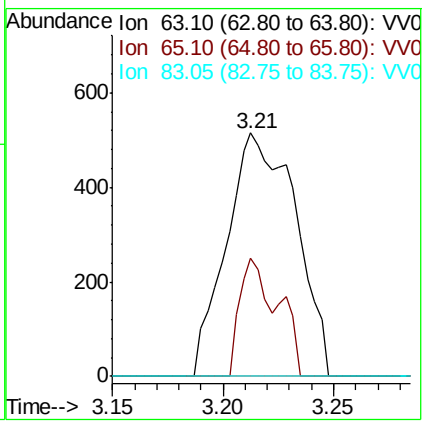


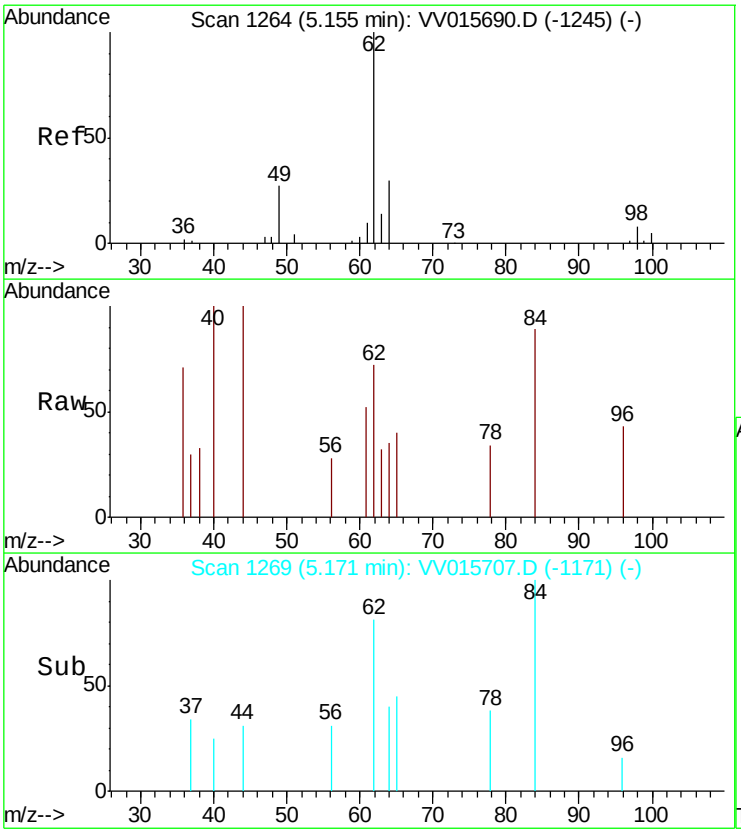
#19
1,1-Dichloroethane
Concen: 0.069 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1121

Ion	Ratio	Lower	Upper
63	100		
65	48.7	22.3	41.3#
83	0.0	9.3	17.3#

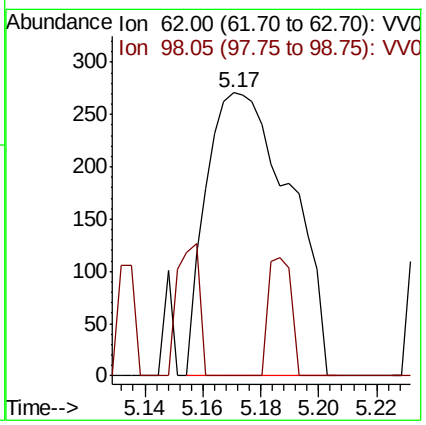


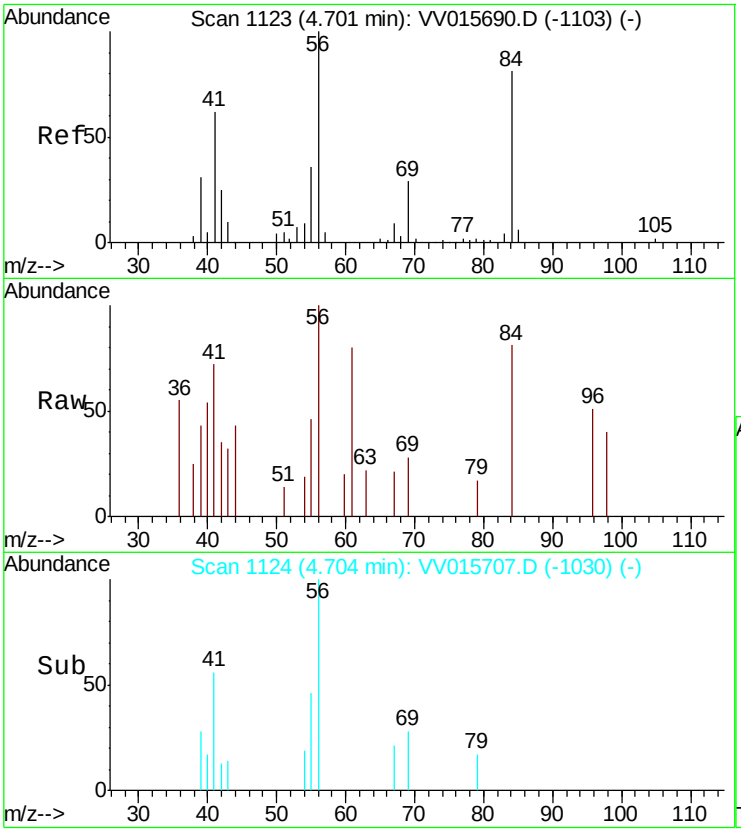


#27
1,2-Dichloroethane
Concen: 0.048 ug/L
RT: 5.17 min Scan# 1269
Delta R.T. 0.02 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 62 Resp: 542

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#



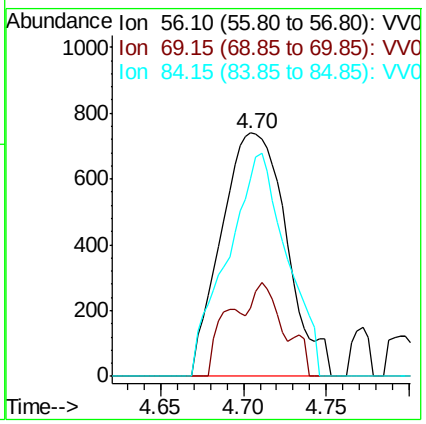


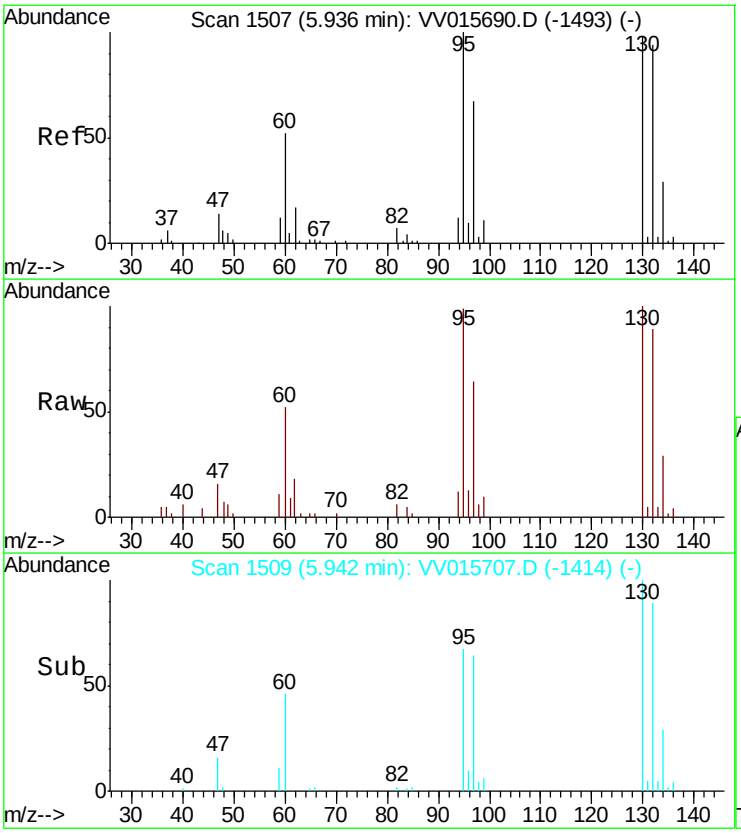
#30
Cyclohexane
Concen: 0.135 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 56 Resp: 2025

Ion	Ratio	Lower	Upper
56	100		
69	10.0	23.9	35.9#
84	83.4	66.9	100.3

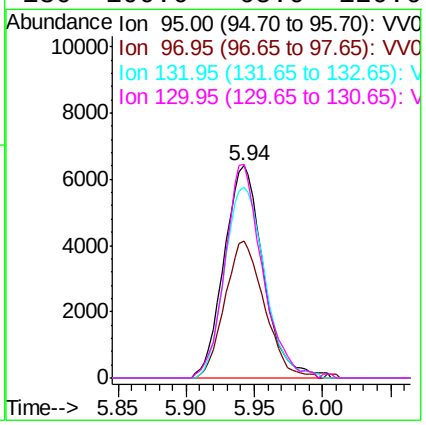


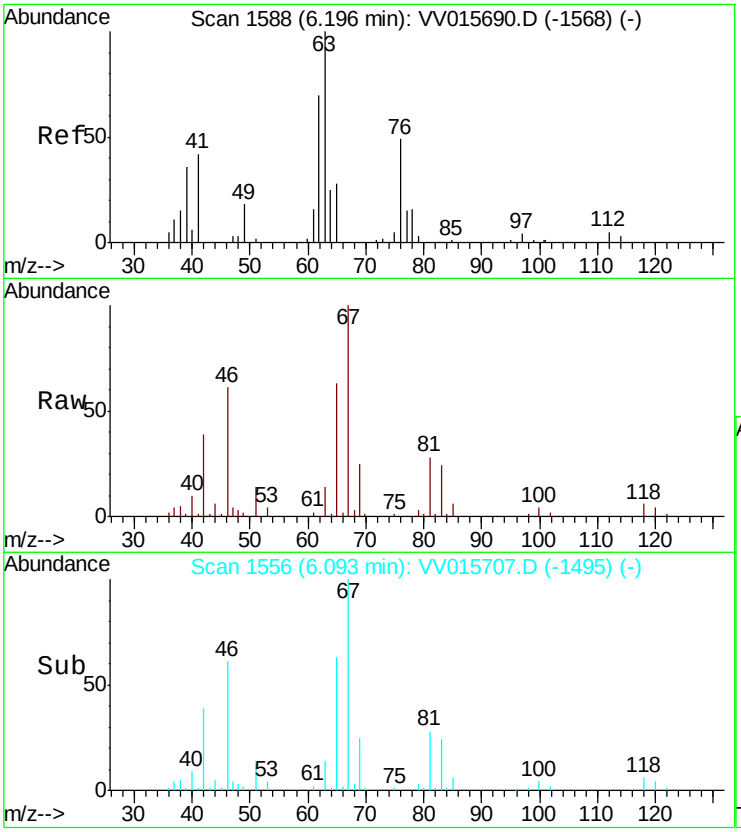


#34
Trichloroethene
Concen: 1.310 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 95 Resp: 12819

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.7	82.9
132	89.6	65.2	121.0
130	100.6	65.0	120.6



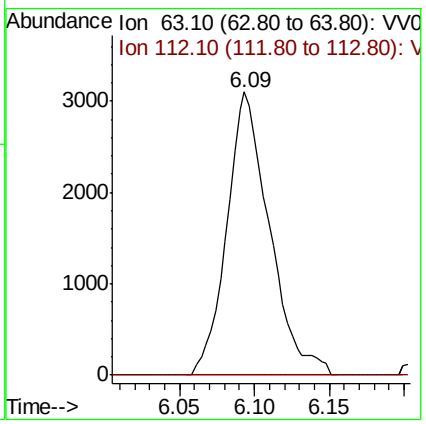


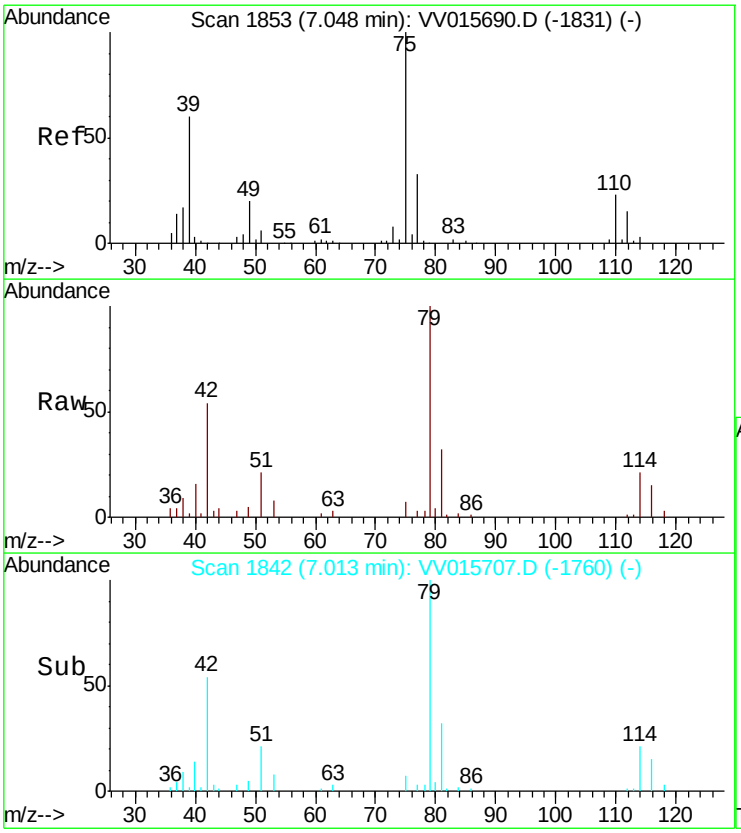
#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 6142

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

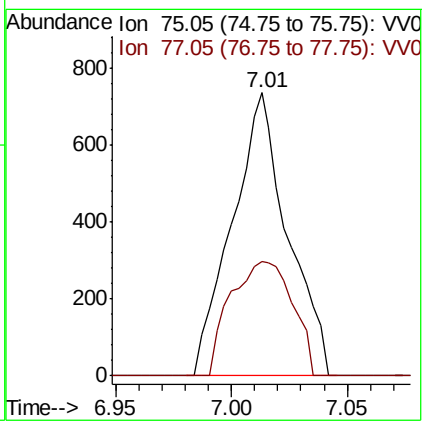


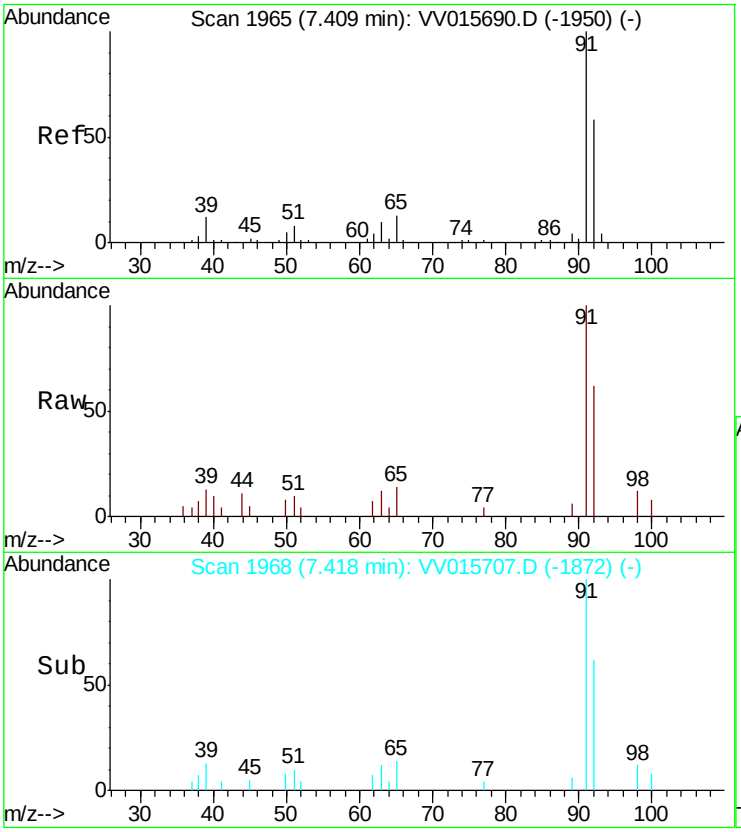


#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 75 Resp: 1224

Ion	Ratio	Lower	Upper
75	100		
77	40.5	22.3	41.5



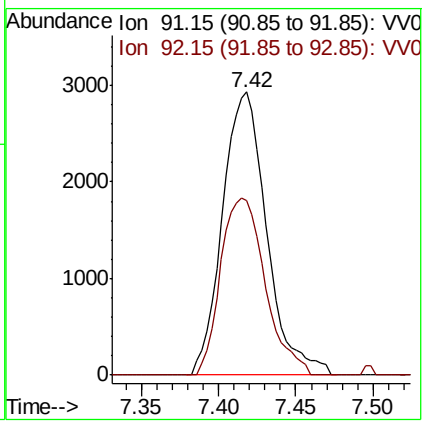


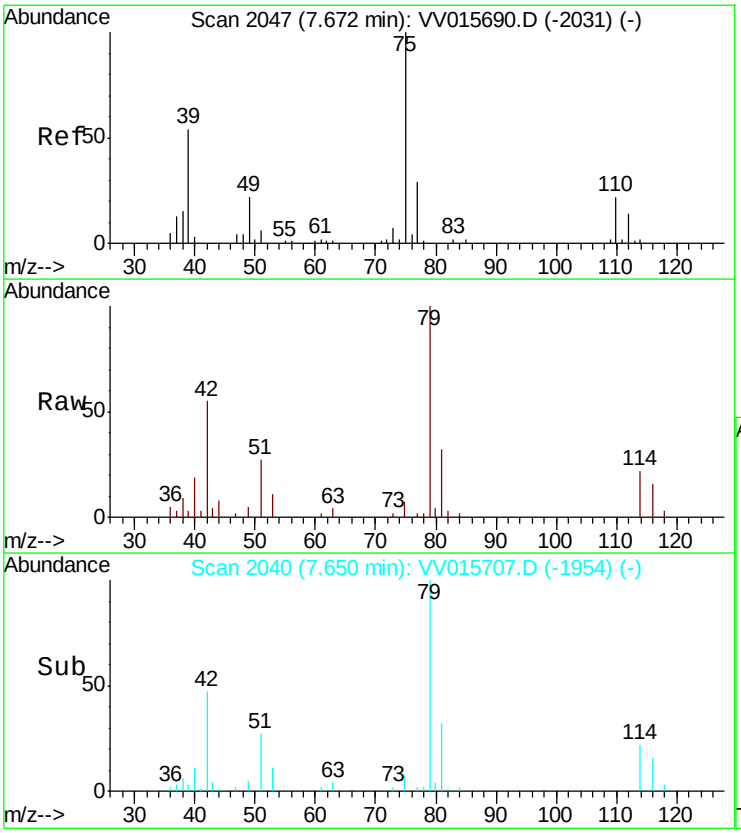
#42
Toluene
Concen: 0.154 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 5815

Ion	Ratio	Lower	Upper
91	100		
92	61.6	40.7	75.7

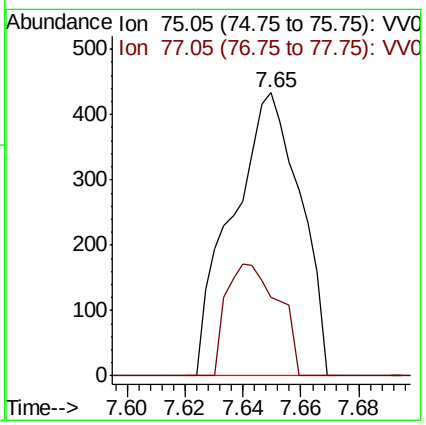


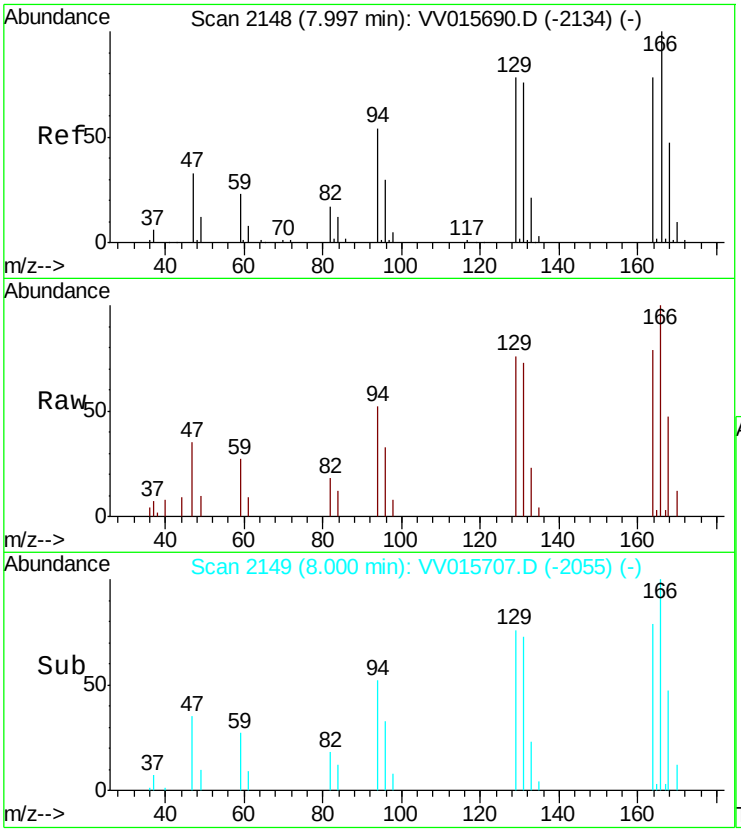


#44
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 75 Resp: 705

Ion	Ratio	Lower	Upper
75	100		
77	27.7	21.8	40.6



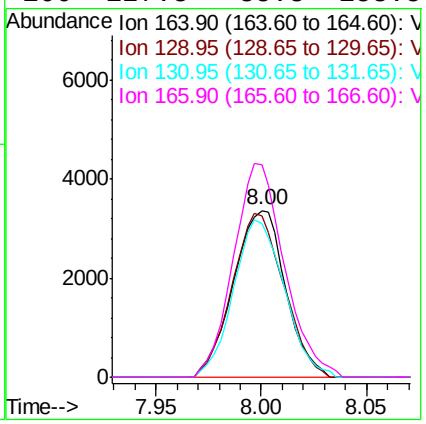


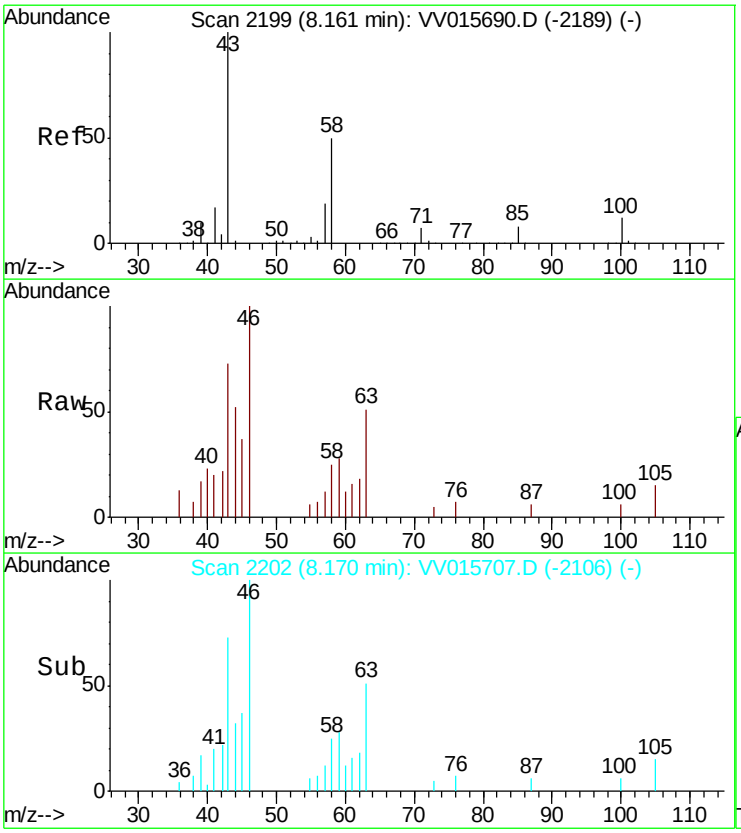
#47
Tetrachloroethene
Concen: 0.819 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 5773

Ion	Ratio	Lower	Upper
164	100		
129	97.0	66.7	123.9
131	92.4	66.6	123.6
166	127.3	85.3	158.5

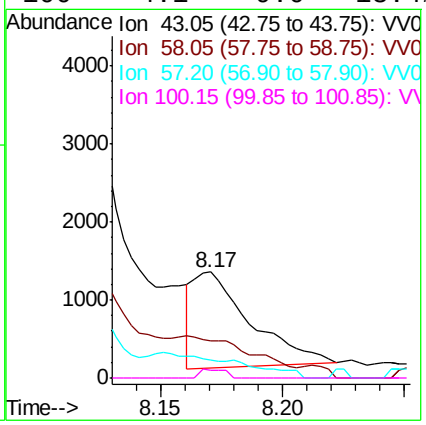


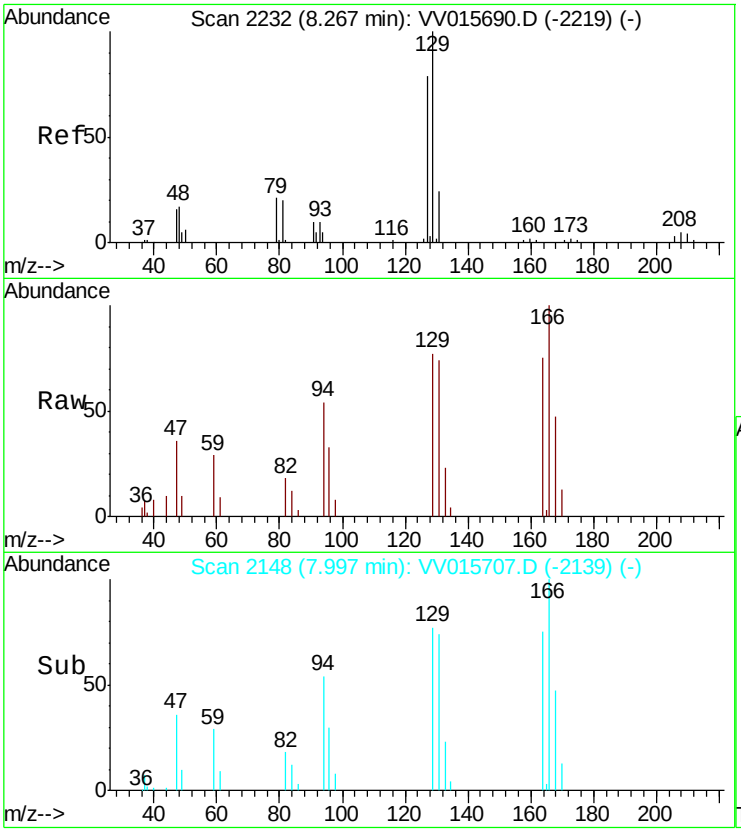


#48
2-Hexanone
Concen: 0.476 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion: 43 Resp: 1984

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.1	61.7#
57	41.0	15.0	22.4#
100	4.1	9.0	13.4#





#49
Dibromochloromethane
Concen: 0.870 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015707.D
Acq: 25 Apr 2020 20:34

Tgt Ion:129 Resp: 5530

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#

Instrument :
MSVOA_V
ClientSampleId :