Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018428.D
Acq On : 24 Sep 2020 14:51
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 25 04:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	421340	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	417249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	225909	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	140902	41.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.06%			
7) Chloroethane-d5	1.58	69	119125	42.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.10	63	218808	34.74	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.48%			
21) 2-Butanone-d5	3.93	46	226802	107.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.91%			
24) Chloroform-d	4.37	84	306354	51.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.84%			
26) 1,2-Dichloroethane-d4	5.05	65	204545	53.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.12%			
32) Benzene-d6	5.07	84	628684	52.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.26%			
36) 1,2-Dichloropropane-d6	6.09	67	203035	53.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.00%			
41) Toluene-d8	7.34	98	588478	54.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.12%			
43) trans-1,3-Dichloropropene-	7.64	79	103971	53.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.82%			
47) 2-Hexanone-d5	8.33	63	59	0.04	ug/L	0.22
Spiked Amount 100.000	Range 45 - 130		Recovery = 0.04%#			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	263682	55.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.70%			
64) 1,2-Dichlorobenzene-d4	11.65	152	266864	57.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.04%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	2142	0.753	ug/L #	19
15) Methyl Acetate	2.53	43	401262	132.671	ug/L #	53
20) cis-1,2-Dichloroethene	3.93	96	10236	3.359	ug/L	97
29) Cyclohexane	4.69	56	43924	9.116	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	34252	7.073	ug/L	99
31) Carbon tetrachloride	4.63	117	4251	0.998	ug/L	84
35) Methylcyclohexane	6.09	83	50472	10.315	ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	5636	1.157	ug/L #	53
42) Toluene	7.41	91	425511	33.704	ug/L	99
48) 2-Hexanone	8.12	43	5730	1.895	ug/L #	38
52) Ethylbenzene	9.04	91	158879	11.527	ug/L	100
53) m,p-Xylene	9.16	106	270630	52.604	ug/L	96
54) o-xylene	9.57	106	104308	21.046	ug/L	99
55) Styrene	9.57	104	5639	0.655	ug/L #	1
56) Isopropylbenzene	9.95	105	116196	8.699	ug/L	99
59) 1,2,3-Trichloropropane	11.27	75	25562	6.875	ug/L	90
65) 1,2-Dichlorobenzene	11.67	146	6773	0.998	ug/L #	84

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018428.D
Acq On : 24 Sep 2020 14:51
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Sep 25 04:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) 1,2-Dibromo-3-chloropropan	12.44	75	1016	1.060	ug/L #	1
69) Naphthalene	13.53	128	279763	23.445	ug/L	100

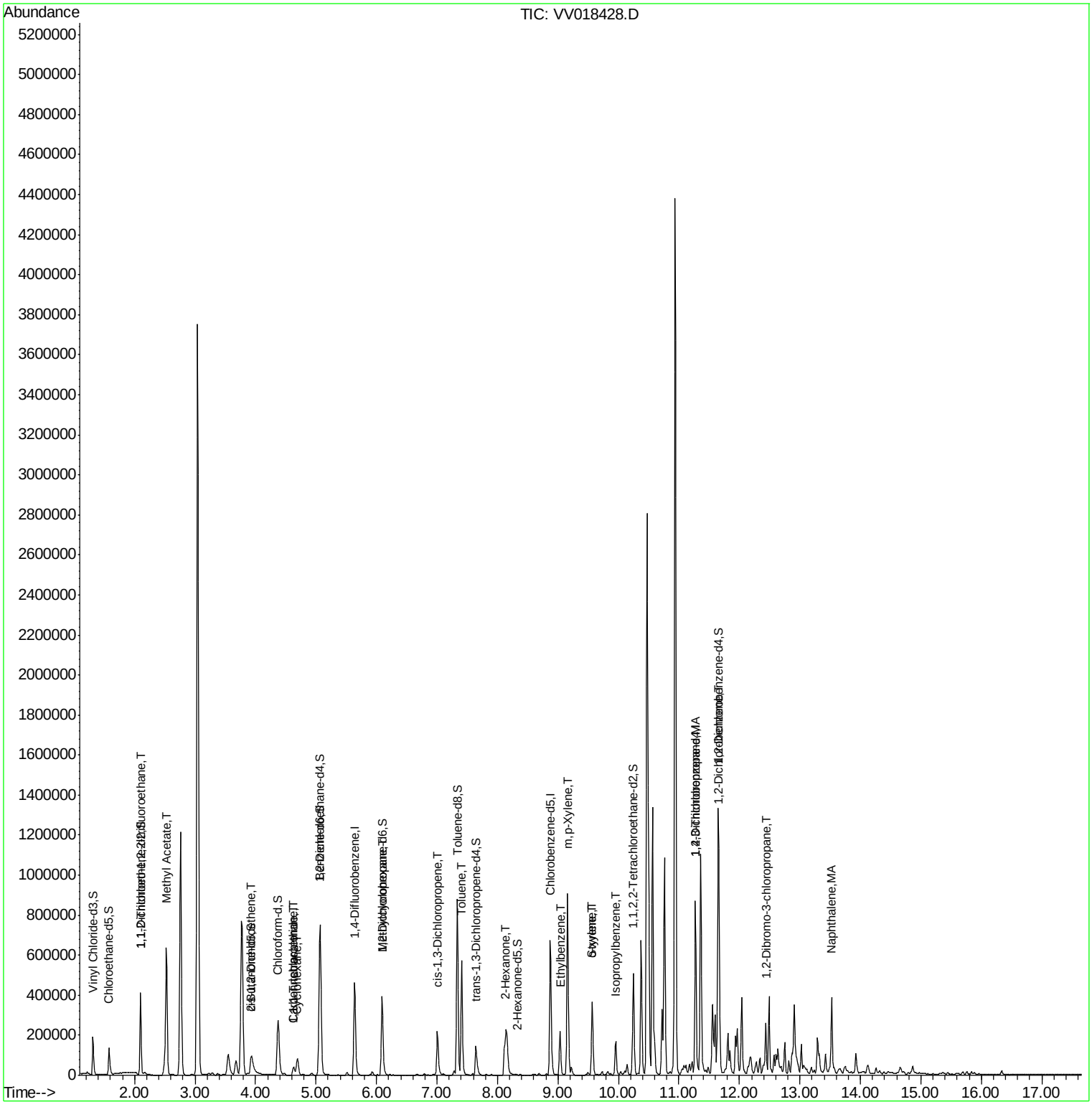
(#) = qualifier out of range (m) = manual integration (+) = signals summed

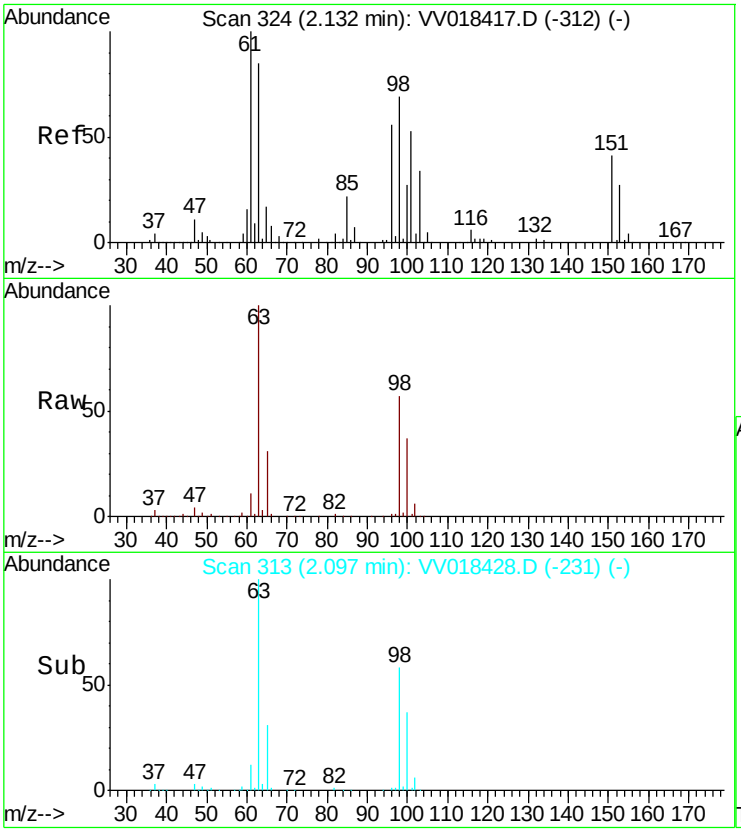
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092420\
Data File : VV018428.D
Acq On : 24 Sep 2020 14:51
Operator : SY/MD
Sample : L4109-04ME
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 25 04:45:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 04:36:20 2020
Response via : Initial Calibration



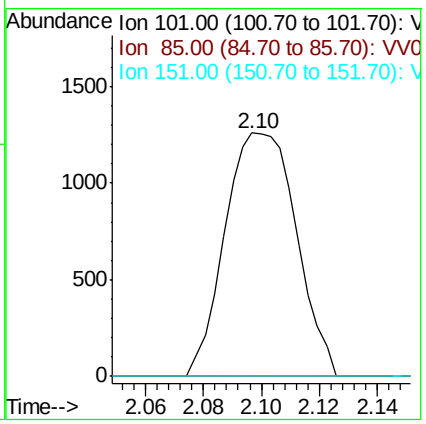


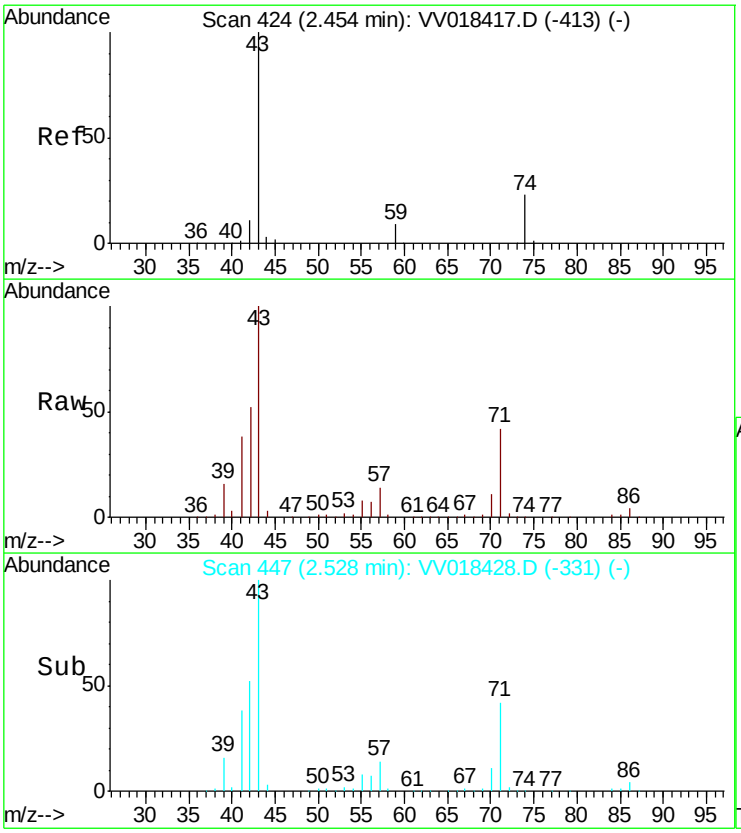
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.753 ug/L
RT: 2.10 min Scan# 313
Delta R.T. -0.04 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 2142

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.5	50.3#
151	0.0	62.2	93.2#

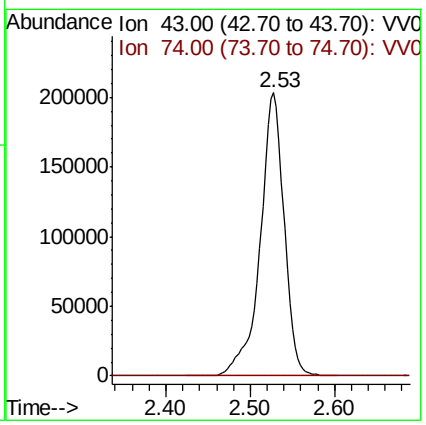


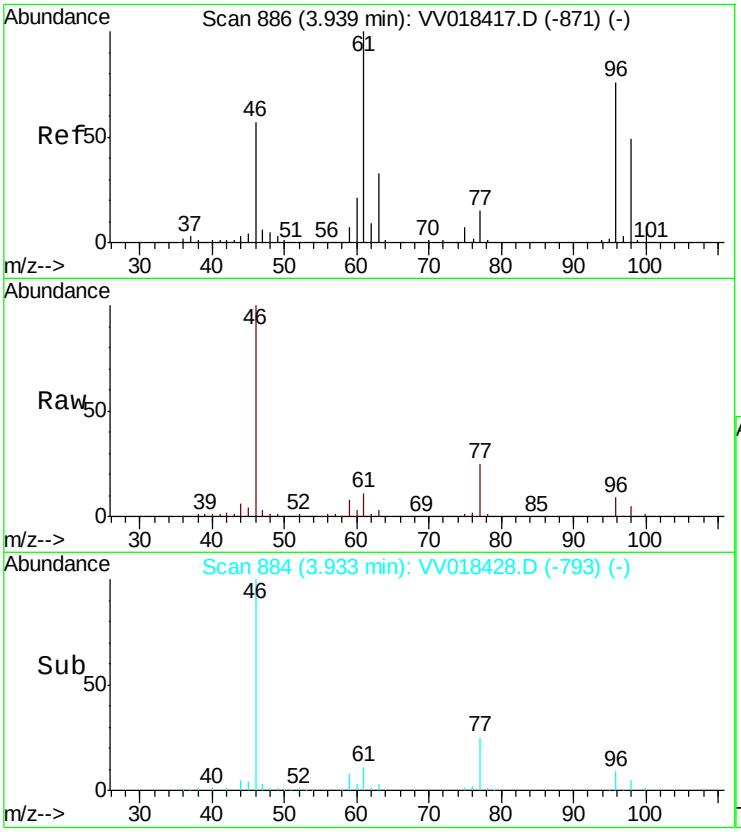


#15
Methyl Acetate
Concen: 132.671 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.07 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion: 43 Resp: 401262

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.4	27.6#



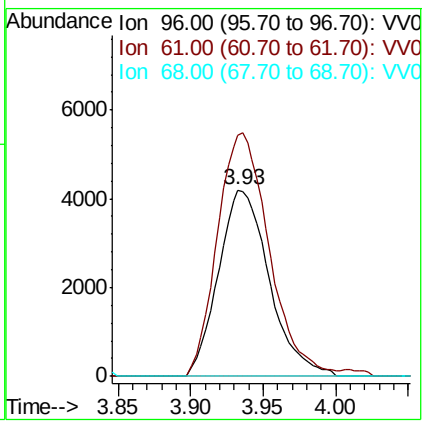


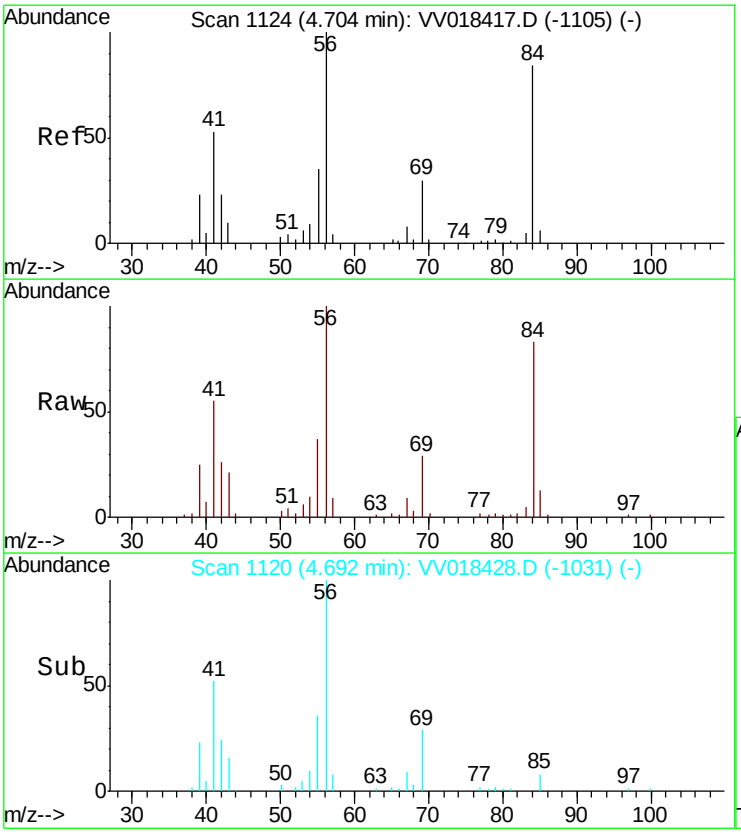
#20
cis-1,2-Dichloroethene
Concen: 3.359 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.01 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 10236

Ion	Ratio	Lower	Upper
96	100		
61	129.6	93.6	173.8
68	0.0	0.0	0.0

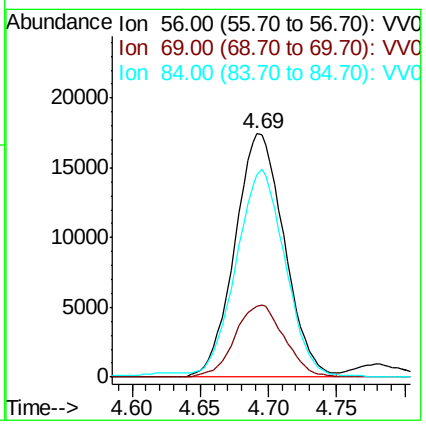


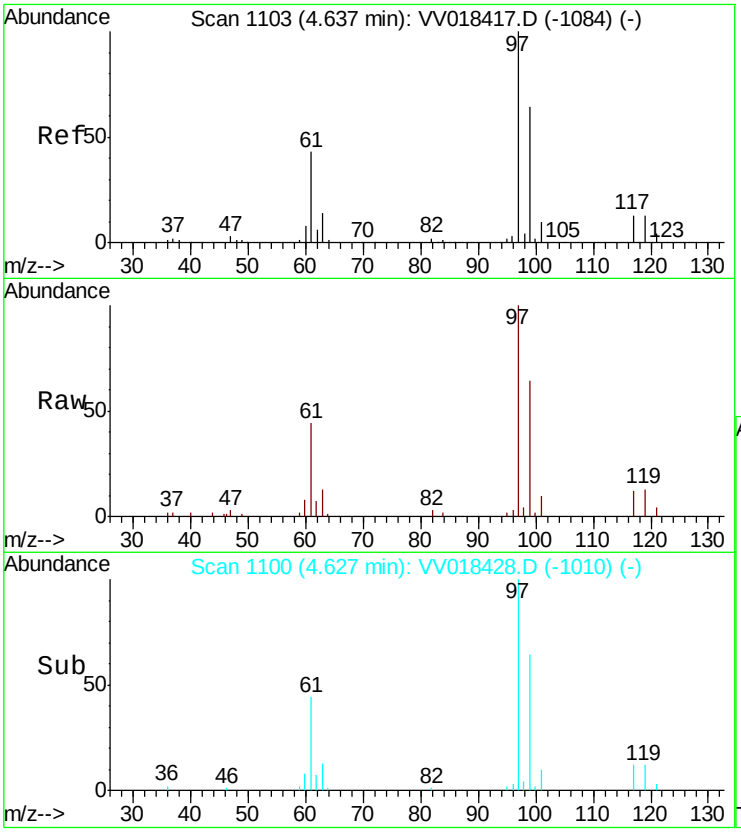


#29
Cyclohexane
Concen: 9.116 ug/L
RT: 4.69 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion: 56 Resp: 43924

Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.2	36.2
84	83.0	68.3	102.5



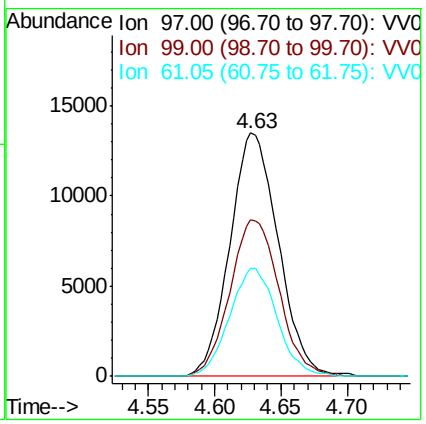


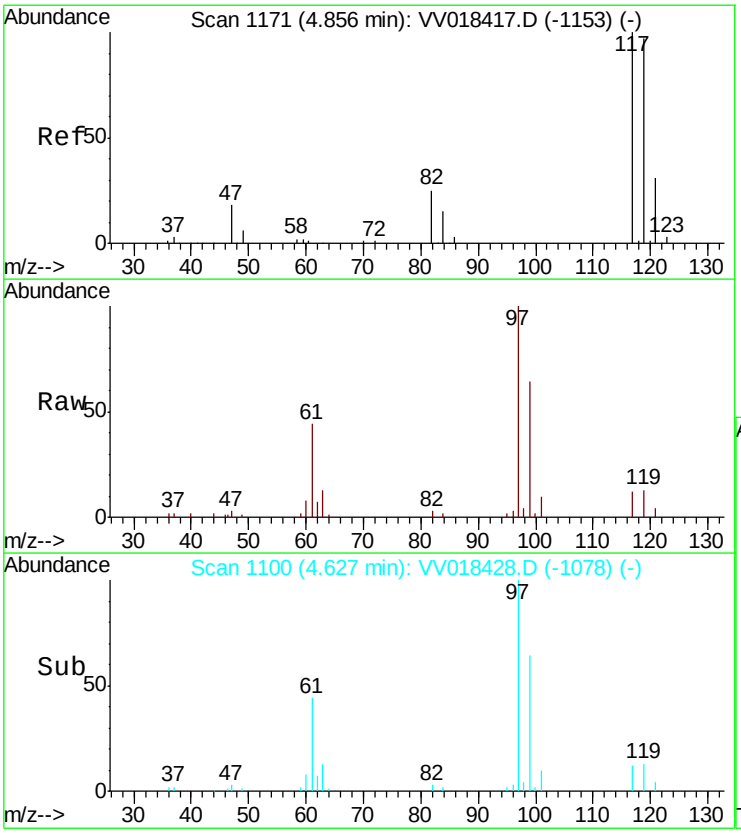
#30
1,1,1-Trichloroethane
Concen: 7.073 ug/L
RT: 4.63 min Scan# 1100
Delta R.T. -0.01 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 34252

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.6	77.4
61	43.6	34.9	52.3

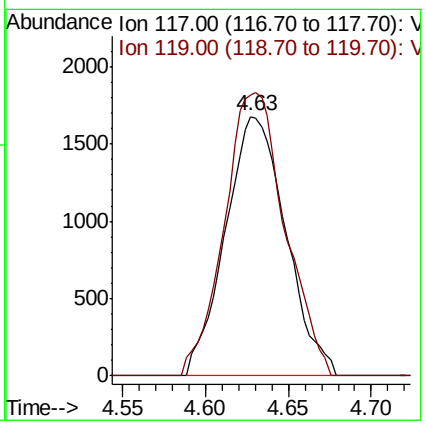


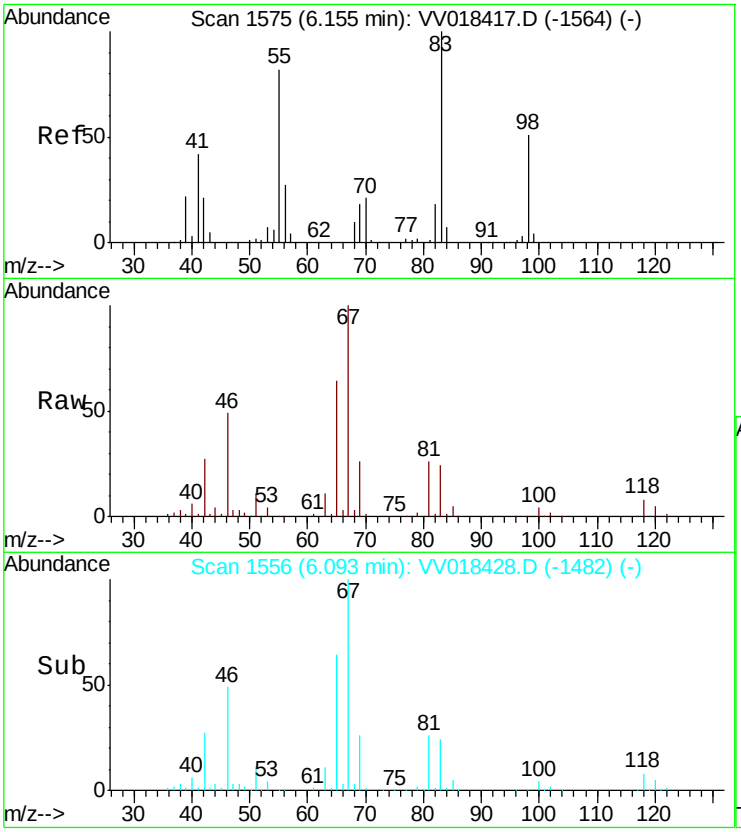


#31
Carbon tetrachloride
Concen: 0.998 ug/L
RT: 4.63 min Scan# 1100
Delta R.T. -0.23 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion:117 Resp: 4251

Ion	Ratio	Lower	Upper
117	100		
119	109.8	75.7	113.5



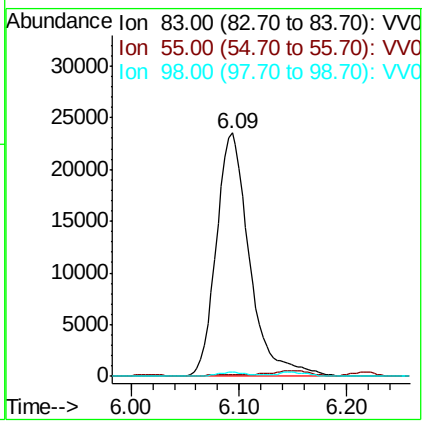


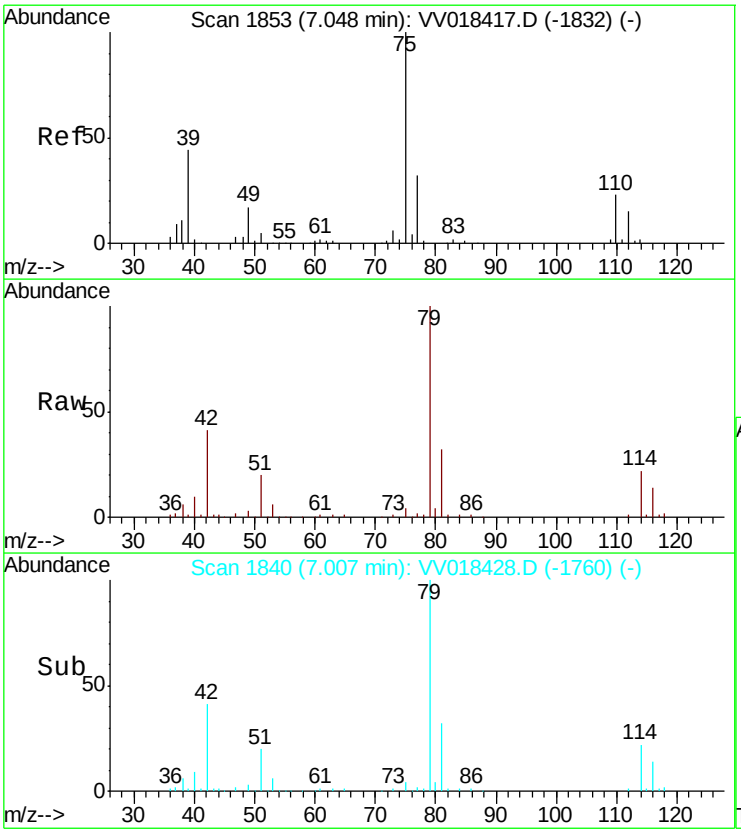
#35
Methylcyclohexane
Concen: 10.315 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 50472

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.6	38.8	58.2#

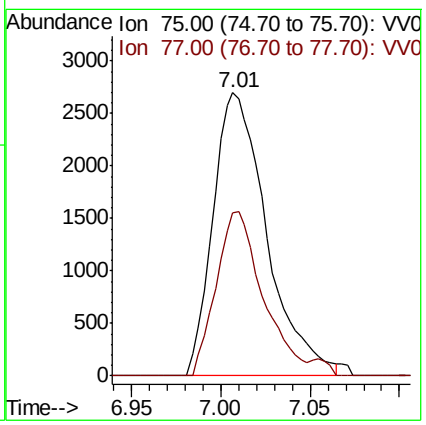


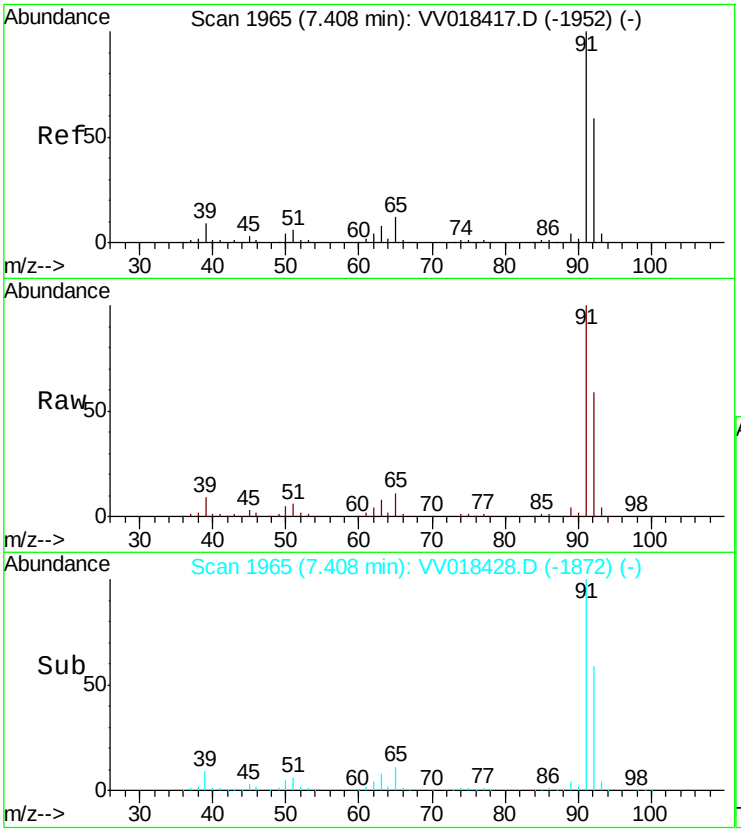


#39
cis-1,3-Dichloropropene
Concen: 1.157 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion: 75 Resp: 5636

Ion	Ratio	Lower	Upper
75	100		
77	57.7	22.3	41.3#



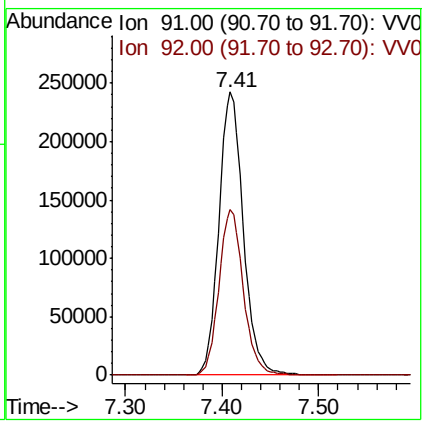


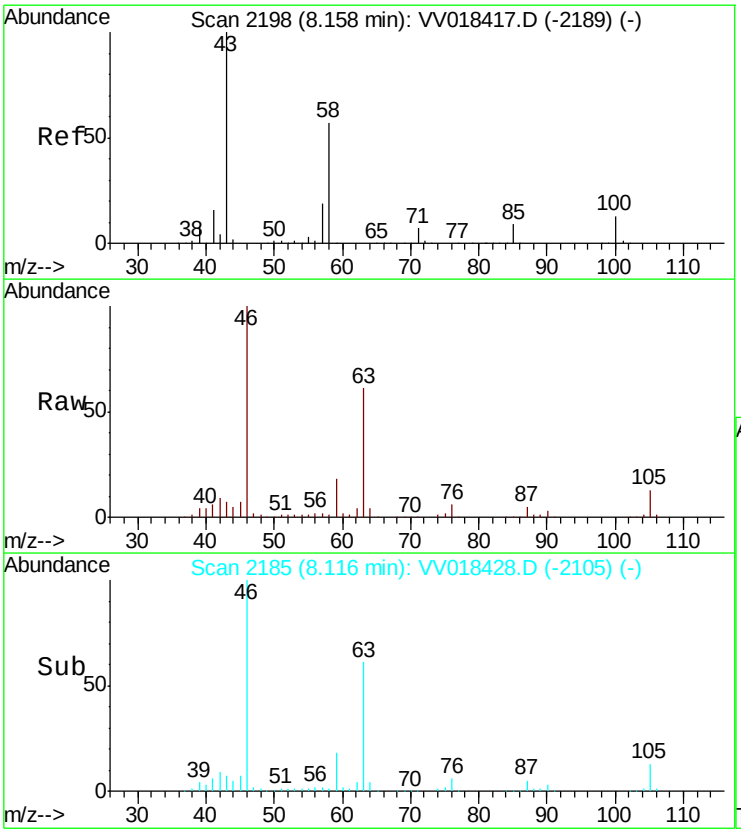
#42
Toluene
Concen: 33.704 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion: 91 Resp: 425511

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.7	75.5

Instrument :
MSVOA_V
ClientSampleId :

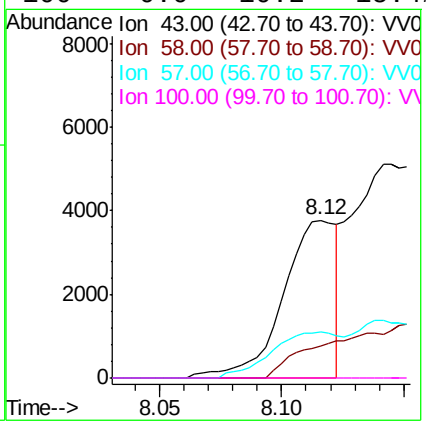


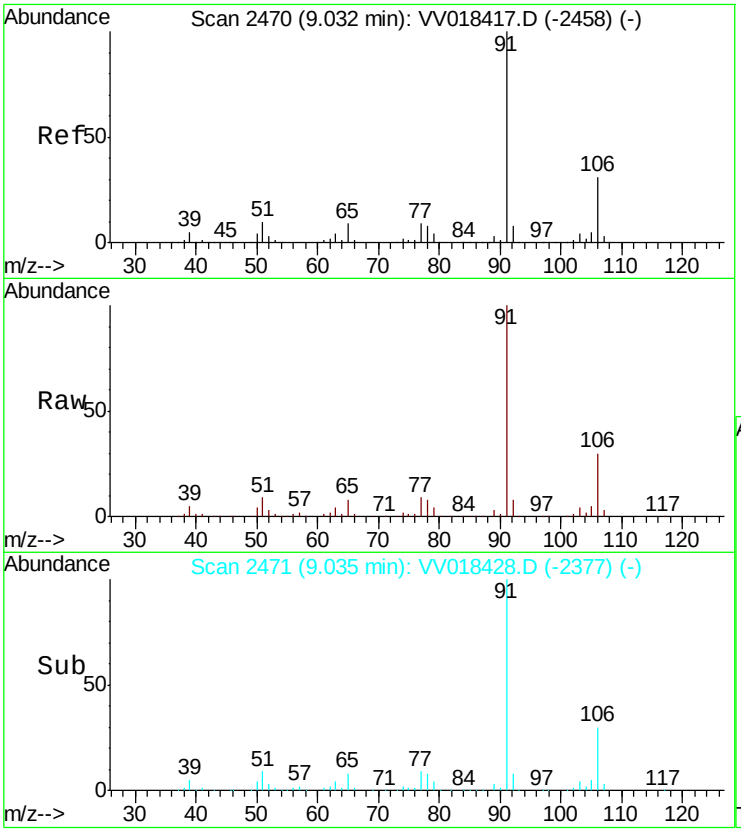


#48
2-Hexanone
Concen: 1.895 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.04 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion: 43 Resp: 5730

Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.8	67.2#
57	38.3	15.8	23.6#
100	0.0	10.2	15.4#



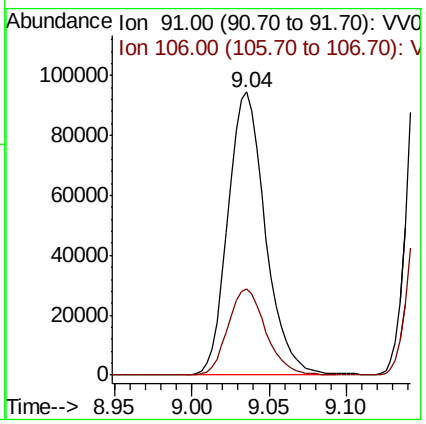


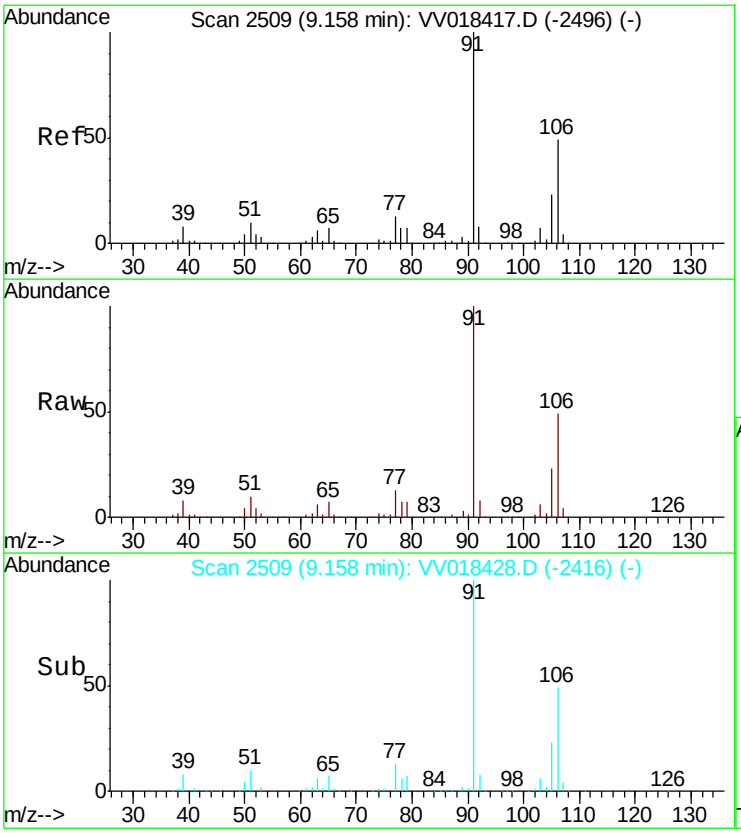
#52
Ethylbenzene
Concen: 11.527 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 91 Resp: 158879

Ion	Ratio	Lower	Upper
91	100		
106	30.4	21.3	39.5

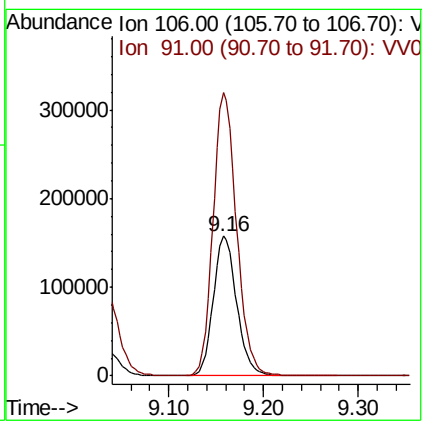


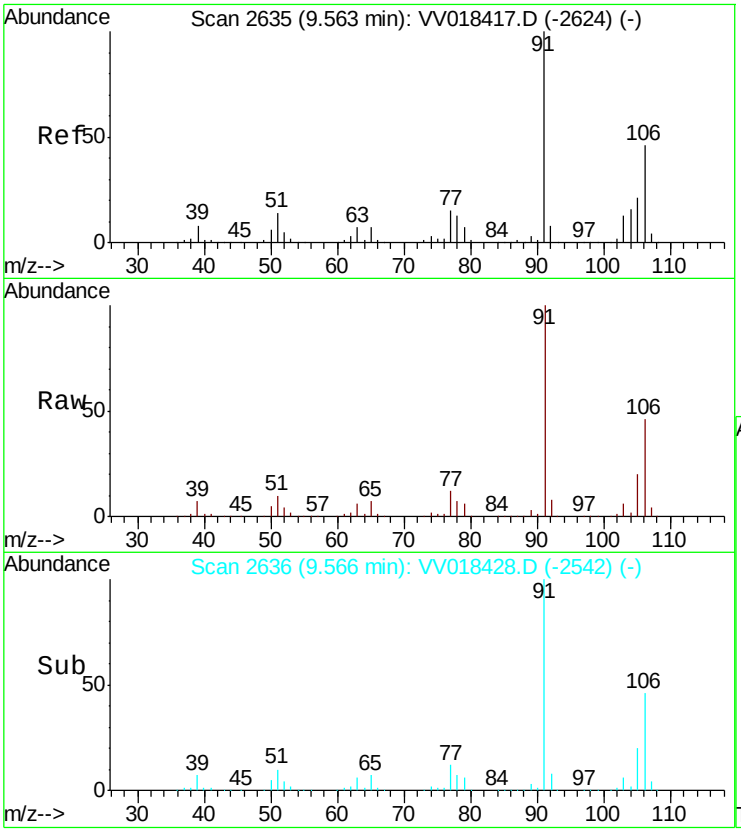


#53
m,p-Xylene
Concen: 52.604 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion:106 Resp: 270630

Ion	Ratio	Lower	Upper
106	100		
91	203.0	146.7	272.5



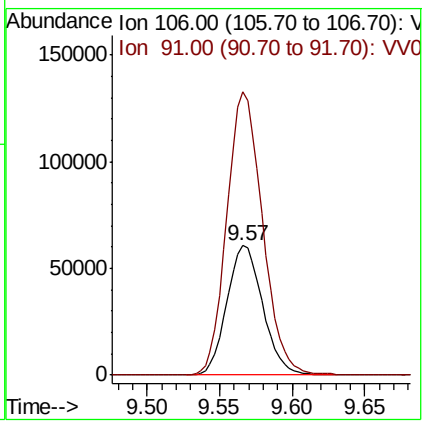


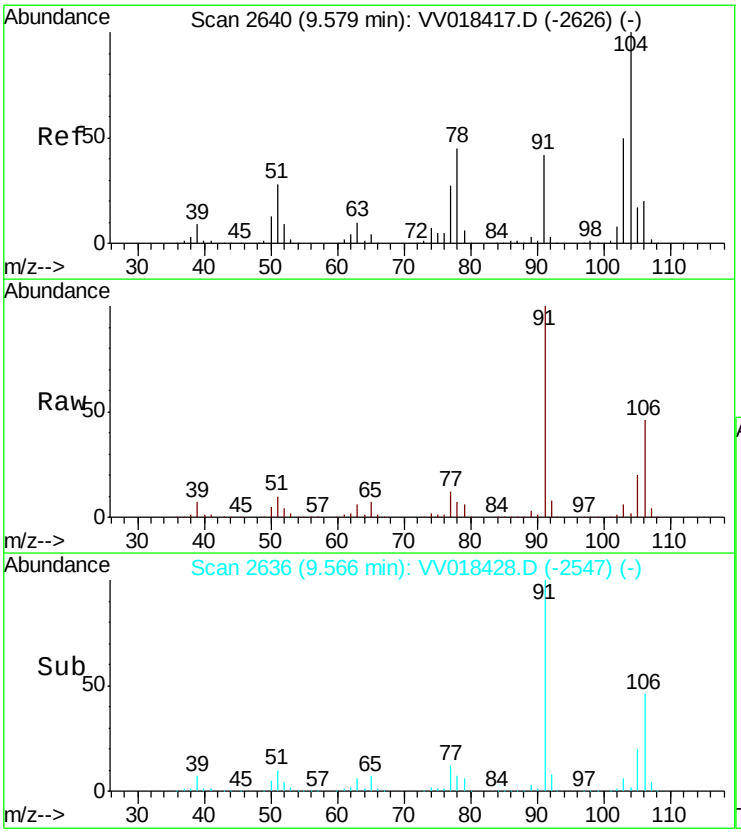
#54
o-xylene
Concen: 21.046 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 104308

Ion	Ratio	Lower	Upper
106	100		
91	218.9	152.2	282.6

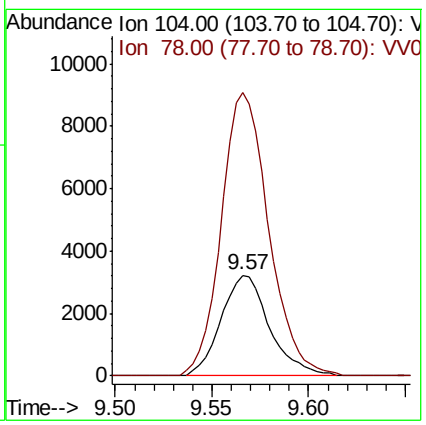


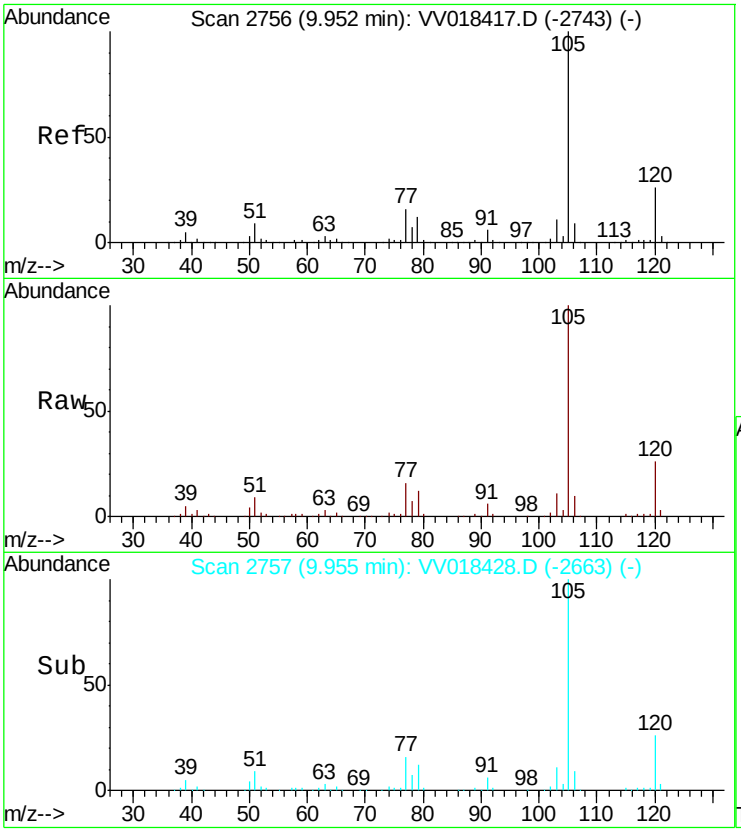


#55
Styrene
Concen: 0.655 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.01 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion:104 Resp: 5639

Ion	Ratio	Lower	Upper
104	100		
78	281.0	31.4	58.2#



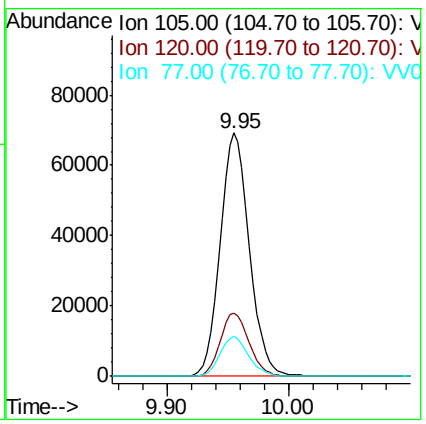


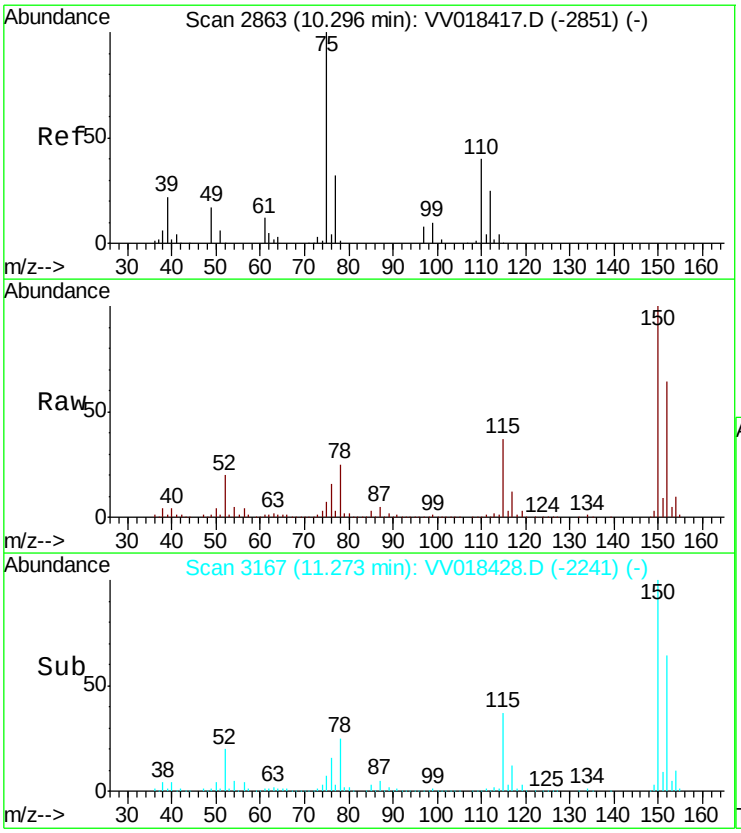
#56
Isopropylbenzene
Concen: 8.699 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 116196

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.9	31.3
77	16.1	12.5	18.7

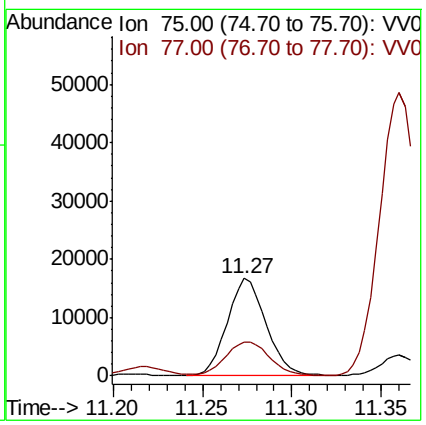


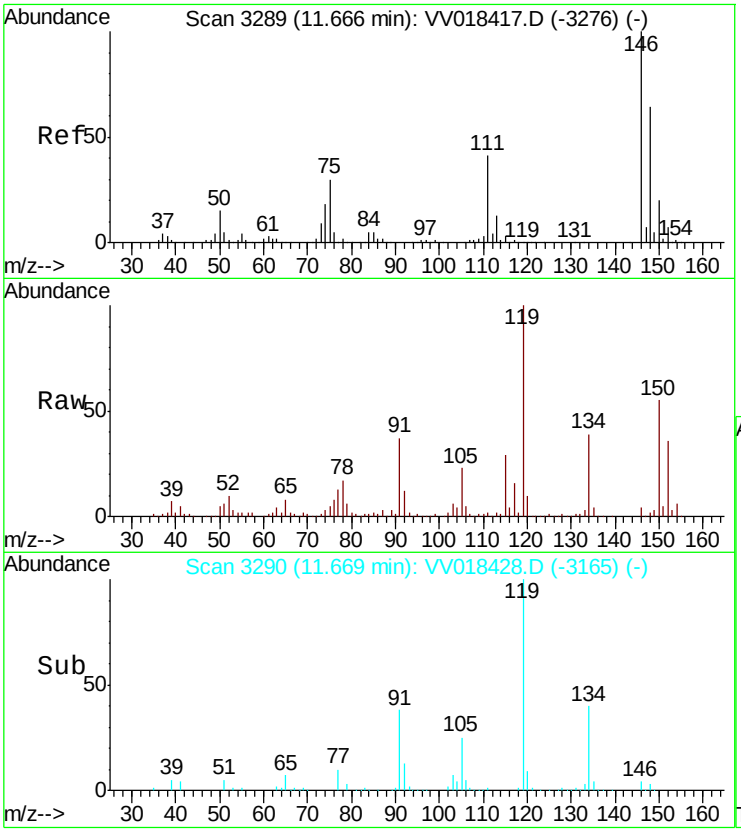


#59
1,2,3-Trichloropropane
Concen: 6.875 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion: 75 Resp: 25562

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.8	38.6



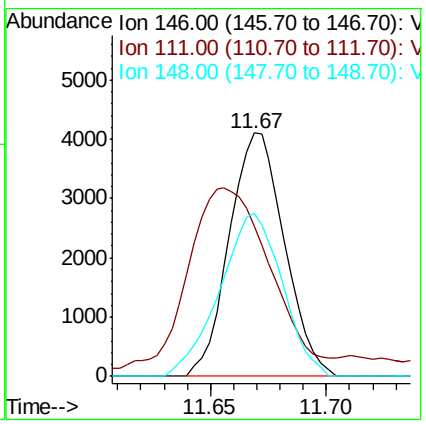


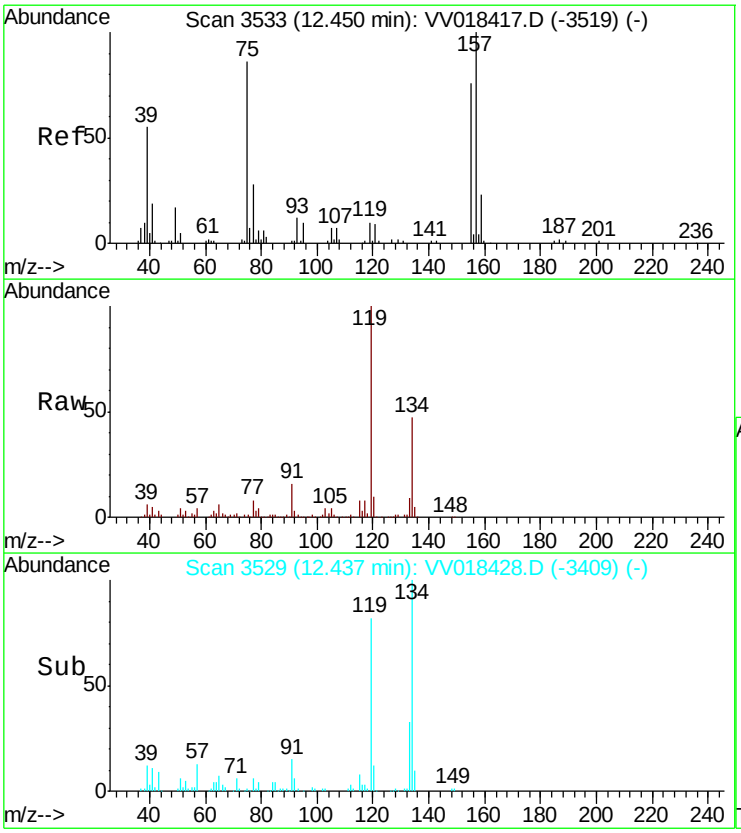
#65
1,2-Dichlorobenzene
Concen: 0.998 ug/L
RT: 11.67 min Scan# 3290
Delta R.T. 0.00 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 6773

Ion	Ratio	Lower	Upper
146	100		
111	61.5	32.8	49.2#
148	67.0	50.7	76.1

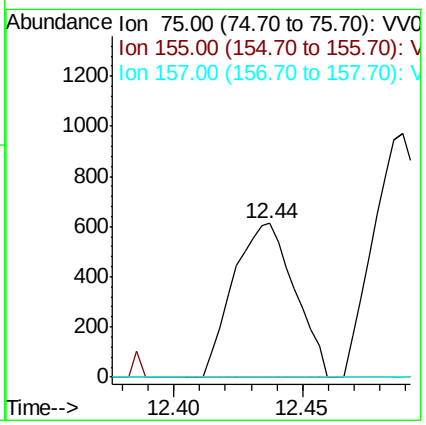


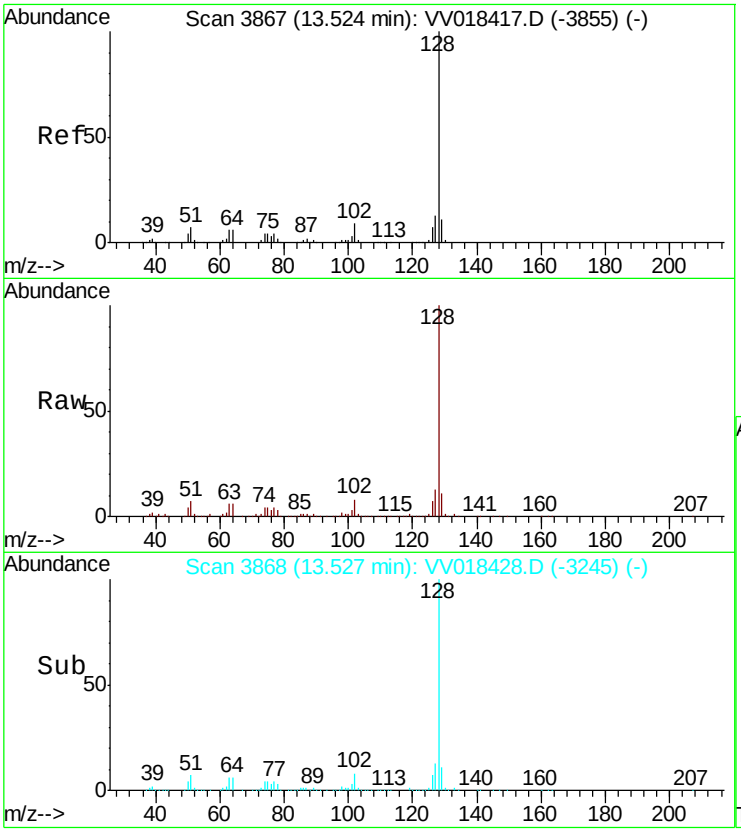


#66
1,2-Dibromo-3-chloropropane
Concen: 1.060 ug/L
RT: 12.44 min Scan# 3529
Delta R.T. -0.01 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Tgt Ion: 75 Resp: 1016

Ion	Ratio	Lower	Upper
75	100		
155	0.0	69.7	104.5#
157	0.0	88.2	132.4#





#69
Naphthalene
Concen: 23.445 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV018428.D
Acq: 24 Sep 2020 14:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 279763

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.0	8.6	13.0