Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090319\

Quantitation Report (Not Reviewed)

Data File : VV012548.D
Acq On : 03 Sep 2019 15:24
Operator : SY/MD
Sample : K4607-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD65DL

Quant Time: Sep 04 02:14:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 04 02:10:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130823	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53613	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	70769	5.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.40%			
7) Chloroethane-d5	1.58	69	113152	9.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 180.20%#			
11) 1,1-Dichloroethene-d2	2.13	63	126814	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.80%			
20) 2-Butanone-d5	3.96	46	168664	69.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 139.32%#			
24) Chloroform-d	4.40	84	113293	5.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 116.00%			
26) 1,2-Dichloroethane-d4	5.08	65	66051	6.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 130.40%#			
32) Benzene-d6	5.10	84	214294	5.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.40%			
36) 1,2-Dichloropropane-d6	6.12	67	71189	6.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 121.00%			
41) Toluene-d8	7.36	98	176158	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
43) trans-1,3-Dichloropropene-	7.67	79	21794	5.07	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.40%			
46) 2-Hexanone-d5	8.14	63	106724	66.27	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 132.54%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49697	5.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	60135	6.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 122.20%#			
Target Compounds						Qvalue
6) Bromomethane	1.54	94	1156	0.090	ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1344	0.073	ug/L #	30
12) 1,1-Dichloroethene	2.14	96	12260	0.724	ug/L #	1
14) Carbon disulfide	2.31	76	6137	0.113	ug/L #	92
16) Methylene chloride	2.53	84	2316	0.119	ug/L	90
19) 1,1-Dichloroethane	3.22	63	1557	0.060	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	15293	1.094	ug/L #	99
25) Chloroform	4.42	83	5451	0.200	ug/L	93
29) 1,1,1-Trichloroethane	4.65	97	2329	0.106	ug/L #	86
34) Trichloroethene	5.96	95	89330	5.905	ug/L	95
35) Methylcyclohexane	6.12	83	17236	0.750	ug/L #	18
44) trans-1,3-Dichloropropene	7.67	75	1369	0.091	ug/L #	62
47) Tetrachloroethene	8.02	164	91797	8.398	ug/L	98
48) 2-Hexanone	8.19	43	9677	1.627	ug/L #	82
49) Dibromochloromethane	8.02	129	82360	7.658	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090319\

Quantitation Report (Not Reviewed)

Data File : VV012548.D
Acq On : 03 Sep 2019 15:24
Operator : SY/MD
Sample : K4607-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD65DL

Quant Time: Sep 04 02:14:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 04 02:10:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090319\

Quantitation Report (Not Reviewed)

Data File : VV012548.D
Acq On : 03 Sep 2019 15:24
Operator : SY/MD
Sample : K4607-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

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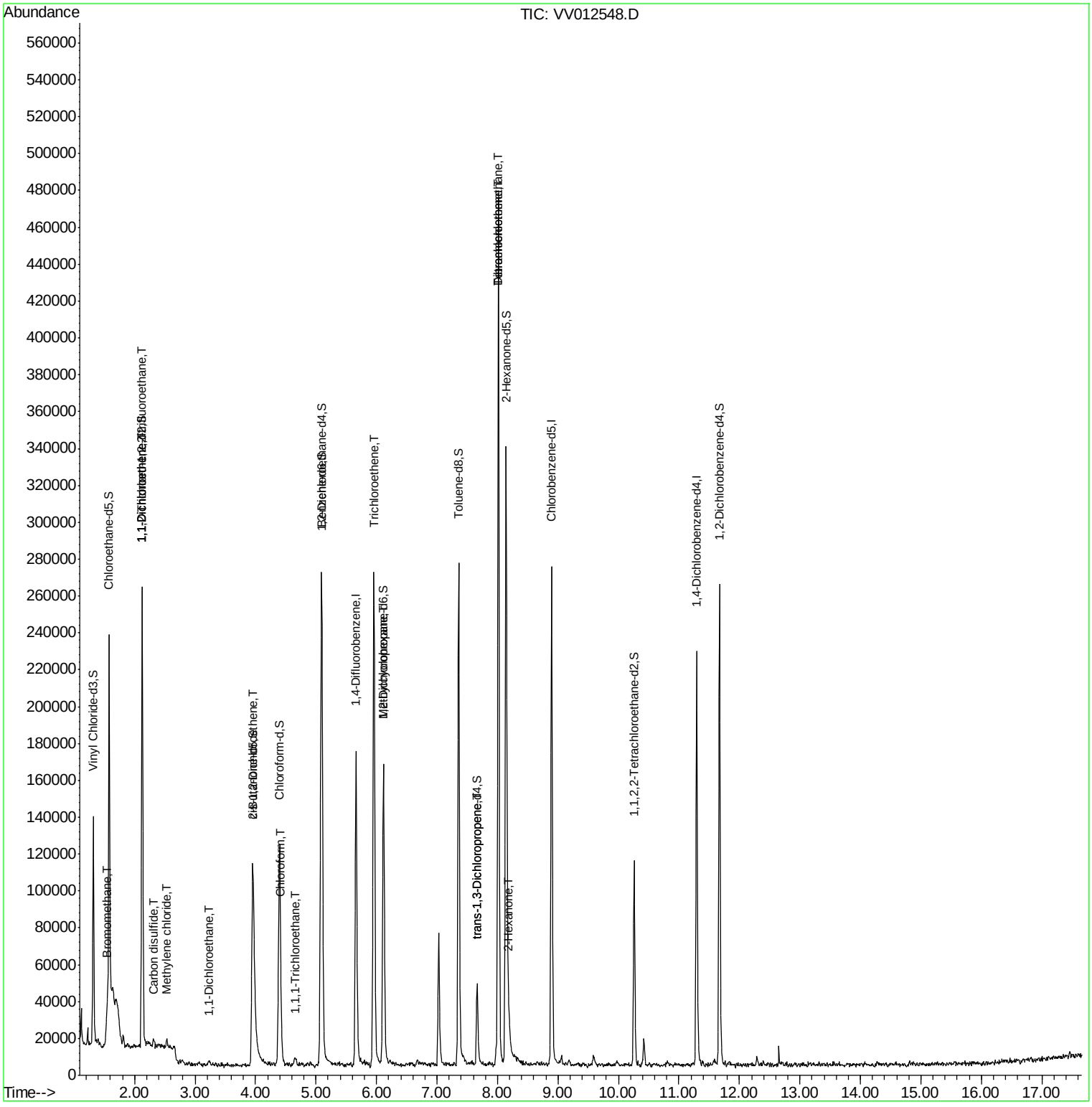
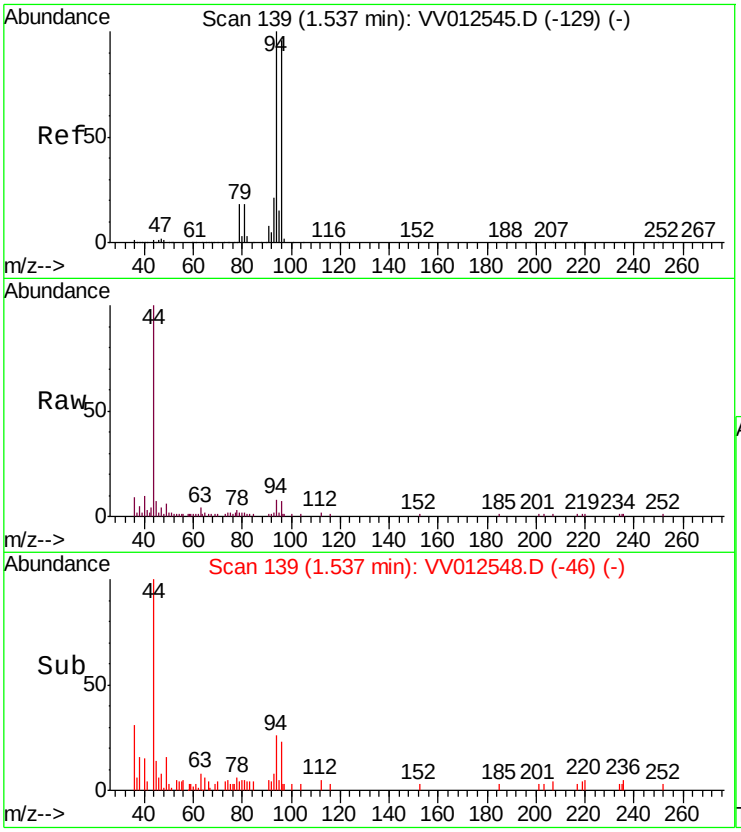
MSVOA_V
ClientSampleId :
BFD65DL

Quant Time: Sep 04 02:14:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 04 02:10:17 2019
Response via : Initial Calibration



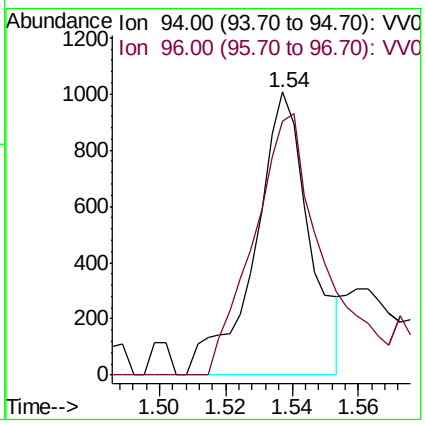


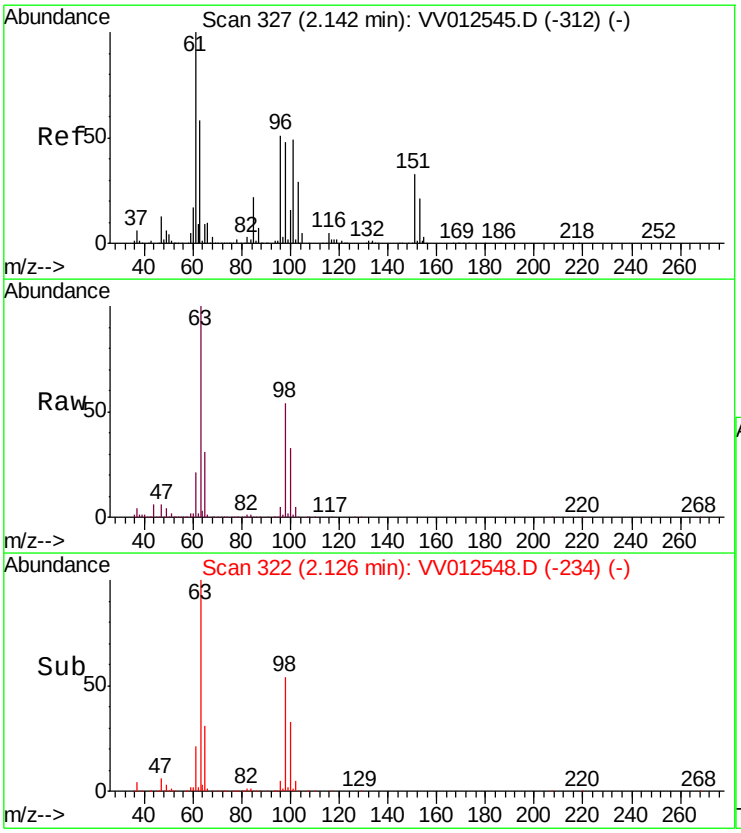
#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 94 Resp: 1156

Ion	Ratio	Lower	Upper
94	100		
96	101.3	64.3	119.3

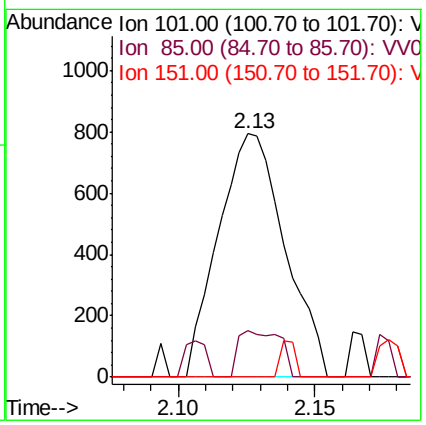


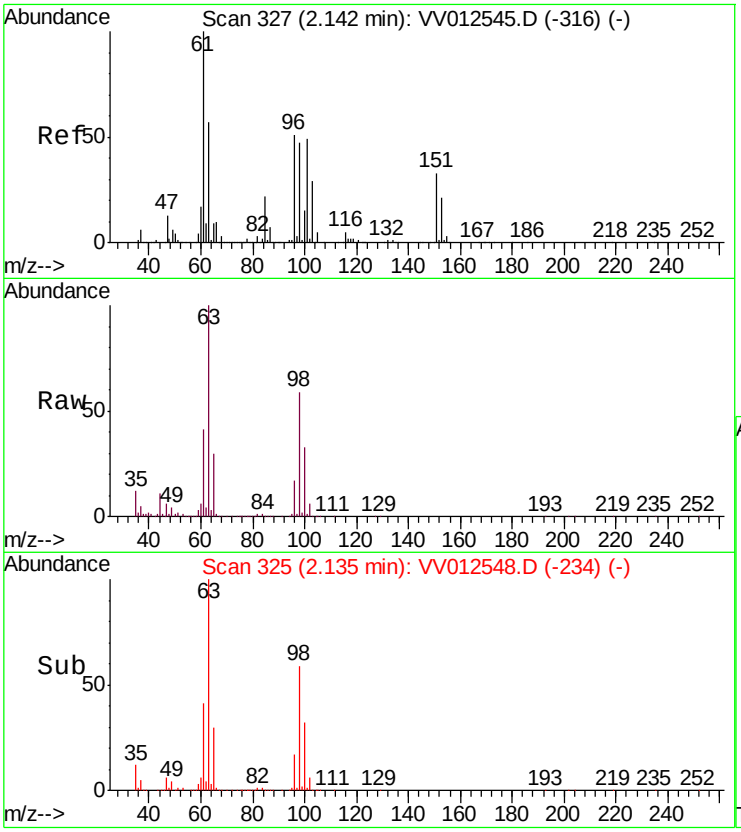


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.02 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Tgt Ion:101 Resp: 1344

Ion	Ratio	Lower	Upper
101	100		
85	11.9	37.4	56.0#
151	3.3	56.7	85.1#



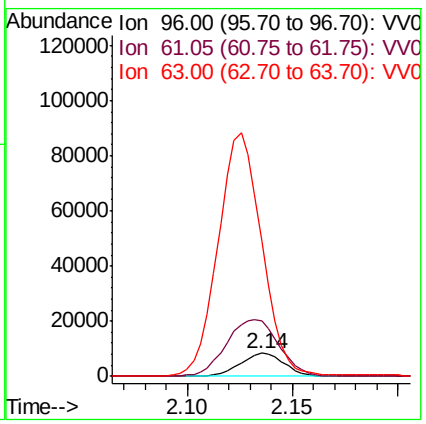


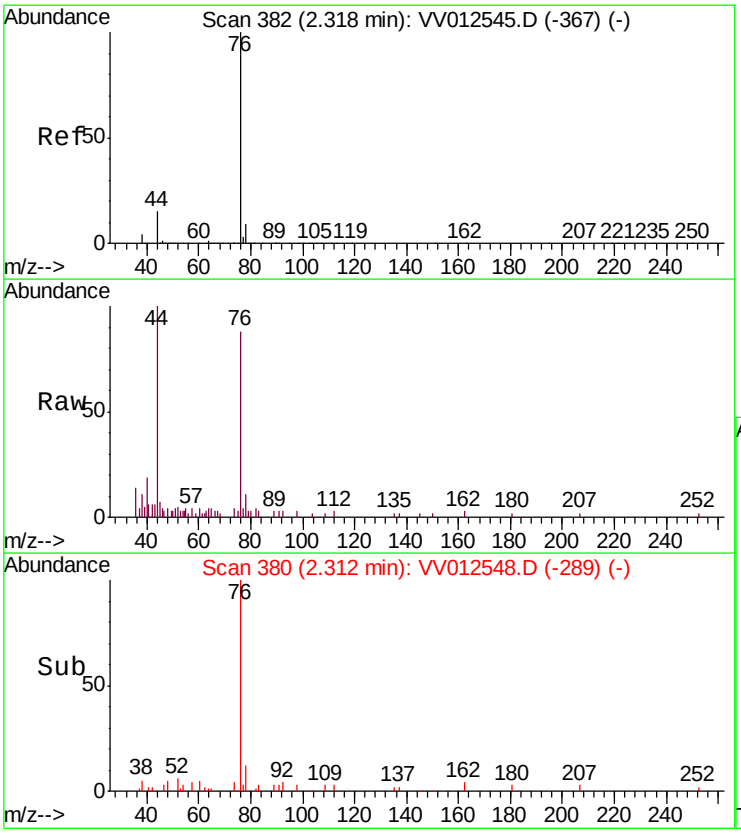
#12
1,1-Dichloroethene
Concen: 0.724 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument : MSVOA_V
ClientSampleId : BFD65DL

Tgt Ion: 96 Resp: 12260

Ion	Ratio	Lower	Upper
96	100		
61	239.0	133.7	248.3
63	589.3	83.2	154.6#

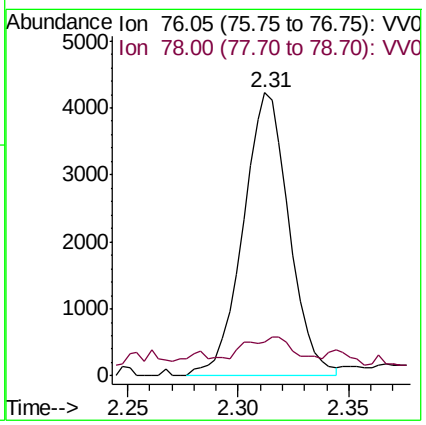


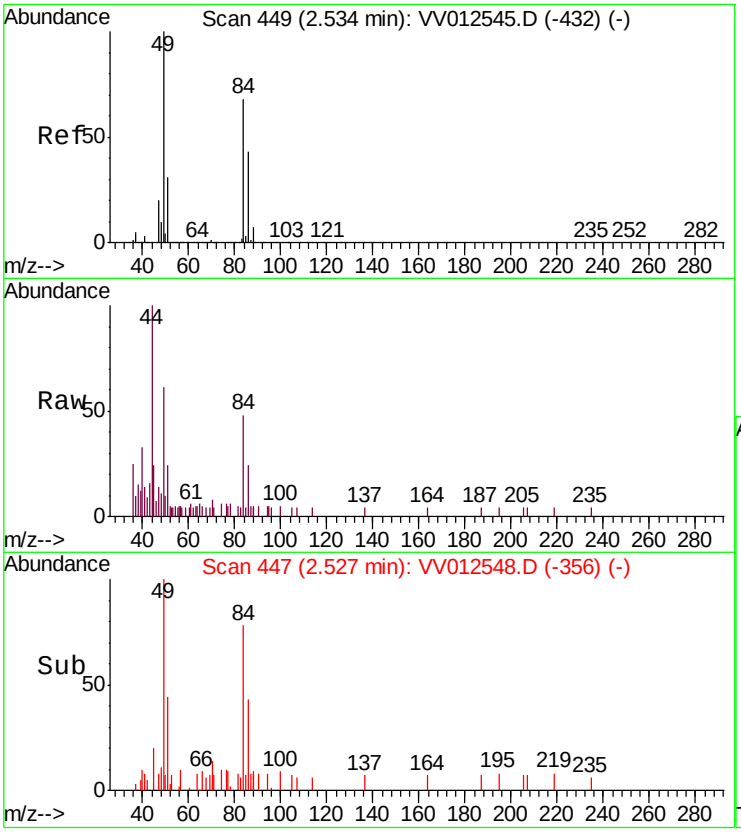


#14
Carbon disulfide
Concen: 0.113 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.01 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Tgt Ion: 76 Resp: 6137

Ion	Ratio	Lower	Upper
76	100		
78	12.1	7.4	11.0#



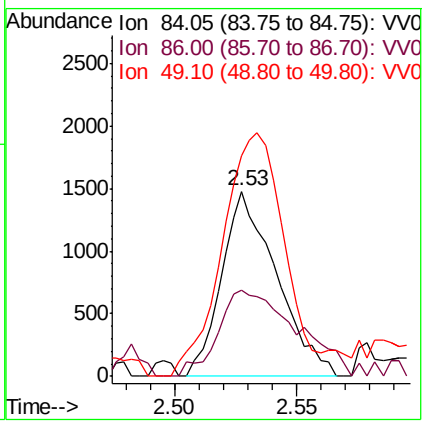


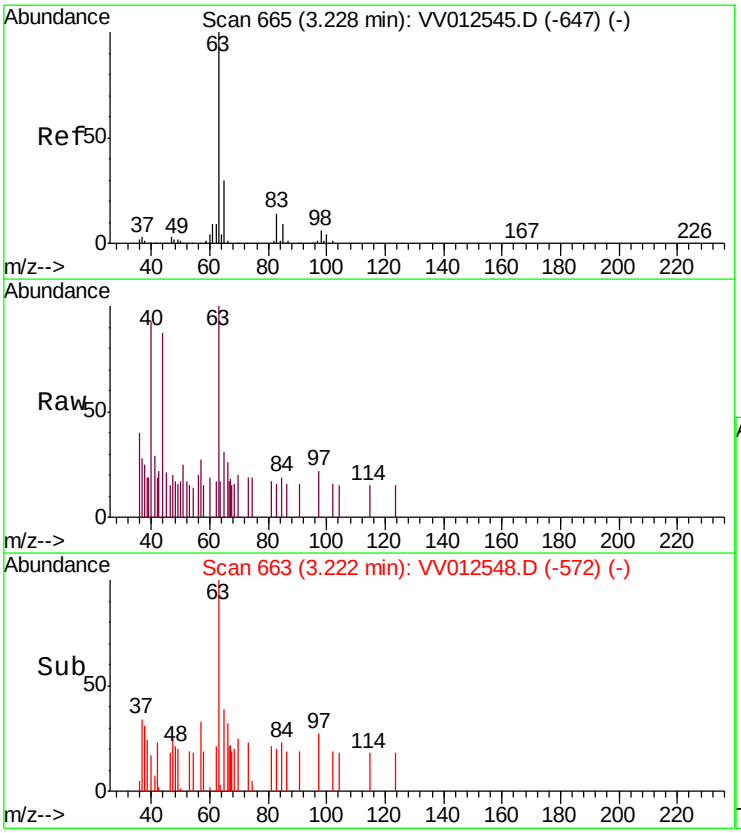
#16
Methylene chloride
Concen: 0.119 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 84 Resp: 2316

Ion	Ratio	Lower	Upper
84	100		
86	46.5	45.2	84.0
49	138.8	100.4	186.4

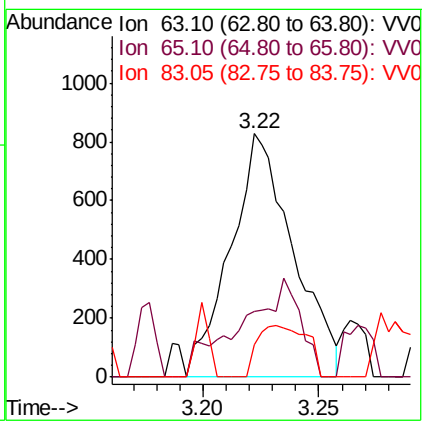


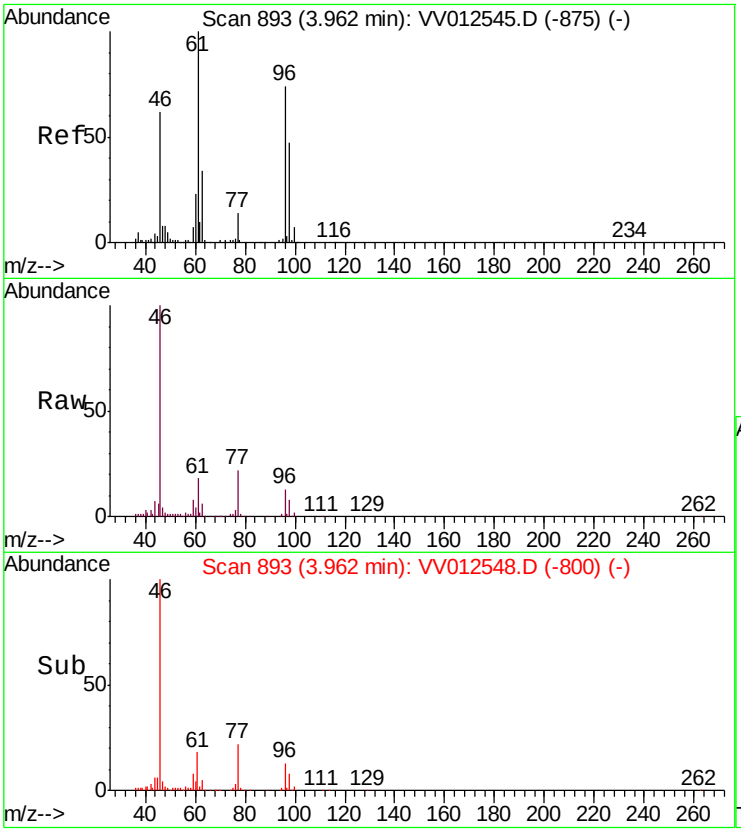


#19
1,1-Dichloroethane
Concen: 0.060 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.01 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Tgt Ion: 63 Resp: 1557

Ion	Ratio	Lower	Upper
63	100		
65	26.8	21.5	39.9
83	13.5	9.1	16.9



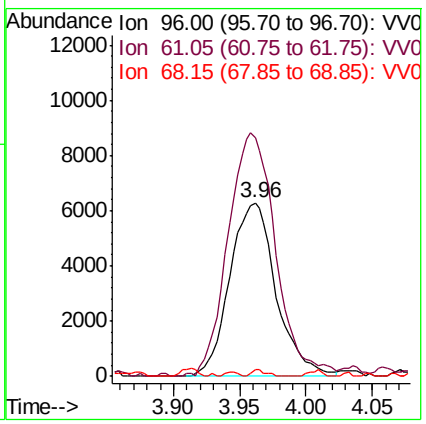


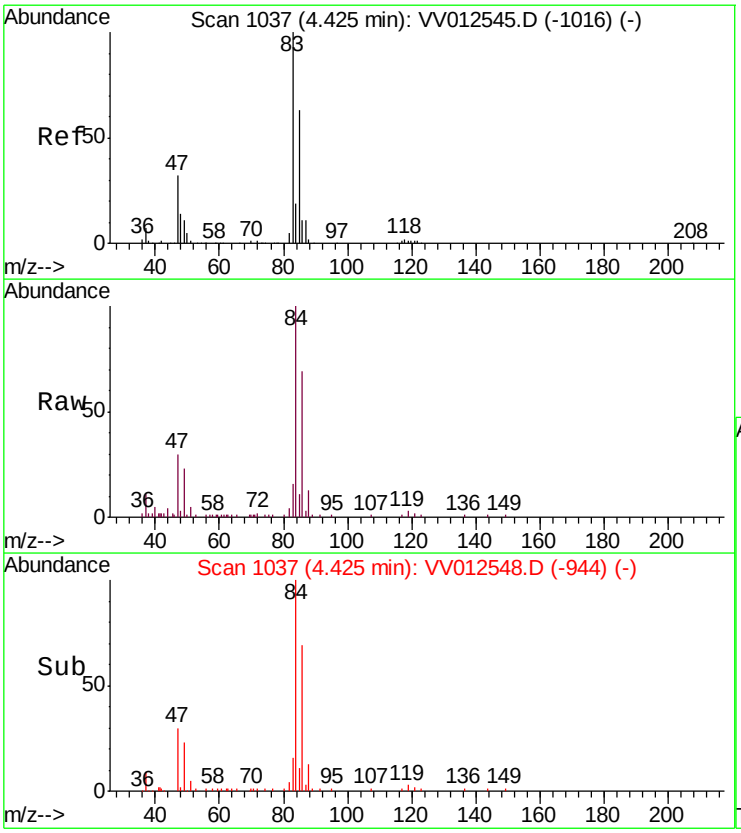
#22
cis-1,2-Dichloroethene
Concen: 1.094 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 96 Resp: 15293

Ion	Ratio	Lower	Upper
96	100		
61	137.6	97.5	181.1
68	4.1	0.0	0.0#

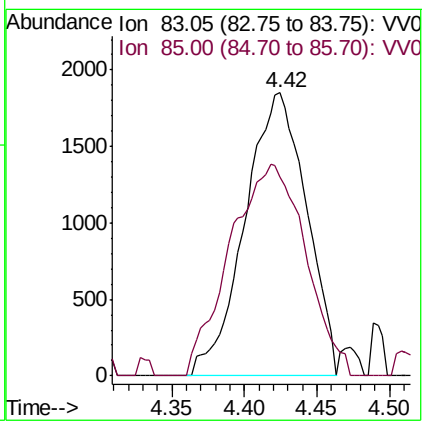


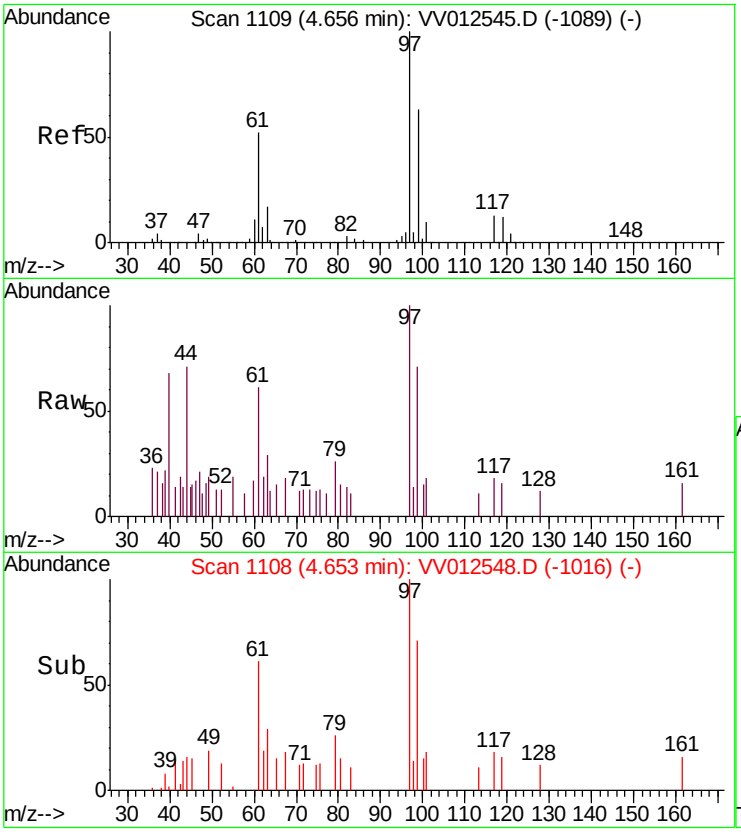


#25
Chloroform
Concen: 0.200 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Tgt Ion: 83 Resp: 5451

Ion	Ratio	Lower	Upper
83	100		
85	70.2	45.1	83.9



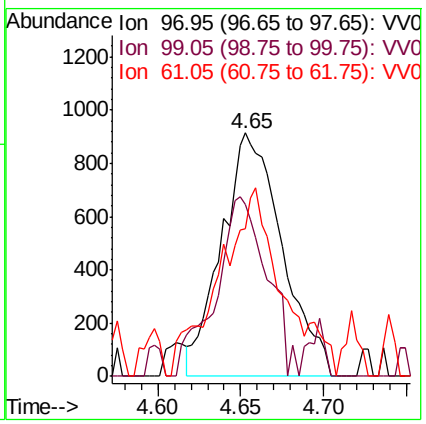


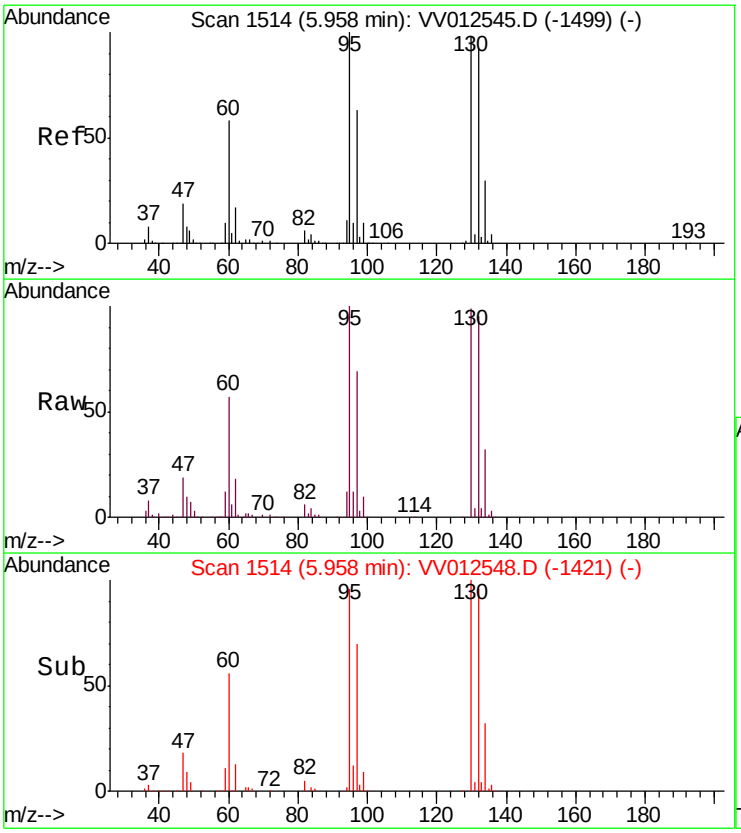
#29
1,1,1-Trichloroethane
Concen: 0.106 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument : MSVOA_V
ClientSampleId : BFD65DL

Tgt Ion: 97 Resp: 2329

Ion	Ratio	Lower	Upper
97	100		
99	62.9	52.6	79.0
61	74.0	43.4	65.2#

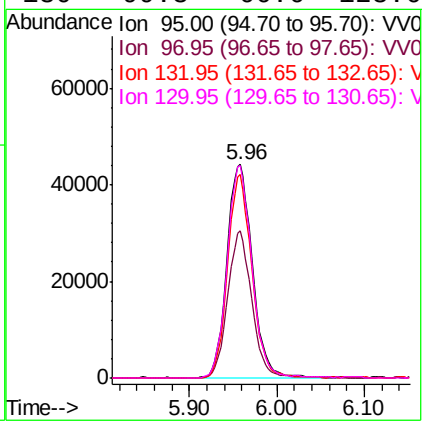


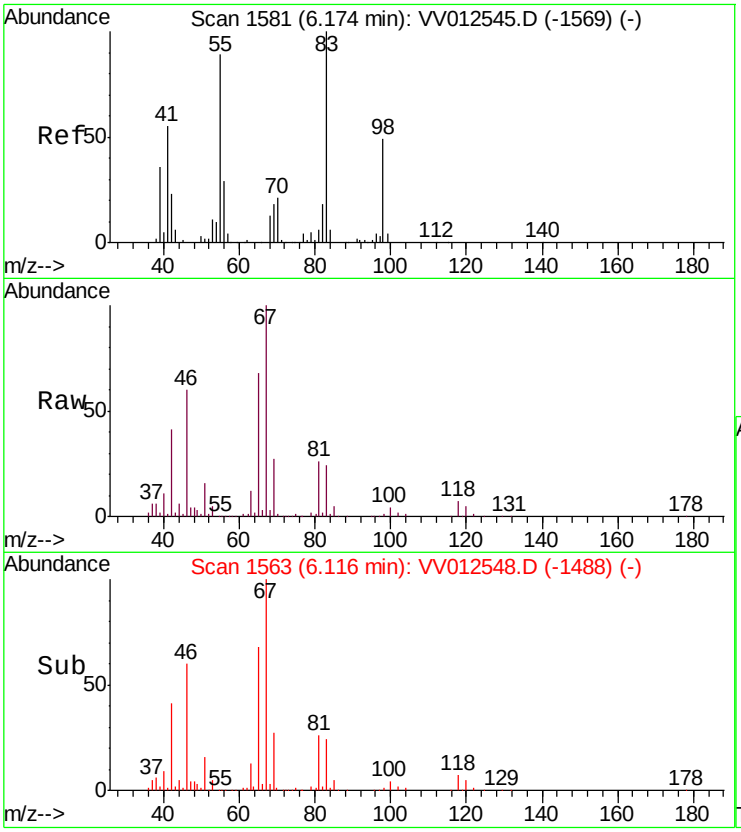


#34
Trichloroethene
Concen: 5.905 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Tgt Ion: 95 Resp: 89330

Ion	Ratio	Lower	Upper
95	100		
97	69.0	44.7	83.1
132	95.2	63.8	118.4
130	99.3	66.6	123.6



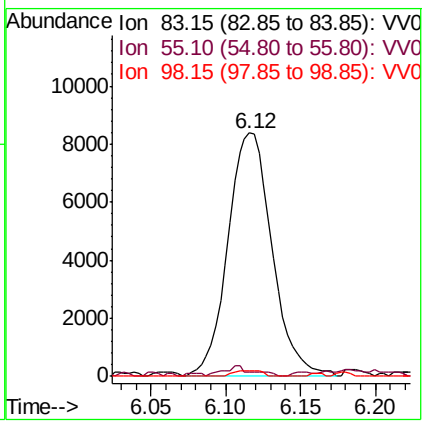


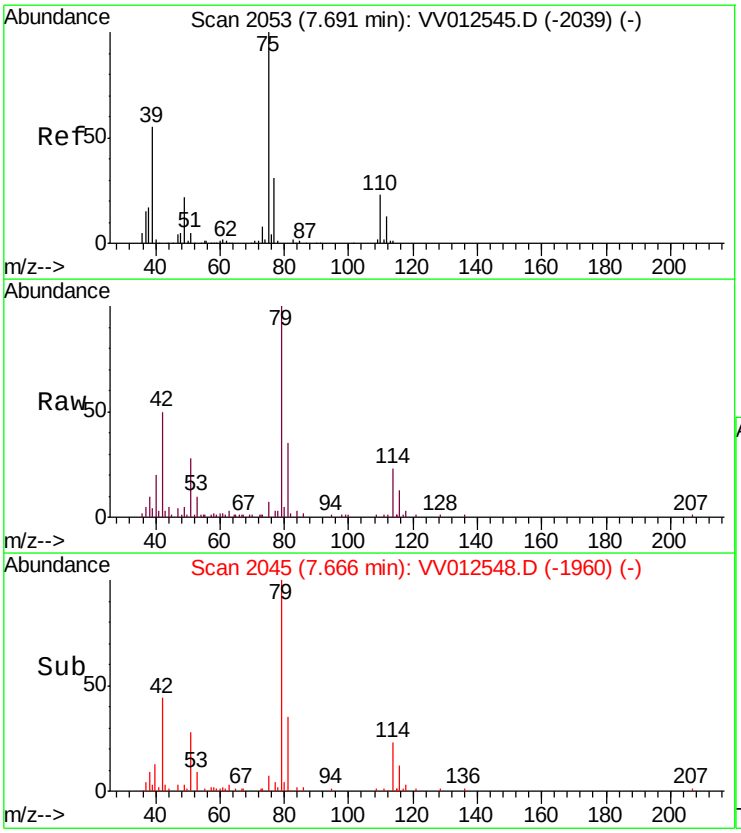
#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 83 Resp: 17236

Ion	Ratio	Lower	Upper
83	100		
55	2.3	67.3	100.9#
98	1.5	37.4	56.2#

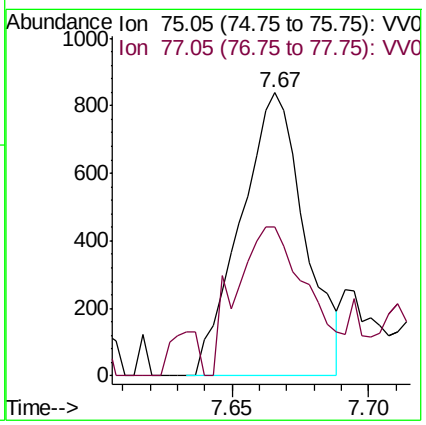


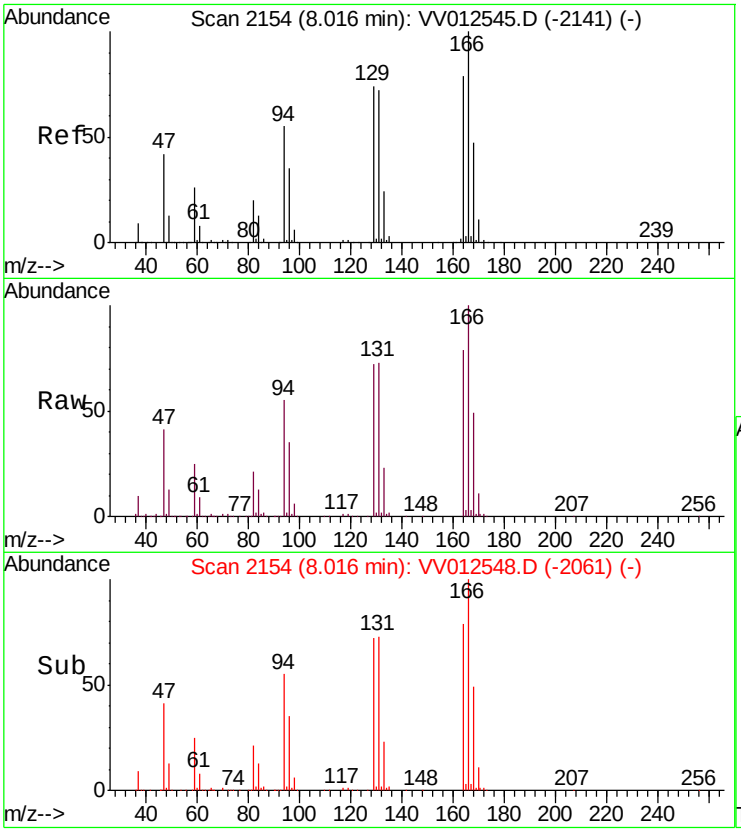


#44
trans-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Tgt Ion: 75 Resp: 1369

Ion	Ratio	Lower	Upper
75	100		
77	52.6	22.2	41.2#



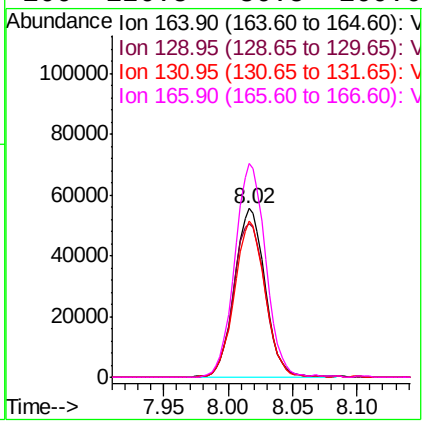


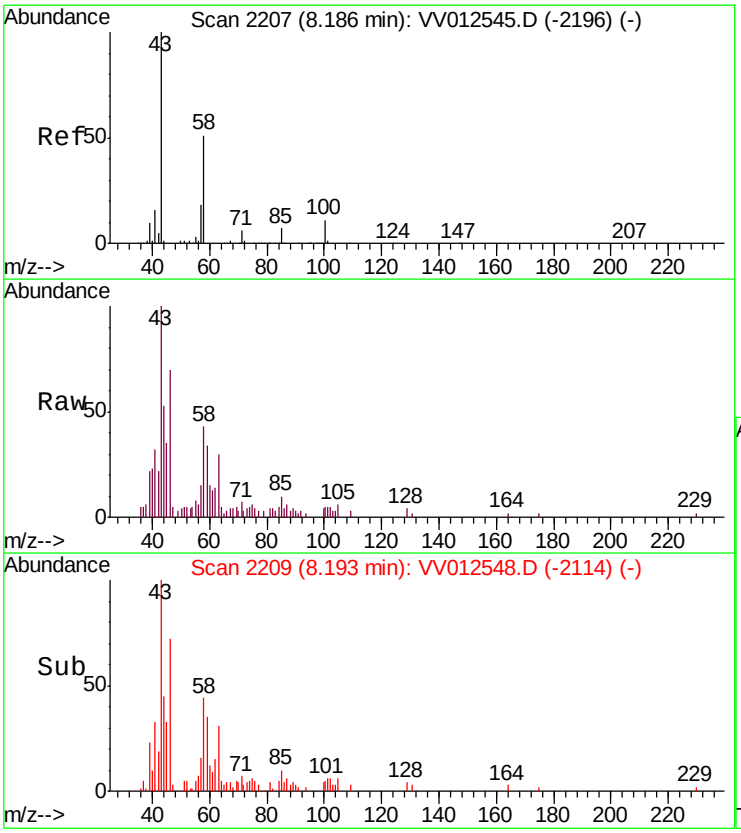
#47
Tetrachloroethene
Concen: 8.398 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion:164 Resp: 91797

Ion	Ratio	Lower	Upper
164	100		
129	91.3	64.5	119.9
131	92.4	62.3	115.7
166	126.5	86.5	160.6

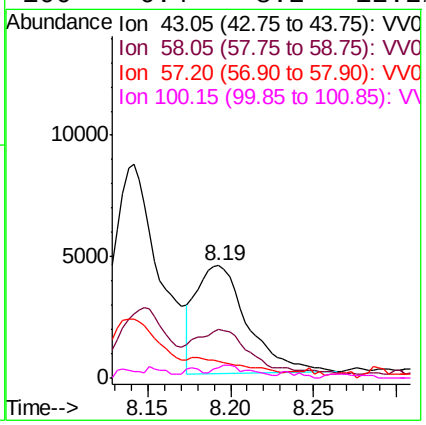


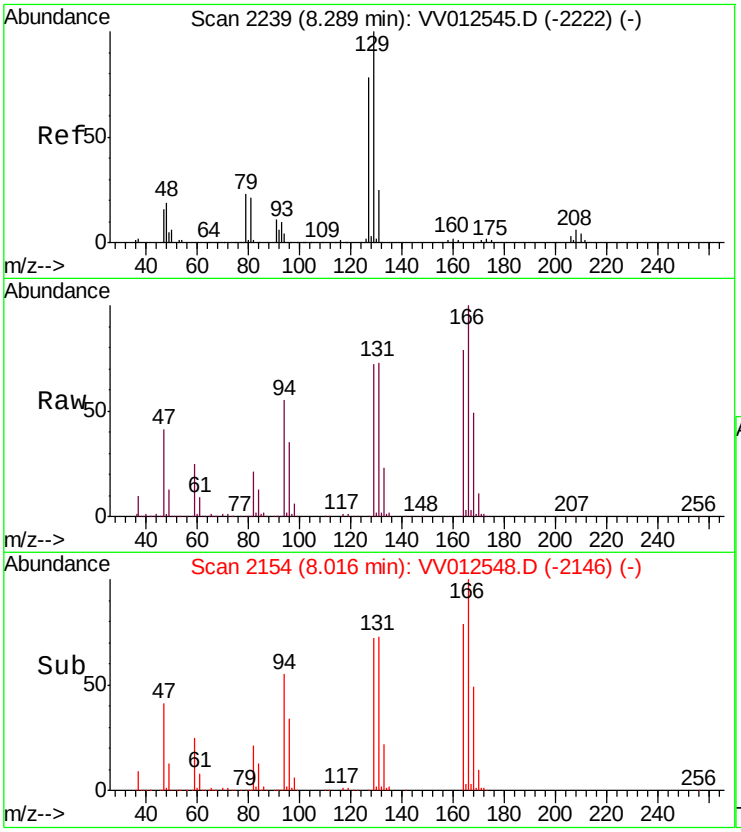


#48
2-Hexanone
Concen: 1.627 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Tgt Ion: 43 Resp: 9677

Ion	Ratio	Lower	Upper
43	100		
58	41.0	40.0	60.0
57	0.0	13.4	20.2#
100	6.4	8.2	12.2#





#49
Dibromochloromethane
Concen: 7.658 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012548.D
Acq: 03 Sep 2019 15:24

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion:129 Resp: 82360

Ion	Ratio	Lower	Upper
129	100		
127	0.4	54.9	102.1#