Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017350.D
Acq On : 06 Jul 2020 14:29
Operator : SY/MD
Sample : L3154-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4273

Quant Time: Jul 07 01:18:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160255	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.87	117	157208	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76244	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	39448	4.10	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.00%				
7) Chloroethane-d5	1.58	69	34696	4.96	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%				
11) 1,1-Dichloroethene-d2	2.13	63	60089	3.28	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%				
20) 2-Butanone-d5	3.93	46	116354	47.47	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.94%				
24) Chloroform-d	4.38	84	100714	4.89	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%				
26) 1,2-Dichloroethane-d4	5.06	65	57163	5.24	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%				
32) Benzene-d6	5.08	84	172798	4.24	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.80%				
36) 1,2-Dichloropropane-d6	6.10	67	52349	4.29	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.80%				
41) Toluene-d8	7.34	98	158564	4.14	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%				
45) trans-1,3-Dichloropropene-	7.65	79	19553	3.85	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.00%				
48) 2-Hexanone-d5	8.11	63	83421	43.05	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.10%				
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41026	5.06	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%				
65) 1,2-Dichlorobenzene-d4	11.65	152	67267	4.77	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.40%				
Target Compounds							Qvalue
5) Vinyl chloride	1.32	62	238092	22.641	ug/L		99
8) Chloroethane	1.57	64	95607	16.451	ug/L	#	51
12) 1,1-Dichloroethene	2.14	96	1079	0.140	ug/L	#	1
13) Acetone	2.22	43	2688	2.169	ug/L		59
14) Carbon disulfide	2.32	76	1500	0.065	ug/L	#	67
16) Methylene chloride	2.53	84	1305	0.158	ug/L		86
18) trans-1,2-Dichloroethene	2.78	96	16984	2.084	ug/L		94
19) 1,1-Dichloroethane	3.21	63	2540	0.139	ug/L		91
22) cis-1,2-Dichloroethene	3.94	96	58135	5.216	ug/L		97
30) Cyclohexane	4.71	56	1885	0.105	ug/L	#	20
33) Benzene	5.13	78	2591	0.063	ug/L		100
34) Trichloroethene	5.95	95	2456	0.204	ug/L		90
35) Methylcyclohexane	6.10	83	16069	0.857	ug/L	#	18
37) 1,2-Dichloropropane	6.10	63	7143	0.701	ug/L	#	85
47) 1,1,2-Trichloroethane	7.81	97	2125	0.294	ug/L	#	22
50) 2-Hexanone	8.17	43	2556	0.610	ug/L	#	80
60) 1,1,2,2-Tetrachloroethane	10.26	83	758	0.101	ug/L	#	72

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017350.D
Acq On : 06 Jul 2020 14:29
Operator : SY/MD
Sample : L3154-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4273

Quant Time: Jul 07 01:18:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 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\VV070620\
Data File : VV017350.D
Acq On : 06 Jul 2020 14:29
Operator : SY/MD
Sample : L3154-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

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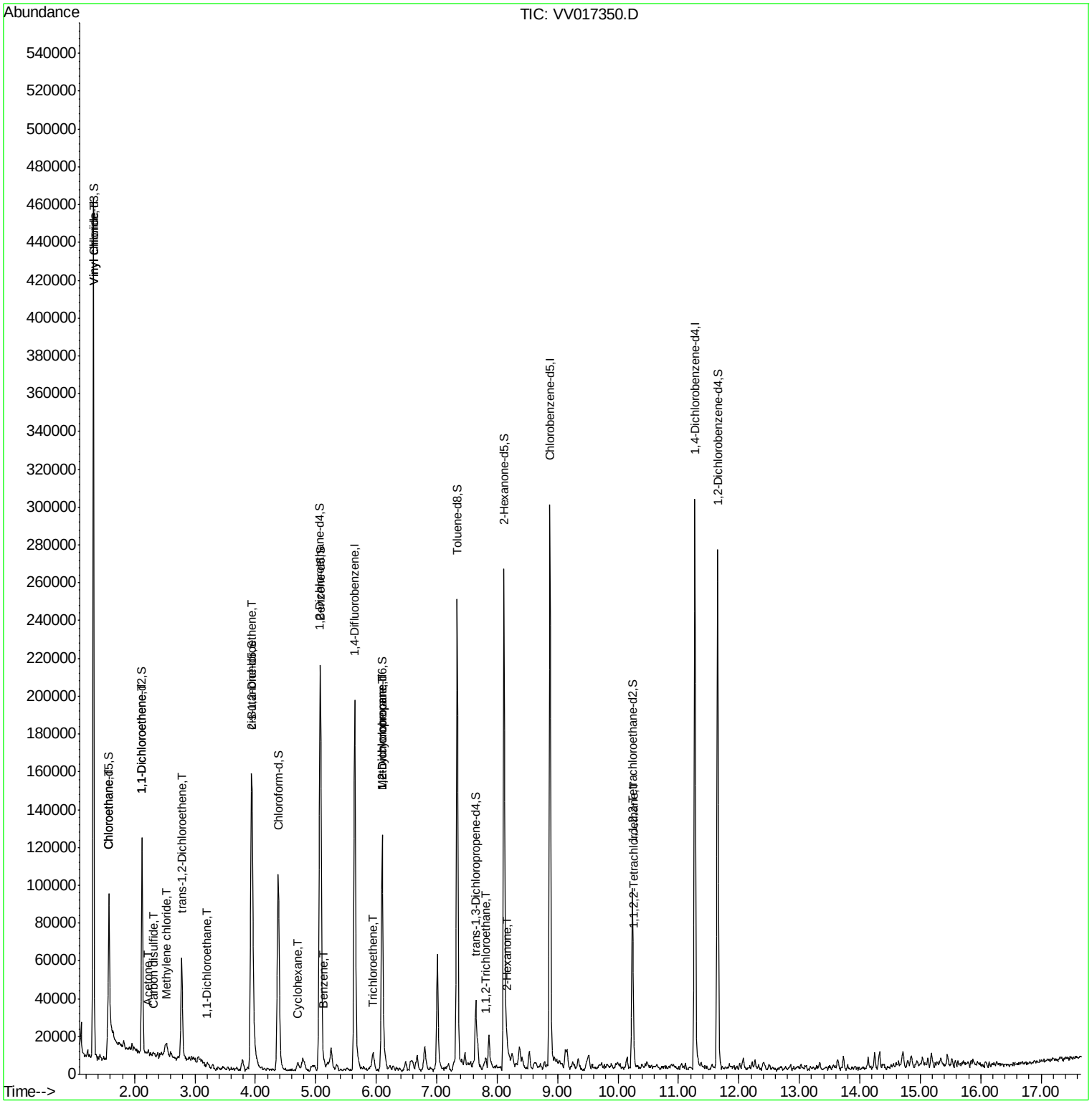
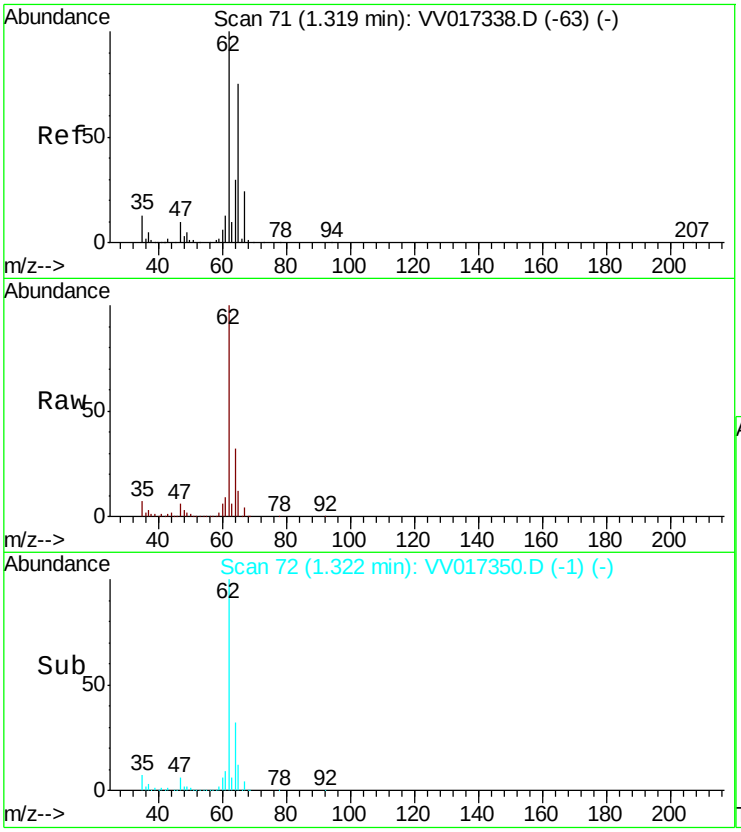
Quant Time: Jul 07 01:18:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration



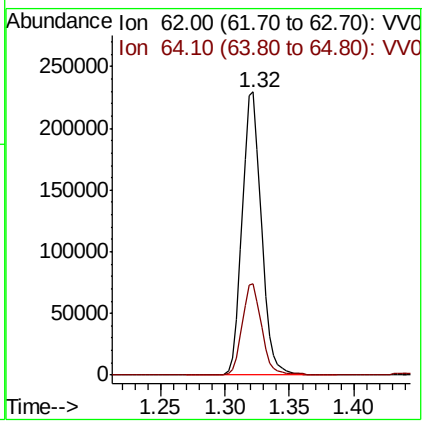


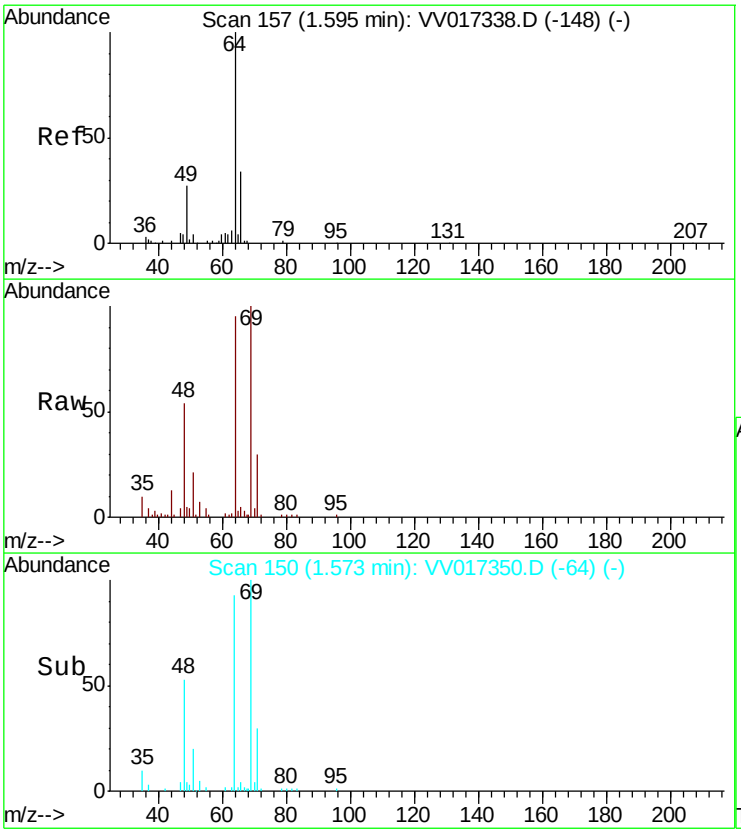
#5
Vinyl chloride
Concen: 22.641 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument :
MSVOA_V
ClientSampleId :
H4273

Tgt Ion: 62 Resp: 238092

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.5	41.7

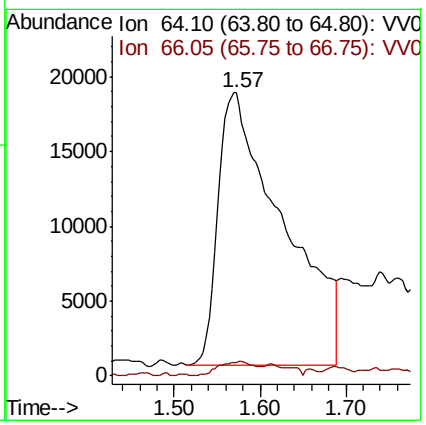


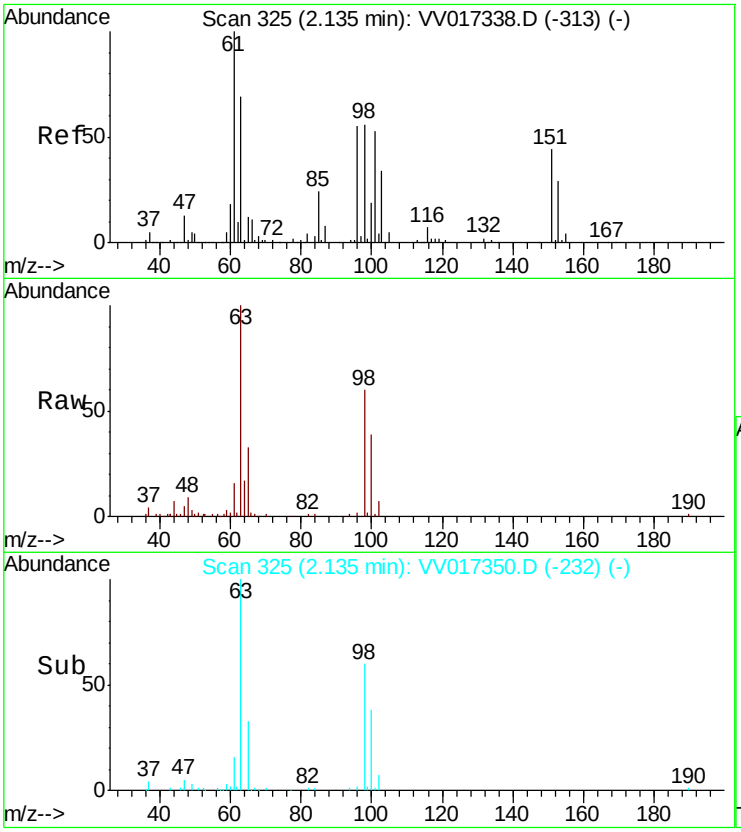


#8
Chloroethane
Concen: 16.451 ug/L
RT: 1.57 min Scan# 150
Delta R.T. -0.02 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 64 Resp: 95607

Ion	Ratio	Lower	Upper
64	100		
66	4.8	22.8	42.4#



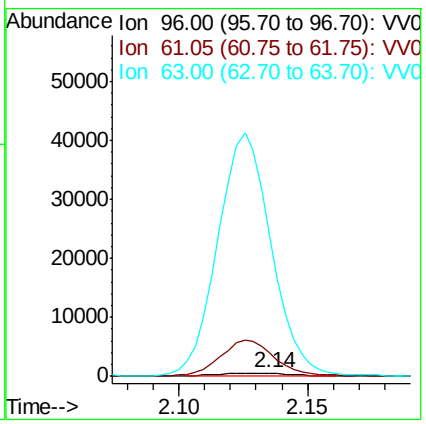


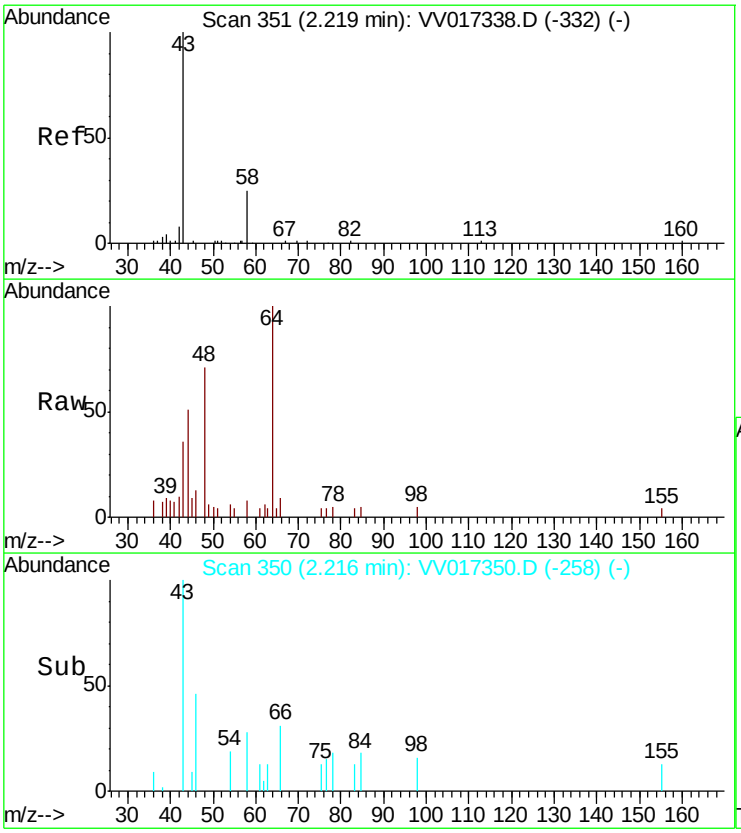
#12
1,1-Dichloroethene
Concen: 0.140 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument : MSVOA_V
ClientSampleId : H4273

Tgt Ion: 96 Resp: 1079

Ion	Ratio	Lower	Upper
96	100		
61	677.6	125.0	232.2#
63	4154.1	109.8	203.8#

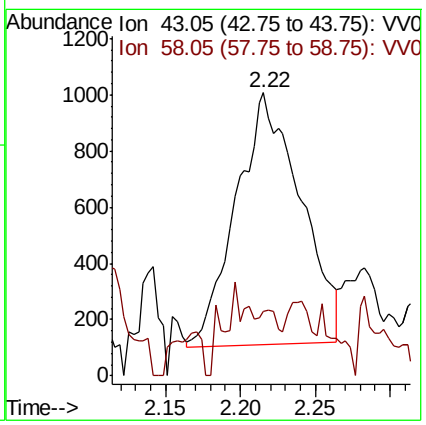


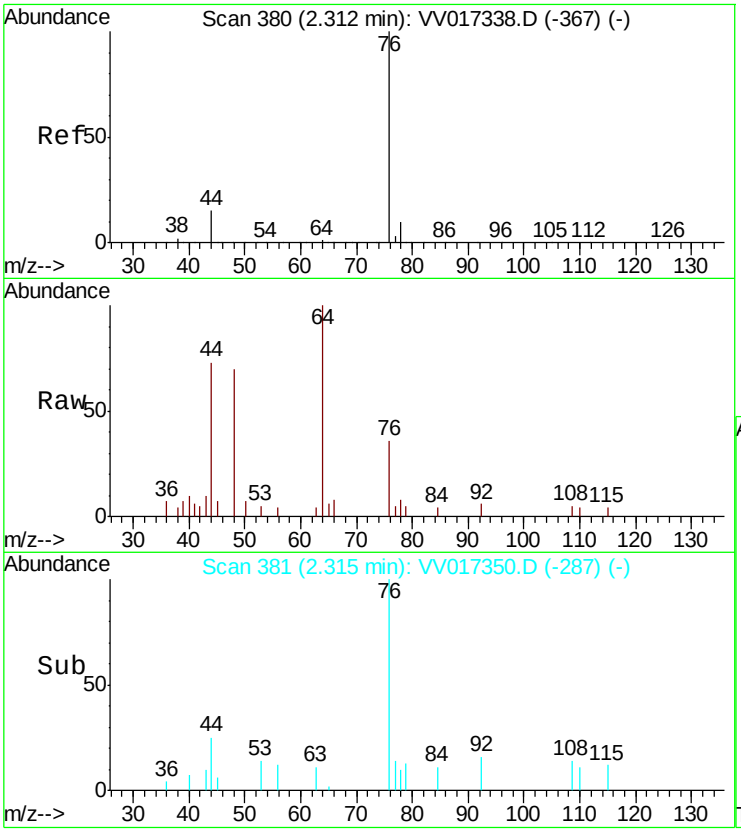


#13
Acetone
Concen: 2.169 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.00 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 43 Resp: 2688

Ion	Ratio	Lower	Upper
43	100		
58	7.3	0.0	58.4



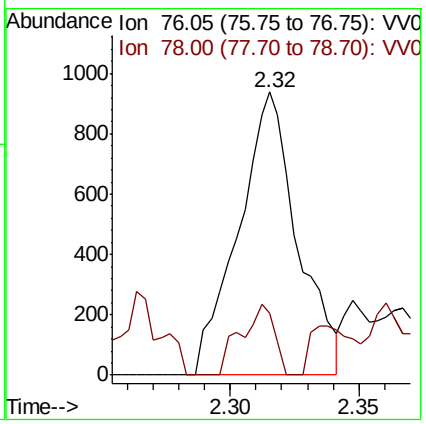


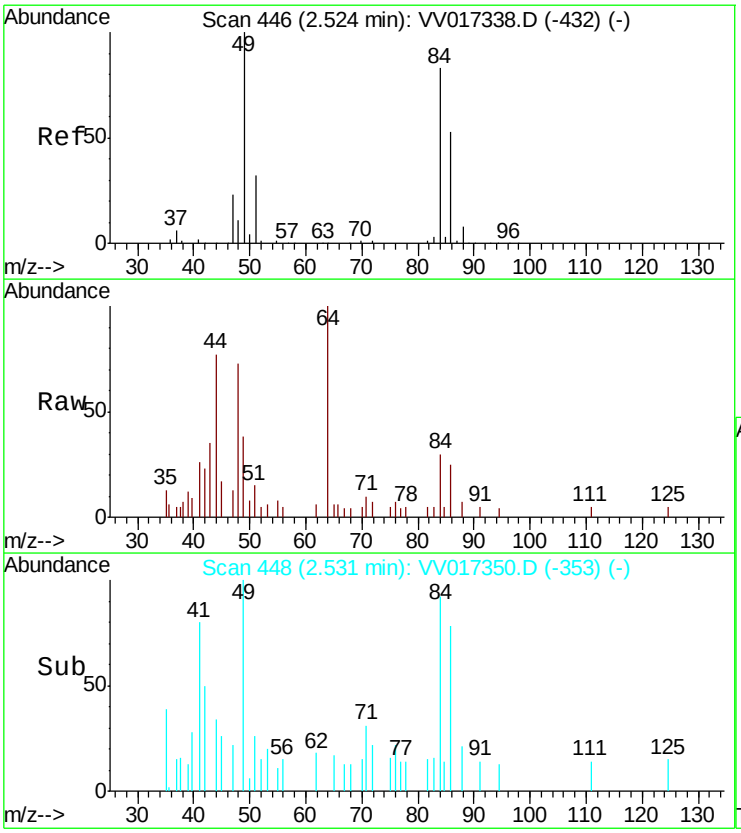
#14
Carbon disulfide
Concen: 0.065 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument : MSVOA_V
ClientSampleId : H4273

Tgt Ion: 76 Resp: 1500

Ion	Ratio	Lower	Upper
76	100		
78	21.9	7.7	11.5#

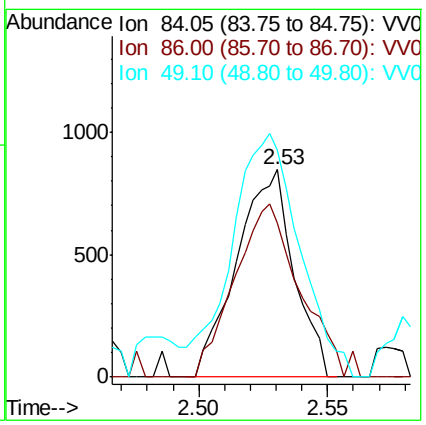


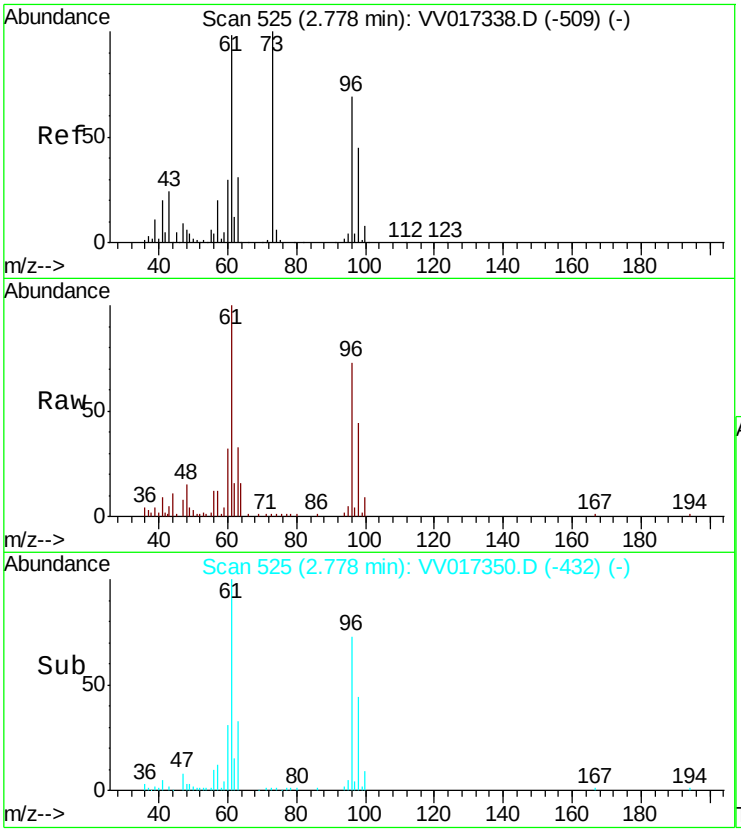


#16
Methylene chloride
Concen: 0.158 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 84 Resp: 1305

Ion	Ratio	Lower	Upper
84	100		
86	74.1	45.8	85.0
49	109.3	89.6	166.4



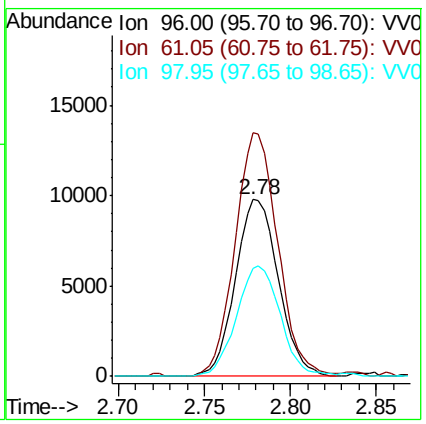


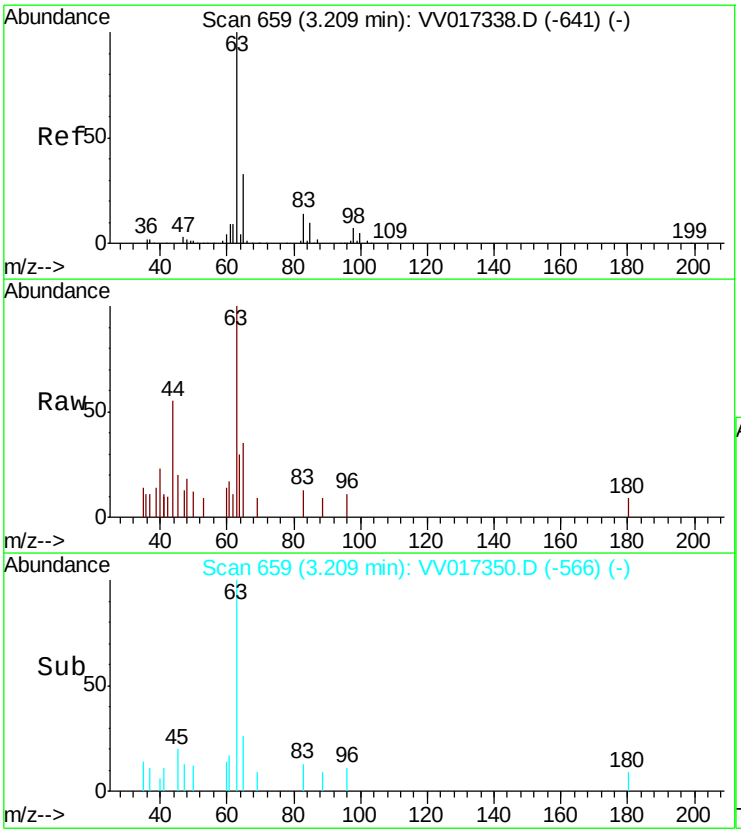
#18
trans-1,2-Dichloroethene
Concen: 2.084 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument :
MSVOA_V
ClientSampleId :
H4273

Tgt Ion: 96 Resp: 16984

Ion	Ratio	Lower	Upper
96	100		
61	137.8	102.3	189.9
98	61.1	44.7	82.9

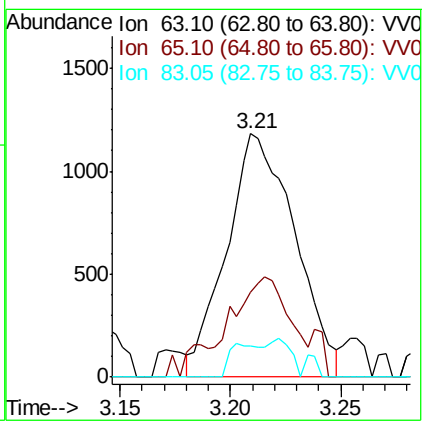


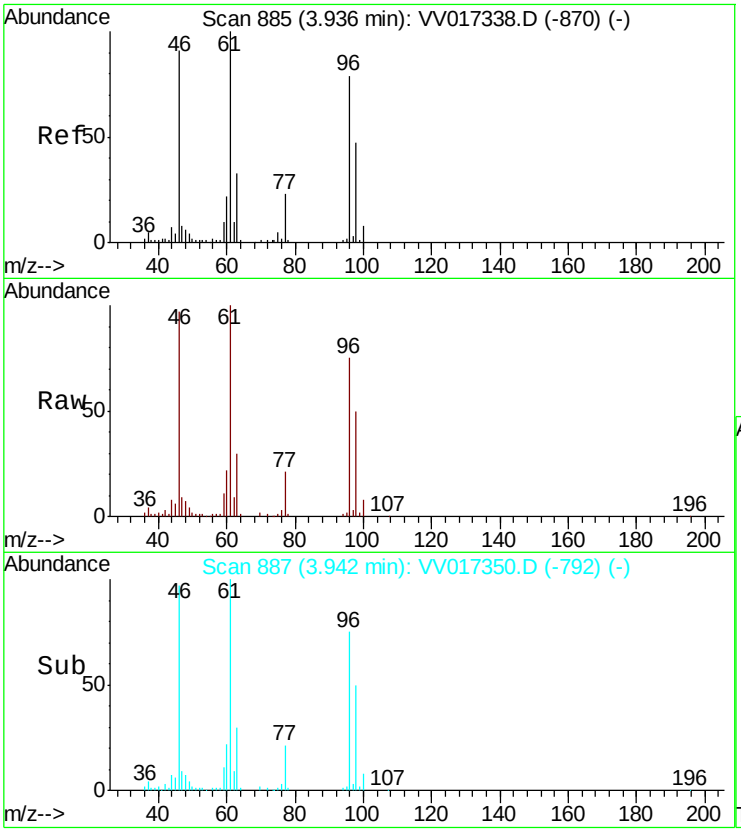


#19
1,1-Dichloroethane
Concen: 0.139 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 63 Resp: 2540

Ion	Ratio	Lower	Upper
63	100		
65	26.7	21.8	40.4
83	9.7	9.7	17.9



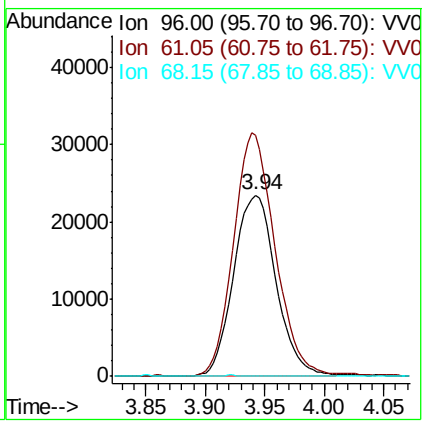


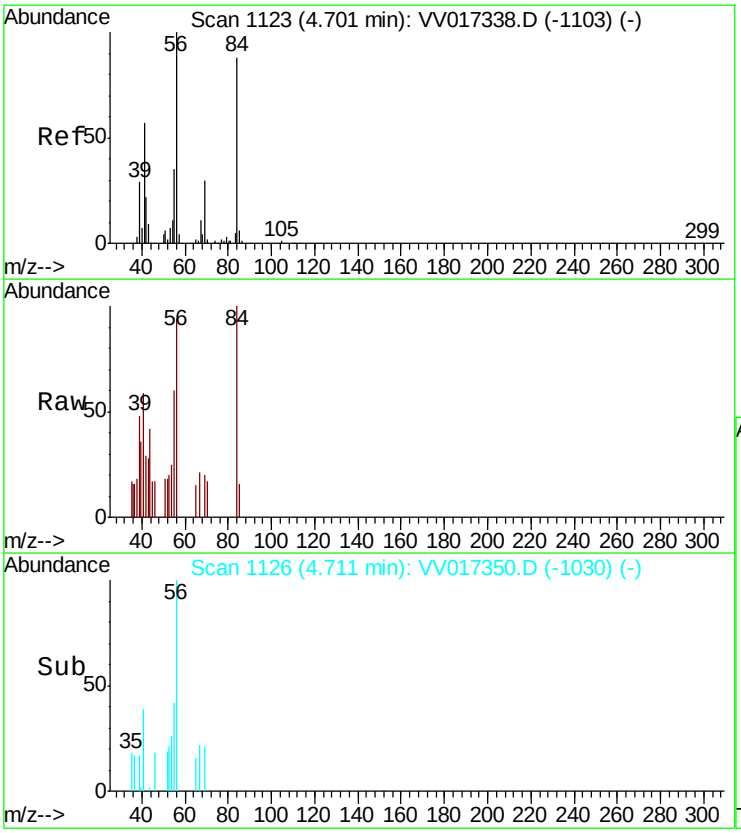
#22
cis-1,2-Dichloroethene
Concen: 5.216 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument :
MSVOA_V
ClientSampleId :
H4273

Tgt Ion: 96 Resp: 58135

Ion	Ratio	Lower	Upper
96	100		
61	133.4	91.0	169.0
68	0.0	0.0	0.0

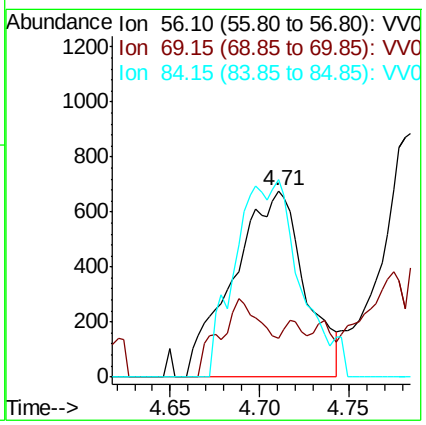


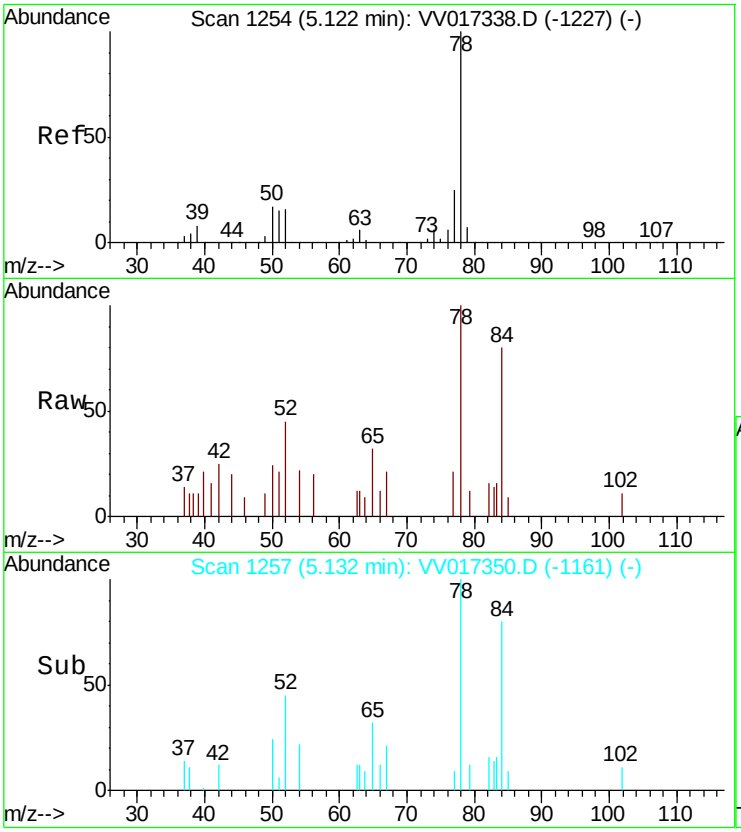


#30
Cyclohexane
Concen: 0.105 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 56 Resp: 1885

Ion	Ratio	Lower	Upper
56	100		
69	9.1	24.4	36.6#
84	0.0	69.9	104.9#

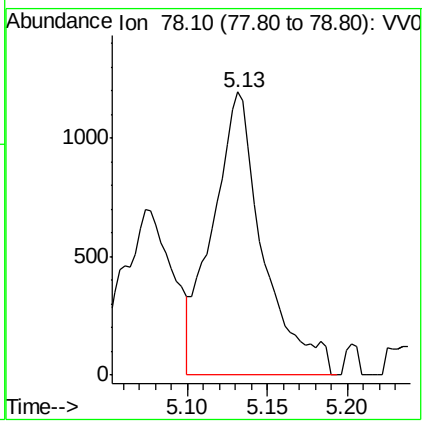


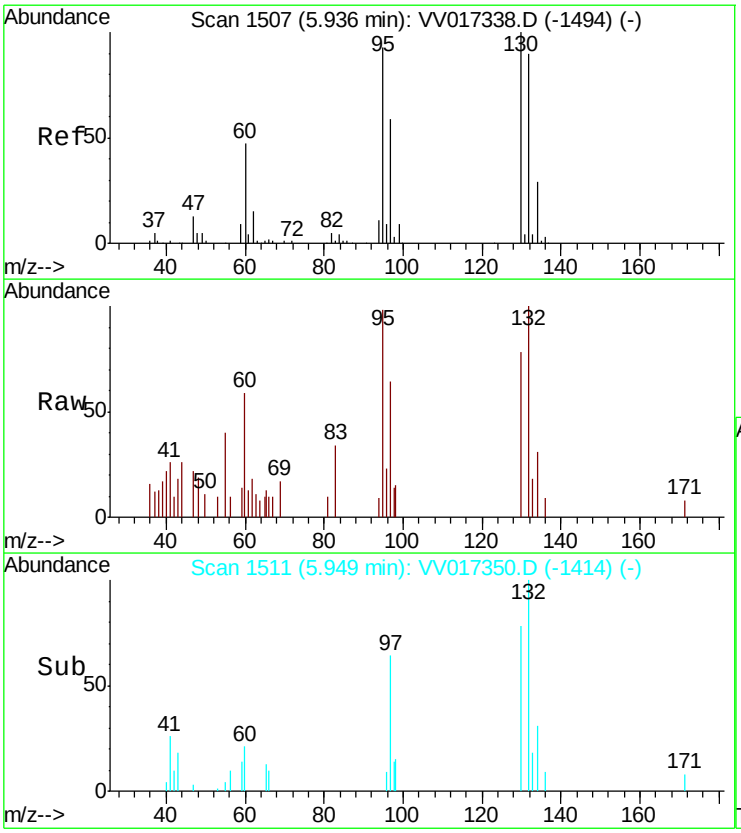


#33
Benzene
Concen: 0.063 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument :
MSVOA_V
ClientSampleId :
H4273

Tgt Ion: 78 Resp: 2591

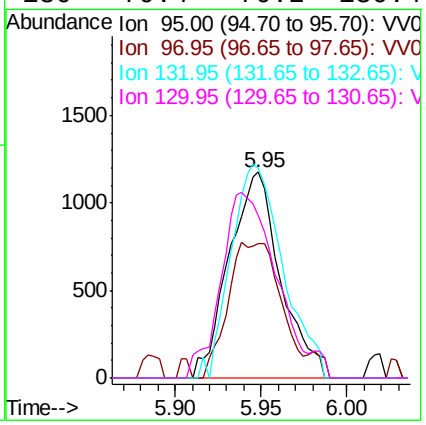


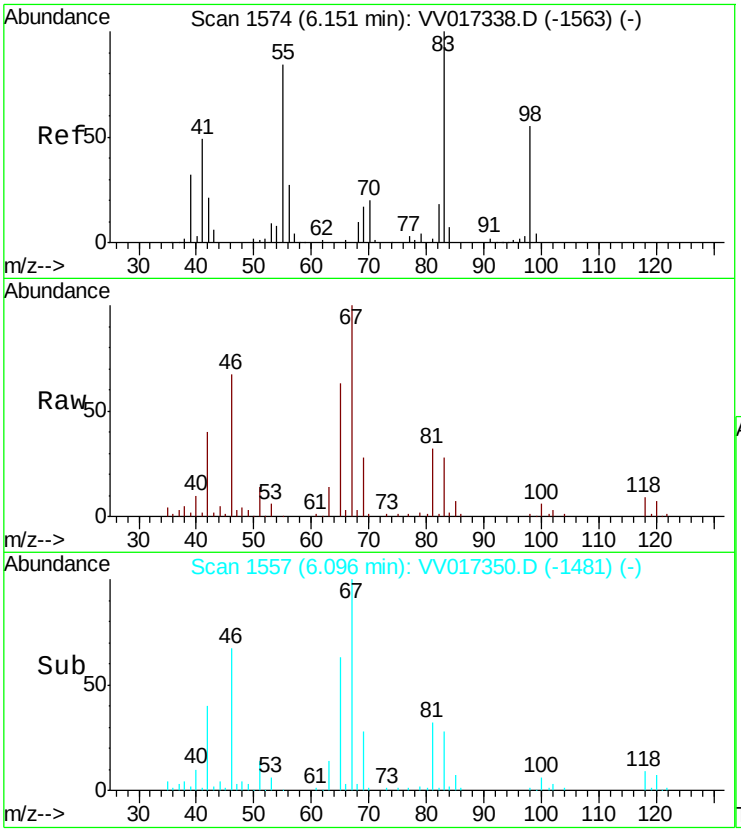


#34
Trichloroethene
Concen: 0.204 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 95 Resp: 2456

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.3	84.1
132	101.9	68.8	127.8
130	79.4	70.2	130.4



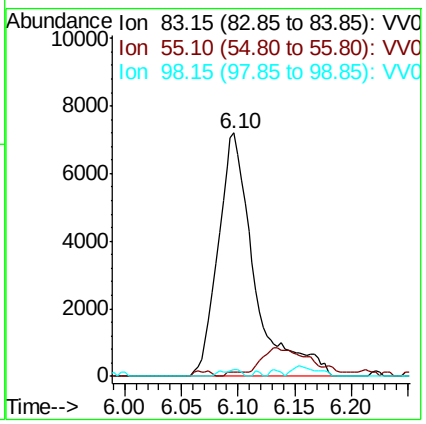


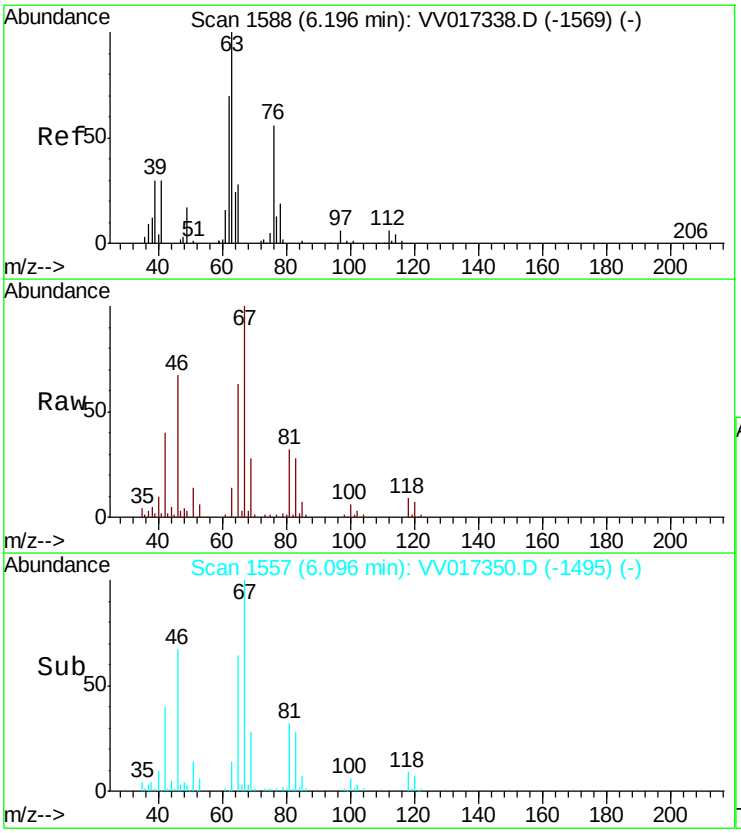
#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument :
MSVOA_V
ClientSampleId :
H4273

Tgt Ion: 83 Resp: 16069

Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.6	95.4#
98	1.4	38.8	58.2#

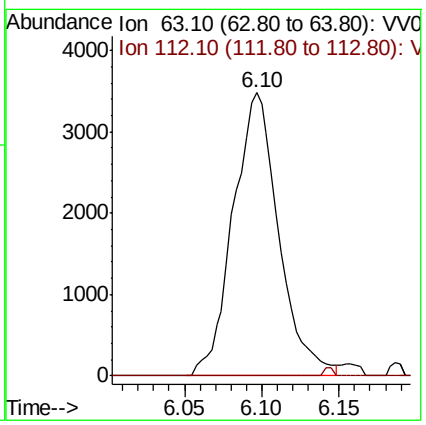


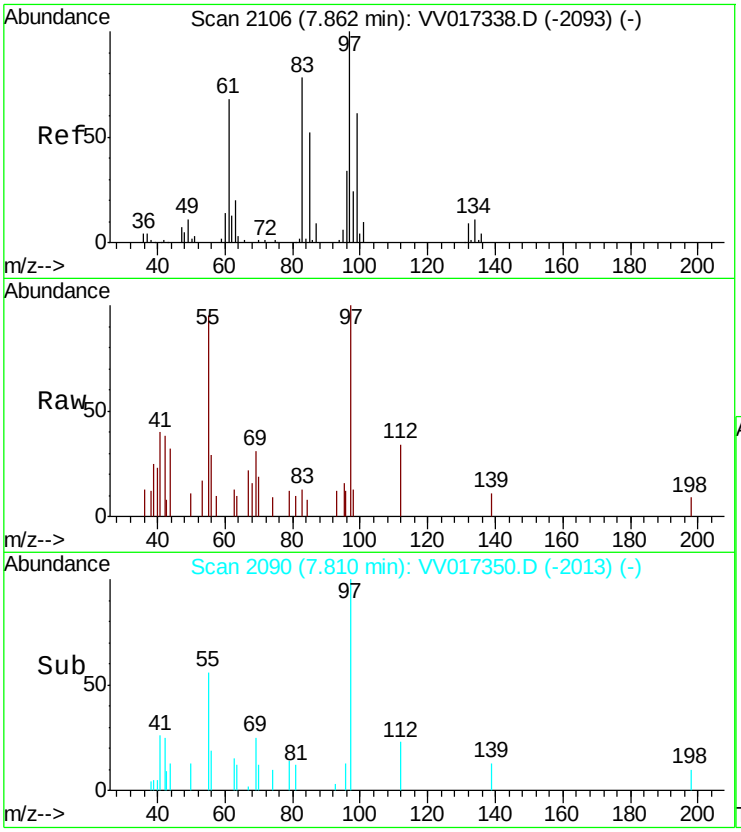


#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 63 Resp: 7143

Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.4	6.6#



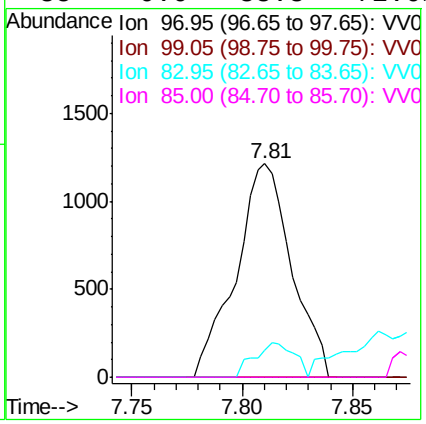


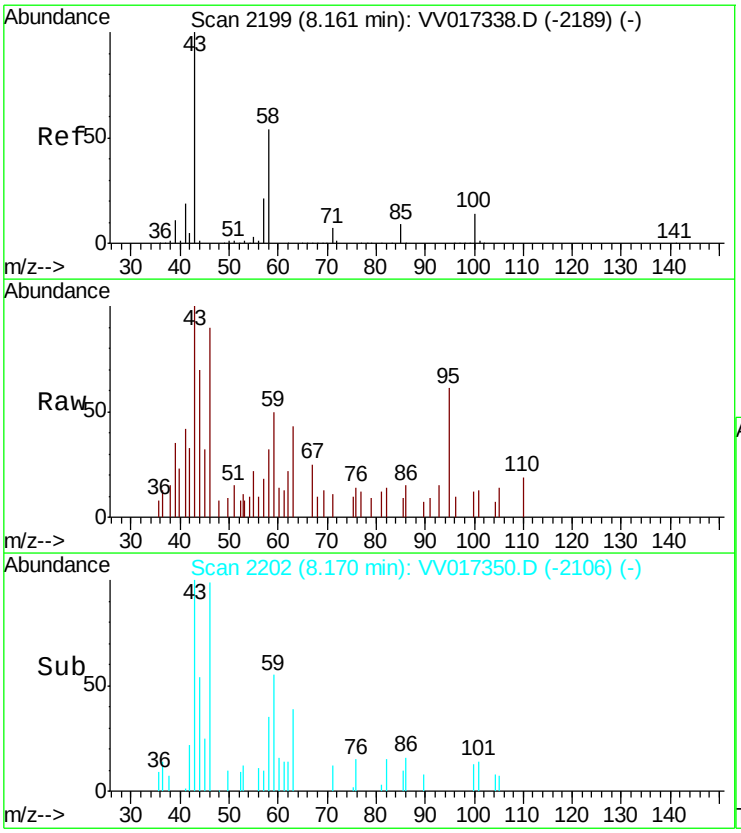
#47
1,1,2-Trichloroethane
Concen: 0.294 ug/L
RT: 7.81 min Scan# 2090
Delta R.T. -0.05 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Instrument :
MSVOA_V
ClientSampleId :
H4273

Tgt Ion: 97 Resp: 2125

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.6	81.0#
83	12.6	57.4	106.6#
85	0.0	38.8	72.0#

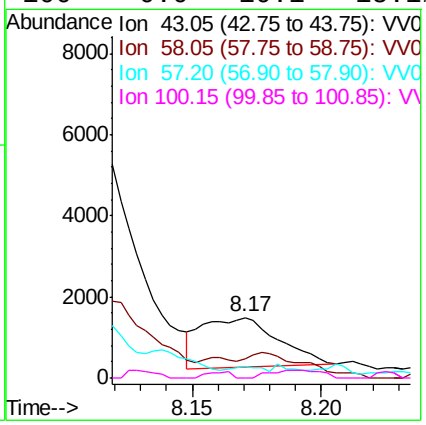


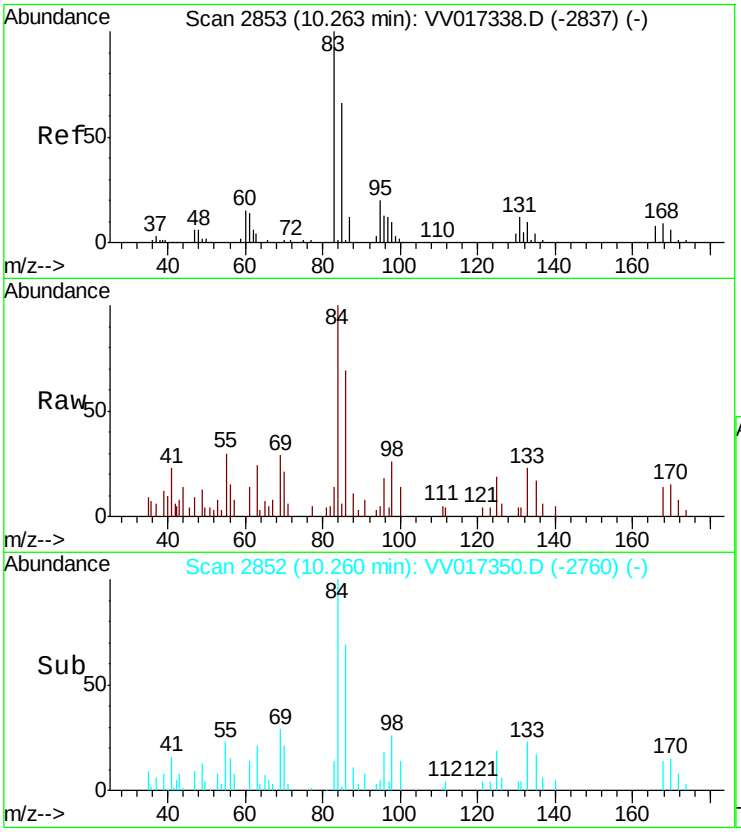


#50
2-Hexanone
Concen: 0.610 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 43 Resp: 2556

Ion	Ratio	Lower	Upper
43	100		
58	39.6	41.6	62.4#
57	10.8	15.4	23.0#
100	0.0	10.1	15.1#

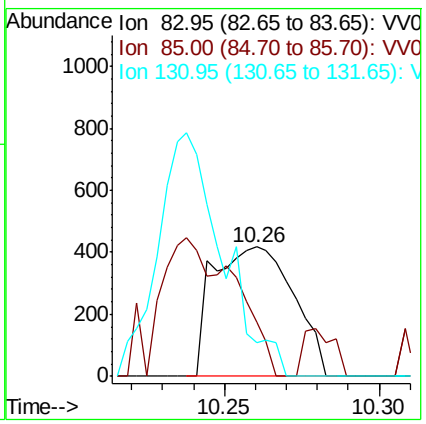




#60
1,1,2,2-Tetrachloroethane
Concen: 0.101 ug/L
RT: 10.26 min Scan# 2852
Delta R.T. -0.00 min
Lab File: VV017350.D
Acq: 06 Jul 2020 14:29

Tgt Ion: 83 Resp: 758

Ion	Ratio	Lower	Upper
83	100		
85	41.5	42.9	79.7#
131	25.9	8.6	13.0#



Instrument :
MSVOA_V
ClientSampleId :
H4273