Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017351.D
Acq On : 06 Jul 2020 14:53
Operator : SY/MD
Sample : L3154-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4298

Quant Time: Jul 07 01:18:45 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	171372	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160751	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78150	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34769	3.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.60%			
7) Chloroethane-d5	1.58	69	34527	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.12	63	60011	3.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.40%			
20) 2-Butanone-d5	3.96	46	43787	16.70	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 33.40%#			
24) Chloroform-d	4.38	84	100608	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.06	65	56455	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.08	84	176092	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.10	67	52868	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.60%			
41) Toluene-d8	7.34	98	155106	3.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.20%			
45) trans-1,3-Dichloropropene-	7.65	79	18174	3.50	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.00%			
48) 2-Hexanone-d5	8.12	63	79297	40.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.04%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38783	4.67	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%			
65) 1,2-Dichlorobenzene-d4	11.65	152	67839	4.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	31917	2.838	ug/L	95
8) Chloroethane	1.37	64	573	0.092	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	702	0.077	ug/L #	21
13) Acetone	2.22	43	2006	1.514	ug/L	78
14) Carbon disulfide	2.31	76	3544	0.144	ug/L #	76
16) Methylene chloride	2.52	84	1547	0.176	ug/L	91
18) trans-1,2-Dichloroethene	2.78	96	4638	0.532	ug/L	96
19) 1,1-Dichloroethane	3.22	63	3140	0.160	ug/L #	86
22) cis-1,2-Dichloroethene	3.94	96	79846	6.699	ug/L	96
25) Chloroform	4.40	83	3678	0.172	ug/L	87
33) Benzene	5.13	78	11985	0.285	ug/L	100
34) Trichloroethene	5.95	95	3616	0.293	ug/L	88
35) Methylcyclohexane	6.10	83	14214	0.742	ug/L #	19
37) 1,2-Dichloropropane	6.10	63	7016	0.673	ug/L #	85
39) cis-1,3-Dichloropropene	7.01	75	1838	0.119	ug/L #	82
42) Toluene	7.41	91	10042	0.205	ug/L	97
46) trans-1,3-Dichloropropene	7.64	75	974	0.073	ug/L	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017351.D
Acq On : 06 Jul 2020 14:53
Operator : SY/MD
Sample : L3154-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4298

Quant Time: Jul 07 01:18:45 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)
50) 2-Hexanone	8.17	43	3035	0.709	ug/L	#	56
53) Chlorobenzene	8.91	112	2405	0.079	ug/L	#	87
54) Ethylbenzene	9.04	91	19815	0.379	ug/L		99
55) m,p-xylene	9.16	106	4383	0.214	ug/L		85
58) Isopropylbenzene	9.96	105	2711	0.052	ug/L	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017351.D
Acq On : 06 Jul 2020 14:53
Operator : SY/MD
Sample : L3154-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
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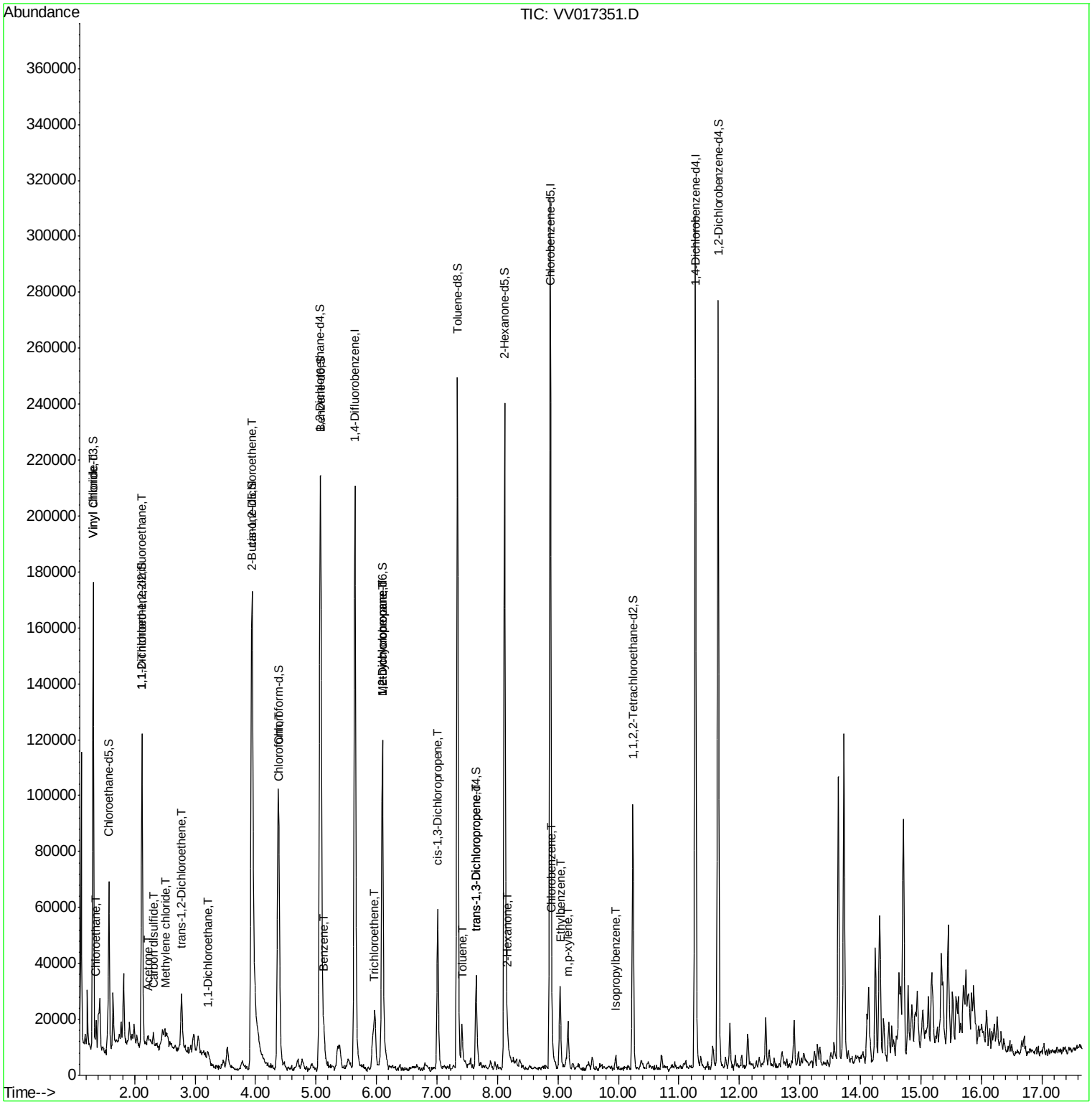
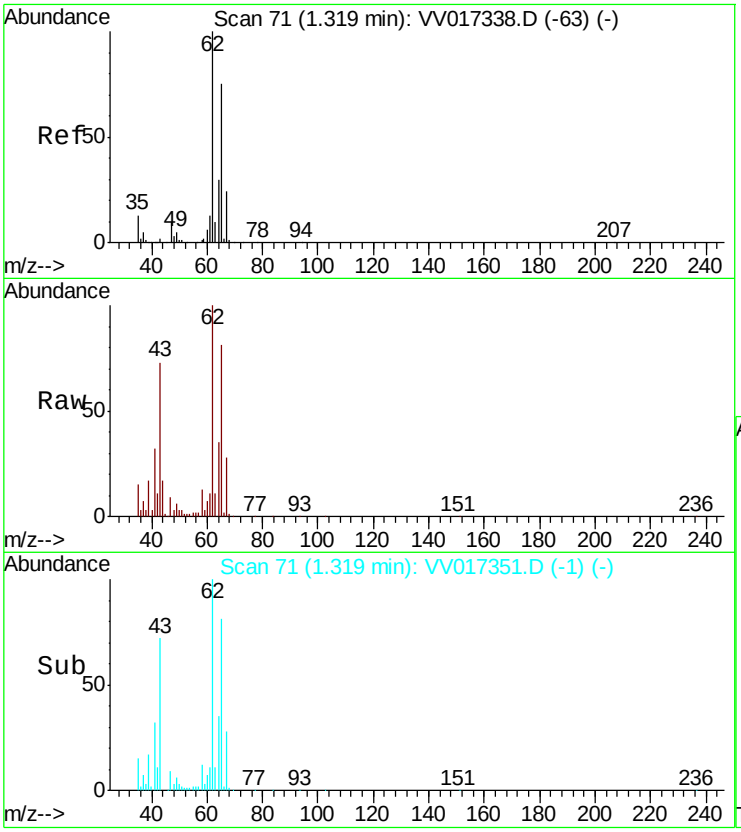
Quant Time: Jul 07 01:18:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration



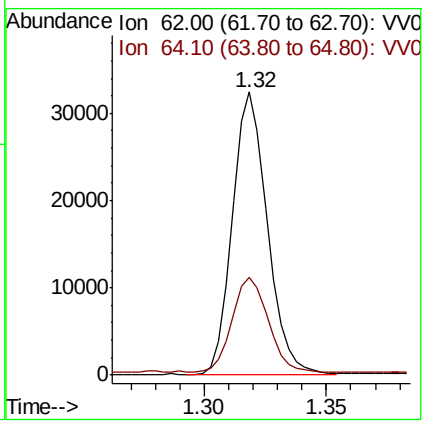


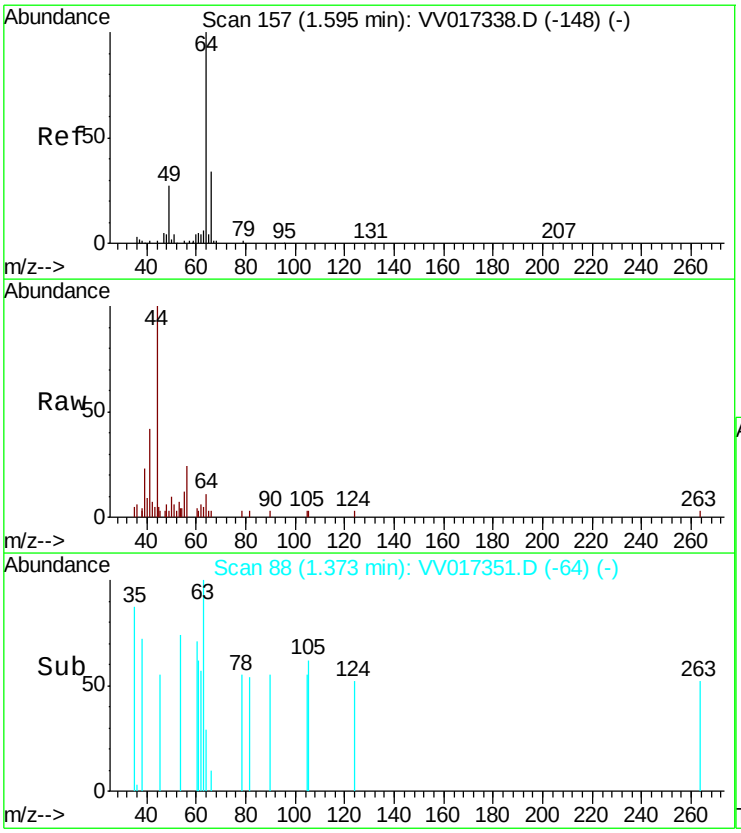
#5
Vinyl chloride
Concen: 2.838 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument :
MSVOA_V
ClientSampleId :
H4298

Tgt Ion: 62 Resp: 31917

Ion	Ratio	Lower	Upper
62	100		
64	34.6	22.5	41.7

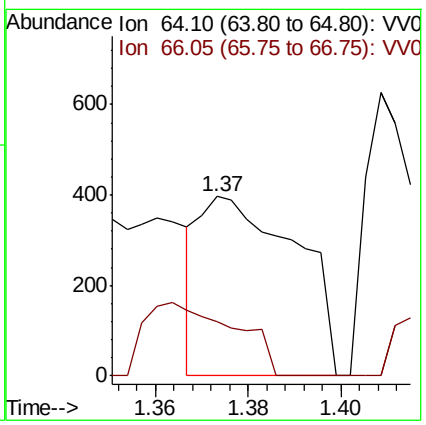


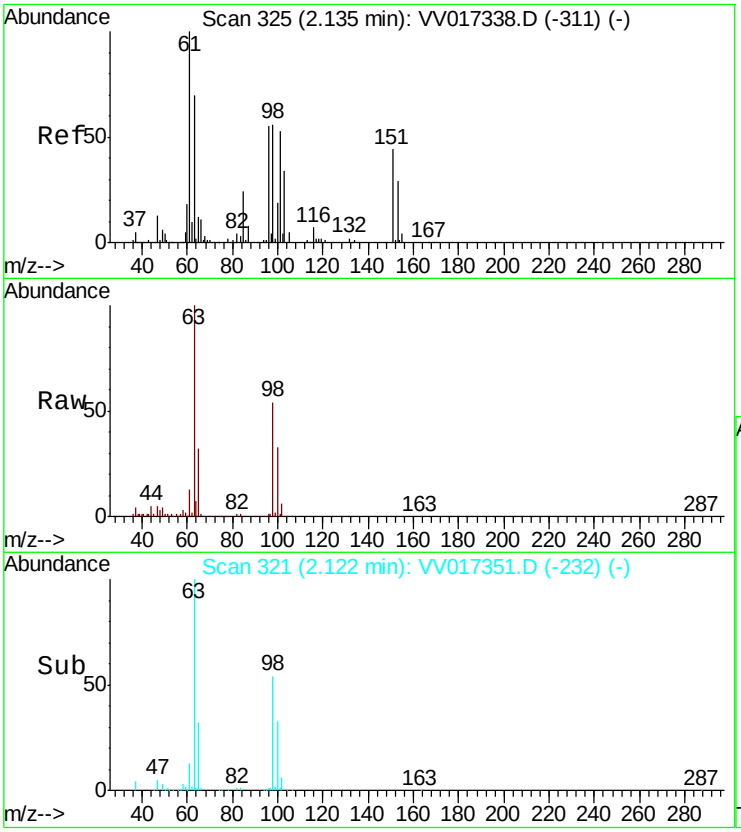


#8
Chloroethane
Concen: 0.092 ug/L
RT: 1.37 min Scan# 88
Delta R.T. -0.22 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 64 Resp: 573

Ion	Ratio	Lower	Upper
64	100		
66	23.5	22.8	42.4



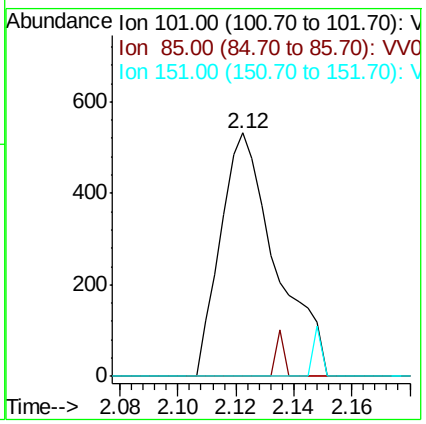


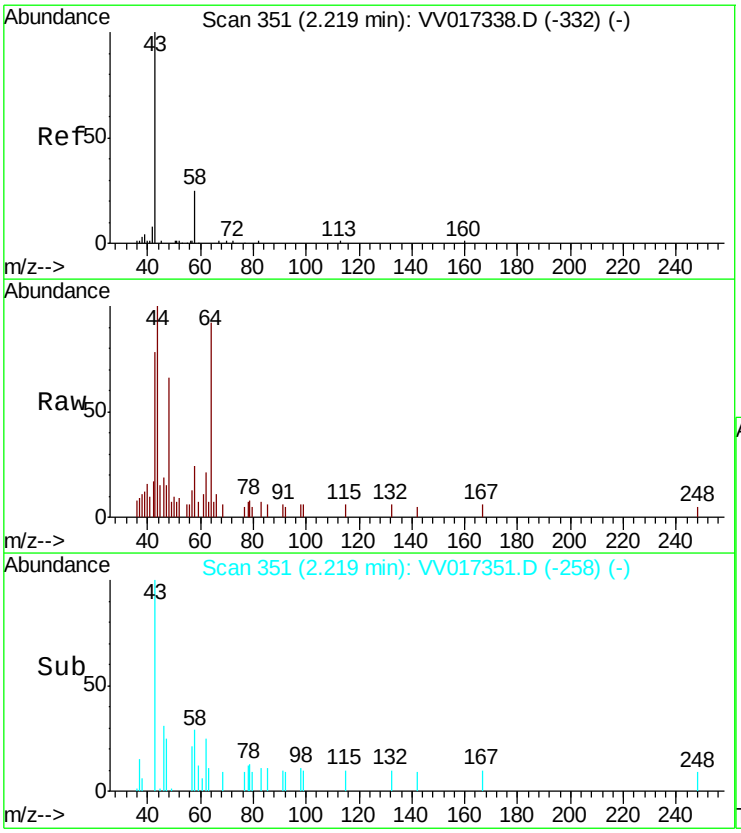
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument : MSVOA_V
ClientSampleId : H4298

Tgt Ion:101 Resp: 702

Ion	Ratio	Lower	Upper
101	100		
85	2.8	35.4	53.2#
151	3.0	63.9	95.9#

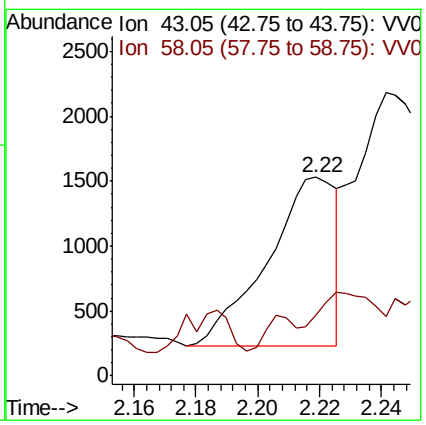


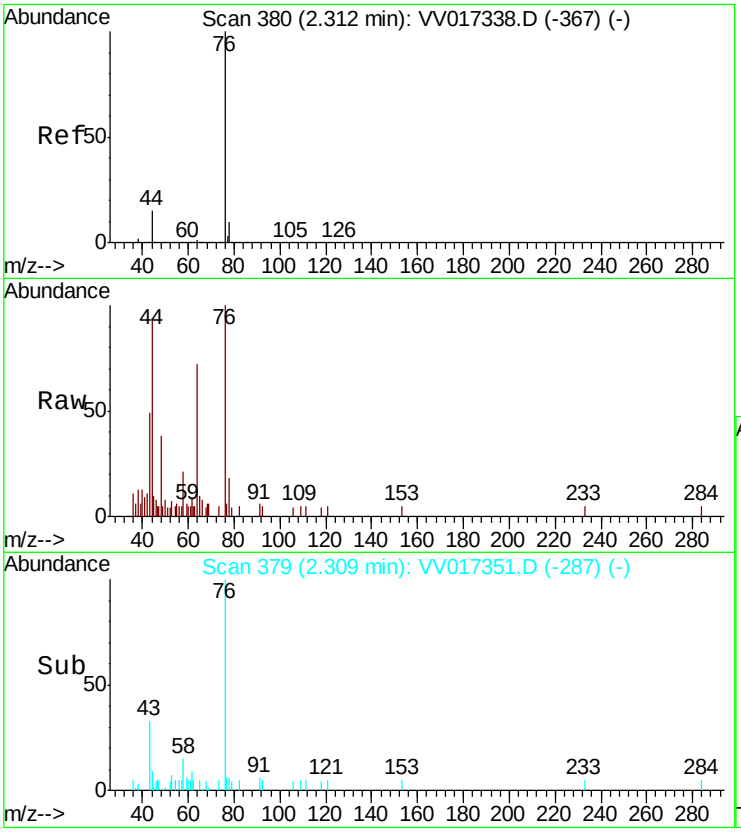


#13
Acetone
Concen: 1.514 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 43 Resp: 2006

Ion	Ratio	Lower	Upper
43	100		
58	40.7	0.0	58.4



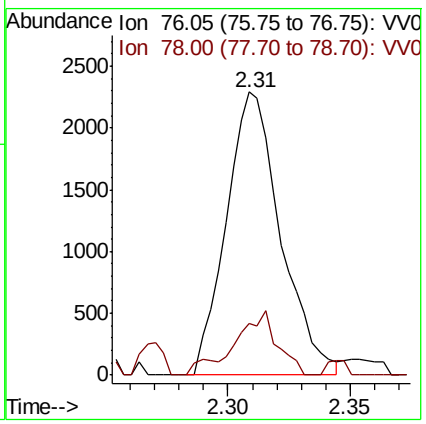


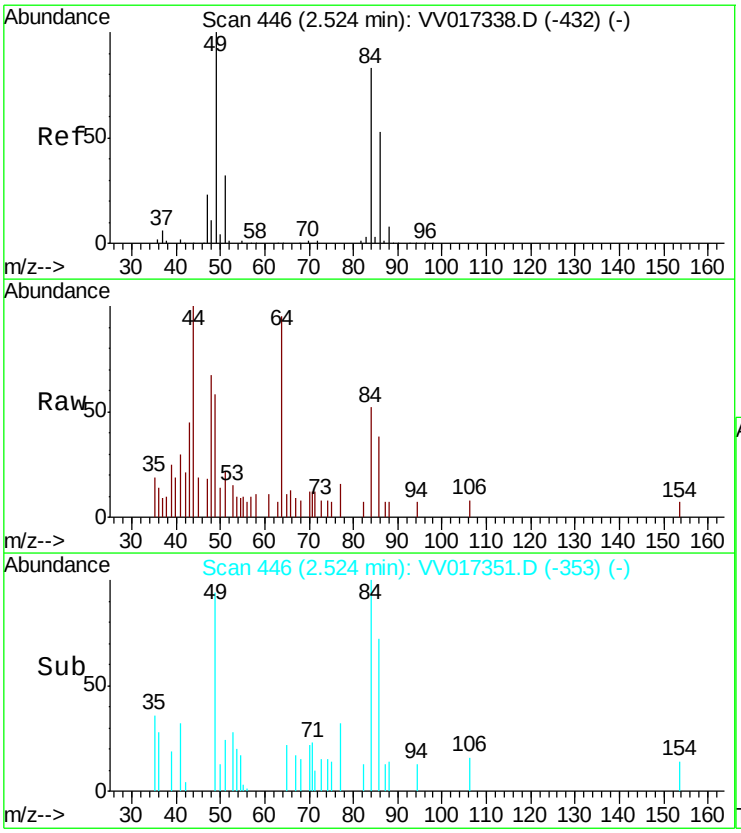
#14
Carbon disulfide
Concen: 0.144 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument : MSVOA_V
ClientSampleId : H4298

Tgt Ion: 76 Resp: 3544

Ion	Ratio	Lower	Upper
76	100		
78	18.3	7.7	11.5#

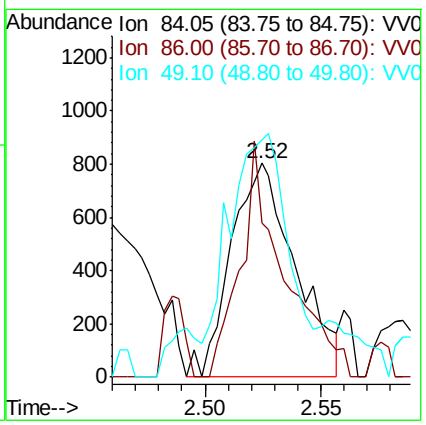


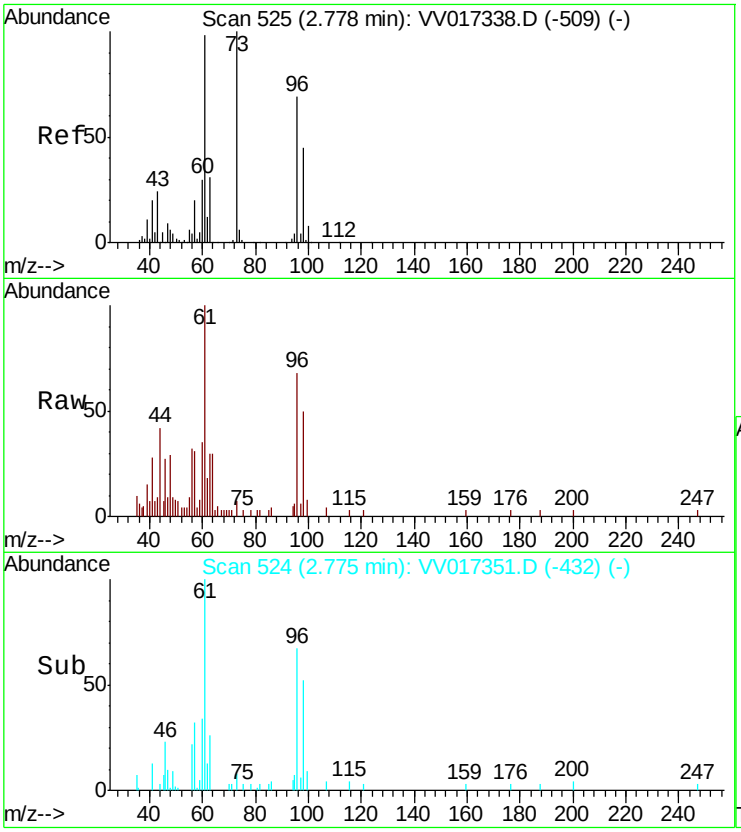


#16
Methylene chloride
Concen: 0.176 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 84 Resp: 1547

Ion	Ratio	Lower	Upper
84	100		
86	72.3	45.8	85.0
49	138.7	89.6	166.4



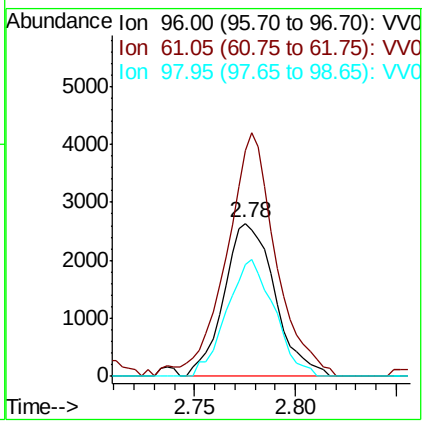


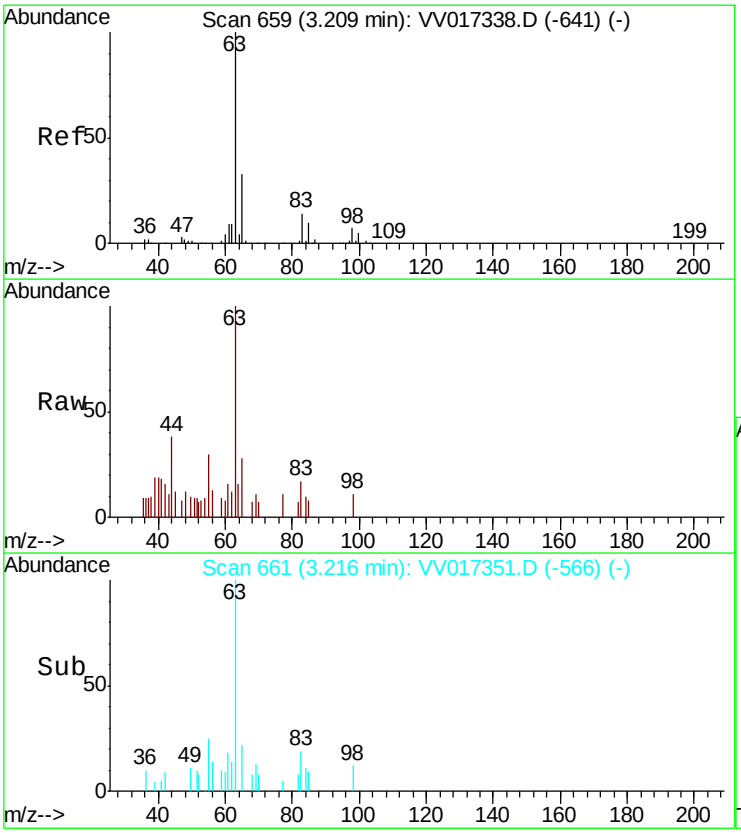
#18
trans-1,2-Dichloroethene
Concen: 0.532 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument : MSVOA_V
ClientSampleId : H4298

Tgt Ion: 96 Resp: 4638

Ion	Ratio	Lower	Upper
96	100		
61	147.6	102.3	189.9
98	73.1	44.7	82.9

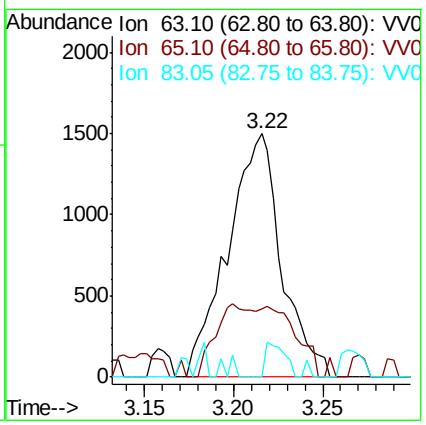


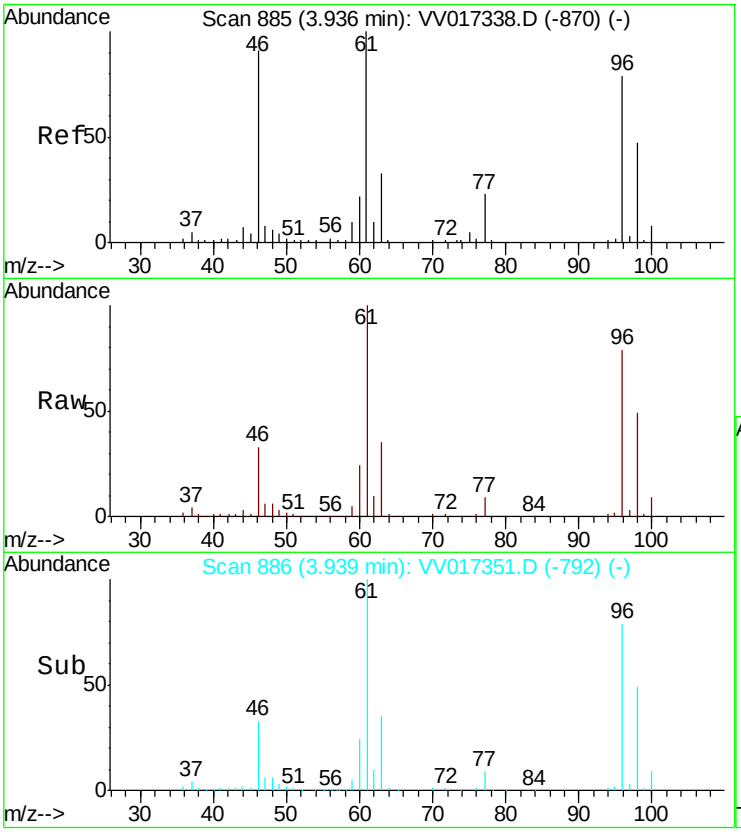


#19
1,1-Dichloroethane
Concen: 0.160 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 63 Resp: 3140

Ion	Ratio	Lower	Upper
63	100		
65	28.1	21.8	40.4
83	0.0	9.7	17.9#



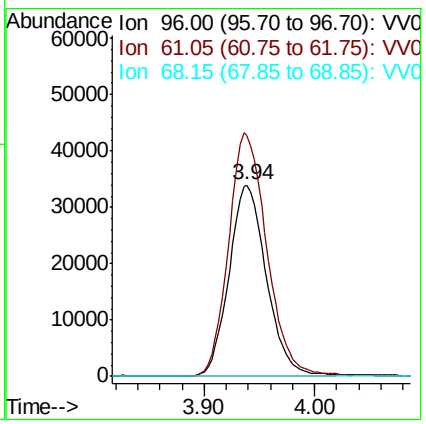


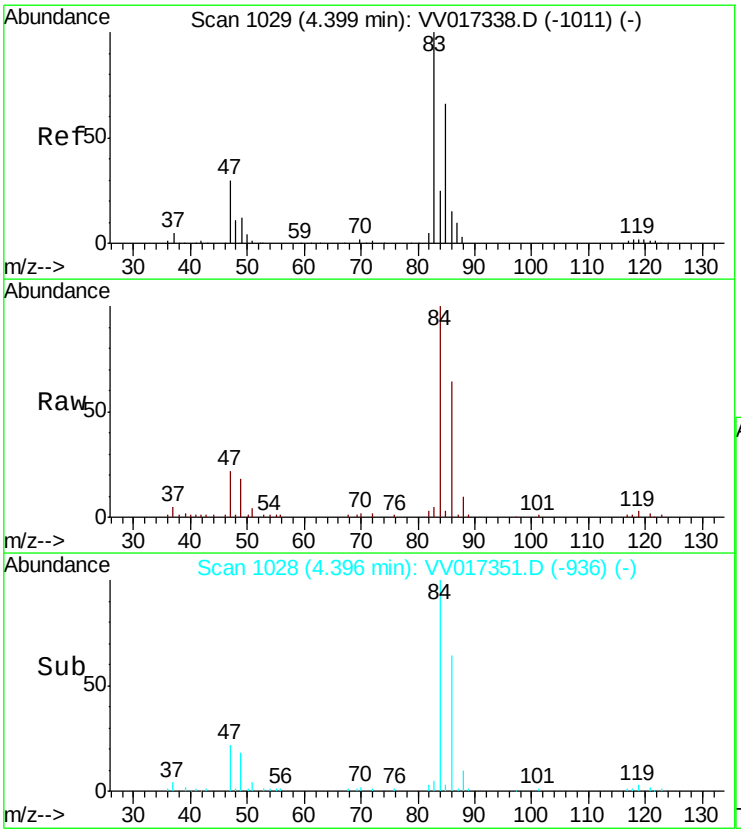
#22
cis-1,2-Dichloroethene
Concen: 6.699 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument :
MSVOA_V
ClientSampleId :
H4298

Tgt Ion: 96 Resp: 79846

Ion	Ratio	Lower	Upper
96	100		
61	125.8	91.0	169.0
68	0.0	0.0	0.0

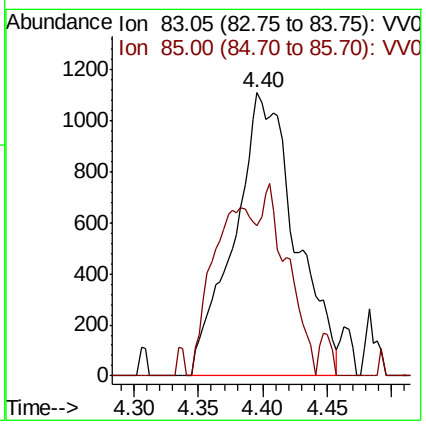


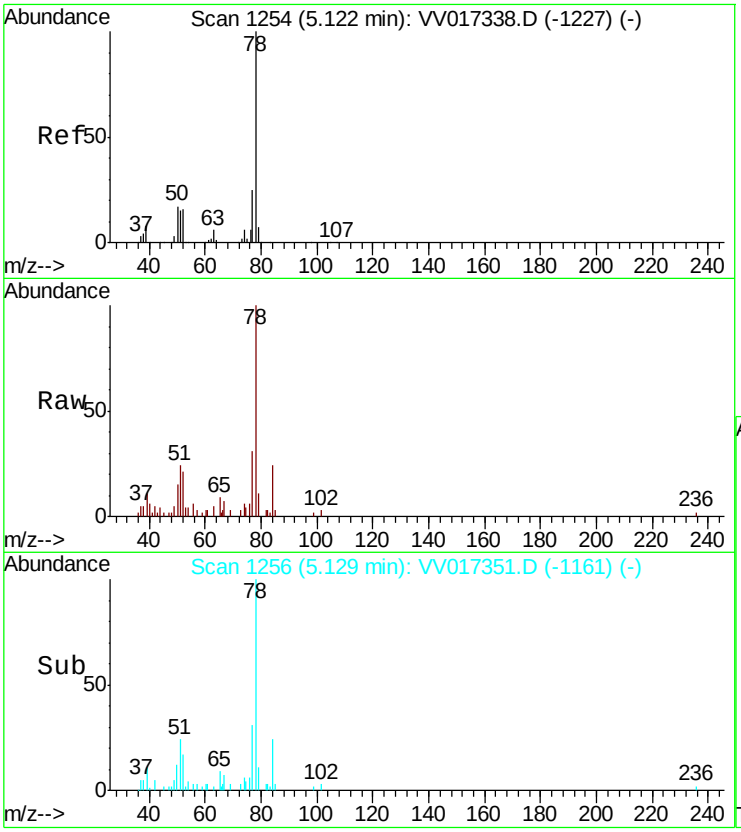


#25
Chloroform
Concen: 0.172 ug/L
RT: 4.40 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 83 Resp: 3678

Ion	Ratio	Lower	Upper
83	100		
85	53.3	44.2	82.2

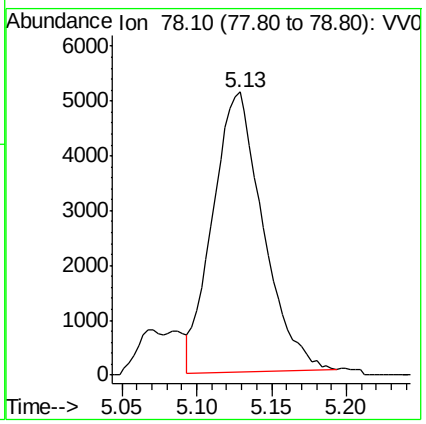


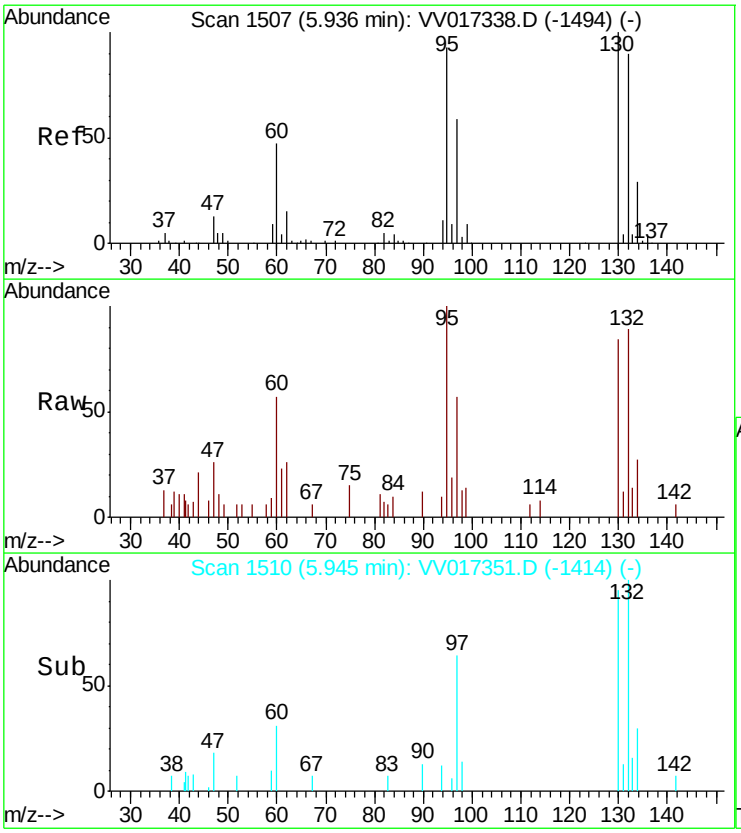


#33
Benzene
Concen: 0.285 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument :
MSVOA_V
ClientSampleId :
H4298

Tgt Ion: 78 Resp: 11985

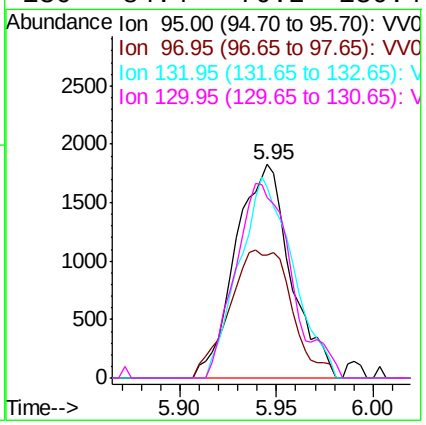


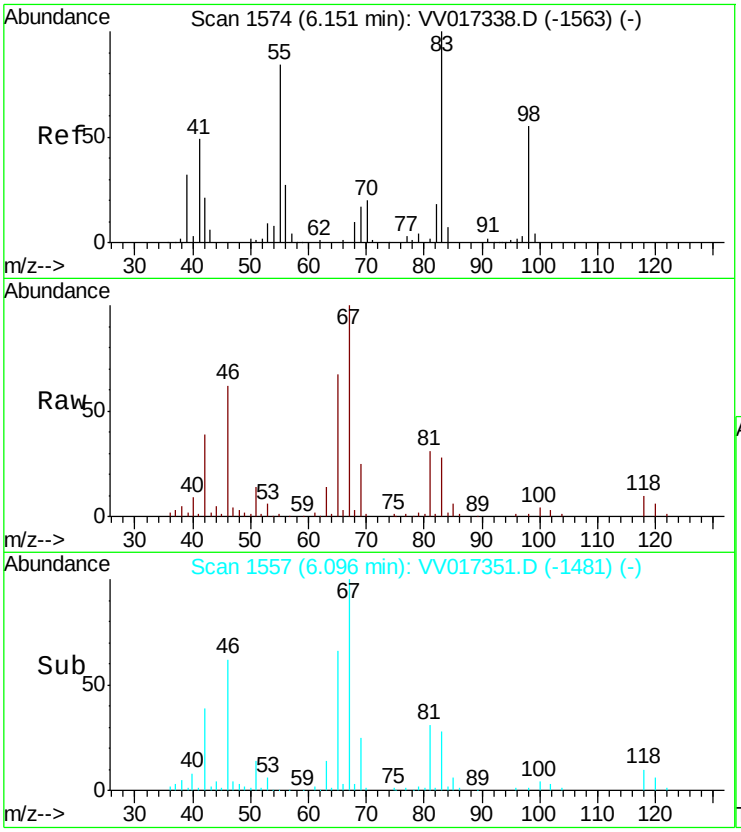


#34
Trichloroethene
Concen: 0.293 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 95 Resp: 3616

Ion	Ratio	Lower	Upper
95	100		
97	57.3	45.3	84.1
132	89.1	68.8	127.8
130	84.4	70.2	130.4



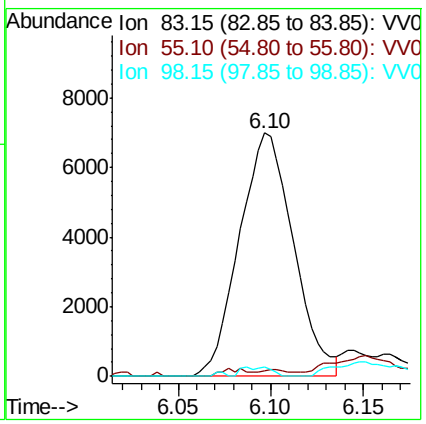


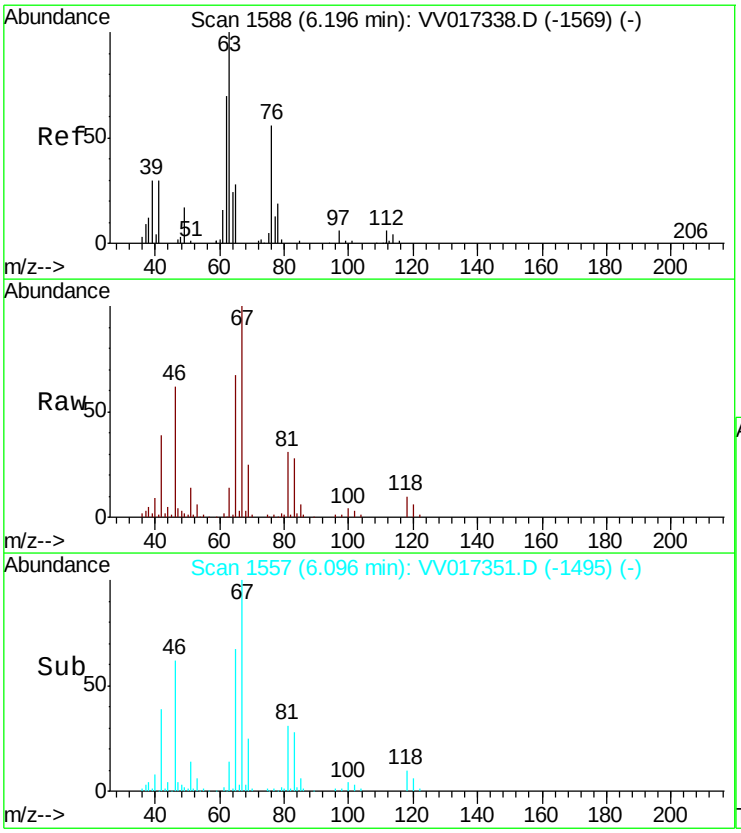
#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument : MSVOA_V
ClientSampleId : H4298

Tgt Ion: 83 Resp: 14214

Ion	Ratio	Lower	Upper
83	100		
55	1.7	63.6	95.4#
98	2.1	38.8	58.2#

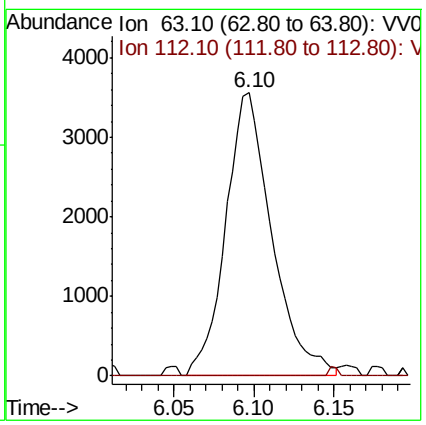


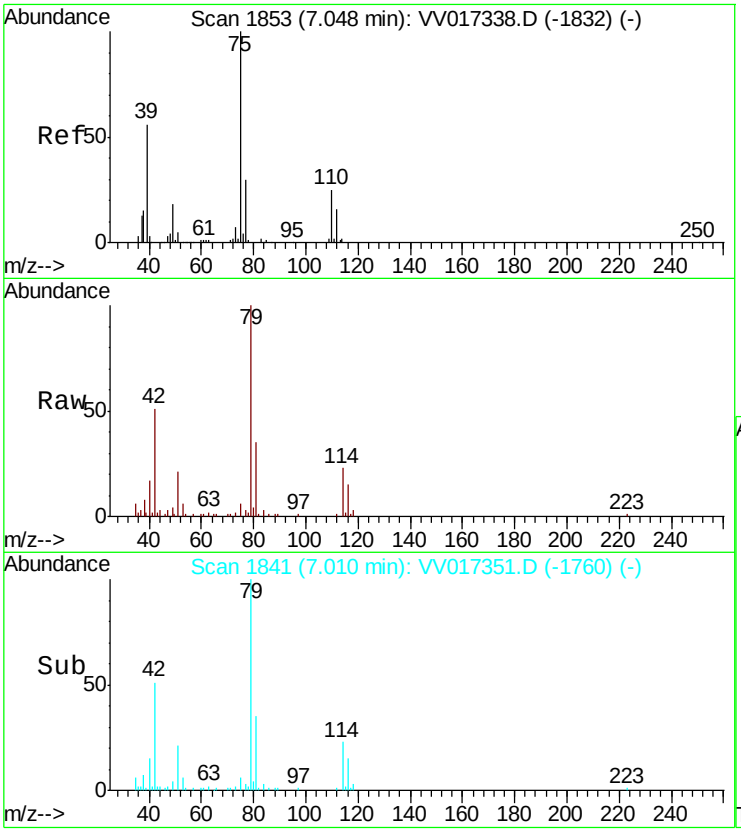


#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 63 Resp: 7016

Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.4	6.6#



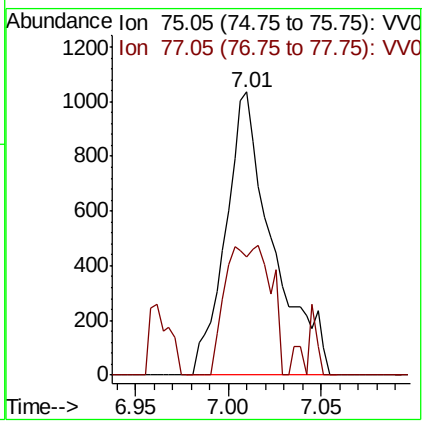


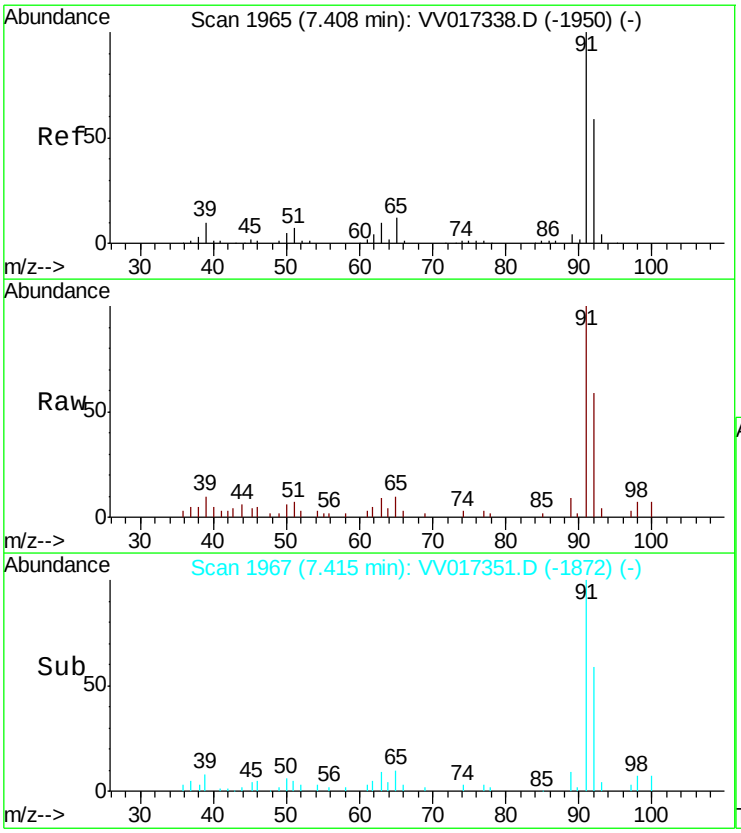
#39
cis-1,3-Dichloropropene
Concen: 0.119 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument : MSVOA_V
ClientSampleId : H4298

Tgt Ion: 75 Resp: 1838

Ion	Ratio	Lower	Upper
75	100		
77	41.8	22.3	41.5#

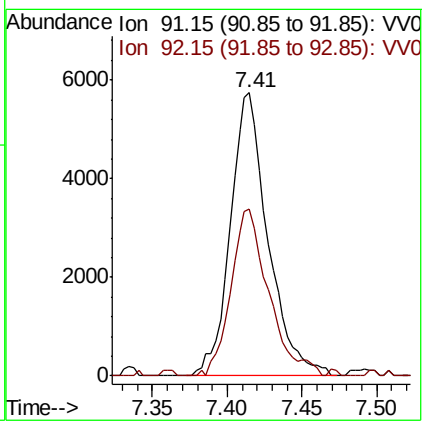


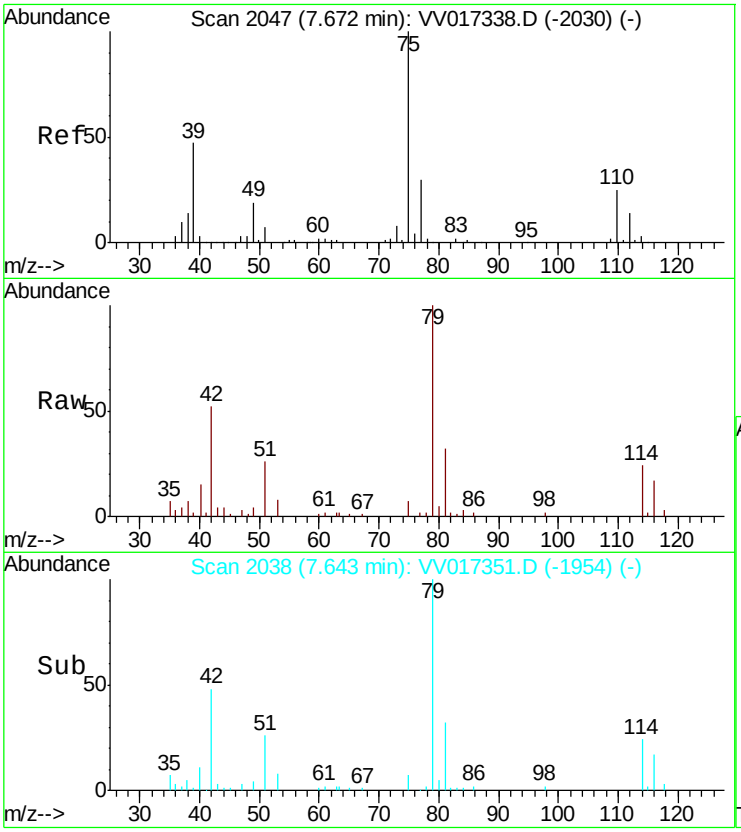


#42
Toluene
Concen: 0.205 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 91 Resp: 10042

Ion	Ratio	Lower	Upper
91	100		
92	58.9	39.9	74.1



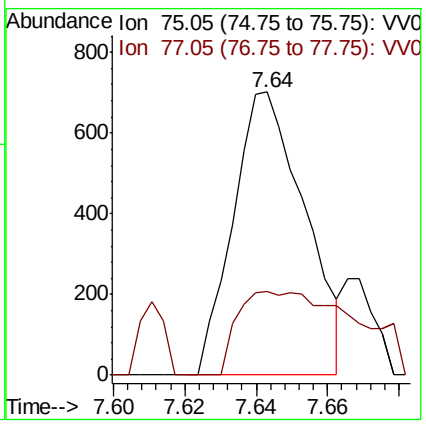


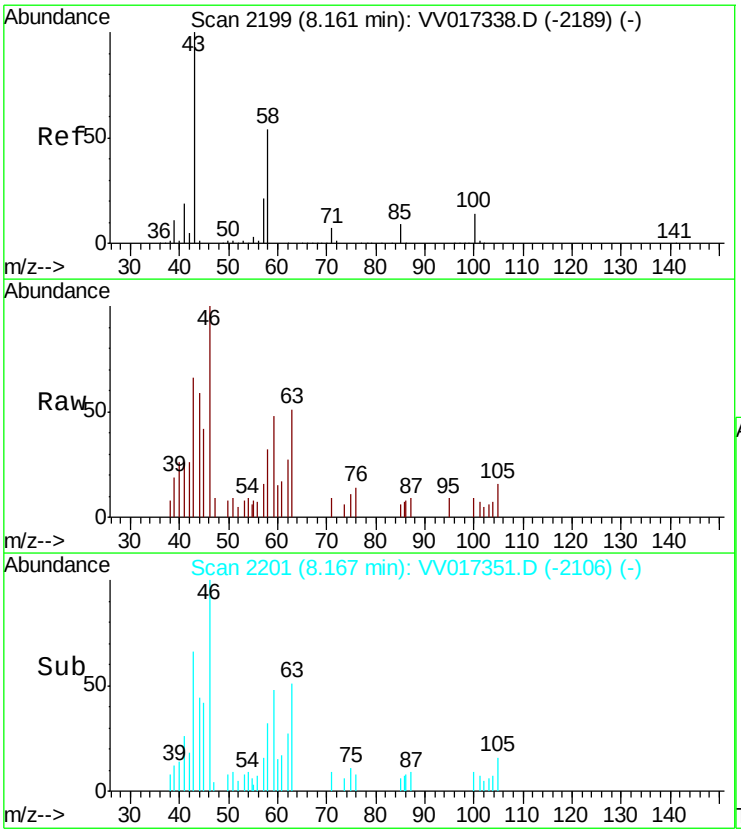
#46
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument :
MSVOA_V
ClientSampleId :
H4298

Tgt Ion: 75 Resp: 974

Ion	Ratio	Lower	Upper
75	100		
77	29.3	22.3	41.3

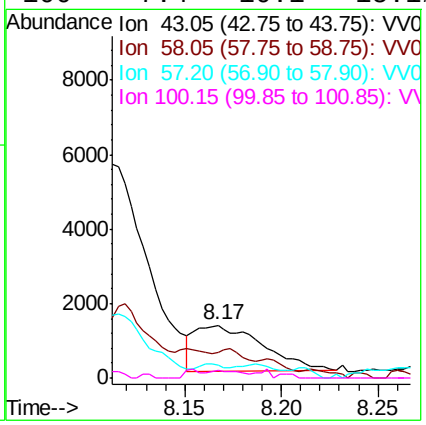


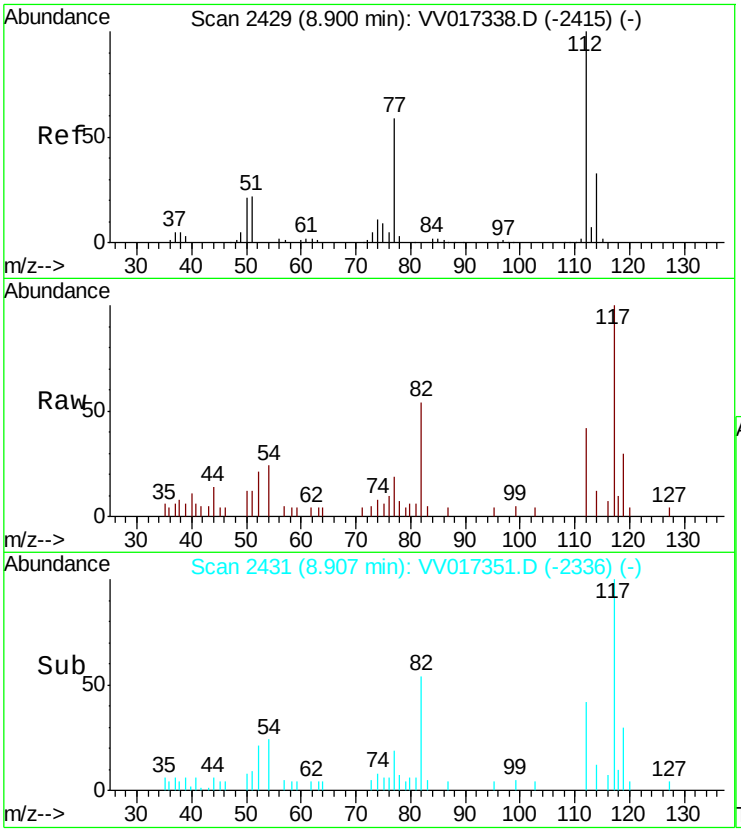


#50
2-Hexanone
Concen: 0.709 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 43 Resp: 3035

Ion	Ratio	Lower	Upper
43	100		
58	8.3	41.6	62.4#
57	12.7	15.4	23.0#
100	7.4	10.1	15.1#



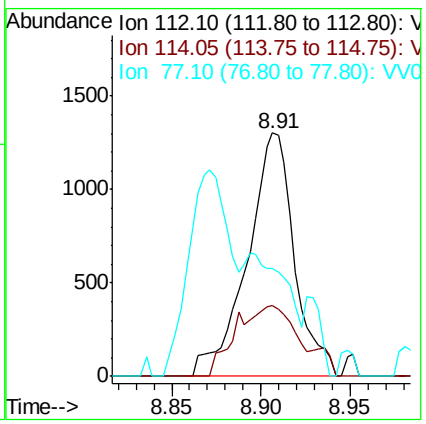


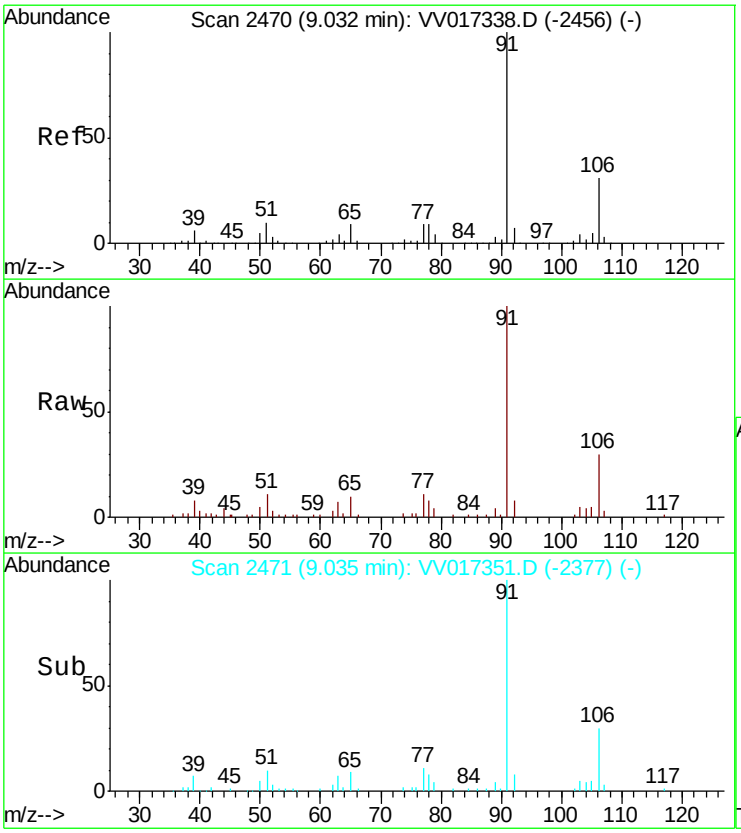
#53
Chlorobenzene
Concen: 0.079 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument : MSVOA_V
ClientSampleId : H4298

Tgt Ion:112 Resp: 2405

Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.0	41.0
77	44.4	46.0	69.0#

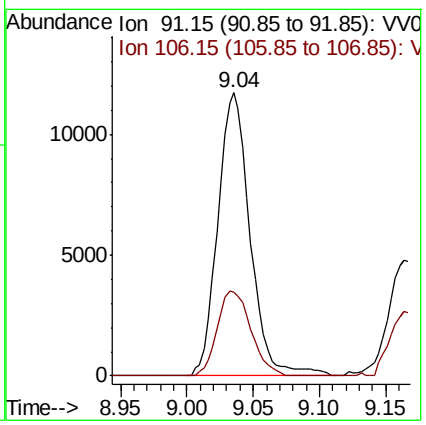


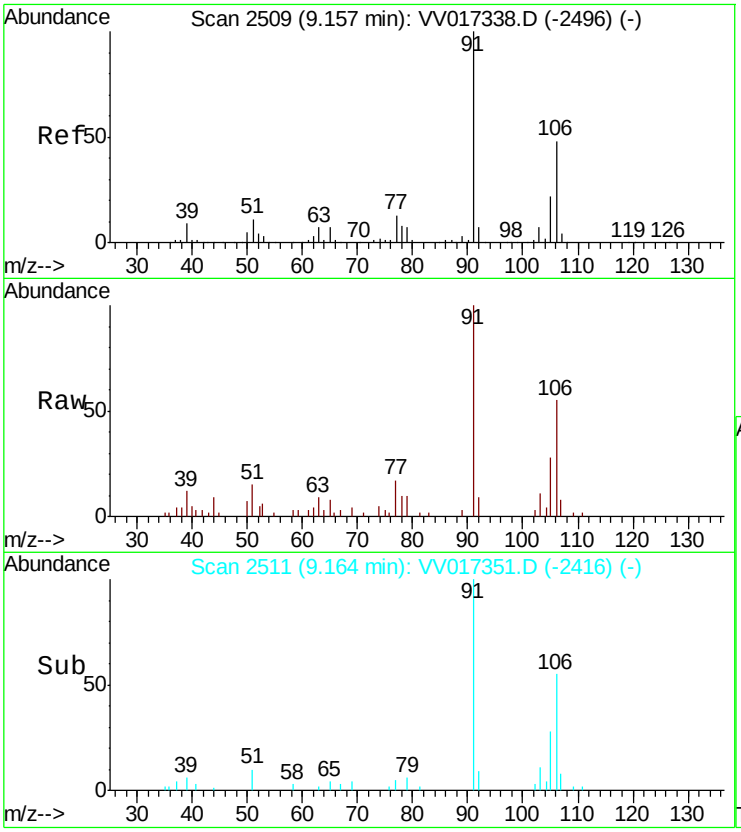


#54
Ethylbenzene
Concen: 0.379 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion: 91 Resp: 19815

Ion	Ratio	Lower	Upper
91	100		
106	29.8	21.1	39.1



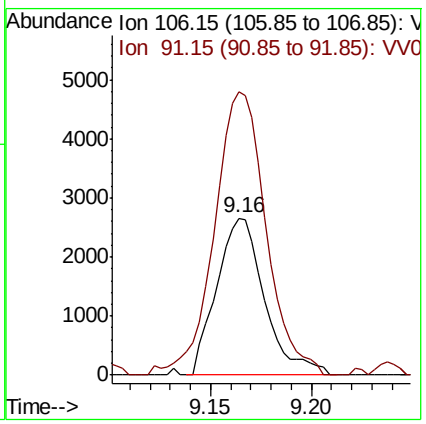


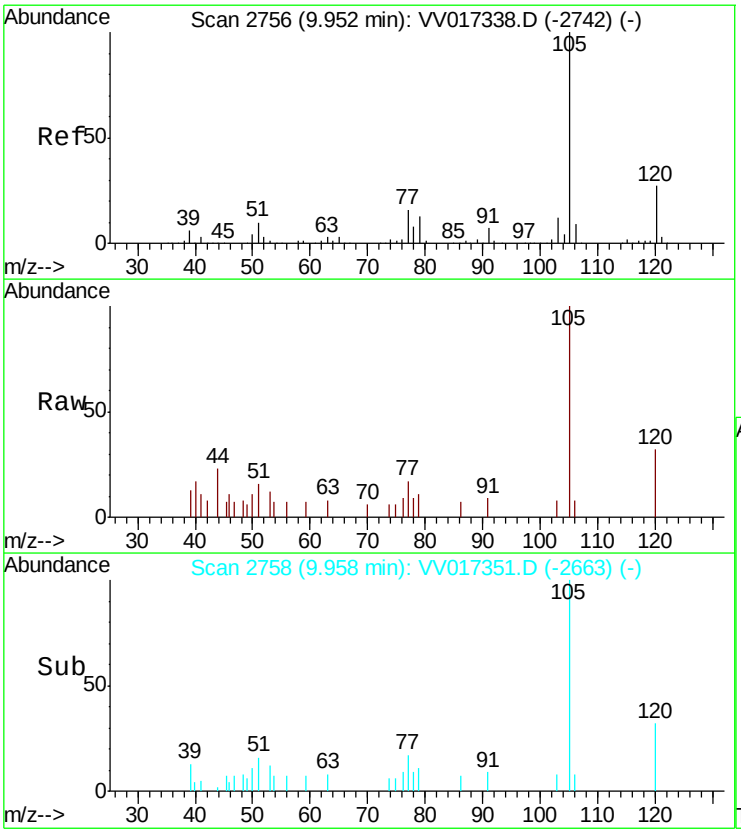
#55
m,p-xylene
Concen: 0.214 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Instrument : MSVOA_V
ClientSampleId : H4298

Tgt Ion:106 Resp: 4383

Ion	Ratio	Lower	Upper
106	100		
91	180.2	142.7	264.9





#58
Isopropylbenzene
Concen: 0.052 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VV017351.D
Acq: 06 Jul 2020 14:53

Tgt Ion:105 Resp: 2711

Ion	Ratio	Lower	Upper
105	100		
120	20.7	21.2	31.8#
77	18.3	13.0	19.4