Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\

Quantitation Report (Not Reviewed)

Data File : VV012388.D
Acq On : 24 Aug 2019 02:26
Operator : SY/MD
Sample : K4500-05MSD
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANJ9MSD

Quant Time: Aug 26 08:08:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	273336	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	261847	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	105997	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58140	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.58	69	43399	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.13	63	106098	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.40%			
20) 2-Butanone-d5	3.96	46	163760	44.48	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.96%			
24) Chloroform-d	4.40	84	130019	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
26) 1,2-Dichloroethane-d4	5.08	65	65398	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
32) Benzene-d6	5.10	84	266320	4.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.60%			
36) 1,2-Dichloropropane-d6	6.12	67	80846	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.80%			
41) Toluene-d8	7.36	98	220354	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	7.67	79	27069	3.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.00%			
46) 2-Hexanone-d5	8.14	63	87635	38.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.16%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49811	3.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	77125	4.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.40%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1054	0.087	ug/L #	16
12) 1,1-Dichloroethene	2.14	96	50457	4.602	ug/L	94
13) Acetone	2.21	43	12145	7.625	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	6738	0.413	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	100084	5.628	ug/L	99
27) 1,2-Dichloroethane	5.15	62	2557	0.143	ug/L #	74
33) Benzene	5.14	78	312816	4.685	ug/L	100
34) Trichloroethene	5.96	95	101432	5.628	ug/L	98
35) Methylcyclohexane	6.12	83	19445	0.687	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9144	0.540	ug/L #	87
42) Toluene	7.43	91	310724	4.556	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	1339	0.078	ug/L #	68
47) Tetrachloroethene	8.02	164	20506	1.410	ug/L	94
48) 2-Hexanone	8.20	43	14493	2.216	ug/L #	86
49) Dibromochloromethane	8.02	129	16876	1.285	ug/L #	11
51) Chlorobenzene	8.92	112	215143	4.828	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\

Quantitation Report (Not Reviewed)

Data File : VV012388.D
Acq On : 24 Aug 2019 02:26
Operator : SY/MD
Sample : K4500-05MSD
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANJ9MSD

Quant Time: Aug 26 08:08:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 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\VV082319\

Quantitation Report (Not Reviewed)

Data File : VV012388.D
Acq On : 24 Aug 2019 02:26
Operator : SY/MD
Sample : K4500-05MSD
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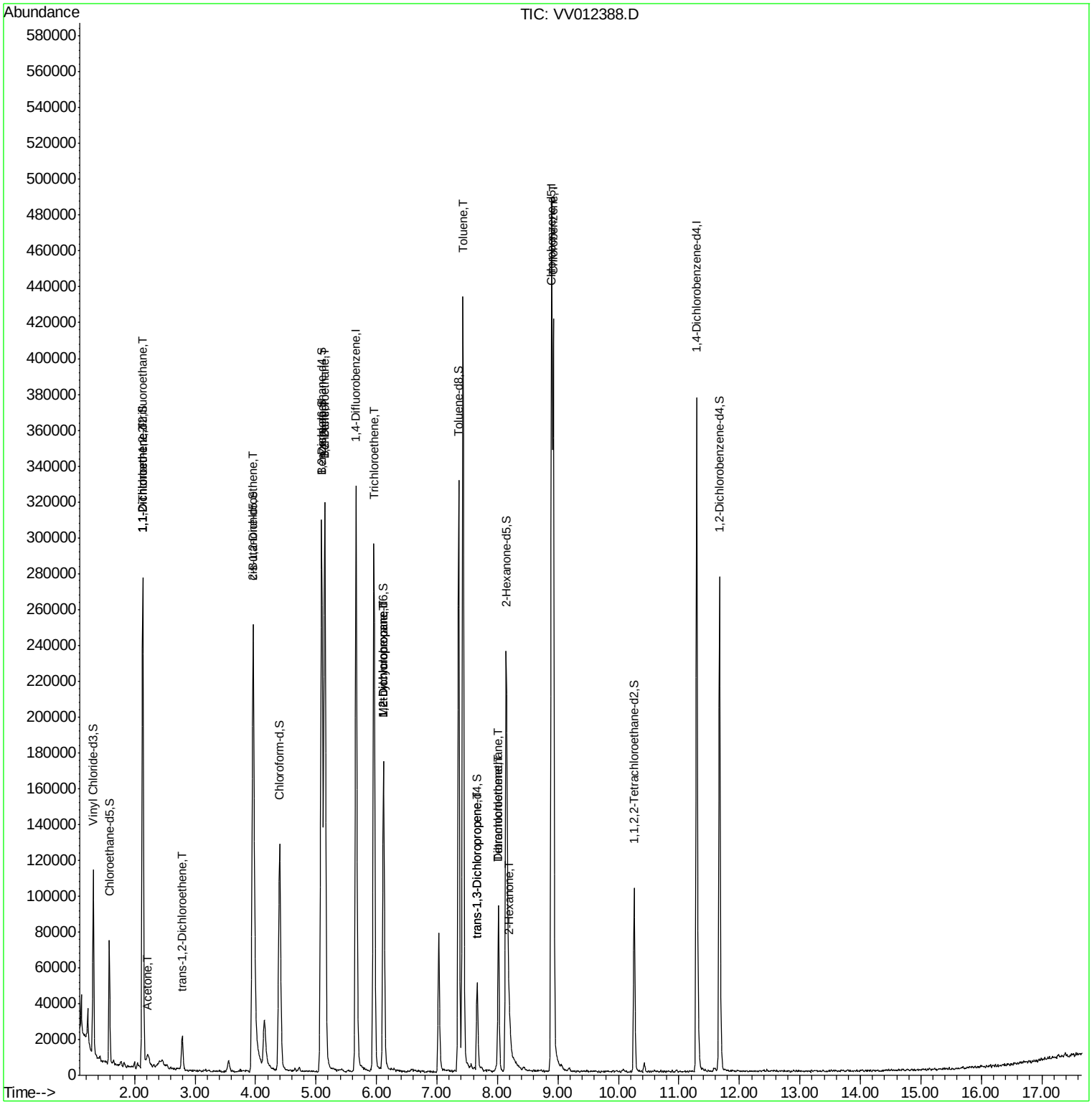
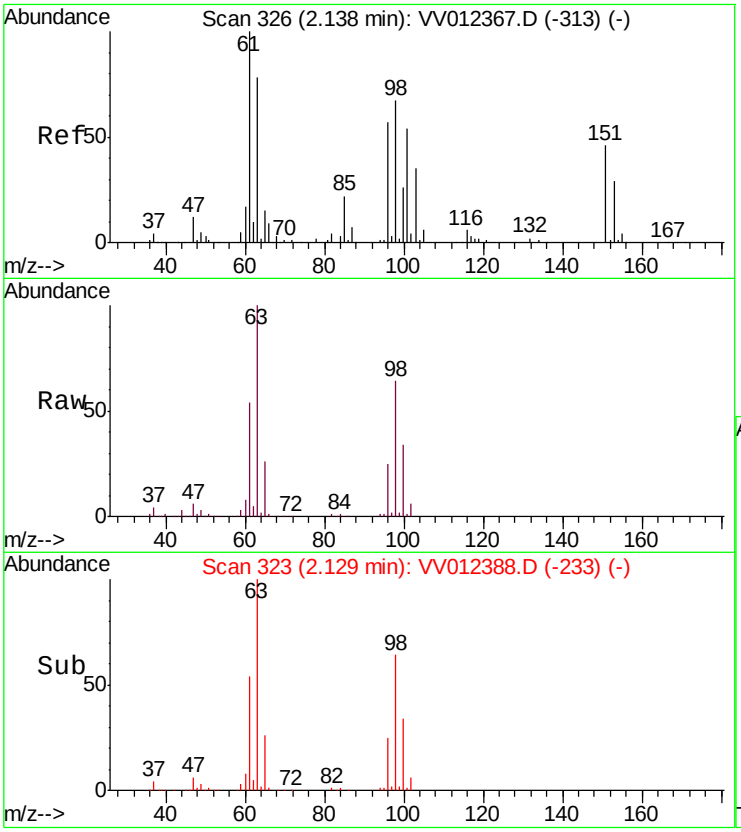
Quant Time: Aug 26 08:08:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration



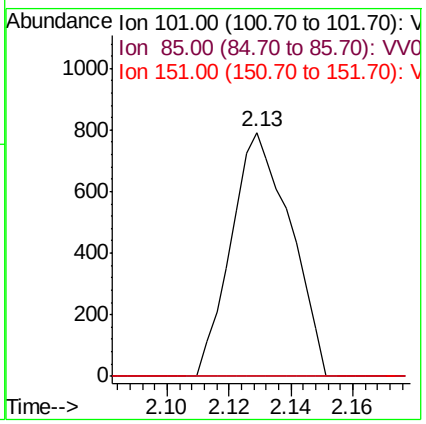


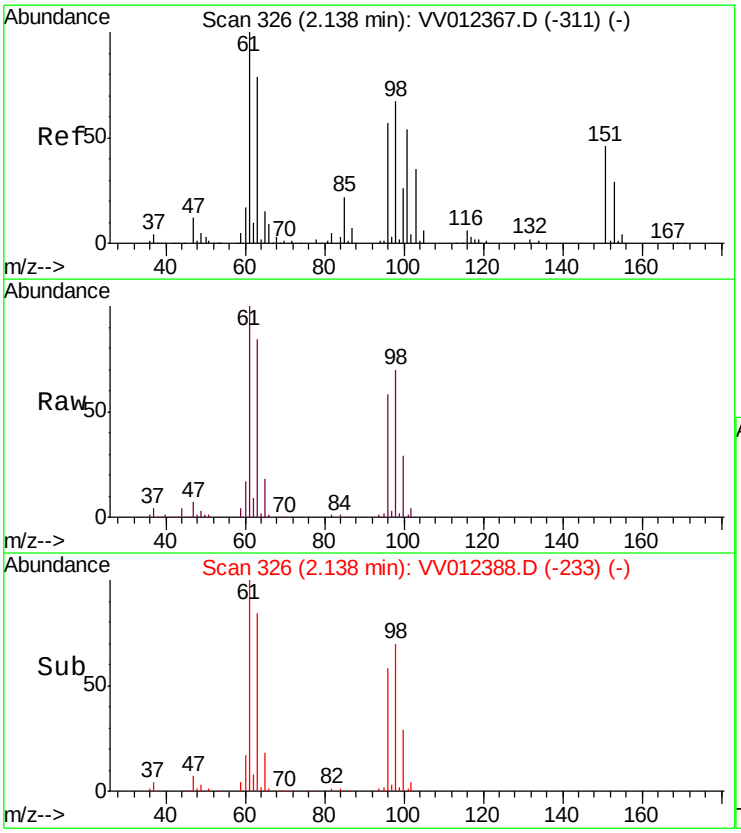
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
GANJ9MSD

Tgt Ion:101 Resp: 1054

Ion	Ratio	Lower	Upper
101	100		
85	3.7	34.6	51.8#
151	0.0	71.2	106.8#

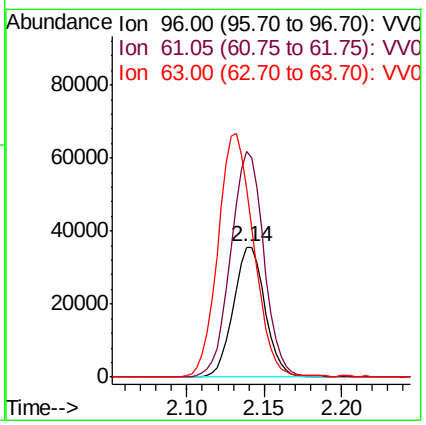


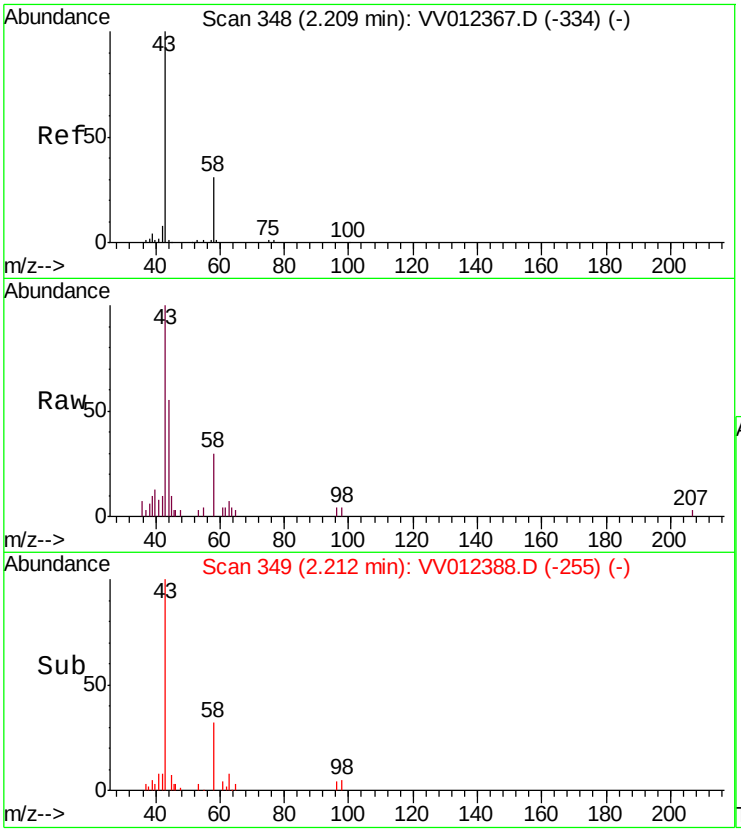


#12
1,1-Dichloroethene
Concen: 4.602 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion: 96 Resp: 50457

Ion	Ratio	Lower	Upper
96	100		
61	173.3	122.3	227.1
63	144.8	90.6	168.2



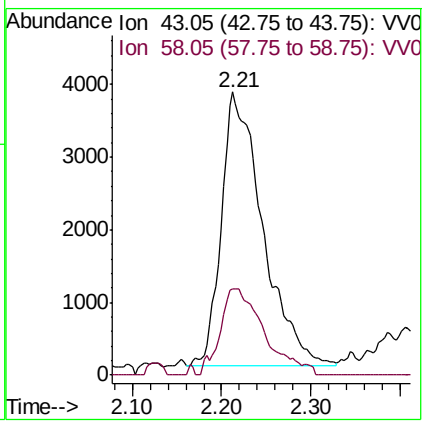


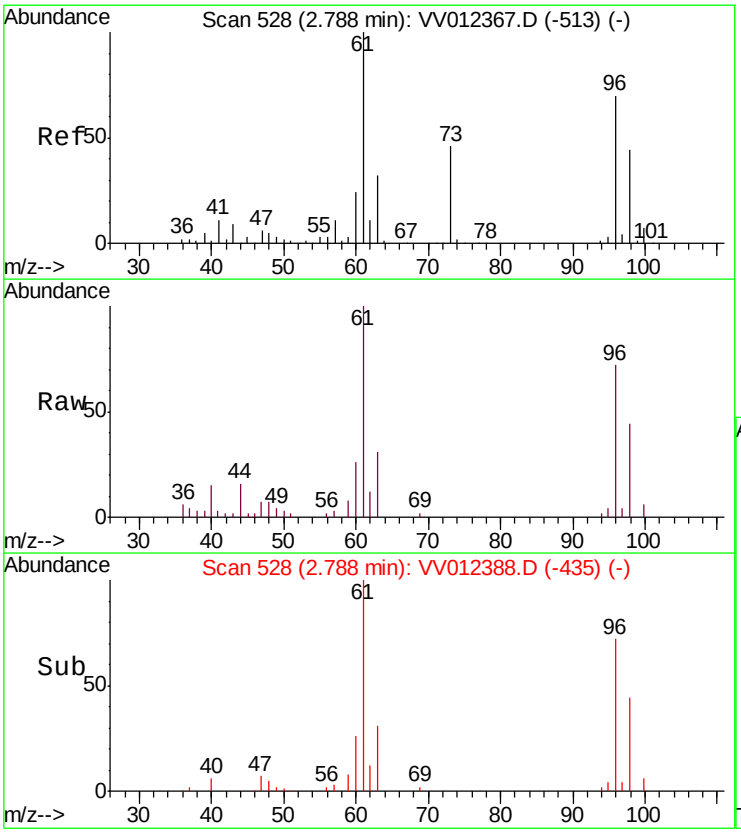
#13
Acetone
Concen: 7.625 ug/L
RT: 2.21 min Scan# 349
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument : MSVOA_V
ClientSampleId : GANJ9MSD

Tgt Ion: 43 Resp: 12145

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	62.8

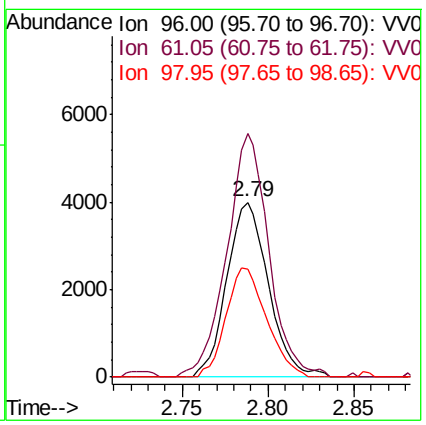


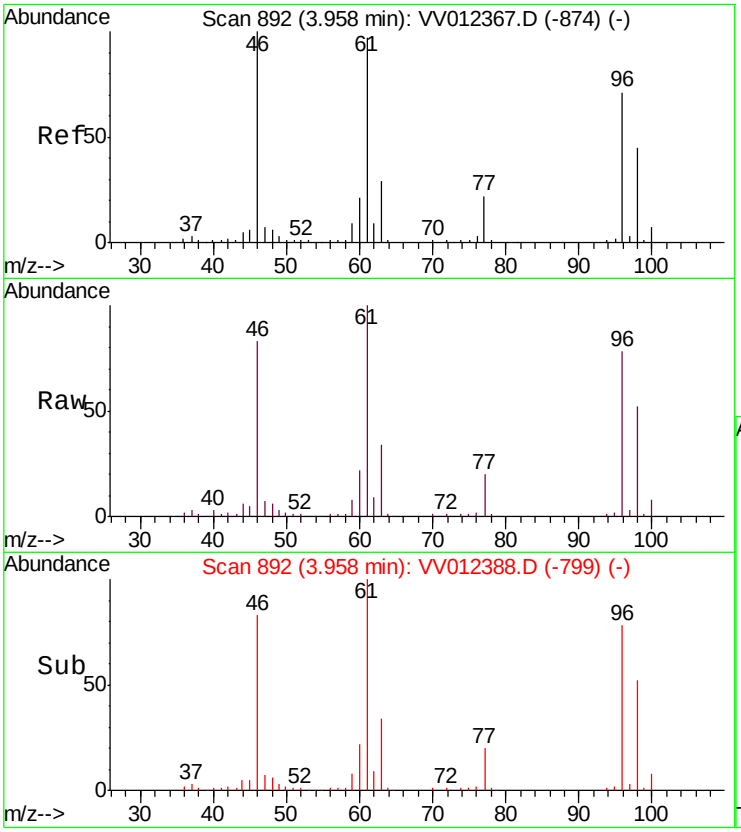


#18
trans-1,2-Dichloroethene
Concen: 0.413 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion: 96 Resp: 6738

Ion	Ratio	Lower	Upper
96	100		
61	139.5	96.0	178.4
98	61.6	42.1	78.3



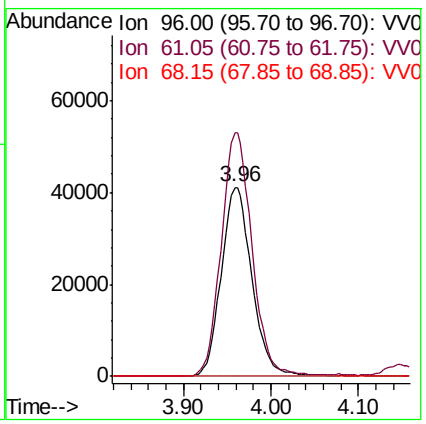


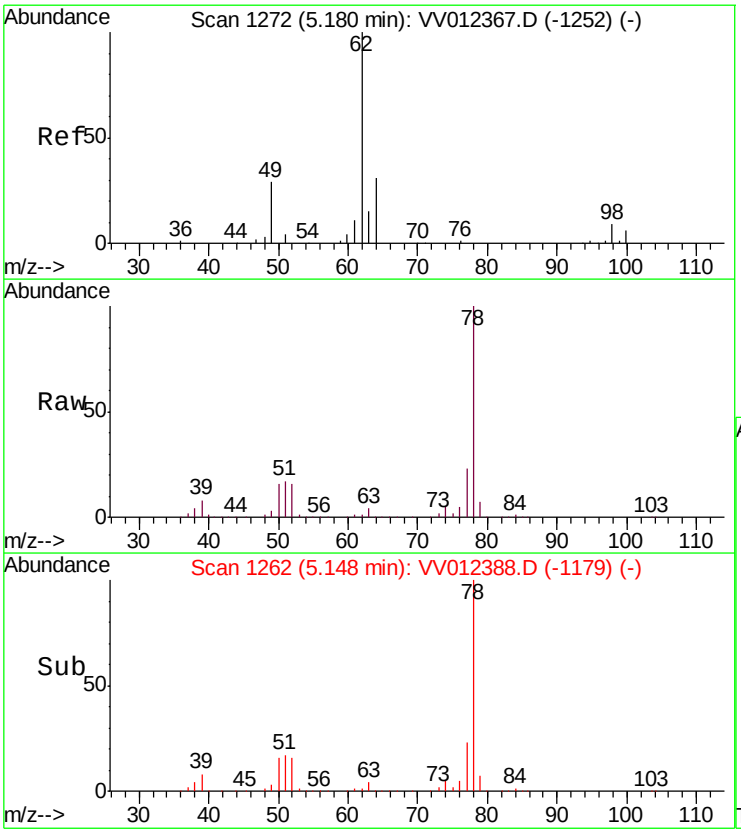
#22
cis-1,2-Dichloroethene
Concen: 5.628 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
GANJ9MSD

Tgt Ion: 96 Resp: 100084

Ion	Ratio	Lower	Upper
96	100		
61	129.0	89.4	166.0
68	0.0	0.0	0.0

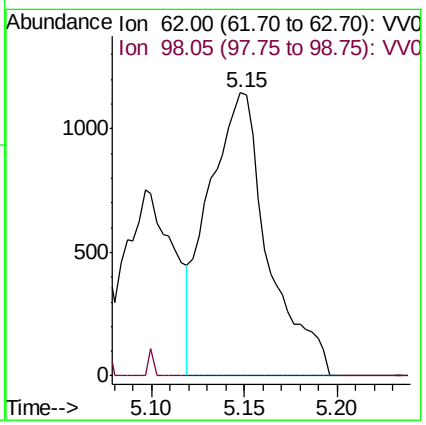


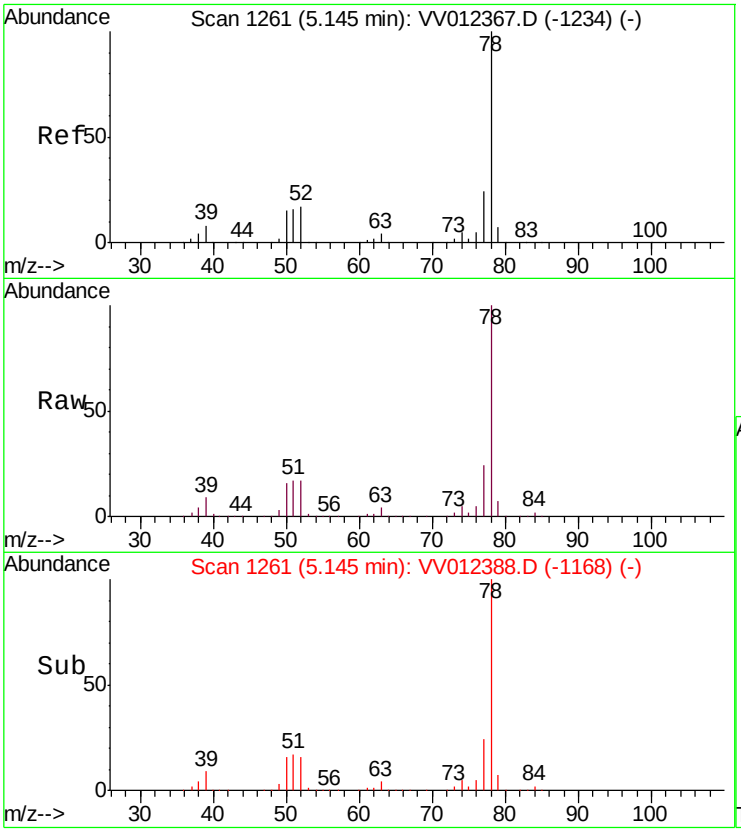


#27
1,2-Dichloroethane
Concen: 0.143 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.03 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion: 62 Resp: 2557

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

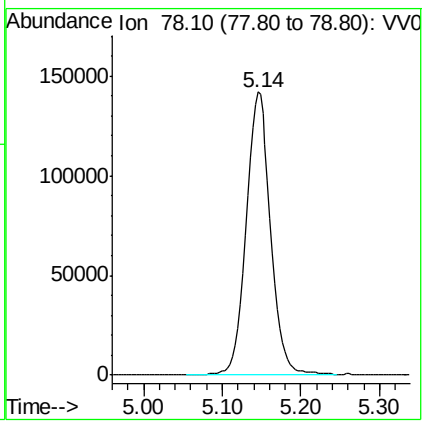


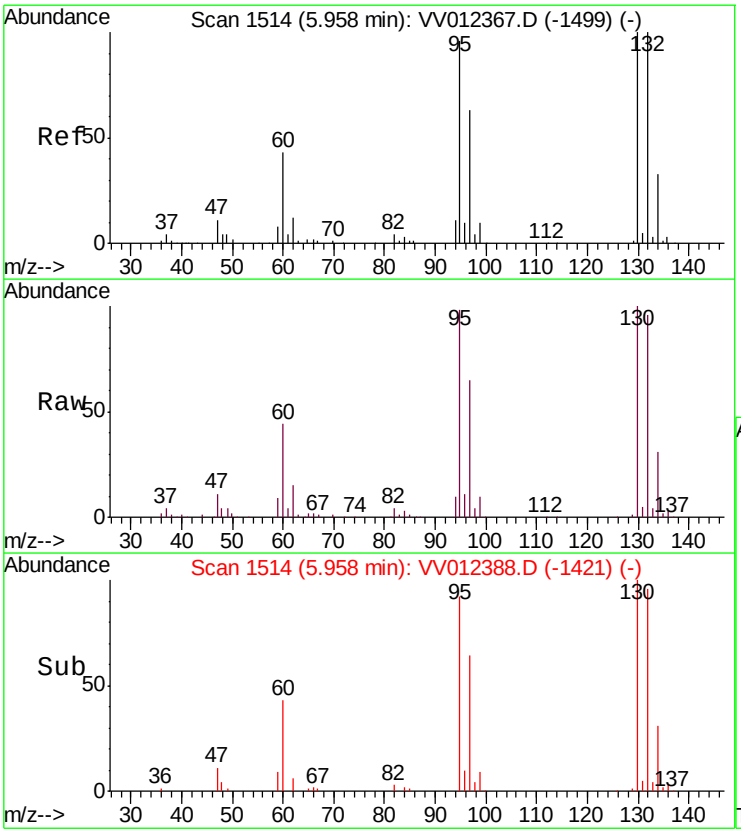


#33
Benzene
Concen: 4.685 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
GANJ9MSD

Tgt Ion: 78 Resp: 312816

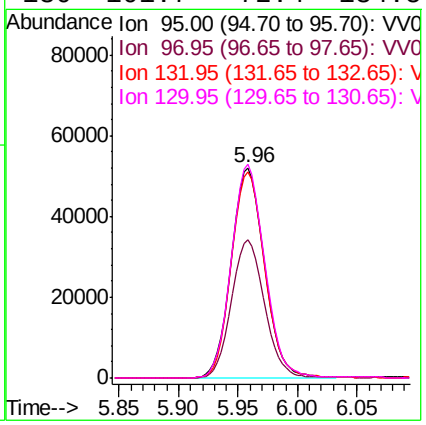


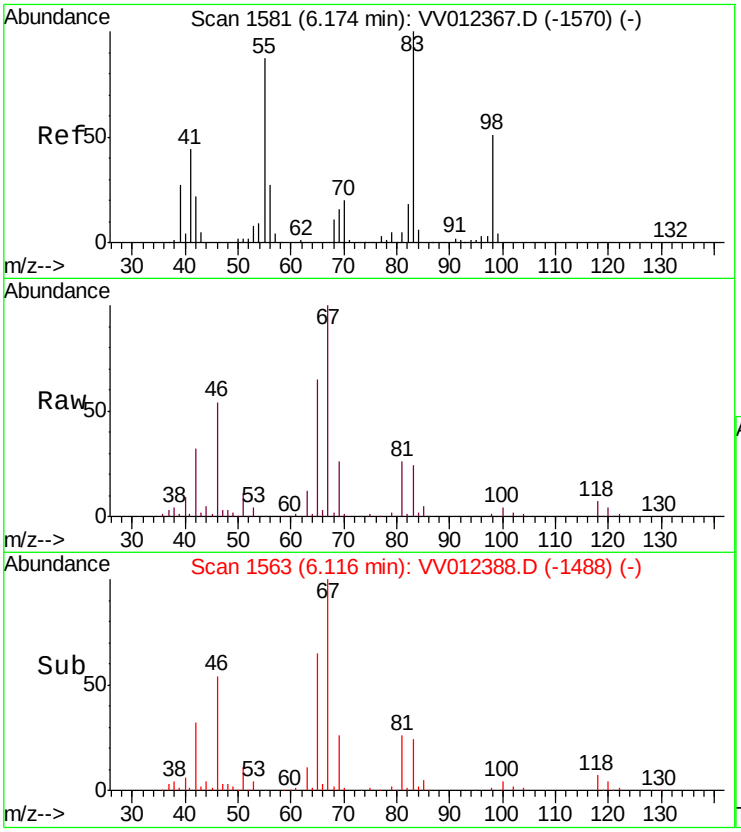


#34
Trichloroethene
Concen: 5.628 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion: 95 Resp: 101432

Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.3	86.1
132	98.0	70.3	130.7
130	101.7	72.4	134.5



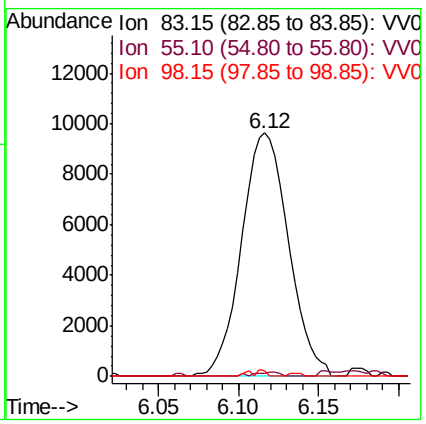


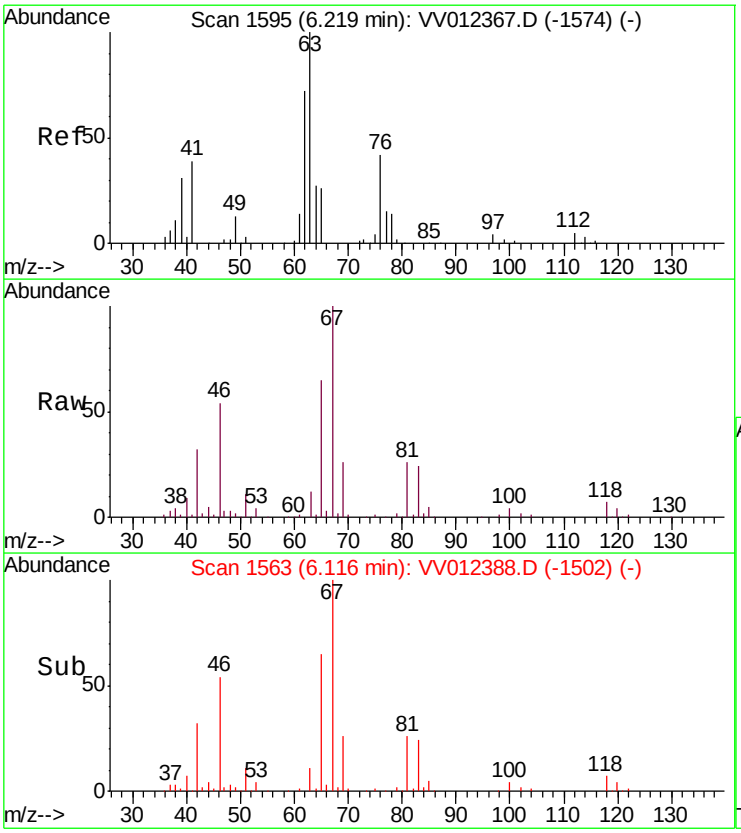
#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
GANJ9MSD

Tgt Ion: 83 Resp: 19445

Ion	Ratio	Lower	Upper
83	100		
55	0.9	64.6	97.0#
98	0.0	39.0	58.4#

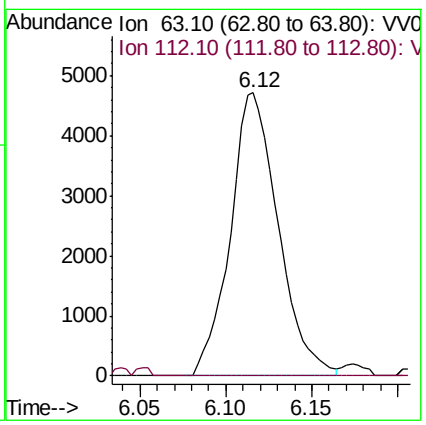


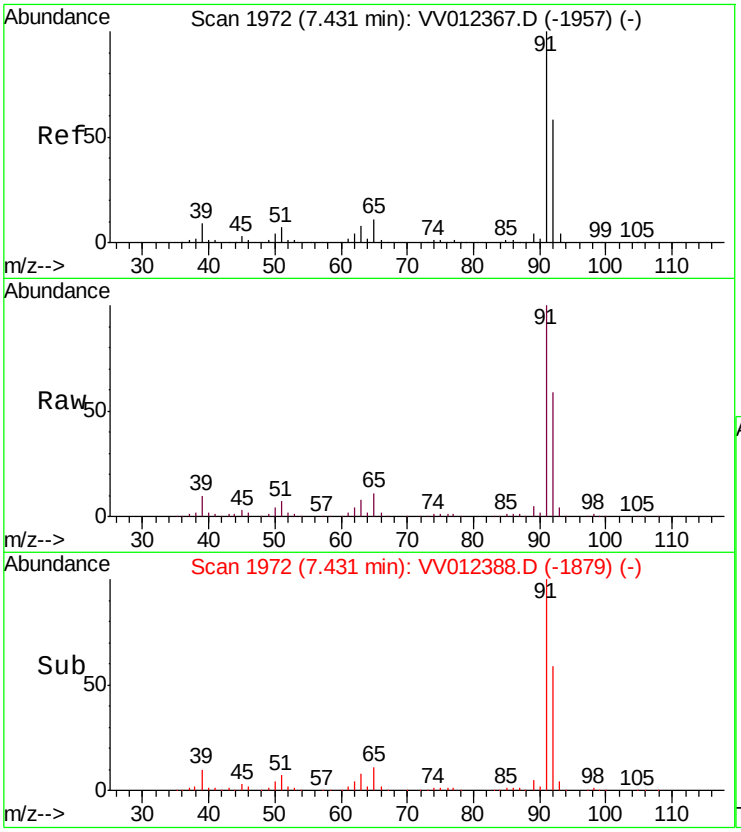


#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion: 63 Resp: 9144

Ion	Ratio	Lower	Upper
63	100		
112	0.8	4.2	6.2#



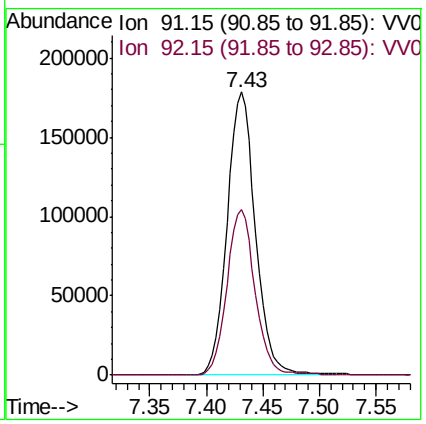


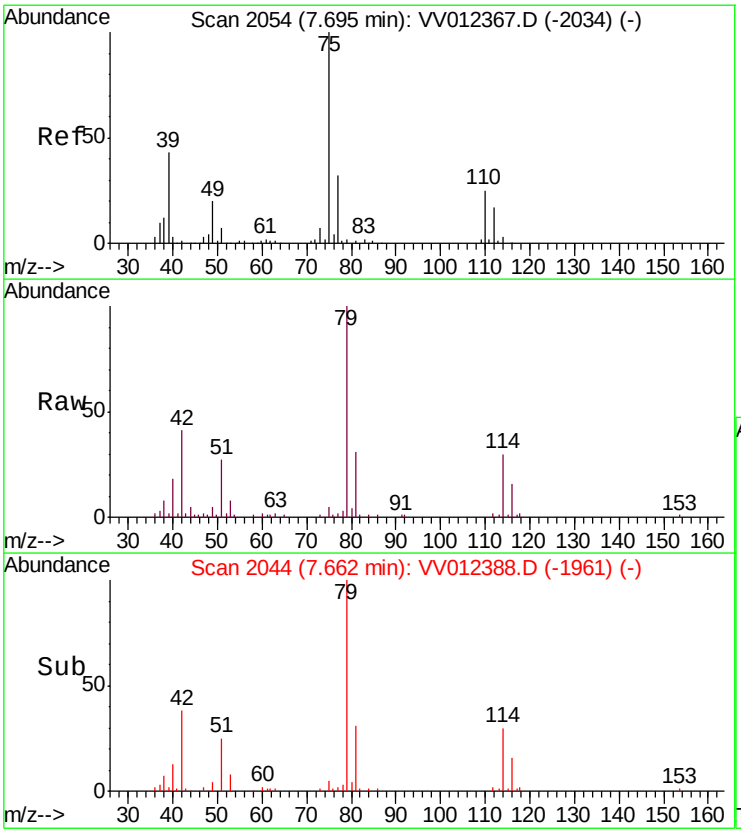
#42
Toluene
Concen: 4.556 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument : MSVOA_V
ClientSampleId : GANJ9MSD

Tgt Ion: 91 Resp: 310724

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.7	75.5

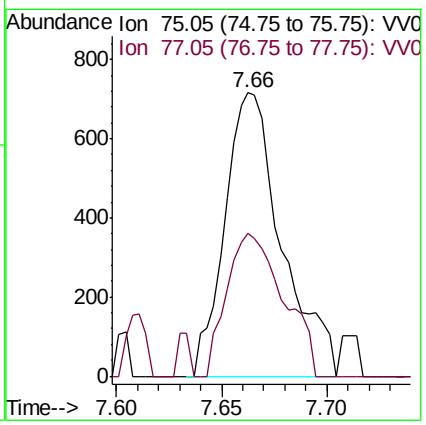


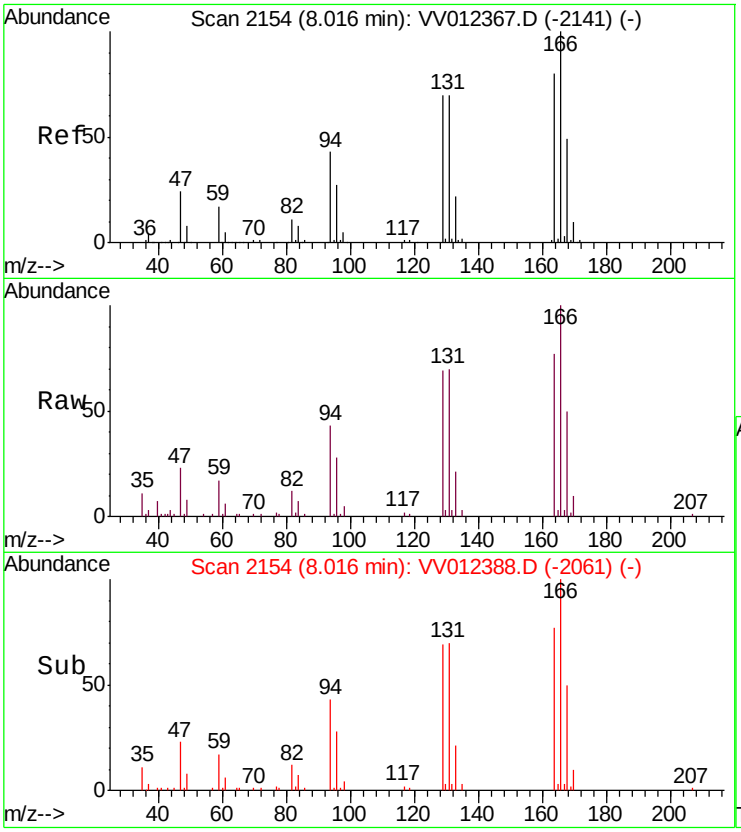


#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion: 75 Resp: 1339

Ion	Ratio	Lower	Upper
75	100		
77	50.3	22.6	42.0#



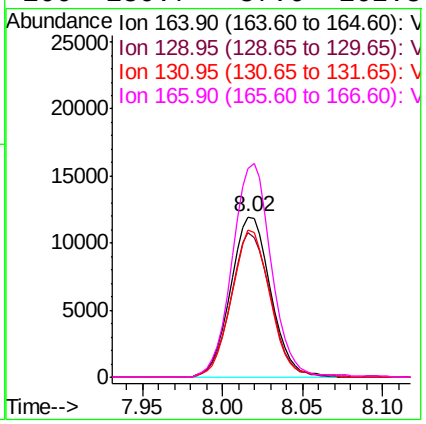


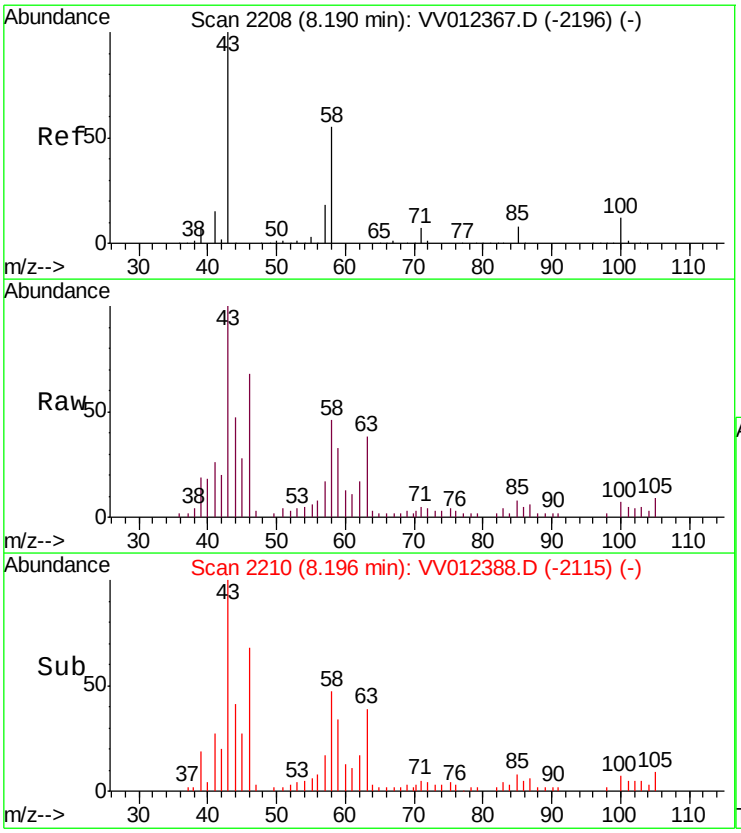
#47
Tetrachloroethene
Concen: 1.410 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
GANJ9MSD

Tgt Ion:164 Resp: 20506

Ion	Ratio	Lower	Upper
164	100		
129	90.2	60.6	112.6
131	92.0	58.8	109.2
166	130.7	87.6	162.8

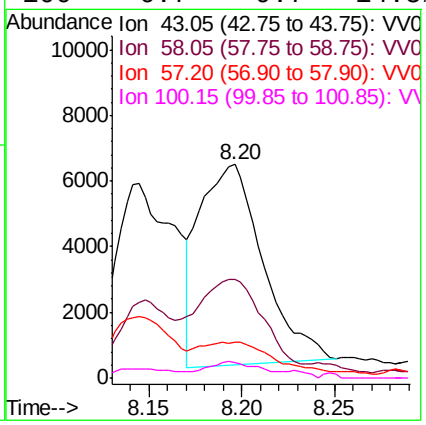


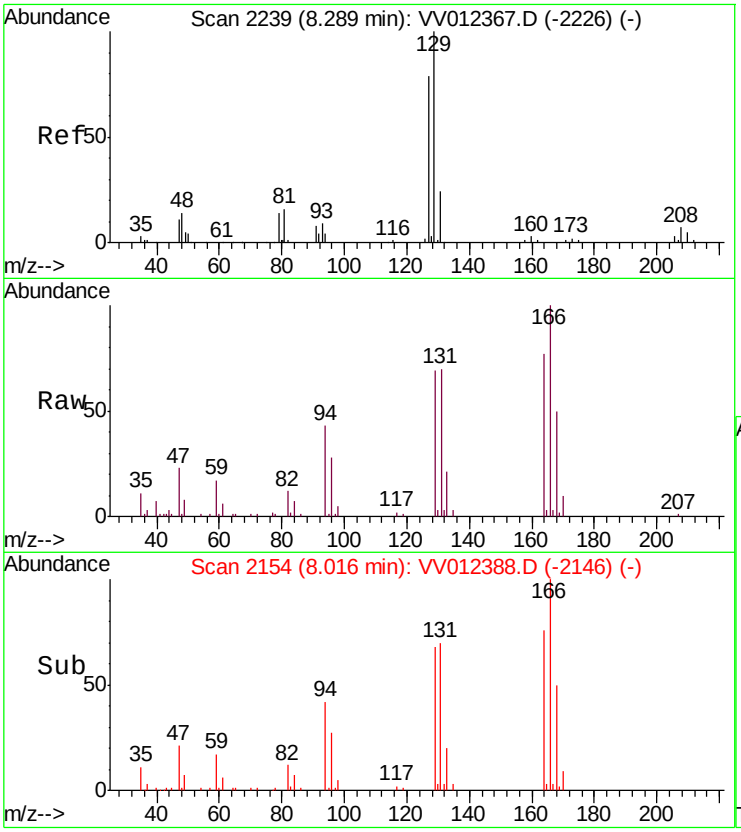


#48
2-Hexanone
Concen: 2.216 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion: 43 Resp: 14493

Ion	Ratio	Lower	Upper
43	100		
58	44.9	46.3	69.5#
57	20.0	14.9	22.3
100	6.7	9.7	14.5#



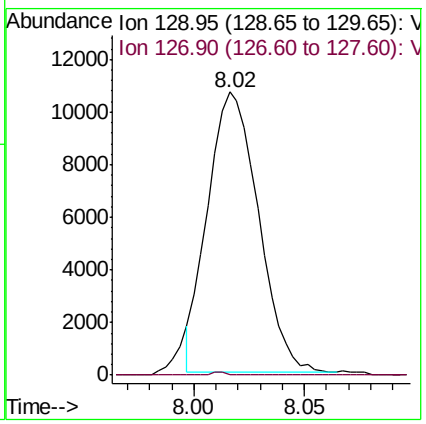


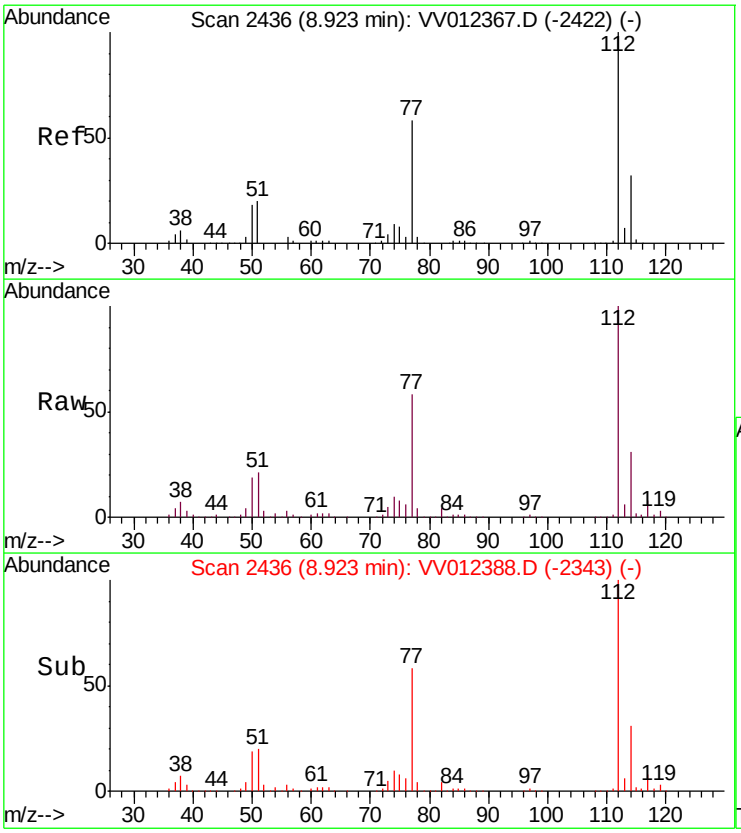
#49
Dibromochloromethane
Concen: 1.285 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Instrument :
MSVOA_V
ClientSampleId :
GANJ9MSD

Tgt Ion:129 Resp: 16876

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#51
Chlorobenzene
Concen: 4.828 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012388.D
Acq: 24 Aug 2019 02:26

Tgt Ion:112 Resp: 215143

Ion	Ratio	Lower	Upper
112	100		
114	31.5	23.0	42.6
77	57.7	46.4	69.6