Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122019\
Data File : VV014150.D
Acq On : 20 Dec 2019 13:01
Operator : SY/MD
Sample : K6286-14DL 2X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ0DL

Quant Time: Dec 21 02:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	410168	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	395838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	171954	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	123796	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.58	69	109960	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.13	63	160622	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.20%			
20) 2-Butanone-d5	3.92	46	248650	47.11	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.22%			
24) Chloroform-d	4.40	84	230305	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.08	65	113257	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.09	84	448954	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.11	67	138876	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.36	98	356947	3.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.40%			
43) trans-1,3-Dichloropropene-	7.66	79	44435	3.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.00%			
46) 2-Hexanone-d5	8.13	63	163592	37.44	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.88%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	90537	4.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	140376	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	5487	0.224	ug/L #	58
9) Trichlorofluoromethane	1.77	101	5714	0.150	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1833	0.081	ug/L #	41
13) Acetone	2.18	43	20613	5.585	ug/L	69
14) Carbon disulfide	2.32	76	3575	0.079	ug/L #	89
15) Methyl Acetate	2.46	43	2538	0.307	ug/L #	55
16) Methylene chloride	2.53	84	102693	3.802	ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	4548	0.204	ug/L	85
19) 1,1-Dichloroethane	3.23	63	10451	0.235	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	121052	4.636	ug/L #	91
25) Chloroform	4.42	83	8066	0.171	ug/L	92
29) 1,1,1-Trichloroethane	4.65	97	3303	0.082	ug/L #	79
33) Benzene	5.14	78	6711	0.069	ug/L	100
34) Trichloroethene	5.96	95	302022	11.276	ug/L	99
35) Methylcyclohexane	6.11	83	34473	0.965	ug/L #	20
44) trans-1,3-Dichloropropene	7.66	75	2089	0.075	ug/L	86
47) Tetrachloroethene	8.01	164	4127	0.177	ug/L	84

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122019\
Data File : VV014150.D
Acq On : 20 Dec 2019 13:01
Operator : SY/MD
Sample : K6286-14DL 2X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFDZ0DL

Quant Time: Dec 21 02:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.18	43	5955	0.573	ug/L	#	40
49) Dibromochloromethane	8.02	129	3551	0.156	ug/L	#	10

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122019\
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Acq On : 20 Dec 2019 13:01
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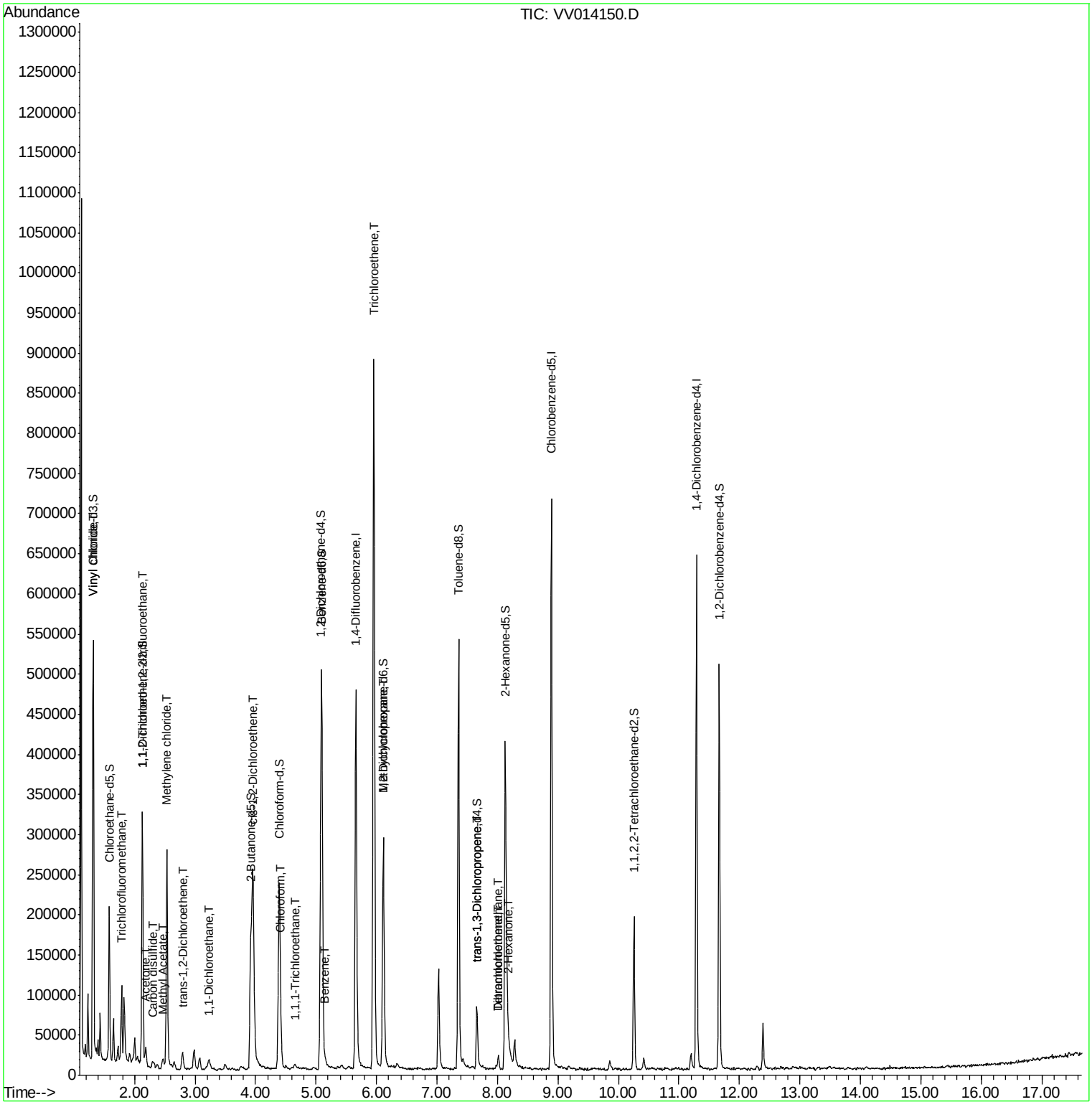
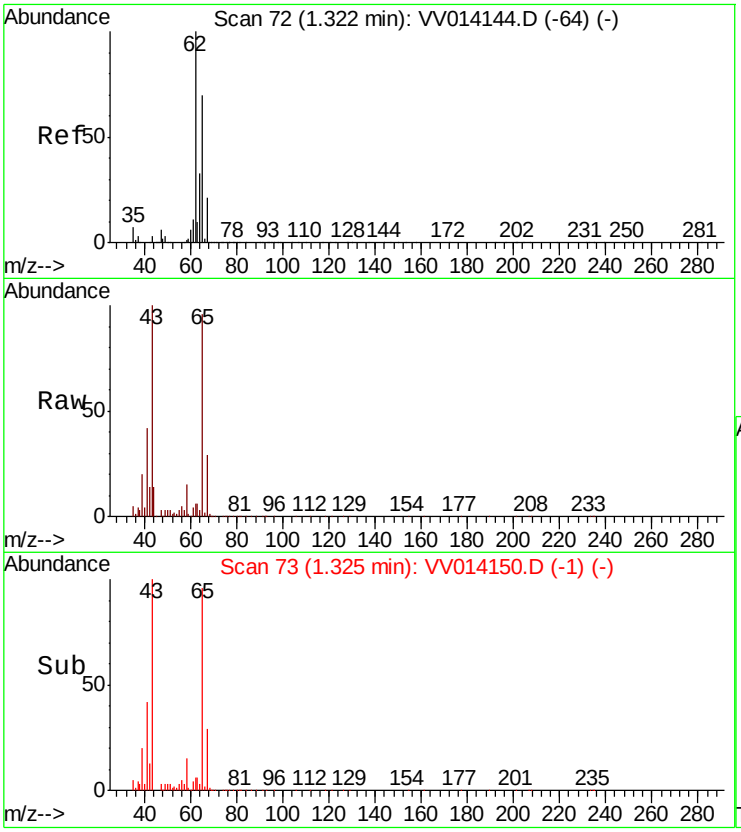
Sample : K6286-14DL 2X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0DL

Quant Time: Dec 21 02:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 21 02:31:50 2019
Response via : Initial Calibration



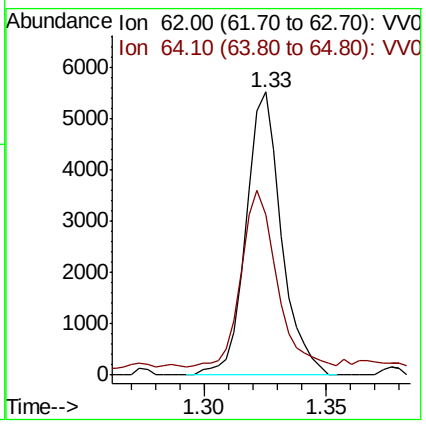


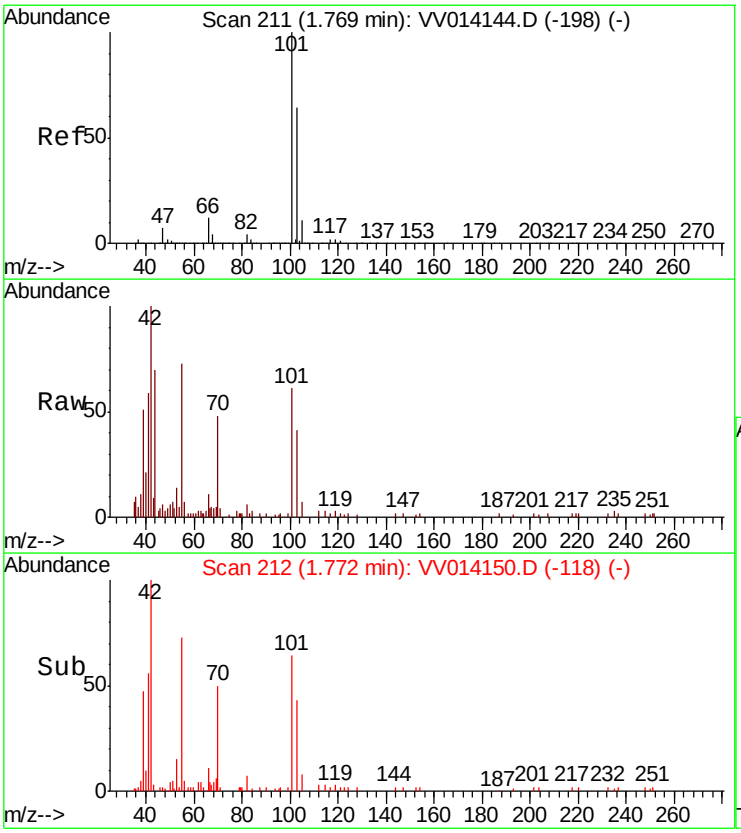
#5
Vinyl chloride
Concen: 0.224 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument : MSVOA_V
ClientSampleId : BFDZ0DL

Tgt Ion: 62 Resp: 5487

Ion	Ratio	Lower	Upper
62	100		
64	56.9	23.3	43.3#

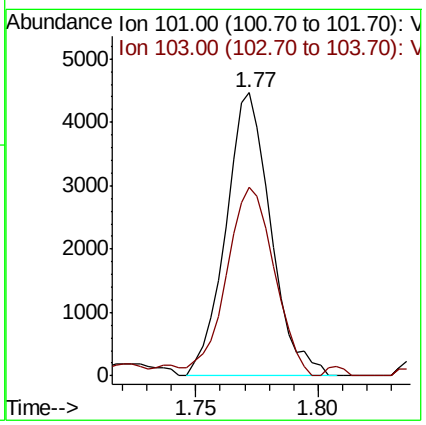


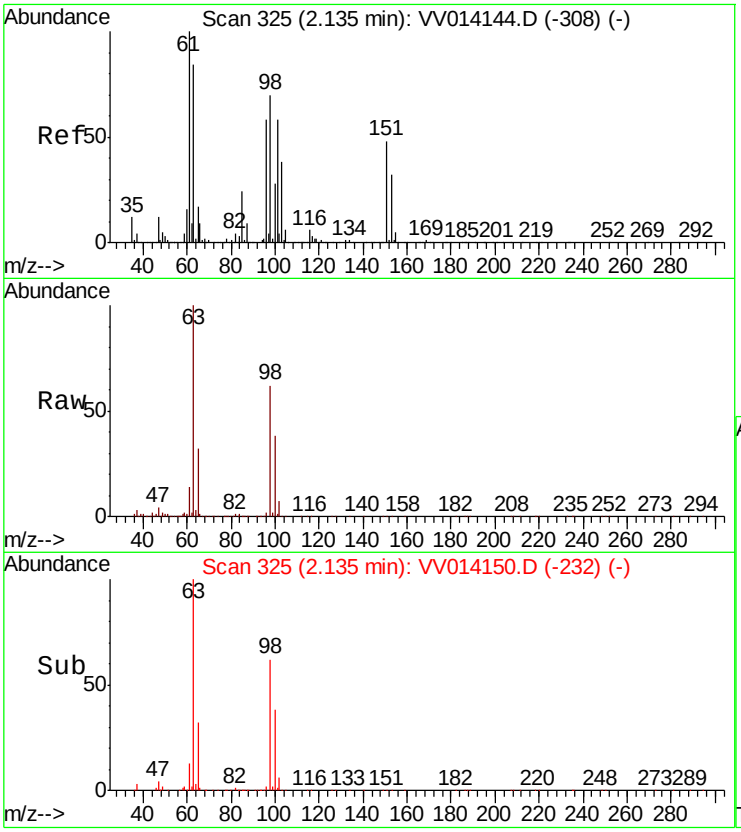


#9
Trichlorofluoromethane
Concen: 0.150 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion:101 Resp: 5714

Ion	Ratio	Lower	Upper
101	100		
103	71.2	52.9	79.3



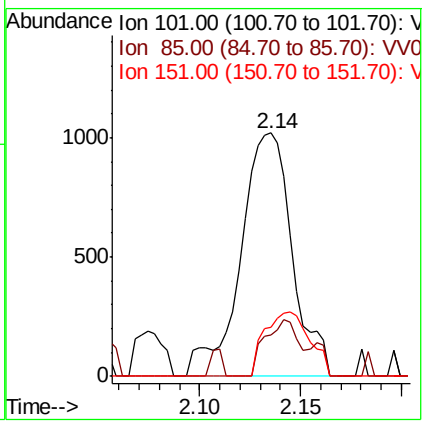


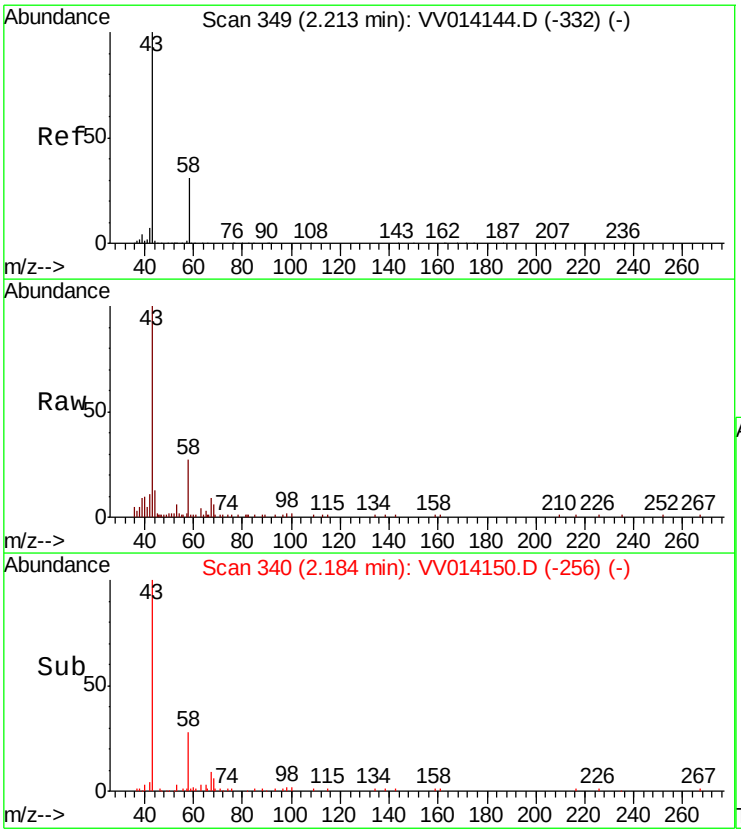
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument : MSVOA_V
ClientSampleId : BFDZ0DL

Tgt Ion:101 Resp: 1833

Ion	Ratio	Lower	Upper
101	100		
85	18.8	33.4	50.0#
151	22.6	69.4	104.0#

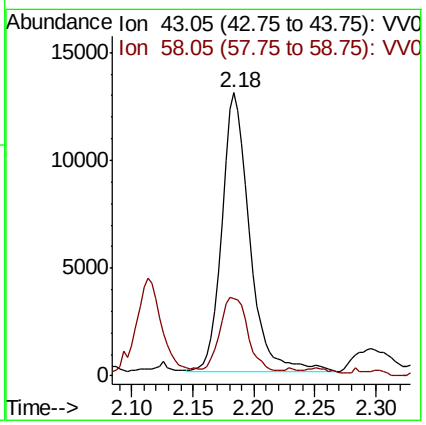


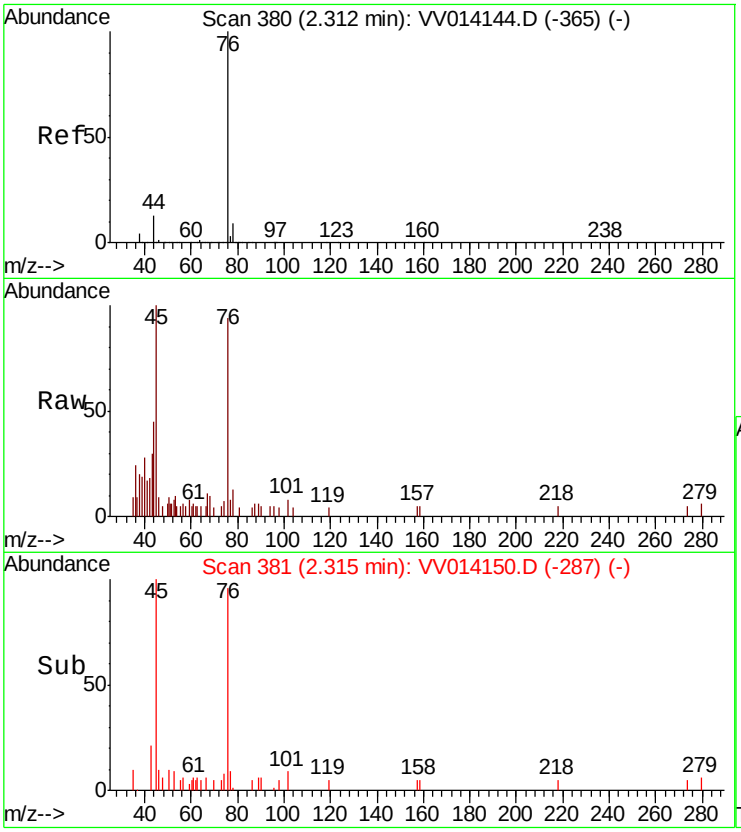


#13
Acetone
Concen: 5.585 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.03 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 43 Resp: 20613

Ion	Ratio	Lower	Upper
43	100		
58	26.2	0.0	27.2



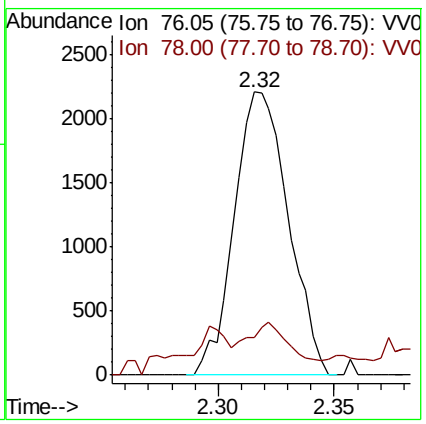


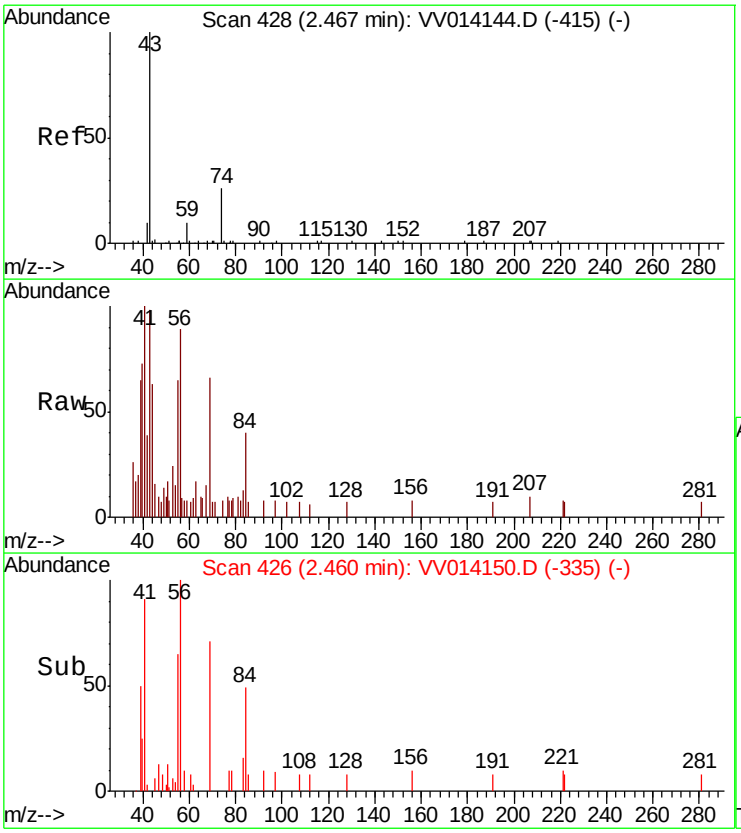
#14
Carbon disulfide
Concen: 0.079 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument : MSVOA_V
ClientSampleId : BFDZ0DL

Tgt Ion: 76 Resp: 3575

Ion	Ratio	Lower	Upper
76	100		
78	13.4	7.5	11.3#

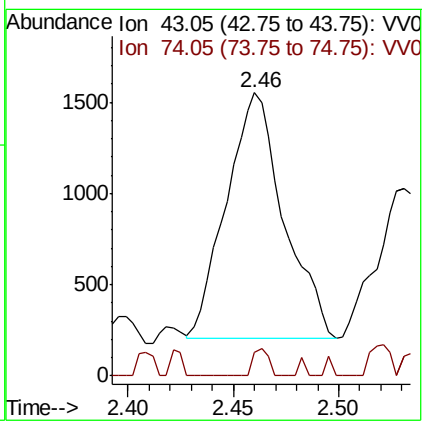


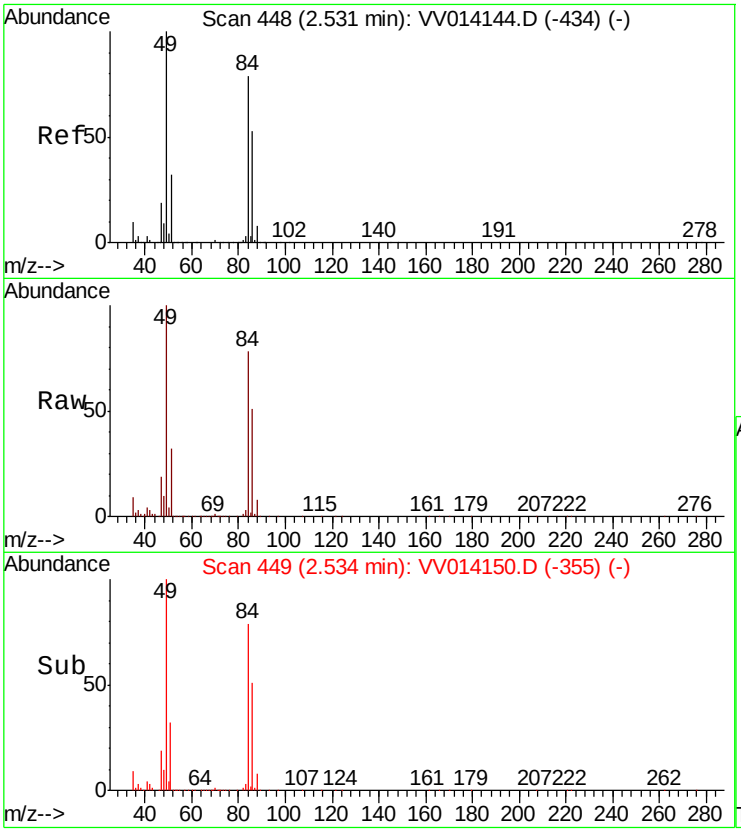


#15
Methyl Acetate
Concen: 0.307 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 43 Resp: 2538

Ion	Ratio	Lower	Upper
43	100		
74	3.0	20.5	30.7#



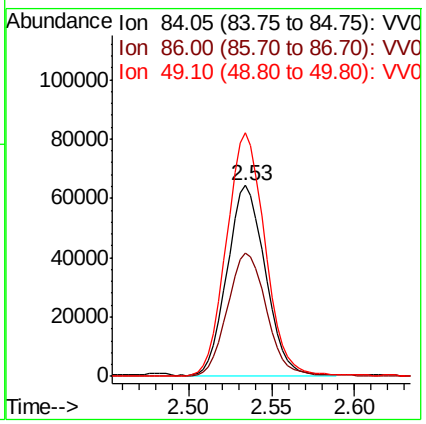


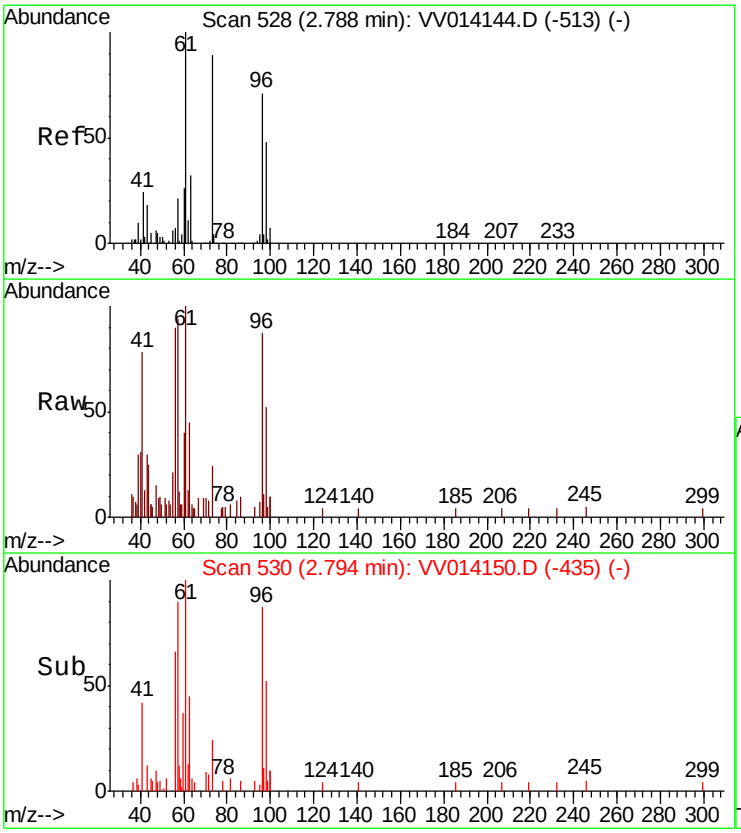
#16
Methylene chloride
Concen: 3.802 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument : MSVOA_V
ClientSampleId : BFDZ0DL

Tgt Ion: 84 Resp: 102693

Ion	Ratio	Lower	Upper
84	100		
86	64.5	44.0	81.6
49	127.5	81.5	151.5

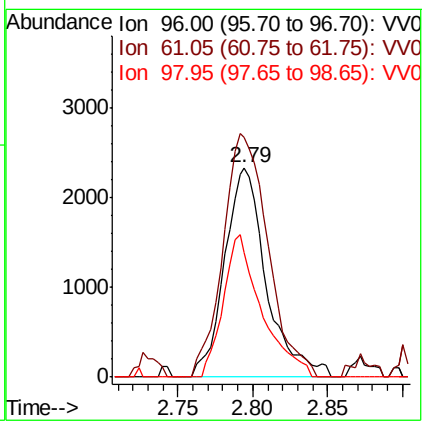


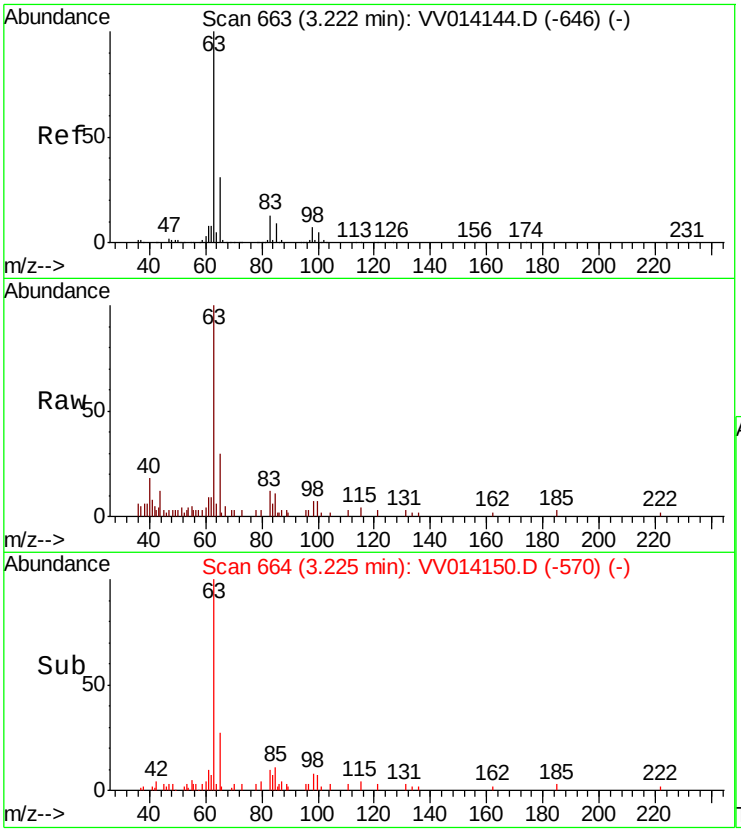


#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 96 Resp: 4548

Ion	Ratio	Lower	Upper
96	100		
61	114.6	95.1	176.7
98	59.3	46.5	86.3



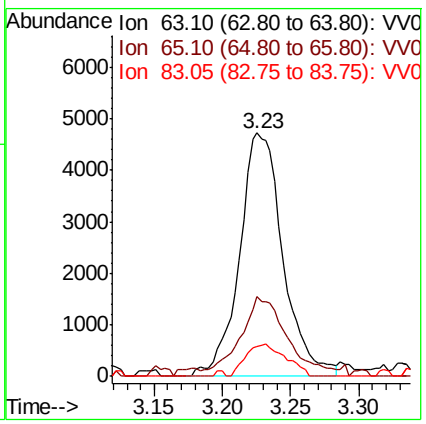


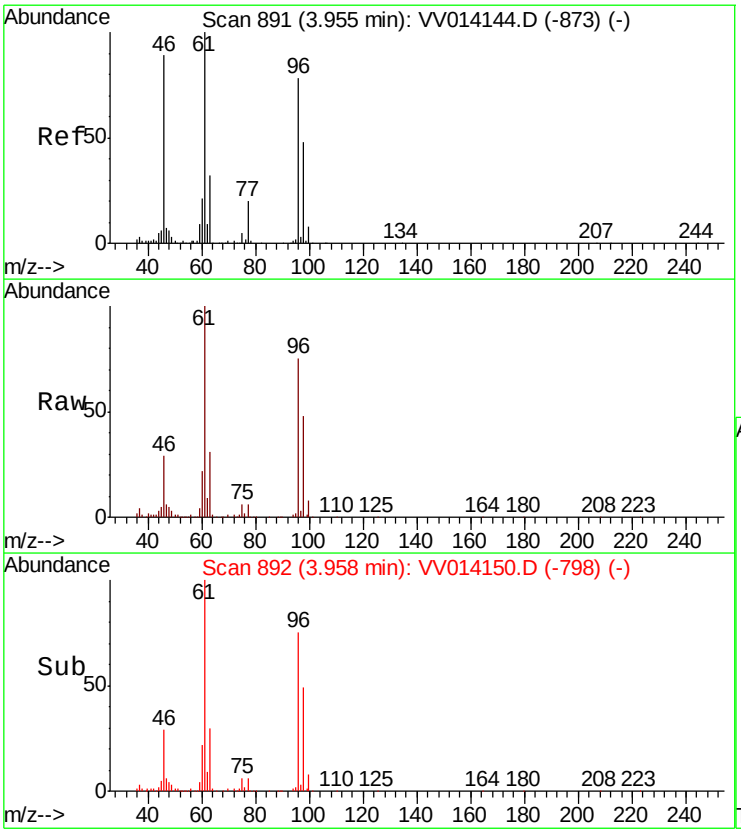
#19
1,1-Dichloroethane
Concen: 0.235 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0DL

Tgt Ion: 63 Resp: 10451

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.7	42.1
83	12.4	9.2	17.2

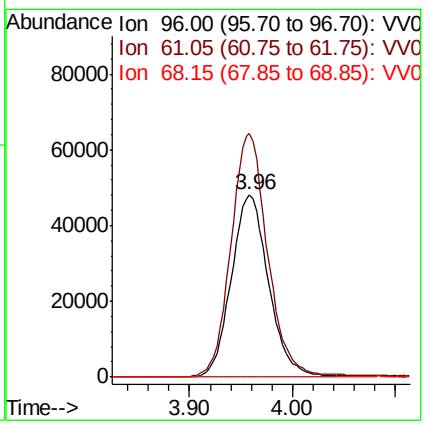


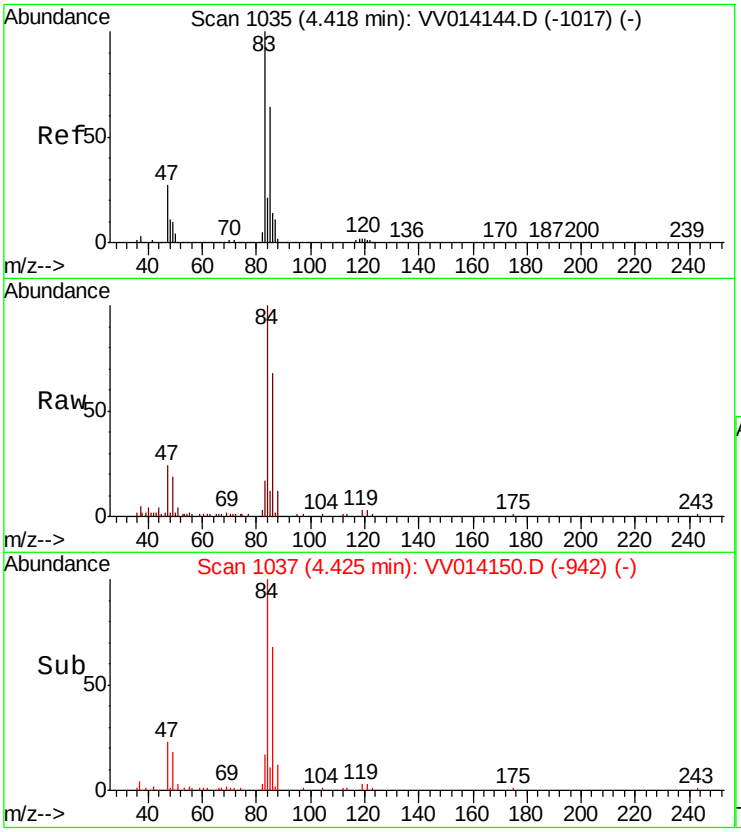


#22
cis-1,2-Dichloroethene
Concen: 4.636 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 96 Resp: 121052

Ion	Ratio	Lower	Upper
96	100		
61	133.6	86.1	159.9
68	0.2	0.0	0.0#



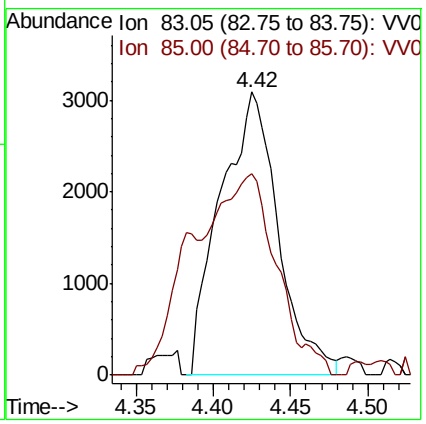


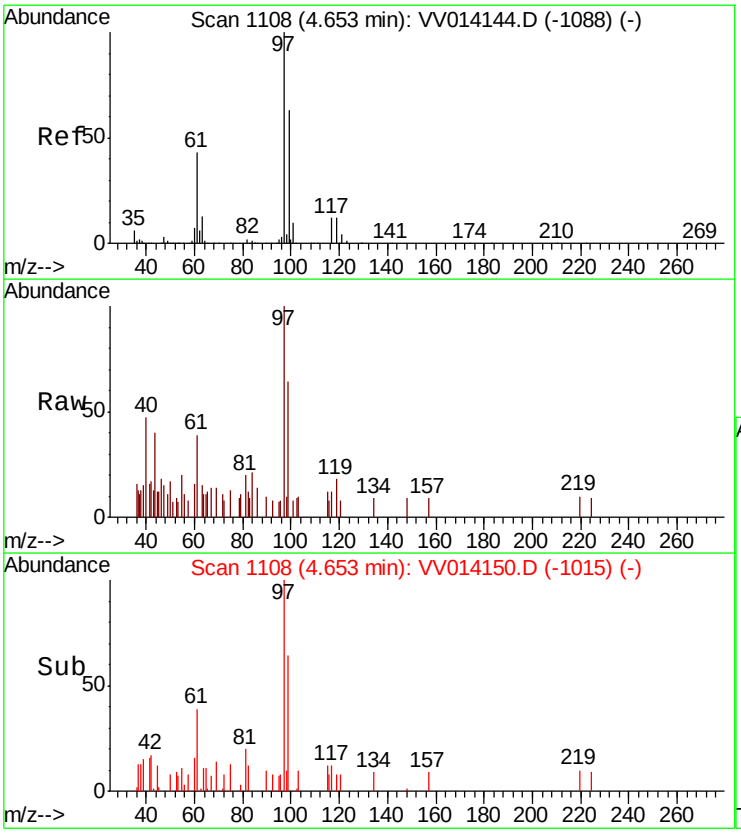
#25
Chloroform
Concen: 0.171 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument : MSVOA_V
ClientSampleId : BFDZ0DL

Tgt Ion: 83 Resp: 8066

Ion	Ratio	Lower	Upper
83	100		
85	71.0	45.1	83.7

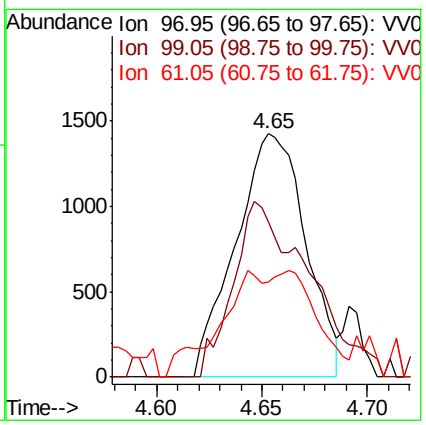


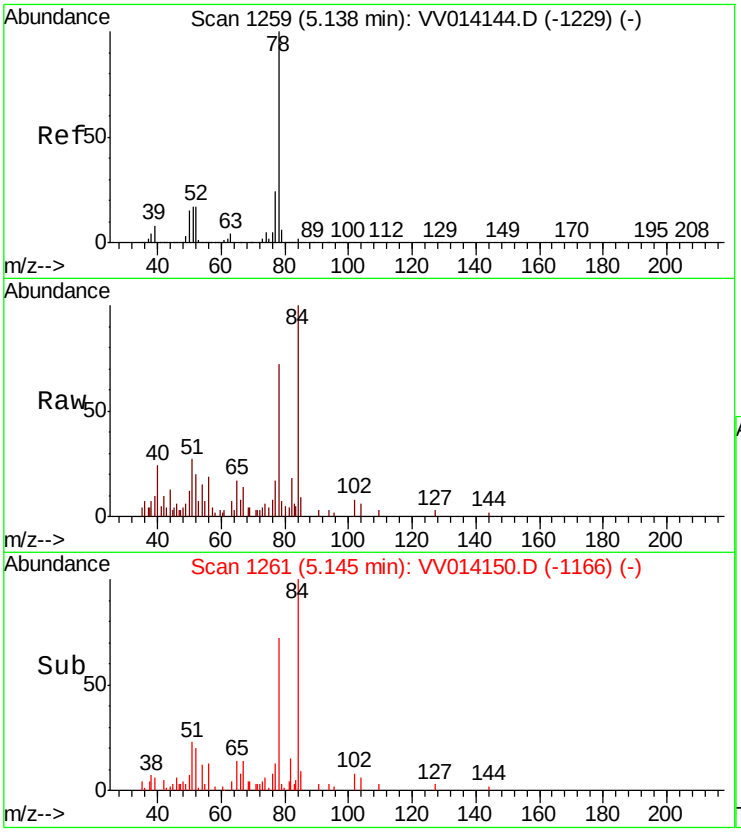


#29
1,1,1-Trichloroethane
Concen: 0.082 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 97 Resp: 3303

Ion	Ratio	Lower	Upper
97	100		
99	78.4	51.7	77.5#
61	26.9	35.0	52.6#

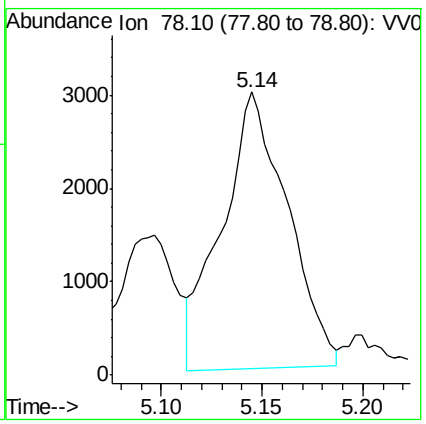


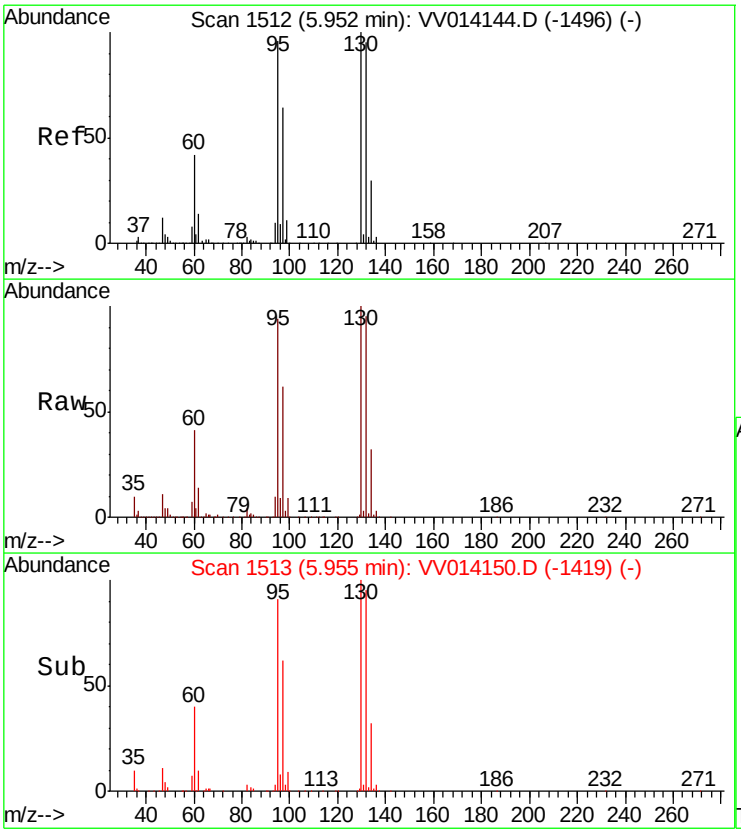


#33
Benzene
Concen: 0.069 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0DL

Tgt Ion: 78 Resp: 6711

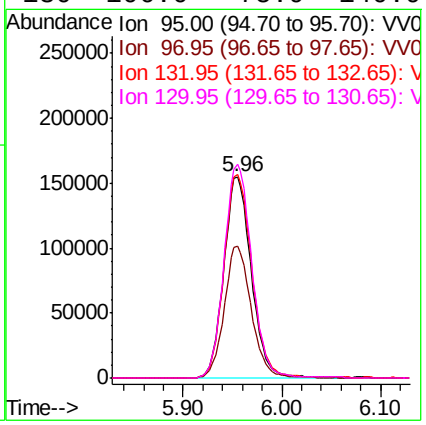


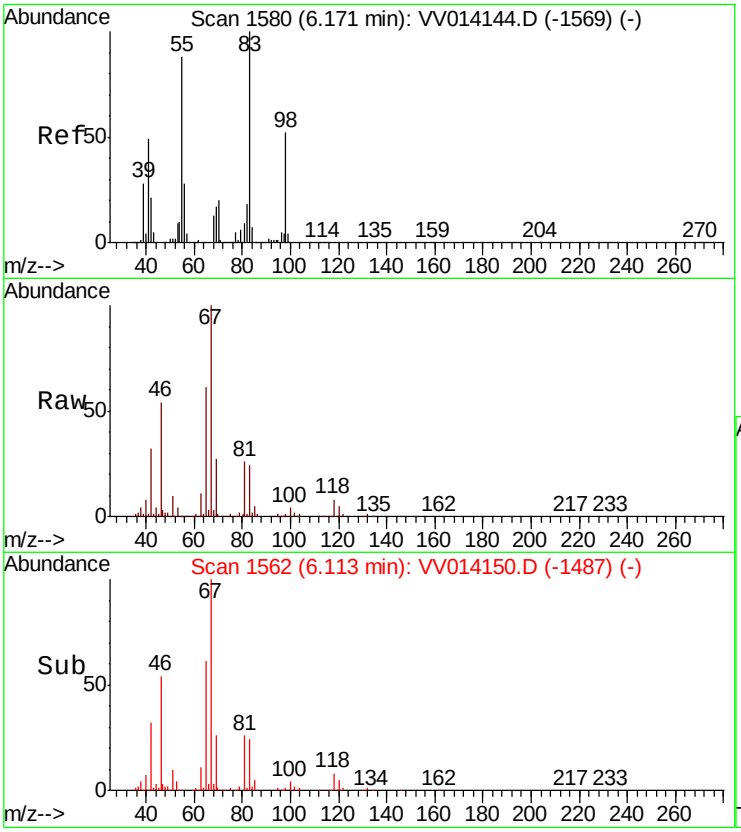


#34
Trichloroethene
Concen: 11.276 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 95 Resp: 302022

Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.6	84.8
132	101.0	70.5	130.9
130	106.0	75.9	140.9



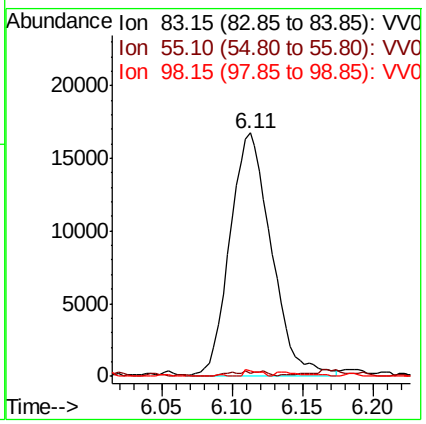


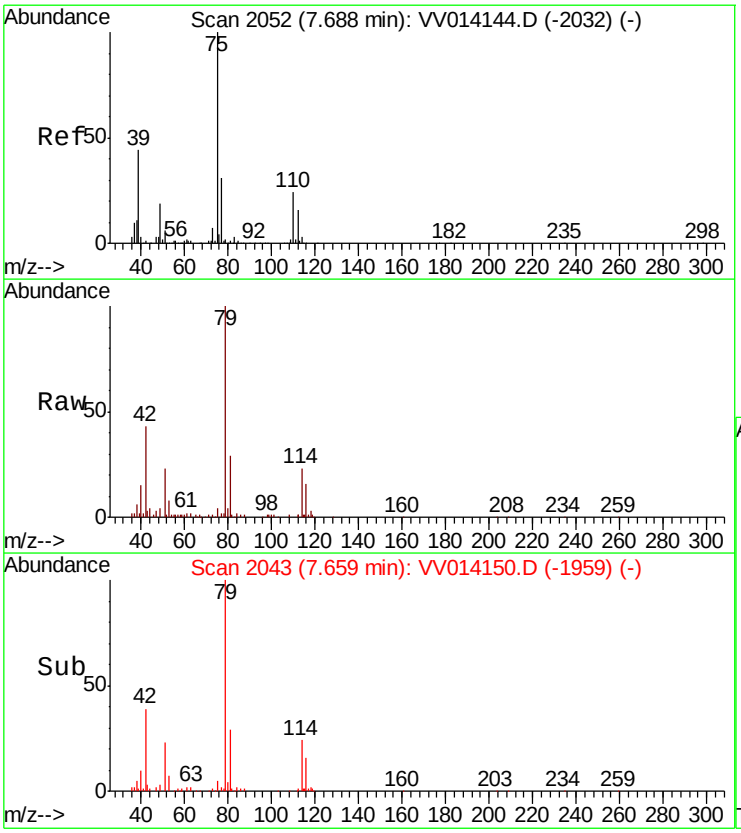
#35
Methylcyclohexane
Concen: 0.965 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0DL

Tgt Ion: 83 Resp: 34473

Ion	Ratio	Lower	Upper
83	100		
55	1.4	60.3	90.5#
98	0.9	38.1	57.1#

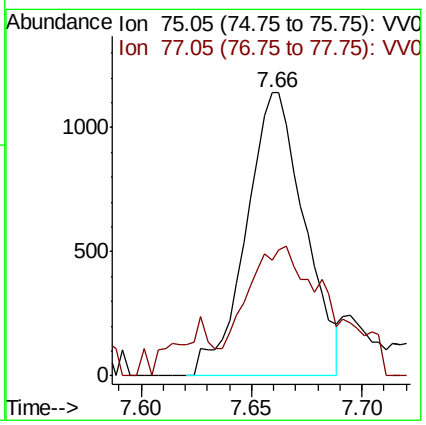


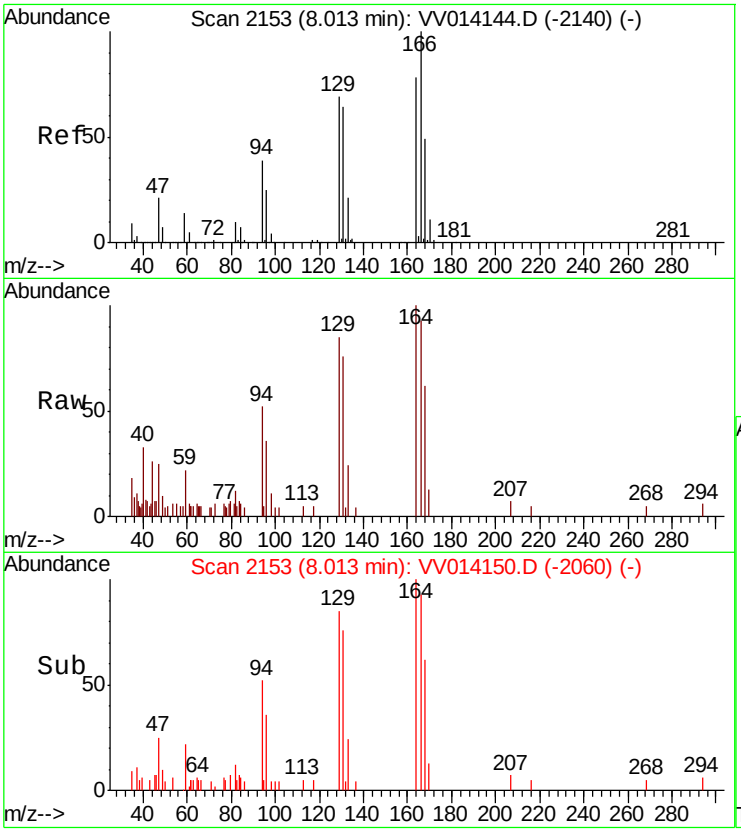


#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 75 Resp: 2089

Ion	Ratio	Lower	Upper
75	100		
77	40.7	23.0	42.8



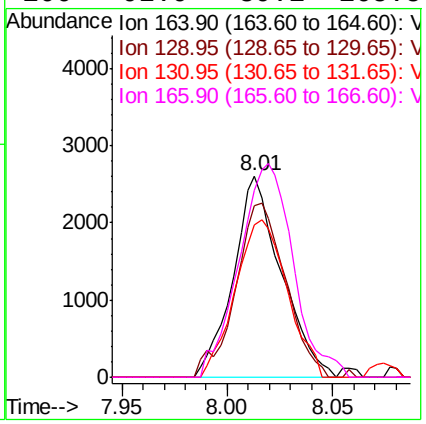


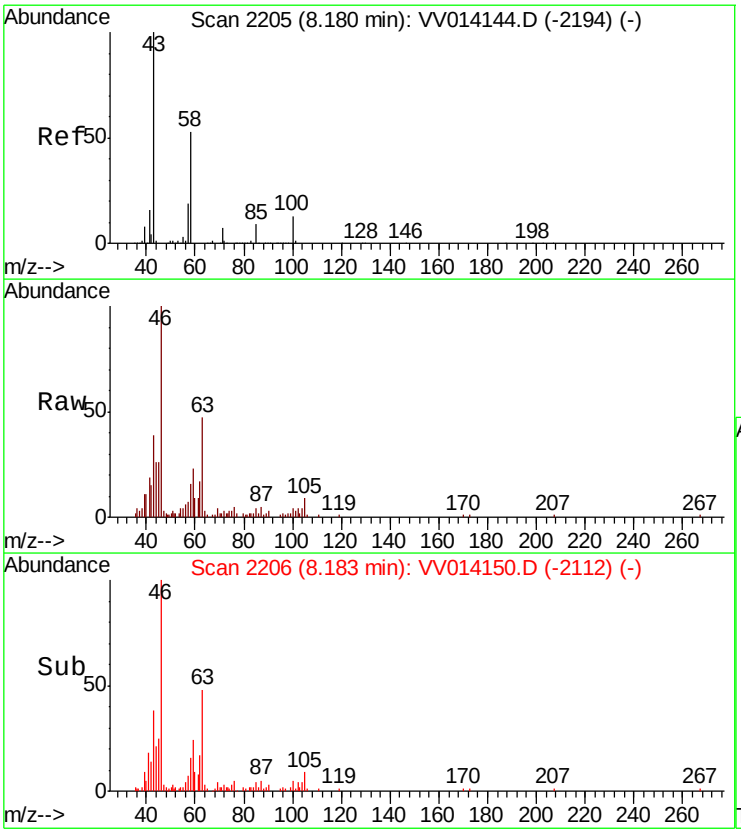
#47
Tetrachloroethene
Concen: 0.177 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0DL

Tgt Ion:164 Resp: 4127

Ion	Ratio	Lower	Upper
164	100		
129	85.5	60.3	112.1
131	75.7	59.9	111.3
166	92.9	89.1	165.5

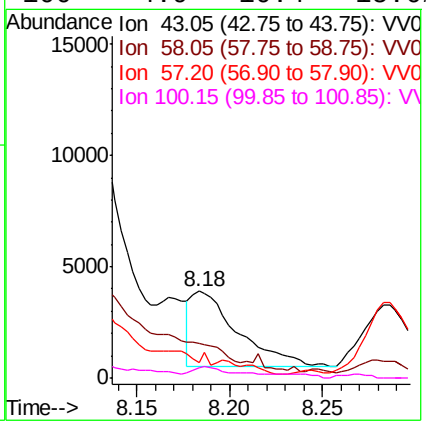


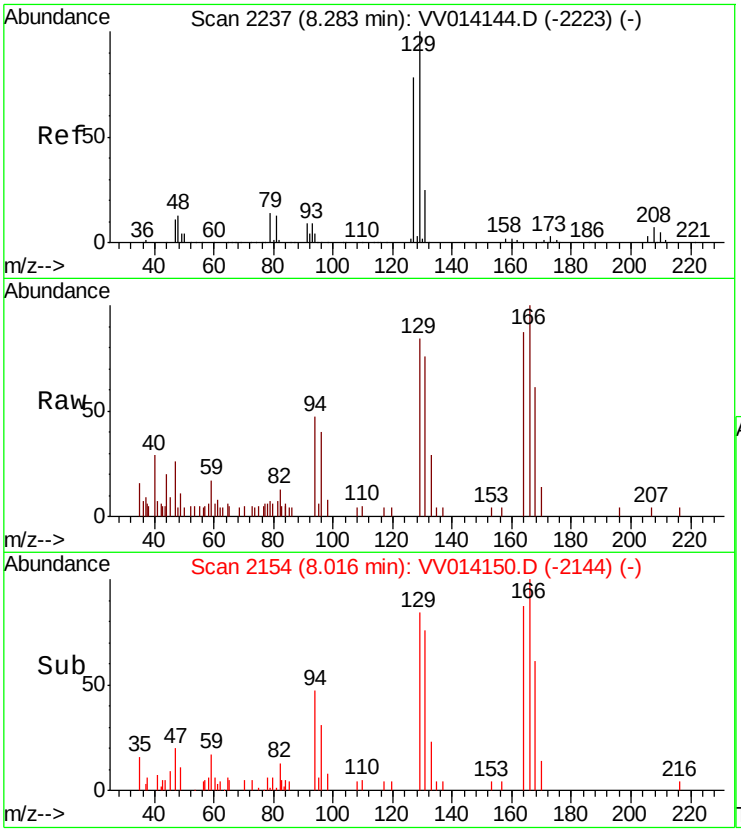


#48
2-Hexanone
Concen: 0.573 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion: 43 Resp: 5955

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.2	64.8#
57	0.0	15.4	23.2#
100	4.9	10.4	15.6#





#49
Dibromochloromethane
Concen: 0.156 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV014150.D
Acq: 20 Dec 2019 13:01

Tgt Ion:129 Resp: 3551

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#

Instrument :
MSVOA_V
ClientSampleId :
BFDZ0DL