Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041420\
Data File : VV015489.D
Acq On : 15 Apr 2020 02:34
Operator : SY/MD
Sample : L2274-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : YAQA7

Quant Time: Apr 15 05:35:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	108769	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	103104	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51426	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31951	5.66	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.20%			
7) Chloroethane-d5	1.58	69	28282	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.80%			
11) 1,1-Dichloroethene-d2	2.12	63	45276	3.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.20%			
20) 2-Butanone-d5	3.93	46	79585	50.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.44%			
24) Chloroform-d	4.38	84	57139	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.06	65	33130	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.08	84	121350	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
36) 1,2-Dichloropropane-d6	6.10	67	37939	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.34	98	112757	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.20%			
43) trans-1,3-Dichloropropene-	7.65	79	14255	4.60	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.00%			
46) 2-Hexanone-d5	8.11	63	62363	41.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.48%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26181	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	40583	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
8) Chloroethane	1.63	64	10406	1.817	ug/L #	53
13) Acetone	2.21	43	8383	7.488	ug/L #	48
25) Chloroform	4.41	83	11911	0.802	ug/L	99
27) 1,2-Dichloroethane	5.08	62	828	0.086	ug/L #	77
35) Methylcyclohexane	6.10	83	9184	0.656	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4642	0.607	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1067	0.091	ug/L	87
44) trans-1,3-Dichloropropene	7.65	75	601	0.061	ug/L #	65
45) 1,1,2-Trichloroethane	8.00	97	974	0.189	ug/L #	2
47) Tetrachloroethene	8.00	164	109614	17.812	ug/L	98
48) 2-Hexanone	8.11	43	9687	2.759	ug/L #	77
49) Dibromochloromethane	8.00	129	105907	17.185	ug/L #	10

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

Quantitation Report (Not Reviewed)

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Instrument : MSVOA_V
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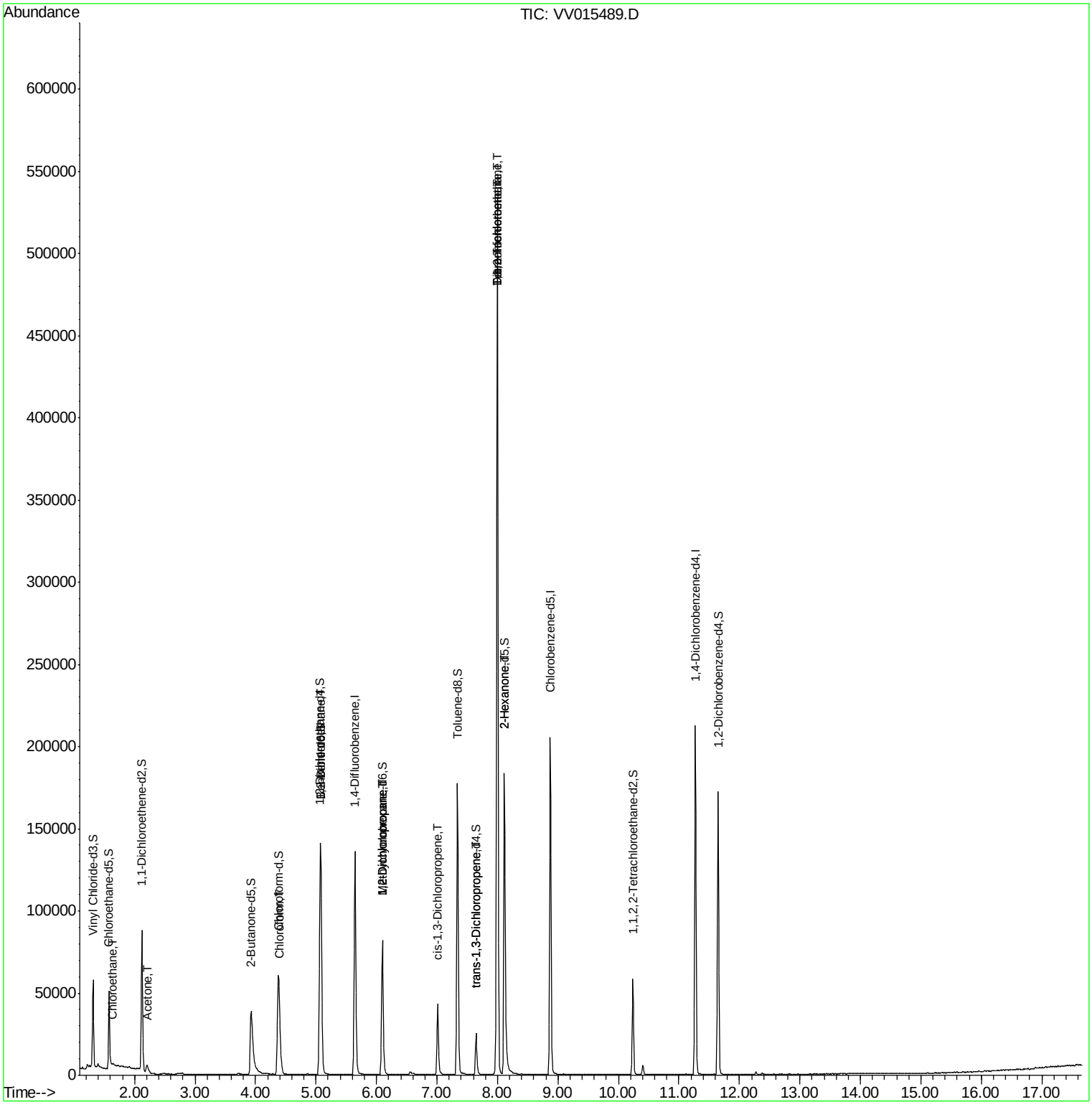
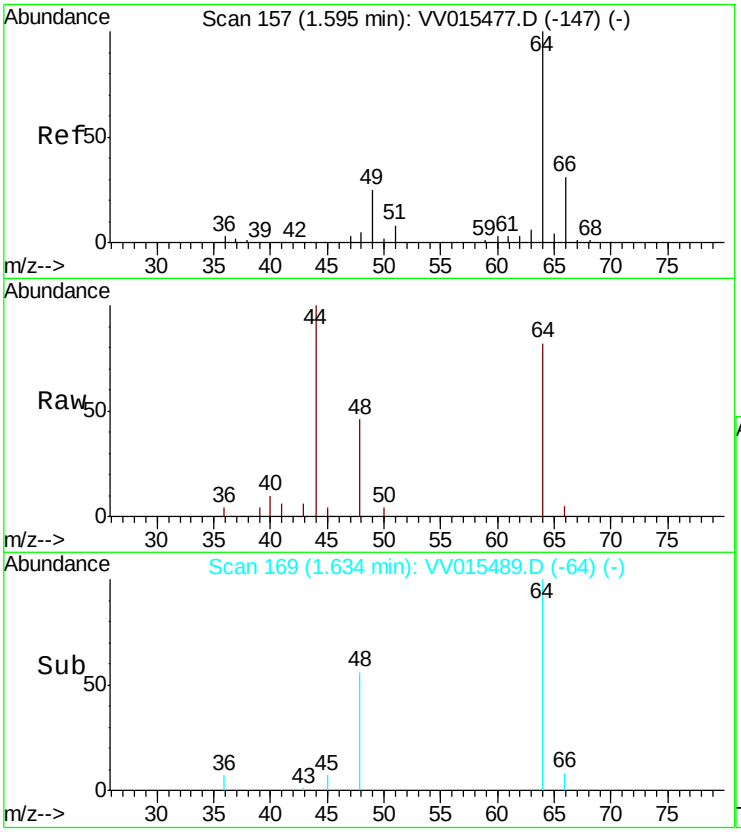
Quant Time: Apr 15 05:35:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration



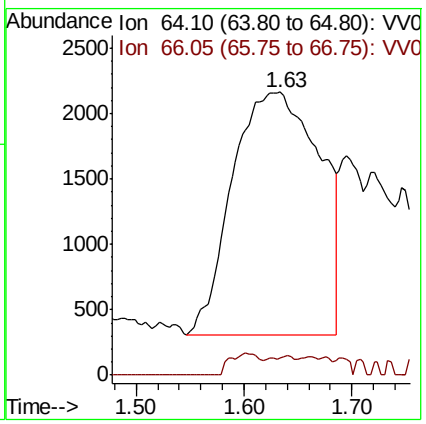


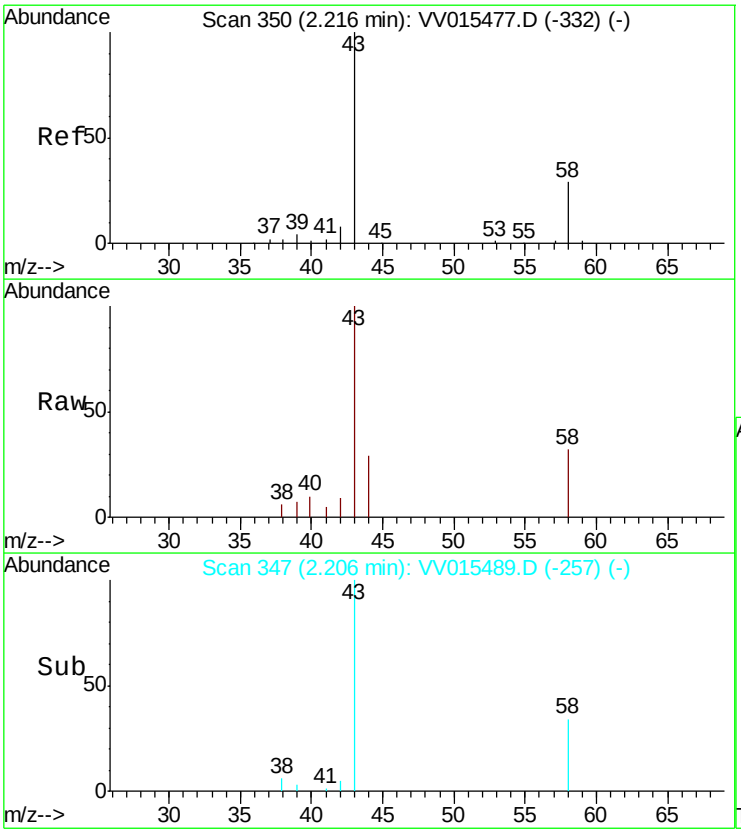
#8
Chloroethane
Concen: 1.817 ug/L
RT: 1.63 min Scan# 169
Delta R.T. 0.04 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Instrument :
MSVOA_V
ClientSampleId :
YAQA7

Tgt Ion: 64 Resp: 10406

Ion	Ratio	Lower	Upper
64	100		
66	5.9	22.3	41.5#

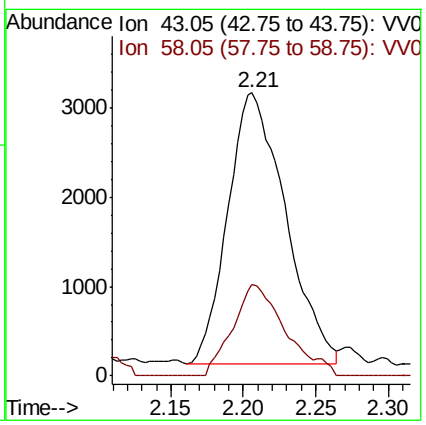


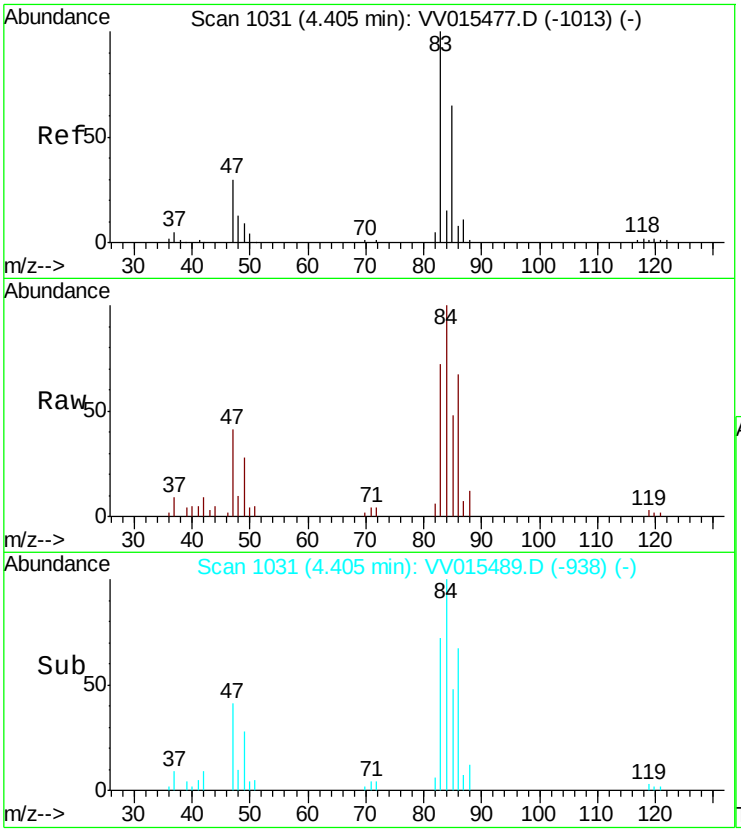


#13
Acetone
Concen: 7.488 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.01 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Tgt Ion: 43 Resp: 8383

Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	22.2#



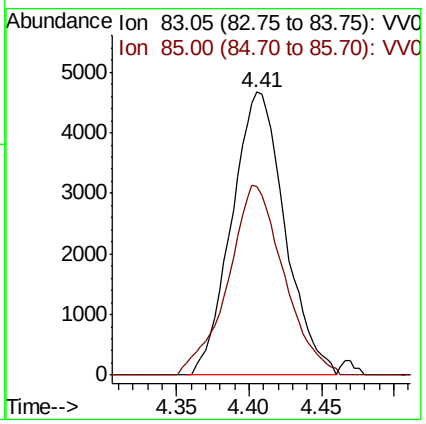


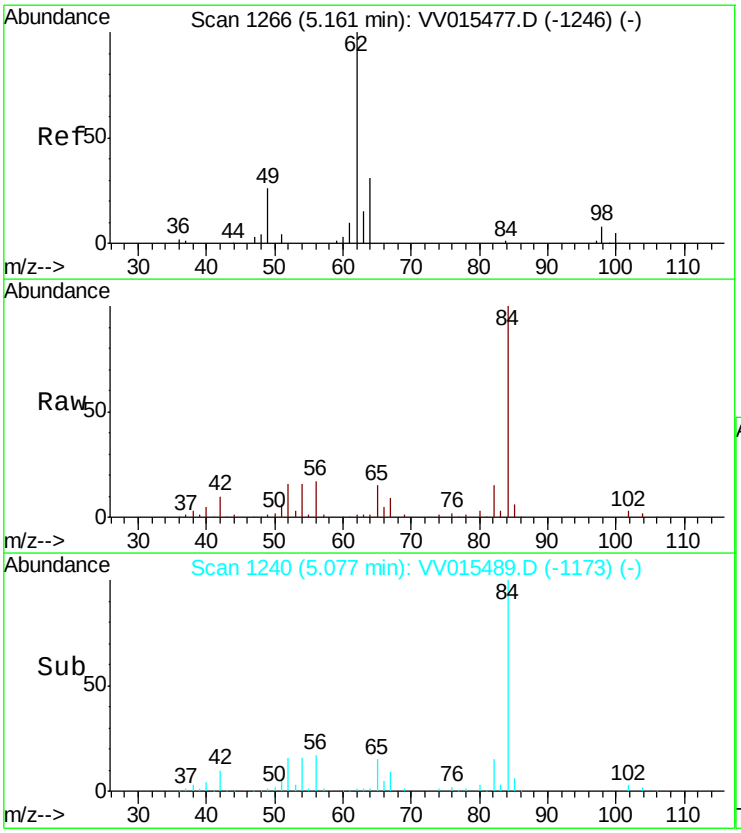
#25
Chloroform
Concen: 0.802 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Instrument : MSVOA_V
ClientSampleId : YAQA7

Tgt Ion: 83 Resp: 11911

Ion	Ratio	Lower	Upper
83	100		
85	66.5	45.9	85.3

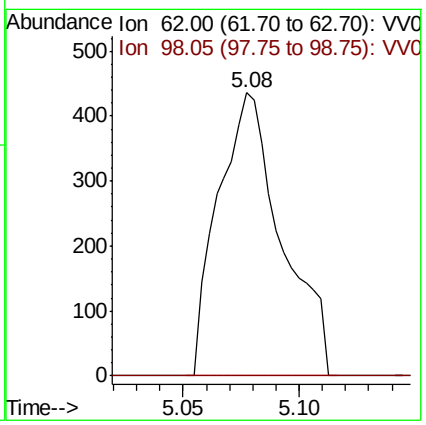


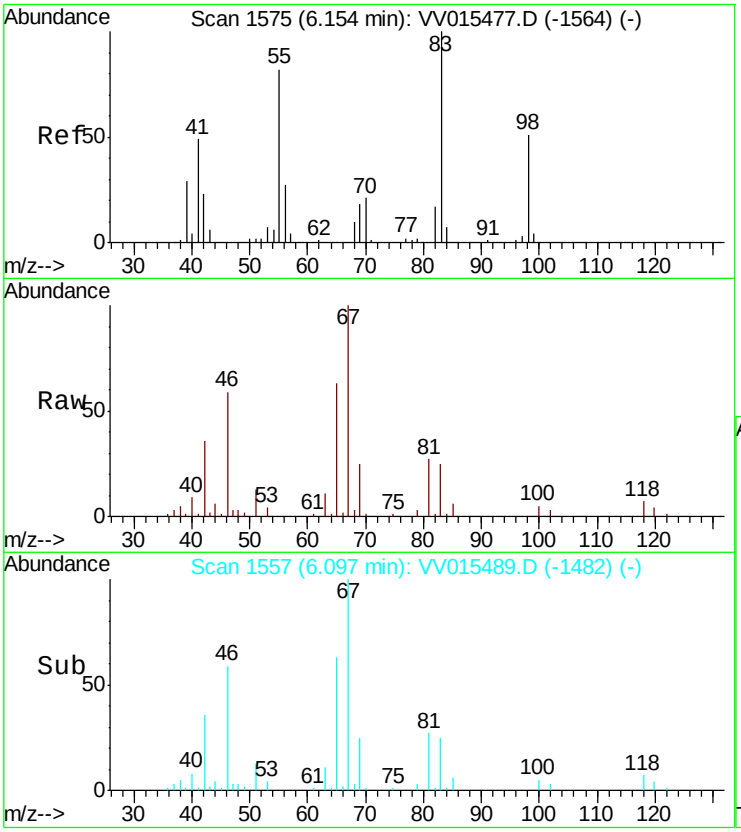


#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Tgt Ion: 62 Resp: 828

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



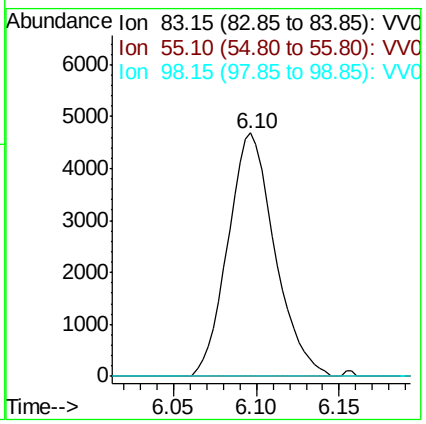


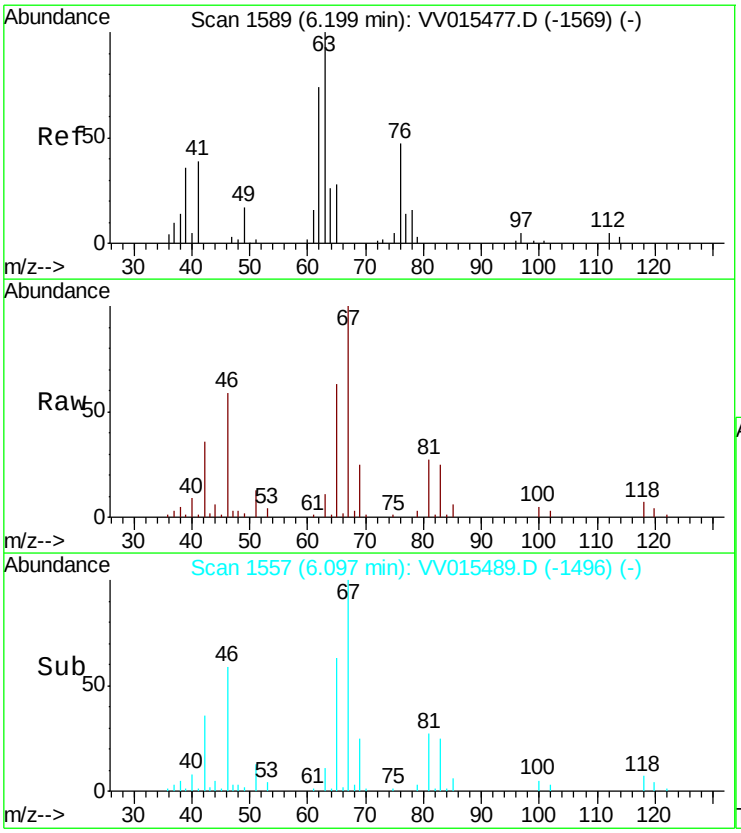
#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Instrument : MSVOA_V
ClientSampleId : YAQA7

Tgt Ion: 83 Resp: 9184

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.6	99.8#
98	0.0	38.7	58.1#

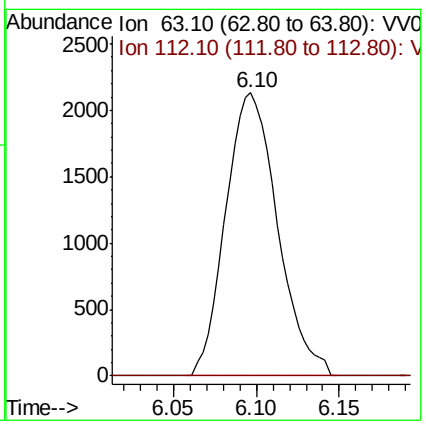


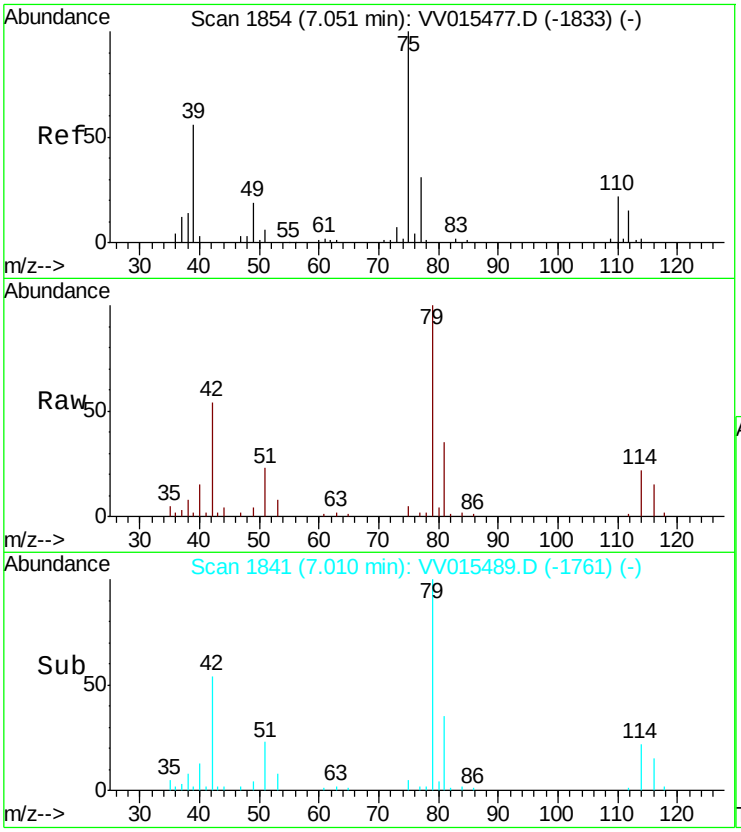


#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Tgt Ion: 63 Resp: 4642

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



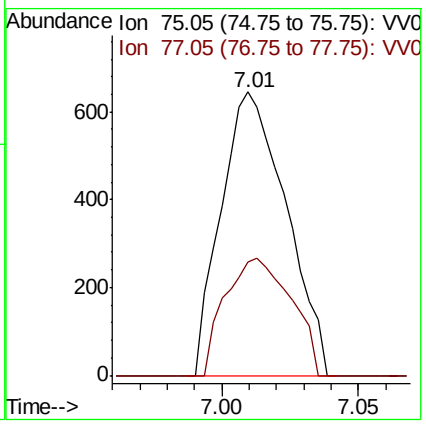


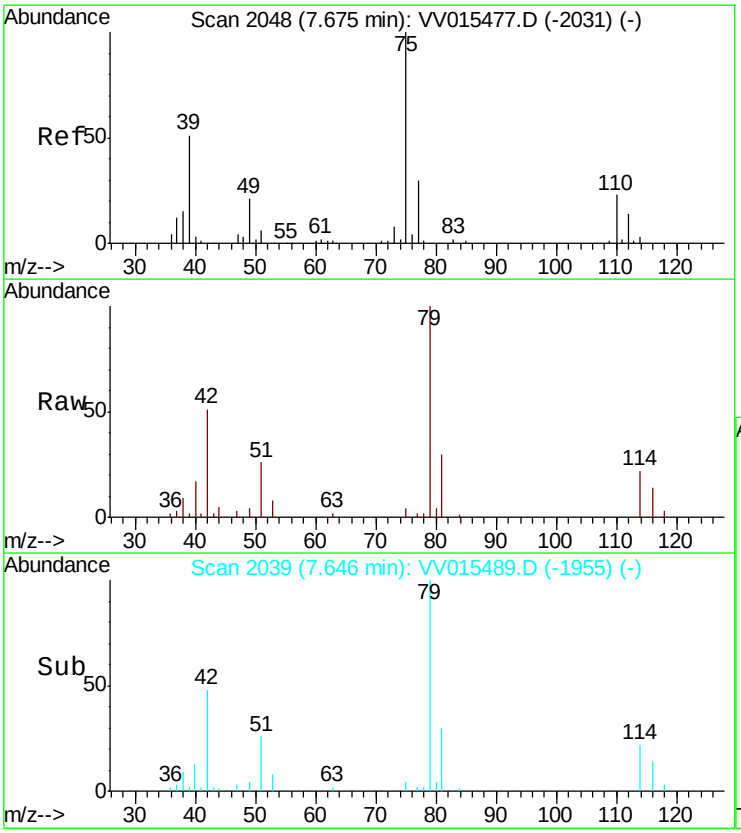
#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Instrument :
MSVOA_V
ClientSampleId :
YAQA7

Tgt Ion: 75 Resp: 1067

Ion	Ratio	Lower	Upper
75	100		
77	40.2	23.0	42.6

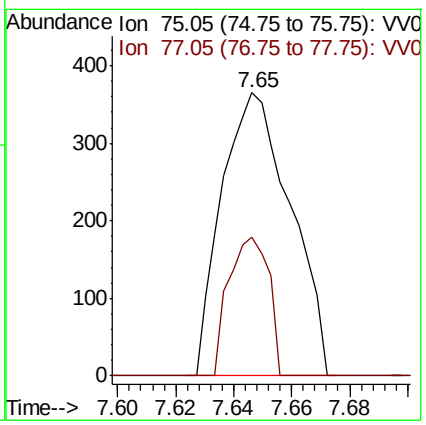


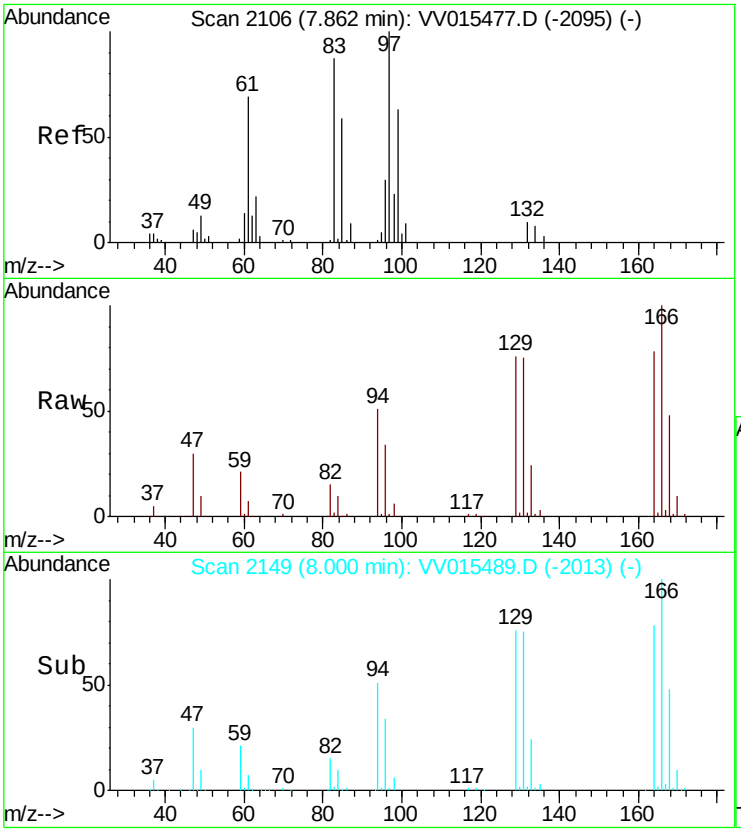


#44
trans-1,3-Dichloropropene
Concen: 0.061 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Tgt Ion: 75 Resp: 601

Ion	Ratio	Lower	Upper
75	100		
77	49.0	21.0	39.0#



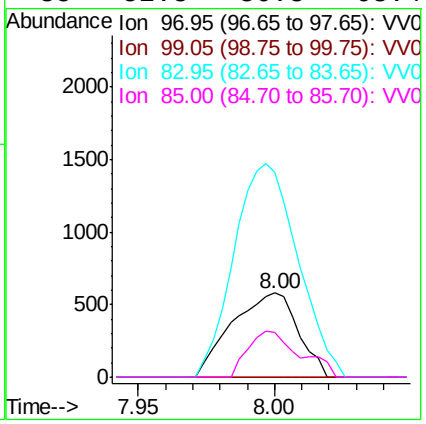


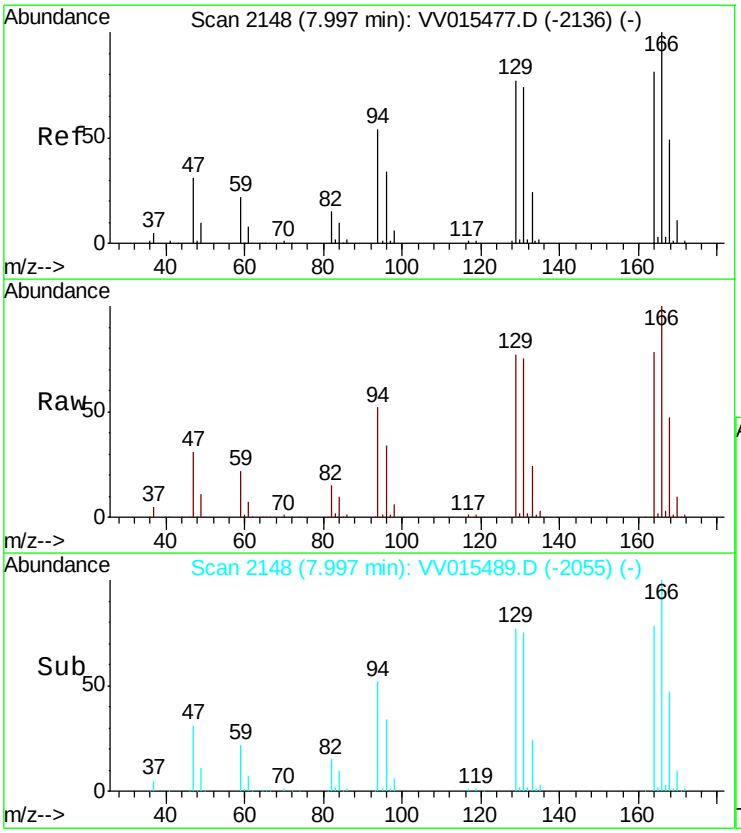
#45
1,1,2-Trichloroethane
Concen: 0.189 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.14 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Instrument : MSVOA_V
ClientSampleId : YAQA7

Tgt Ion: 97 Resp: 974

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.3	76.7#
83	242.9	60.5	112.3#
85	52.8	36.8	68.4

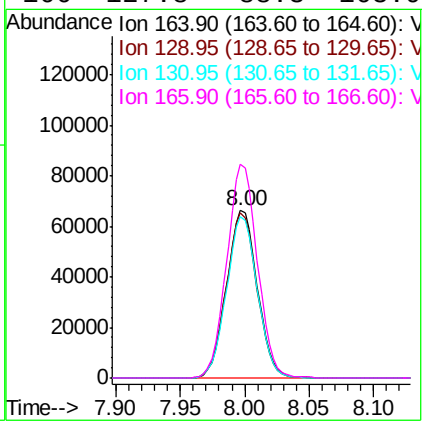


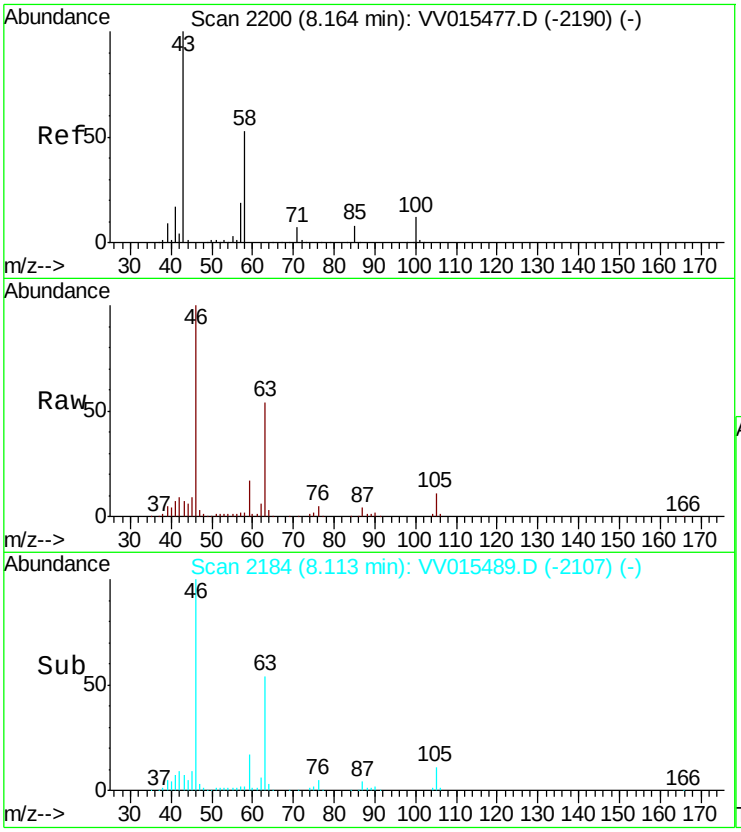


#47
Tetrachloroethene
Concen: 17.812 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Tgt Ion:164 Resp: 109614

Ion	Ratio	Lower	Upper
164	100		
129	98.6	70.6	131.0
131	96.4	68.3	126.8
166	127.8	88.3	163.9



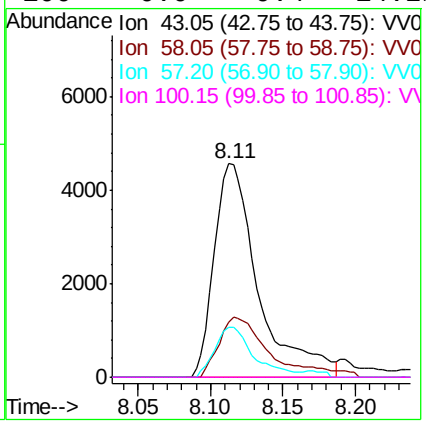


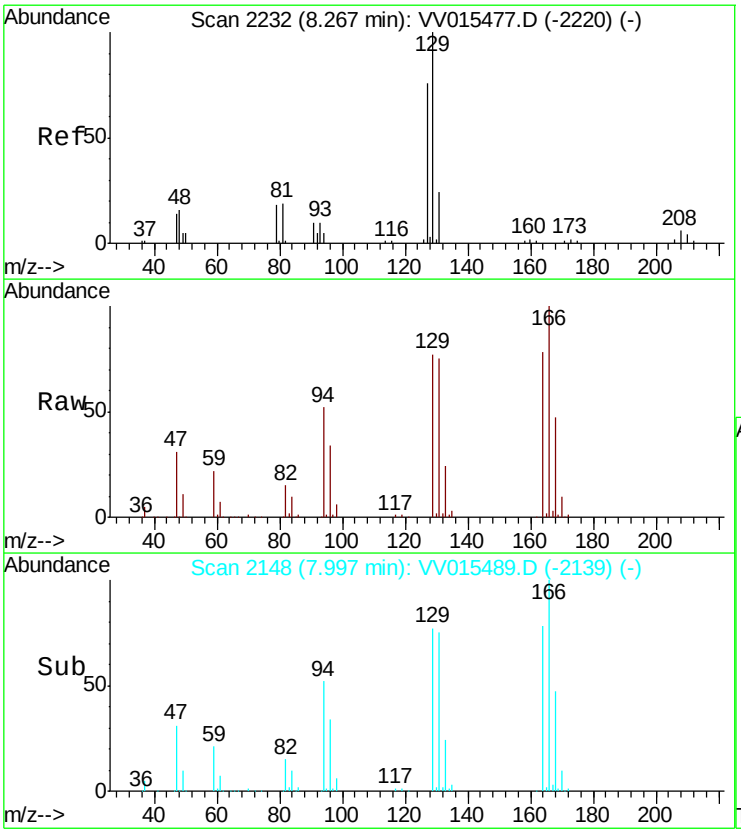
#48
2-Hexanone
Concen: 2.759 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Instrument : MSVOA_V
ClientSampleId : YAQA7

Tgt Ion: 43 Resp: 9687

Ion	Ratio	Lower	Upper
43	100		
58	32.2	41.4	62.0#
57	20.7	15.0	22.4
100	0.0	9.4	14.2#





#49
Dibromochloromethane
Concen: 17.185 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015489.D
Acq: 15 Apr 2020 02:34

Tgt Ion:129 Resp: 105907

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#