Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013829.D
Acq On : 27 Nov 2019 18:16
Operator : SY/MD
Sample : K6003-08DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 28 03:10:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	343959	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	343238	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162947	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72676	3.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.20%			
7) Chloroethane-d5	1.58	69	74389	4.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.20%			
11) 1,1-Dichloroethene-d2	2.13	63	113096	3.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.20%			
20) 2-Butanone-d5	3.95	46	274955	62.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 124.26%			
24) Chloroform-d	4.40	84	191272	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
26) 1,2-Dichloroethane-d4	5.08	65	101524	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
32) Benzene-d6	5.10	84	354761	4.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.20%			
36) 1,2-Dichloropropane-d6	6.11	67	116190	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.00%			
41) Toluene-d8	7.36	98	285269	3.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 68.60%#			
43) trans-1,3-Dichloropropene-	7.66	79	39162	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.13	63	201120	53.08	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.16%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	97372	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	135806	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
3) Chloromethane	1.23	50	7085	0.352	ug/L #	53
8) Chloroethane	1.78	64	3342	0.270	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1622	0.086	ug/L #	37
12) 1,1-Dichloroethene	2.14	96	19252	1.164	ug/L #	51
13) Acetone	2.22	43	10516	3.398	ug/L	81
14) Carbon disulfide	2.32	76	10328	0.271	ug/L #	86
16) Methylene chloride	2.53	84	5402	0.238	ug/L	93
19) 1,1-Dichloroethane	3.23	63	25764	0.691	ug/L	93
21) 2-Butanone	4.05	43	4463	0.954	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	5872	0.268	ug/L	93
27) 1,2-Dichloroethane	5.09	62	2229	0.099	ug/L	100
34) Trichloroethene	5.95	95	162997	7.018	ug/L	98
35) Methylcyclohexane	6.11	83	28604	0.923	ug/L #	20
48) 2-Hexanone	8.19	43	11447	1.270	ug/L #	97
63) 1,4-Dichlorobenzene	11.31	146	3229	0.067	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.69	180	3007	0.075	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	3149	0.096	ug/L #	93

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013829.D
Acq On : 27 Nov 2019 18:16
Operator : SY/MD
Sample : K6003-08DL 20X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Nov 28 03:10:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) Naphthalene	13.55	128	9828	0.220	ug/L	97
70) 1,2,3-Trichlorobenzene	13.79	180	3440	0.115	ug/L	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
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Instrument :
MSVOA_V
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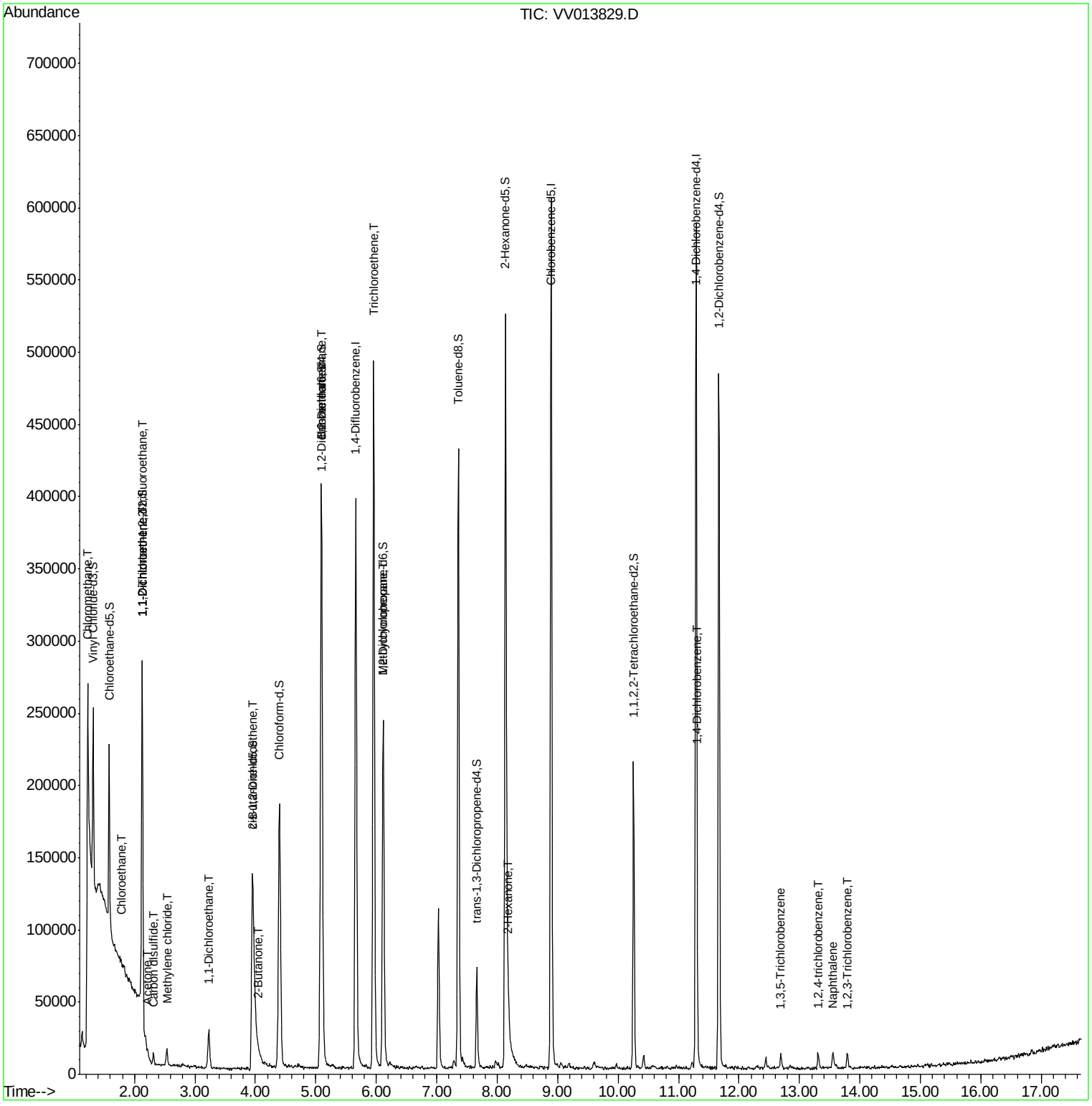
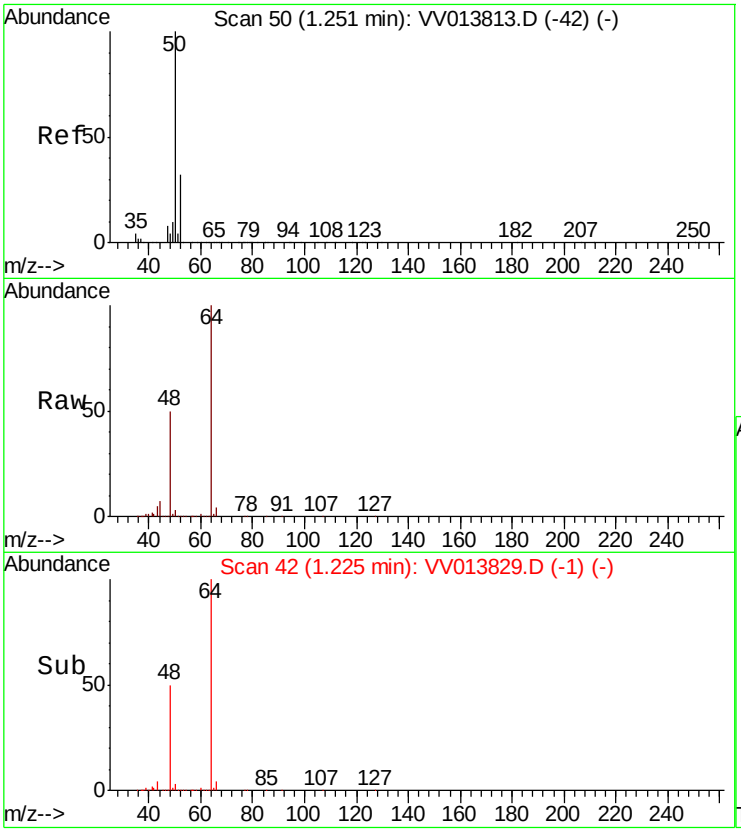
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration



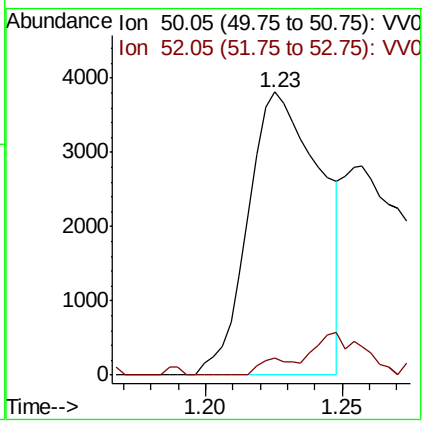


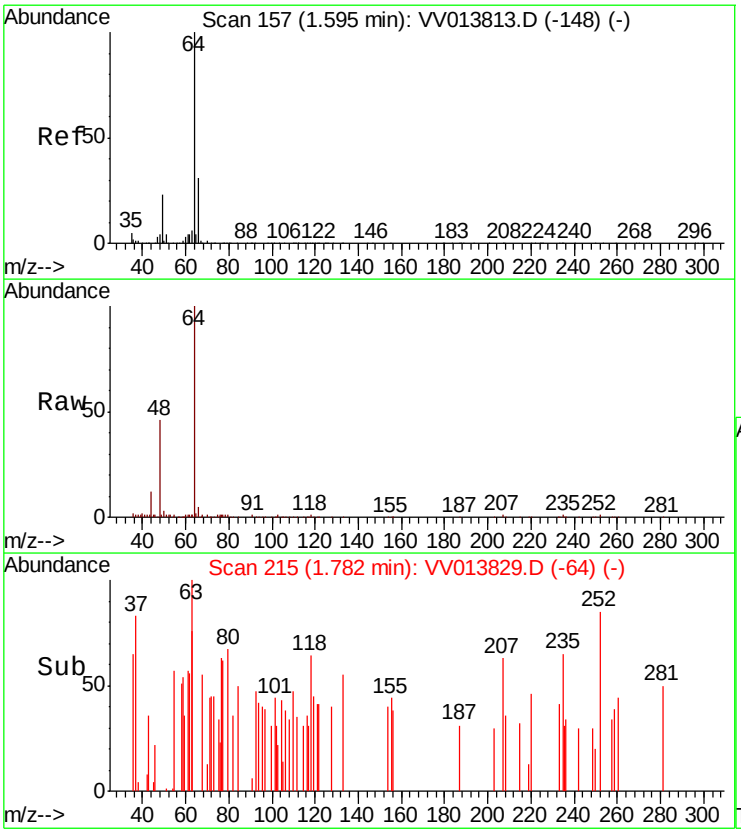
#3
Chloromethane
Concen: 0.352 ug/L
RT: 1.23 min Scan# 42
Delta R.T. -0.03 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 50 Resp: 7085

Ion	Ratio	Lower	Upper
50	100		
52	6.0	22.5	41.7#

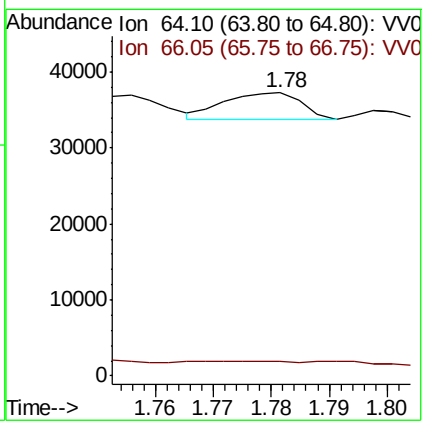


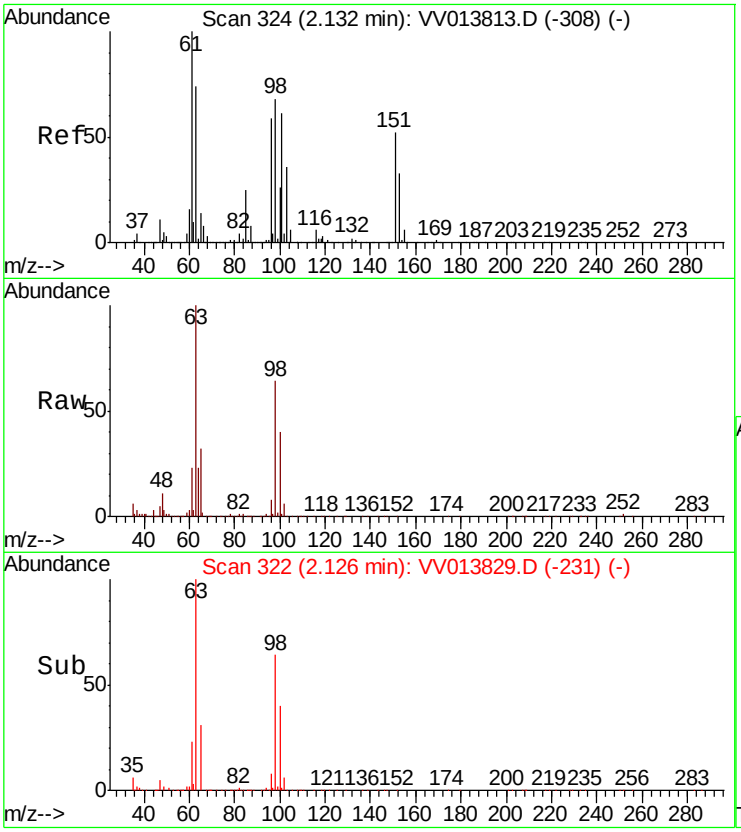


#8
Chloroethane
Concen: 0.270 ug/L
RT: 1.78 min Scan# 215
Delta R.T. 0.19 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion: 64 Resp: 3342

Ion	Ratio	Lower	Upper
64	100		
66	4.9	22.6	42.0#



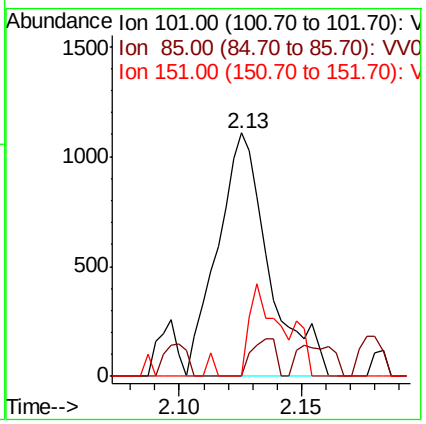


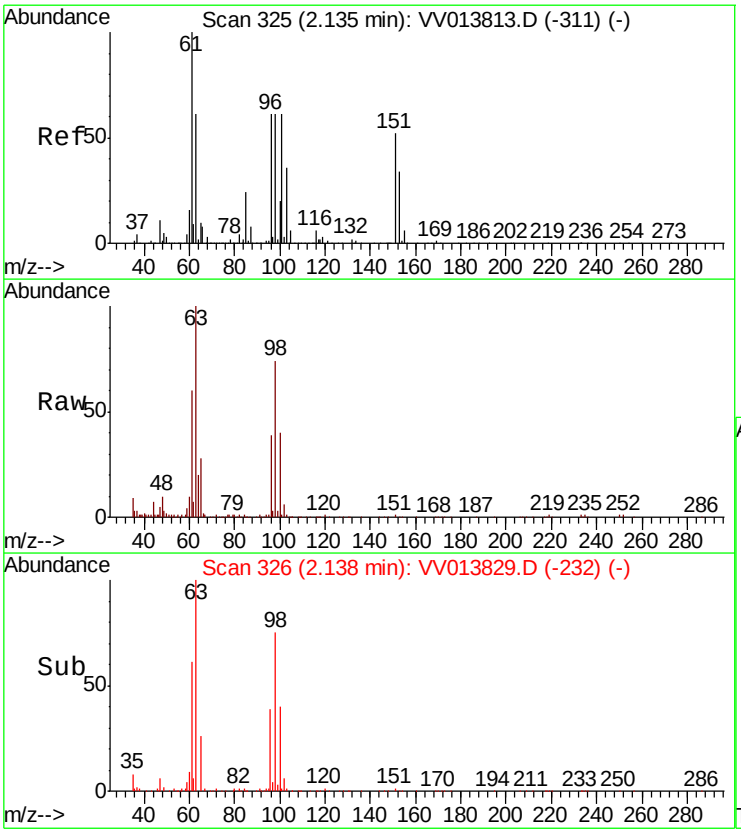
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.086 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1622

Ion	Ratio	Lower	Upper
101	100		
85	7.0	33.4	50.0#
151	24.8	69.4	104.0#

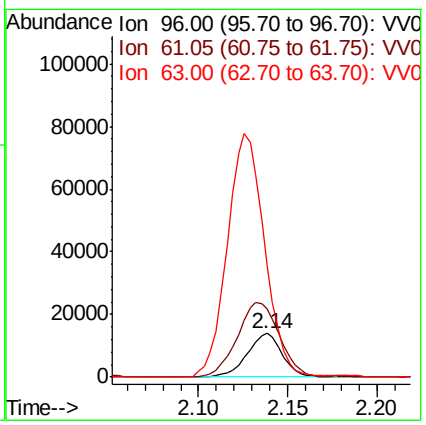


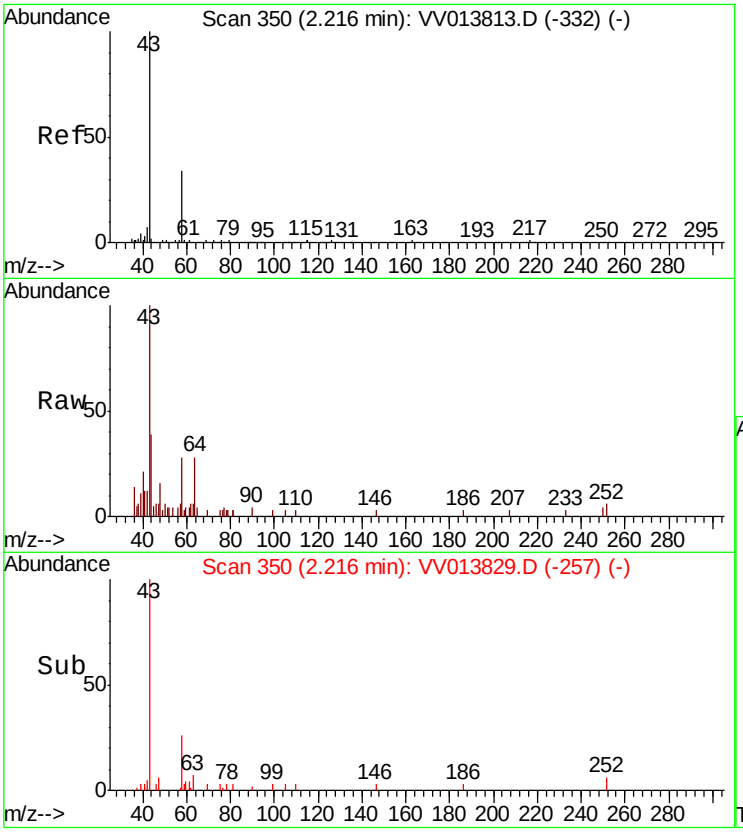


#12
1,1-Dichloroethene
Concen: 1.164 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion: 96 Resp: 19252

Ion	Ratio	Lower	Upper
96	100		
61	154.9	116.3	215.9
63	256.2	96.7	179.7#



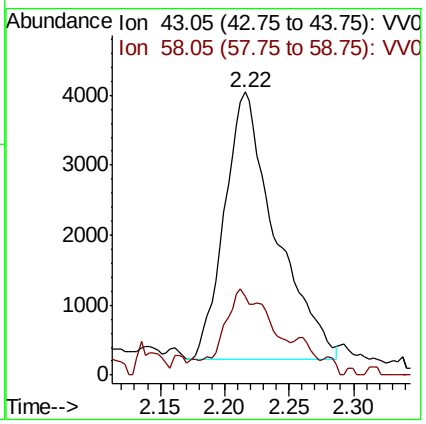


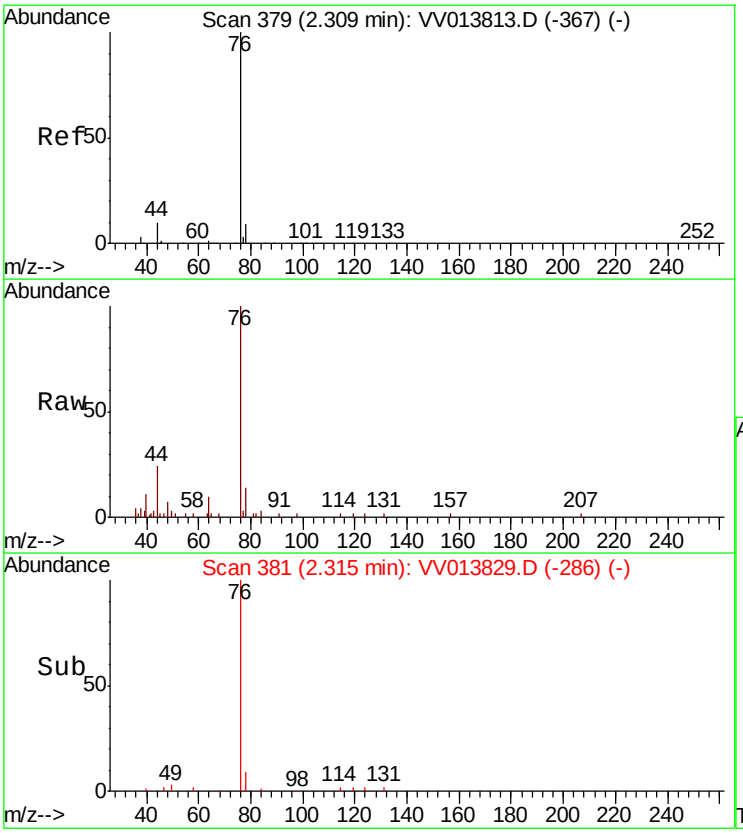
#13
Acetone
Concen: 3.398 ug/L
RT: 2.22 min Scan# 350
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 10516

Ion	Ratio	Lower	Upper
43	100		
58	21.1	0.0	27.2

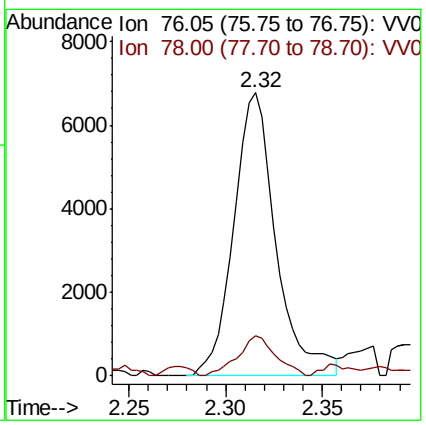


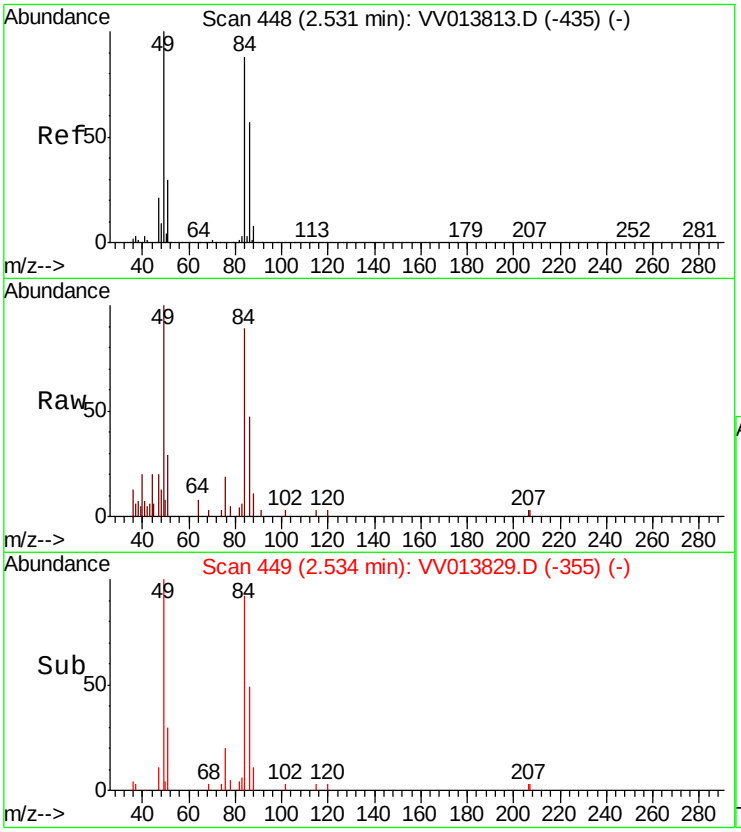


#14
Carbon disulfide
Concen: 0.271 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion: 76 Resp: 10328

Ion	Ratio	Lower	Upper
76	100		
78	14.4	7.5	11.3#



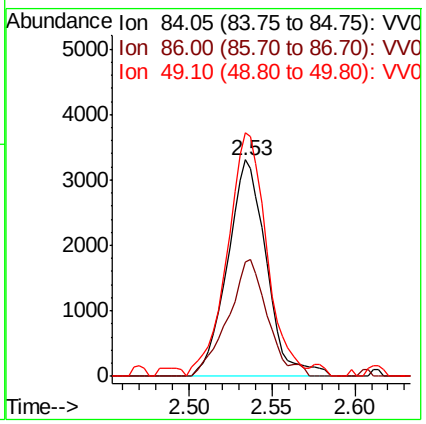


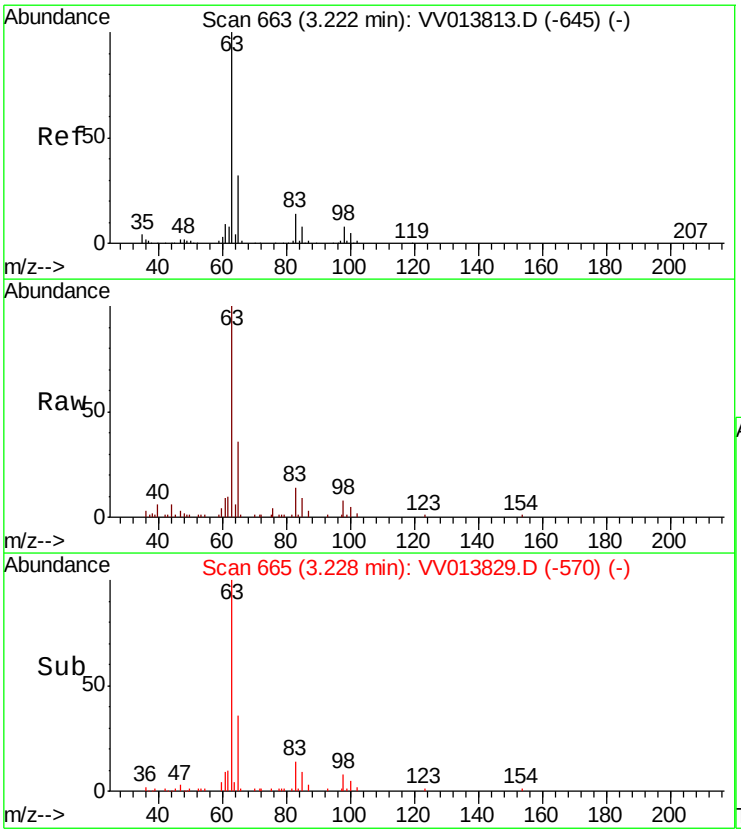
#16
Methylene chloride
Concen: 0.238 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 5402

Ion	Ratio	Lower	Upper
84	100		
86	53.0	44.0	81.6
49	112.5	81.5	151.5

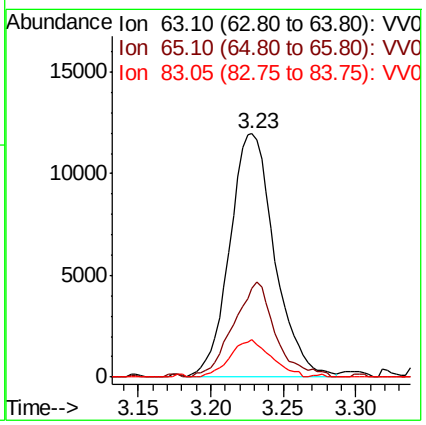


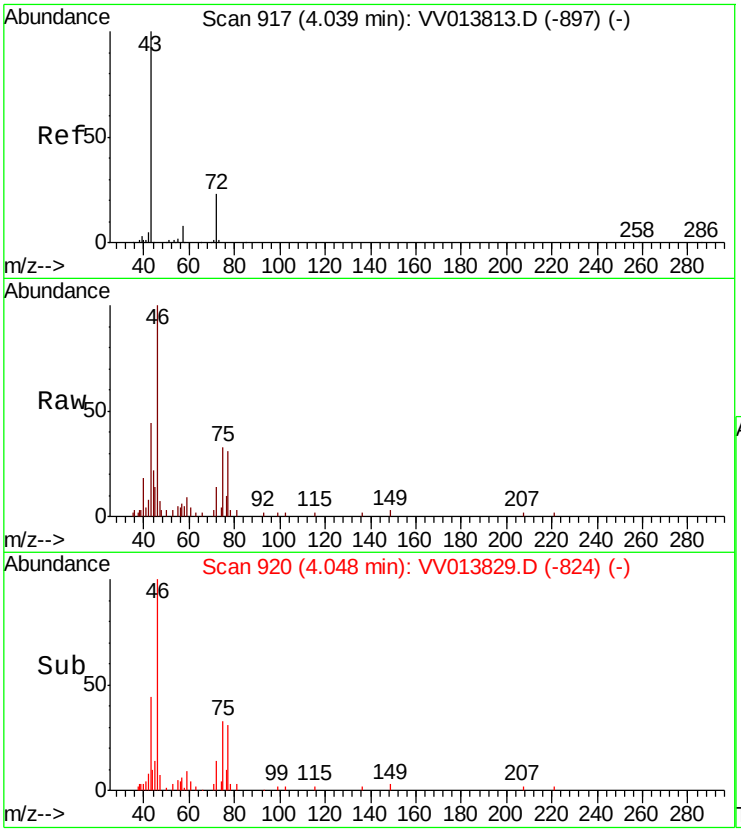


#19
1,1-Dichloroethane
Concen: 0.691 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion: 63 Resp: 25764

Ion	Ratio	Lower	Upper
63	100		
65	36.4	22.7	42.1
83	15.5	9.2	17.2



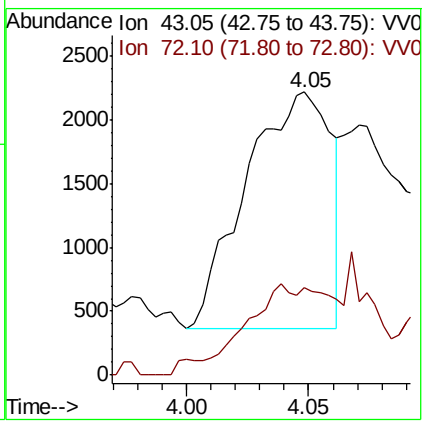


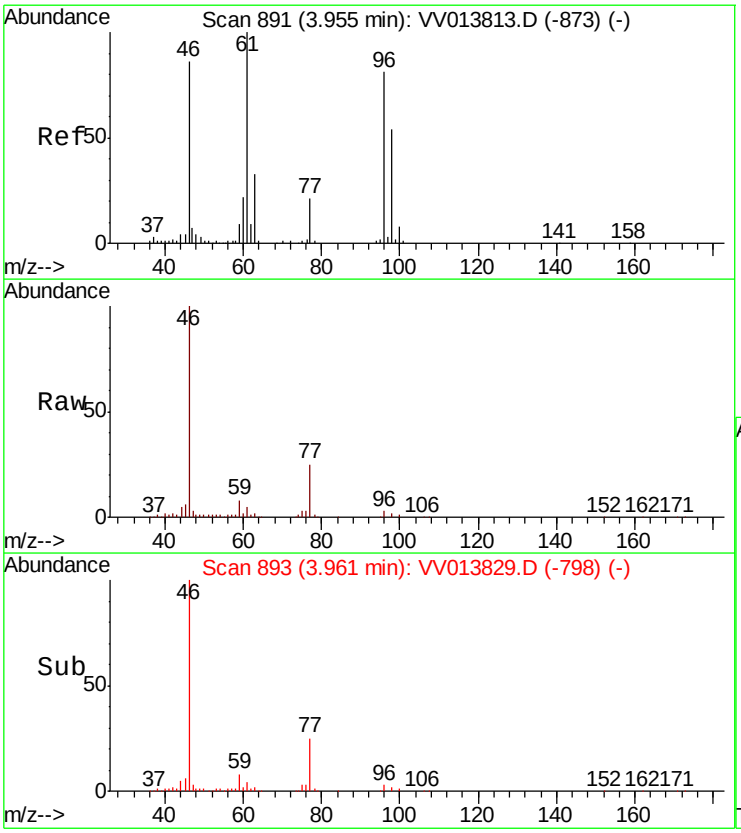
#21
2-Butanone
Concen: 0.954 ug/L
RT: 4.05 min Scan# 920
Delta R.T. 0.01 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 4463

Ion	Ratio	Lower	Upper
43	100		
72	24.8	12.3	36.9

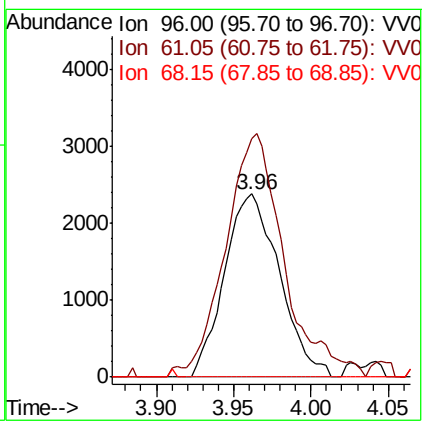


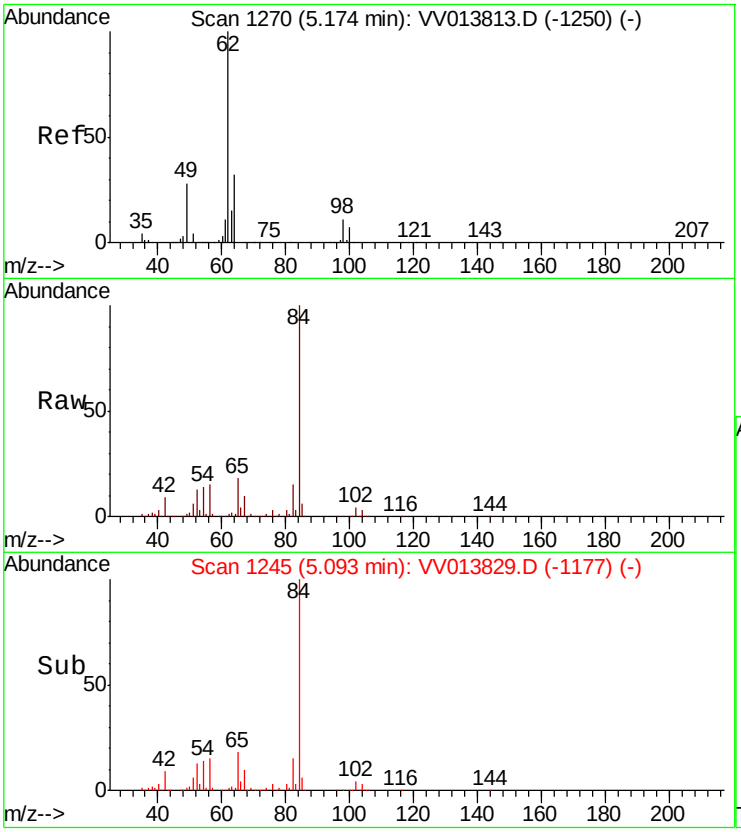


#22
cis-1,2-Dichloroethene
Concen: 0.268 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion: 96 Resp: 5872

Ion	Ratio	Lower	Upper
96	100		
61	130.6	86.1	159.9
68	0.0	0.0	0.0



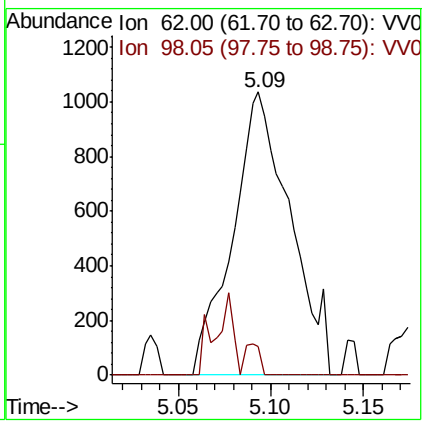


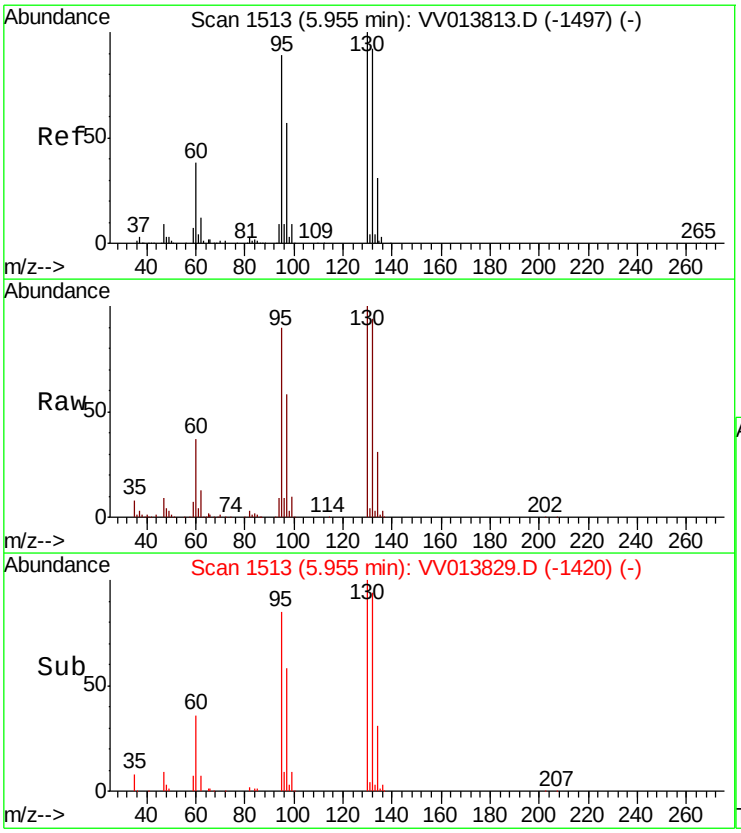
#27
1,2-Dichloroethane
Concen: 0.099 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 2229

Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.2	12.2

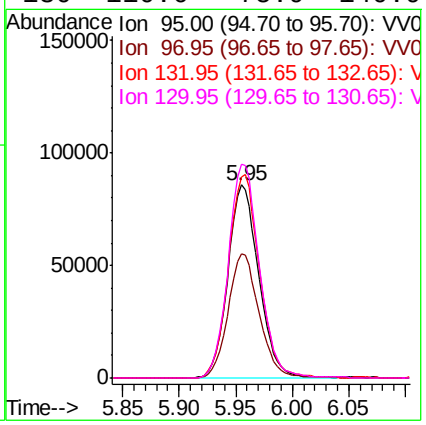


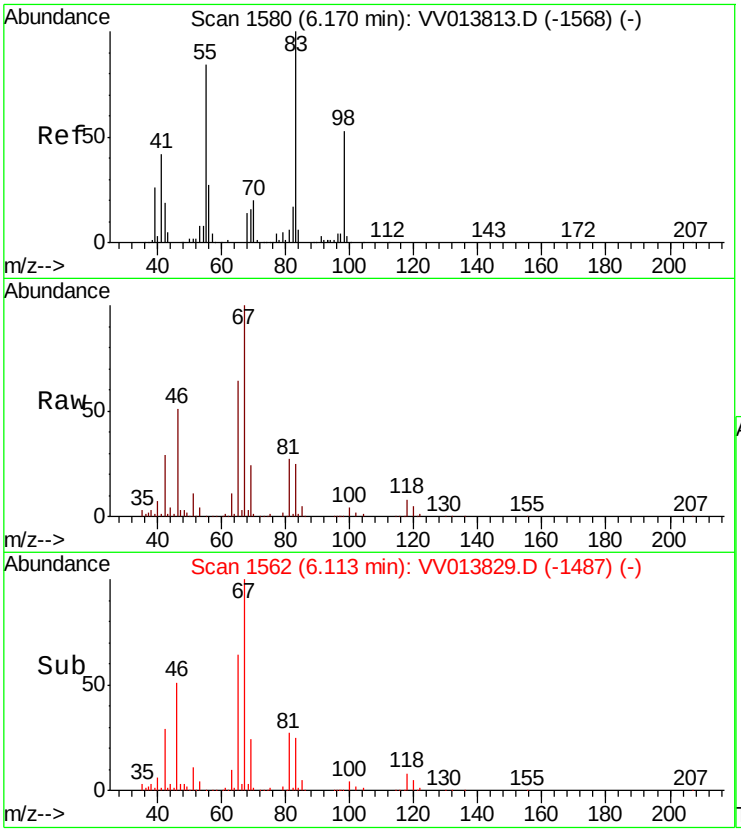


#34
Trichloroethene
Concen: 7.018 ug/L
RT: 5.95 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion: 95 Resp: 162997

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.8
132	104.0	70.5	130.9
130	110.6	75.9	140.9



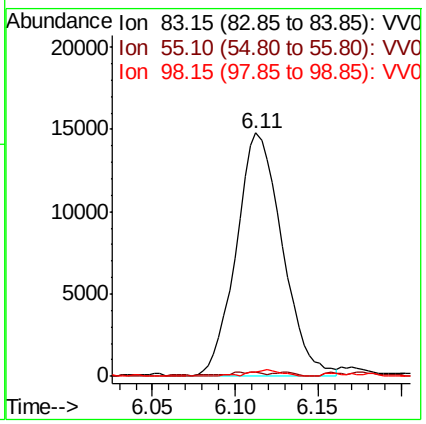


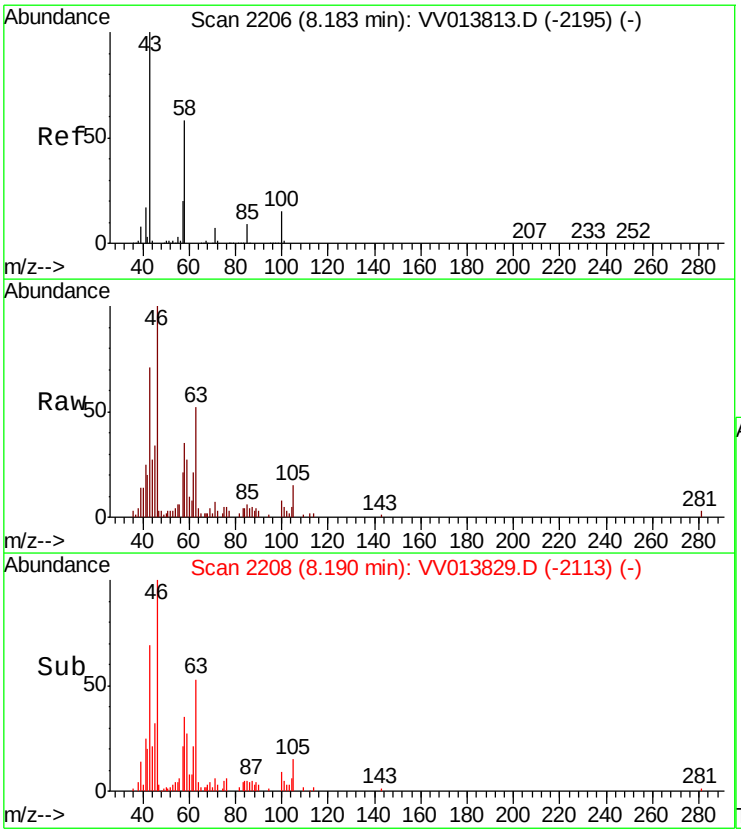
#35
Methylcyclohexane
Concen: 0.923 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 28604

Ion	Ratio	Lower	Upper
83	100		
55	1.2	60.3	90.5#
98	1.7	38.1	57.1#

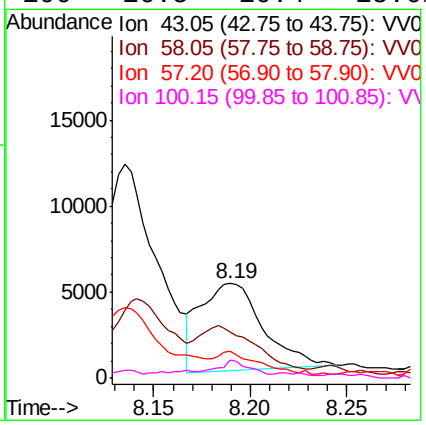


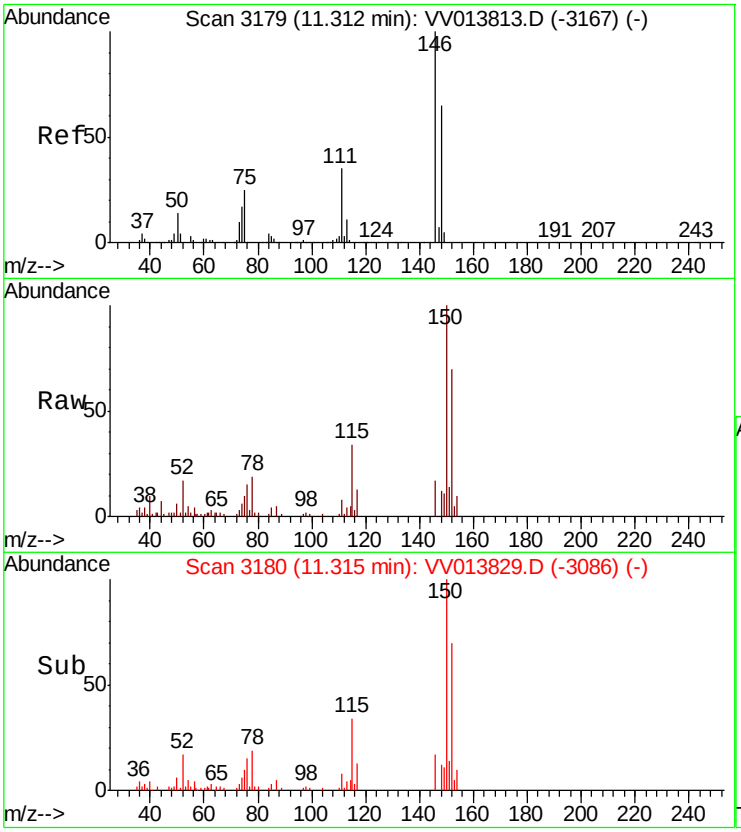


#48
2-Hexanone
Concen: 1.270 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion: 43 Resp: 11447

Ion	Ratio	Lower	Upper
43	100		
58	52.8	43.2	64.8
57	18.3	15.4	23.2
100	16.5	10.4	15.6#



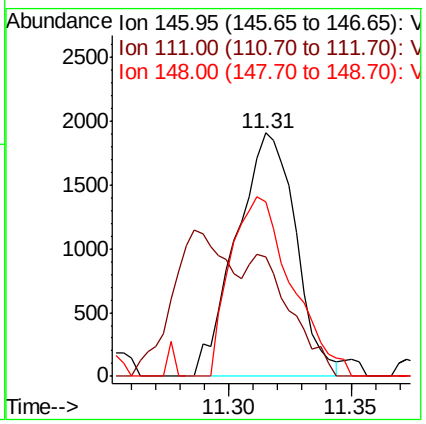


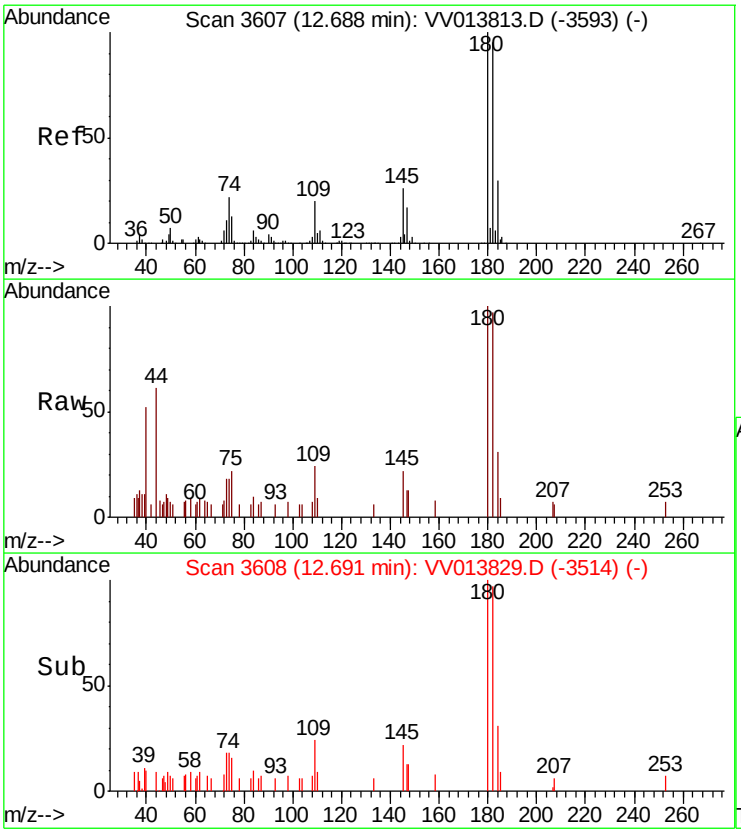
#63
1,4-Dichlorobenzene
Concen: 0.067 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 3229

Ion	Ratio	Lower	Upper
146	100		
111	48.9	25.0	46.4#
148	71.8	45.4	84.2

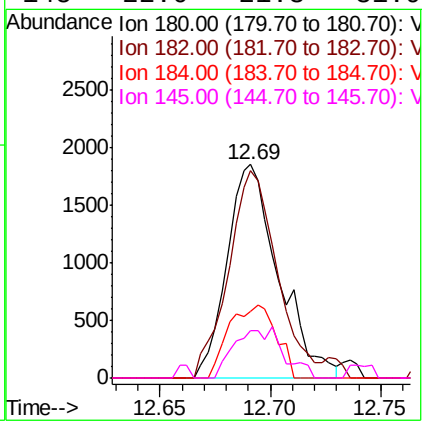


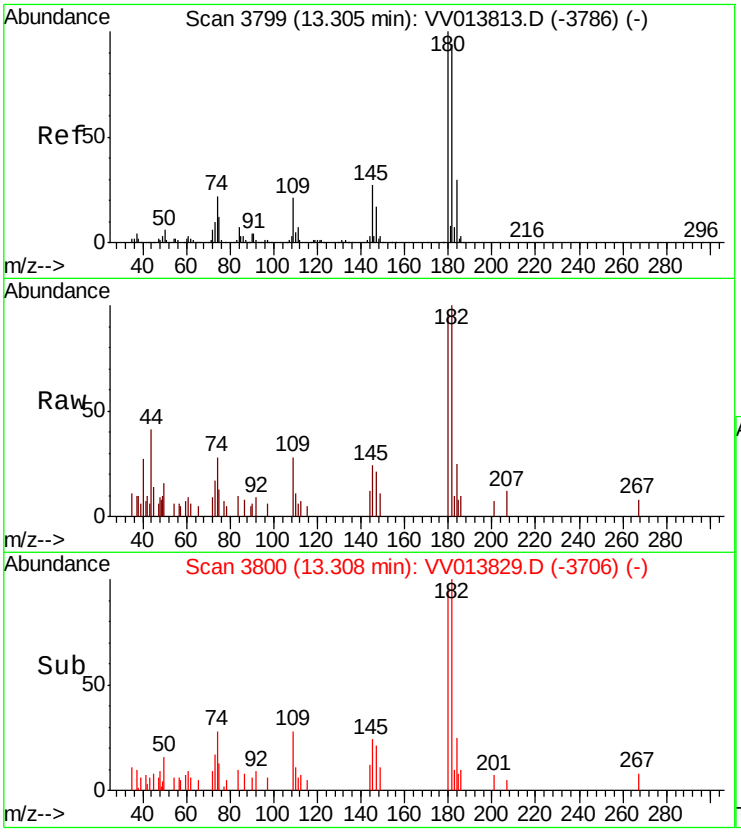


#67
1,3,5-Trichlorobenzene
Concen: 0.075 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion:180 Resp: 3007

Ion	Ratio	Lower	Upper
180	100		
182	91.7	74.8	112.2
184	31.2	23.2	34.8
145	22.0	21.3	31.9



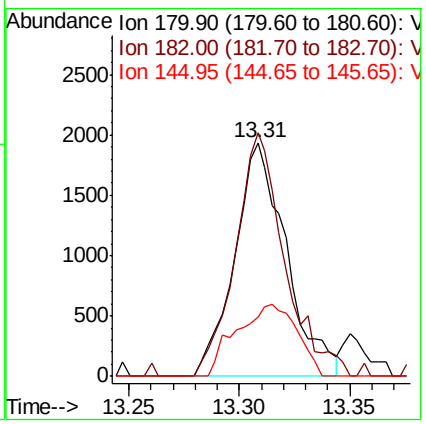


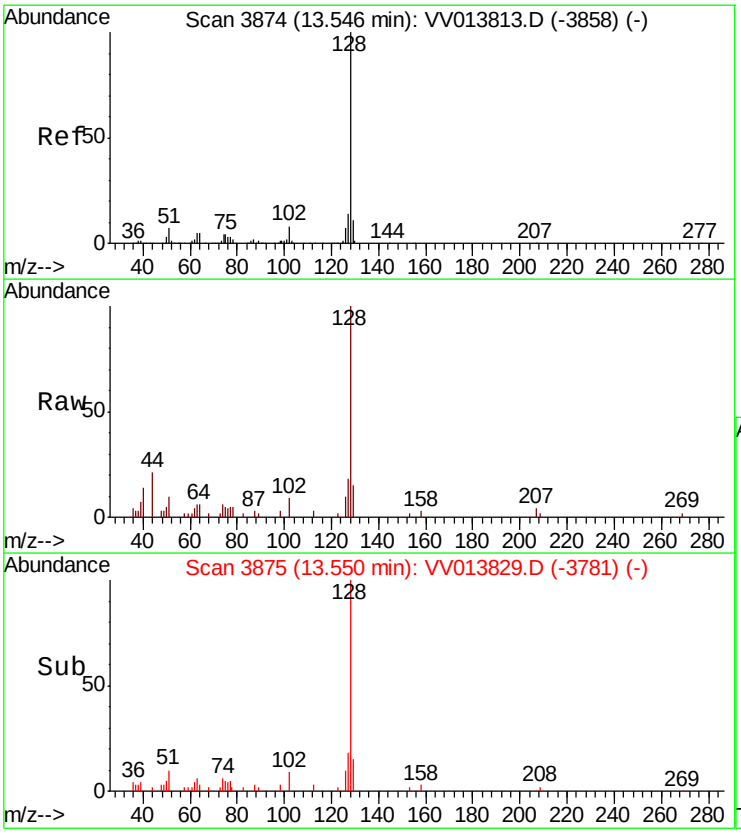
#68
1,2,4-trichlorobenzene
Concen: 0.096 ug/L
RT: 13.31 min Scan# 3800
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 3149

Ion	Ratio	Lower	Upper
180	100		
182	99.4	76.2	114.4
145	35.9	21.0	31.6#

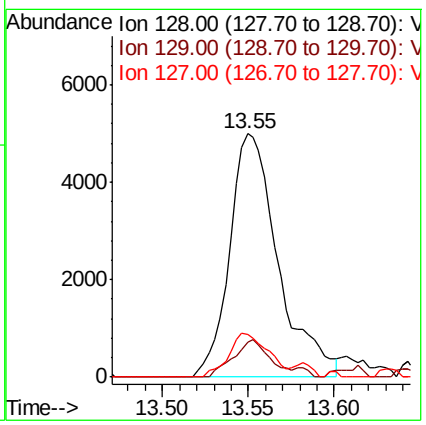


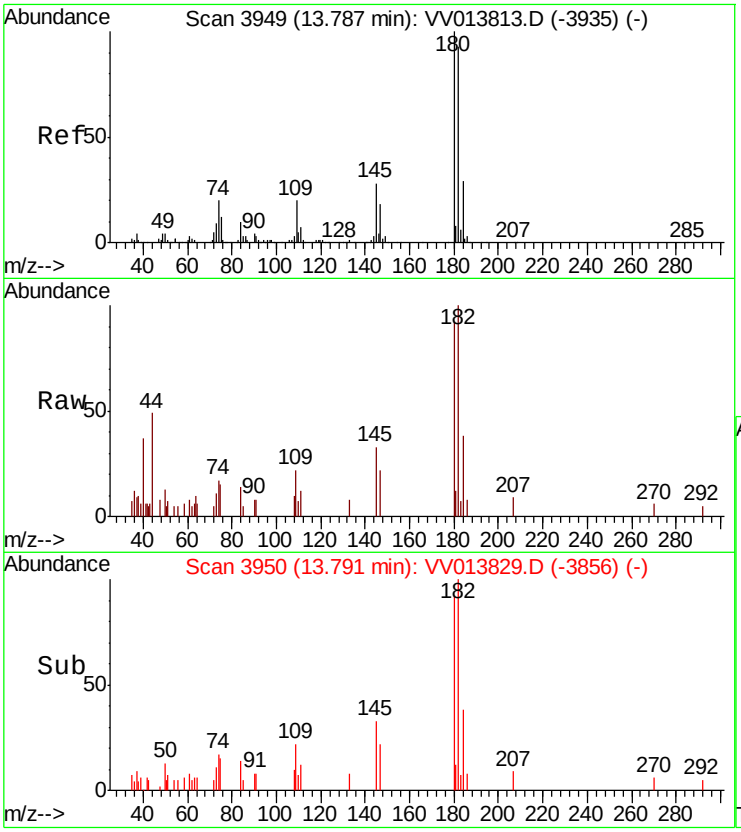


#69
Naphthalene
Concen: 0.220 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Tgt Ion:128 Resp: 9828

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.5	10.6	16.0





#70
1,2,3-Trichlorobenzene
Concen: 0.115 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VV013829.D
Acq: 27 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 3440

Ion	Ratio	Lower	Upper
180	100		
182	104.9	78.5	117.7
145	30.7	23.8	35.8