Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017307.D
Acq On : 02 Jul 2020 13:48
Operator : SY/MD
Sample : L3154-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4269

Quant Time: Jul 03 01:16:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169999	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163629	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81417	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53633	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.58	69	37767	5.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.80%			
11) 1,1-Dichloroethene-d2	2.13	63	81437	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.80%			
20) 2-Butanone-d5	3.92	46	96555	37.13	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.26%			
24) Chloroform-d	4.38	84	103480	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.06	65	55495	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.08	84	181904	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
36) 1,2-Dichloropropane-d6	6.10	67	56186	4.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.40%			
41) Toluene-d8	7.34	98	159251	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
45) trans-1,3-Dichloropropene-	7.64	79	20805	3.93	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.60%			
48) 2-Hexanone-d5	8.11	63	66329	32.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.78%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39280	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	70983	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	27422	2.385	ug/L #	54
5) Vinyl chloride	1.32	62	1835354	164.529	ug/L	100
8) Chloroethane	1.52	64	155674	25.251	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1355	0.150	ug/L #	21
12) 1,1-Dichloroethene	2.14	96	30048	3.683	ug/L	89
13) Acetone	2.20	43	4136	3.146	ug/L	64
14) Carbon disulfide	2.32	76	5470	0.224	ug/L	98
15) Methyl Acetate	2.45	43	4326	1.346	ug/L #	53
16) Methylene chloride	2.52	84	1830	0.209	ug/L #	78
17) Methyl tert-butyl Ether	2.78	73	1880	0.092	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	427558	49.453	ug/L	99
19) 1,1-Dichloroethane	3.21	63	15226	0.784	ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	2129473	180.114	ug/L #	97
27) 1,2-Dichloroethane	5.16	62	2257	0.171	ug/L #	76
33) Benzene	5.13	78	68886	1.608	ug/L	100
34) Trichloroethene	5.94	95	395009	31.481	ug/L	98
35) Methylcyclohexane	6.16	83	2390	0.123	ug/L #	80

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017307.D
Acq On : 02 Jul 2020 13:48
Operator : SY/MD
Sample : L3154-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4269

Quant Time: Jul 03 01:16:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) cis-1,3-Dichloropropene	7.01	75	2066	0.131	ug/L		85
42) Toluene	7.41	91	115885	2.326	ug/L		100
43) 1,3,5-Trimethylbenzene	10.94	105	3932	0.088	ug/L		96
44) 1,2,4-Trimethylbenzene	10.94	105	3932	0.087	ug/L		91
46) trans-1,3-Dichloropropene	7.64	75	1060	0.078	ug/L		92
47) 1,1,2-Trichloroethane	7.86	97	702	0.093	ug/L	#	85
50) 2-Hexanone	8.16	43	3686	0.846	ug/L	#	72
53) Chlorobenzene	8.91	112	2307	0.074	ug/L		90
54) Ethylbenzene	9.04	91	31468	0.592	ug/L		94
55) m,p-xylene	9.16	106	21642	1.038	ug/L		99
56) o-xylene	9.57	106	10624	0.546	ug/L		94
58) Isopropylbenzene	9.96	105	3205	0.060	ug/L	#	96
70) Naphthalene	13.53	128	4211	0.184	ug/L	#	82

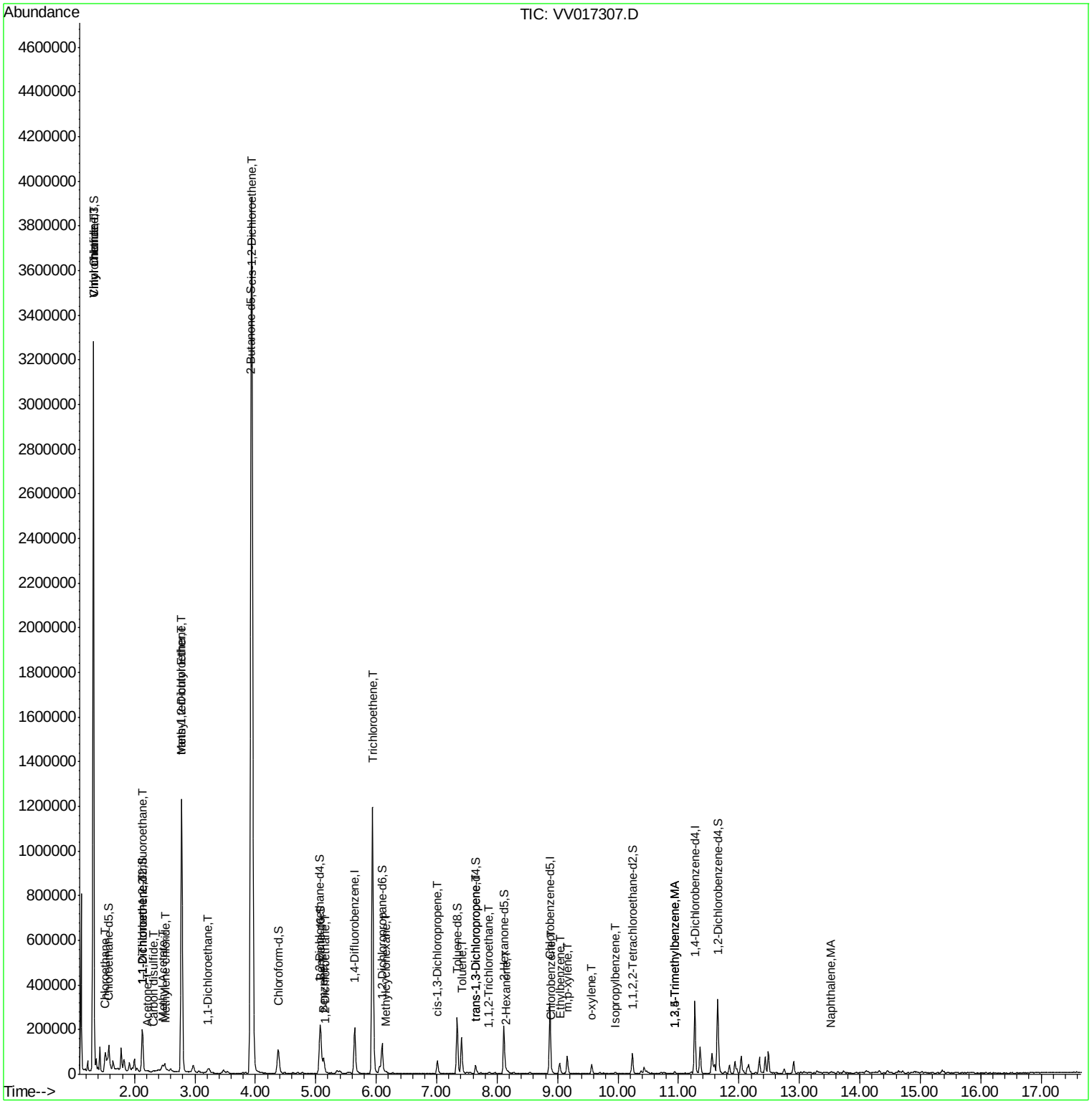
(#) = qualifier out of range (m) = manual integration (+) = signals summed

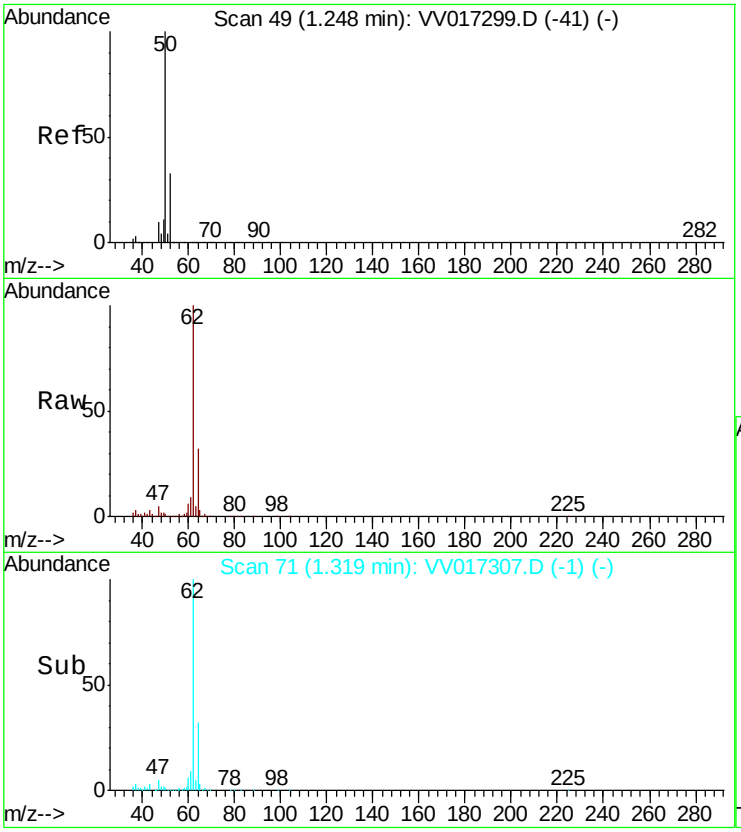
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070220\
Data File : VV017307.D
Acq On : 02 Jul 2020 13:48
Operator : SY/MD
Sample : L3154-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4269

Quant Time: Jul 03 01:16:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration



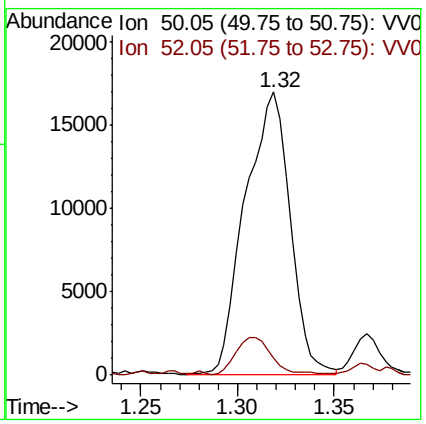


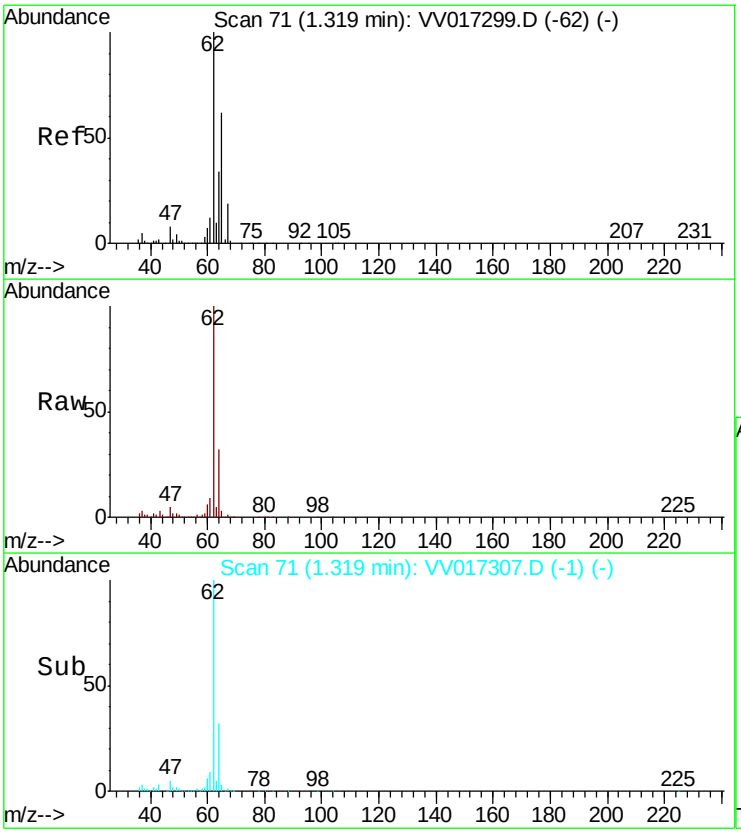
#3
Chloromethane
Concen: 2.385 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.07 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 50 Resp: 27422

Ion	Ratio	Lower	Upper
50	100		
52	6.3	22.5	41.9#

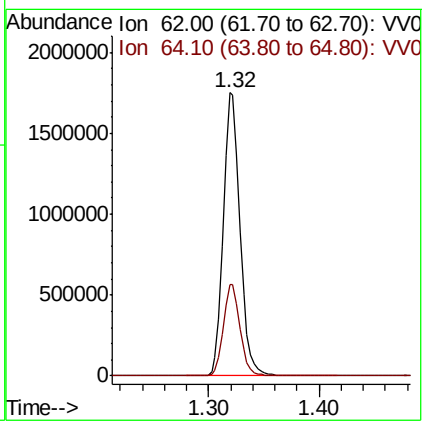


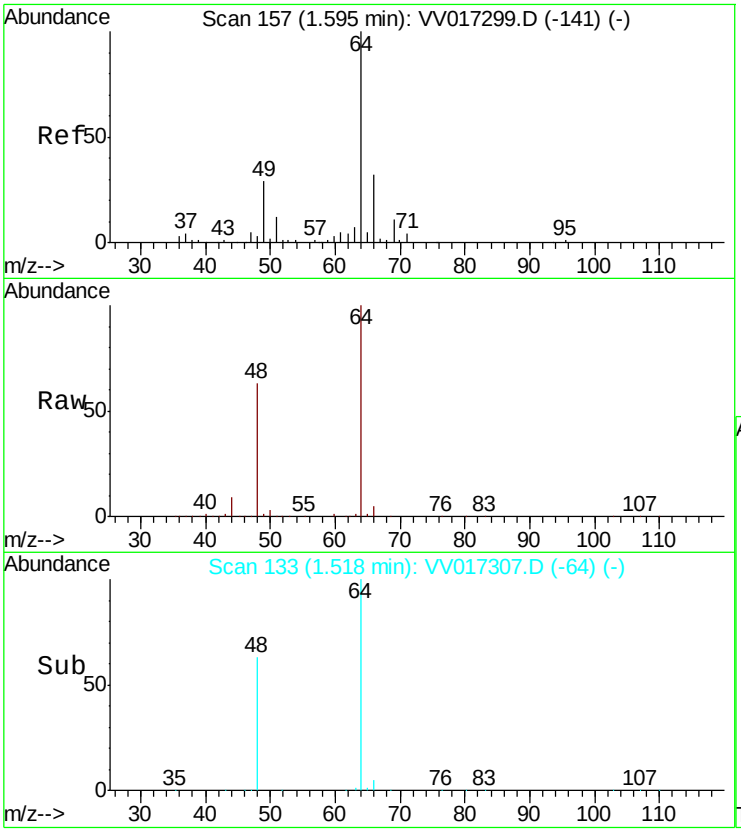


#5
Vinyl chloride
Concen: 164.529 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 62 Resp: 1835354

Ion	Ratio	Lower	Upper
62	100		
64	32.4	22.5	41.7



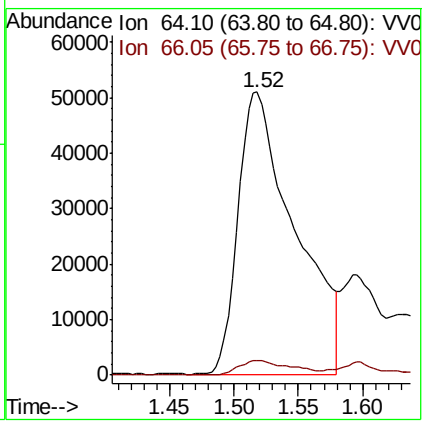


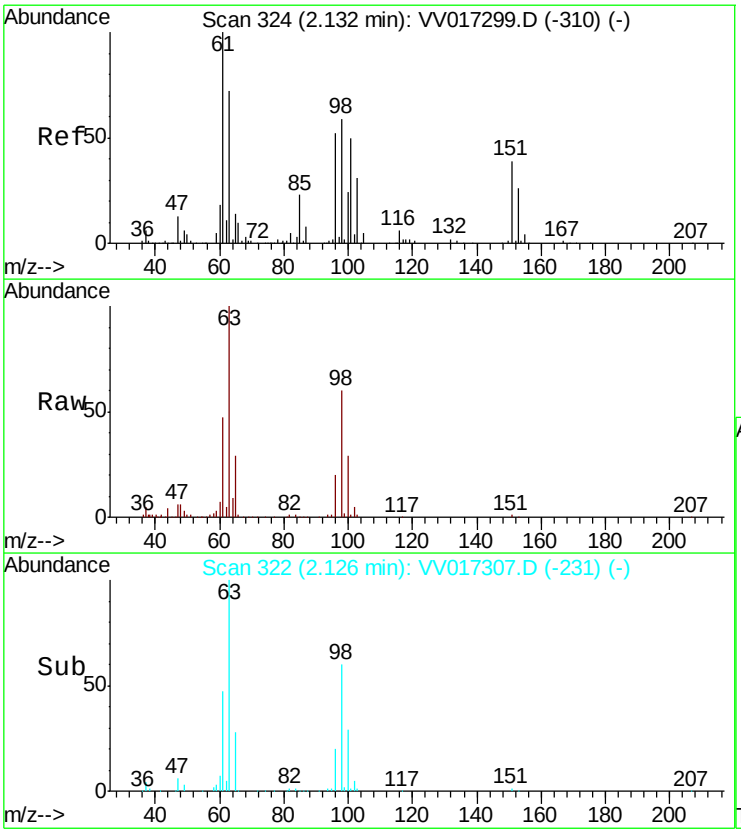
#8
Chloroethane
Concen: 25.251 ug/L
RT: 1.52 min Scan# 133
Delta R.T. -0.08 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 64 Resp: 155674

Ion	Ratio	Lower	Upper
64	100		
66	5.2	22.8	42.4#

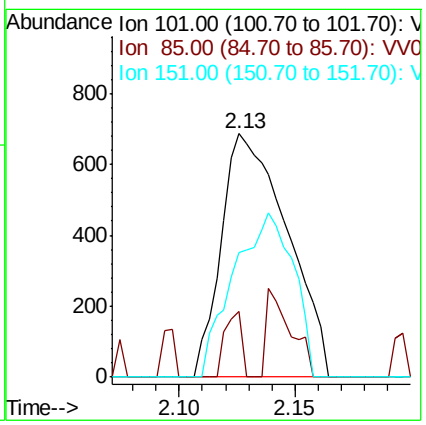


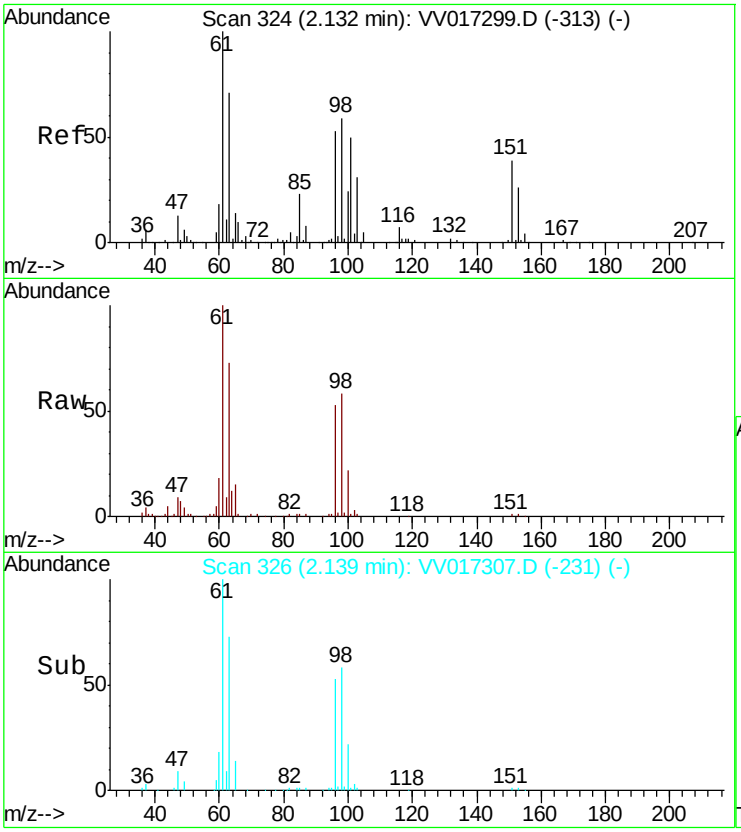


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.150 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion:101 Resp: 1355

Ion	Ratio	Lower	Upper
101	100		
85	6.8	35.4	53.2#
151	0.0	63.9	95.9#



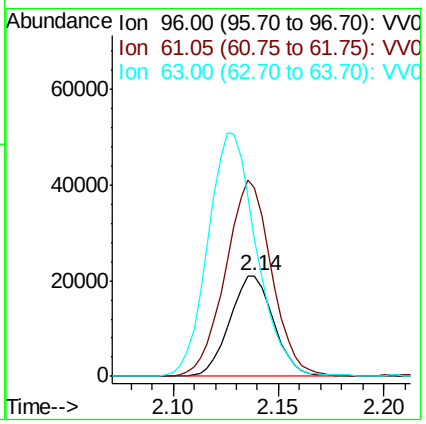


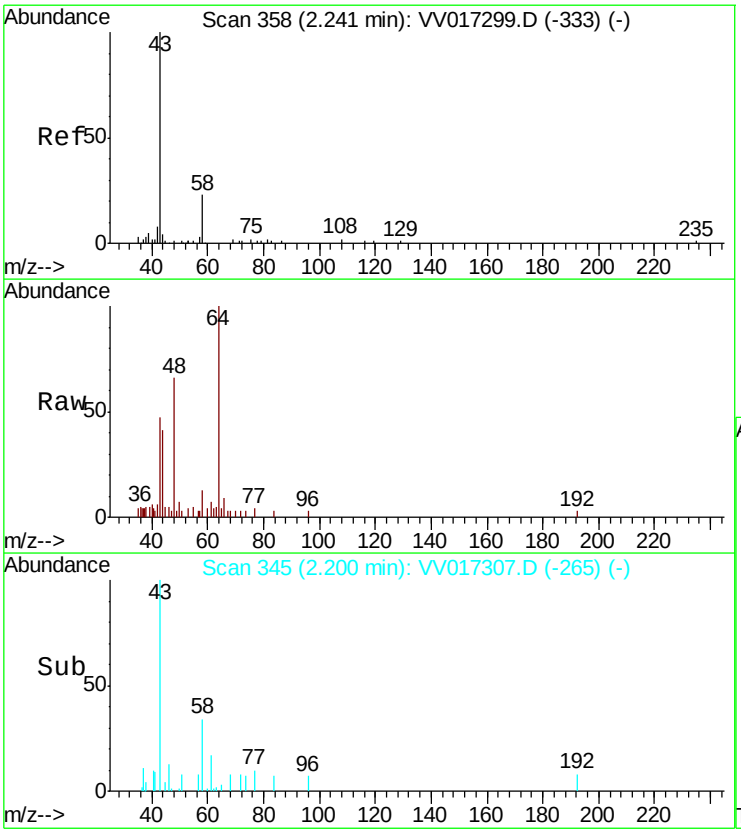
#12
1,1-Dichloroethene
Concen: 3.683 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument : MSVOA_V
ClientSampleId : H4269

Tgt Ion: 96 Resp: 30048

Ion	Ratio	Lower	Upper
96	100		
61	188.3	125.0	232.2
63	136.6	109.8	203.8

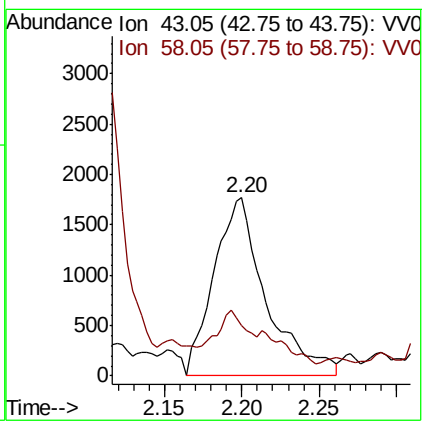


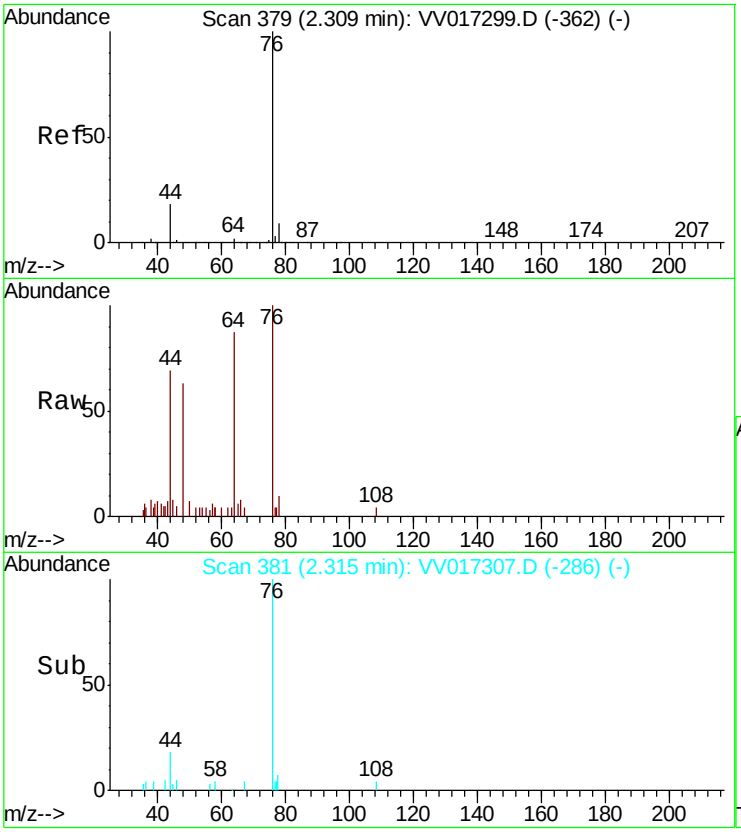


#13
Acetone
Concen: 3.146 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.04 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 43 Resp: 4136

Ion	Ratio	Lower	Upper
43	100		
58	10.0	0.0	58.4



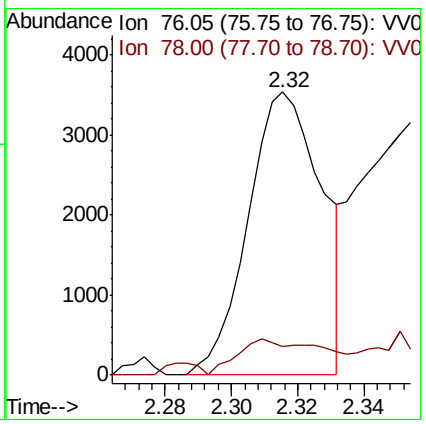


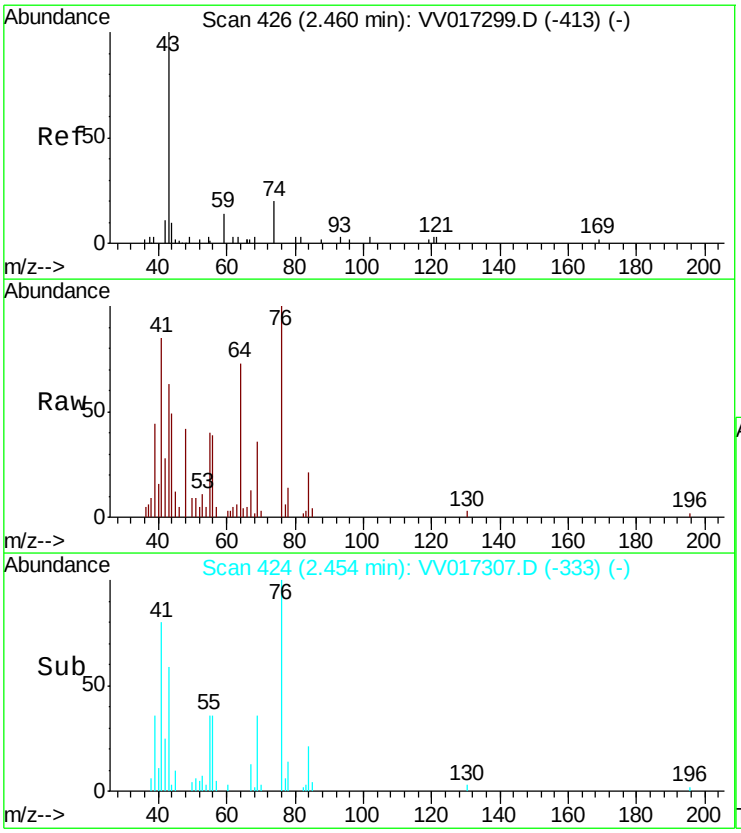
#14
Carbon disulfide
Concen: 0.224 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 76 Resp: 5470

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.7	11.5

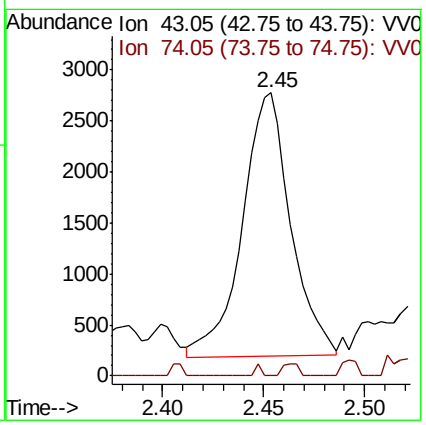


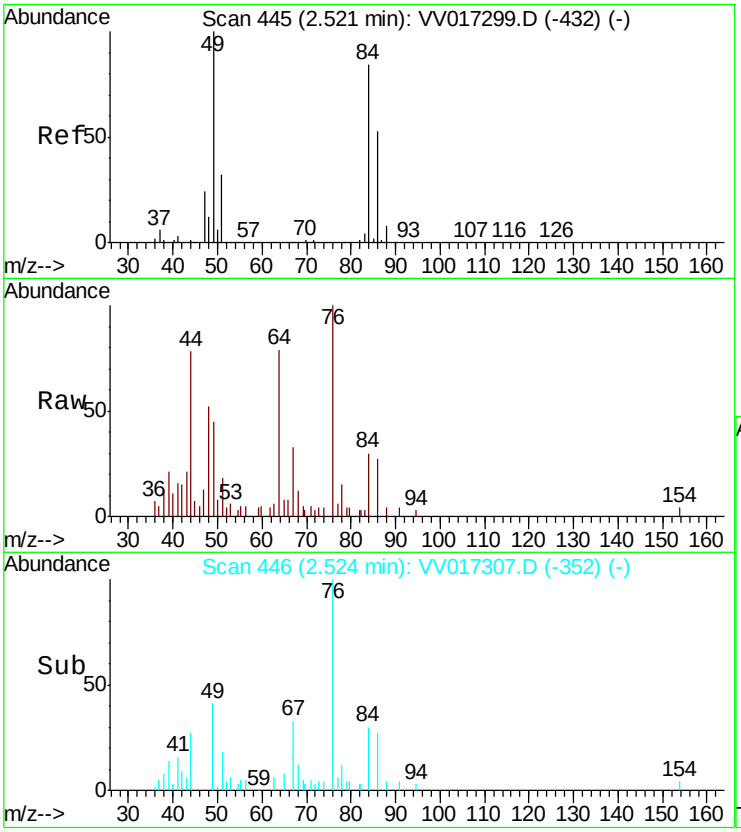


#15
Methyl Acetate
Concen: 1.346 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 43 Resp: 4326

Ion	Ratio	Lower	Upper
43	100		
74	0.5	19.1	28.7#



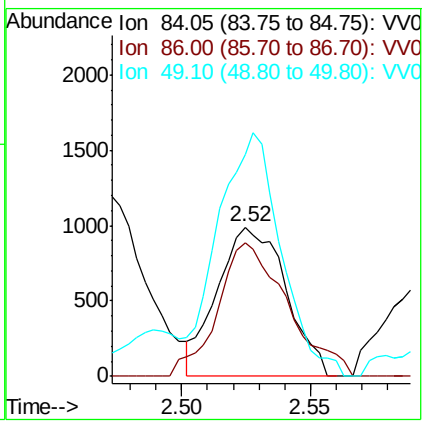


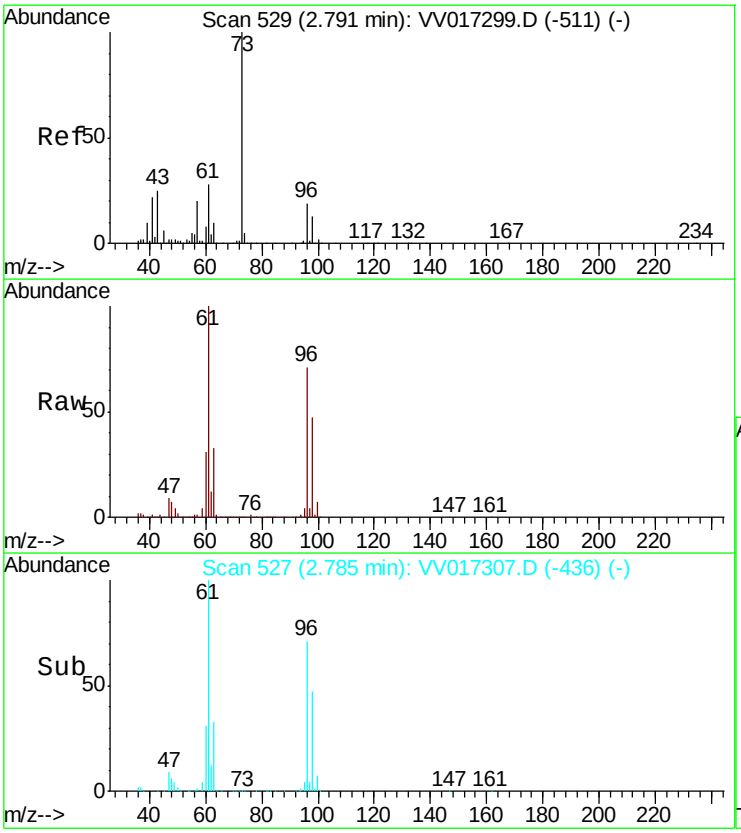
#16
Methylene chloride
Concen: 0.209 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument : MSVOA_V
ClientSampleId : H4269

Tgt Ion: 84 Resp: 1830

Ion	Ratio	Lower	Upper
84	100		
86	89.2	45.8	85.0#
49	148.3	89.6	166.4

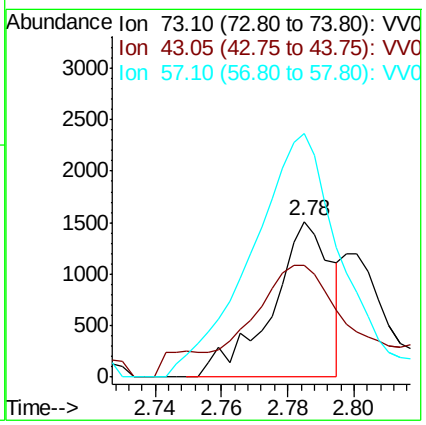


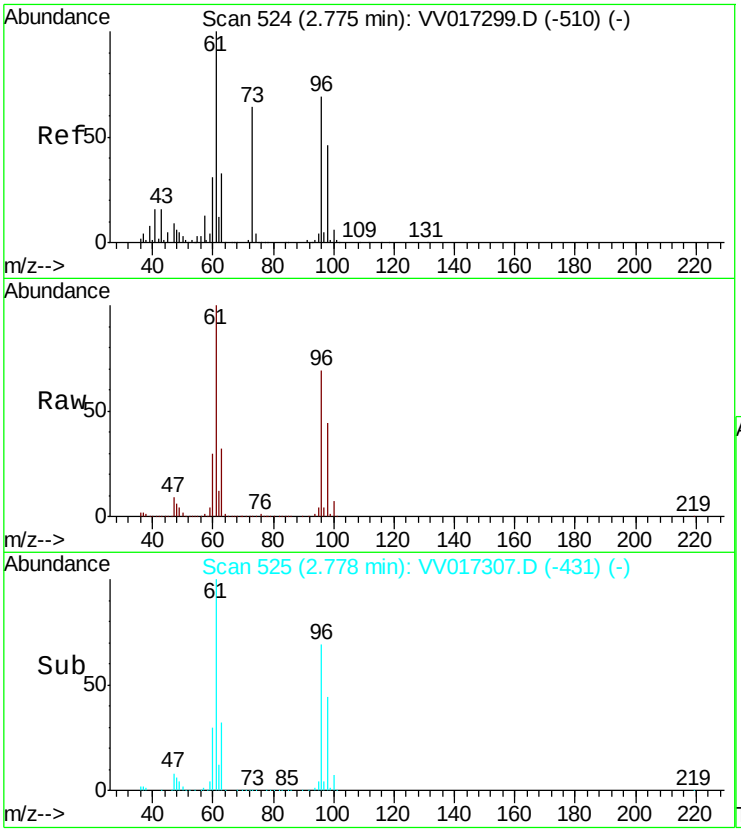


#17
Methyl tert-butyl Ether
Concen: 0.092 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 73 Resp: 1880

Ion	Ratio	Lower	Upper
73	100		
43	126.6	18.6	28.0#
57	239.5	16.4	24.6#



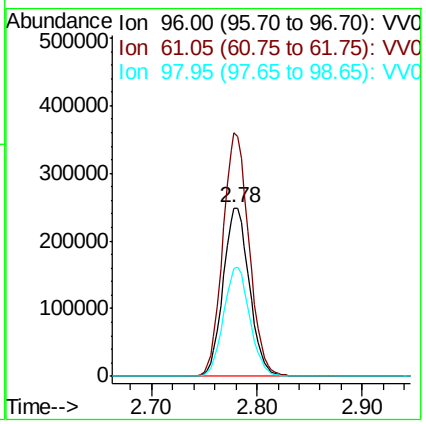


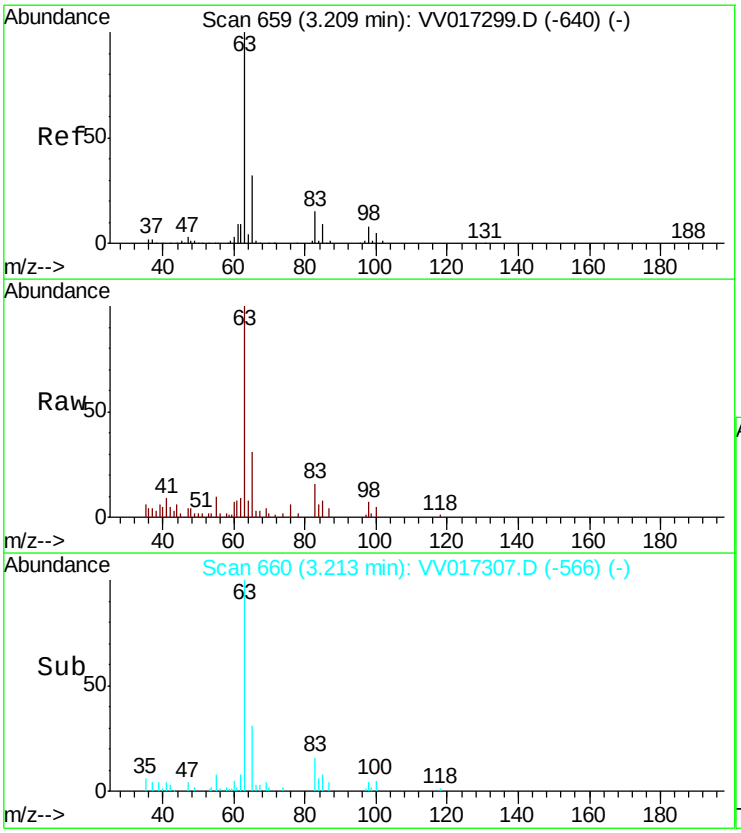
#18
trans-1,2-Dichloroethene
Concen: 49.453 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 96 Resp: 427558

Ion	Ratio	Lower	Upper
96	100		
61	144.6	102.3	189.9
98	64.1	44.7	82.9

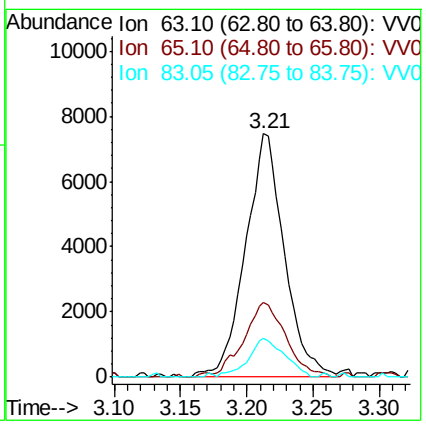


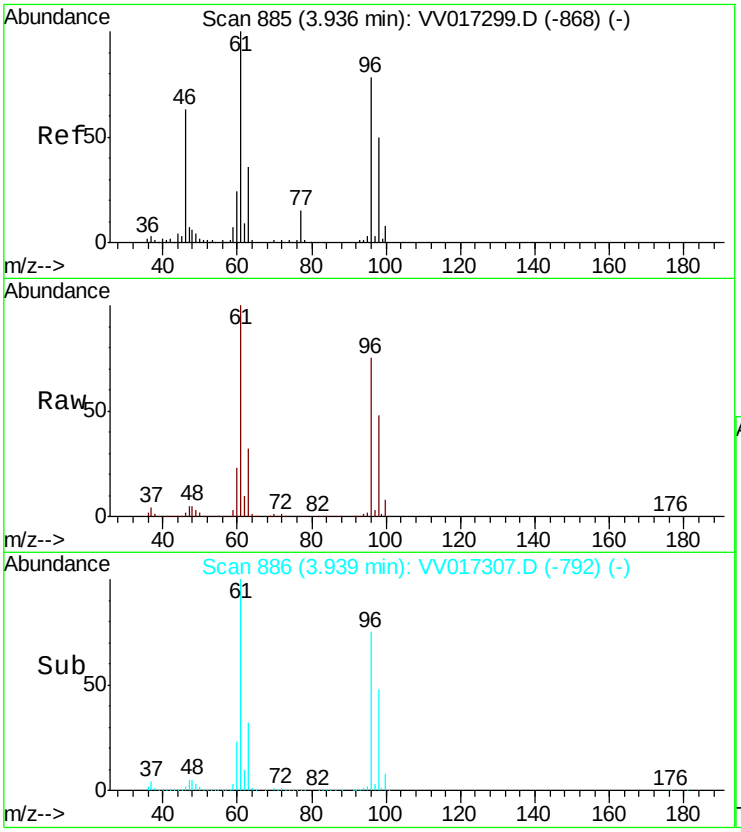


#19
1,1-Dichloroethane
Concen: 0.784 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 63 Resp: 15226

Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.8	40.4
83	16.0	9.7	17.9



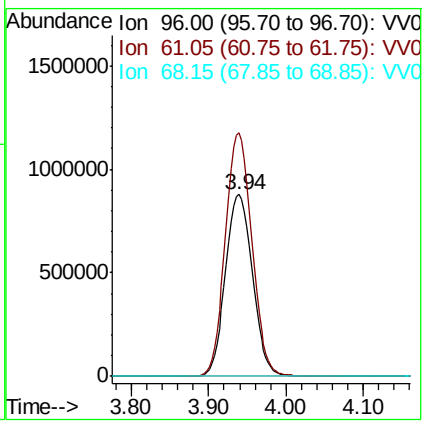


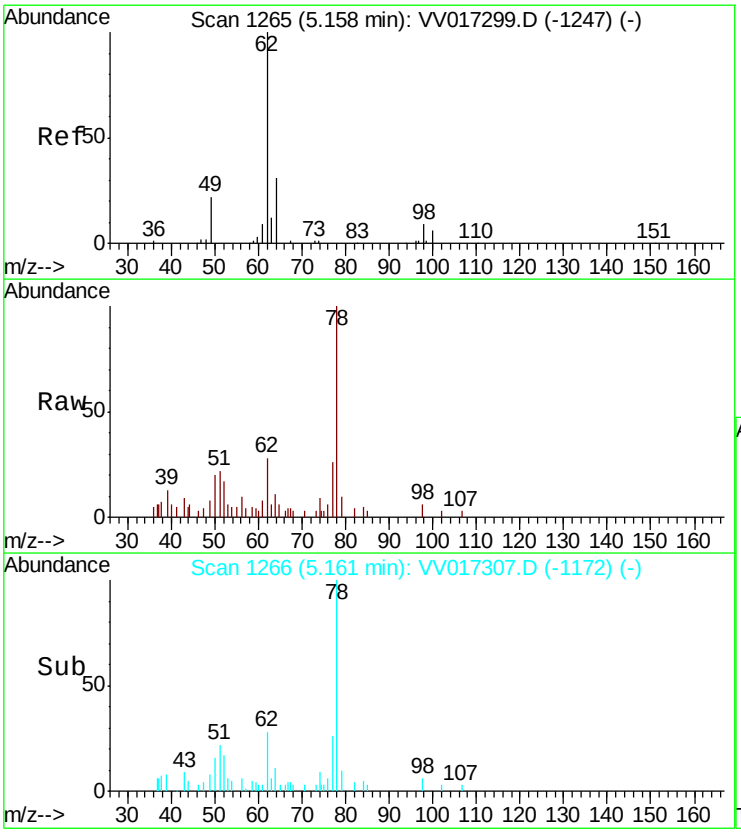
#22
cis-1,2-Dichloroethene
Concen: 180.114 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 96 Resp: 2129473

Ion	Ratio	Lower	Upper
96	100		
61	133.7	91.0	169.0
68	0.0	0.0	0.0#

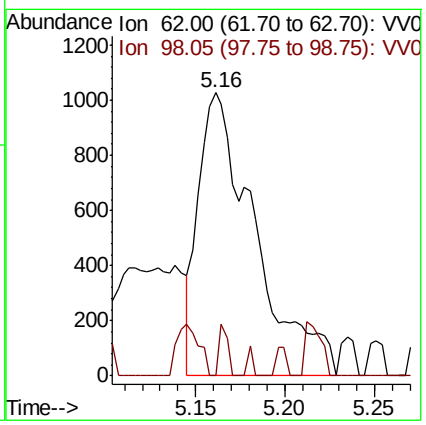


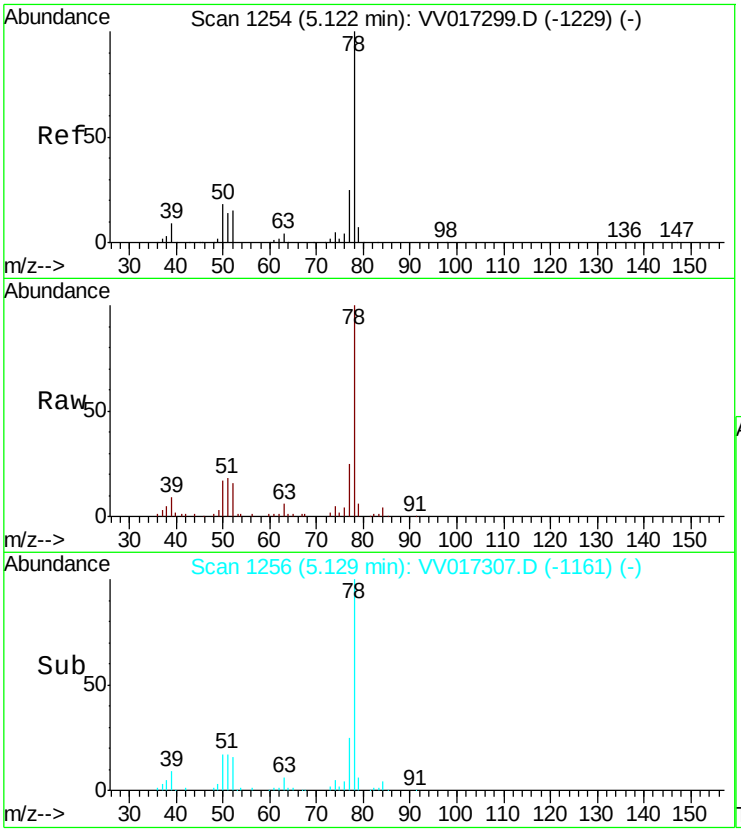


#27
1,2-Dichloroethane
Concen: 0.171 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 62 Resp: 2257

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.7	10.1#

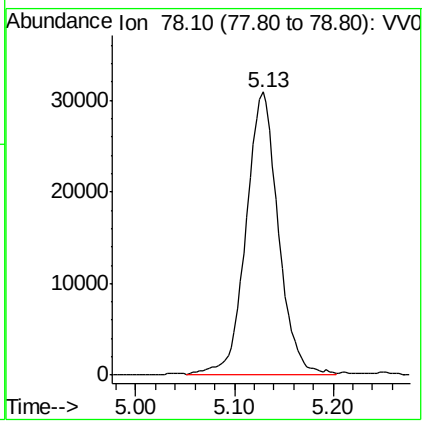


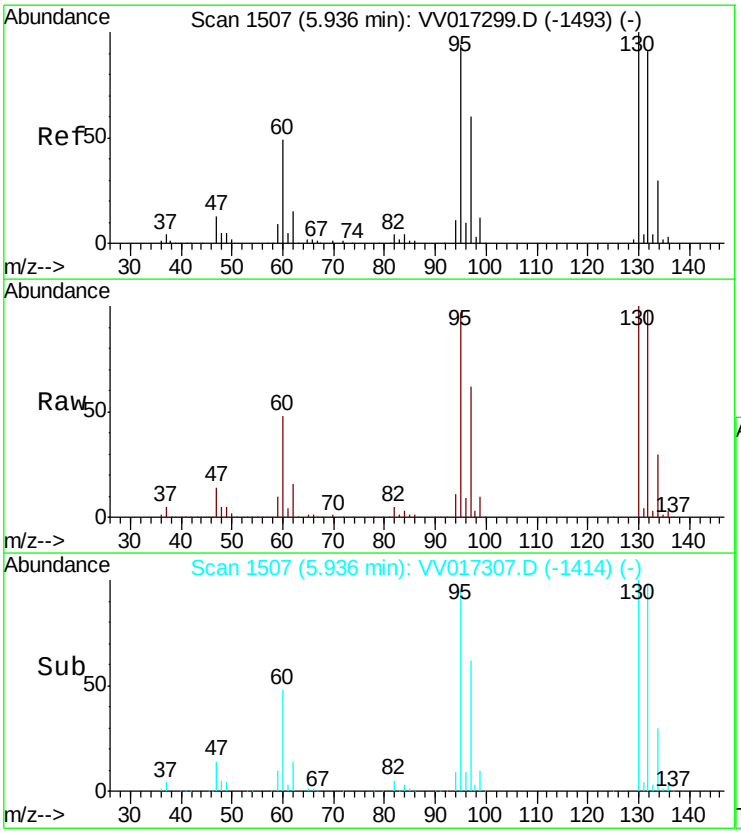


#33
Benzene
Concen: 1.608 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 78 Resp: 68886

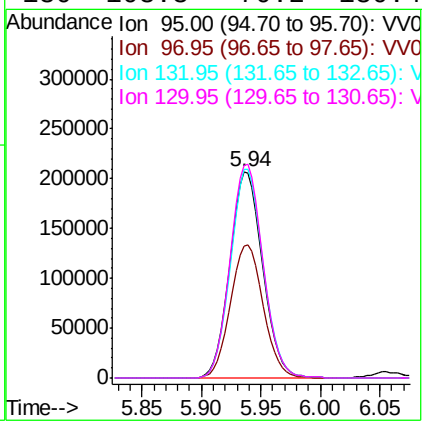


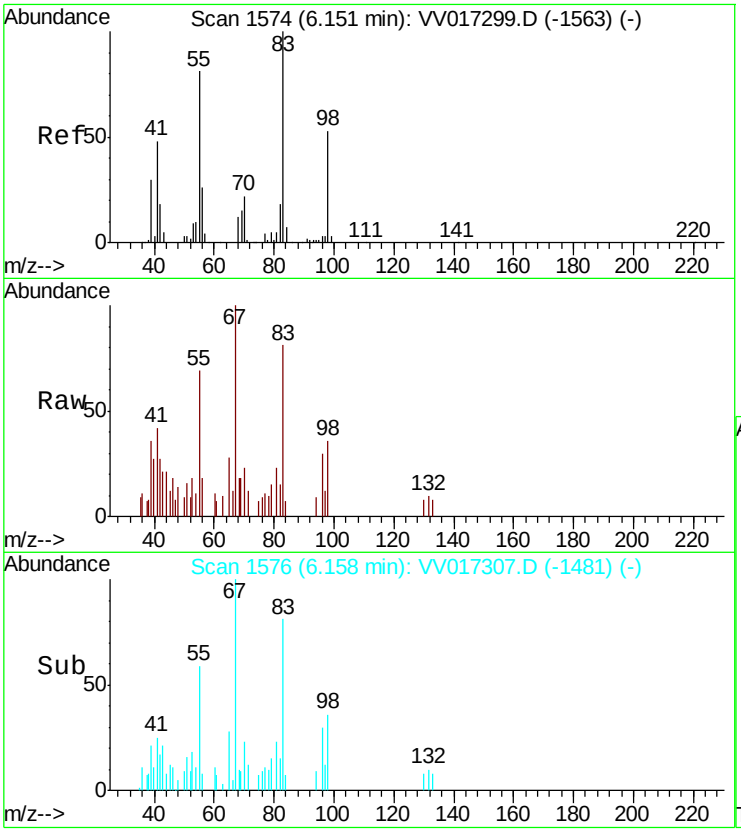


#34
Trichloroethene
Concen: 31.481 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 95 Resp: 395009

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.3	84.1
132	101.0	68.8	127.8
130	103.3	70.2	130.4



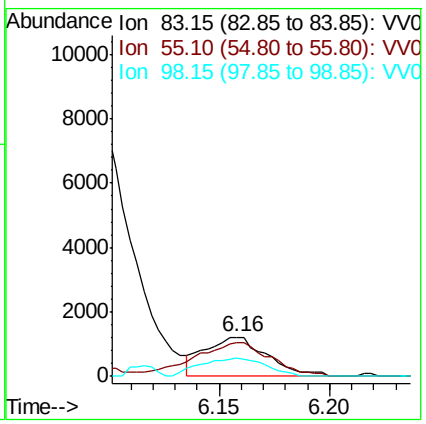


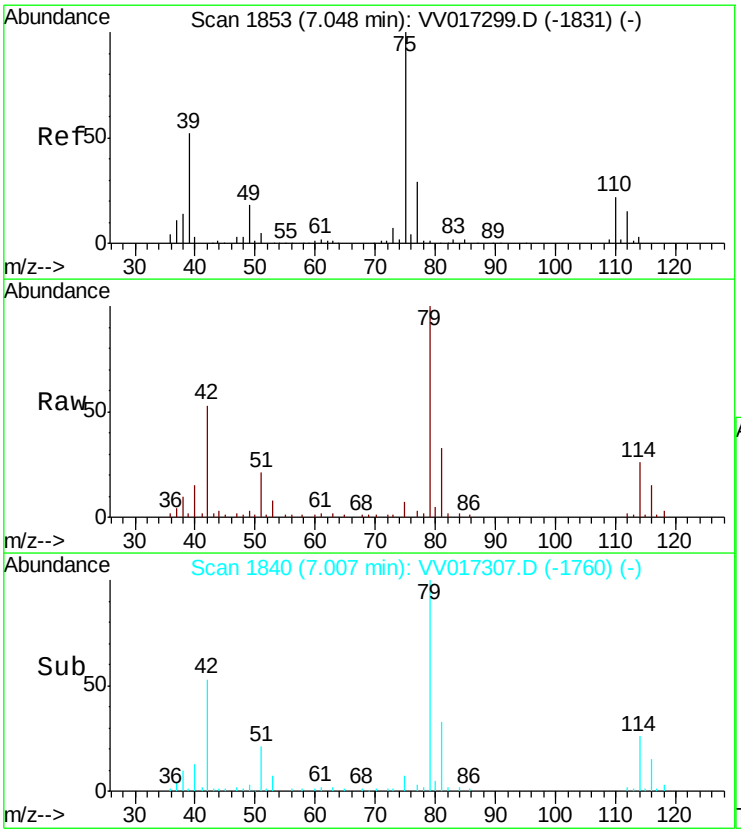
#35
Methylcyclohexane
Concen: 0.123 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 83 Resp: 2390

Ion	Ratio	Lower	Upper
83	100		
55	106.5	63.6	95.4#
98	49.3	38.8	58.2

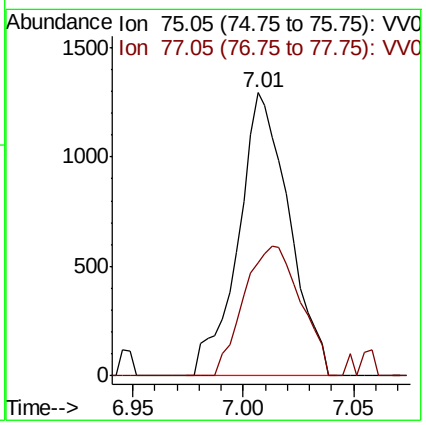


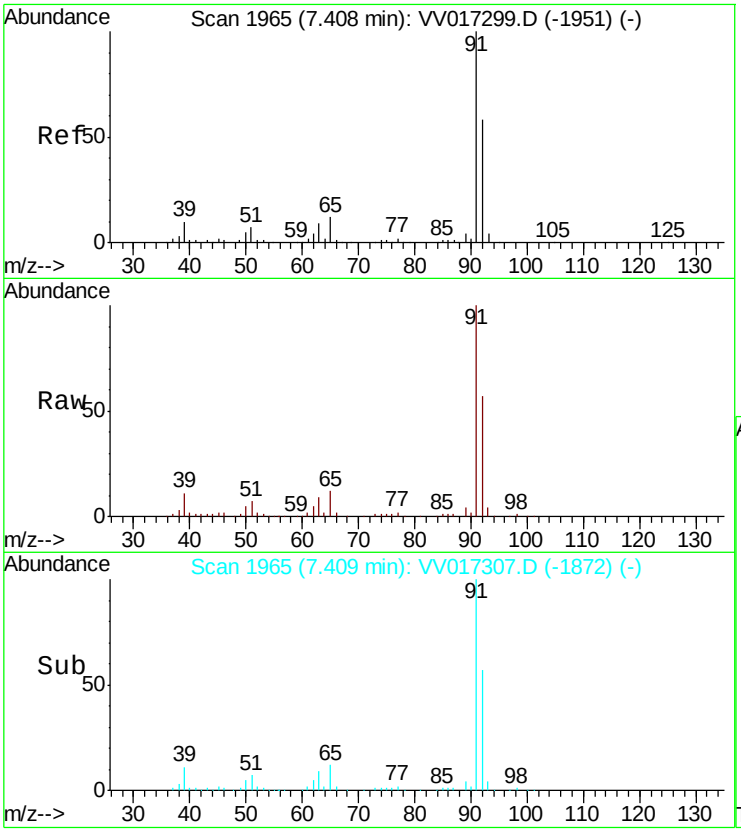


#39
cis-1,3-Dichloropropene
Concen: 0.131 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 75 Resp: 2066

Ion	Ratio	Lower	Upper
75	100		
77	40.0	22.3	41.5



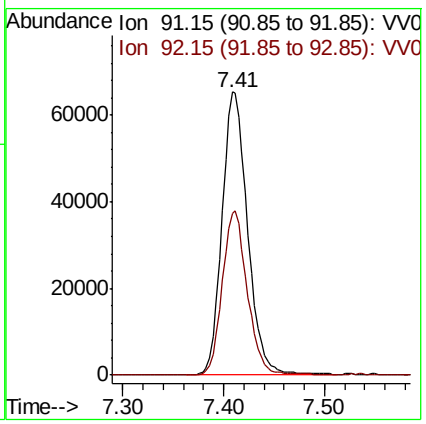


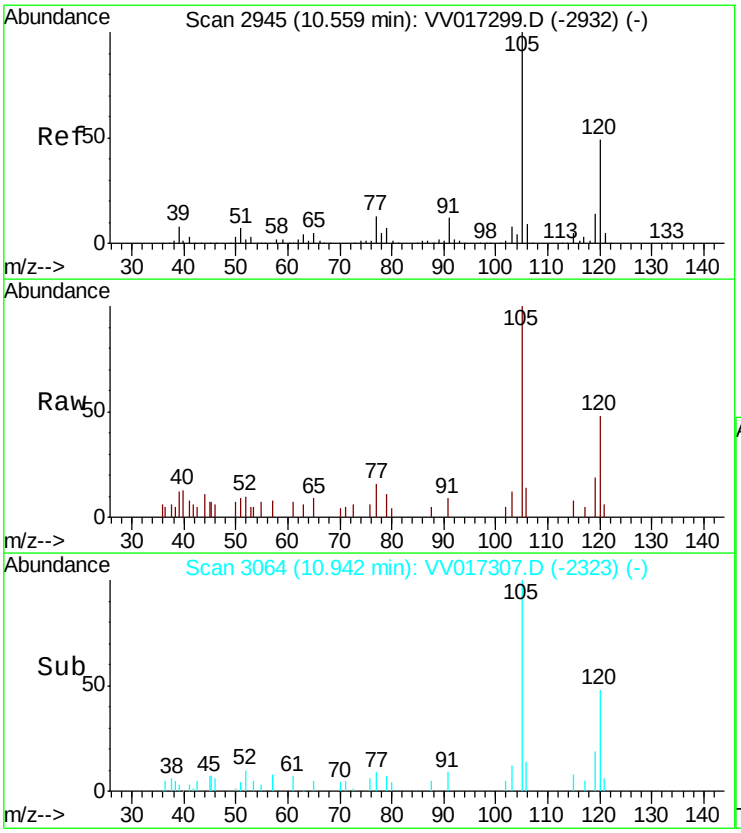
#42
Toluene
Concen: 2.326 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion: 91 Resp: 115885

Ion	Ratio	Lower	Upper
91	100		
92	57.1	39.9	74.1

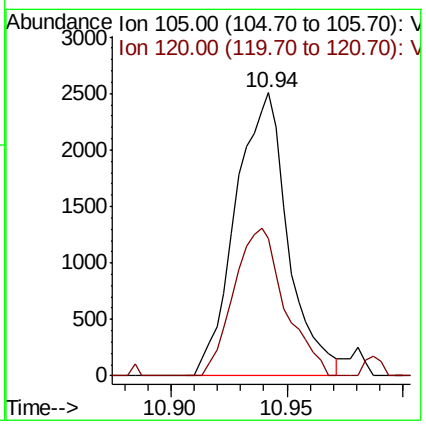


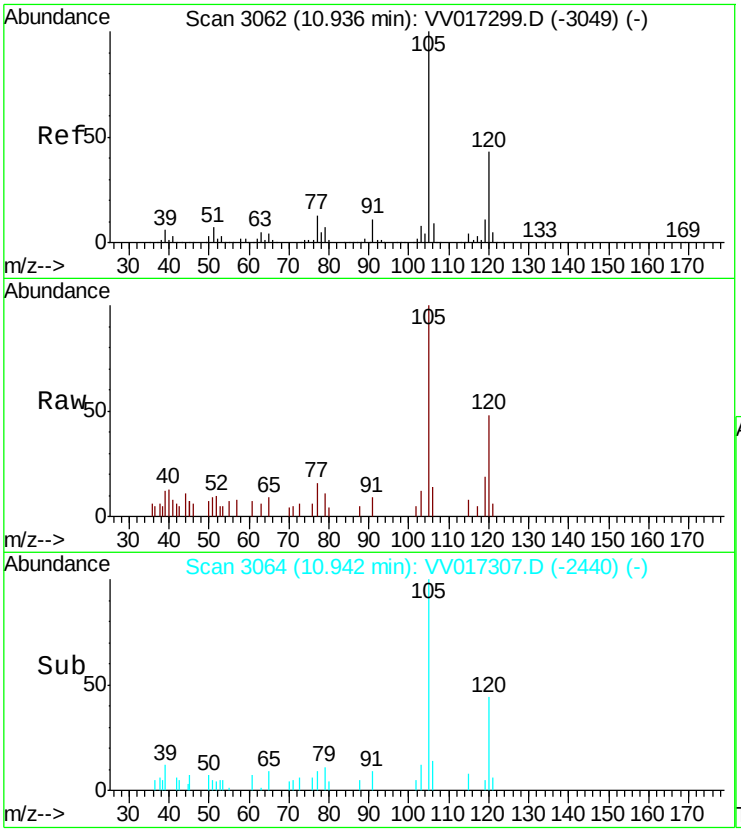


#43
1,3,5-Trimethylbenzene
Concen: 0.088 ug/L
RT: 10.94 min Scan# 3064
Delta R.T. 0.38 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion:105 Resp: 3932

Ion	Ratio	Lower	Upper
105	100		
120	50.8	38.6	57.8



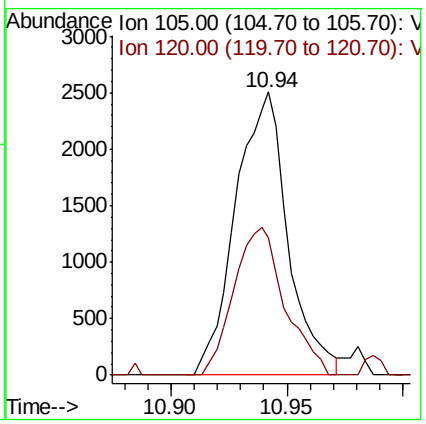


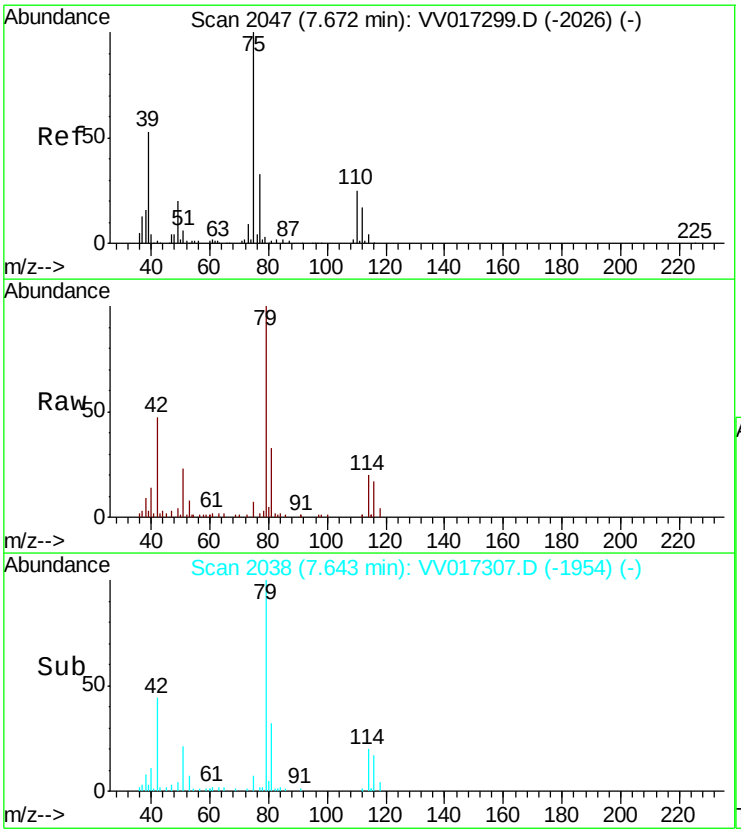
#44
1,2,4-Trimethylbenzene
Concen: 0.087 ug/L
RT: 10.94 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument :
MSVOA_V
ClientSampleId :
H4269

Tgt Ion:105 Resp: 3932

Ion	Ratio	Lower	Upper
105	100		
120	50.8	35.8	53.8

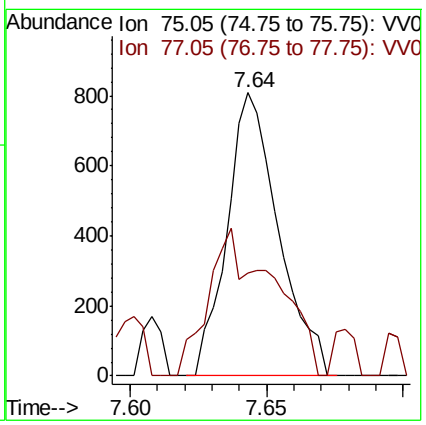


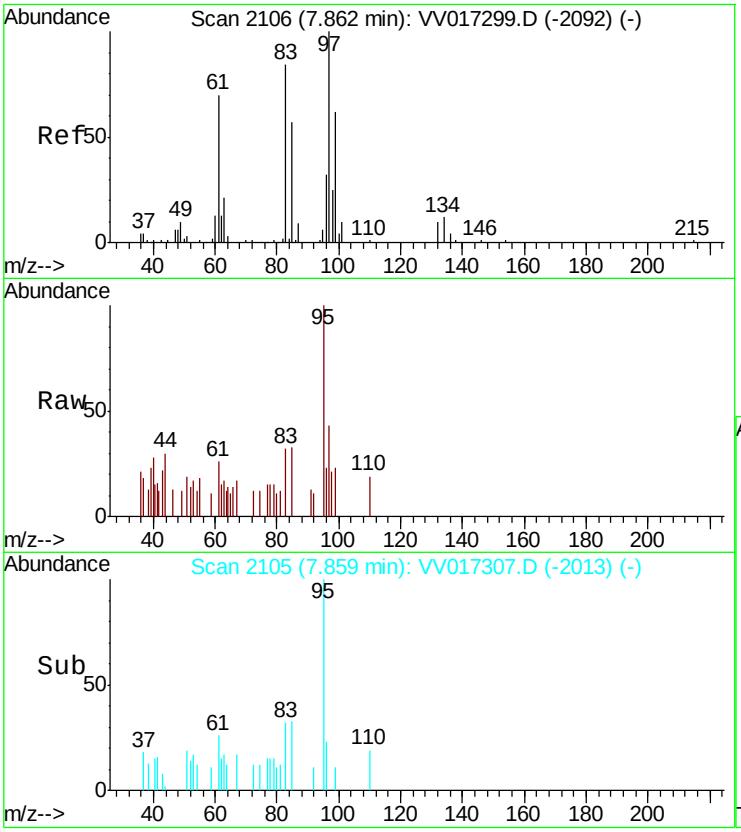


#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 75 Resp: 1060

Ion	Ratio	Lower	Upper
75	100		
77	36.5	22.3	41.3



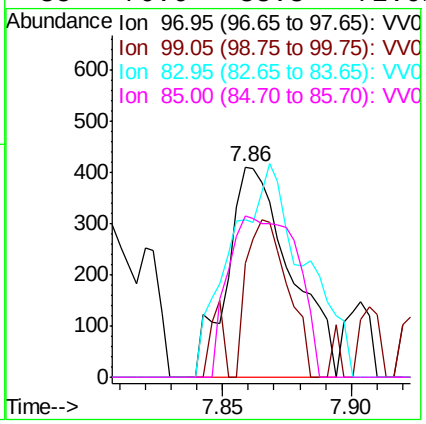


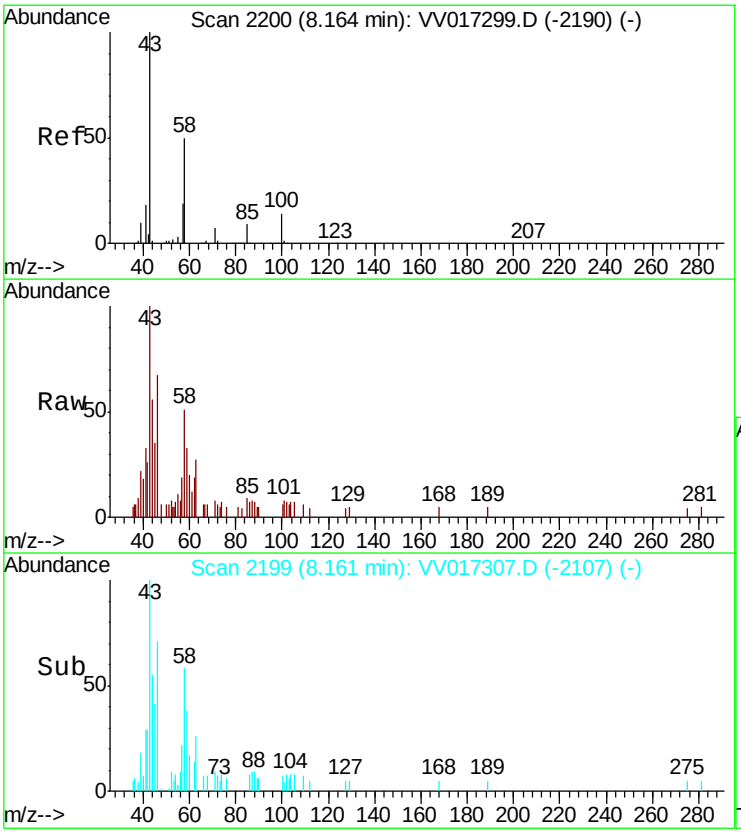
#47
1,1,2-Trichloroethane
Concen: 0.093 ug/L
RT: 7.86 min Scan# 2105
Delta R.T. -0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument : MSVOA_V
ClientSampleId : H4269

Tgt Ion: 97 Resp: 702

Ion	Ratio	Lower	Upper
97	100		
99	53.9	43.6	81.0
83	75.1	57.4	106.6
85	76.6	38.8	72.0#

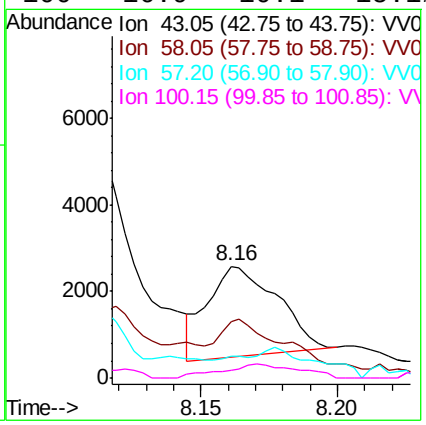


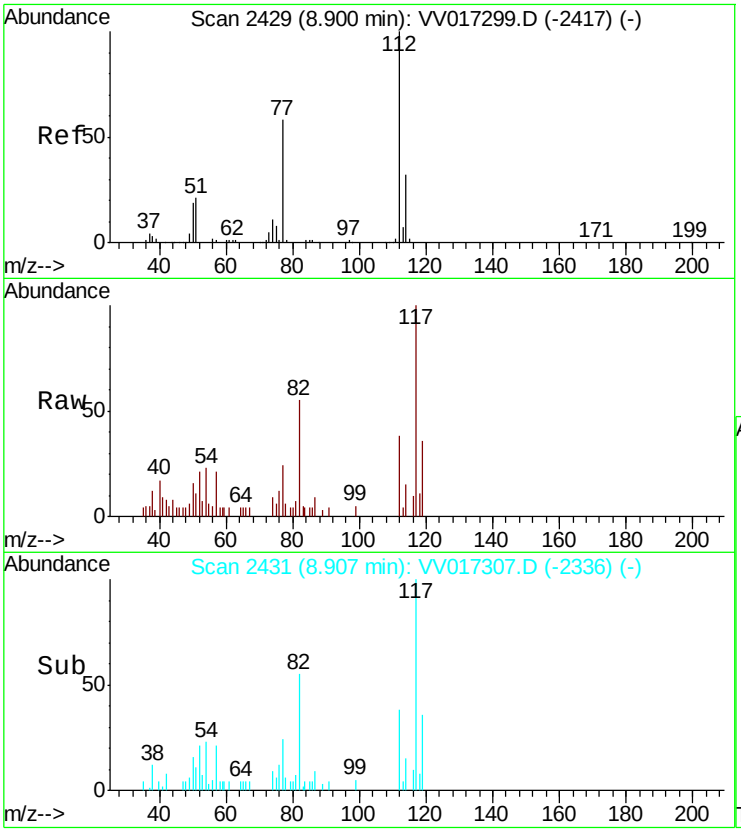


#50
2-Hexanone
Concen: 0.846 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. -0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 43 Resp: 3686

Ion	Ratio	Lower	Upper
43	100		
58	71.0	41.6	62.4#
57	38.2	15.4	23.0#
100	16.9	10.1	15.1#



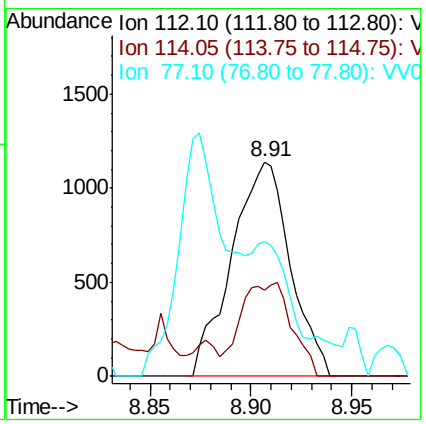


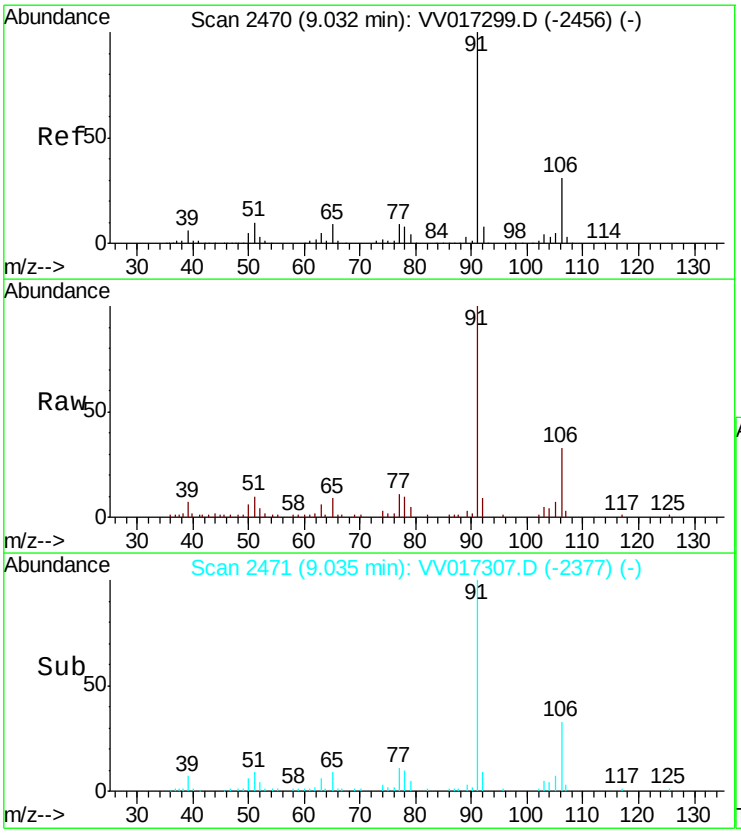
#53
Chlorobenzene
Concen: 0.074 ug/L
RT: 8.91 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument : MSVOA_V
ClientSampleId : H4269

Tgt Ion:112 Resp: 2307

Ion	Ratio	Lower	Upper
112	100		
114	40.1	22.0	41.0
77	62.8	46.0	69.0

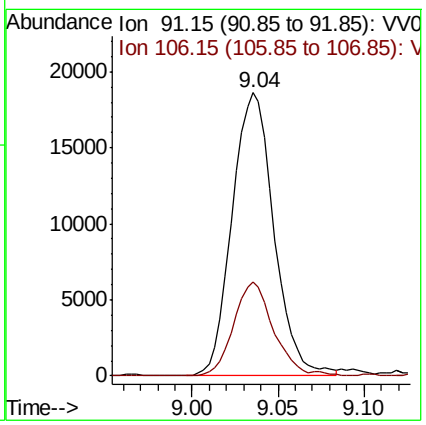


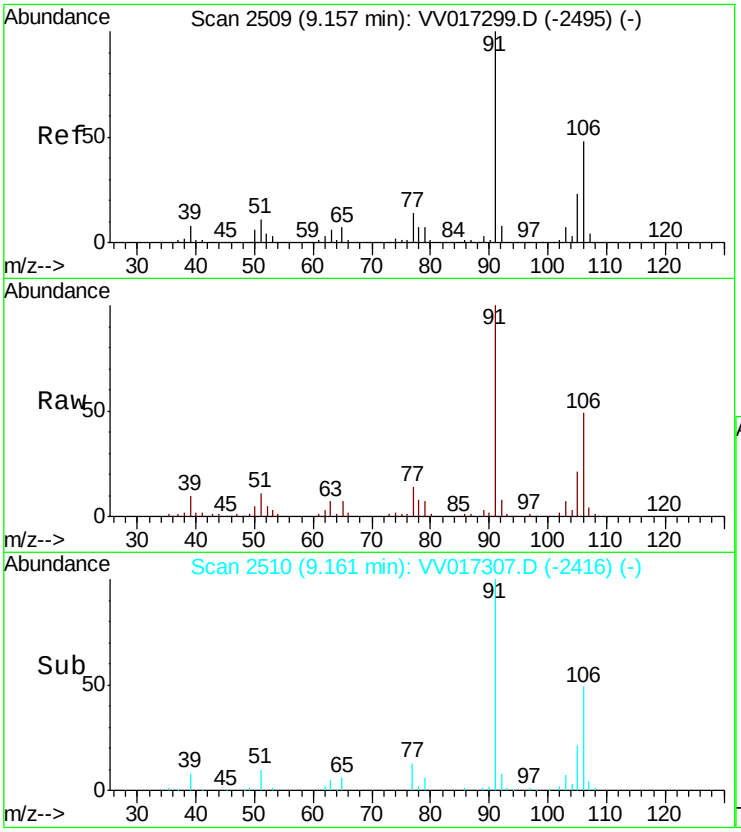


#54
Ethylbenzene
Concen: 0.592 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion: 91 Resp: 31468

Ion	Ratio	Lower	Upper
91	100		
106	33.2	21.1	39.1



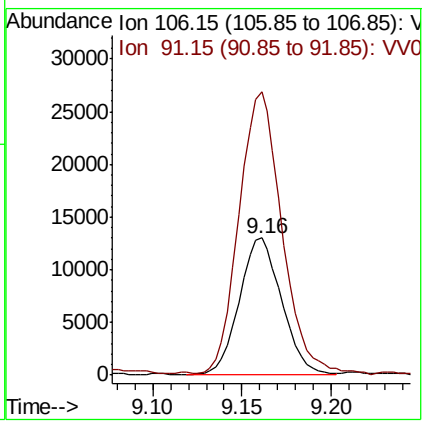


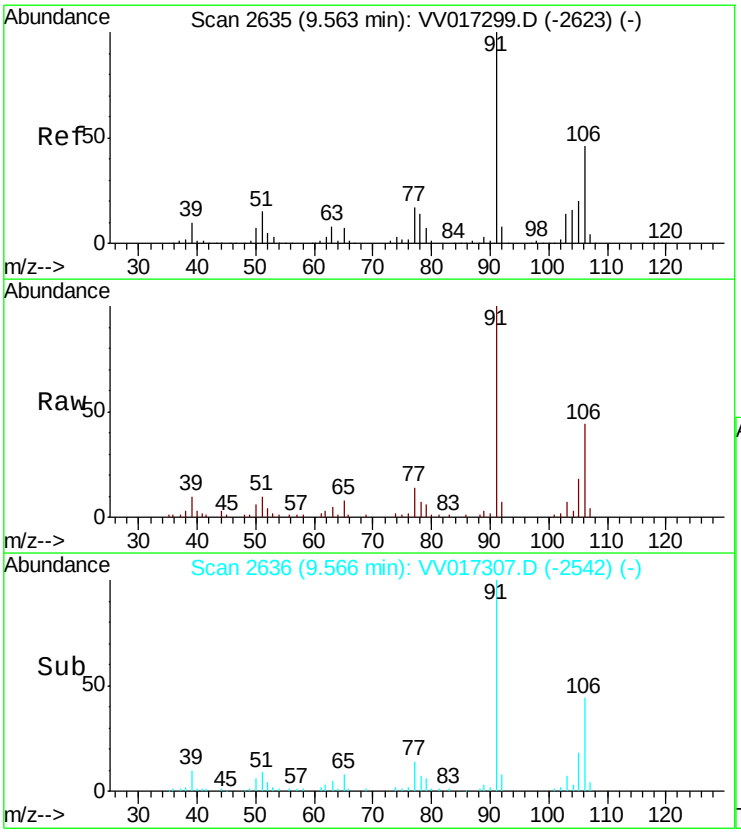
#55
m,p-xylene
Concen: 1.038 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument : MSVOA_V
ClientSampleId : H4269

Tgt Ion:106 Resp: 21642

Ion	Ratio	Lower	Upper
106	100		
91	206.0	142.7	264.9

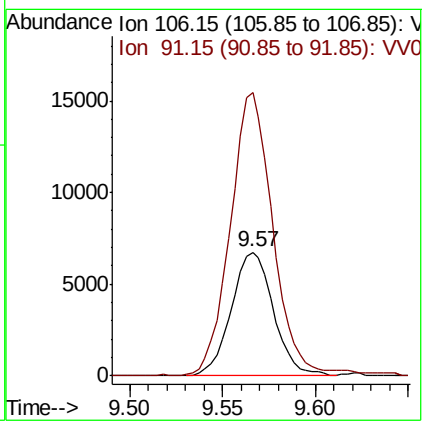


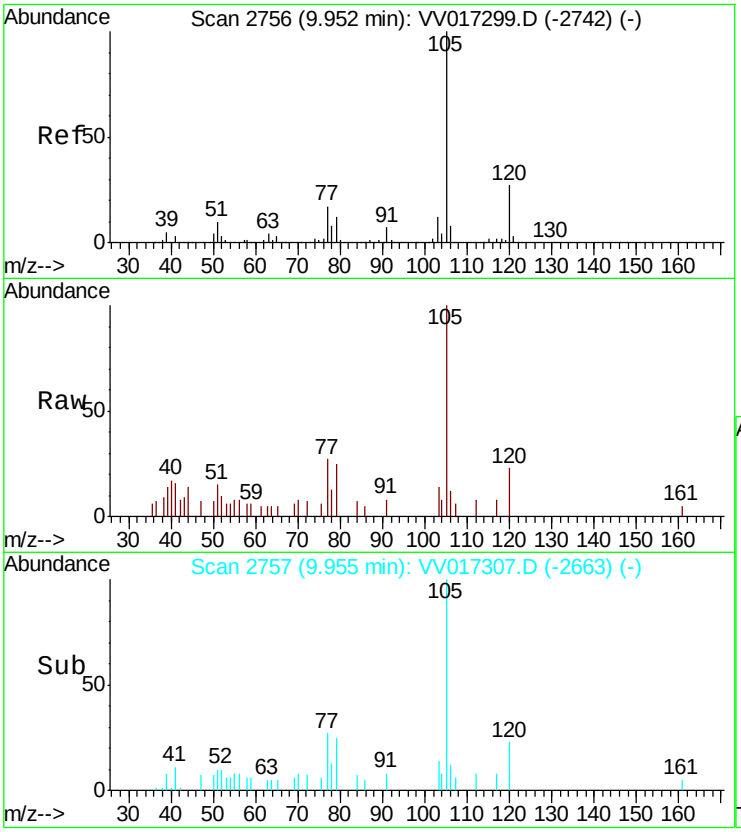


#56
o-xylene
Concen: 0.546 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion:106 Resp: 10624

Ion	Ratio	Lower	Upper
106	100		
91	228.4	153.6	285.2



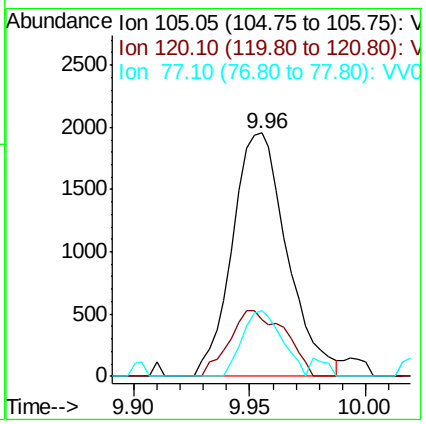


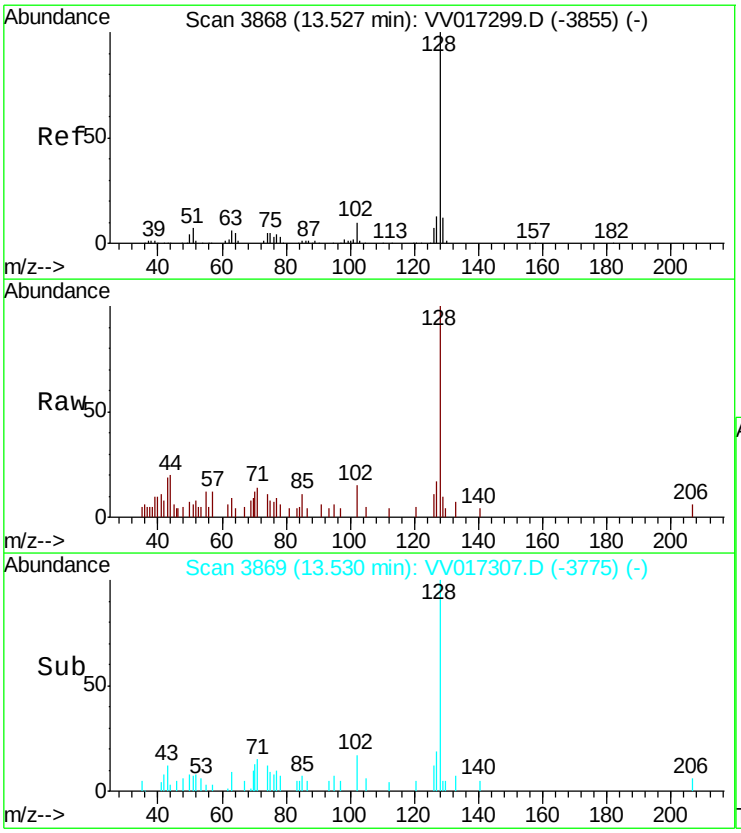
#58
Isopropylbenzene
Concen: 0.060 ug/L
RT: 9.96 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Instrument : MSVOA_V
ClientSampleId : H4269

Tgt Ion:105 Resp: 3205

Ion	Ratio	Lower	Upper
105	100		
120	27.4	21.2	31.8
77	19.5	13.0	19.4#





#70
Naphthalene
Concen: 0.184 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV017307.D
Acq: 02 Jul 2020 13:48

Tgt Ion:128 Resp: 4211

Ion	Ratio	Lower	Upper
128	100		
129	3.9	8.8	13.2#
127	20.2	10.5	15.7#