Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112619\
Data File : VV013795.D
Acq On : 26 Nov 2019 18:51
Operator : SY/MD
Sample : K6003-02DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 27 03:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:09:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	335148	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	335905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142950	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	82166	3.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.20%			
7) Chloroethane-d5	1.58	69	79704	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.12	63	120673	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	3.96	46	262362	60.84	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.68%			
24) Chloroform-d	4.40	84	193491	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.08	65	101271	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.09	84	366062	4.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.40%			
36) 1,2-Dichloropropane-d6	6.11	67	117159	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.80%			
41) Toluene-d8	7.36	98	282461	3.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.40%#			
43) trans-1,3-Dichloropropene-	7.66	79	38449	3.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.40%			
46) 2-Hexanone-d5	8.14	63	181603	48.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.96%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92899	5.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	126871	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	14208	0.710	ug/L #	72
8) Chloroethane	1.32	64	6758	0.560	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1392	0.075	ug/L #	19
12) 1,1-Dichloroethene	2.14	96	18684	1.160	ug/L #	26
14) Carbon disulfide	2.31	76	8632	0.232	ug/L #	90
16) Methylene chloride	2.53	84	3937	0.178	ug/L	83
19) 1,1-Dichloroethane	3.23	63	33068	0.910	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	254669	11.935	ug/L	96
25) Chloroform	4.42	83	13154	0.342	ug/L	89
34) Trichloroethene	5.96	95	103342	4.547	ug/L	98
35) Methylcyclohexane	6.12	83	29839	0.984	ug/L #	20
38) Bromodichloromethane	6.55	83	1432	0.051	ug/L #	80
44) trans-1,3-Dichloropropene	7.66	75	1609	0.068	ug/L	98
48) 2-Hexanone	8.14	43	23508	2.665	ug/L #	81

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

Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 27 03:09:16 2019
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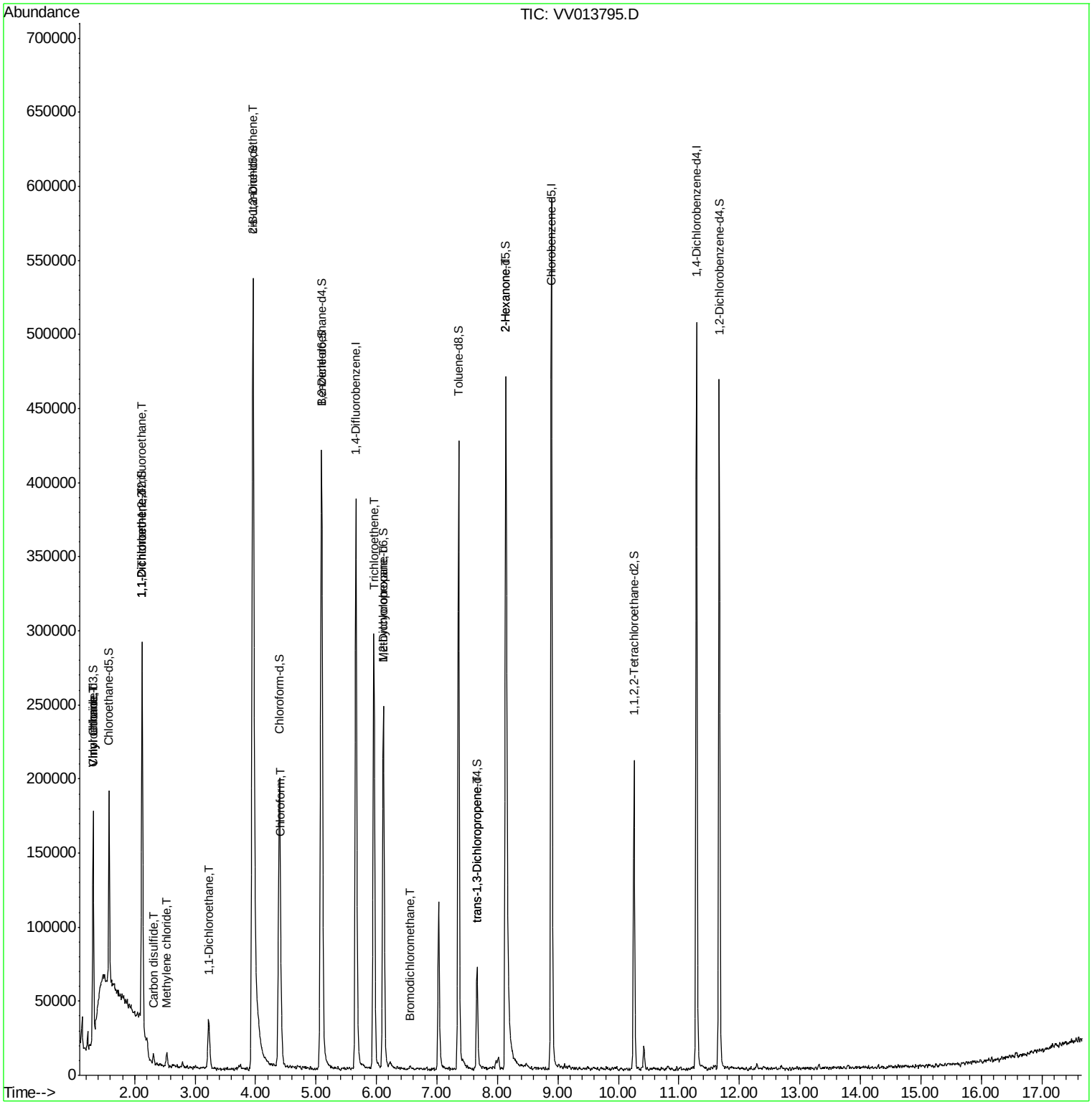
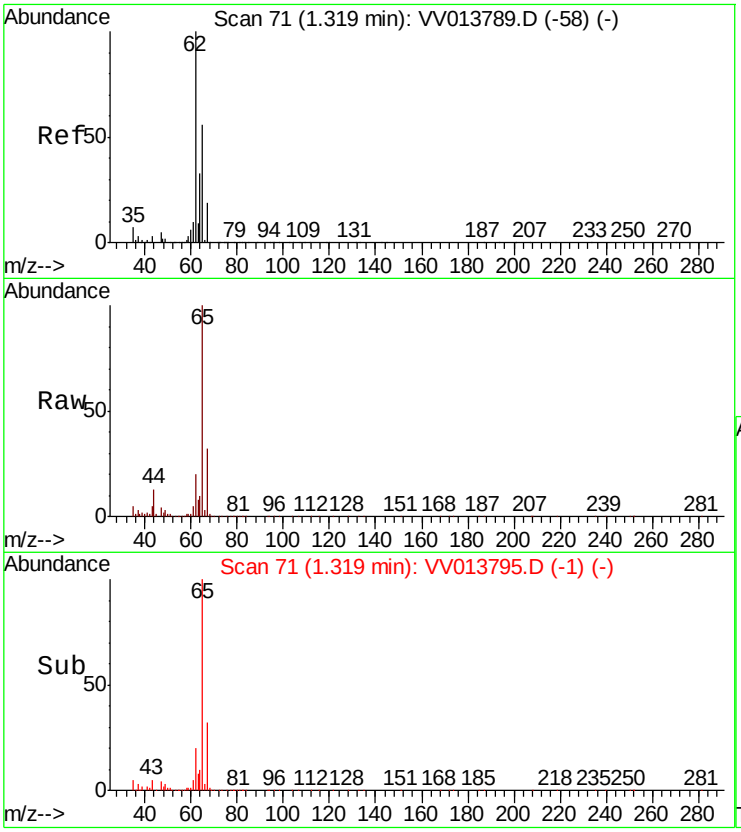


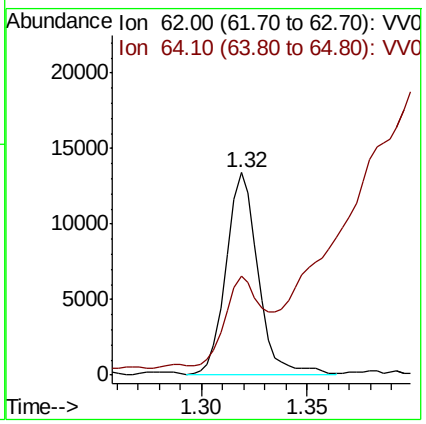


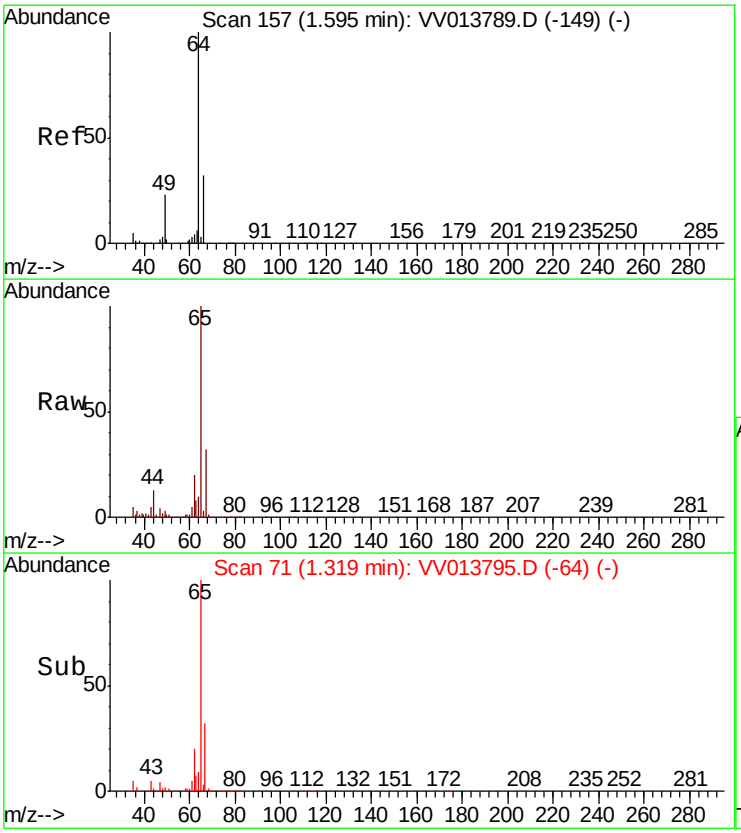
#5
Vinyl chloride
Concen: 0.710 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 14208

Ion	Ratio	Lower	Upper
62	100		
64	49.1	23.3	43.3#

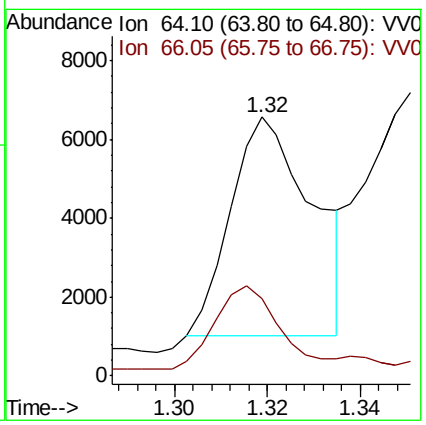


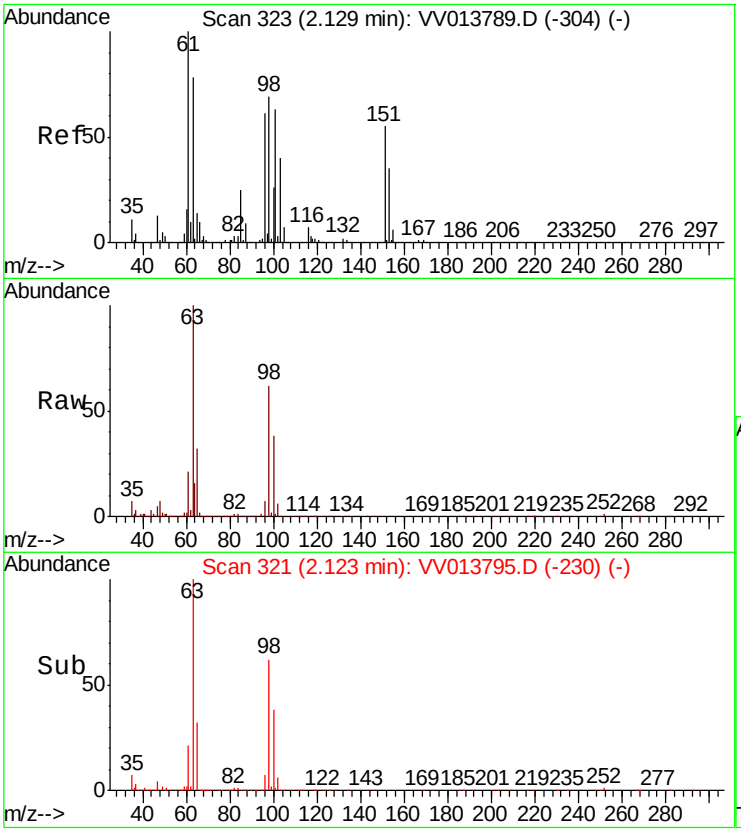


#8
Chloroethane
Concen: 0.560 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Tgt Ion: 64 Resp: 6758

Ion	Ratio	Lower	Upper
64	100		
66	29.8	22.6	42.0



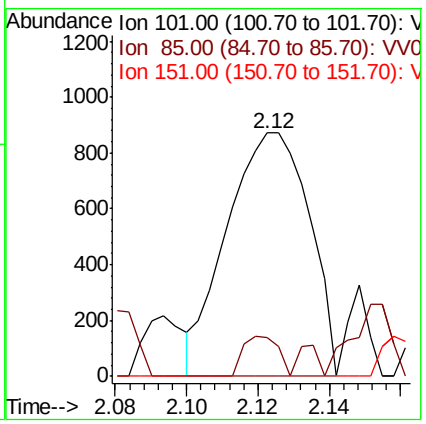


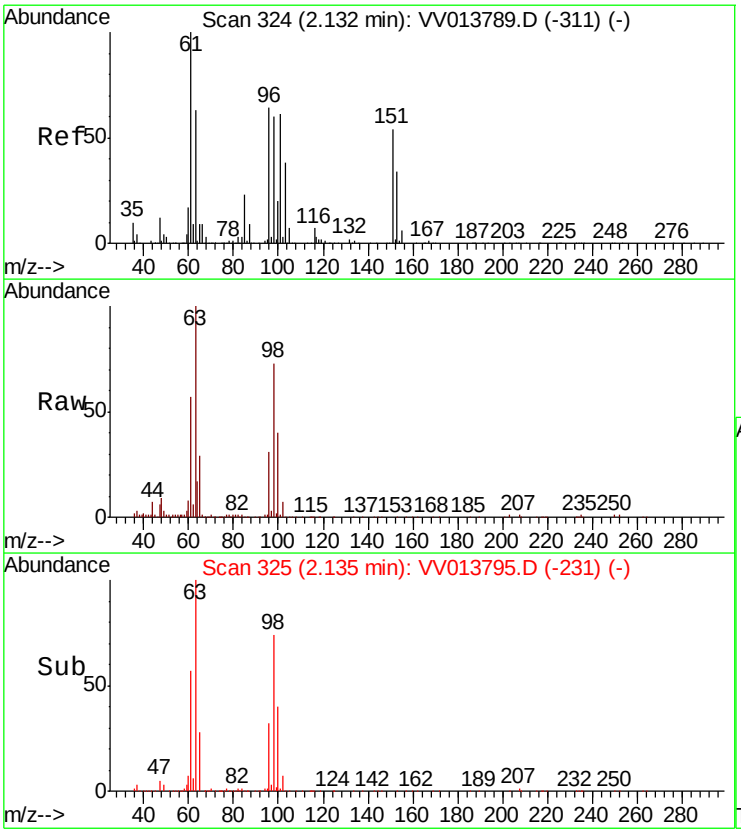
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1392

Ion	Ratio	Lower	Upper
101	100		
85	7.0	33.4	50.0#
151	0.0	69.4	104.0#

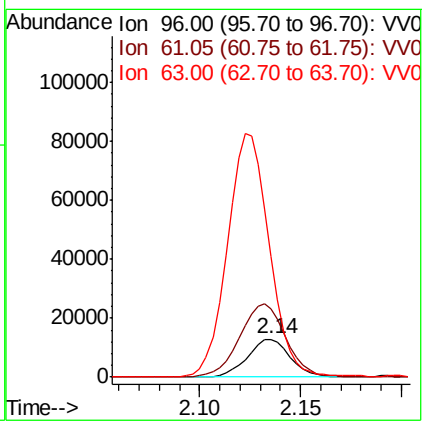


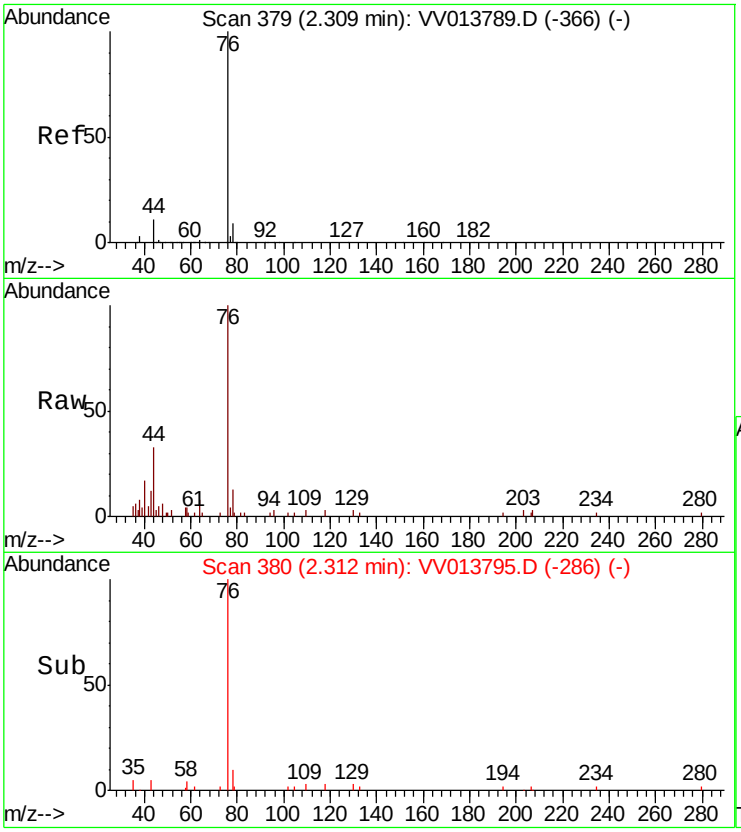


#12
1,1-Dichloroethene
Concen: 1.160 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Tgt Ion: 96 Resp: 18684

Ion	Ratio	Lower	Upper
96	100		
61	181.2	116.3	215.9
63	318.6	96.7	179.7#



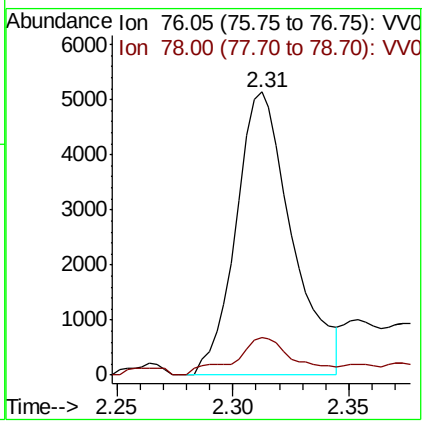


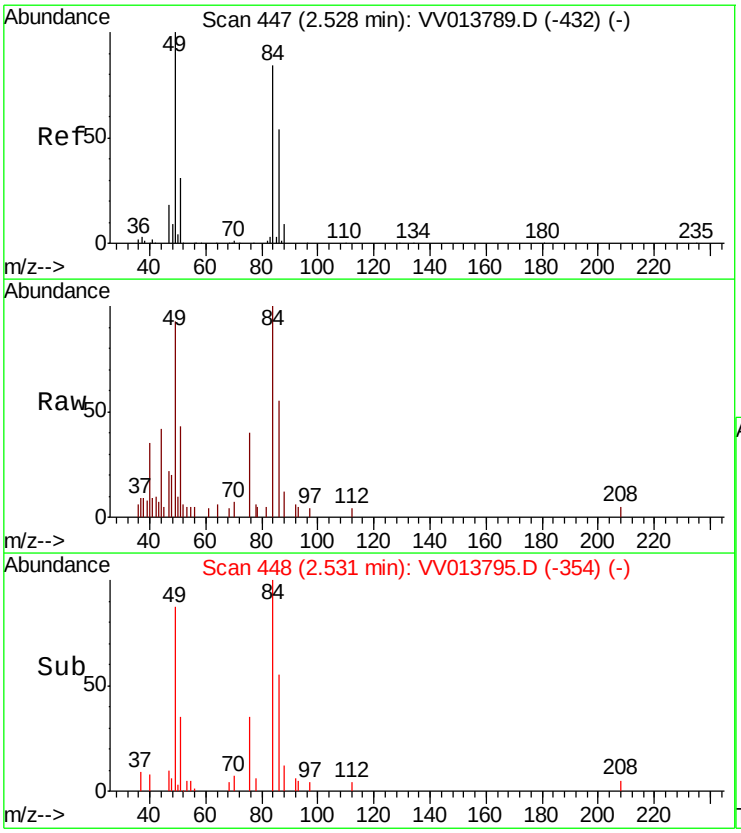
#14
Carbon disulfide
Concen: 0.232 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 8632

Ion	Ratio	Lower	Upper
76	100		
78	13.2	7.5	11.3#

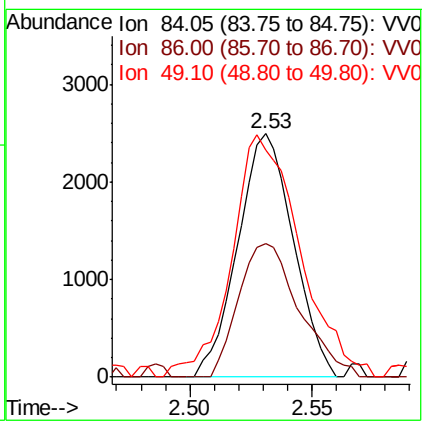


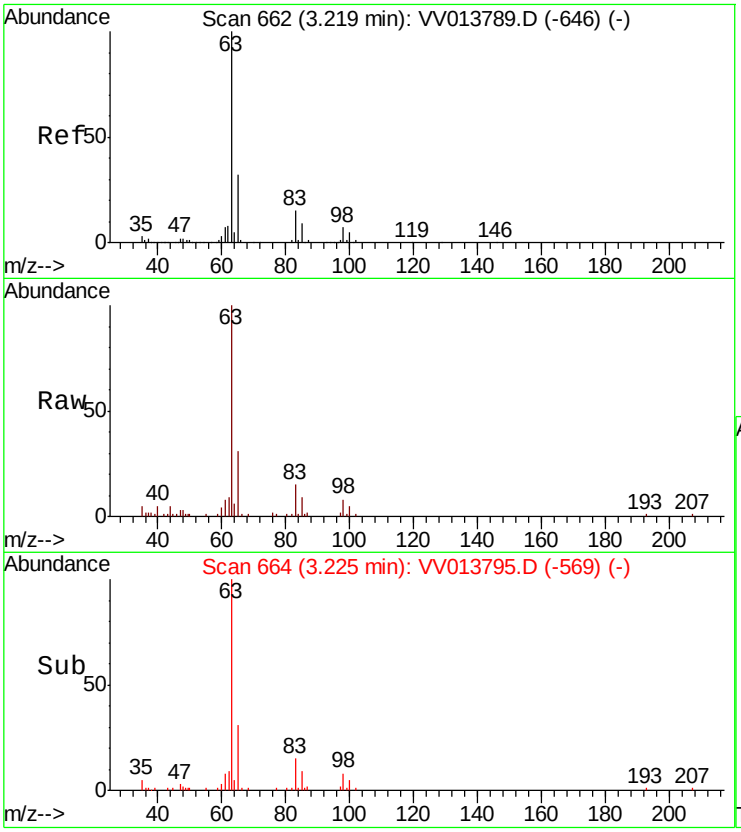


#16
Methylene chloride
Concen: 0.178 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Tgt Ion: 84 Resp: 3937

Ion	Ratio	Lower	Upper
84	100		
86	55.0	44.0	81.6
49	93.3	81.5	151.5



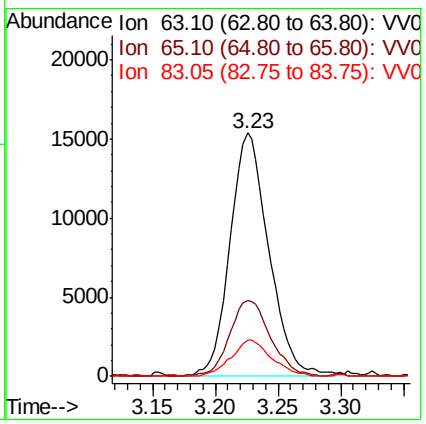


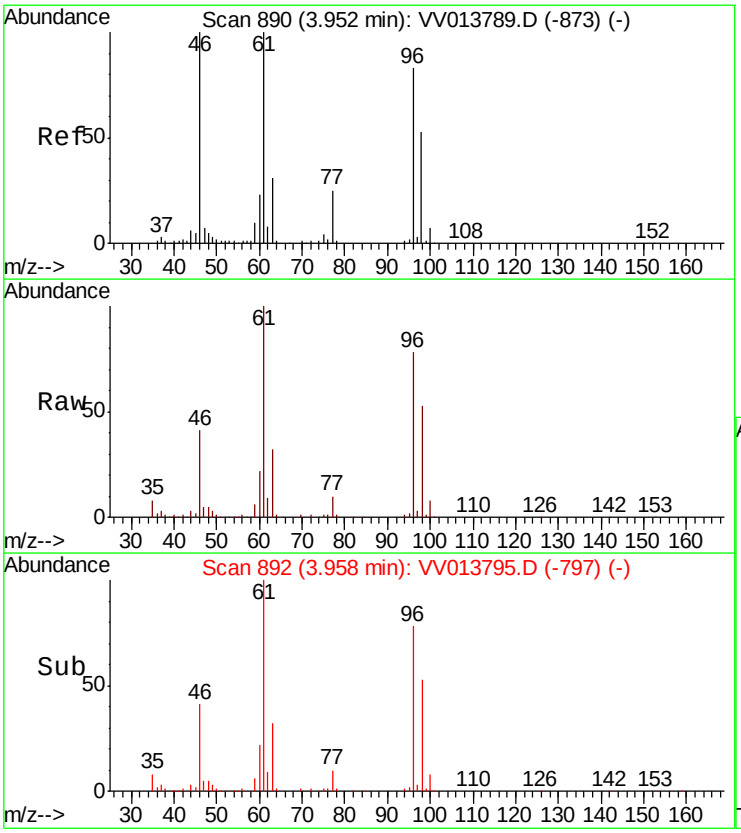
#19
1,1-Dichloroethane
Concen: 0.910 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.01 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 33068

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.7	42.1
83	14.9	9.2	17.2

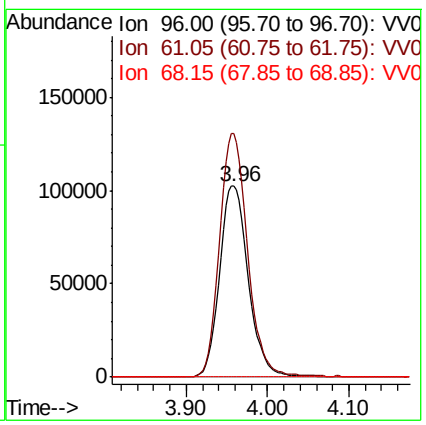


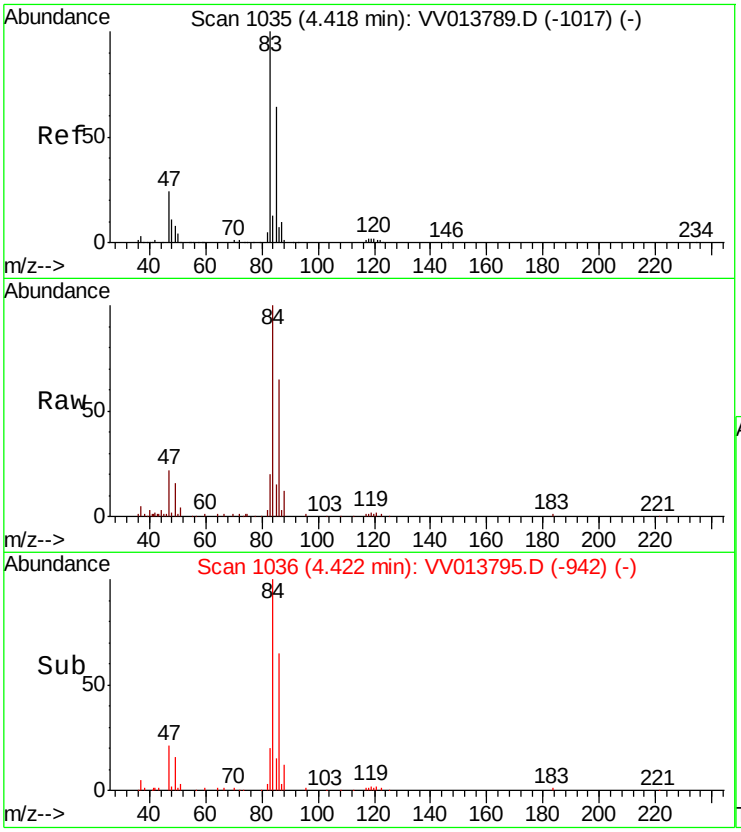


#22
cis-1,2-Dichloroethene
Concen: 11.935 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.01 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Tgt Ion: 96 Resp: 254669

Ion	Ratio	Lower	Upper
96	100		
61	127.5	86.1	159.9
68	0.0	0.0	0.0



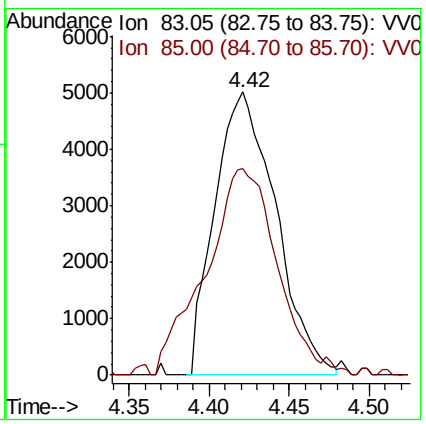


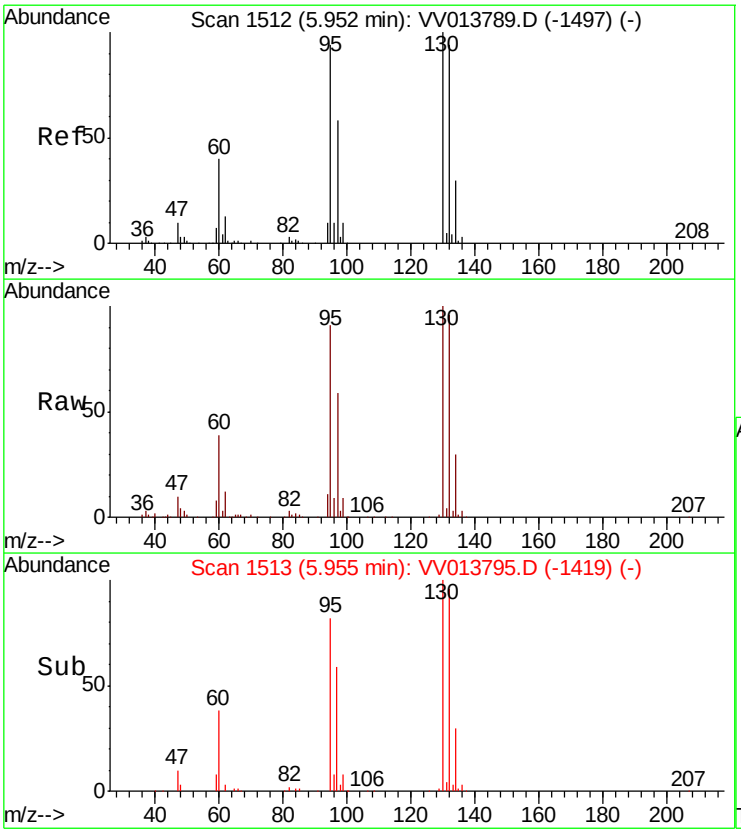
#25
Chloroform
Concen: 0.342 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 13154

Ion	Ratio	Lower	Upper
83	100		
85	72.9	45.1	83.7

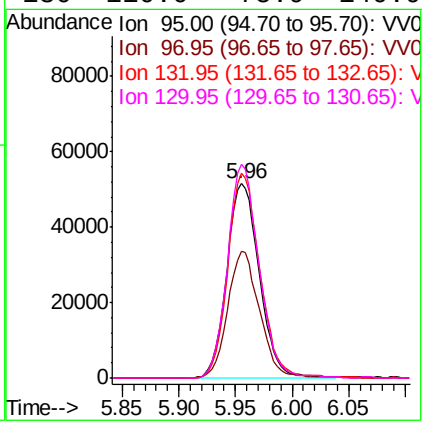


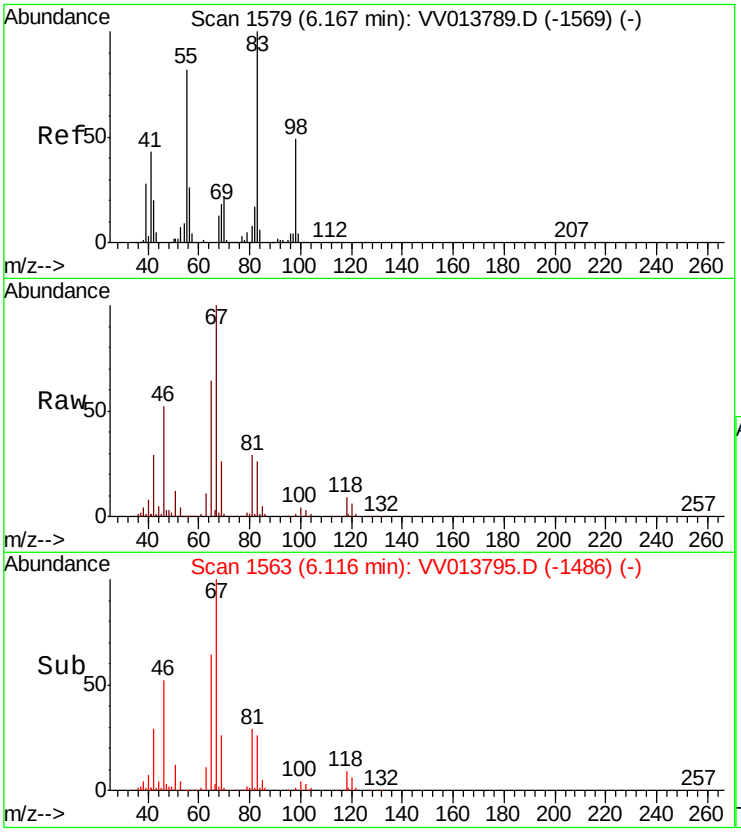


#34
Trichloroethene
Concen: 4.547 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Tgt Ion: 95 Resp: 103342

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.6	84.8
132	105.3	70.5	130.9
130	110.0	75.9	140.9



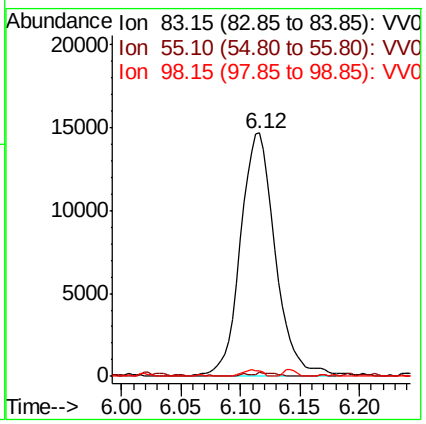


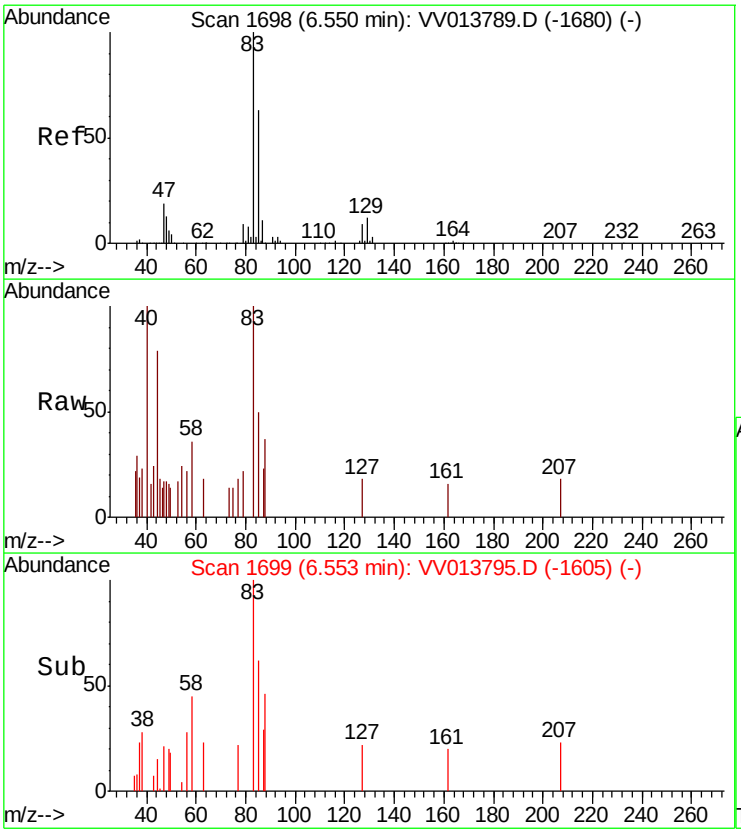
#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 29839

Ion	Ratio	Lower	Upper
83	100		
55	0.9	60.3	90.5#
98	1.5	38.1	57.1#

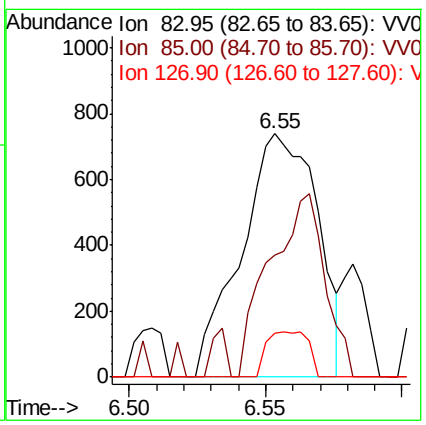


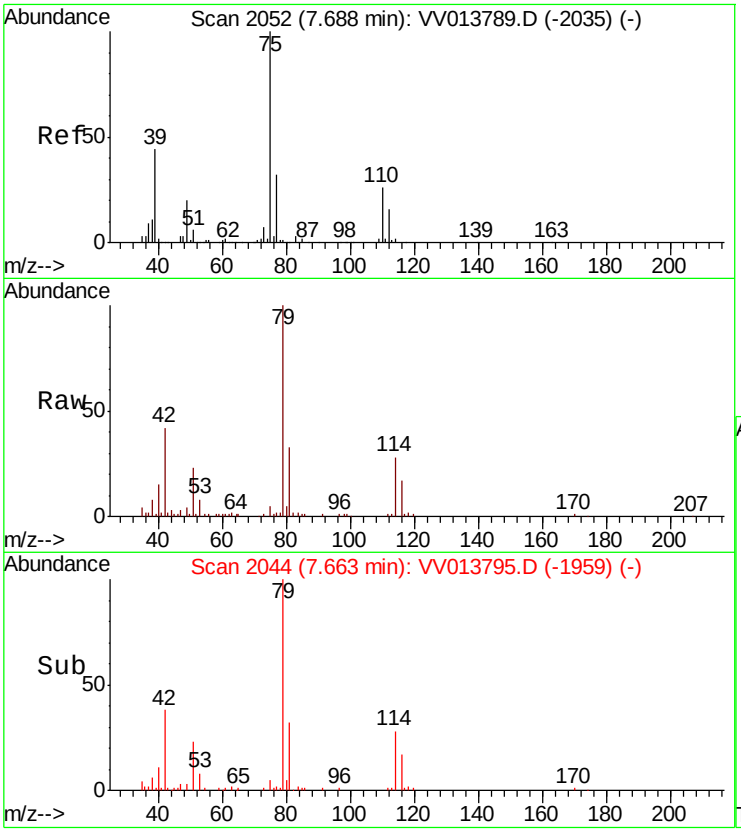


#38
Bromodichloromethane
Concen: 0.051 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Tgt Ion: 83 Resp: 1432

Ion	Ratio	Lower	Upper
83	100		
85	50.2	46.1	85.5
127	18.0	7.5	11.3#



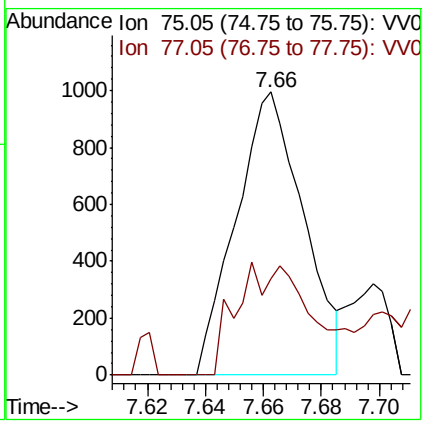


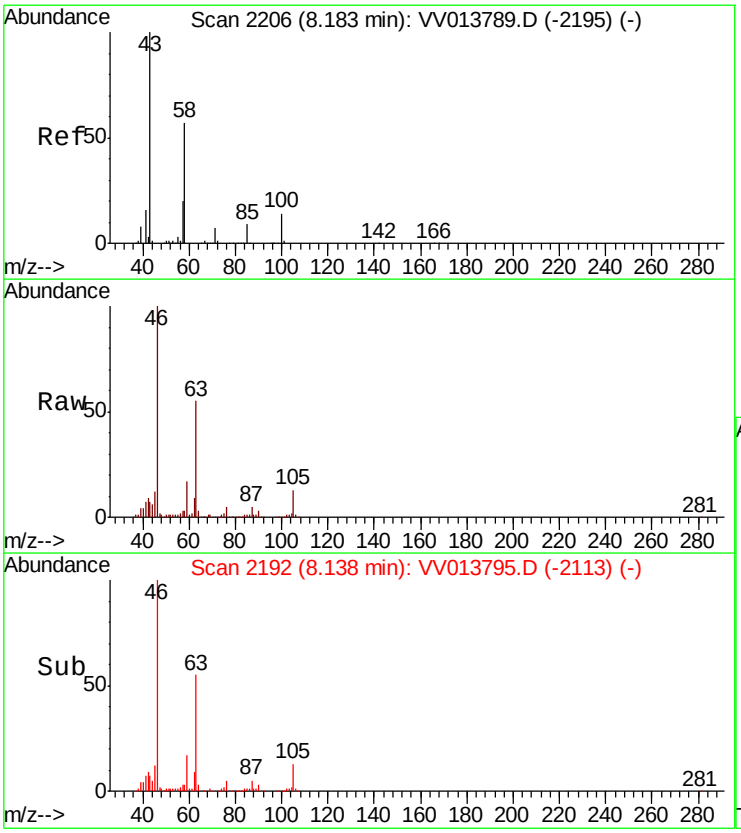
#44
trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1609

Ion	Ratio	Lower	Upper
75	100		
77	34.1	23.0	42.8





#48
2-Hexanone
Concen: 2.665 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV013795.D
Acq: 26 Nov 2019 18:51

Tgt Ion: 43 Resp: 23508

Ion	Ratio	Lower	Upper
43	100		
58	58.4	43.2	64.8
57	43.7	15.4	23.2#
100	3.7	10.4	15.6#