Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012420\
Data File : VV014392.D
Acq On : 24 Jan 2020 16:00
Operator : SY/MD
Sample : L1253-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AB0MS

Quant Time: Jan 27 15:31:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	957706	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	877775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	411370	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	206227	3.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.60%			
7) Chloroethane-d5	1.58	69	197770	3.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.40%			
11) 1,1-Dichloroethene-d2	2.13	63	356651	3.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.20%			
20) 2-Butanone-d5	3.95	46	663734	41.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.46%			
24) Chloroform-d	4.40	84	582739	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.08	65	274522	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.60%			
32) Benzene-d6	5.10	84	1080756	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.40%			
36) 1,2-Dichloropropane-d6	6.11	67	376095	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.36	98	873280	3.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.00%			
43) trans-1,3-Dichloropropene-	7.66	79	132837	3.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.00%			
46) 2-Hexanone-d5	8.13	63	793188	52.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.30%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	277915	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	338399	4.38	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	46437	0.693	ug/L	92
12) 1,1-Dichloroethene	2.14	96	221905	5.186	ug/L	95
14) Carbon disulfide	2.32	76	194852	1.026	ug/L	97
15) Methyl Acetate	2.47	43	91560	3.548	ug/L	95
16) Methylene chloride	2.54	84	149625	2.148	ug/L	90
18) trans-1,2-Dichloroethene	2.79	96	43176	0.671	ug/L	94
19) 1,1-Dichloroethane	3.23	63	57698	0.458	ug/L	99
21) 2-Butanone	4.05	43	120510	7.247	ug/L	85
22) cis-1,2-Dichloroethene	3.96	96	7909840	112.190	ug/L #	97
33) Benzene	5.14	78	1488773	5.507	ug/L	100
34) Trichloroethene	5.96	95	4814803	69.309	ug/L	99
42) Toluene	7.43	91	1561398	5.472	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	11436	0.262	ug/L	94
47) Tetrachloroethene	8.02	164	27086	0.571	ug/L	98
51) Chlorobenzene	8.92	112	939176	5.352	ug/L	99
53) m,p-xylene	9.18	106	9757	0.083	ug/L	83

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012420\
Data File : VV014392.D
Acq On : 24 Jan 2020 16:00
Operator : SY/MD
Sample : L1253-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AB0MS

Quant Time: Jan 27 15:31:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 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 (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012420\
Data File : VV014392.D
Acq On : 24 Jan 2020 16:00
Operator : SY/MD
Sample : L1253-02MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

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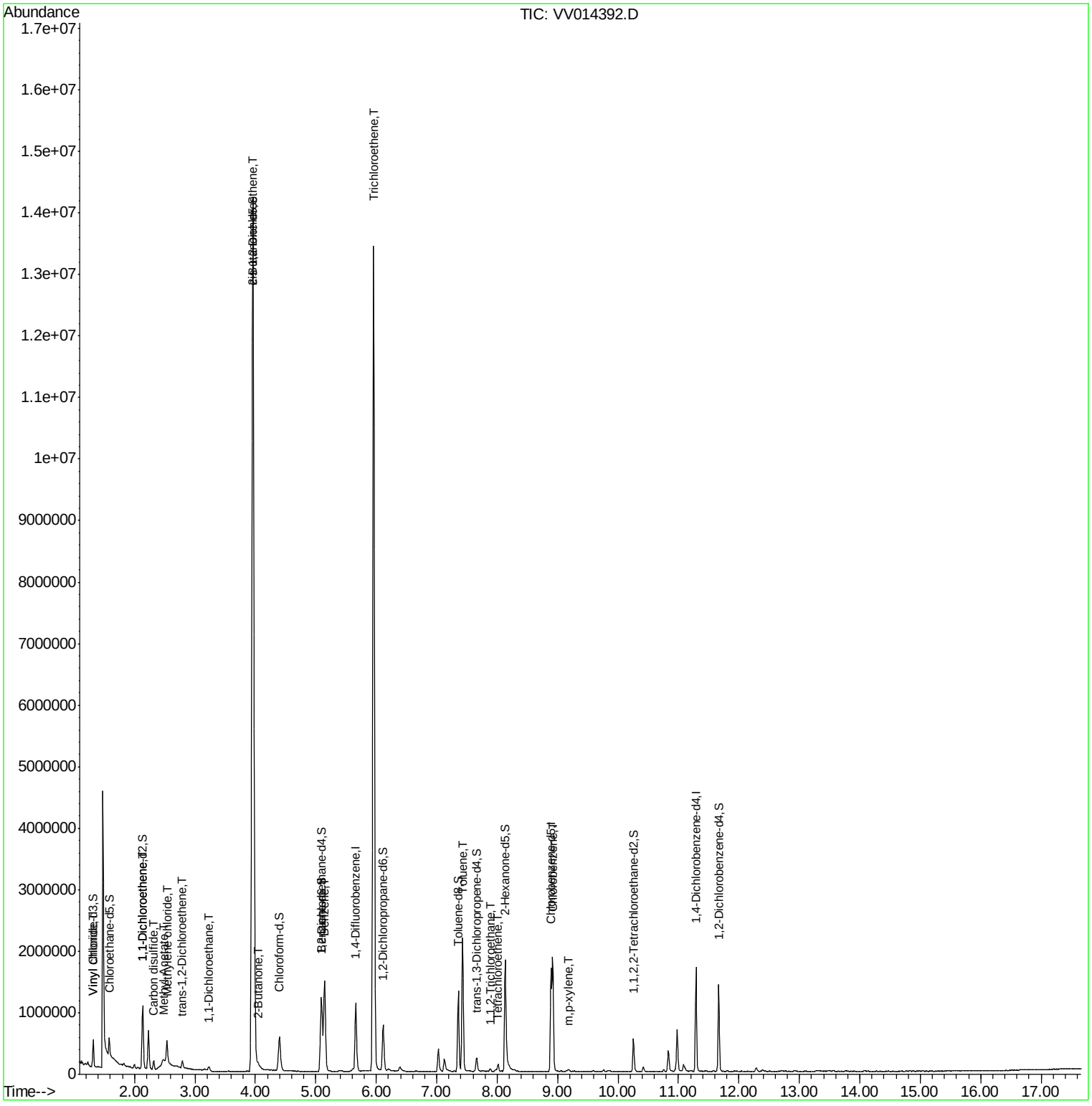
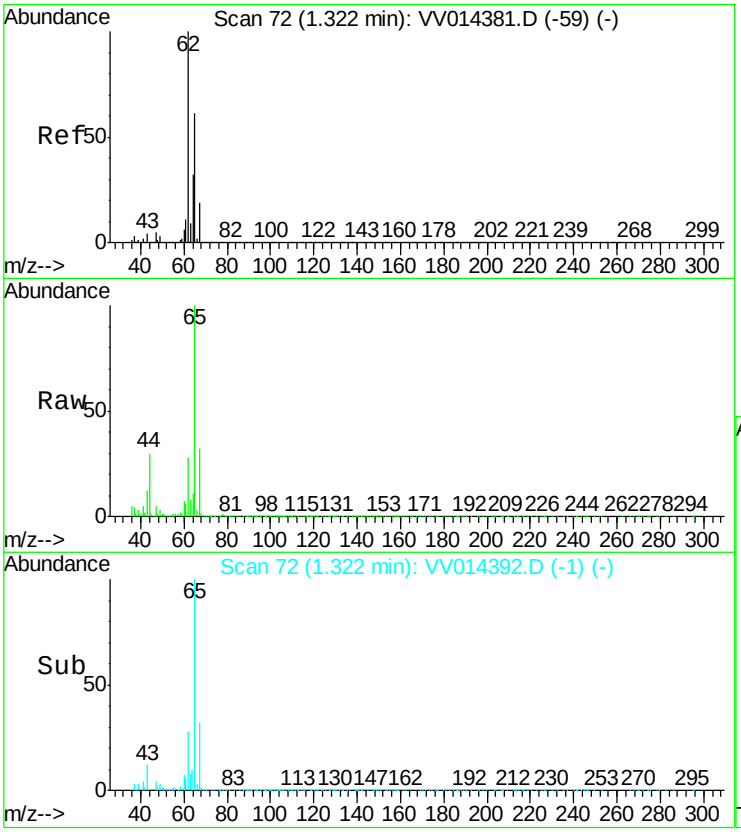
Quant Time: Jan 27 15:31:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 25 00:18:39 2020
Response via : Initial Calibration



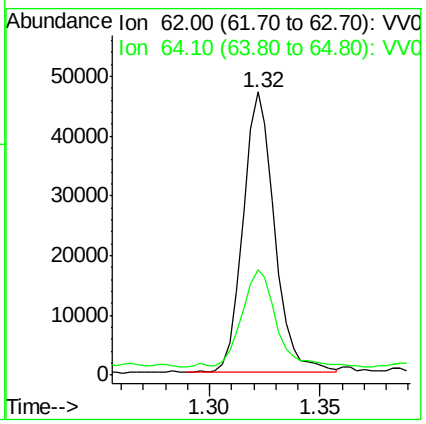


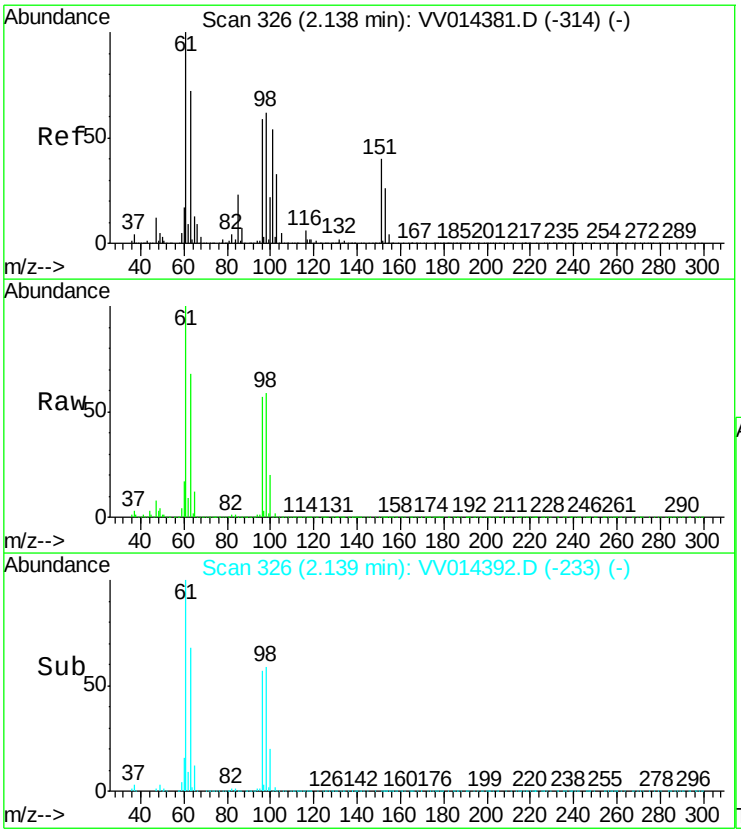
#5
Vinyl chloride
Concen: 0.693 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion: 62 Resp: 46437

Ion	Ratio	Lower	Upper
62	100		
64	37.4	23.0	42.6

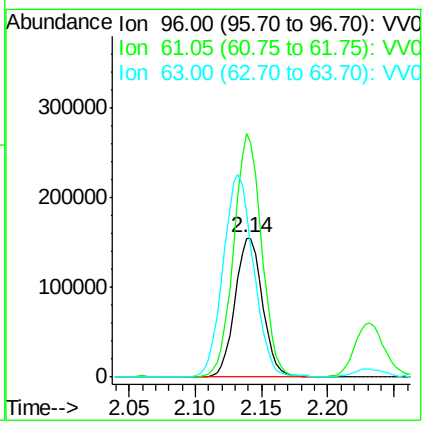


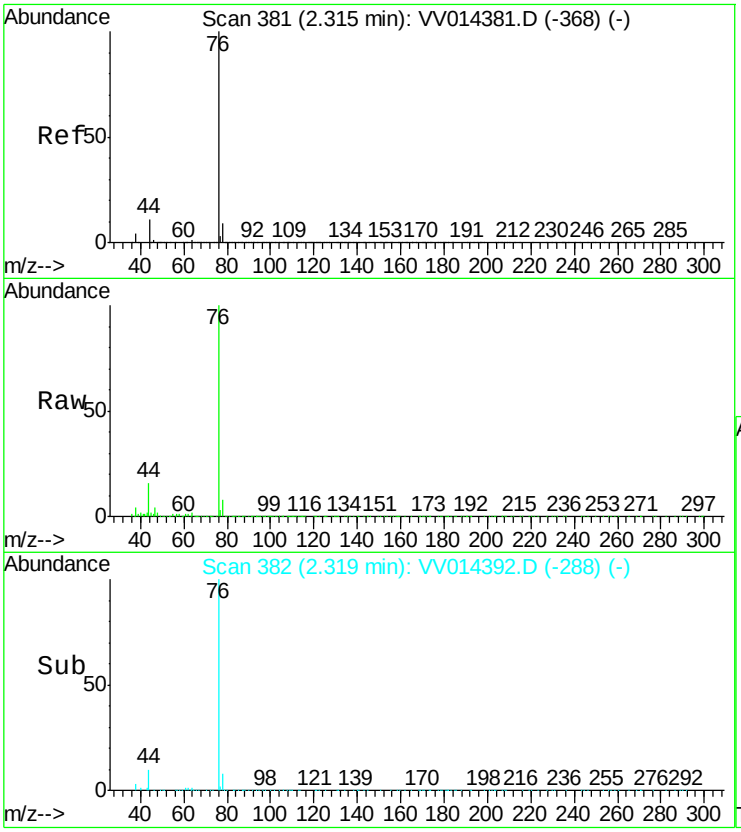


#12
1,1-Dichloroethene
Concen: 5.186 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion: 96 Resp: 221905

Ion	Ratio	Lower	Upper
96	100		
61	175.2	121.5	225.7
63	118.5	90.3	167.7



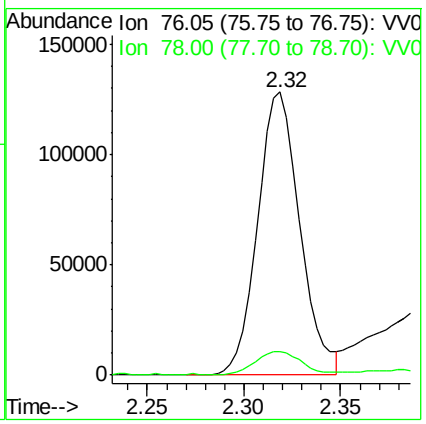


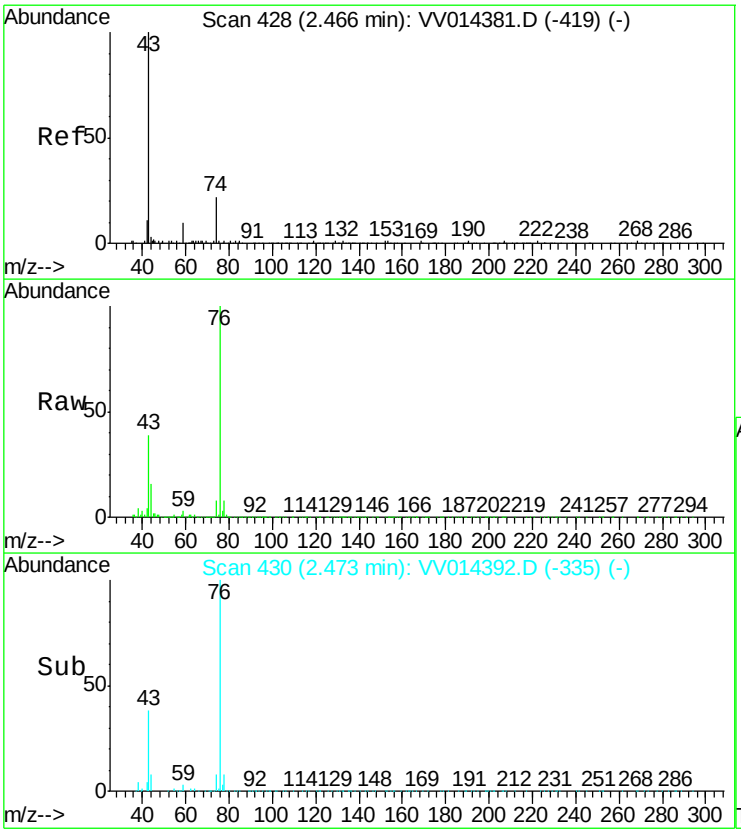
#14
Carbon disulfide
Concen: 1.026 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion: 76 Resp: 194852

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.5	11.3

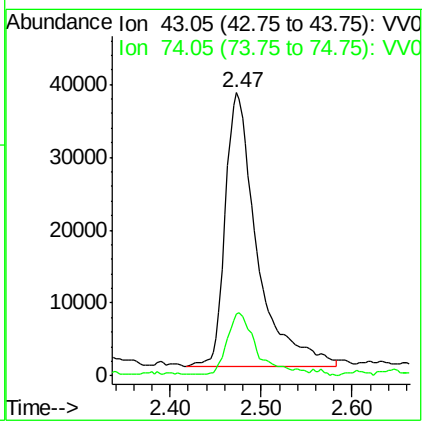


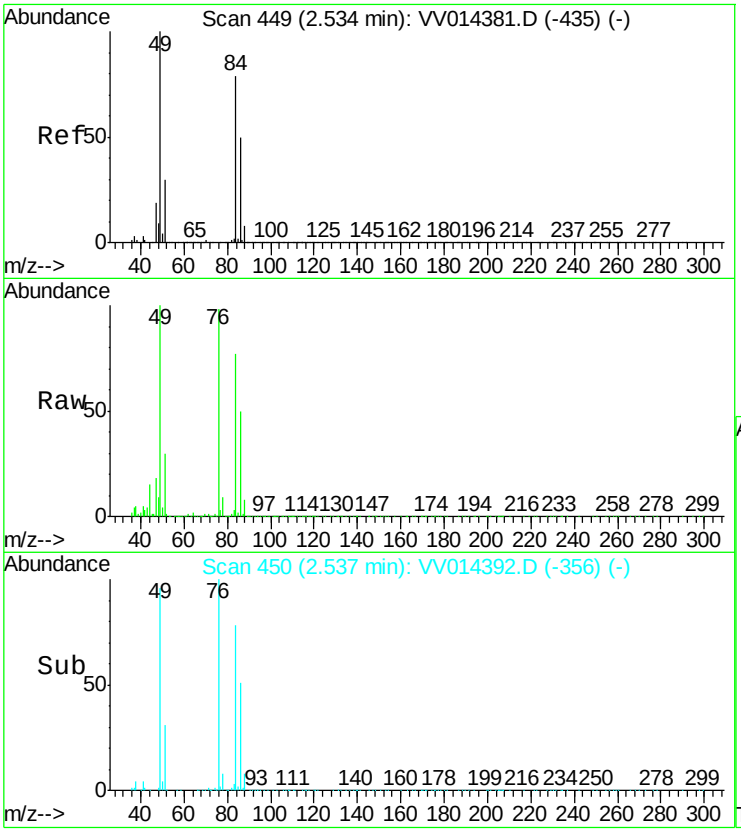


#15
Methyl Acetate
Concen: 3.548 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion: 43 Resp: 91560

Ion	Ratio	Lower	Upper
43	100		
74	20.7	18.6	28.0



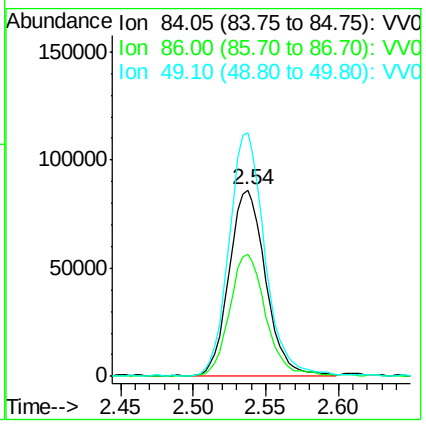


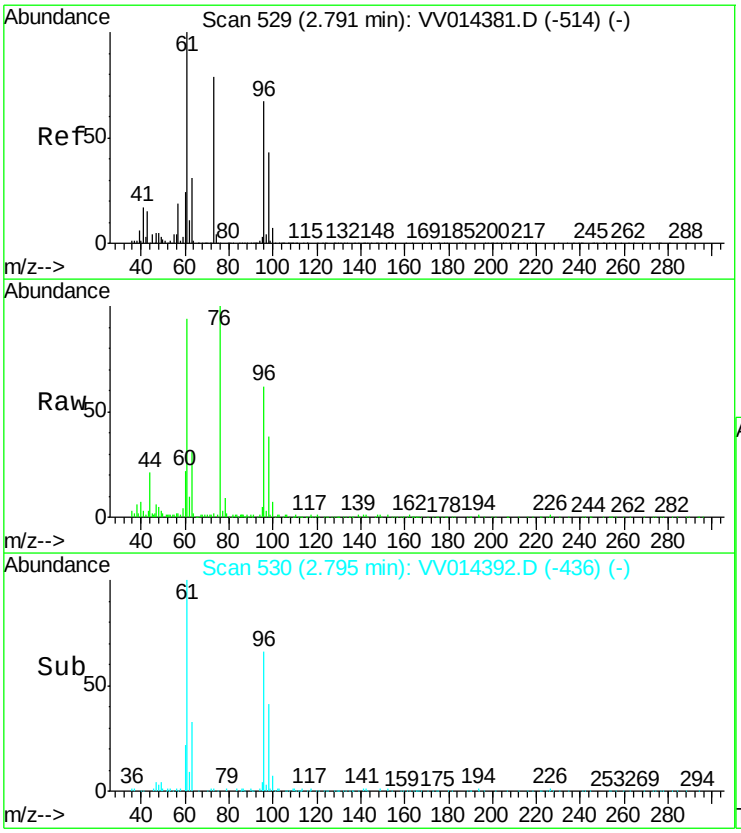
#16
Methylene chloride
Concen: 2.148 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion: 84 Resp: 149625

Ion	Ratio	Lower	Upper
84	100		
86	65.5	43.1	80.1
49	130.6	82.1	152.5

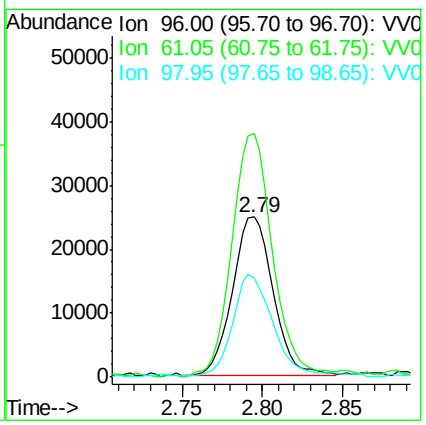


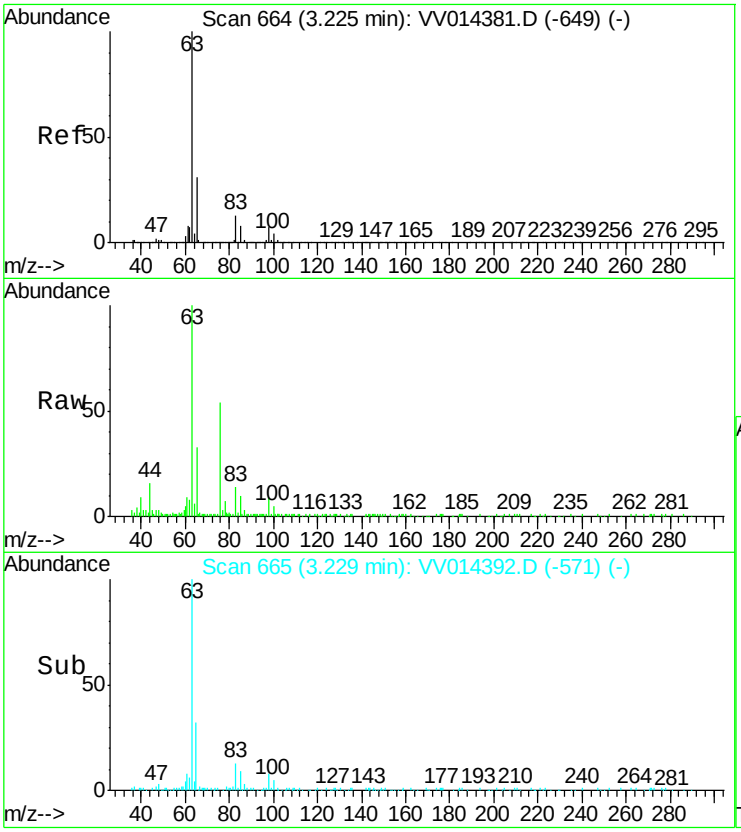


#18
trans-1,2-Dichloroethene
Concen: 0.671 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion: 96 Resp: 43176

Ion	Ratio	Lower	Upper
96	100		
61	152.1	99.2	184.2
98	61.6	43.1	80.1



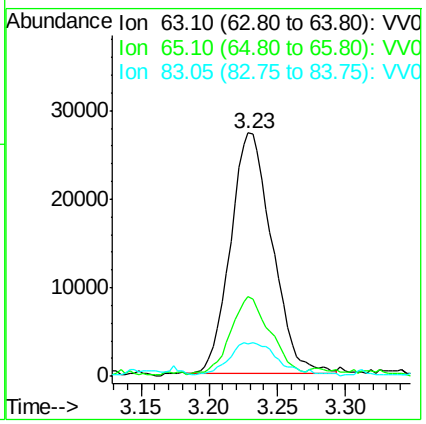


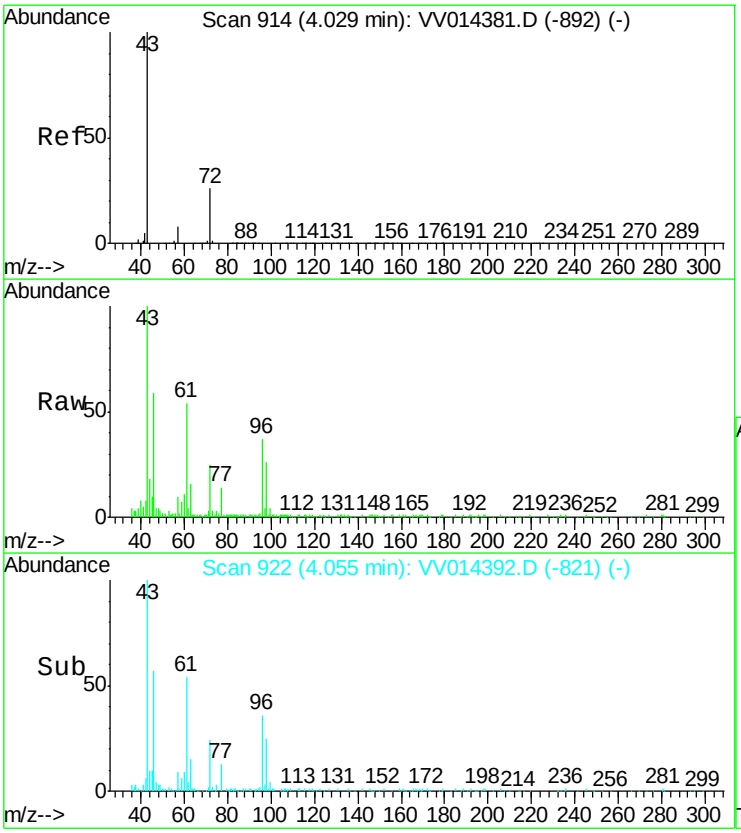
#19
1,1-Dichloroethane
Concen: 0.458 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument : MSVOA_V
ClientSampleId : H0AB0MS

Tgt Ion: 63 Resp: 57698

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.3
83	13.5	10.0	18.6

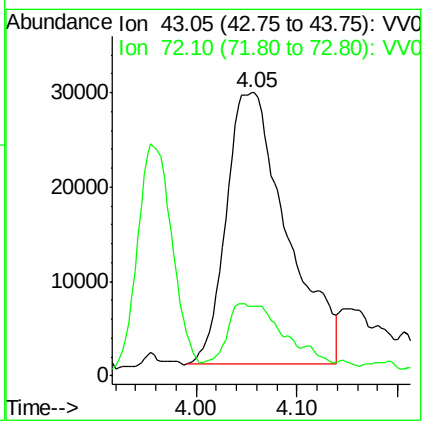


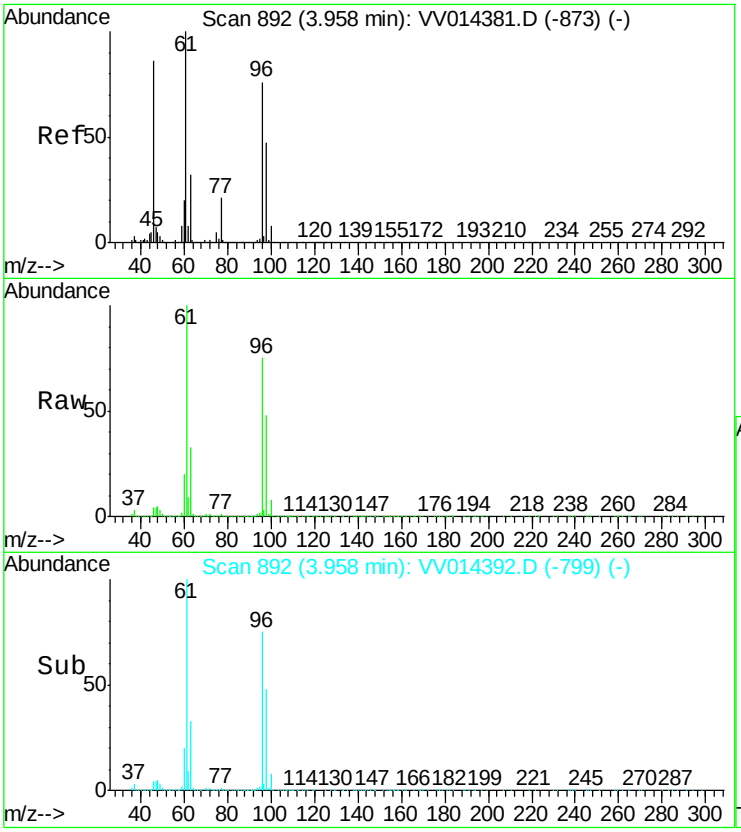


#21
2-Butanone
Concen: 7.247 ug/L
RT: 4.05 min Scan# 922
Delta R.T. 0.03 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion: 43 Resp: 120510

Ion	Ratio	Lower	Upper
43	100		
72	17.5	12.4	37.2



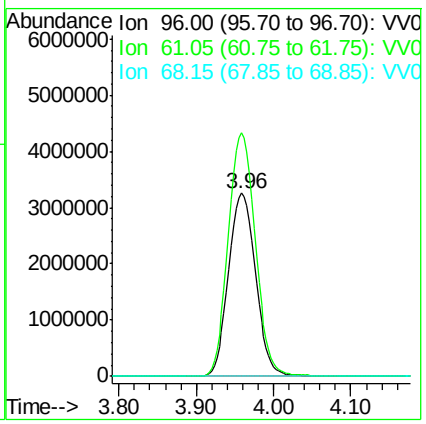


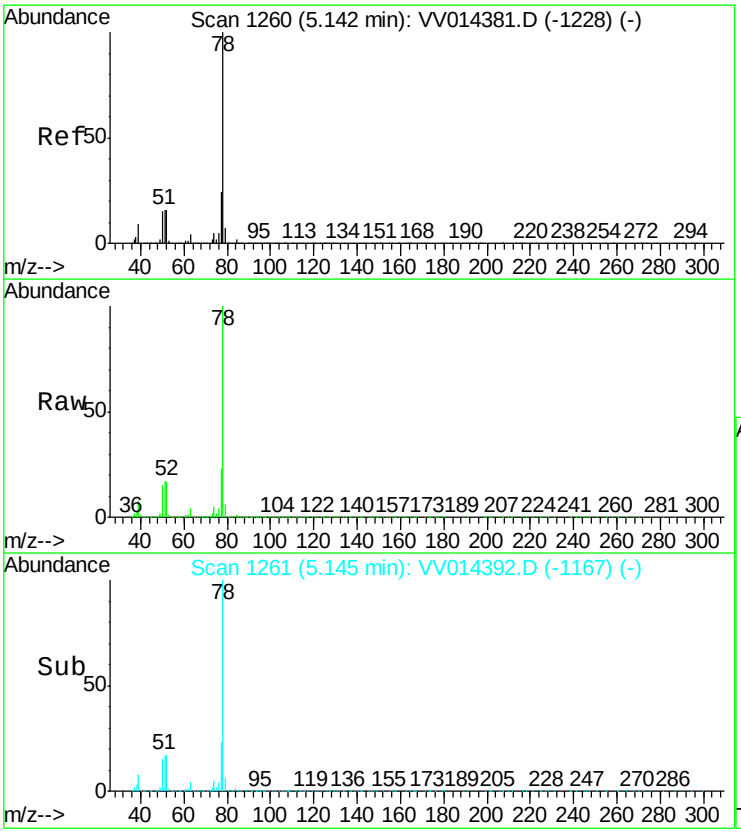
#22
cis-1,2-Dichloroethene
Concen: 112.190 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion: 96 Resp: 7909840

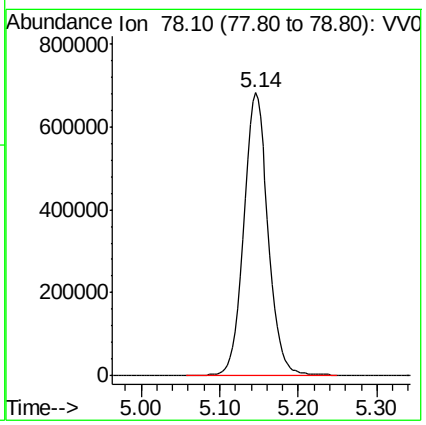
Ion	Ratio	Lower	Upper
96	100		
61	133.2	90.6	168.3
68	0.0	0.3	0.7#

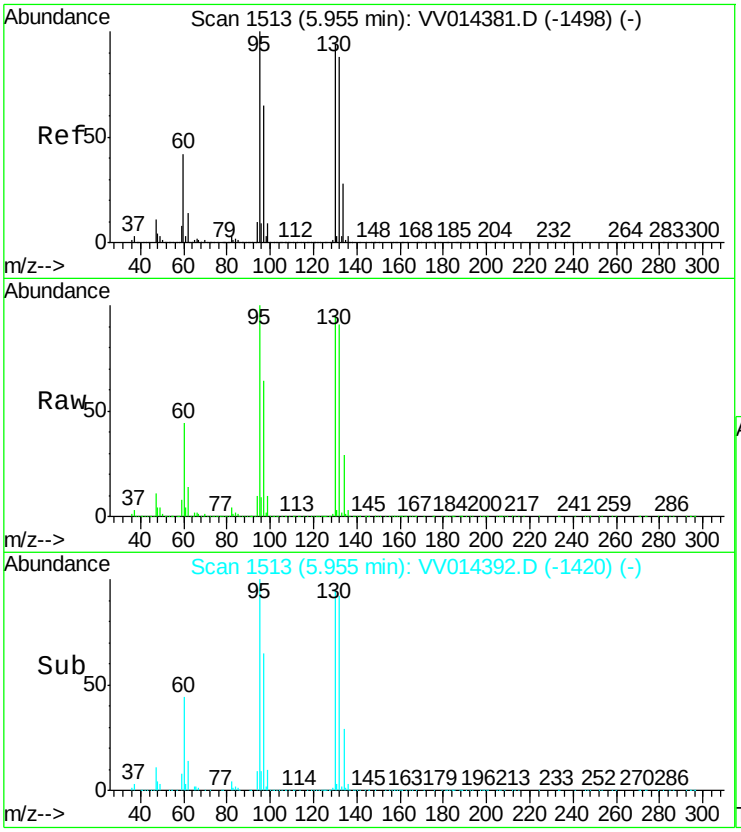




#33
Benzene
Concen: 5.507 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion: 78 Resp: 1488773



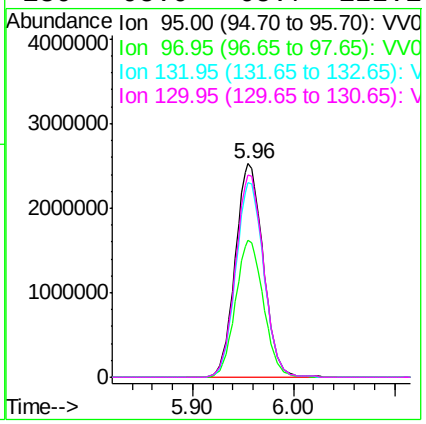


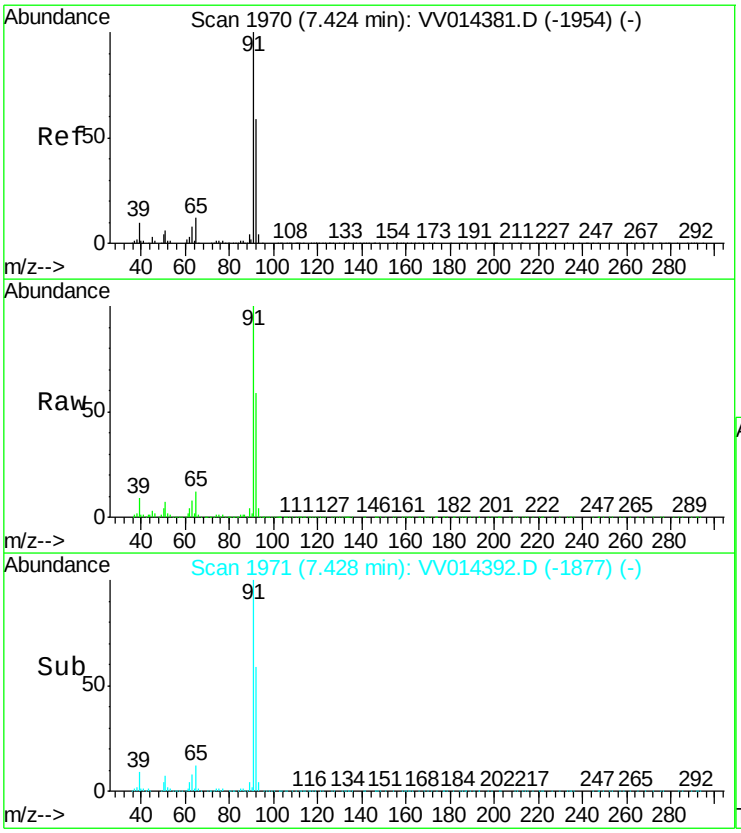
#34
Trichloroethene
Concen: 69.309 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument :
MSVOA_V
ClientSampleId :
H0AB0MS

Tgt Ion: 95 Resp: 4814803

Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.8	81.3
132	91.1	63.4	117.8
130	95.0	65.7	122.1

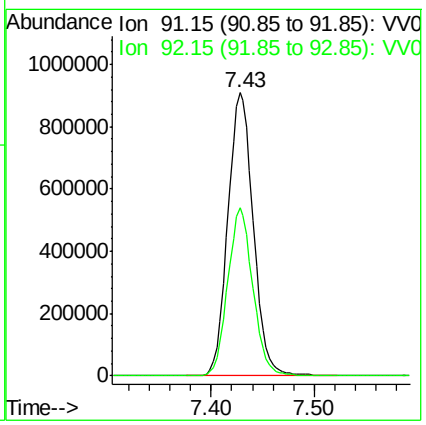


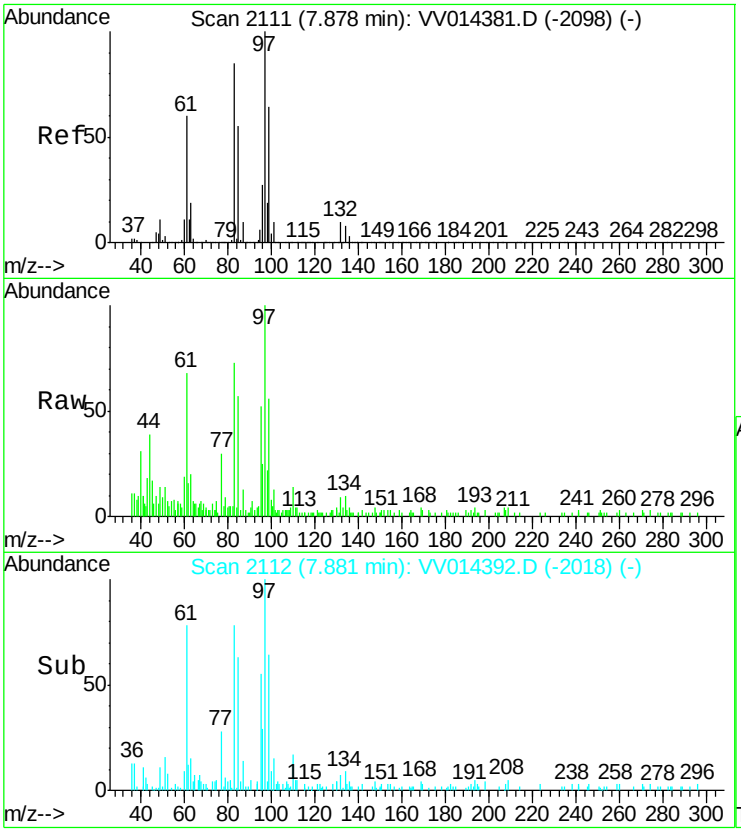


#42
Toluene
Concen: 5.472 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion: 91 Resp: 1561398

Ion	Ratio	Lower	Upper
91	100		
92	59.5	41.2	76.6



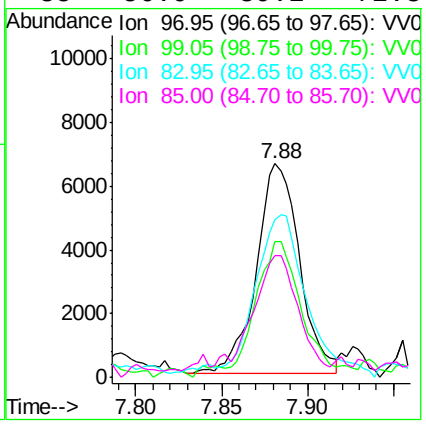


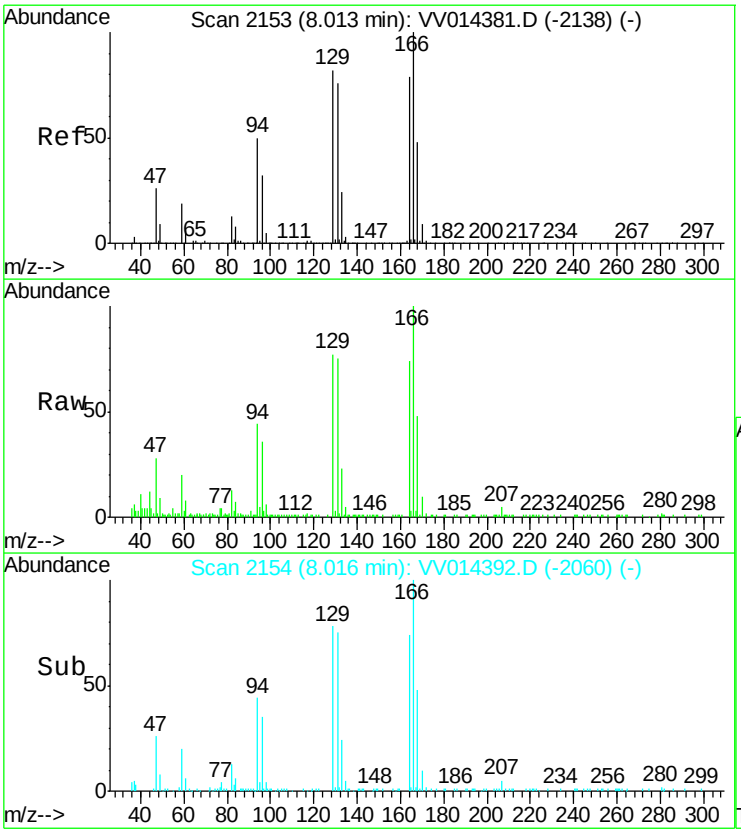
#45
1,1,2-Trichloroethane
Concen: 0.262 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument : MSVOA_V
ClientSampleId : H0AB0MS

Tgt Ion: 97 Resp: 11436

Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.7	81.1
83	73.4	60.0	111.4
85	56.9	39.2	72.8

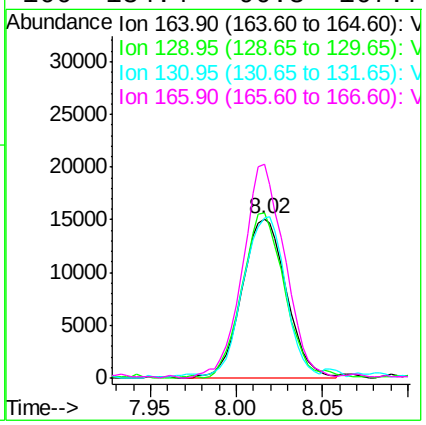


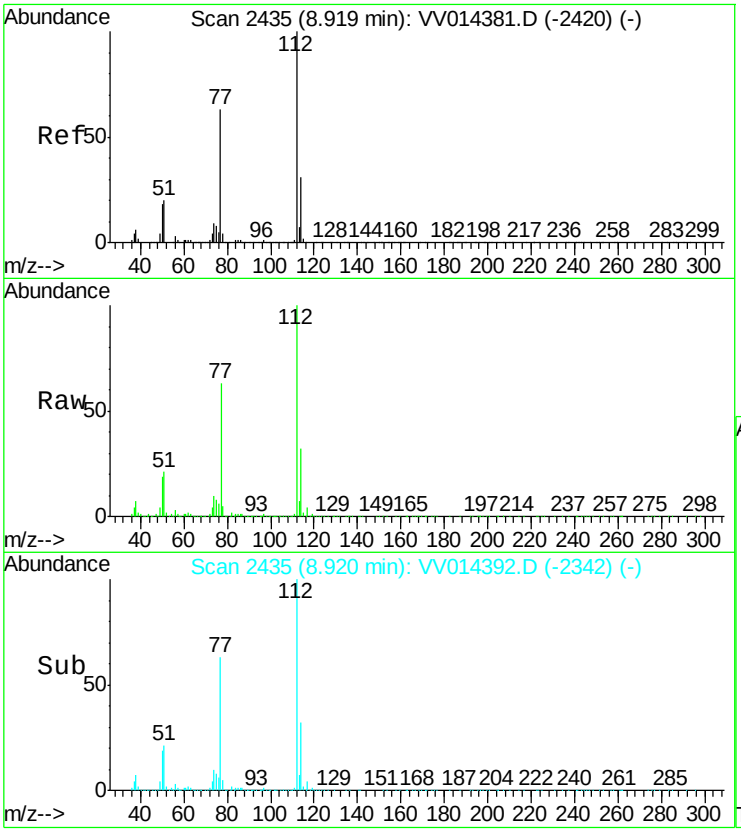


#47
Tetrachloroethene
Concen: 0.571 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion:164 Resp: 27086

Ion	Ratio	Lower	Upper
164	100		
129	104.0	71.7	133.3
131	100.6	70.4	130.8
166	134.4	90.3	167.7



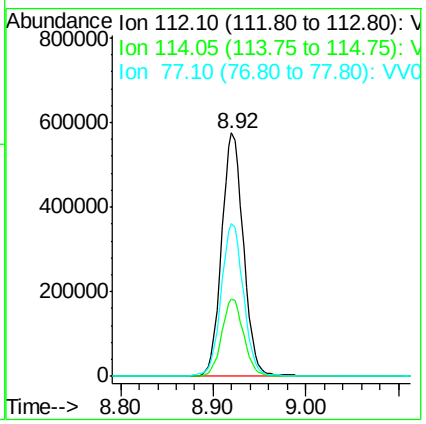


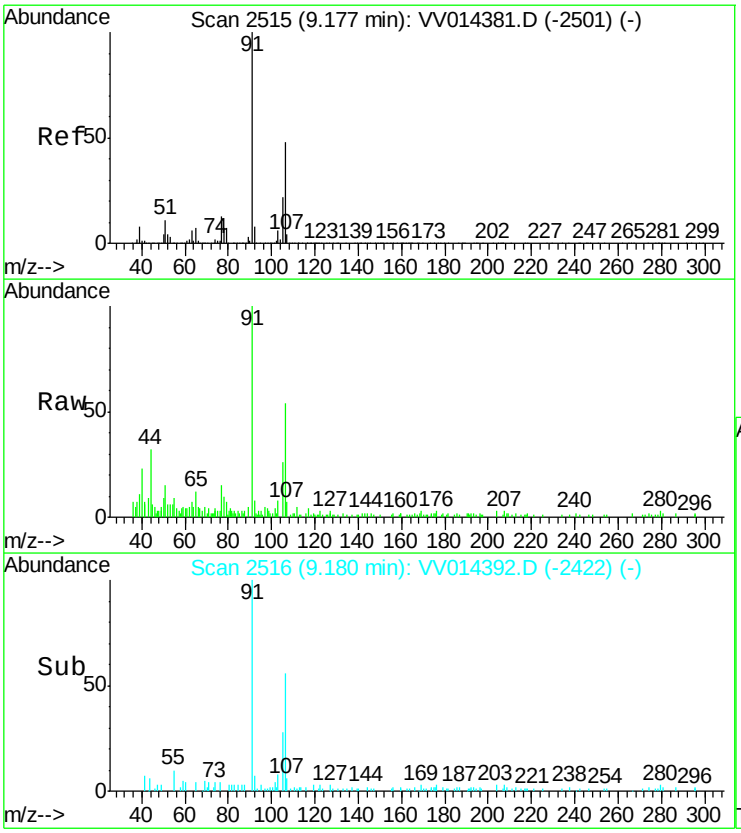
#51
Chlorobenzene
Concen: 5.352 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Instrument : MSVOA_V
ClientSampleId : H0AB0MS

Tgt Ion:112 Resp: 939176

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.7
77	62.9	49.3	73.9





#53
m,p-xylene
Concen: 0.083 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014392.D
Acq: 24 Jan 2020 16:00

Tgt Ion:106 Resp: 9757

Ion	Ratio	Lower	Upper
106	100		
91	183.8	146.8	272.6