Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013762.D
Acq On : 25 Nov 2019 13:48
Operator : SY/MD
Sample : K5941-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AD8

Quant Time: Nov 26 04:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	331009	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	341102	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145298	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	94500	4.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%			
7) Chloroethane-d5	1.58	69	85870	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.14	63	568740	16.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 329.80%#			
20) 2-Butanone-d5	3.92	46	281073	65.99	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.98%#			
24) Chloroform-d	4.40	84	204240	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
26) 1,2-Dichloroethane-d4	5.08	65	106258	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.20%			
32) Benzene-d6	5.09	84	395471	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.11	67	125023	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.36	98	324571	3.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.60%			
43) trans-1,3-Dichloropropene-	7.66	79	37851	3.71	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.20%			
46) 2-Hexanone-d5	8.13	63	205679	54.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.26%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97974	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	136198	5.31	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	4861	0.251	ug/L #	71
5) Vinyl chloride	1.32	62	294794	14.907	ug/L #	58
8) Chloroethane	1.60	64	69158	5.804	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3511	0.192	ug/L #	27
12) 1,1-Dichloroethene	2.14	96	872257	54.809	ug/L #	66
14) Carbon disulfide	2.32	76	10577	0.288	ug/L	98
16) Methylene chloride	2.53	84	3877	0.178	ug/L	88
18) trans-1,2-Dichloroethene	2.79	96	198658	11.054	ug/L	98
19) 1,1-Dichloroethane	3.23	63	352068	9.813	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	61068	2.898	ug/L	98
27) 1,2-Dichloroethane	5.18	62	52081	2.393	ug/L #	94
33) Benzene	5.15	78	7348	0.088	ug/L	100
34) Trichloroethene	5.96	95	211612	9.168	ug/L	97
35) Methylcyclohexane	6.12	83	30532	0.991	ug/L #	20
37) 1,2-Dichloropropane	6.22	63	4710	0.219	ug/L	97
39) cis-1,3-Dichloropropene	7.03	75	2784	0.091	ug/L #	76
45) 1,1,2-Trichloroethane	7.88	97	9797	0.639	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013762.D
Acq On : 25 Nov 2019 13:48
Operator : SY/MD
Sample : K5941-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AD8

Quant Time: Nov 26 04:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.13	43	23499	2.624	ug/L	#	80
63) 1,4-Dichlorobenzene	11.32	146	3669	0.085	ug/L	#	77
65) 1,2-Dichlorobenzene	11.68	146	4384	0.112	ug/L	#	84

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013762.D
Acq On : 25 Nov 2019 13:48
Operator : SY/MD
Sample : K5941-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

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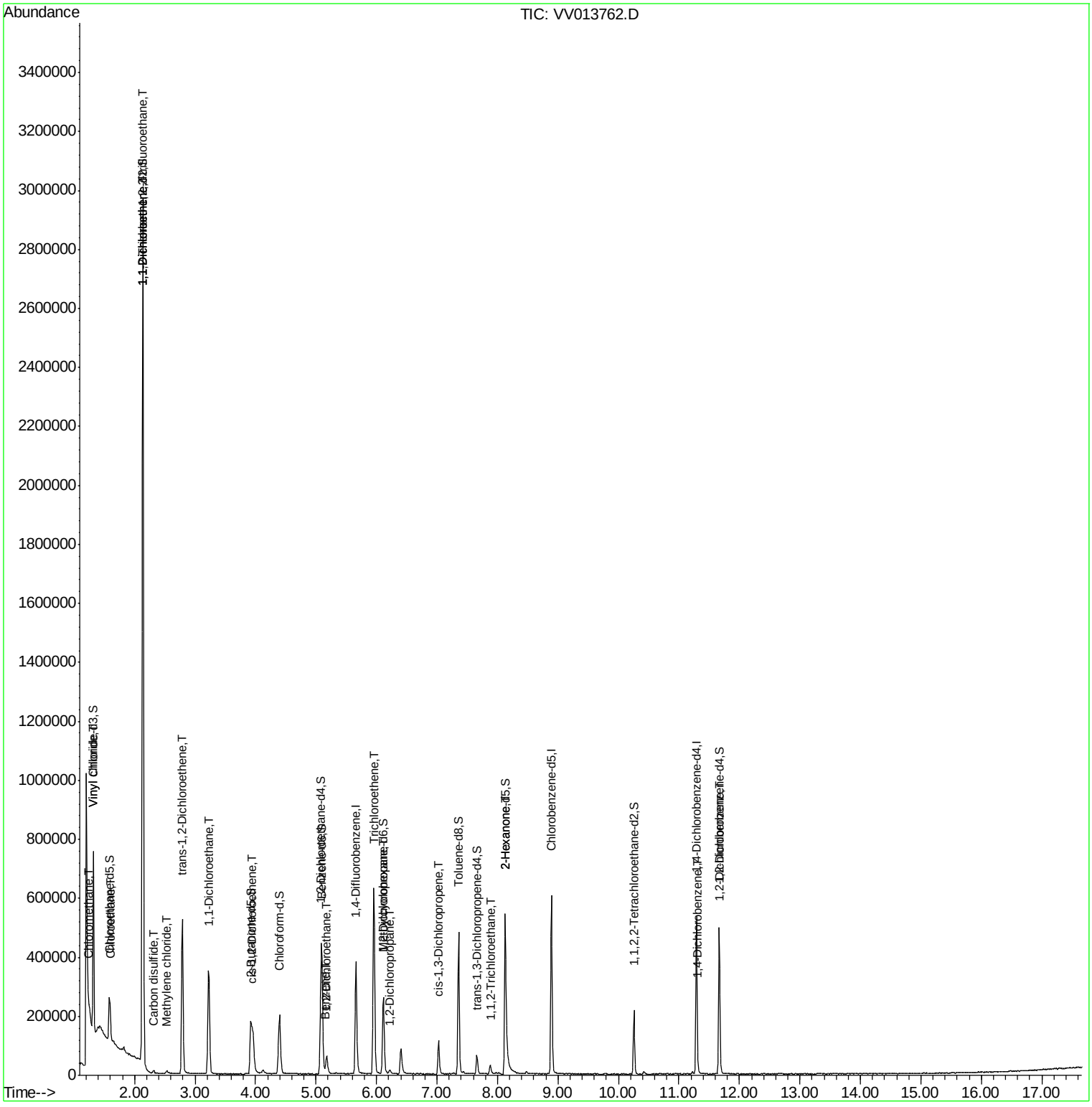
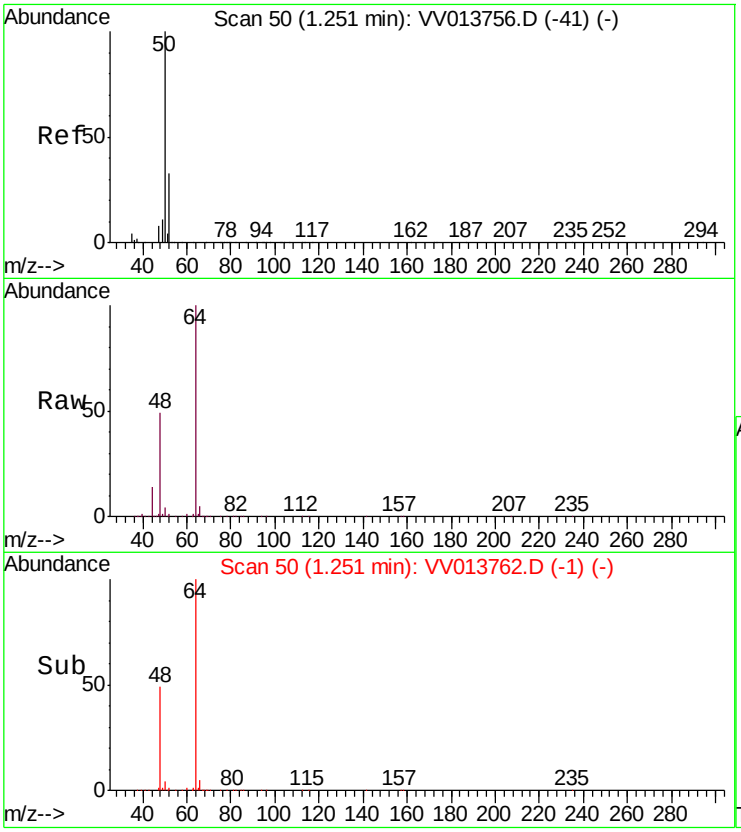
Quant Time: Nov 26 04:40:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration



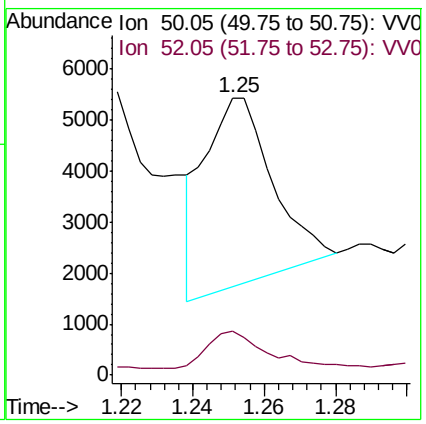


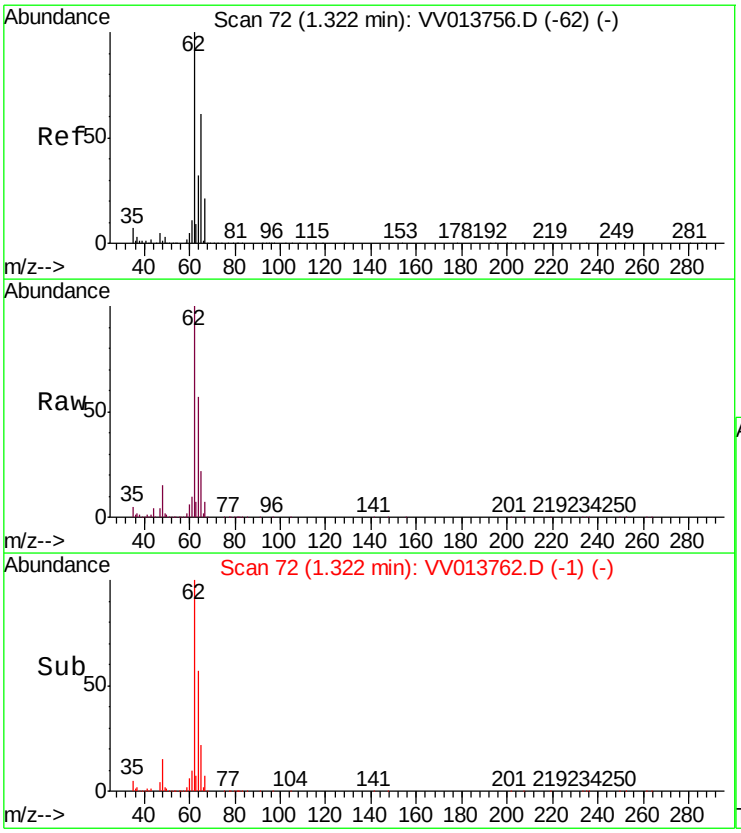
#3
Chloromethane
Concen: 0.251 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Tgt Ion: 50 Resp: 4861

Ion	Ratio	Lower	Upper
50	100		
52	15.7	22.5	41.7#

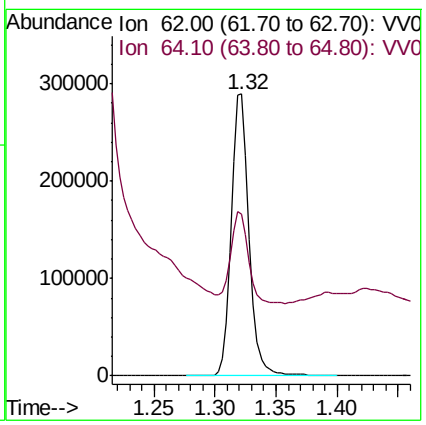


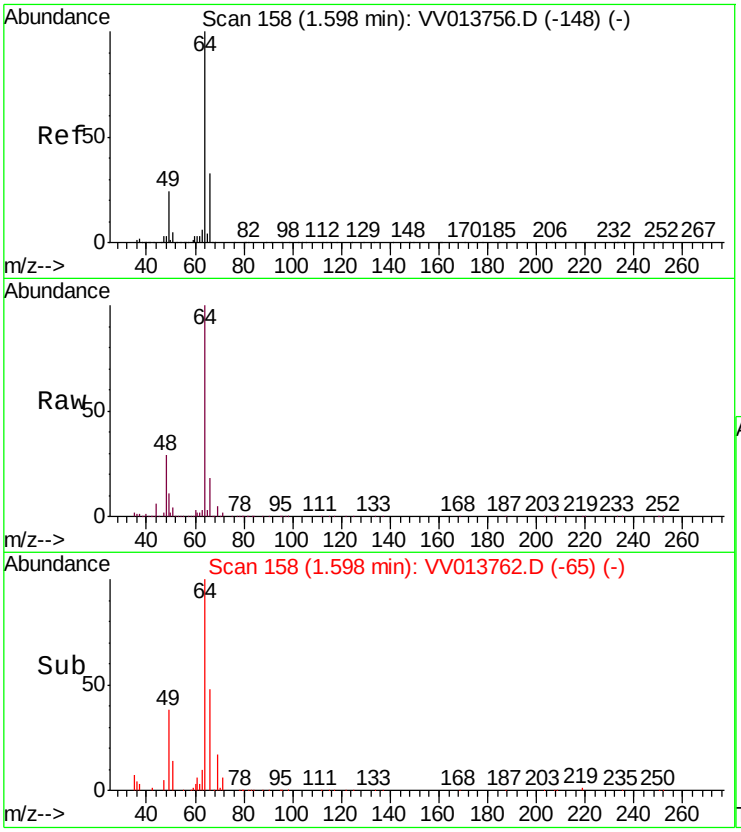


#5
Vinyl chloride
Concen: 14.907 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 62 Resp: 294794

Ion	Ratio	Lower	Upper
62	100		
64	57.4	23.3	43.3#



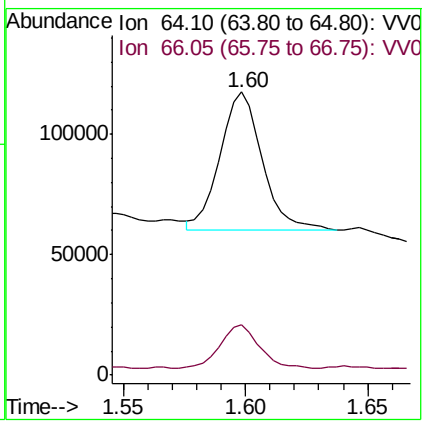


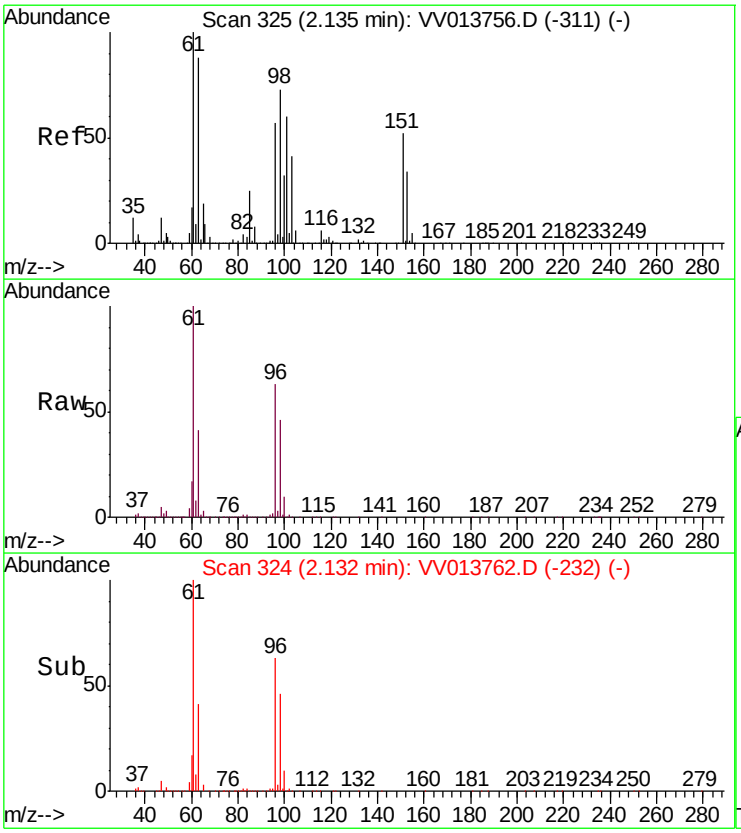
#8
Chloroethane
Concen: 5.804 ug/L
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Tgt Ion: 64 Resp: 69158

Ion	Ratio	Lower	Upper
64	100		
66	17.6	22.6	42.0#

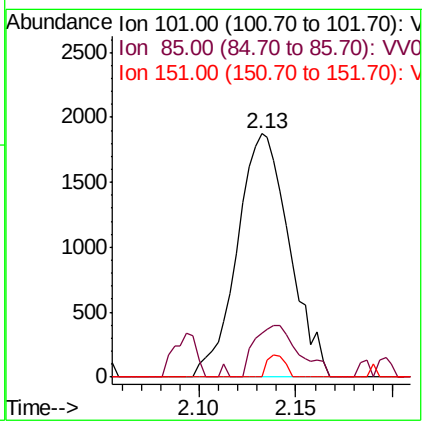


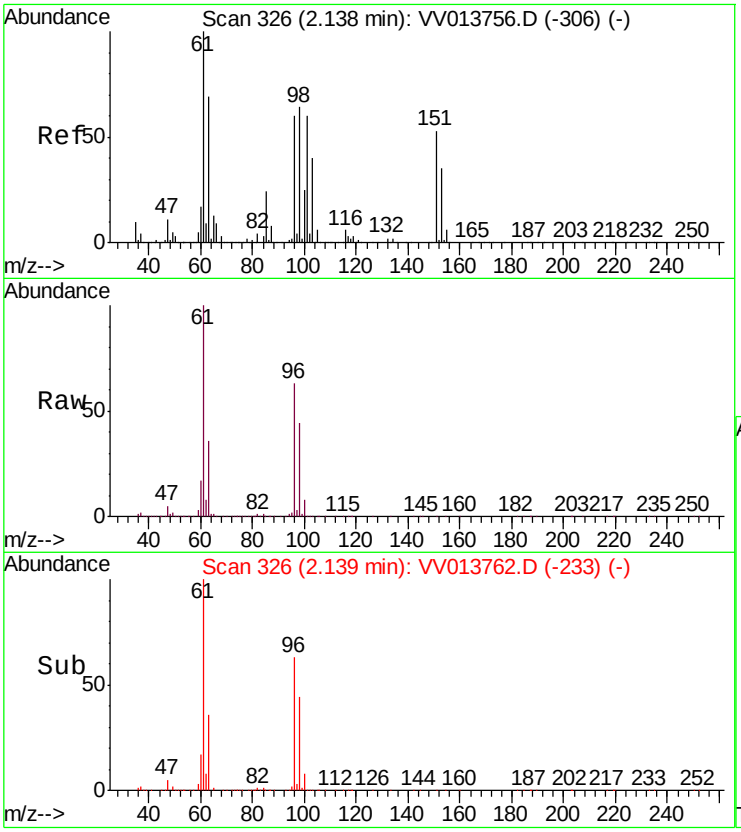


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.192 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion:101 Resp: 3511

Ion	Ratio	Lower	Upper
101	100		
85	17.9	33.4	50.0#
151	3.1	69.4	104.0#



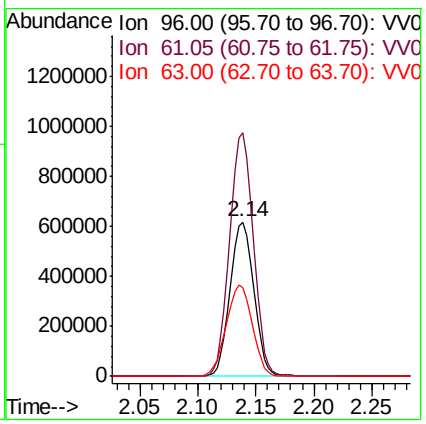


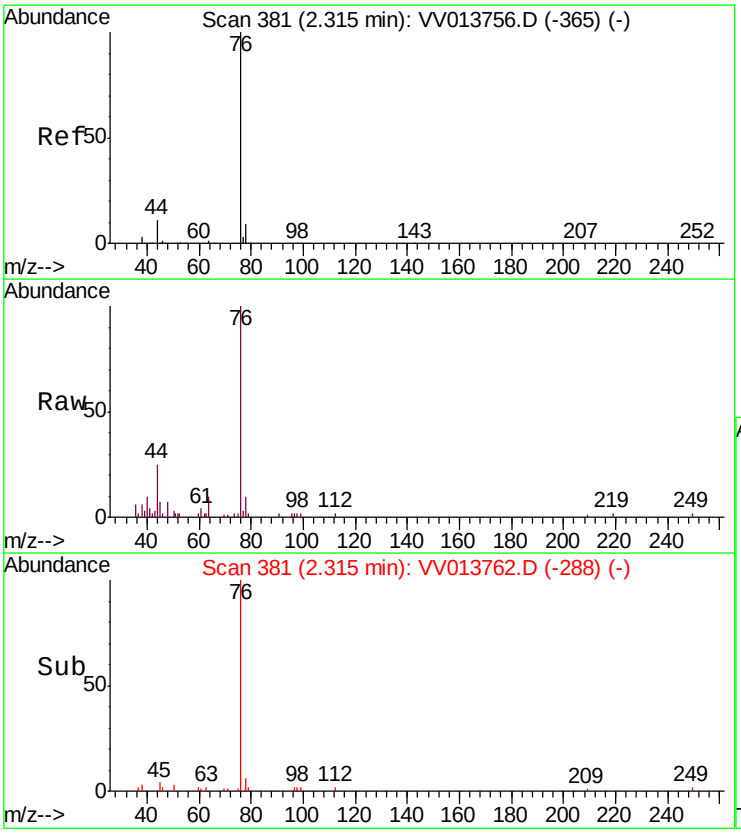
#12
1,1-Dichloroethene
Concen: 54.809 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument : MSVOA_V
ClientSampleId : B0AD8

Tgt Ion: 96 Resp: 872257

Ion	Ratio	Lower	Upper
96	100		
61	157.8	116.3	215.9
63	57.3	96.7	179.7#

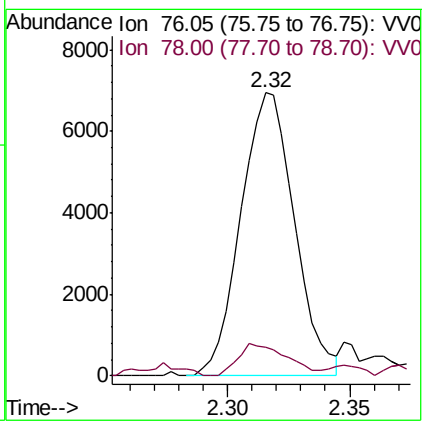


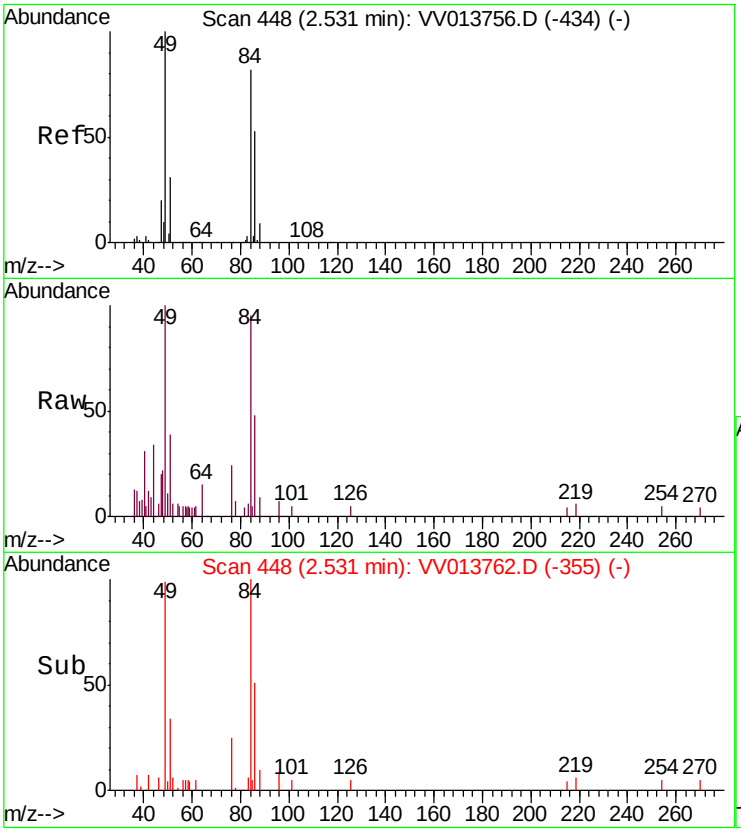


#14
Carbon disulfide
Concen: 0.288 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 76 Resp: 10577

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.5	11.3



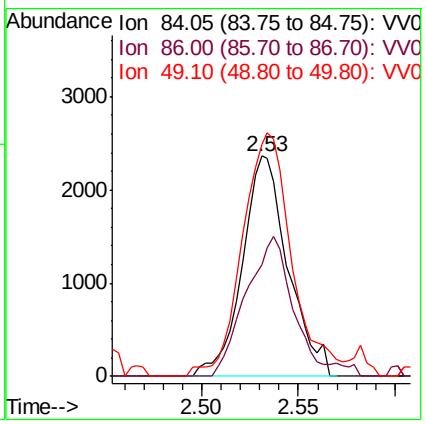


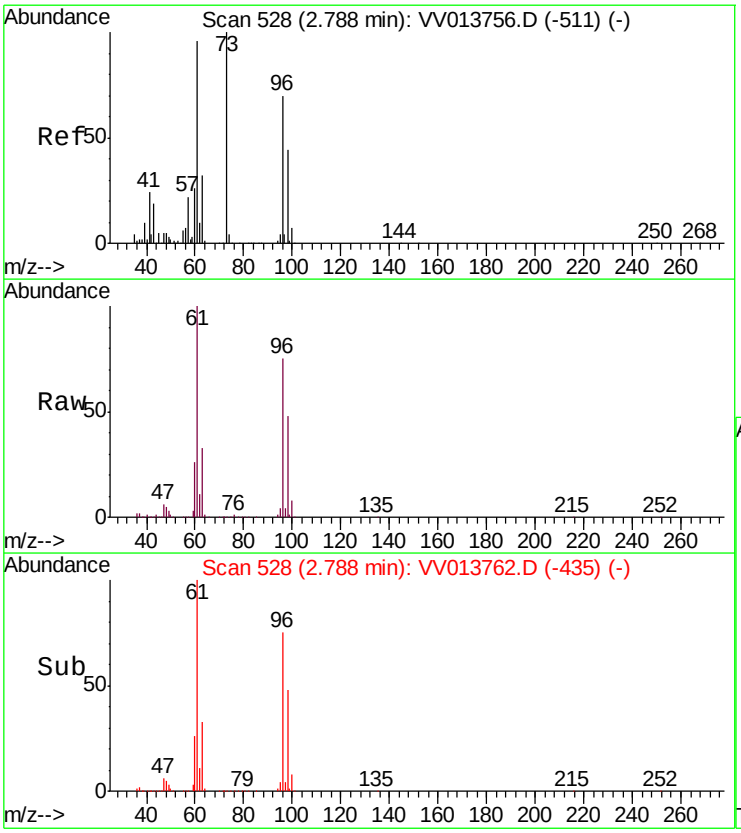
#16
Methylene chloride
Concen: 0.178 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Tgt Ion: 84 Resp: 3877

Ion	Ratio	Lower	Upper
84	100		
86	50.6	44.0	81.6
49	105.0	81.5	151.5

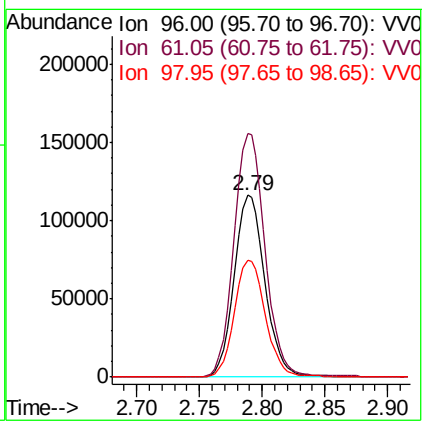


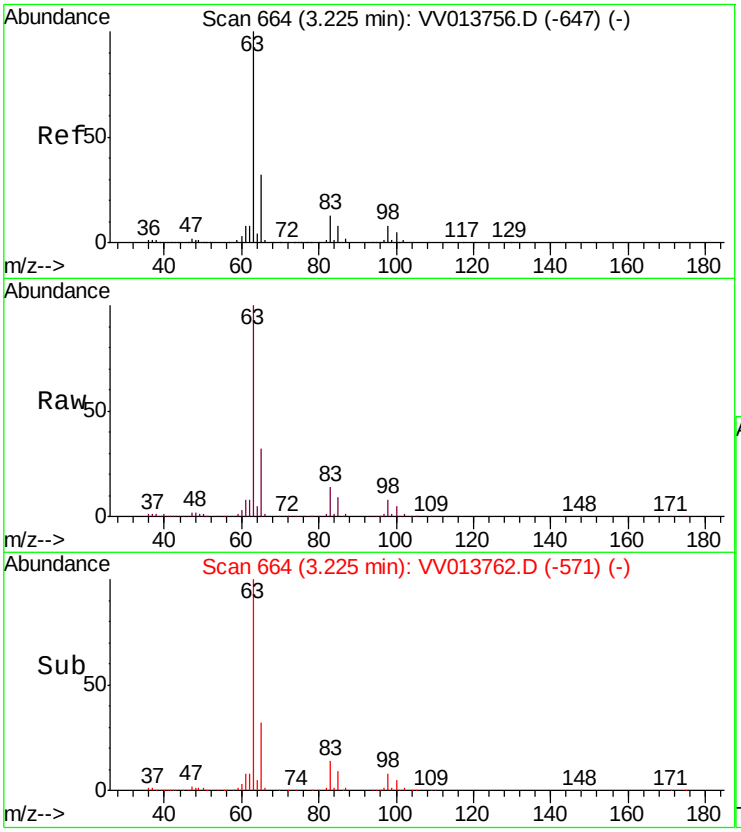


#18
trans-1,2-Dichloroethene
Concen: 11.054 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 96 Resp: 198658

Ion	Ratio	Lower	Upper
96	100		
61	134.0	95.1	176.7
98	64.2	46.5	86.3



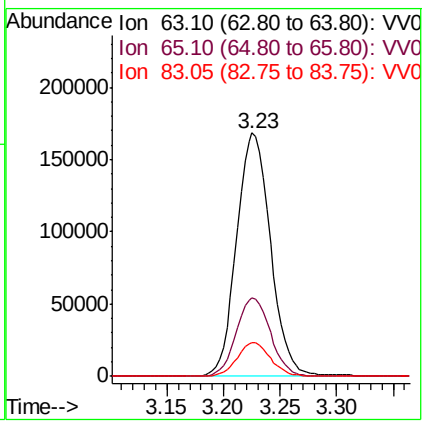


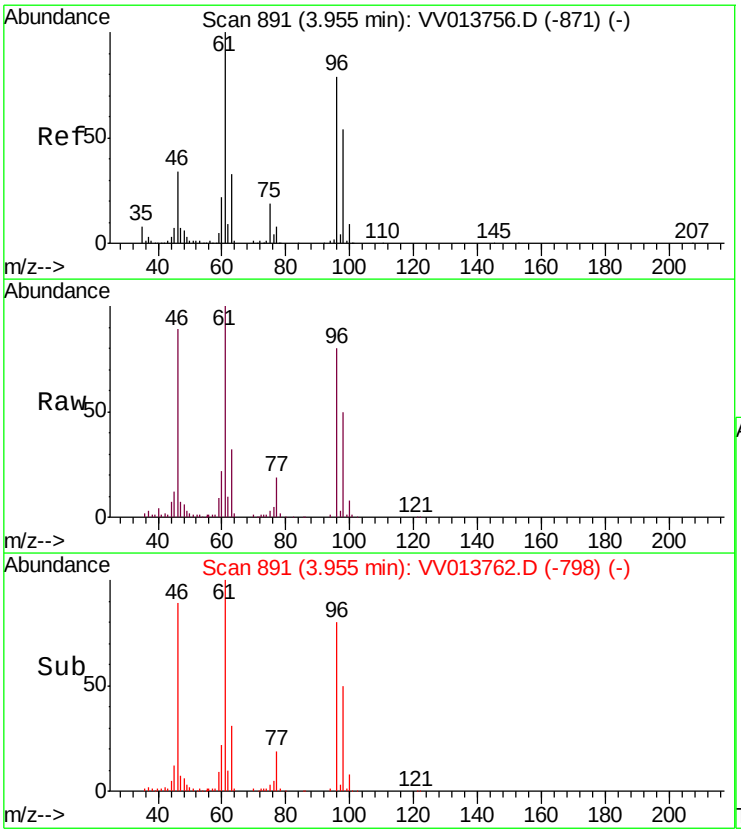
#19
1,1-Dichloroethane
Concen: 9.813 ug/L
RT: 3.23 min Scan# 664
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Tgt Ion: 63 Resp: 352068

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.7	42.1
83	14.0	9.2	17.2

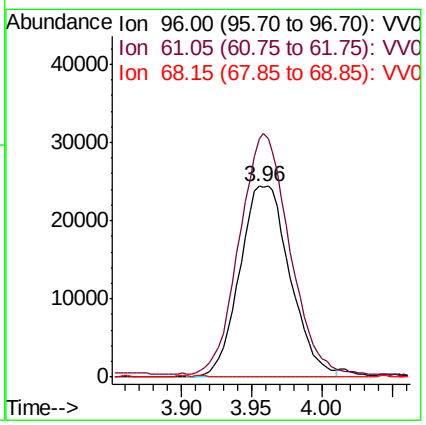


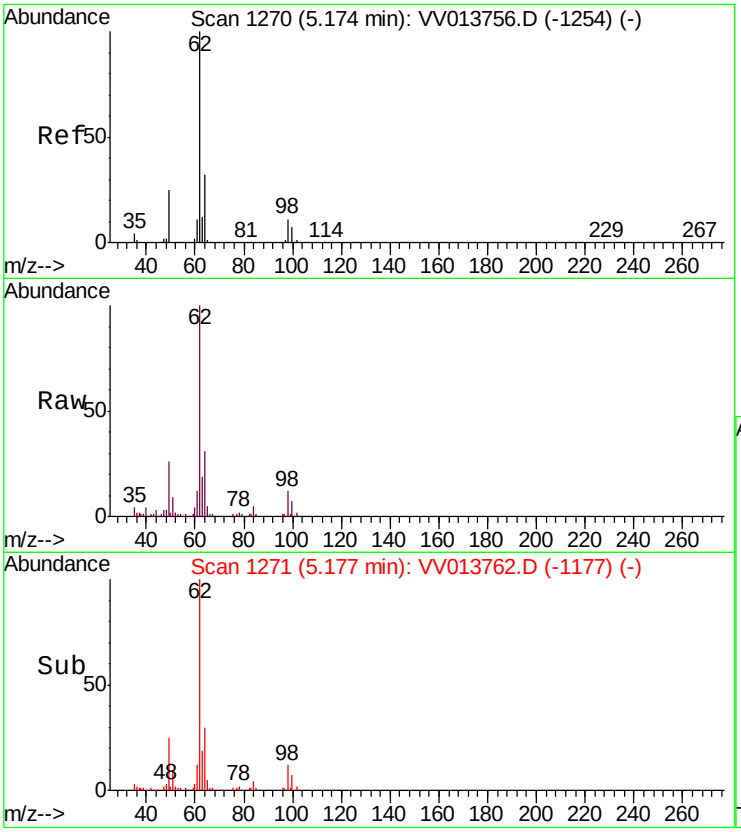


#22
cis-1,2-Dichloroethene
Concen: 2.898 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 96 Resp: 61068

Ion	Ratio	Lower	Upper
96	100		
61	124.8	86.1	159.9
68	0.0	0.0	0.0



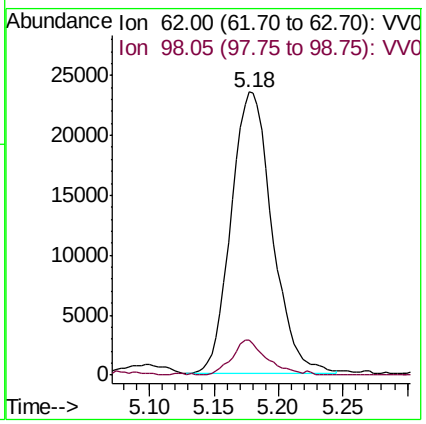


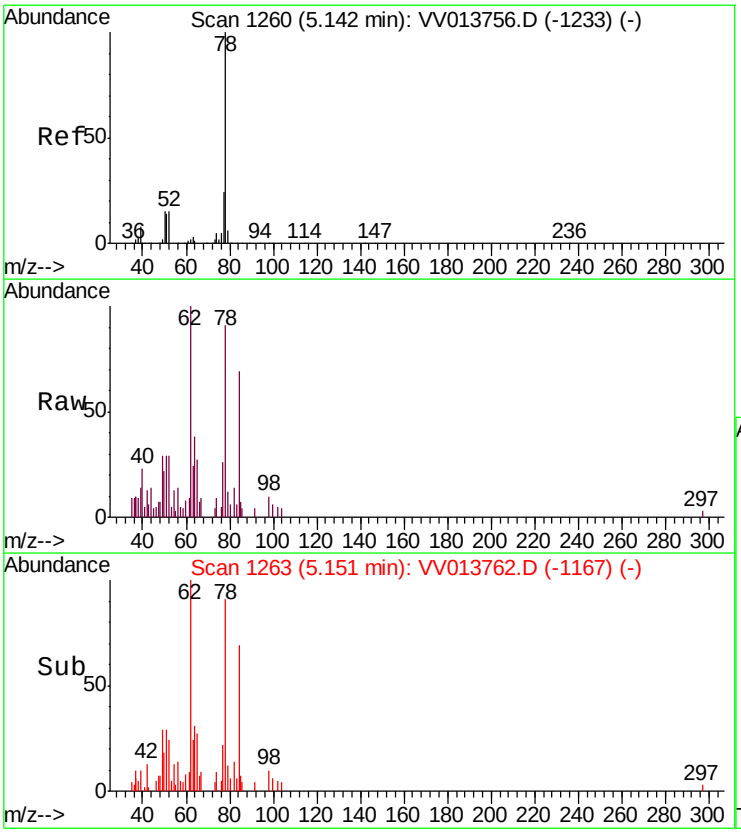
#27
1,2-Dichloroethane
Concen: 2.393 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument : MSVOA_V
ClientSampleId : B0AD8

Tgt Ion: 62 Resp: 52081

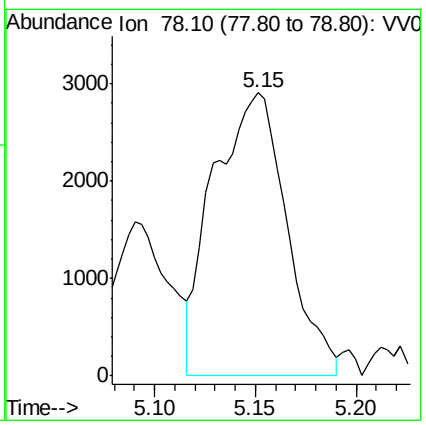
Ion	Ratio	Lower	Upper
62	100		
98	12.3	8.2	12.2#

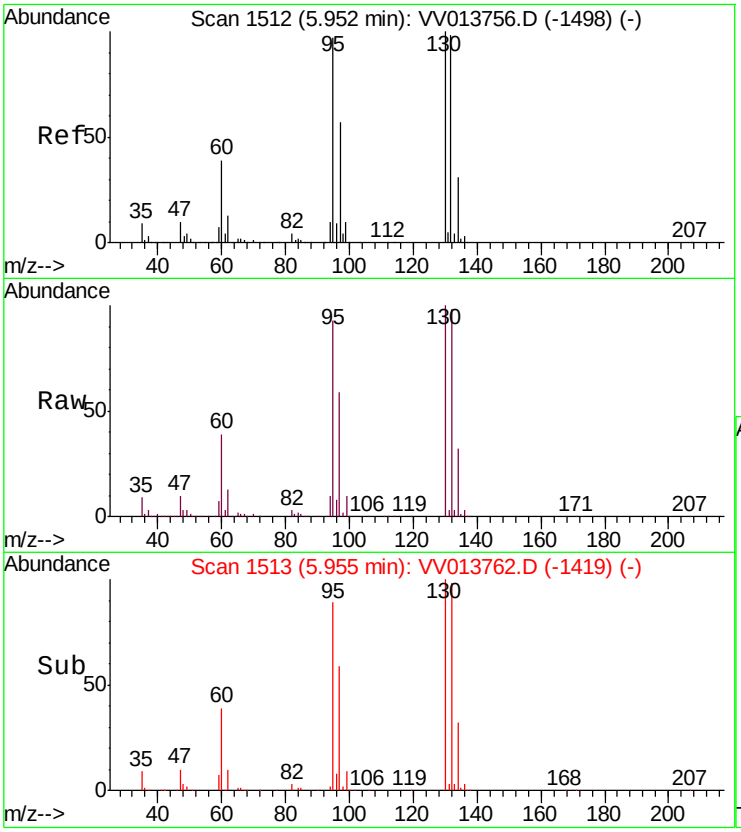




#33
Benzene
Concen: 0.088 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 78 Resp: 7348



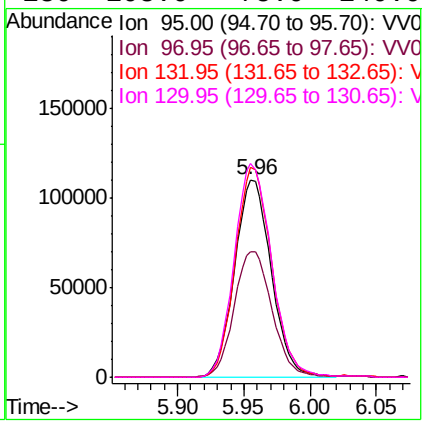


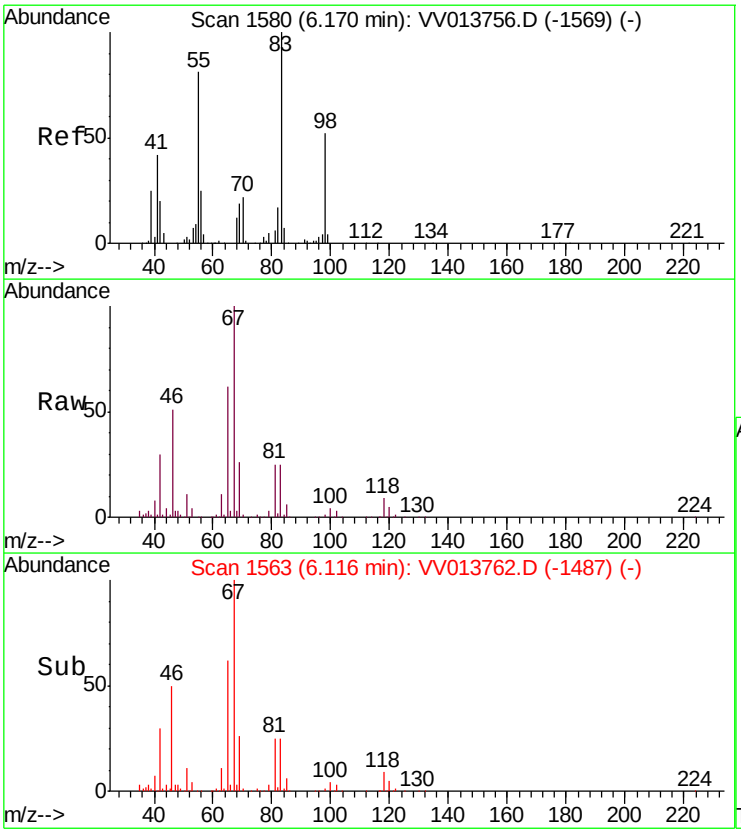
#34
Trichloroethene
Concen: 9.168 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Tgt Ion: 95 Resp: 211612

Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.6	84.8
132	106.0	70.5	130.9
130	108.0	75.9	140.9

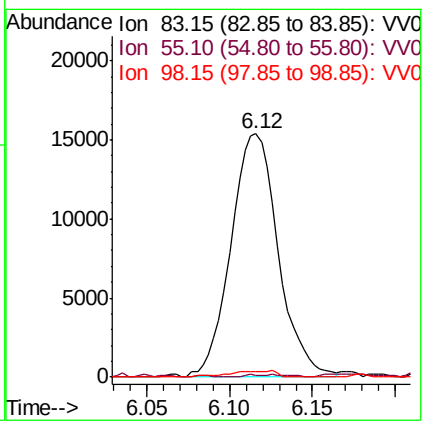


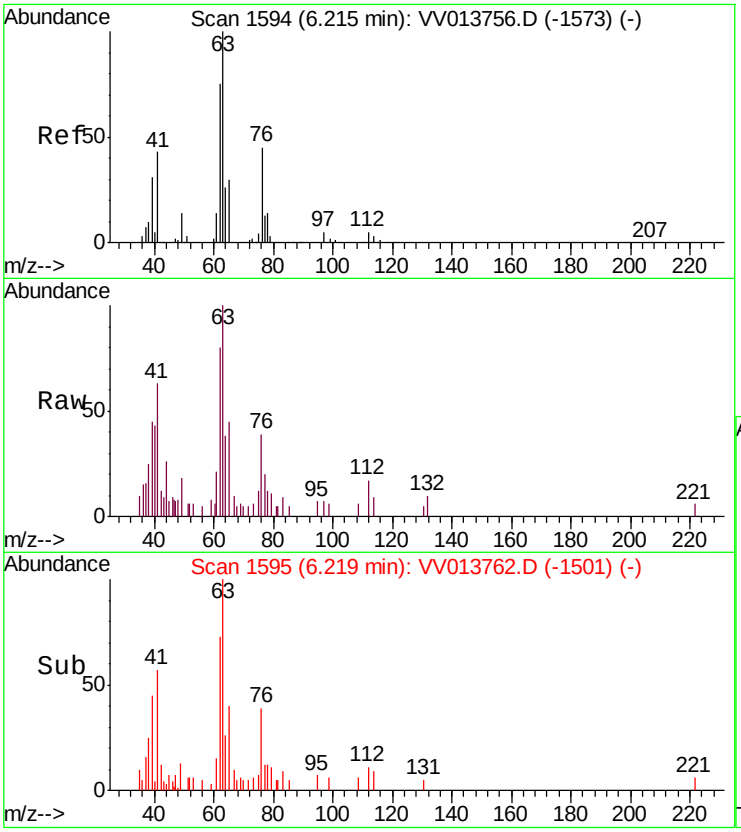


#35
Methylcyclohexane
Concen: 0.991 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 83 Resp: 30532

Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.3	90.5#
98	2.3	38.1	57.1#



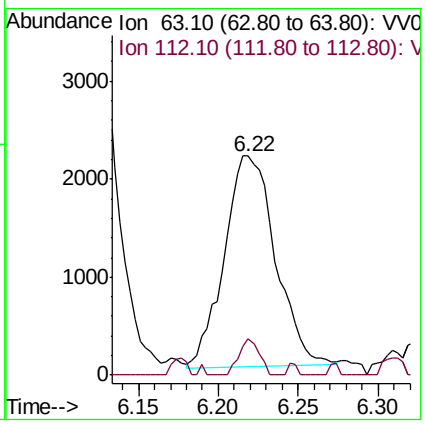


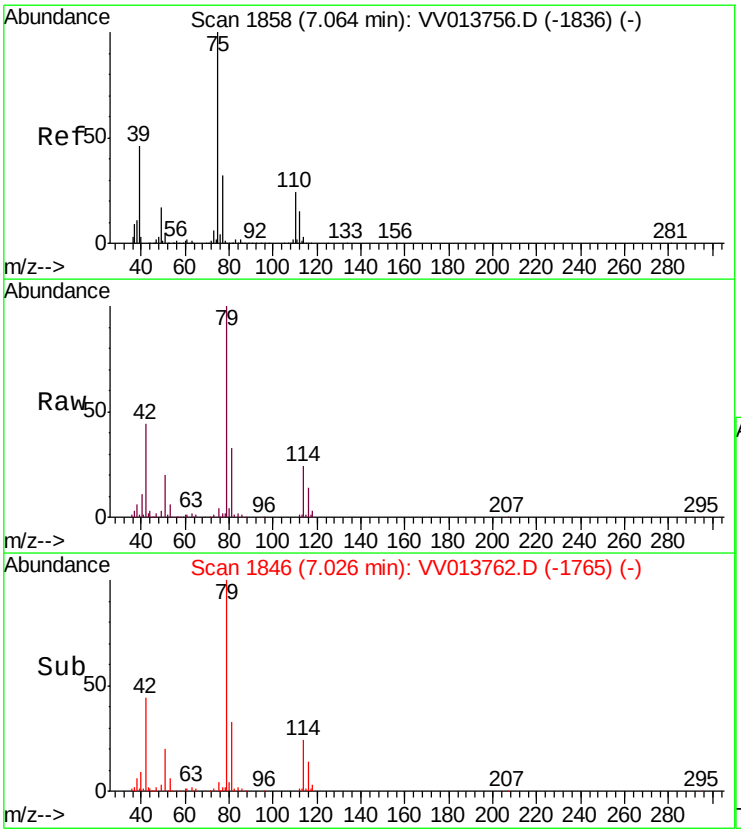
#37
1,2-Dichloropropane
Concen: 0.219 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument :
MSVOA_V
ClientSampleId :
B0AD8

Tgt Ion: 63 Resp: 4710

Ion	Ratio	Lower	Upper
63	100		
112	6.6	4.4	6.6

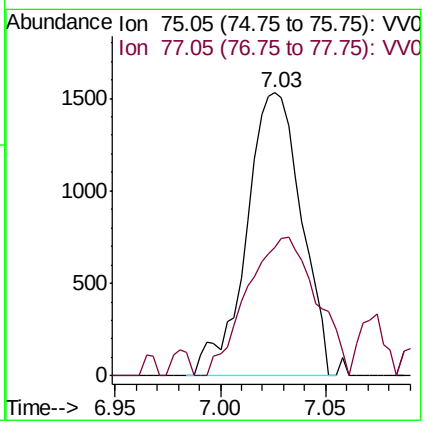


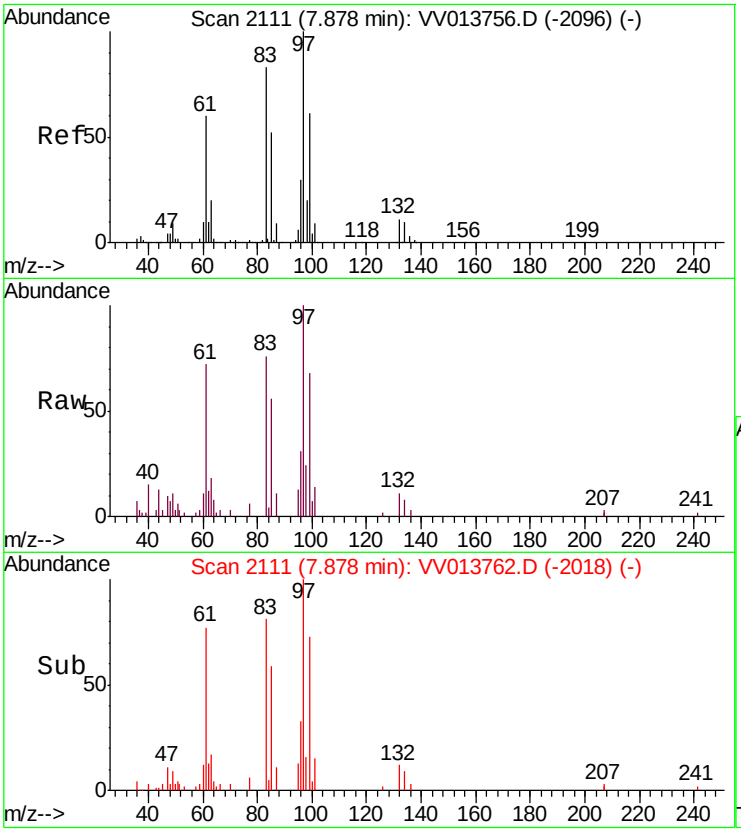


#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 75 Resp: 2784

Ion	Ratio	Lower	Upper
75	100		
77	45.5	22.5	41.9#



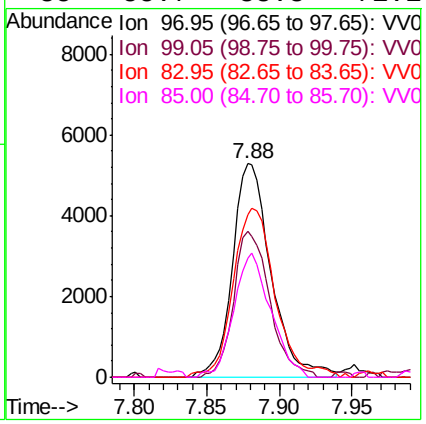


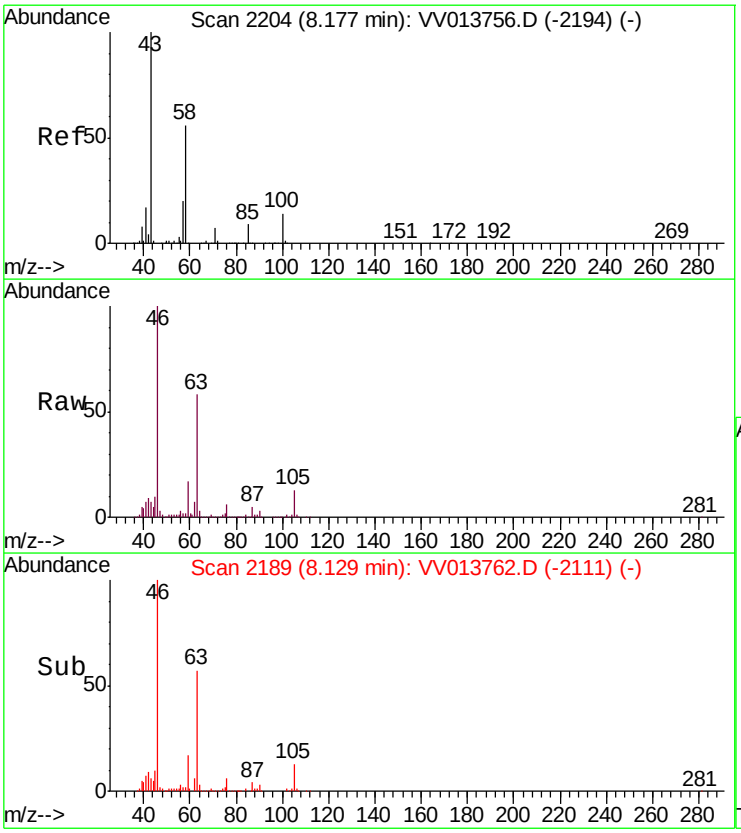
#45
1,1,2-Trichloroethane
Concen: 0.639 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument : MSVOA_V
ClientSampleId : B0AD8

Tgt Ion: 97 Resp: 9797

Ion	Ratio	Lower	Upper
97	100		
99	68.5	44.2	82.0
83	76.1	59.7	110.9
85	55.7	38.3	71.1

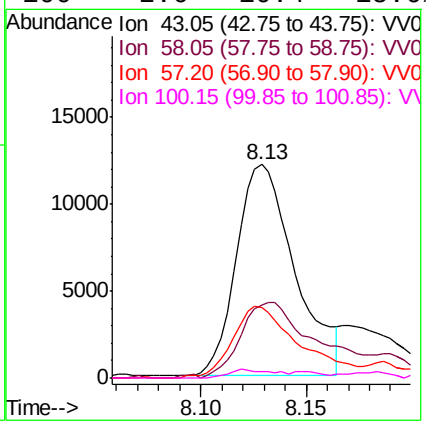


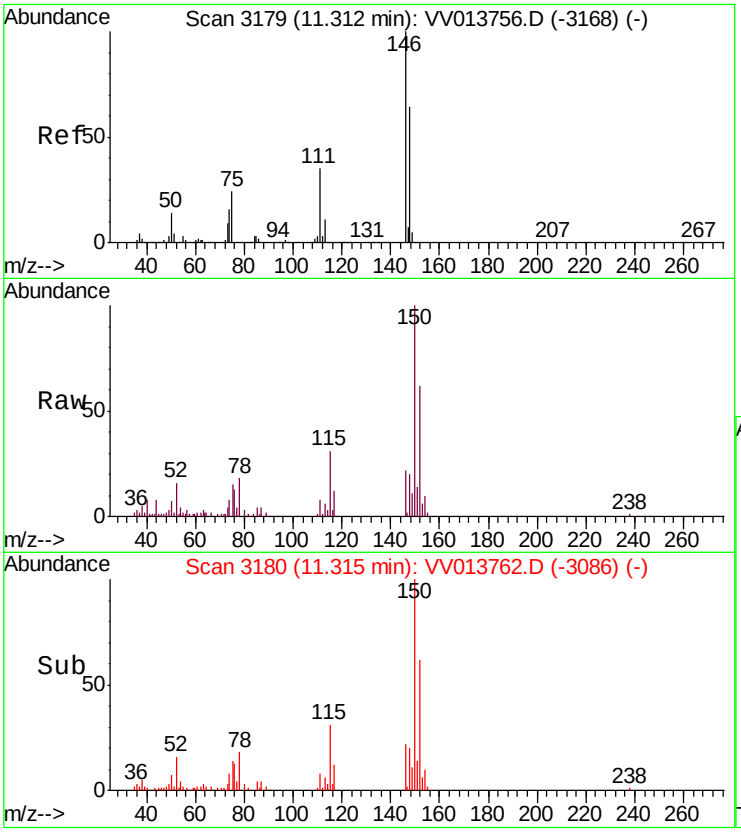


#48
2-Hexanone
Concen: 2.624 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion: 43 Resp: 23499

Ion	Ratio	Lower	Upper
43	100		
58	46.6	43.2	64.8
57	39.1	15.4	23.2#
100	2.6	10.4	15.6#



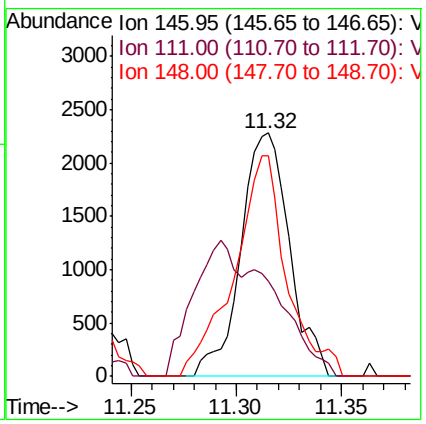


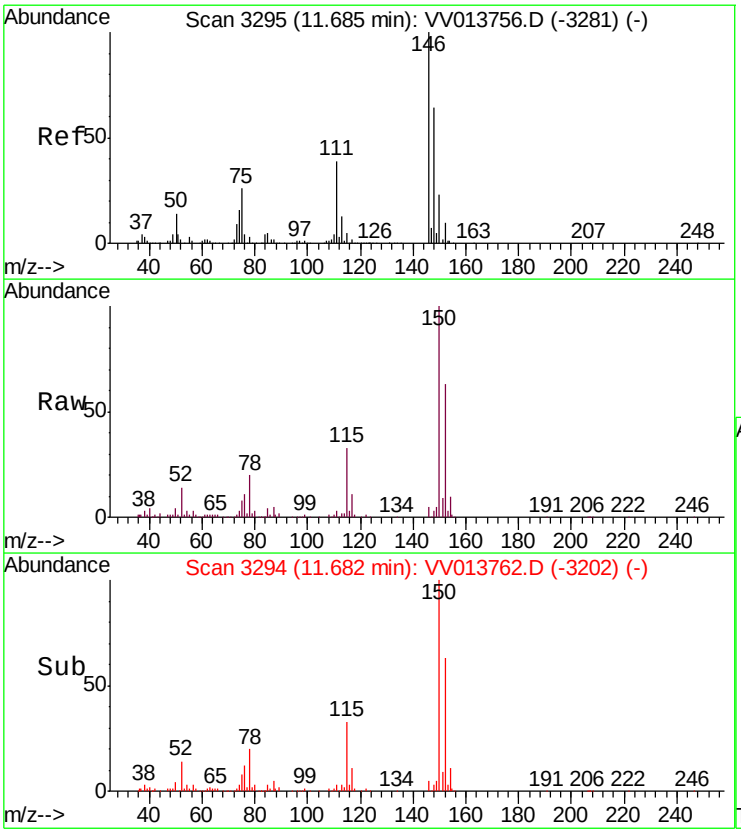
#63
1,4-Dichlorobenzene
Concen: 0.085 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Instrument : MSVOA_V
ClientSampleId : B0AD8

Tgt Ion:146 Resp: 3669

Ion	Ratio	Lower	Upper
146	100		
111	39.0	25.0	46.4
148	90.4	45.4	84.2#





#65
1,2-Dichlorobenzene
Concen: 0.112 ug/L
RT: 11.68 min Scan# 3294
Delta R.T. -0.00 min
Lab File: VV013762.D
Acq: 25 Nov 2019 13:48

Tgt Ion:146 Resp: 4384

Ion	Ratio	Lower	Upper
146	100		
111	64.6	31.3	46.9#
148	66.2	52.2	78.2