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

Quantitation Report (Not Reviewed)

Data File : VV012550.D
Acq On : 03 Sep 2019 16:22
Operator : SY/MD
Sample : K4607-09DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD65DL

Quant Time: Sep 04 02:14:44 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	149859	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55810	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56894	3.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.20%			
7) Chloroethane-d5	1.58	69	64006	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.00%			
11) 1,1-Dichloroethene-d2	2.13	63	108382	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	3.94	46	121644	43.86	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.72%			
24) Chloroform-d	4.40	84	98407	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
26) 1,2-Dichloroethane-d4	5.08	65	52456	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
32) Benzene-d6	5.10	84	180629	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
36) 1,2-Dichloropropane-d6	6.12	67	60021	4.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%			
41) Toluene-d8	7.36	98	145683	3.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.60%			
43) trans-1,3-Dichloropropene-	7.66	79	18647	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.13	63	73137	39.87	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.74%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39362	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	48238	4.71	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	9446	0.487	ug/L #	1
14) Carbon disulfide	2.32	76	4538	0.073	ug/L #	73
16) Methylene chloride	2.54	84	2719	0.122	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	13689	0.855	ug/L	97
25) Chloroform	4.42	83	4810	0.154	ug/L	92
29) 1,1,1-Trichloroethane	4.65	97	2259	0.090	ug/L #	77
34) Trichloroethene	5.96	95	76483	4.438	ug/L	98
35) Methylcyclohexane	6.12	83	14544	0.555	ug/L #	16
44) trans-1,3-Dichloropropene	7.66	75	1136	0.066	ug/L	89
47) Tetrachloroethene	8.02	164	76943	6.179	ug/L	98
48) 2-Hexanone	8.19	43	7358	1.086	ug/L #	83
49) Dibromochloromethane	8.02	129	67919	5.544	ug/L #	11

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

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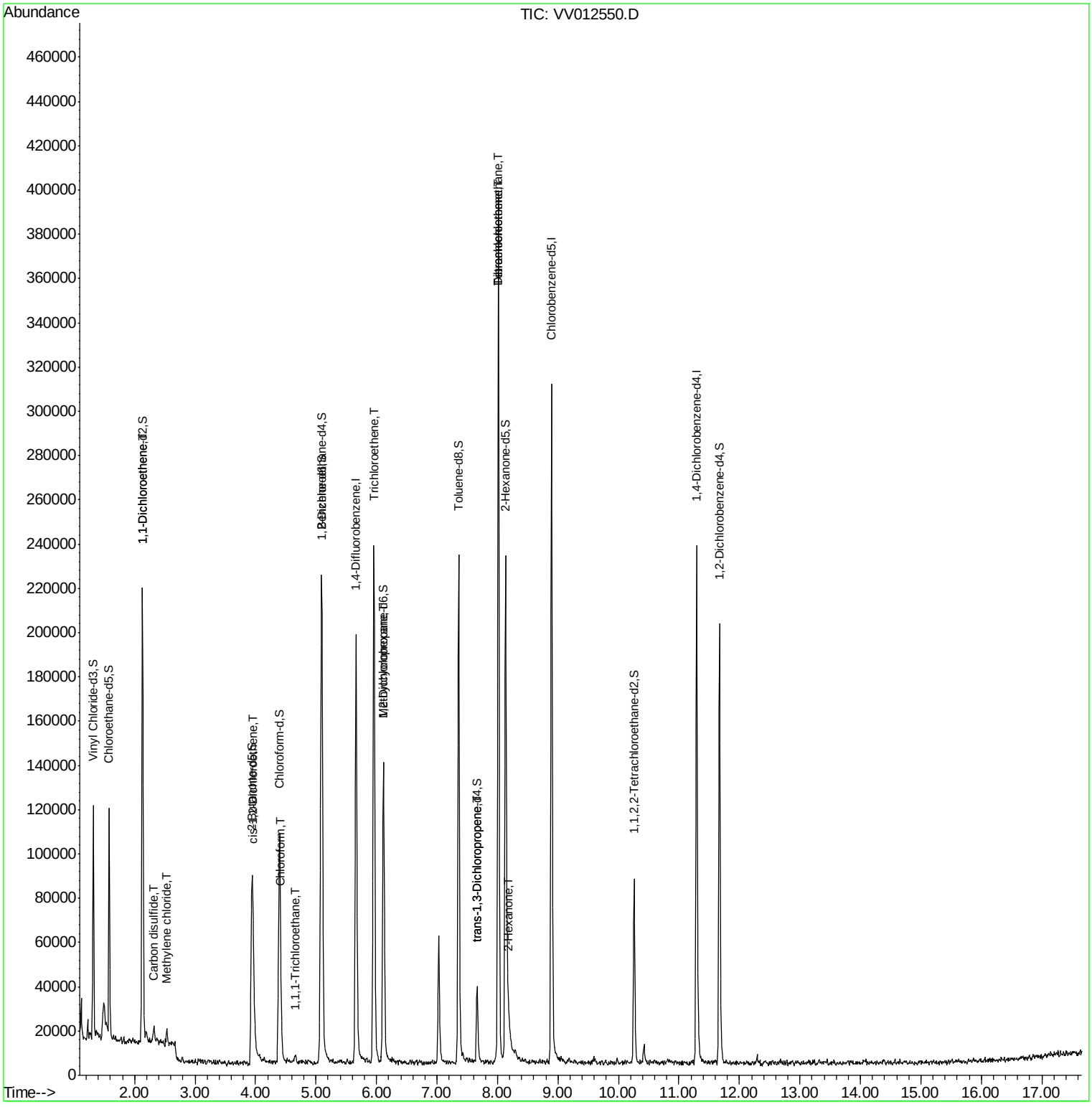
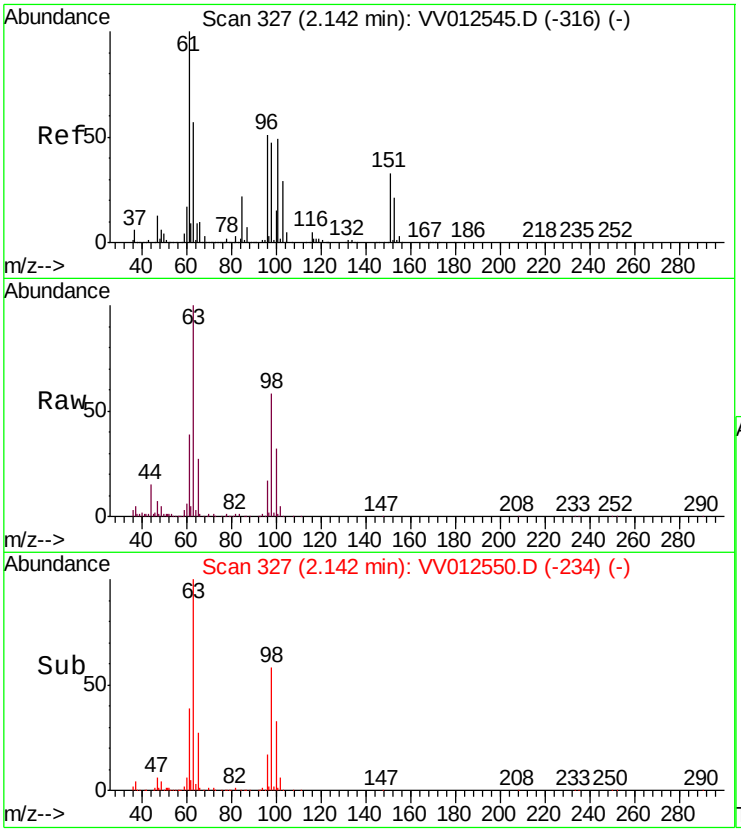
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 04 02:10:17 2019
Response via : Initial Calibration



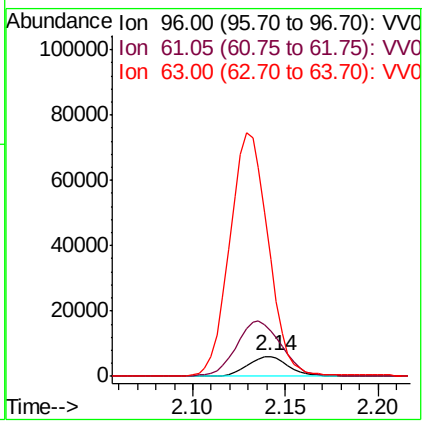


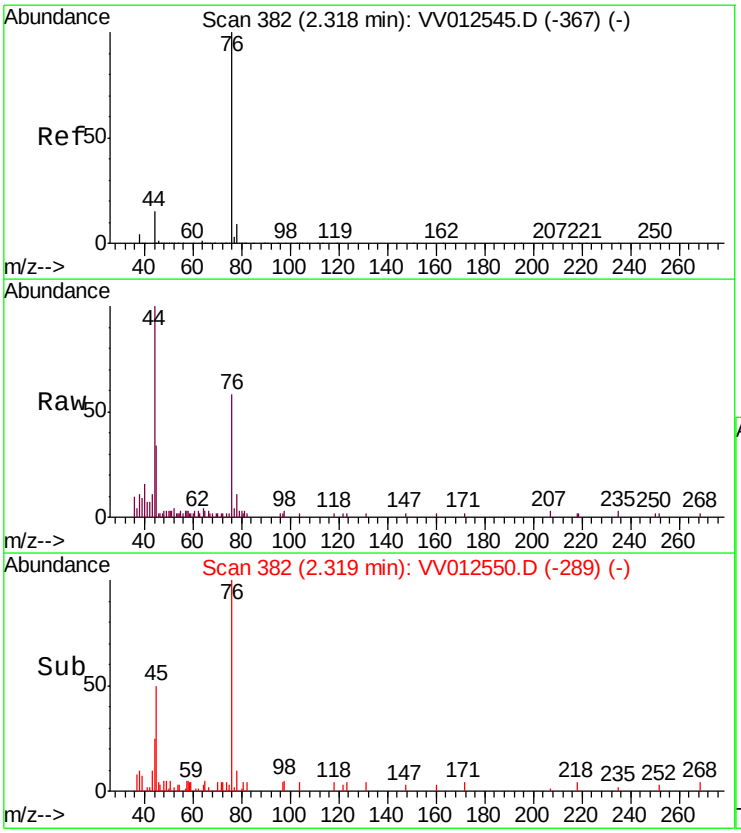
#12
1,1-Dichloroethene
Concen: 0.487 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 96 Resp: 9446

Ion	Ratio	Lower	Upper
96	100		
61	227.4	133.7	248.3
63	582.7	83.2	154.6#

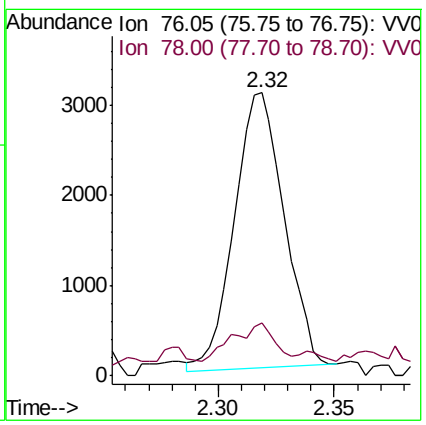


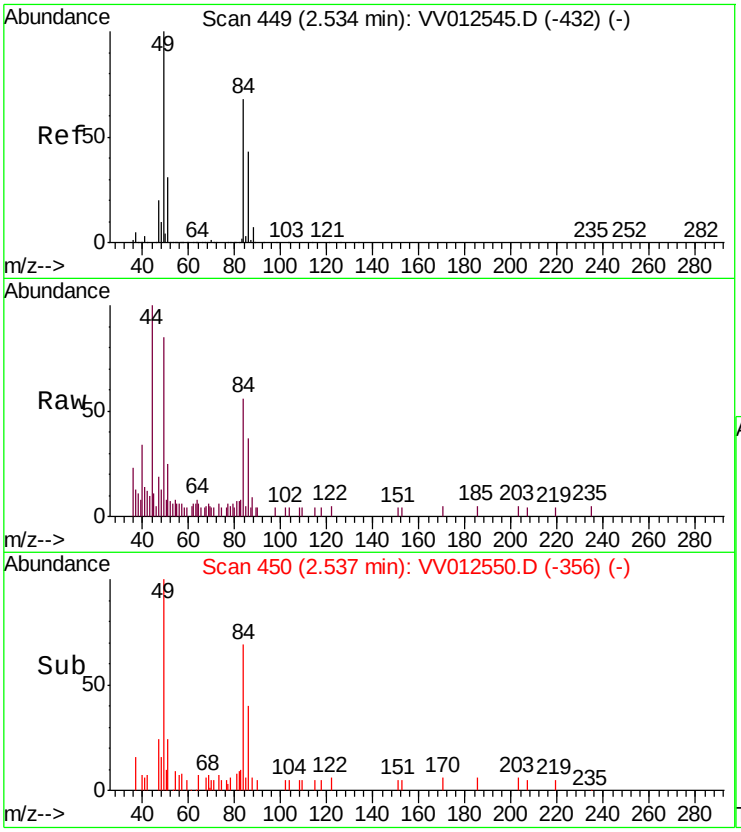


#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Tgt Ion: 76 Resp: 4538

Ion	Ratio	Lower	Upper
76	100		
78	18.8	7.4	11.0#



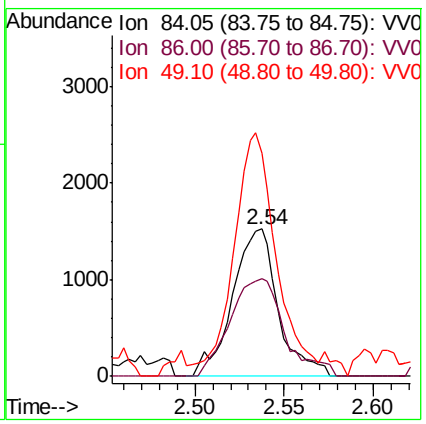


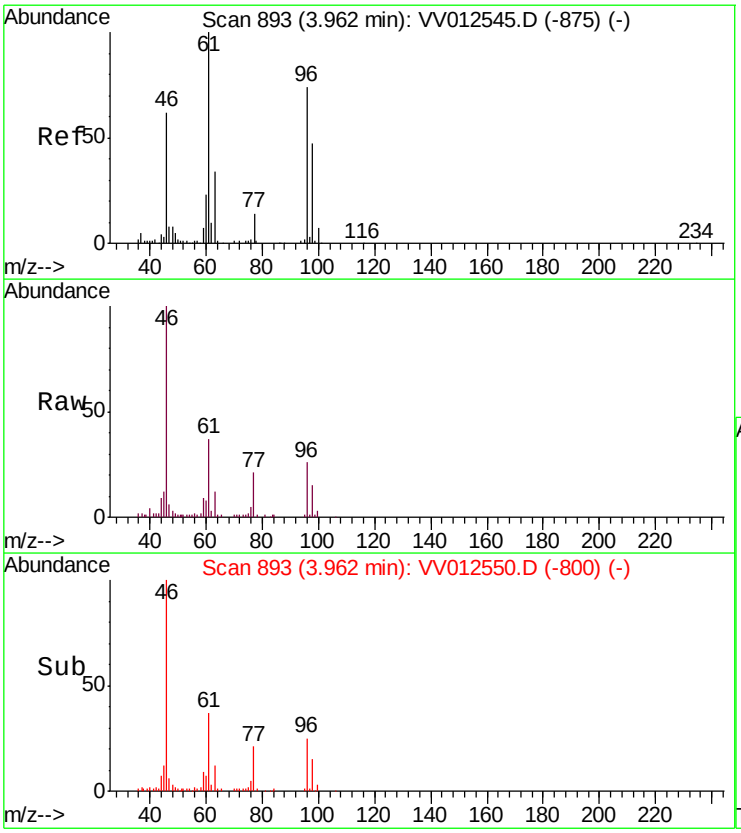
#16
Methylene chloride
Concen: 0.122 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 84 Resp: 2719

Ion	Ratio	Lower	Upper
84	100		
86	73.4	45.2	84.0
49	151.4	100.4	186.4

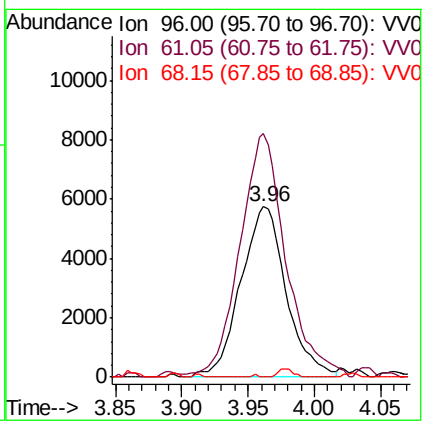


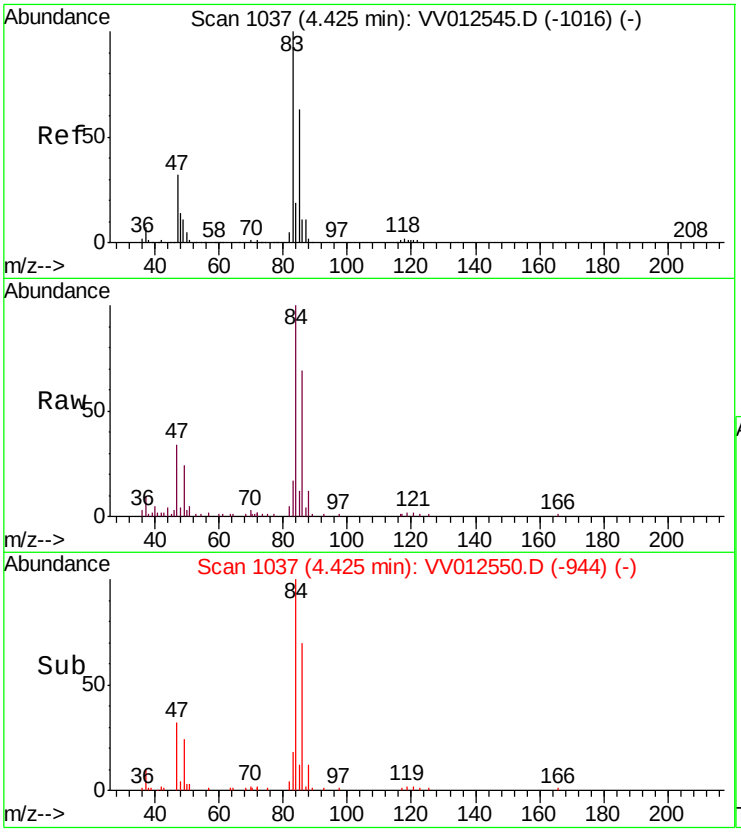


#22
cis-1,2-Dichloroethene
Concen: 0.855 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Tgt Ion: 96 Resp: 13689

Ion	Ratio	Lower	Upper
96	100		
61	143.2	97.5	181.1
68	0.0	0.0	0.0



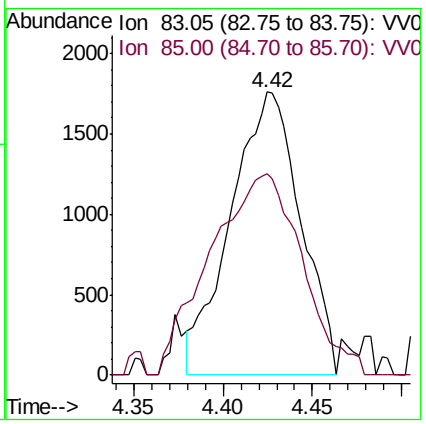


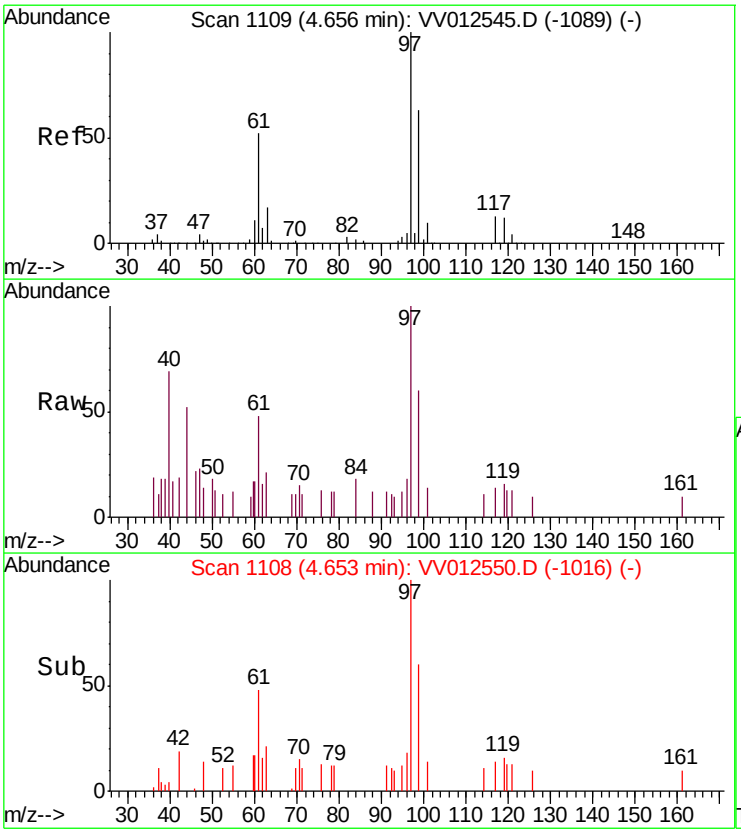
#25
Chloroform
Concen: 0.154 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 83 Resp: 4810

Ion	Ratio	Lower	Upper
83	100		
85	71.0	45.1	83.9

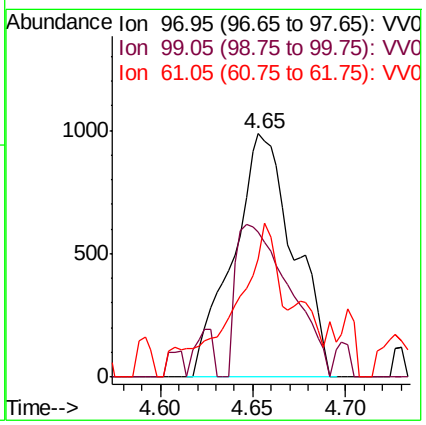


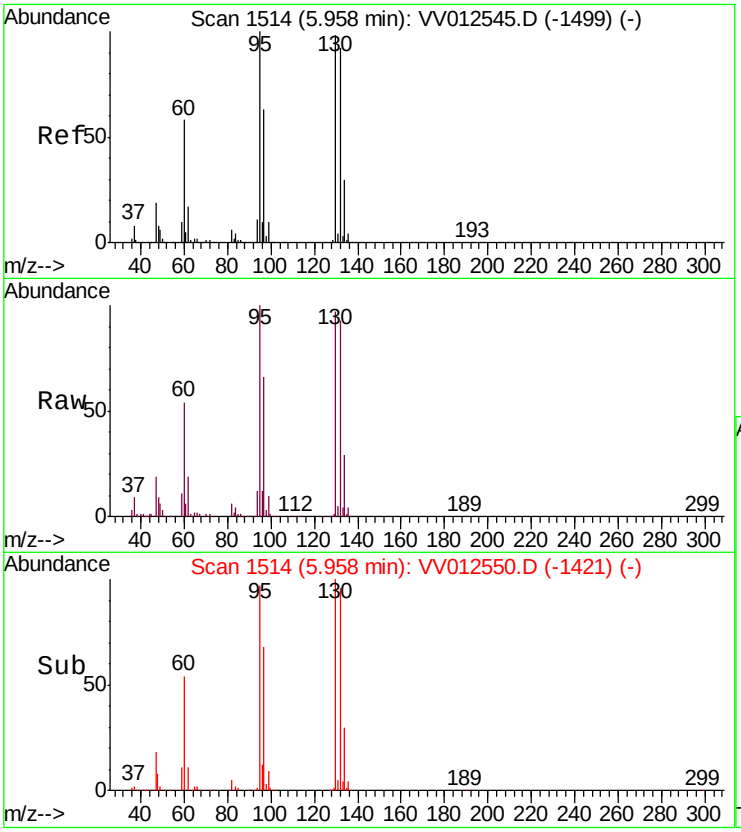


#29
1,1,1-Trichloroethane
Concen: 0.090 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Tgt Ion: 97 Resp: 2259

Ion	Ratio	Lower	Upper
97	100		
99	55.9	52.6	79.0
61	28.1	43.4	65.2#



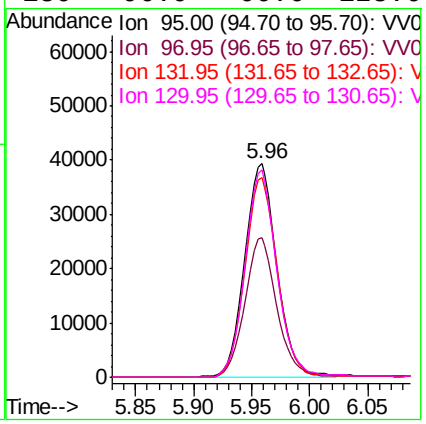


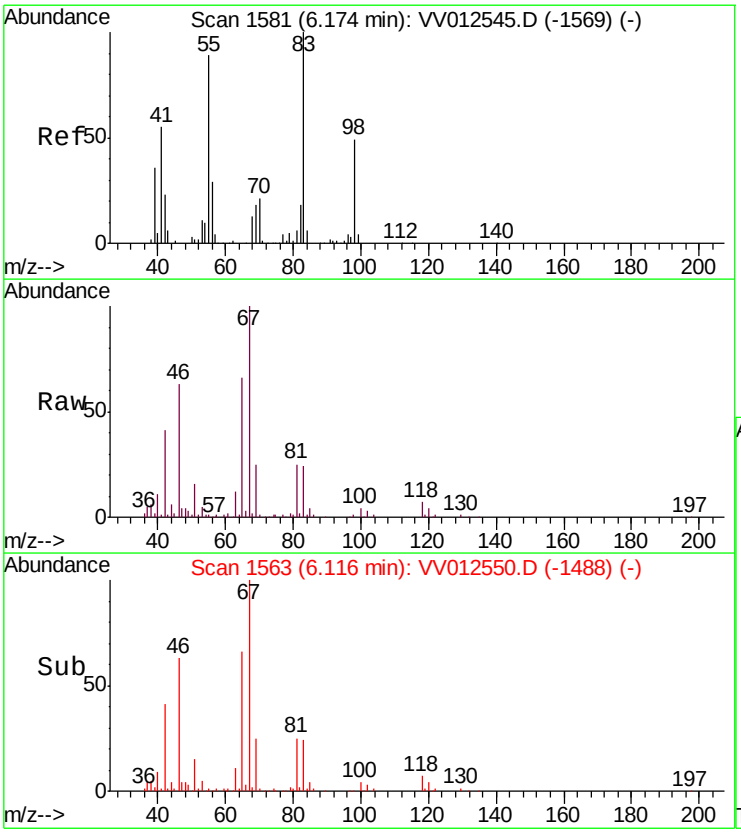
#34
Trichloroethene
Concen: 4.438 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 95 Resp: 76483

Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.7	83.1
132	93.2	63.8	118.4
130	96.9	66.6	123.6

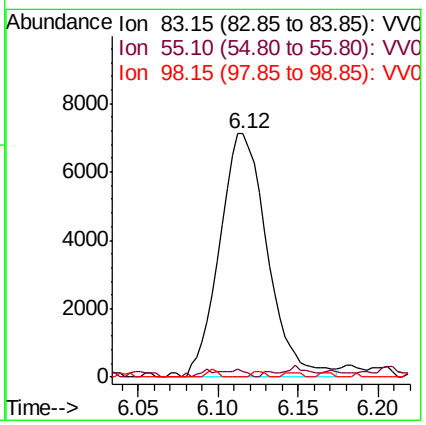


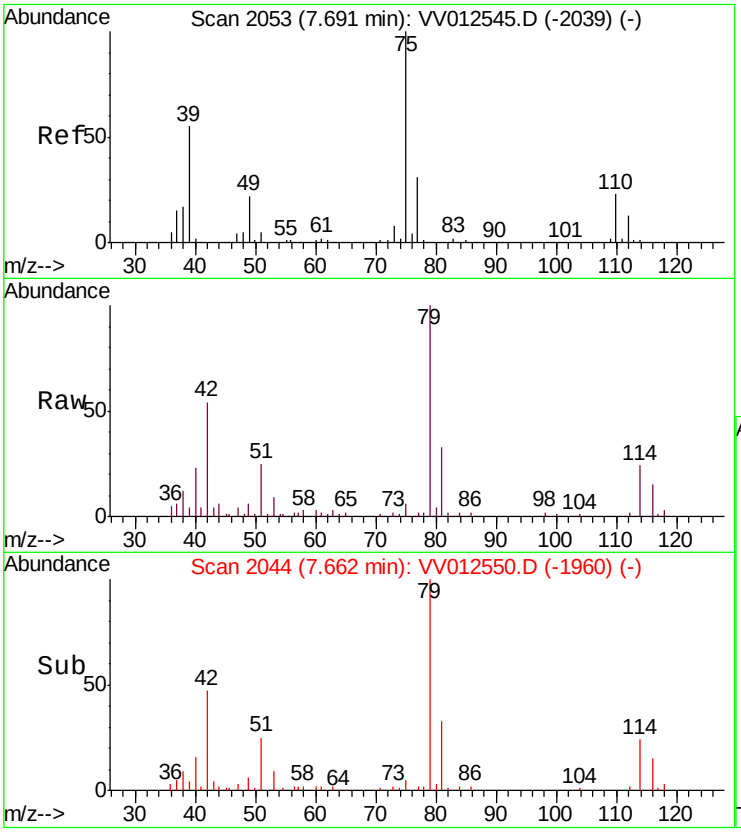


#35
Methylcyclohexane
Concen: 0.555 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Tgt Ion: 83 Resp: 14544

Ion	Ratio	Lower	Upper
83	100		
55	1.4	67.3	100.9#
98	0.0	37.4	56.2#



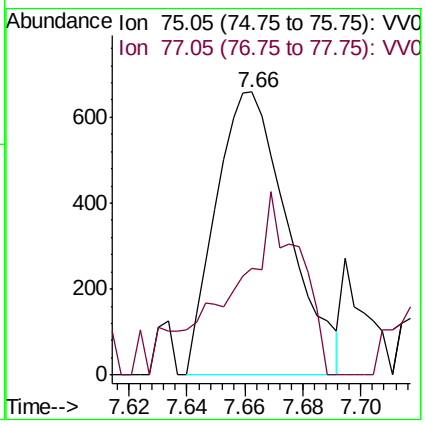


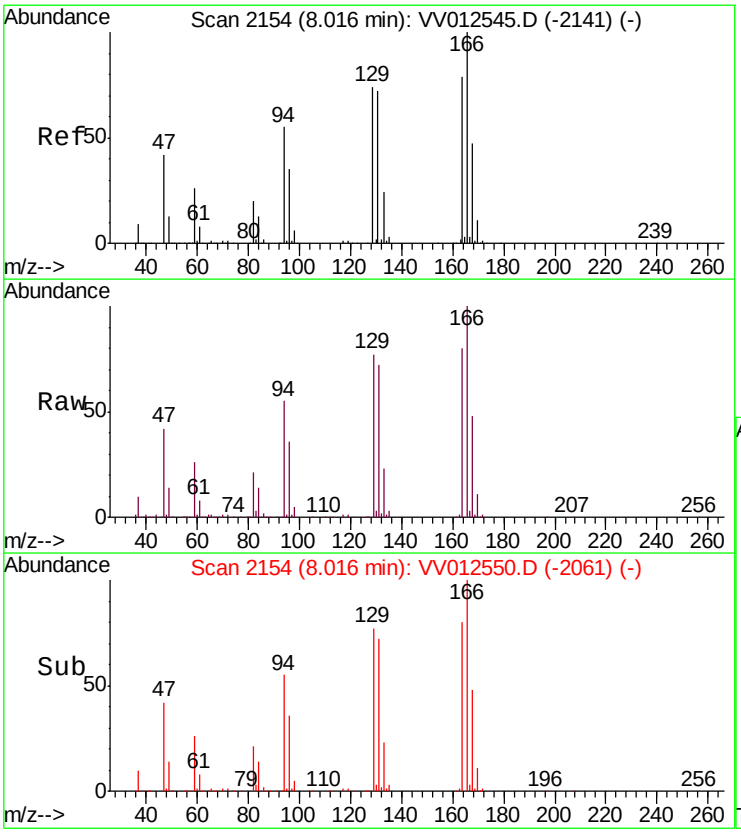
#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 75 Resp: 1136

Ion	Ratio	Lower	Upper
75	100		
77	37.5	22.2	41.2

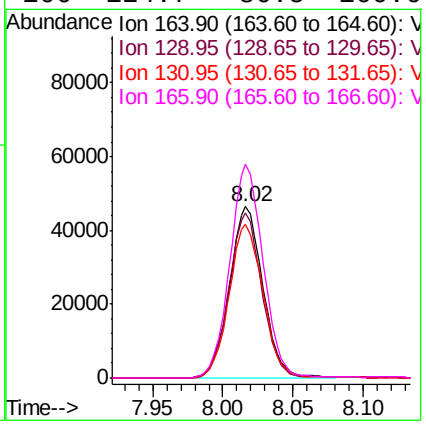


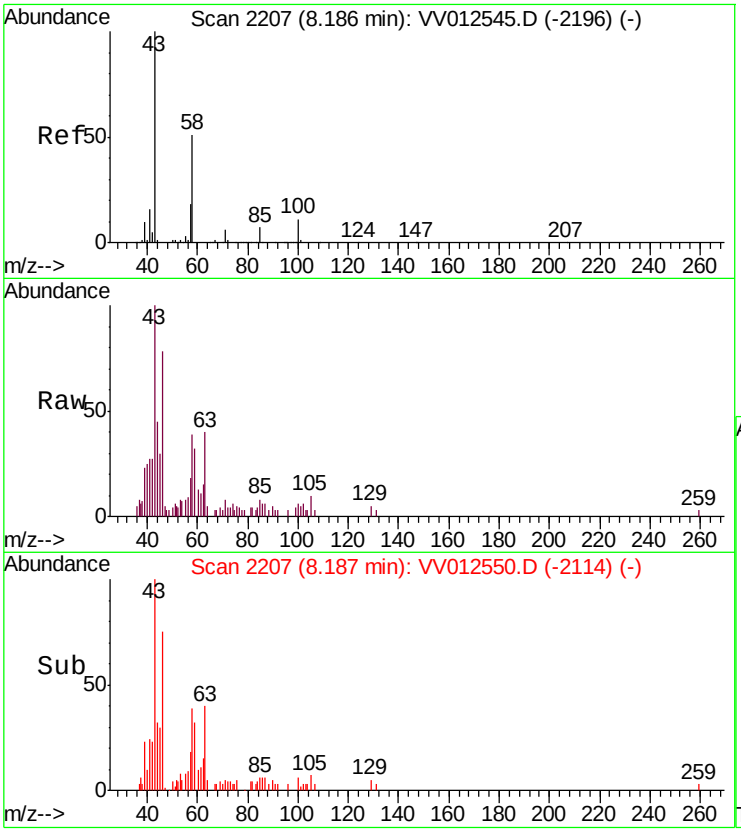


#47
Tetrachloroethene
Concen: 6.179 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Tgt Ion:164 Resp: 76943

Ion	Ratio	Lower	Upper
164	100		
129	96.2	64.5	119.9
131	89.8	62.3	115.7
166	124.7	86.5	160.6



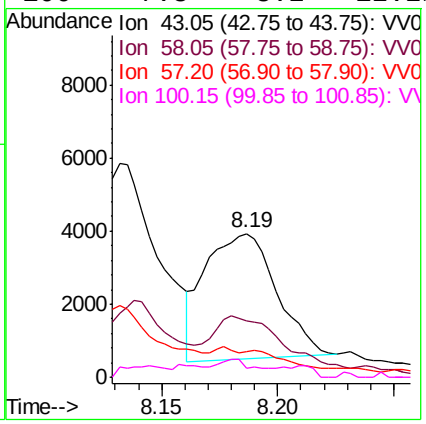


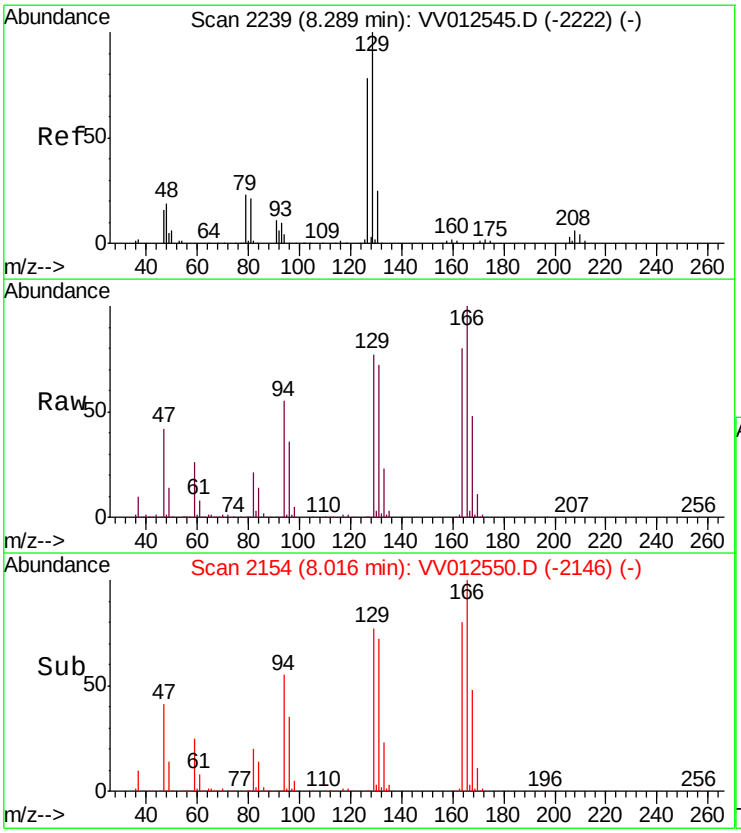
#48
2-Hexanone
Concen: 1.086 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Instrument :
MSVOA_V
ClientSampleId :
BFD65DL

Tgt Ion: 43 Resp: 7358

Ion	Ratio	Lower	Upper
43	100		
58	42.6	40.0	60.0
57	0.0	13.4	20.2#
100	7.3	8.2	12.2#





#49
Dibromochloromethane
Concen: 5.544 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012550.D
Acq: 03 Sep 2019 16:22

Tgt Ion:129 Resp: 67919

Ion	Ratio	Lower	Upper
129	100		
127	0.7	54.9	102.1#