Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\

Quantitation Report (Not Reviewed)

Data File : VV012468.D
Acq On : 30 Aug 2019 21:20
Operator : SY/MD
Sample : K4501-09
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GANM4

Quant Time: Aug 31 01:42:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213408	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	219420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	83962	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	68086	3.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.60%			
7) Chloroethane-d5	1.58	69	51756	3.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.20%			
11) 1,1-Dichloroethene-d2	2.13	63	86924	2.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.60%#			
20) 2-Butanone-d5	3.95	46	165609	42.72	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.44%			
24) Chloroform-d	4.40	84	134800	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
26) 1,2-Dichloroethane-d4	5.08	65	68514	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
32) Benzene-d6	5.10	84	250504	3.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.40%			
36) 1,2-Dichloropropane-d6	6.12	67	84541	4.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 81.20%			
41) Toluene-d8	7.36	98	204470	3.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.20%#			
43) trans-1,3-Dichloropropene-	7.67	79	27104	3.69	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.80%			
46) 2-Hexanone-d5	8.14	63	124880	43.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.46%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57539	3.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 78.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	74977	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			

Target Compounds						Qvalue
13) Acetone	2.20	43	4377	1.545	ug/L	80
17) Methyl tert-butyl Ether	2.81	73	3353	0.075	ug/L #	87
18) trans-1,2-Dichloroethene	2.79	96	2314	0.112	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	5871	0.271	ug/L	97
25) Chloroform	4.42	83	4784	0.113	ug/L	92
34) Trichloroethene	5.96	95	21800	0.942	ug/L	98
35) Methylcyclohexane	6.12	83	19186	0.545	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9748	0.412	ug/L #	87
45) 1,1,2-Trichloroethane	8.02	97	15827	1.007	ug/L #	1
47) Tetrachloroethene	8.02	164	1855012	100.127	ug/L	99
48) 2-Hexanone	8.19	43	5291	0.579	ug/L #	93
49) Dibromochloromethane	8.02	129	1648036	91.083	ug/L #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083019\

Quantitation Report (Not Reviewed)

Data File : VV012468.D
Acq On : 30 Aug 2019 21:20
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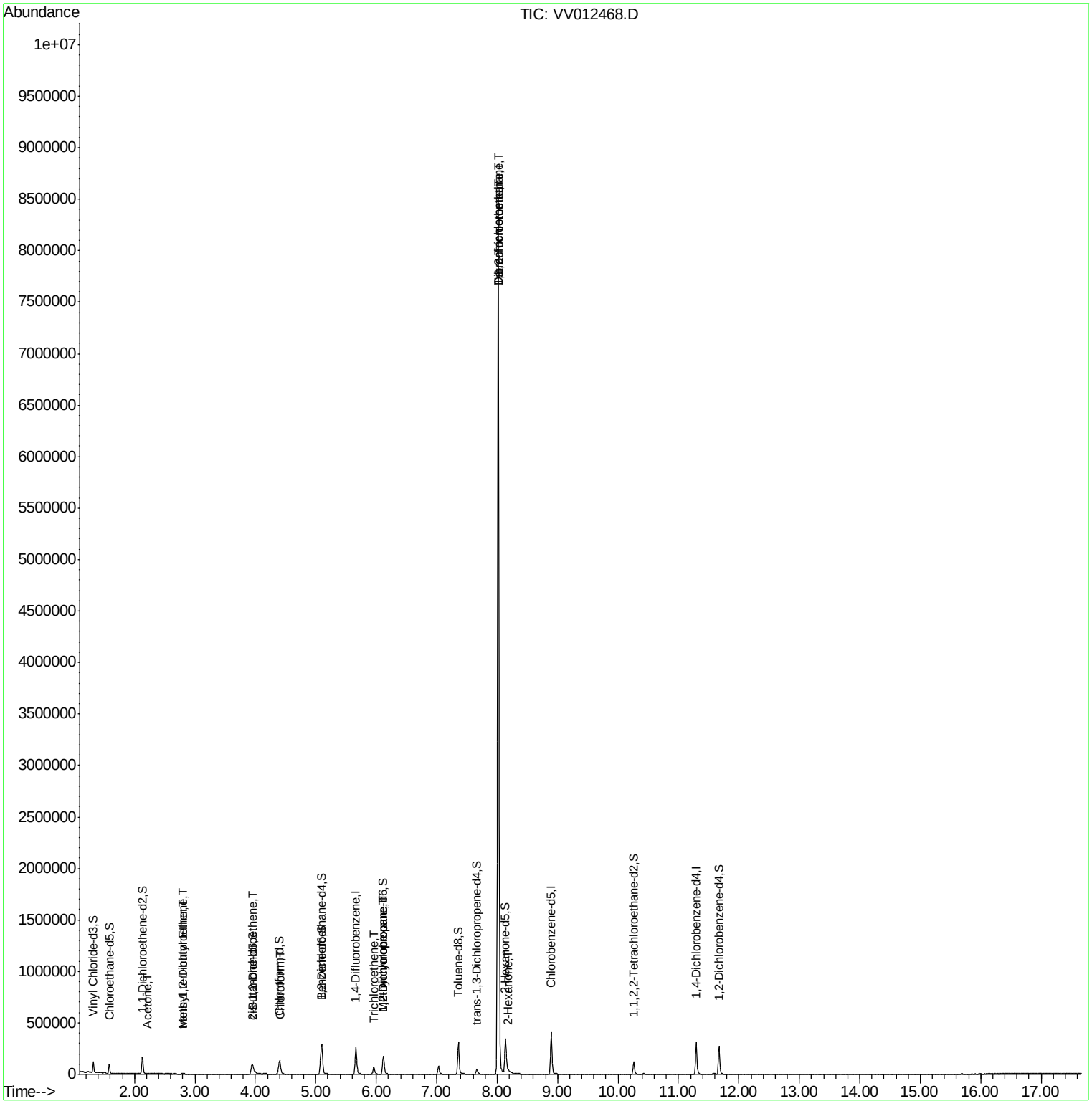
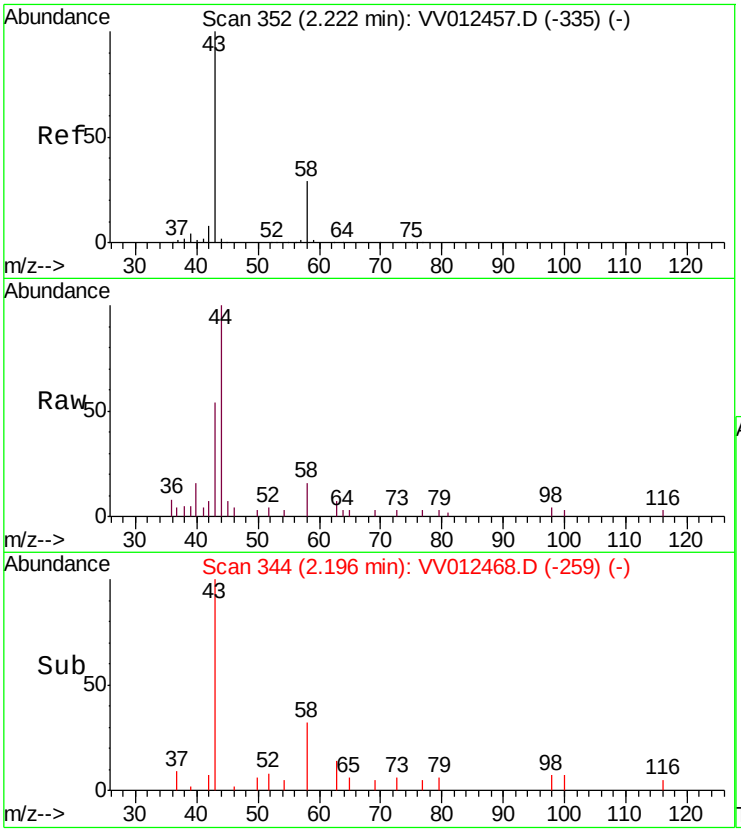
Instrument :
MSVOA_V
ClientSampleId :
GANM4

Quant Time: Aug 31 01:42:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration



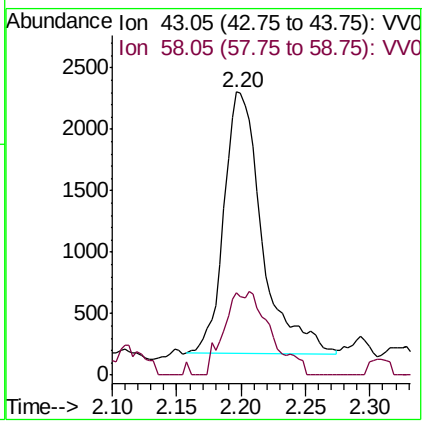


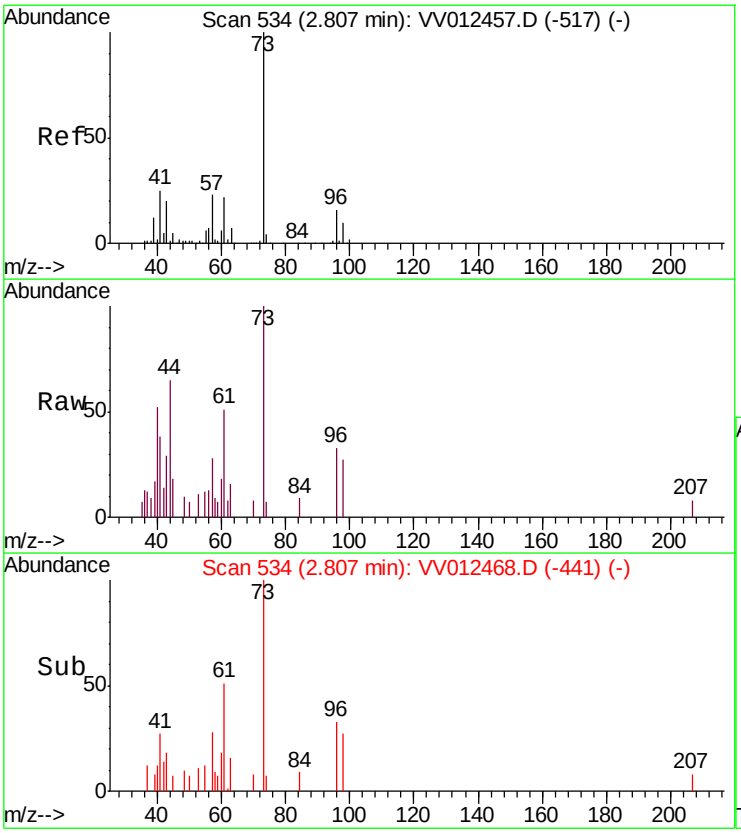
#13
Acetone
Concen: 1.545 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.03 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Instrument : MSVOA_V
ClientSampleId : GANM4

Tgt Ion: 43 Resp: 4377

Ion	Ratio	Lower	Upper
43	100		
58	38.7	0.0	56.8

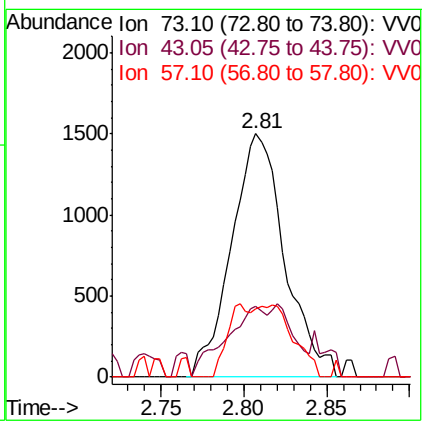


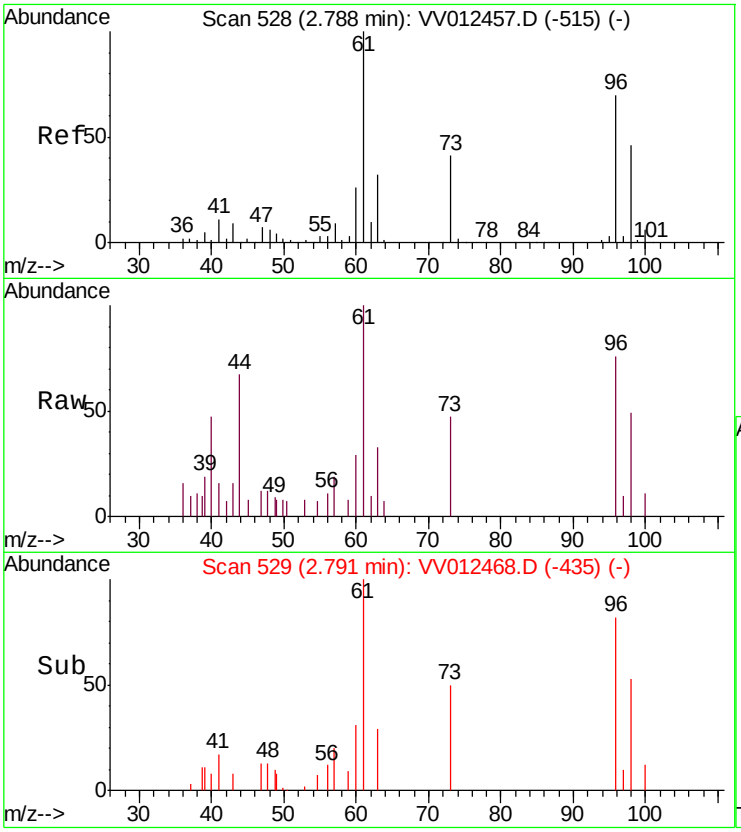


#17
Methyl tert-butyl Ether
Concen: 0.075 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.00 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Tgt Ion: 73 Resp: 3353

Ion	Ratio	Lower	Upper
73	100		
43	22.2	16.1	24.1
57	13.2	18.8	28.2#



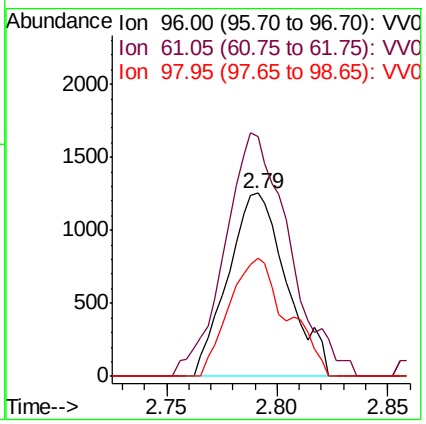


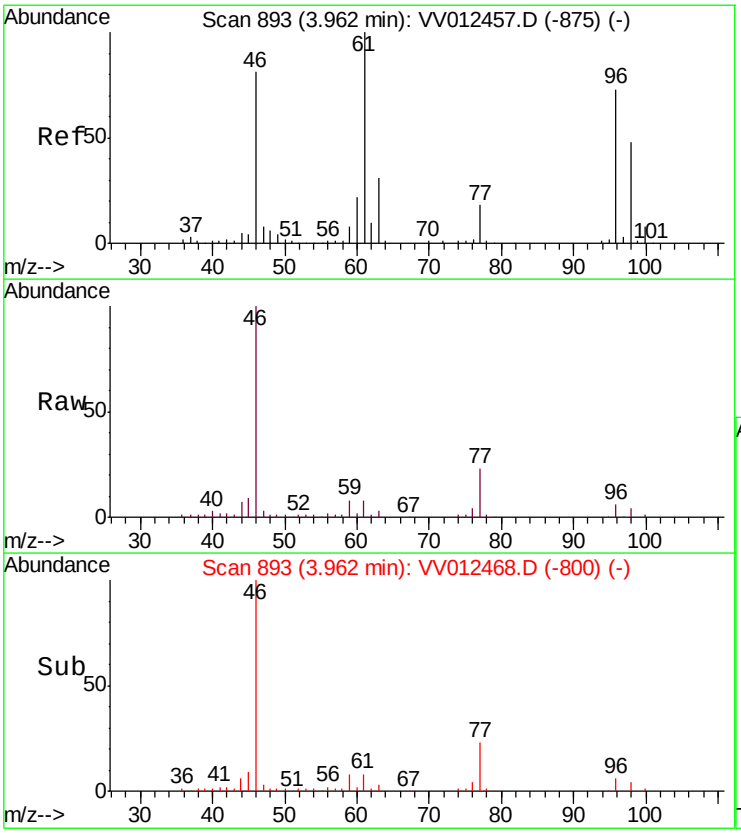
#18
trans-1,2-Dichloroethene
Concen: 0.112 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Instrument :
MSVOA_V
ClientSampleId :
GANM4

Tgt Ion: 96 Resp: 2314

Ion	Ratio	Lower	Upper
96	100		
61	130.9	101.2	188.0
98	64.6	44.1	81.9

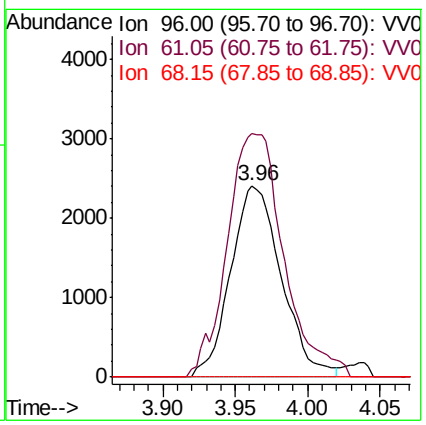


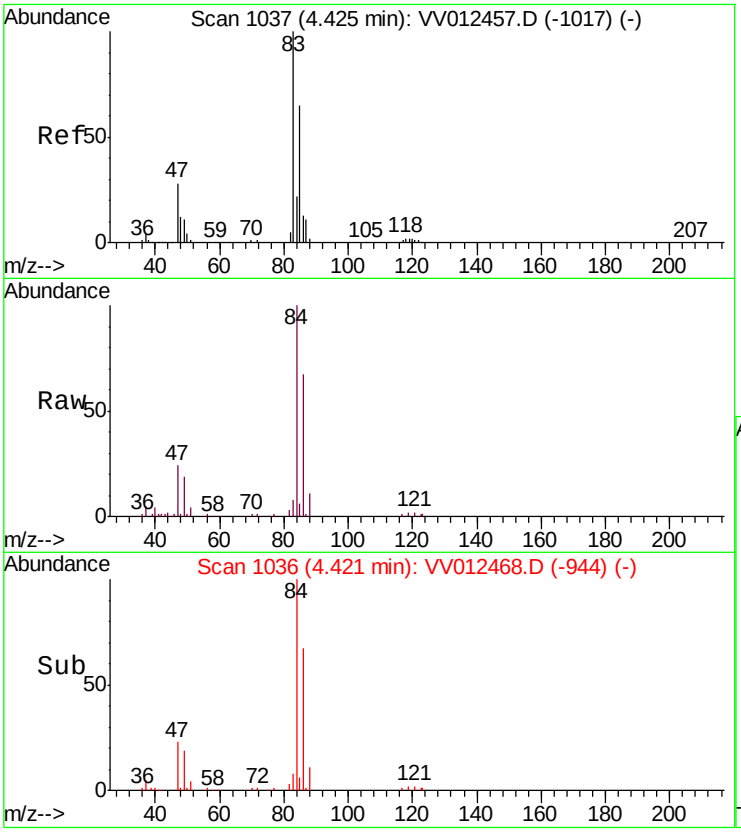


#22
cis-1,2-Dichloroethene
Concen: 0.271 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Tgt Ion: 96 Resp: 5871

Ion	Ratio	Lower	Upper
96	100		
61	127.2	91.5	169.9
68	0.0	0.0	0.0



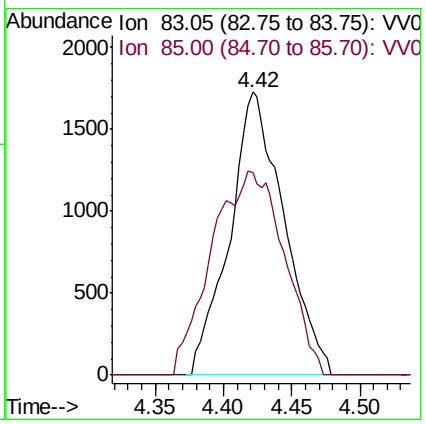


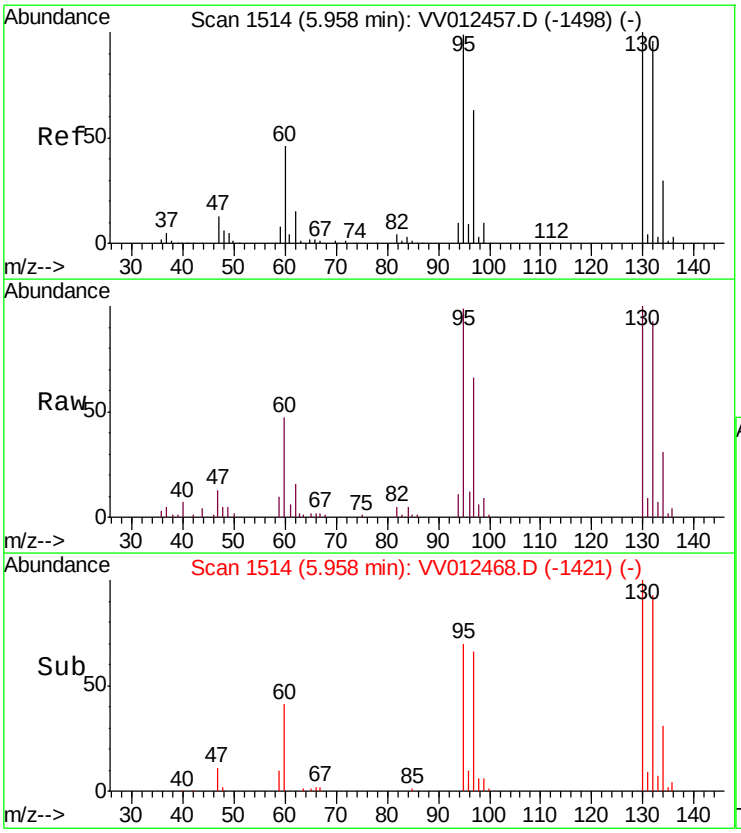
#25
Chloroform
Concen: 0.113 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Instrument : MSVOA_V
ClientSampleId : GANM4

Tgt Ion: 83 Resp: 4784

Ion	Ratio	Lower	Upper
83	100		
85	71.6	45.4	84.4

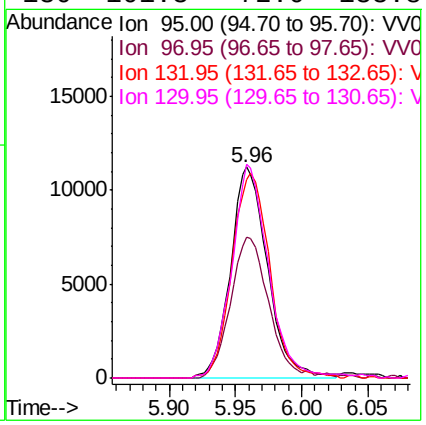


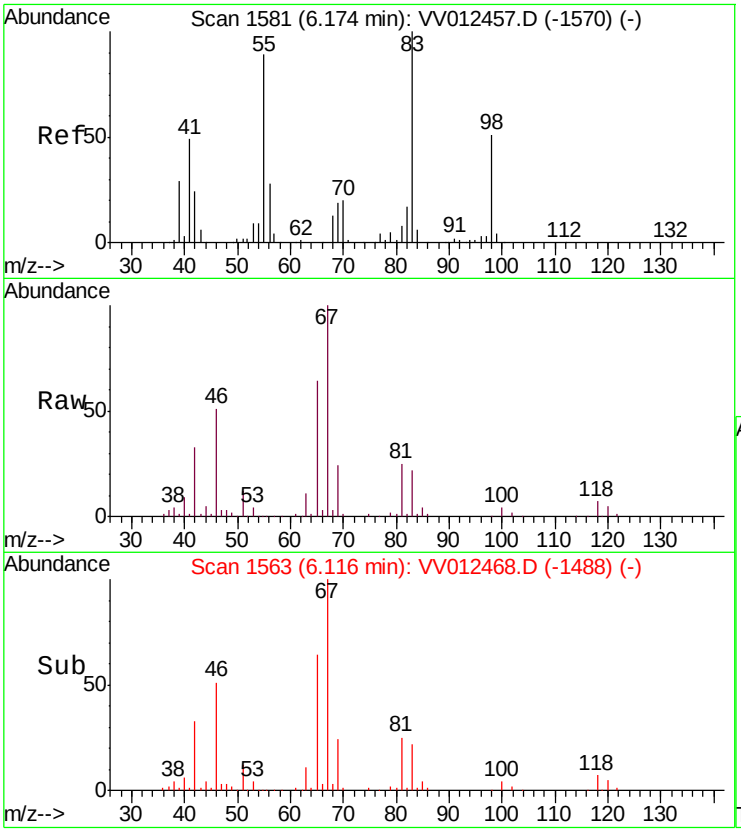


#34
Trichloroethene
Concen: 0.942 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Tgt Ion: 95 Resp: 21800

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.8	85.2
132	94.3	68.3	126.9
130	101.3	72.0	133.8



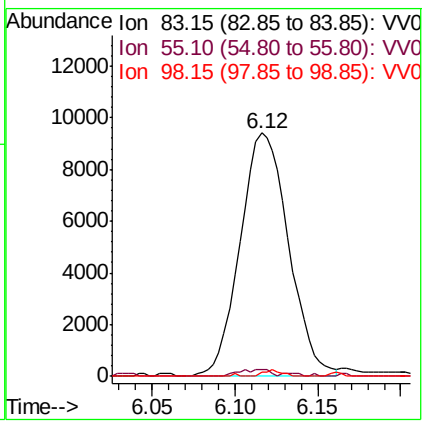


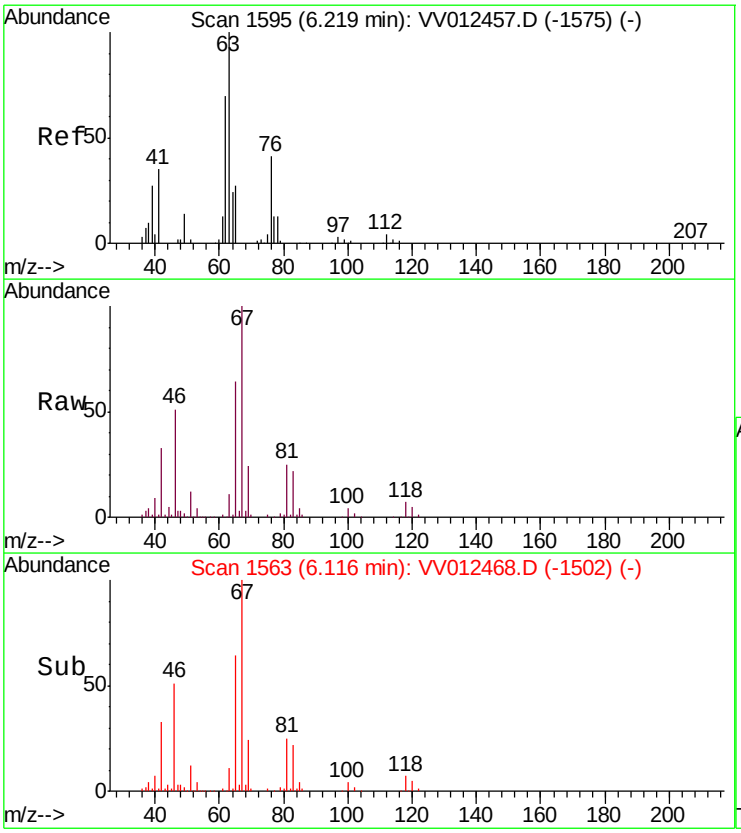
#35
Methylcyclohexane
Concen: 0.545 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Instrument :
MSVOA_V
ClientSampleId :
GANM4

Tgt Ion: 83 Resp: 19186

Ion	Ratio	Lower	Upper
83	100		
55	1.7	67.8	101.6#
98	1.0	39.2	58.8#

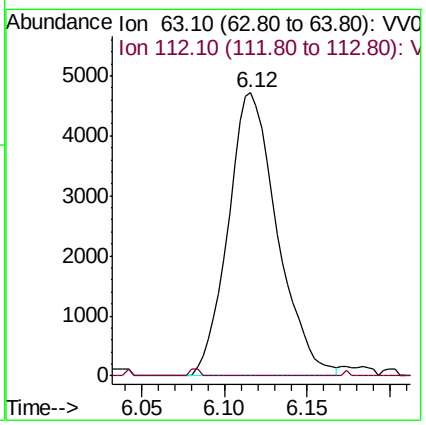


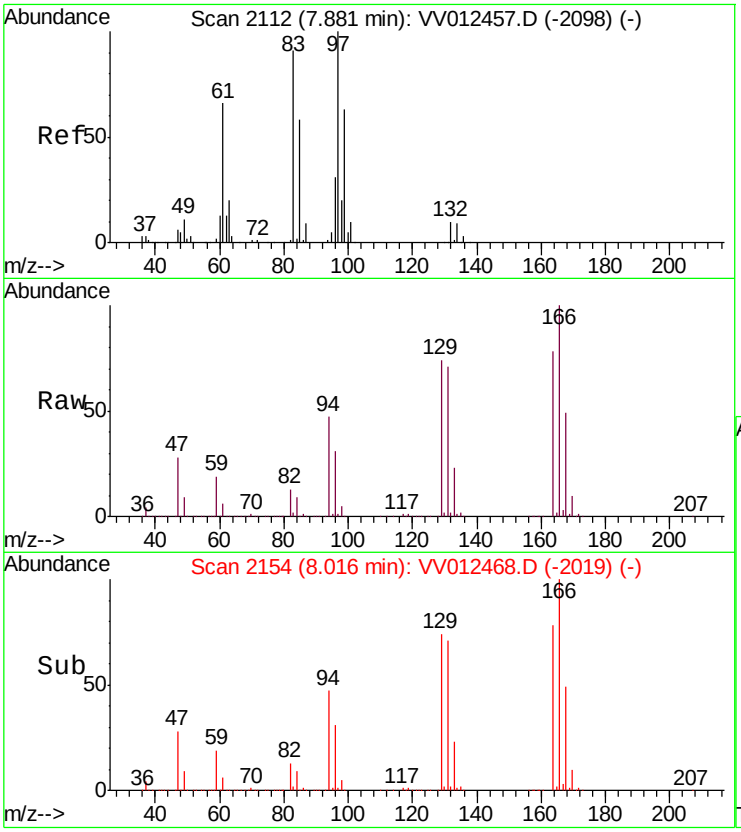


#37
1,2-Dichloropropane
Concen: 0.412 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Tgt Ion: 63 Resp: 9748

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.7	5.5#



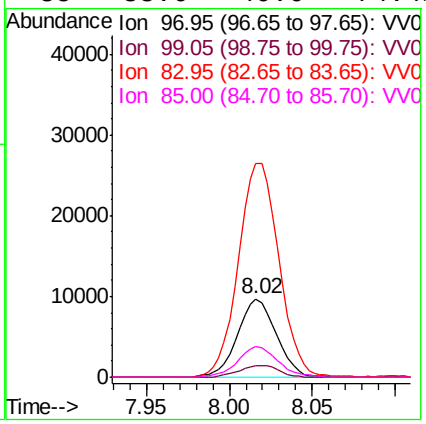


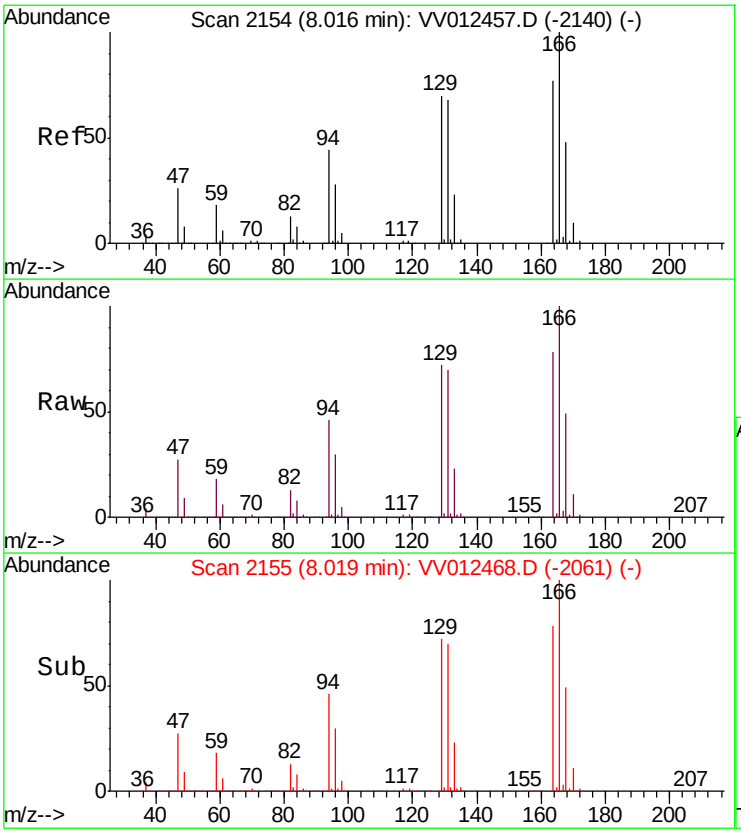
#45
1,1,2-Trichloroethane
Concen: 1.007 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.14 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Instrument : MSVOA_V
ClientSampleId : GANM4

Tgt Ion: 97 Resp: 15827

Ion	Ratio	Lower	Upper
97	100		
99	14.1	43.3	80.3#
83	272.9	61.2	113.6#
85	38.6	40.0	74.4#

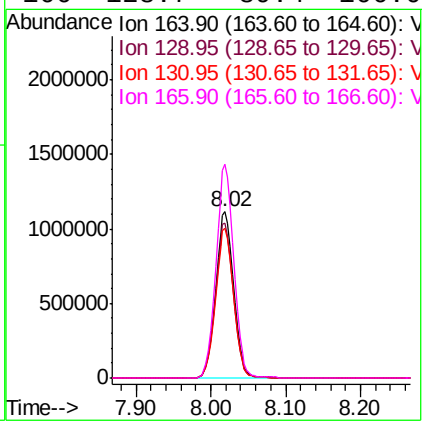


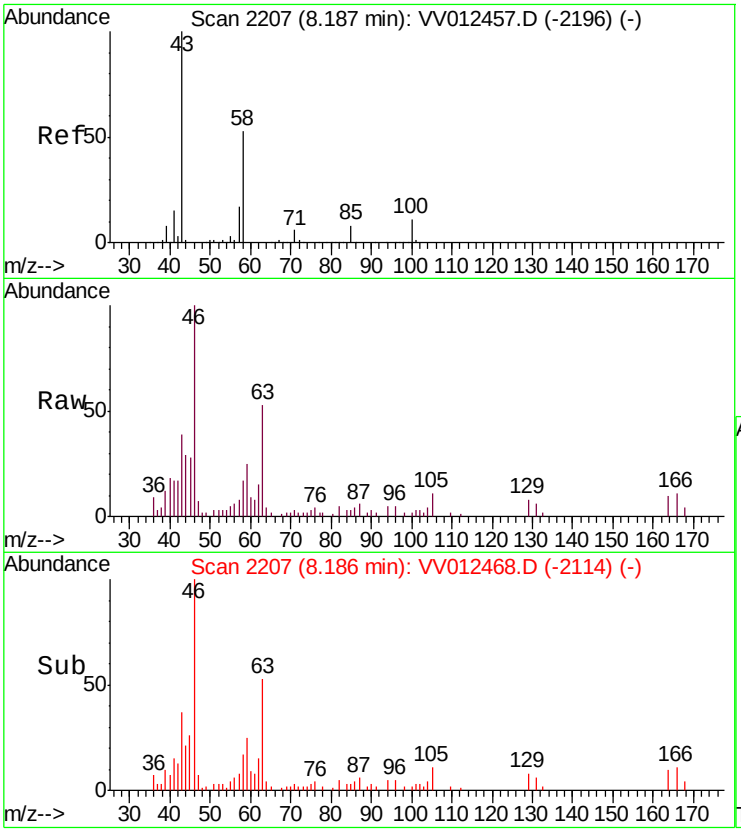


#47
Tetrachloroethene
Concen: 100.127 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Tgt Ion:164 Resp: 1855012

Ion	Ratio	Lower	Upper
164	100		
129	93.3	65.6	121.8
131	90.3	63.3	117.5
166	128.7	89.4	166.0



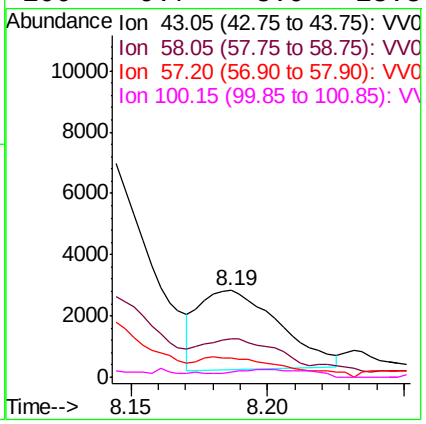


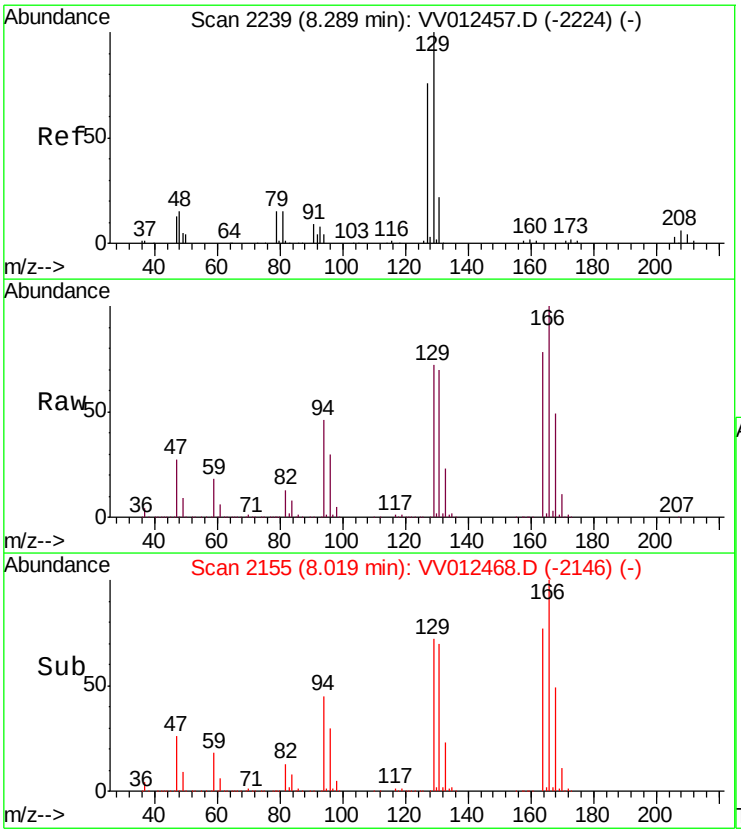
#48
2-Hexanone
Concen: 0.579 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Instrument : MSVOA_V
ClientSampleId : GANM4

Tgt Ion: 43 Resp: 5291

Ion	Ratio	Lower	Upper
43	100		
58	57.0	43.6	65.4
57	27.3	14.2	21.2#
100	9.7	8.9	13.3





#49
Dibromochloromethane
Concen: 91.083 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012468.D
Acq: 30 Aug 2019 21:20

Tgt Ion:129 Resp: 1648036

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.6	99.6#