Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120618\

Quantitation Report (Not Reviewed)

Data File : VV008869.D
Acq On : 06 Dec 2018 21:22
Operator : SY/MD
Sample : MDL04
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Quant Time: Dec 07 01:41:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 07 01:37:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195947	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71573	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56612	27.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.68%			
7) Chloroethane-d5	1.58	69	51268	34.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 136.88%			
10) 1,1-Dichloroethene-d2	2.13	63	106803	21.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.28%			
20) 2-Butanone-d5	3.94	46	45428	61.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.08%			
24) Chloroform-d	4.40	84	122862	26.08	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.32%			
26) 1,2-Dichloroethane-d4	5.08	65	73208	28.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.92%			
29) Benzene-d6	5.10	84	258721	26.55	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.20%			
33) 1,2-Dichloropropane-d6	6.12	67	74156	27.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.72%			
37) Toluene-d8	7.36	98	231423	25.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.64%			
38) trans-1,3-Dichloropropene-	7.67	79	31153	25.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.96%			
39) 2-Hexanone-d5	8.14	63	27742	55.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.02%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60345	26.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.48%			
61) 1,2-Dichlorobenzene-d4	11.68	152	71071	26.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	3401	1.059	ug/L	92
3) Chloromethane	1.25	50	2376	1.076	ug/L	93
5) Vinyl chloride	1.32	62	2524	1.024	ug/L #	55
6) Bromomethane	1.53	94	1538	1.298	ug/L	95
8) Chloroethane	1.60	64	2240	1.623	ug/L	89
9) Trichlorofluoromethane	1.77	101	4987	1.182	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3650	1.261	ug/L #	87
12) 1,1-Dichloroethene	2.14	96	3720	1.473	ug/L #	1
13) Acetone	2.19	43	3114	2.863	ug/L	95
14) Carbon disulfide	2.32	76	8056	0.993	ug/L	95
15) Methyl Acetate	2.46	43	692	0.502	ug/L #	73
16) Methylene chloride	2.53	84	9859	2.988	ug/L	92
17) Methyl tert-butyl Ether	2.81	73	5625	0.980	ug/L #	95
18) trans-1,2-Dichloroethene	2.79	96	2744	1.005	ug/L	97
19) 1,1-Dichloroethane	3.23	63	4190	0.947	ug/L	97
21) 2-Butanone	4.03	43	939	0.921	ug/L	84
22) cis-1,2-Dichloroethene	3.96	96	2552	0.897	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120618\

Quantitation Report (Not Reviewed)

Data File : VV008869.D
Acq On : 06 Dec 2018 21:22
Operator : SY/MD
Sample : MDL04
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL04

Quant Time: Dec 07 01:41:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 07 01:37:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.43	83	6811	1.434	ug/L		79
27) 1,2-Dichloroethane	5.18	62	3518	1.088	ug/L	#	90
30) Cyclohexane	4.73	56	3966	0.903	ug/L	#	89
31) 1,1,1-Trichloroethane	4.66	97	4206	0.935	ug/L	#	68
32) Carbon tetrachloride	4.88	117	3542	0.862	ug/L	#	61
34) Benzene	5.15	78	10541	1.008	ug/L		100
35) Trichloroethene	5.96	95	3182	1.010	ug/L		98
36) Methylcyclohexane	6.18	83	4899	0.975	ug/L		98
40) 1,2-Dichloropropane	6.22	63	2494	0.994	ug/L	#	85
41) Bromodichloromethane	6.56	83	3015	0.912	ug/L		94
42) cis-1,3-Dichloropropene	7.07	75	3415	0.930	ug/L		85
43) 4-Methyl-2-pentanone	7.28	43	4470	2.636	ug/L	#	89
44) Toluene	7.43	91	10924	0.996	ug/L		98
45) trans-1,3-Dichloropropene	7.69	75	2743	0.857	ug/L		97
46) 1,1,2-Trichloroethane	7.89	97	2008	0.961	ug/L		95
47) Tetrachloroethene	8.02	164	2361	0.921	ug/L		87
49) 2-Hexanone	8.19	43	4822	3.437	ug/L	#	59
50) Dibromochloromethane	8.29	129	2032	0.848	ug/L		99
51) 1,2-Dibromoethane	8.40	107	1839	0.876	ug/L	#	96
52) Chlorobenzene	8.93	112	7011	0.982	ug/L		99
53) Ethylbenzene	9.06	91	10791	0.907	ug/L		95
54) m,p-Xylene	9.19	106	4438	0.985	ug/L		94
55) o-xylene	9.59	106	3819	0.913	ug/L		93
56) Styrene	9.61	104	5276	0.782	ug/L		95
57) Isopropylbenzene	9.98	105	9779	0.860	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.29	83	2286	1.011	ug/L	#	92
59) 1,2,3-Trichloropropane	10.32	75	1947	0.996	ug/L		100
62) Bromoform	9.78	173	1201	0.929	ug/L	#	63
63) 1,3-Dichlorobenzene	11.23	146	4687	1.016	ug/L		95
64) 1,4-Dichlorobenzene	11.32	146	4951	1.043	ug/L		92
65) 1,2-Dichlorobenzene	11.69	146	4585	1.078	ug/L		88
67) 1,3,5-Trichlorobenzene	12.69	180	3314	0.995	ug/L		93
68) 1,2,4-trichlorobenzene	13.31	180	1780	0.763	ug/L		97
69) Naphthalene	13.56	128	2700	0.672	ug/L	#	85
70) 1,2,3-Trichlorobenzene	13.80	180	1679	0.779	ug/L		98

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

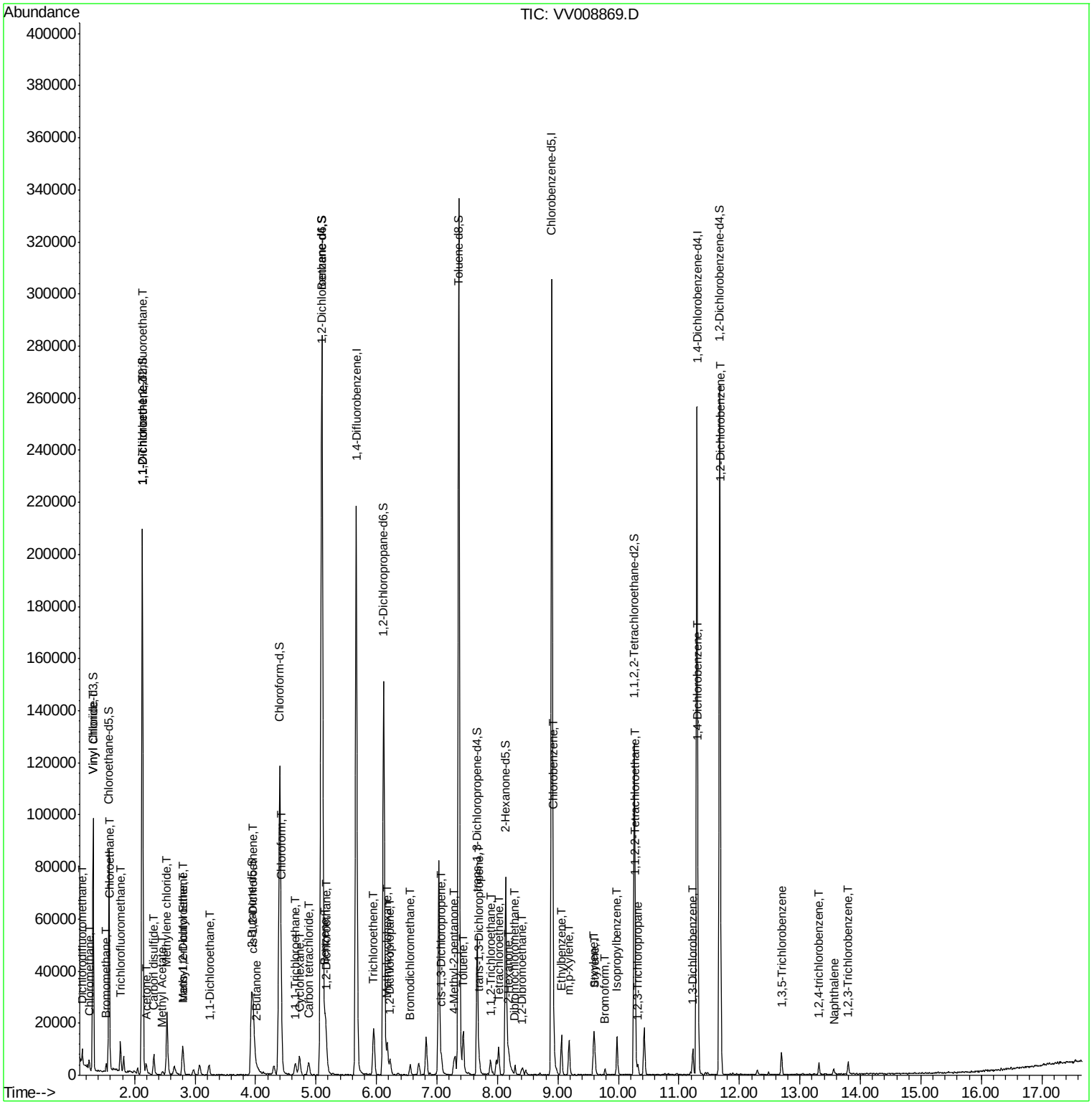
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120618\

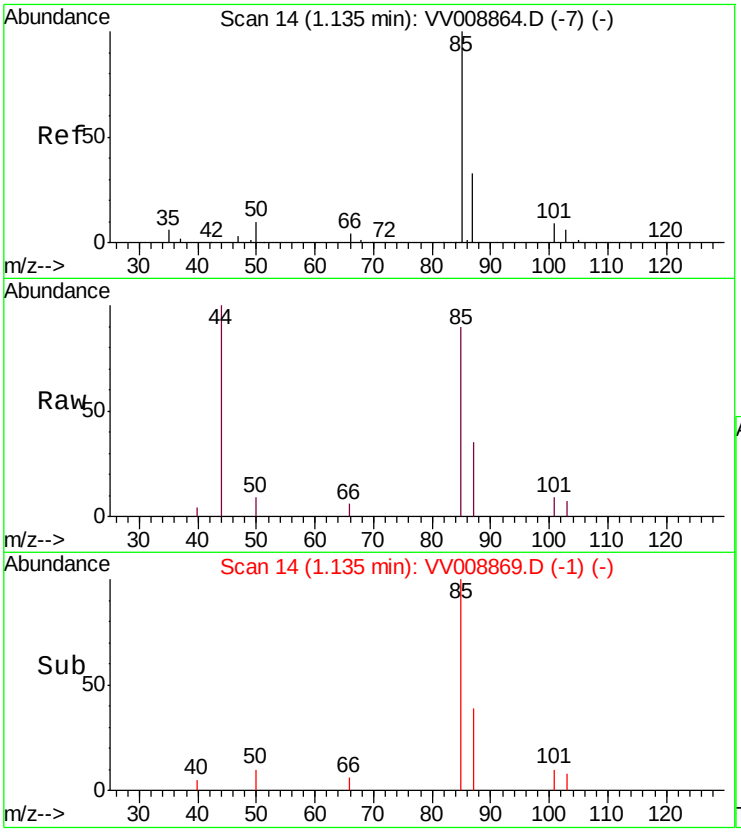
Quantitation Report (Not Reviewed)

Data File : VV008869.D
Acq On : 06 Dec 2018 21:22
Operator : SY/MD
Sample : MDL04
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Quant Time: Dec 07 01:41:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 07 01:37:11 2018
Response via : Initial Calibration



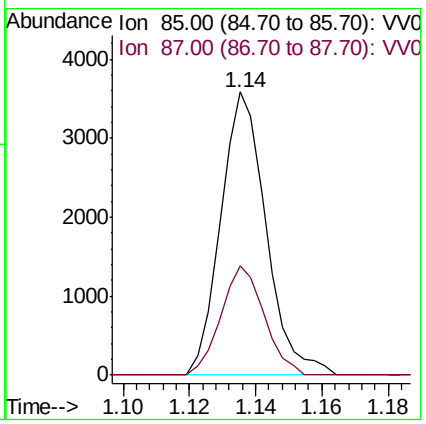


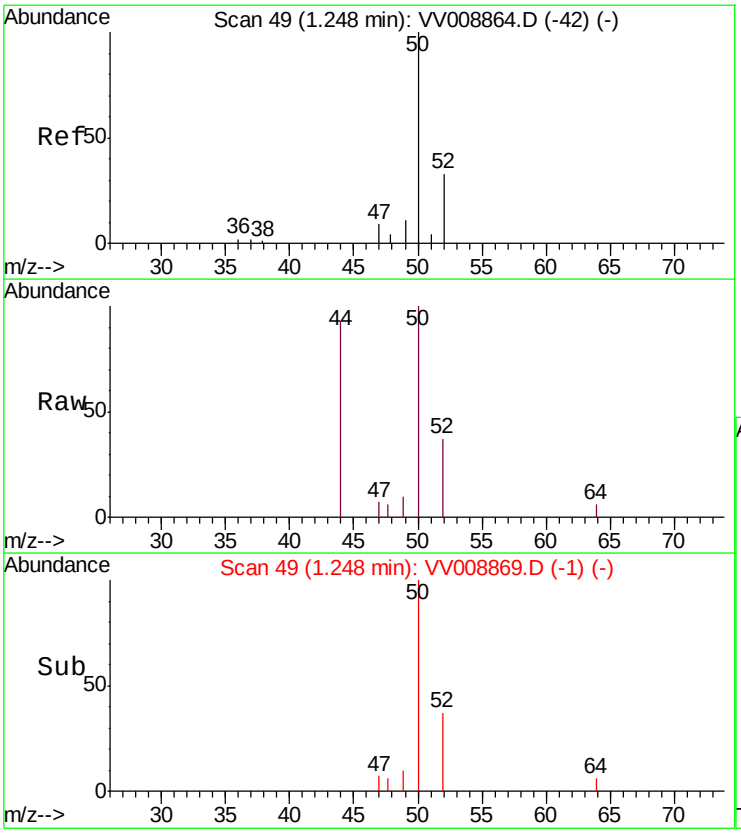
#2
Dichlorodifluoromethane
Concen: 1.059 ug/L
RT: 1.14 min Scan# 14
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 85 Resp: 3401

Ion	Ratio	Lower	Upper
85	100		
87	36.7	22.4	41.6

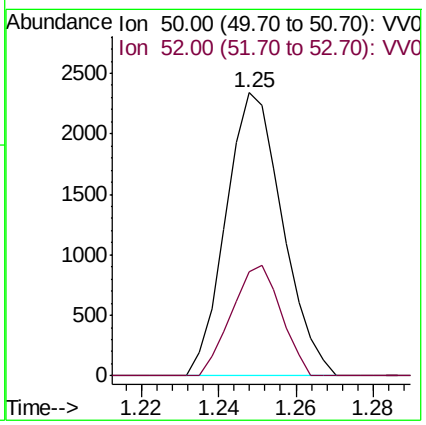


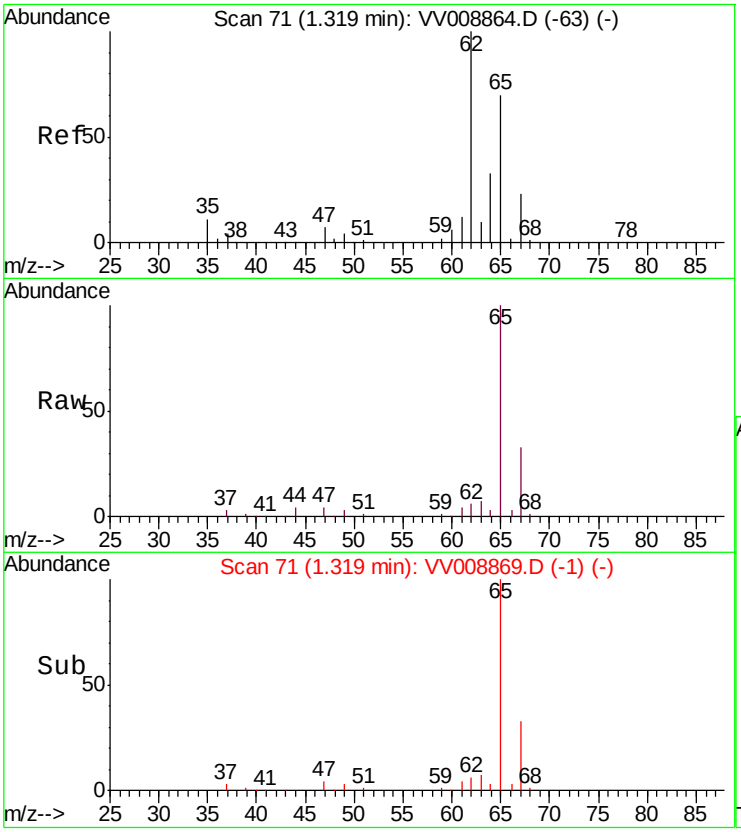


#3
Chloromethane
Concen: 1.076 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 50 Resp: 2376

Ion	Ratio	Lower	Upper
50	100		
52	37.0	23.2	43.2



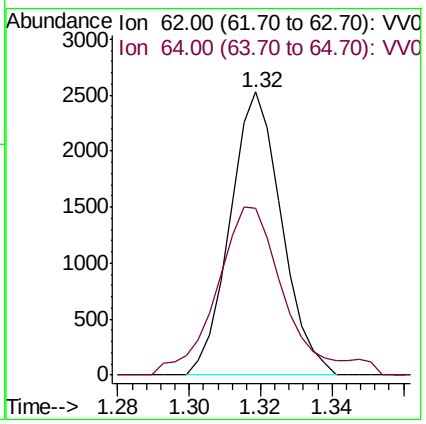


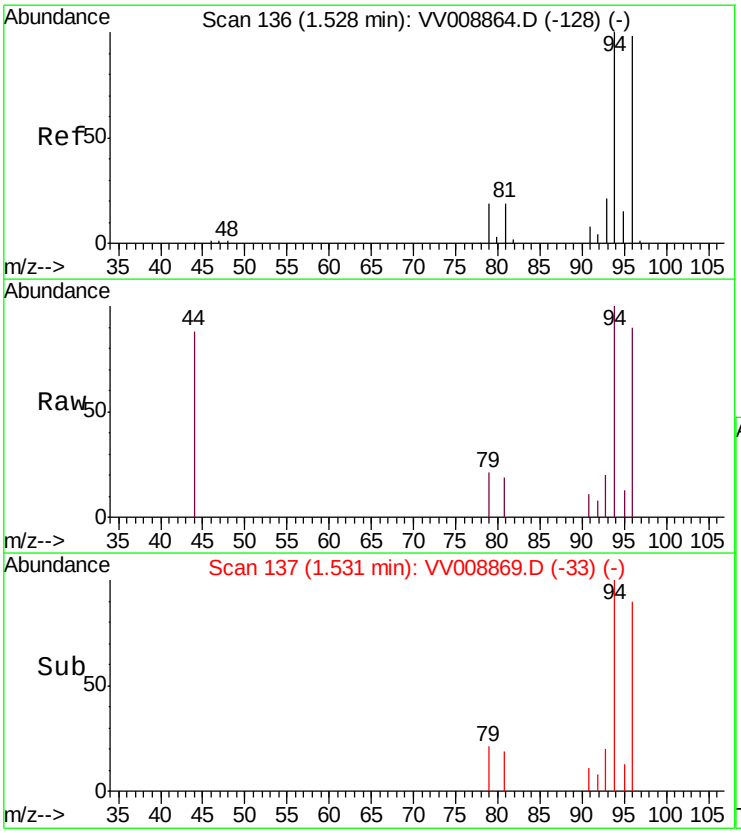
#5
Vinyl chloride
Concen: 1.024 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 62 Resp: 2524

Ion	Ratio	Lower	Upper
62	100		
64	58.9	23.3	43.3#

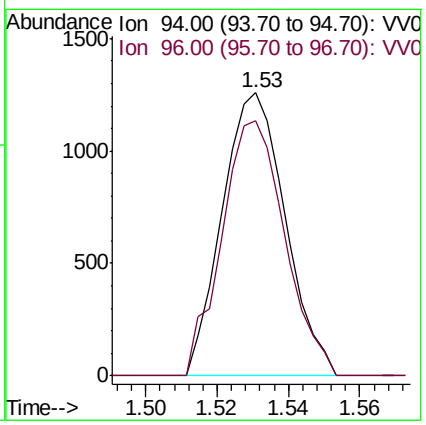


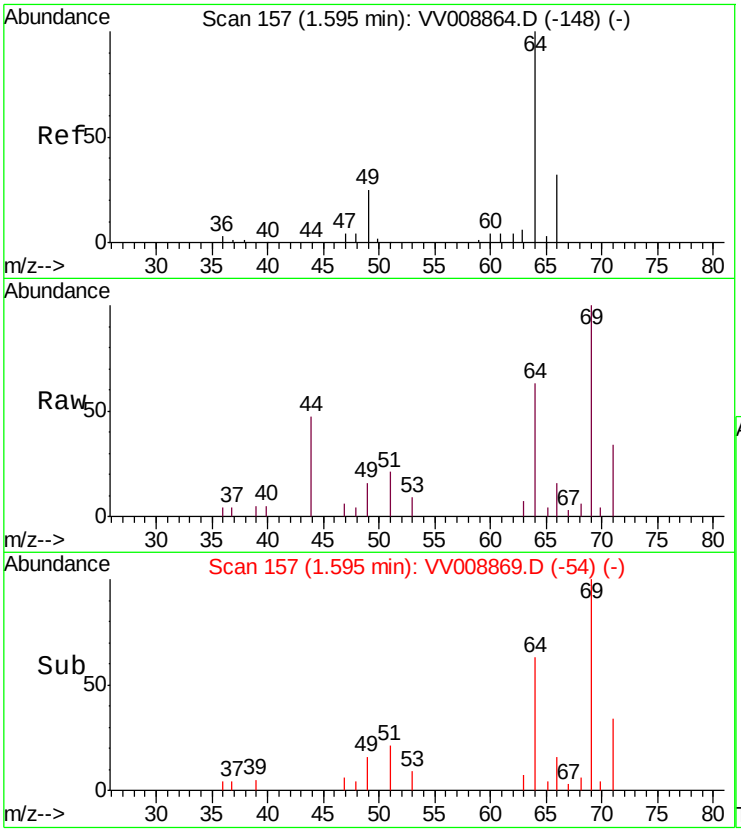


#6
Bromomethane
Concen: 1.298 ug/L
RT: 1.53 min Scan# 137
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 94 Resp: 1538

Ion	Ratio	Lower	Upper
94	100		
96	90.1	9.5	180.9



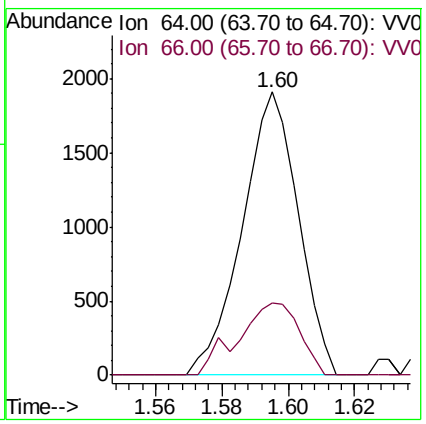


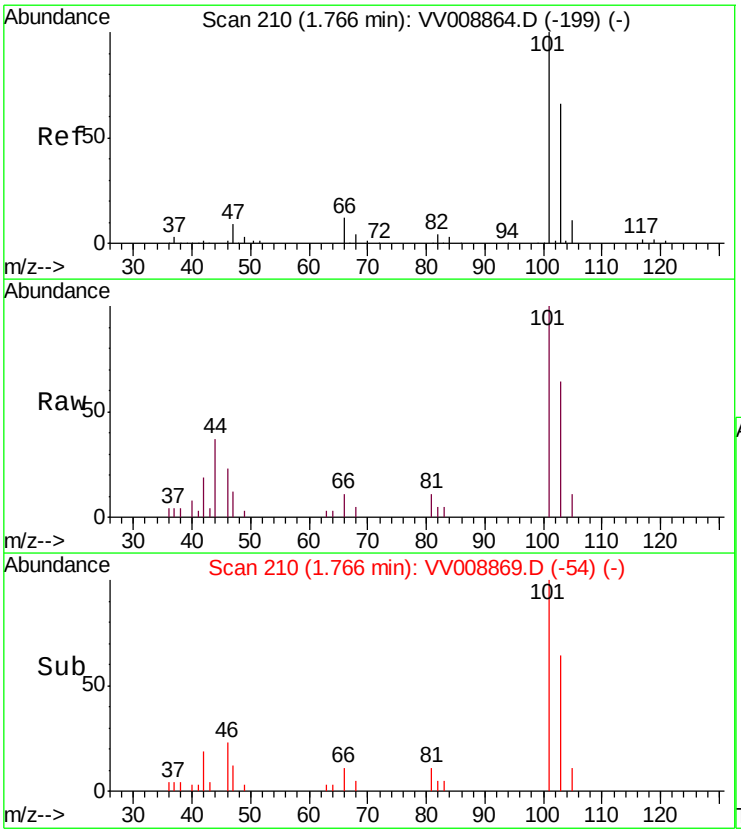
#8
Chloroethane
Concen: 1.623 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 2240

Ion	Ratio	Lower	Upper
64	100		
66	25.7	22.2	41.2

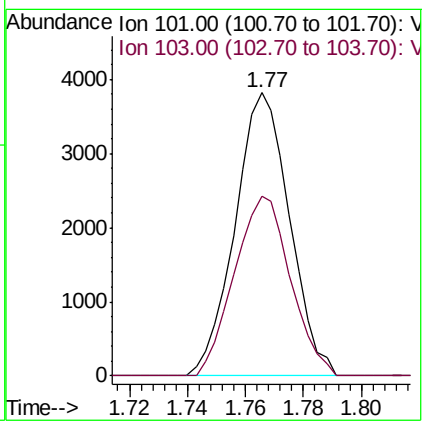


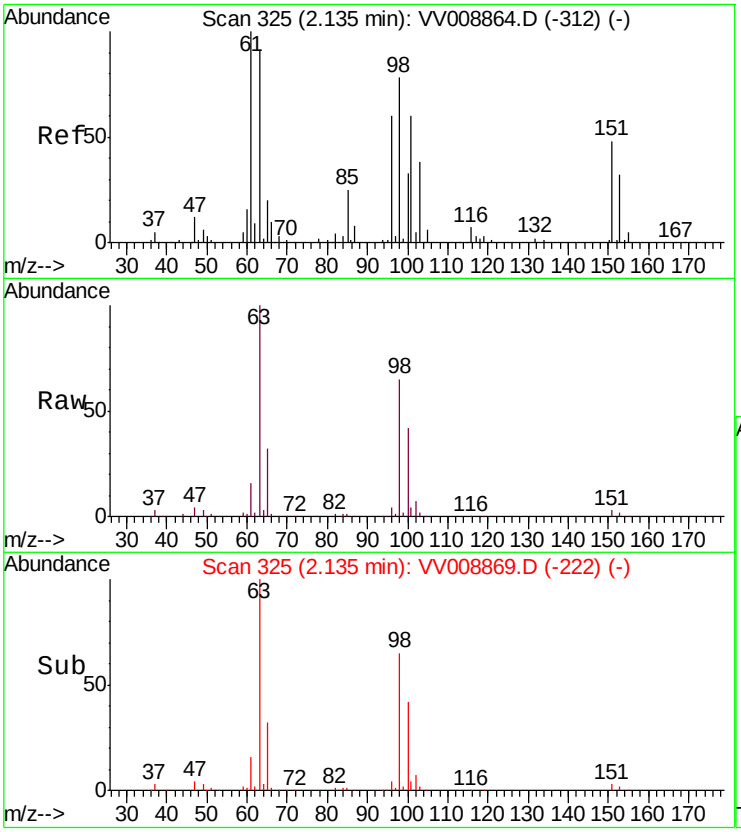


#9
Trichlorofluoromethane
Concen: 1.182 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:101 Resp: 4987

Ion	Ratio	Lower	Upper
101	100		
103	65.2	44.8	83.2



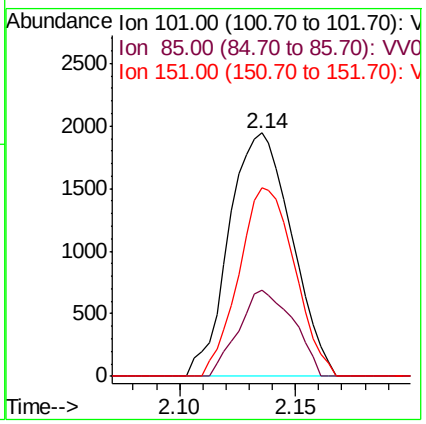


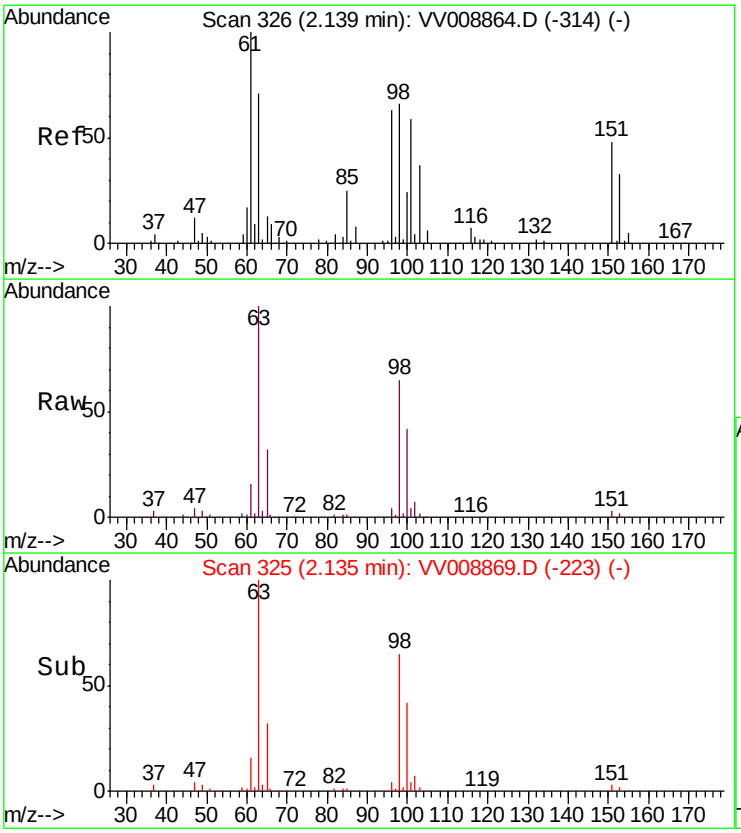
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.261 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 3650

Ion	Ratio	Lower	Upper
101	100		
85	31.0	32.5	48.7#
151	69.3	64.2	96.4

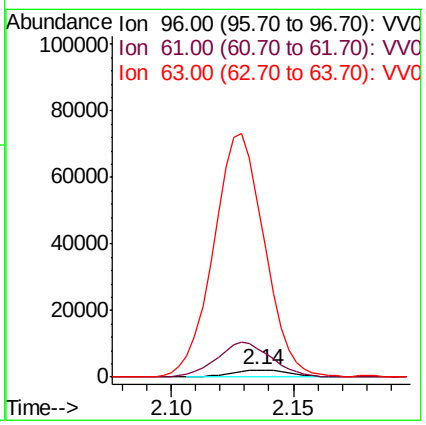


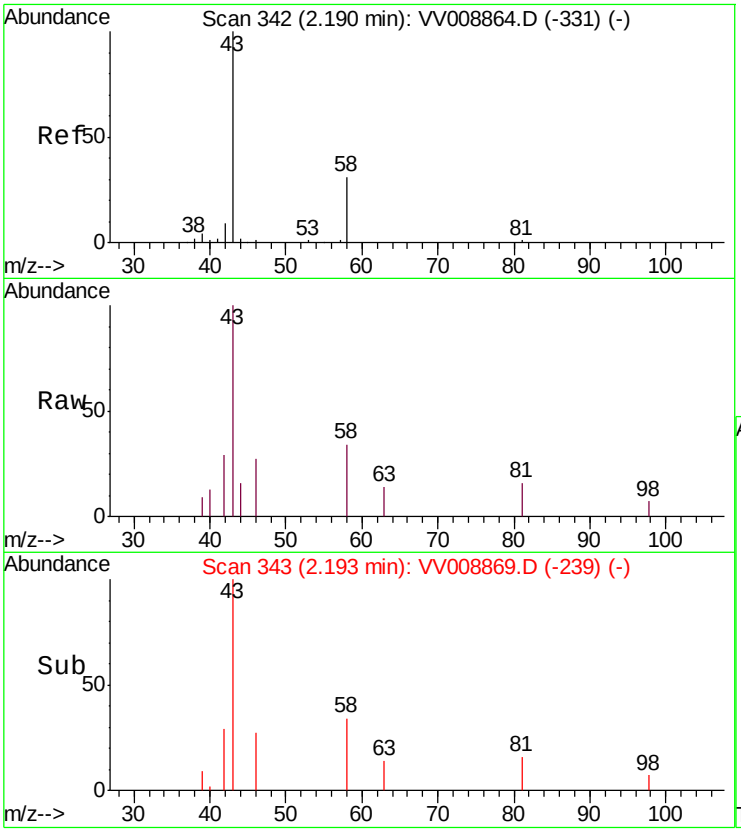


#12
1,1-Dichloroethene
Concen: 1.473 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 96 Resp: 3720

Ion	Ratio	Lower	Upper
96	100		
61	390.4	114.0	211.6#
63	2385.3	82.4	153.0#



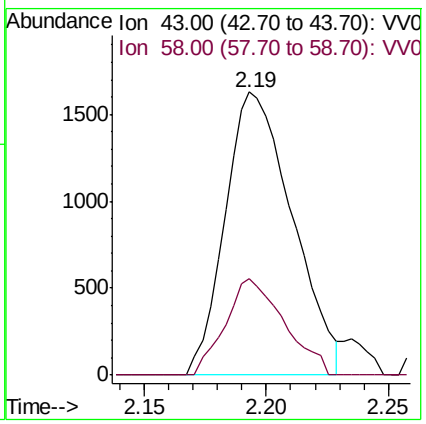


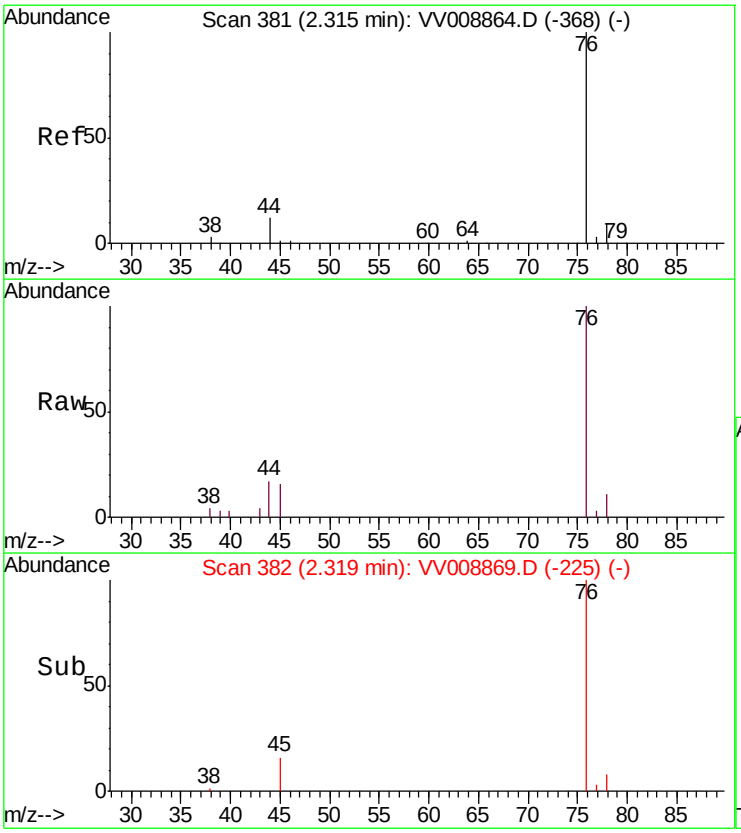
#13
Acetone
Concen: 2.863 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 43 Resp: 3114

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	65.4

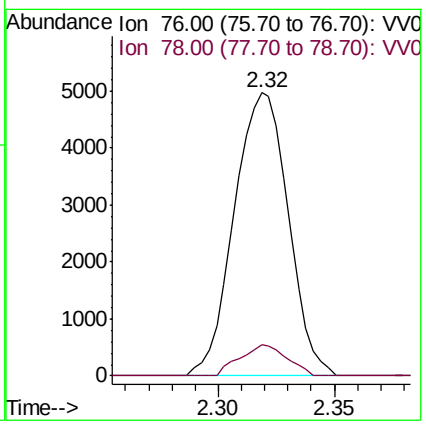


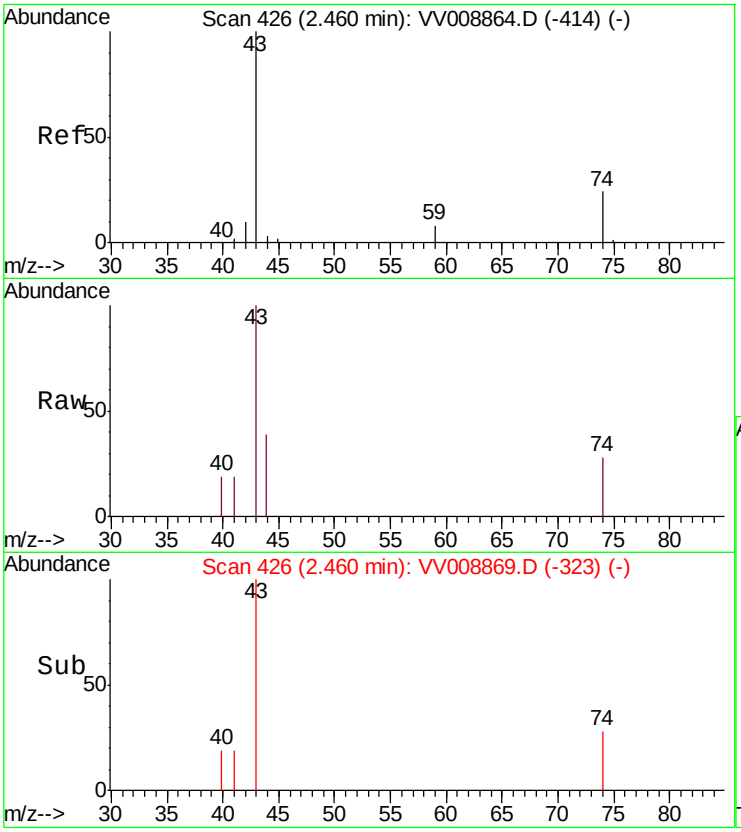


#14
Carbon disulfide
Concen: 0.993 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 76 Resp: 8056

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.4	11.0



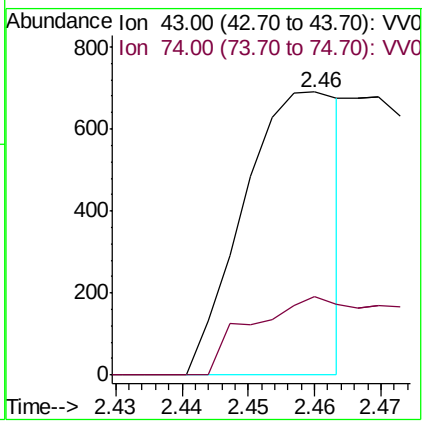


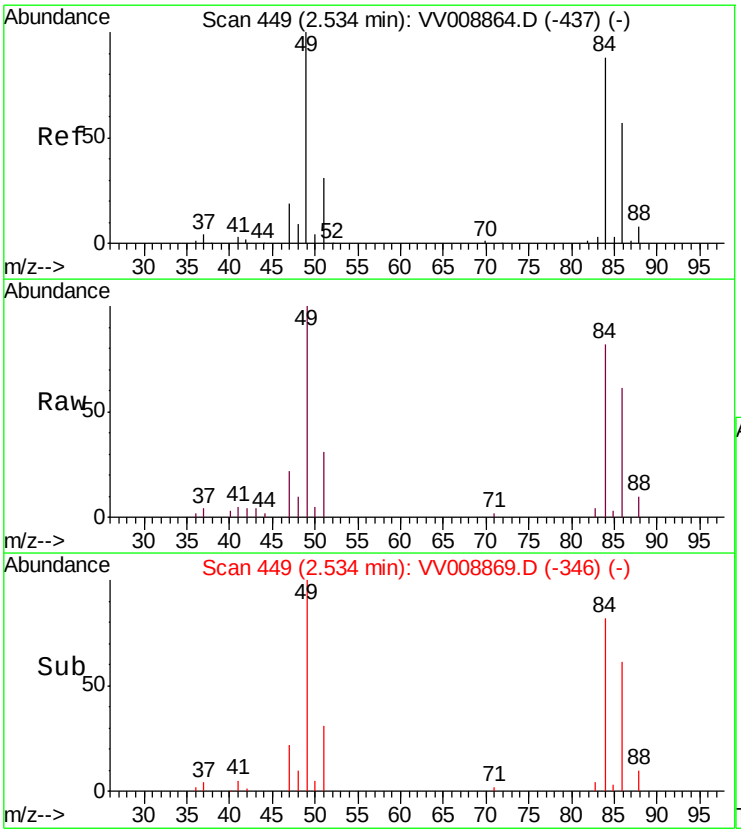
#15
Methyl Acetate
Concen: 0.502 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 692

Ion	Ratio	Lower	Upper
43	100		
74	11.3	19.7	29.5#

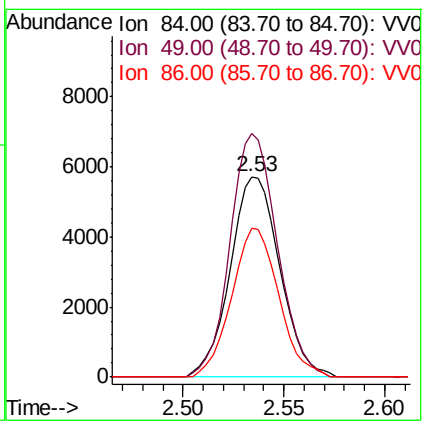


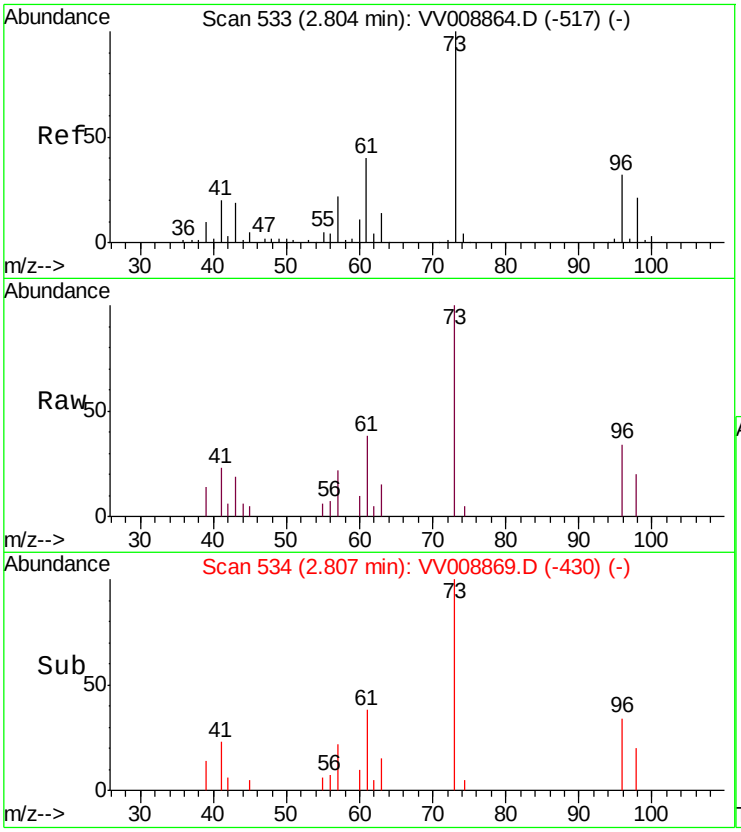


#16
Methylene chloride
Concen: 2.988 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 84 Resp: 9859

Ion	Ratio	Lower	Upper
84	100		
49	121.6	80.5	149.5
86	74.1	45.5	84.5



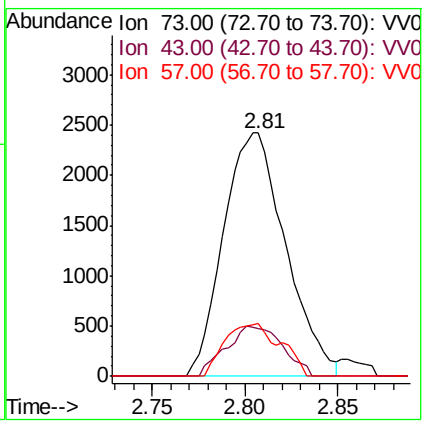


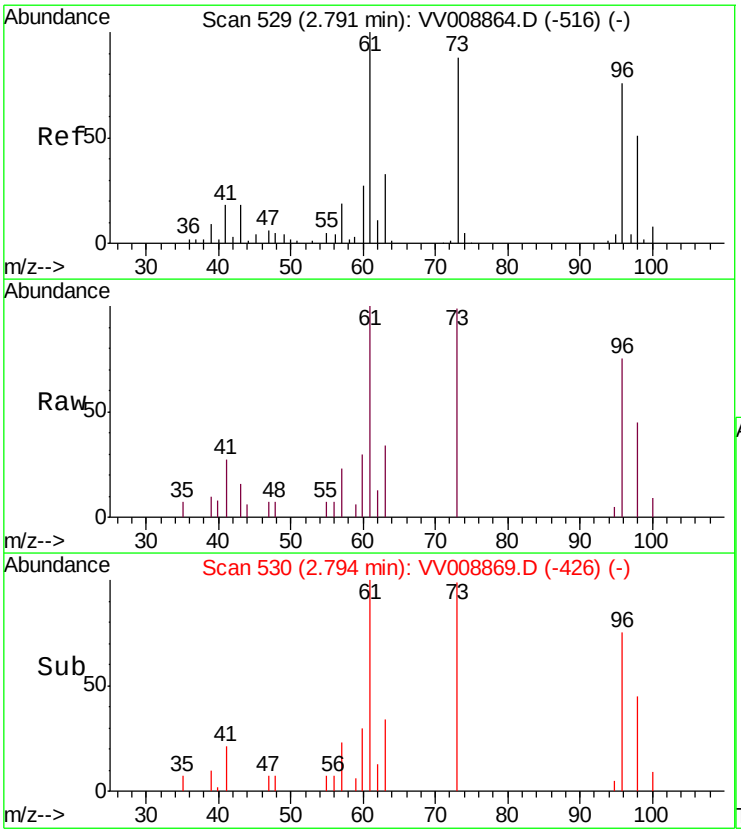
#17
Methyl tert-butyl Ether
Concen: 0.980 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 5625

Ion	Ratio	Lower	Upper
73	100		
43	18.8	14.9	22.3
57	16.0	16.0	24.0#

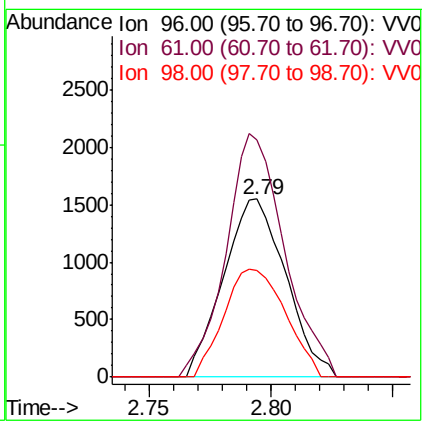


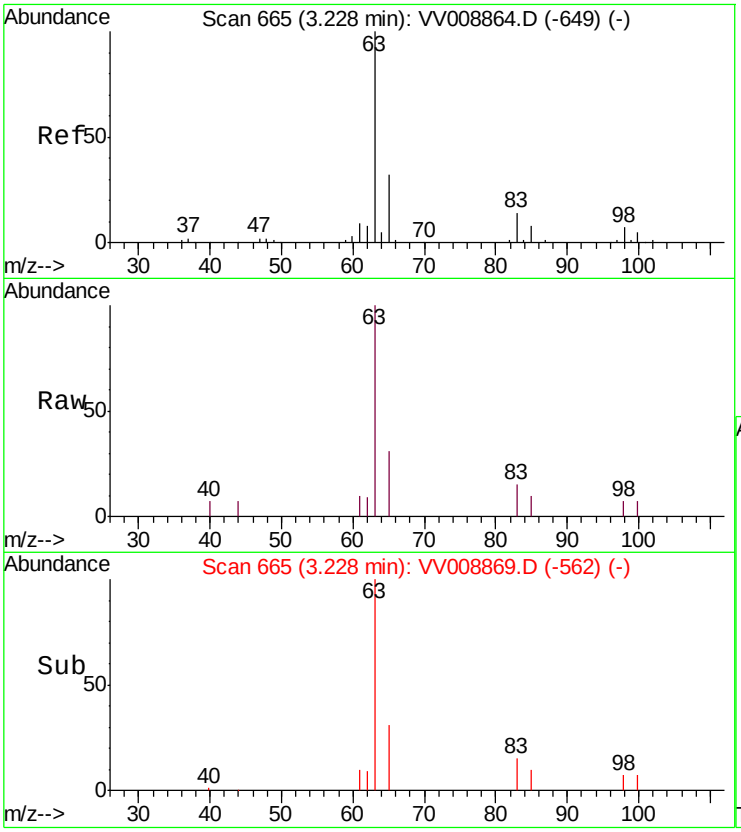


#18
trans-1,2-Dichloroethene
Concen: 1.005 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 96 Resp: 2744

Ion	Ratio	Lower	Upper
96	100		
61	133.4	94.6	175.8
98	59.5	45.3	84.1



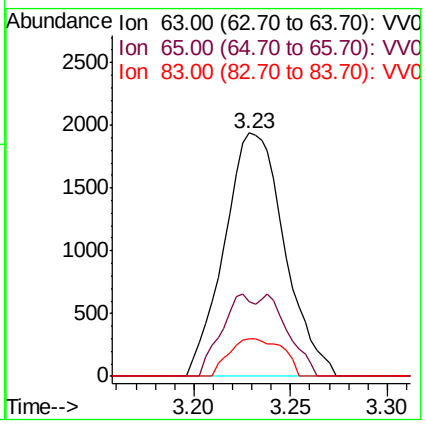


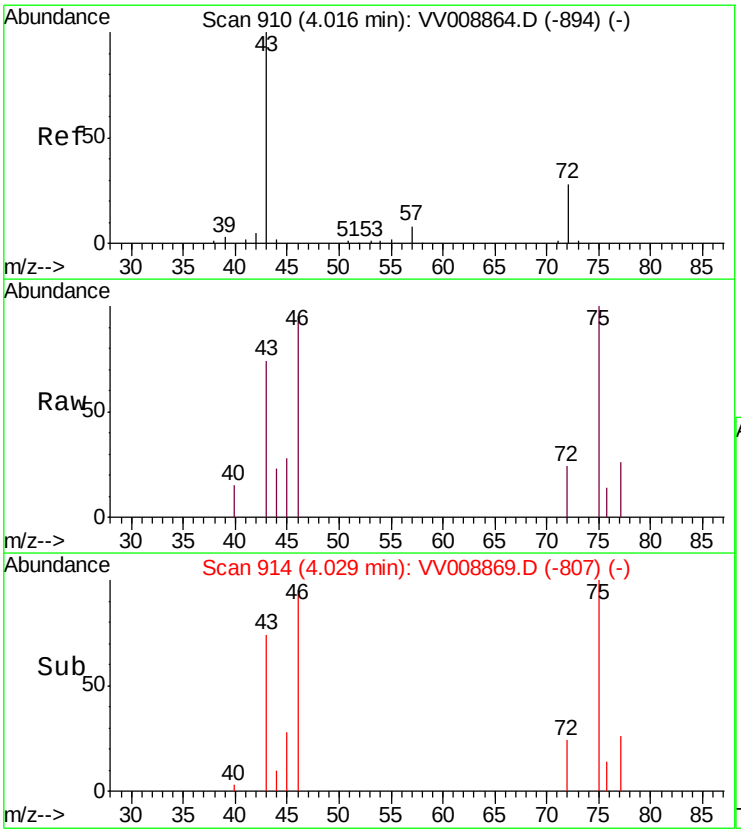
#19
1,1-Dichloroethane
Concen: 0.947 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 63 Resp: 4190

Ion	Ratio	Lower	Upper
63	100		
65	30.8	22.7	42.1
83	15.5	10.2	19.0

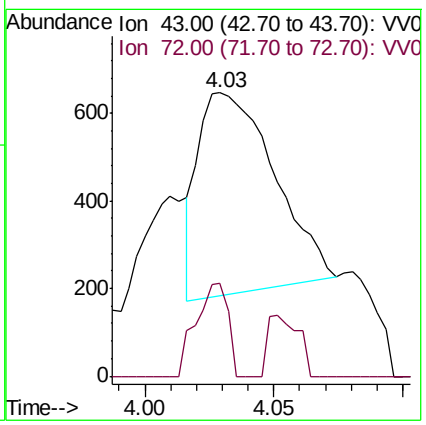


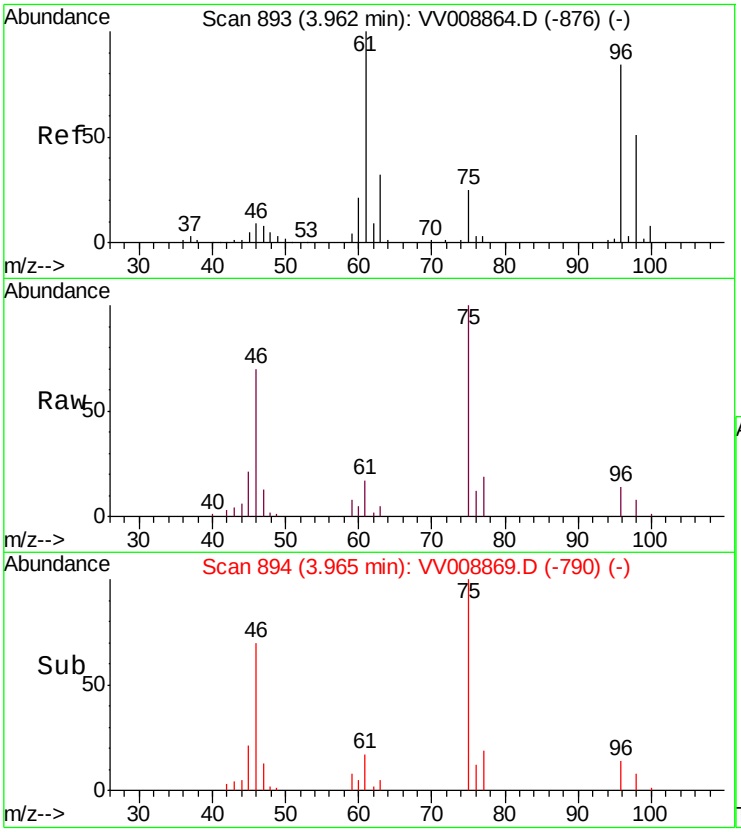


#21
2-Butanone
Concen: 0.921 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 43 Resp: 939

Ion	Ratio	Lower	Upper
43	100		
72	19.3	13.7	41.1



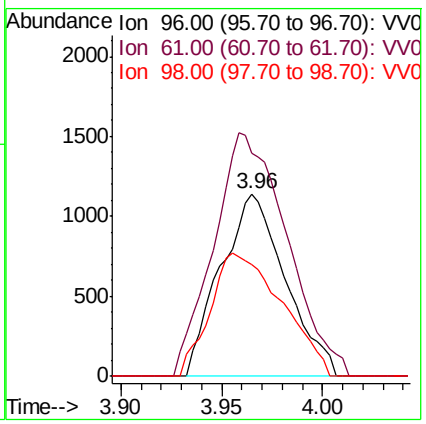


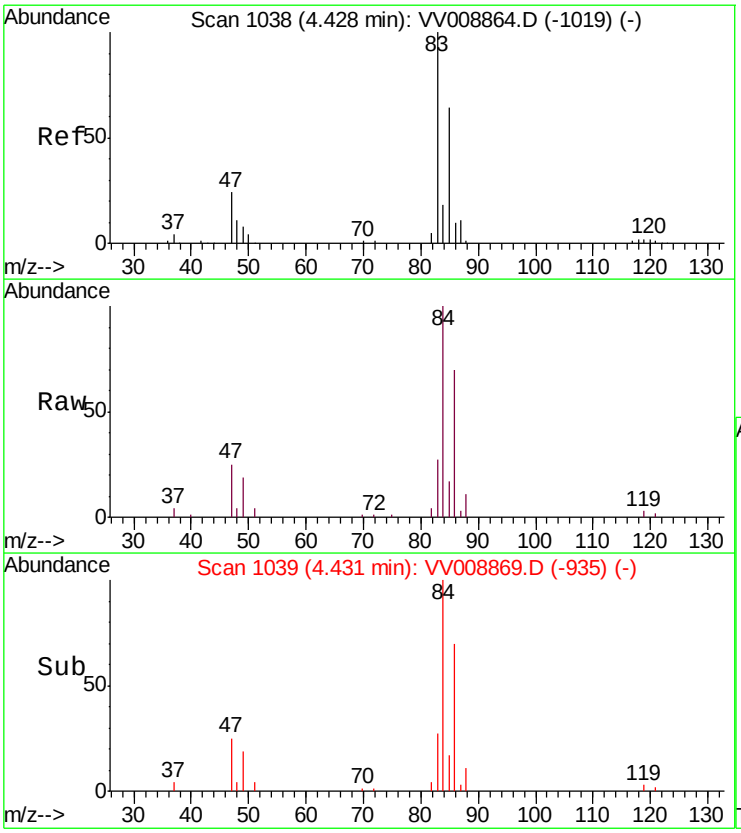
#22
cis-1,2-Dichloroethene
Concen: 0.897 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 96 Resp: 2552

Ion	Ratio	Lower	Upper
96	100		
61	122.4	86.2	160.0
98	60.8	45.6	84.6

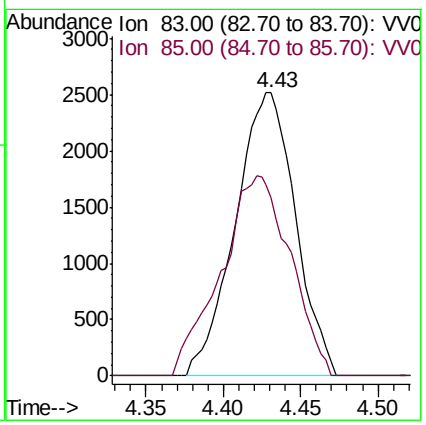


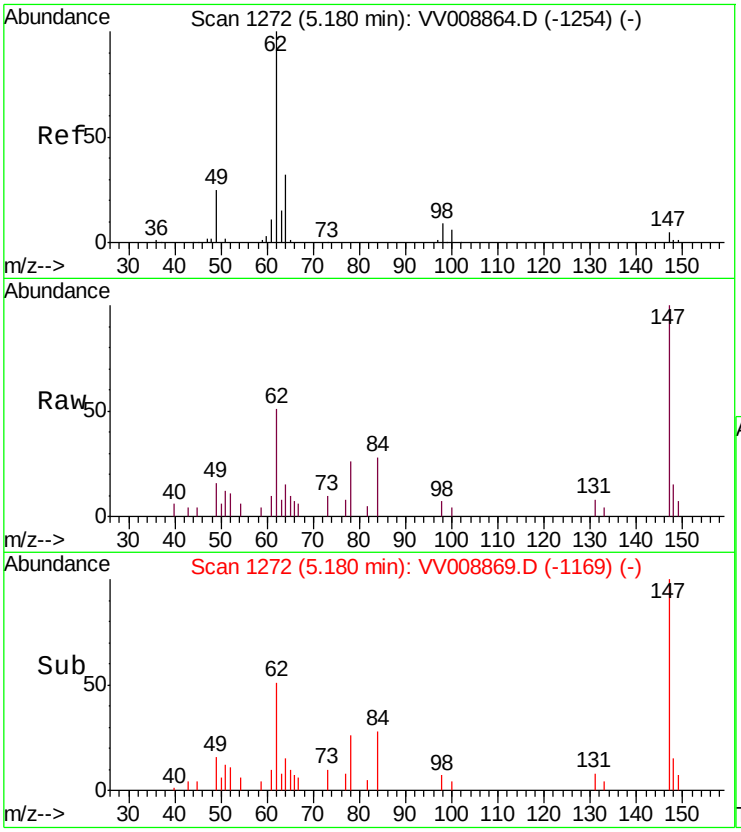


#25
Chloroform
Concen: 1.434 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 83 Resp: 6811

Ion	Ratio	Lower	Upper
83	100		
85	81.5	45.6	84.8



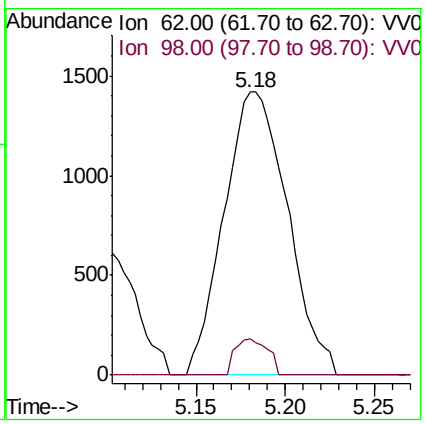


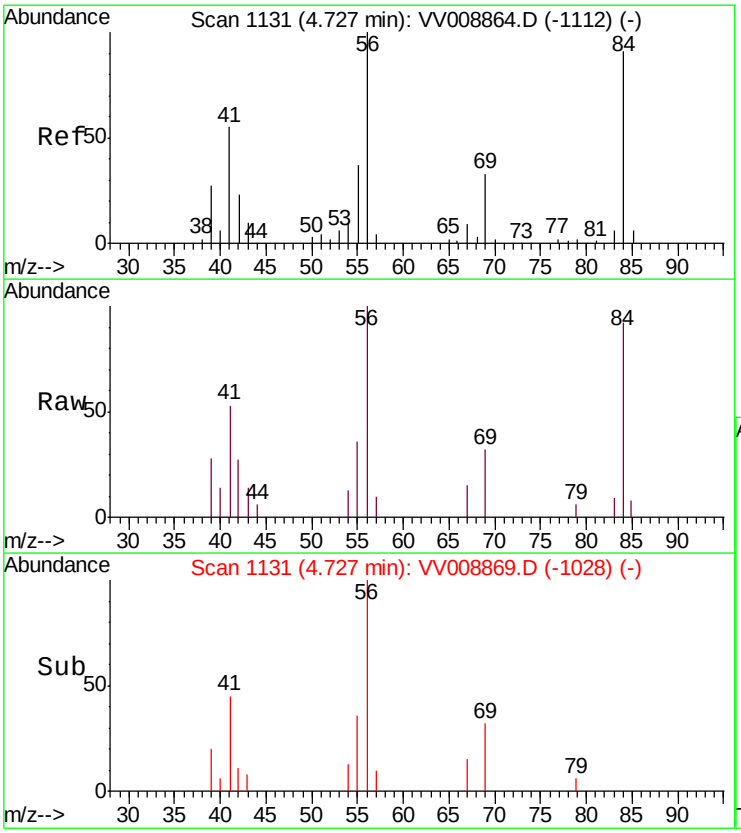
#27
1,2-Dichloroethane
Concen: 1.088 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 62 Resp: 3518

Ion	Ratio	Lower	Upper
62	100		
98	12.9	7.4	11.0#

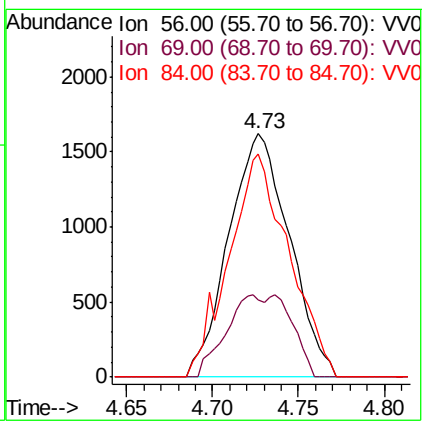


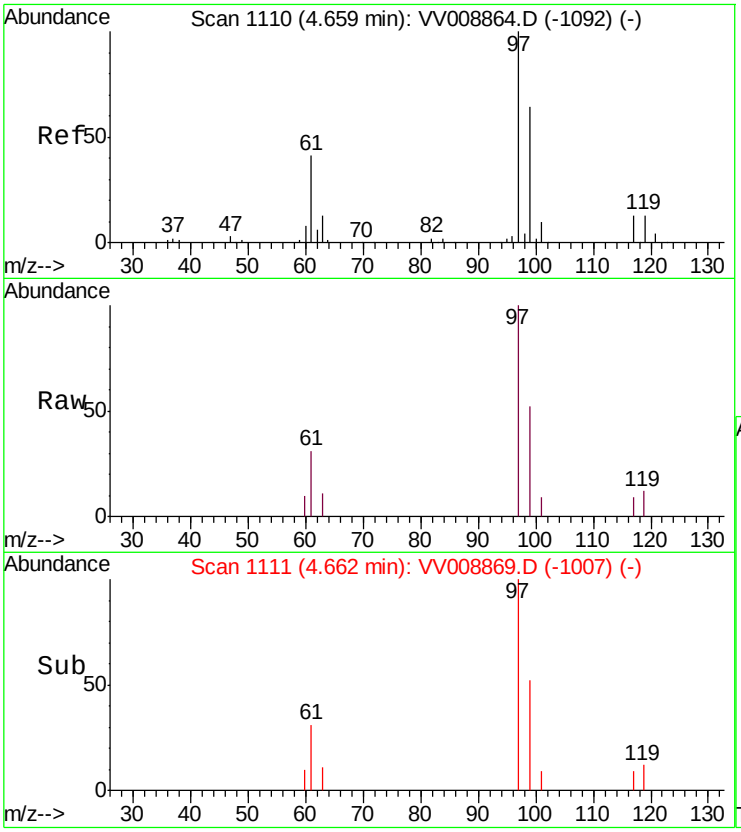


#30
Cyclohexane
Concen: 0.903 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 56 Resp: 3966

Ion	Ratio	Lower	Upper
56	100		
69	21.3	25.8	38.8#
84	83.7	73.0	109.6



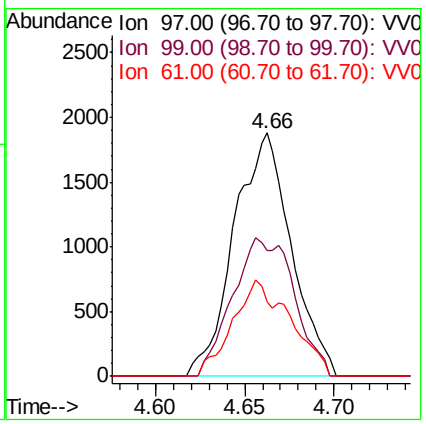


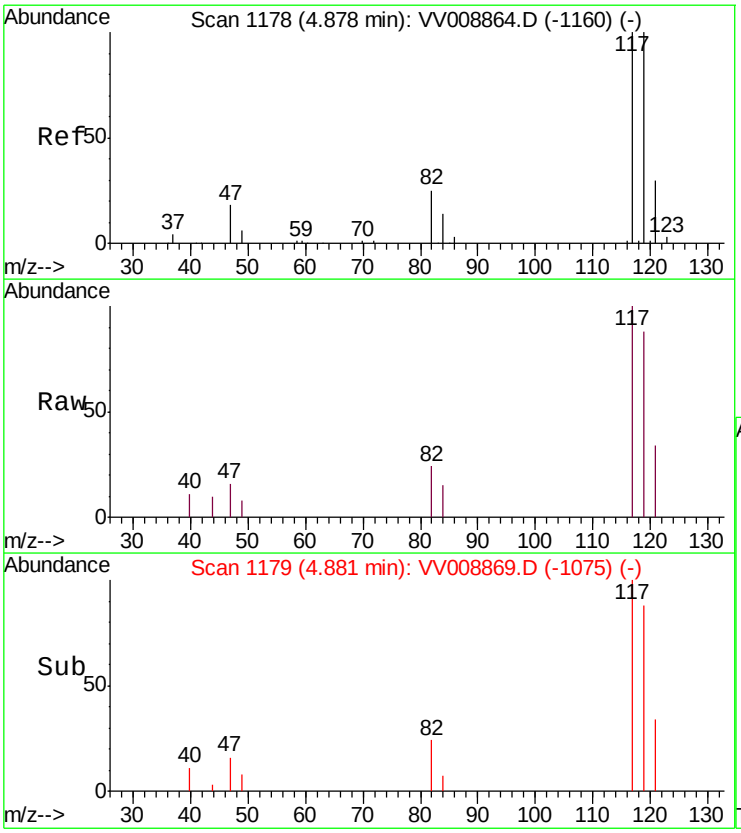
#31
1,1,1-Trichloroethane
Concen: 0.935 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 97 Resp: 4206

Ion	Ratio	Lower	Upper
97	100		
99	35.5	51.9	77.9#
61	26.0	33.1	49.7#

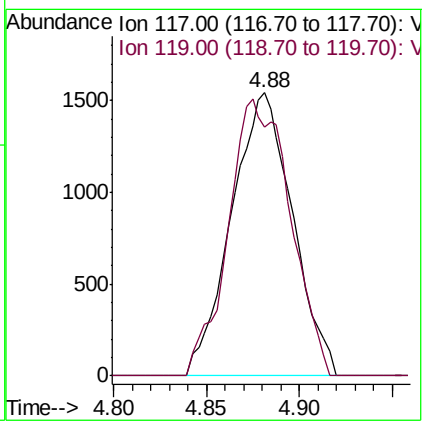


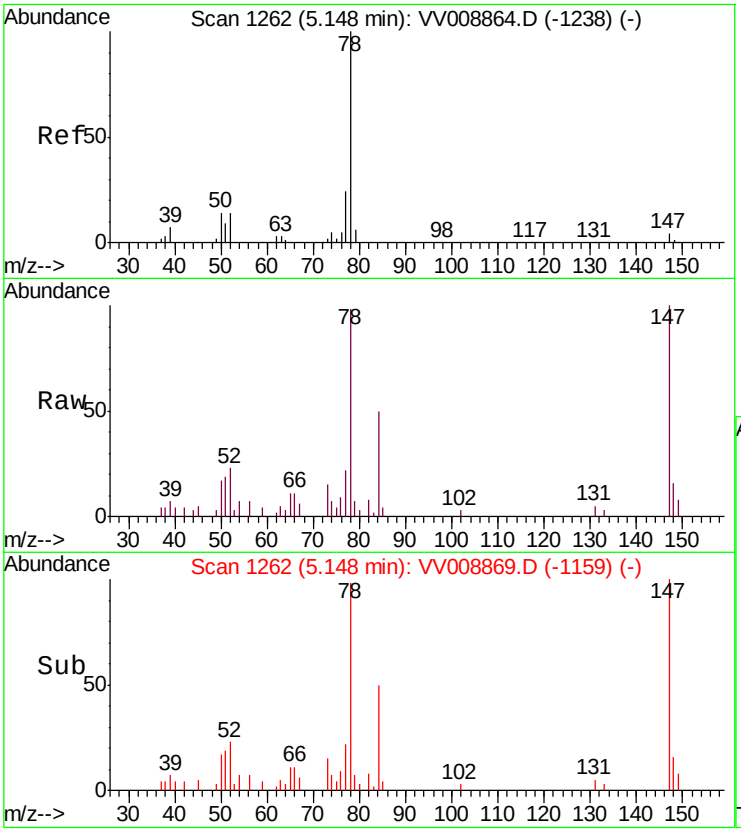


#32
Carbon tetrachloride
Concen: 0.862 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:117 Resp: 3542

Ion	Ratio	Lower	Upper
117	100		
119	58.6	77.1	115.7#

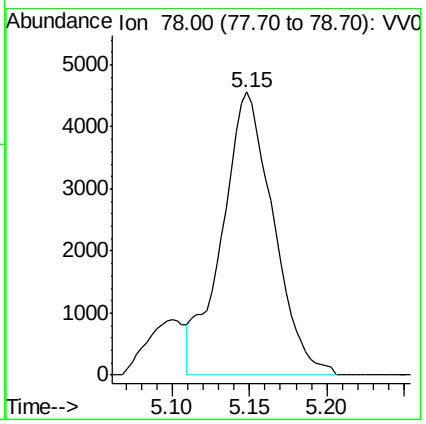


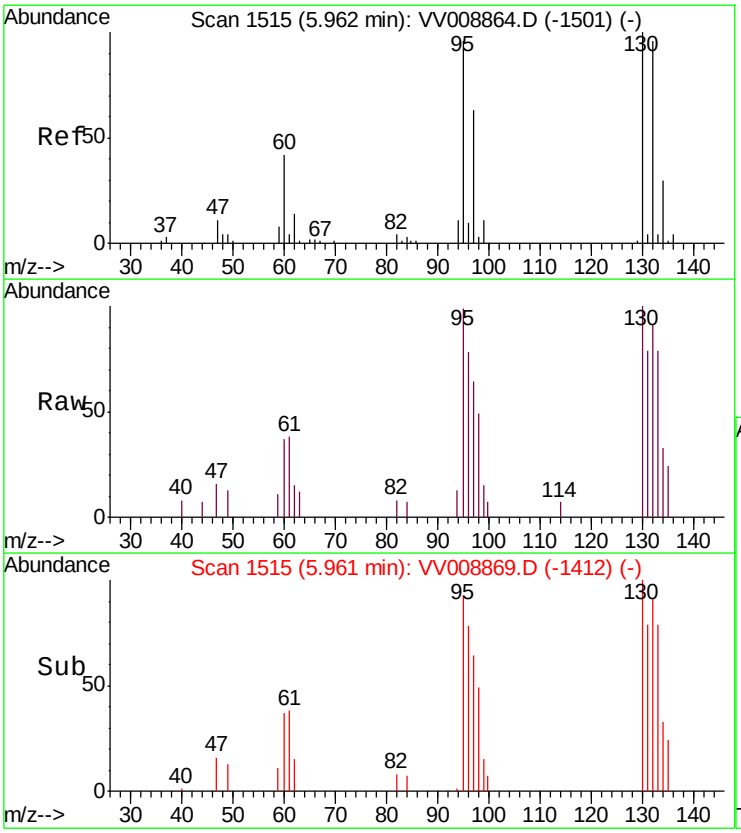


#34
Benzene
Concen: 1.008 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 78 Resp: 10541

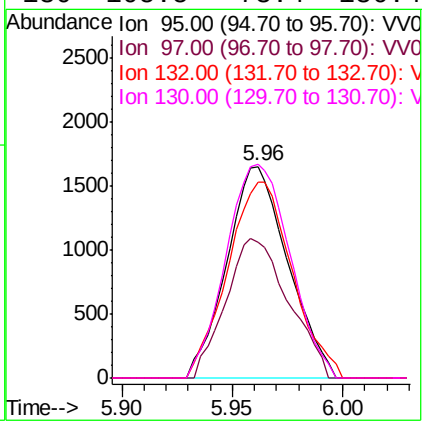


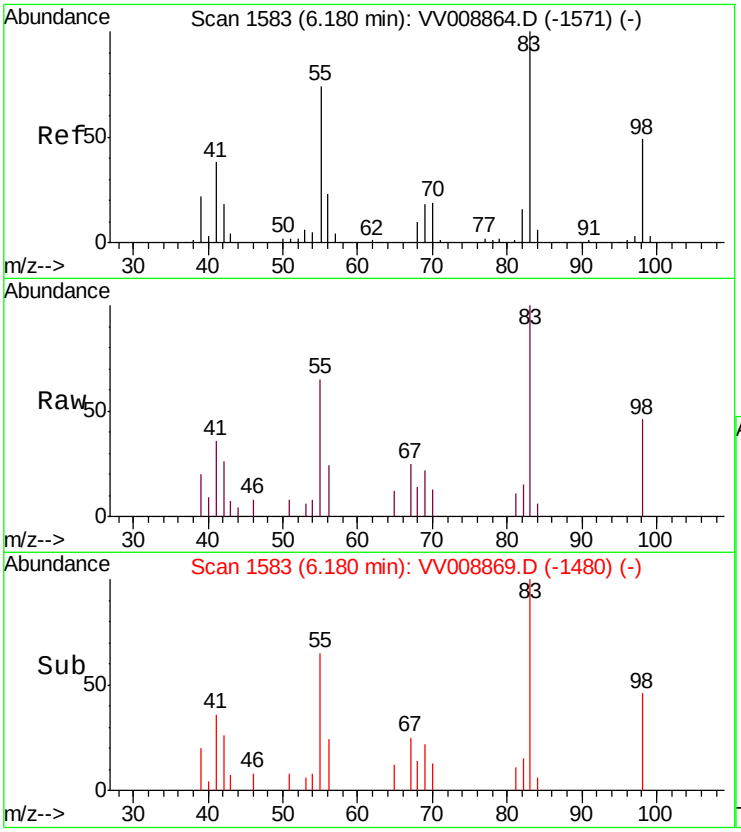


#35
Trichloroethene
Concen: 1.010 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 95 Resp: 3182

Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.3	84.1
132	97.3	70.0	130.0
130	105.5	73.4	136.4



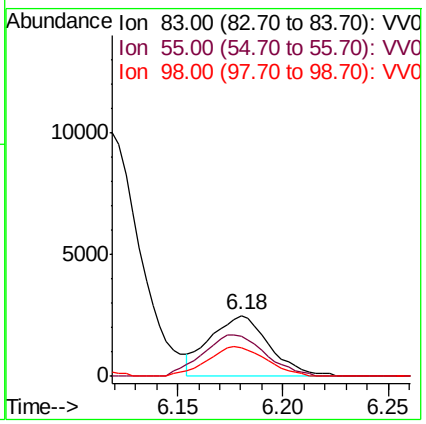


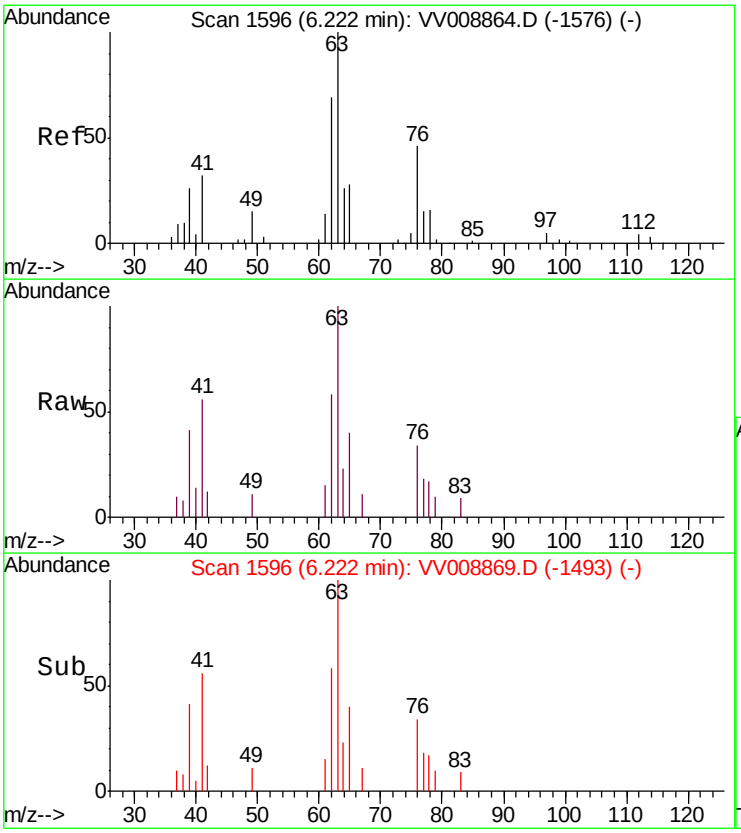
#36
Methylcyclohexane
Concen: 0.975 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 4899

Ion	Ratio	Lower	Upper
83	100		
55	71.1	58.2	87.2
98	48.6	37.8	56.8

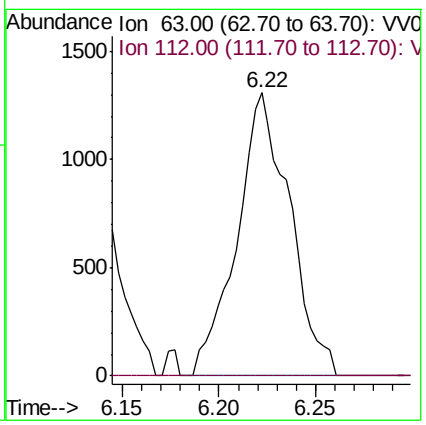


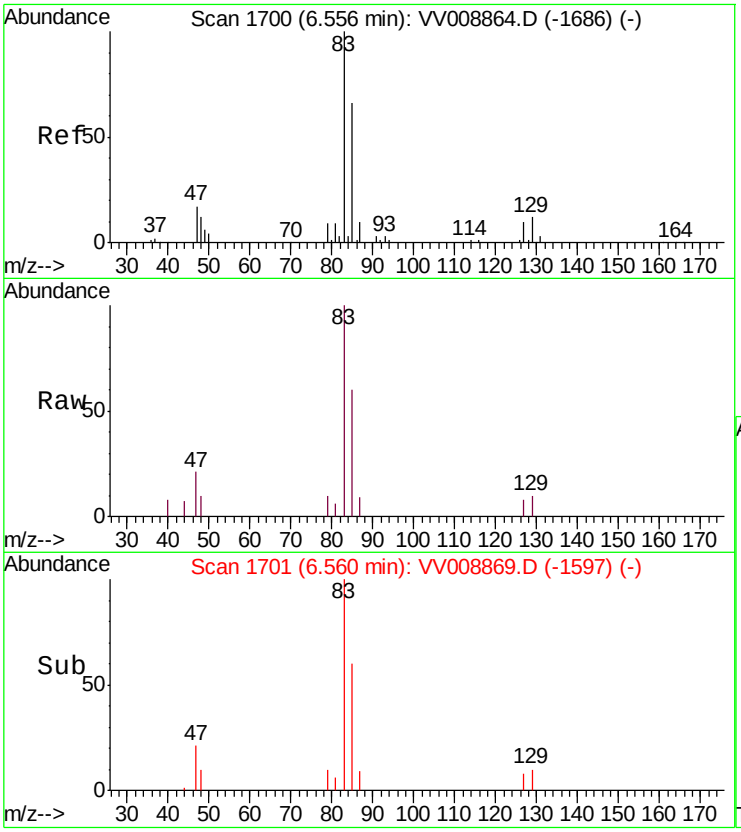


#40
1,2-Dichloropropane
Concen: 0.994 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 63 Resp: 2494

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



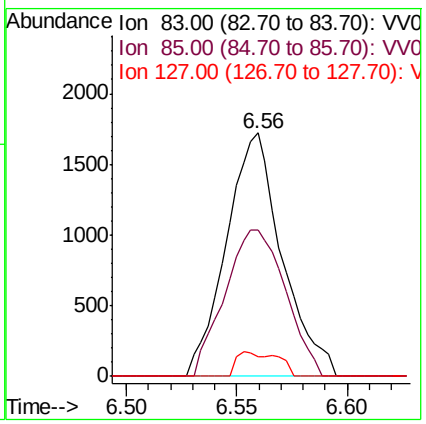


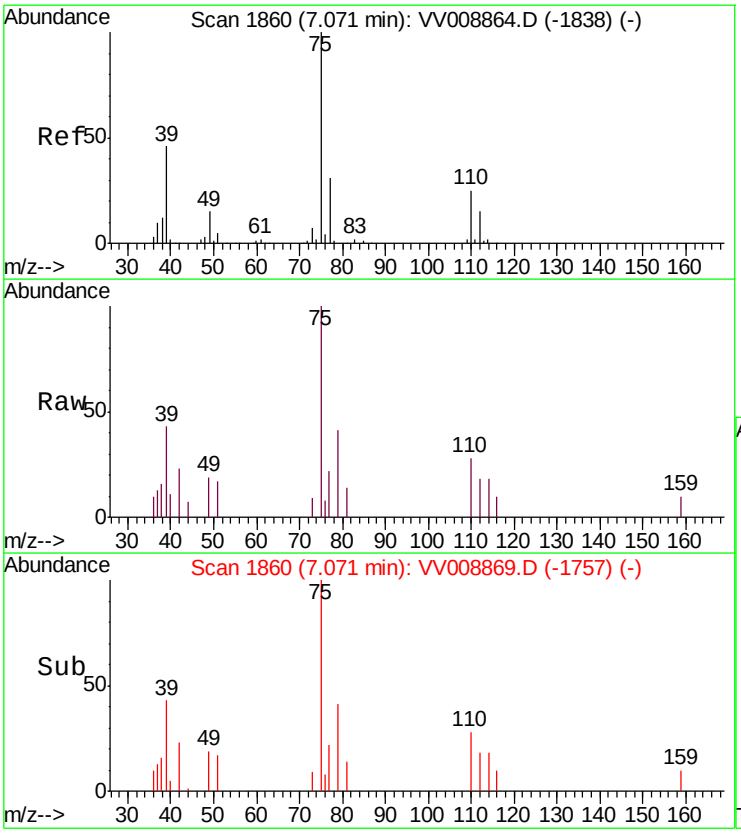
#41
Bromodichloromethane
Concen: 0.912 ug/L
RT: 6.56 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 3015

Ion	Ratio	Lower	Upper
83	100		
85	59.9	45.3	84.1
127	8.2	7.2	10.8

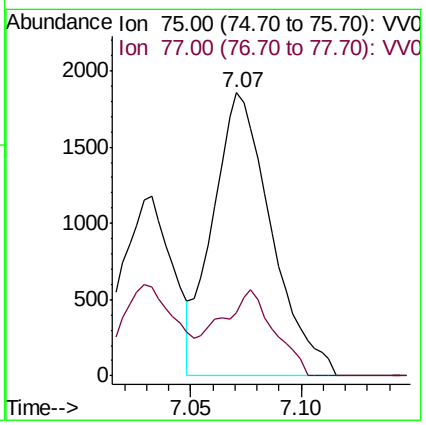


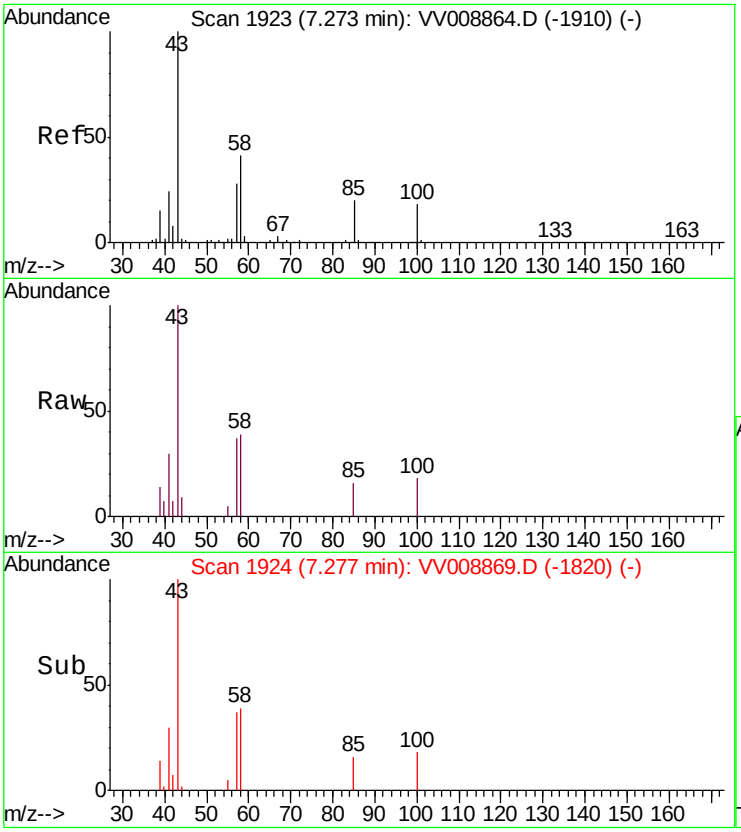


#42
cis-1,3-Dichloropropene
Concen: 0.930 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 75 Resp: 3415

Ion	Ratio	Lower	Upper
75	100		
77	22.1	21.3	39.6



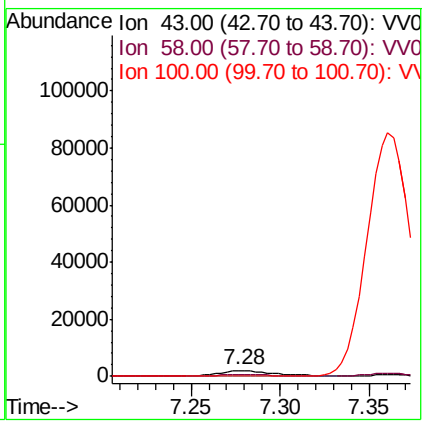


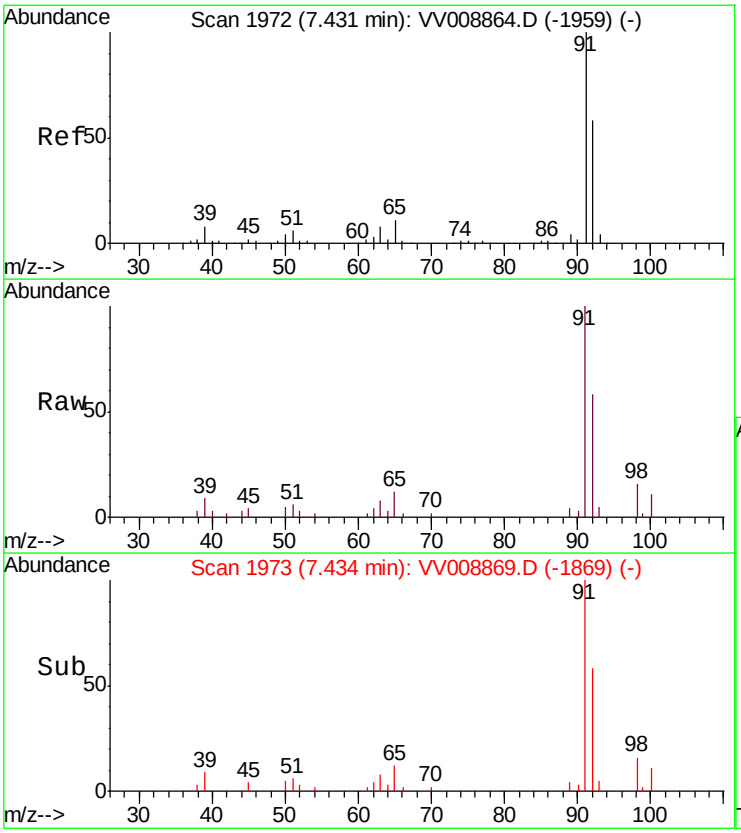
#43
4-Methyl-2-pentanone
Concen: 2.636 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion: 43 Resp: 4470

Ion	Ratio	Lower	Upper
43	100		
58	33.6	32.2	48.4
100	12.7	13.8	20.8#

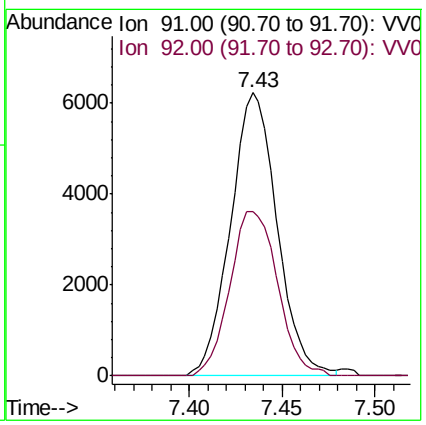


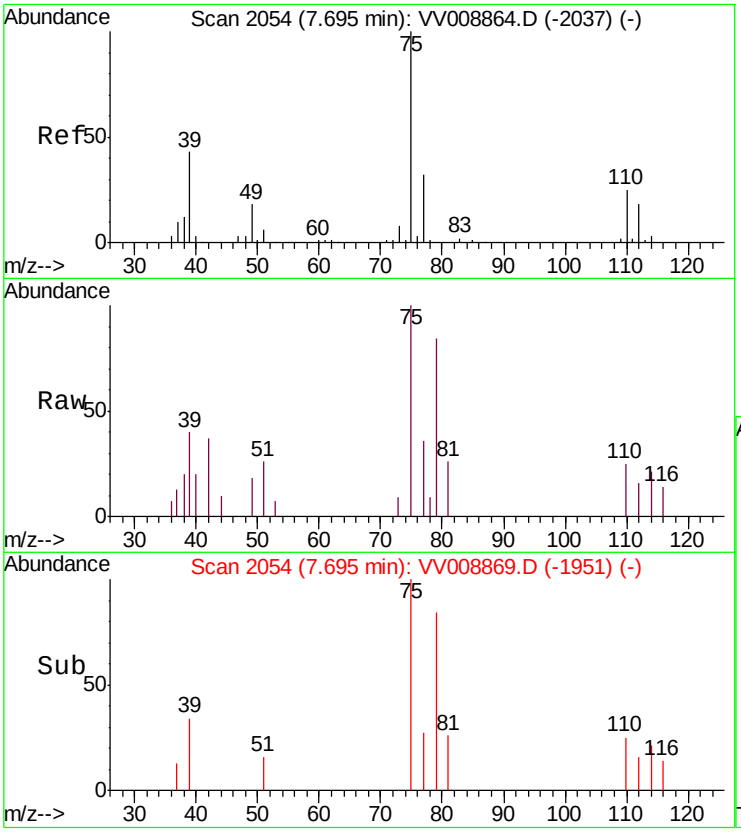


#44
Toluene
Concen: 0.996 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 91 Resp: 10924

Ion	Ratio	Lower	Upper
91	100		
92	58.3	41.7	77.5



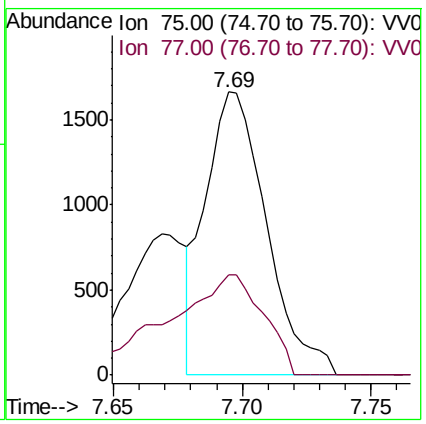


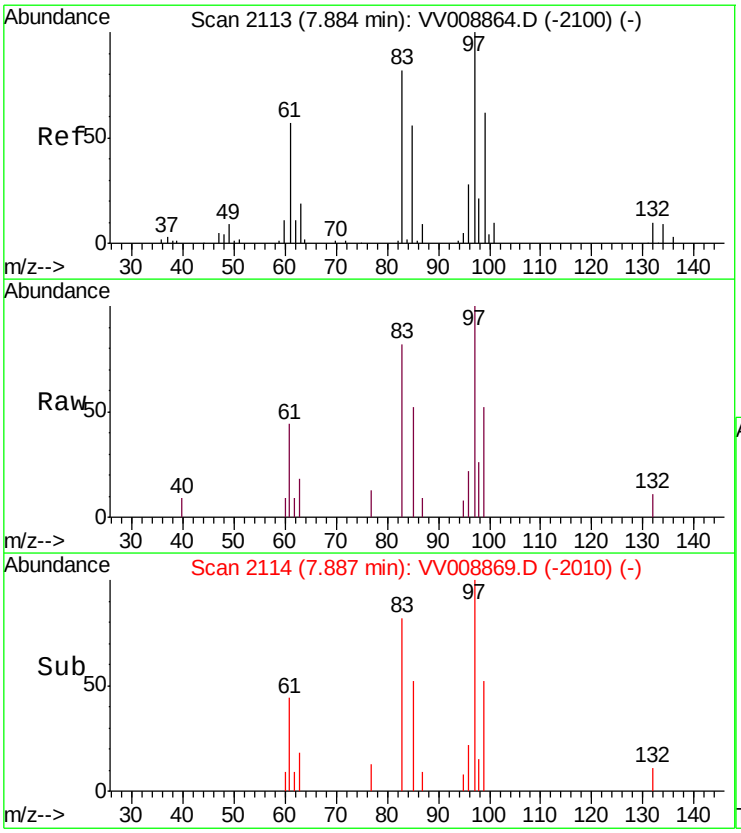
#45
trans-1,3-Dichloropropene
Concen: 0.857 ug/L
RT: 7.69 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 2743

Ion	Ratio	Lower	Upper
75	100		
77	35.7	23.6	43.8

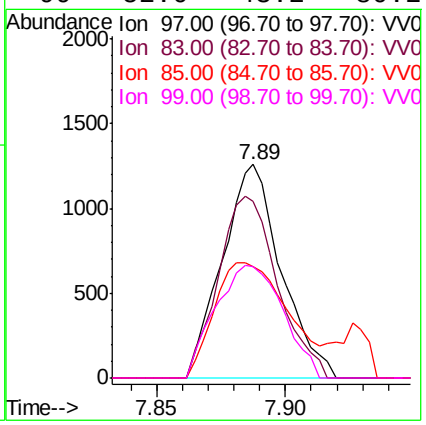


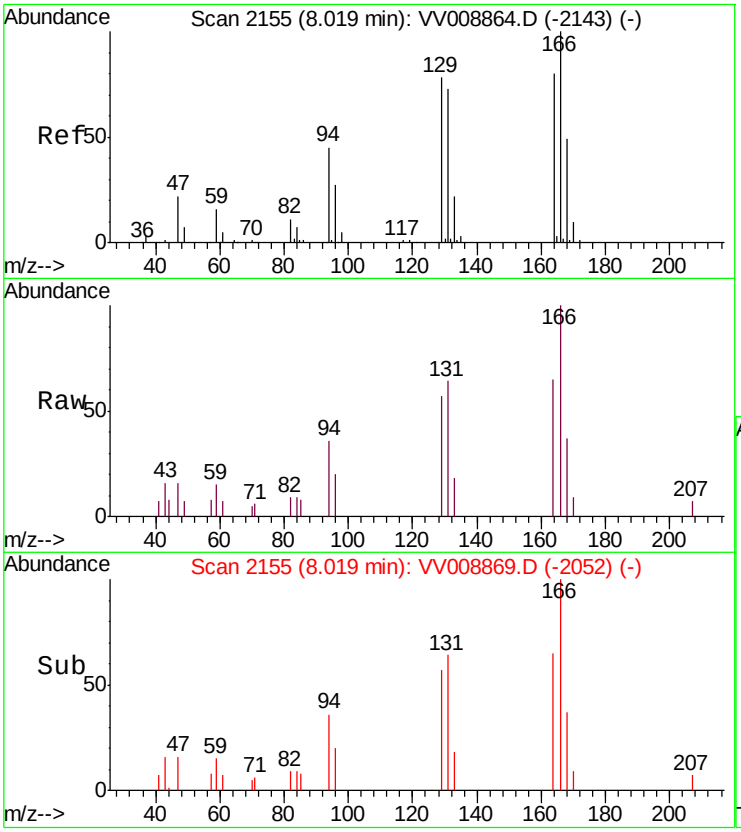


#46
1,1,2-Trichloroethane
Concen: 0.961 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 97 Resp: 2008

Ion	Ratio	Lower	Upper
97	100		
83	82.5	56.6	105.2
85	52.4	36.6	68.0
99	52.0	43.2	80.2



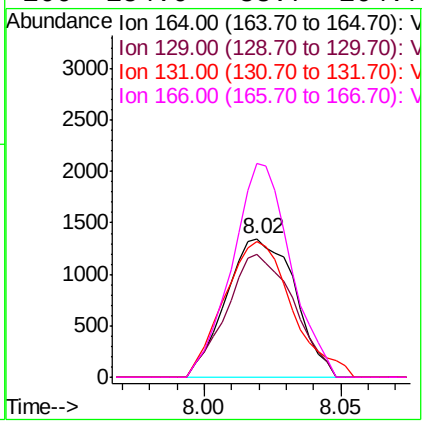


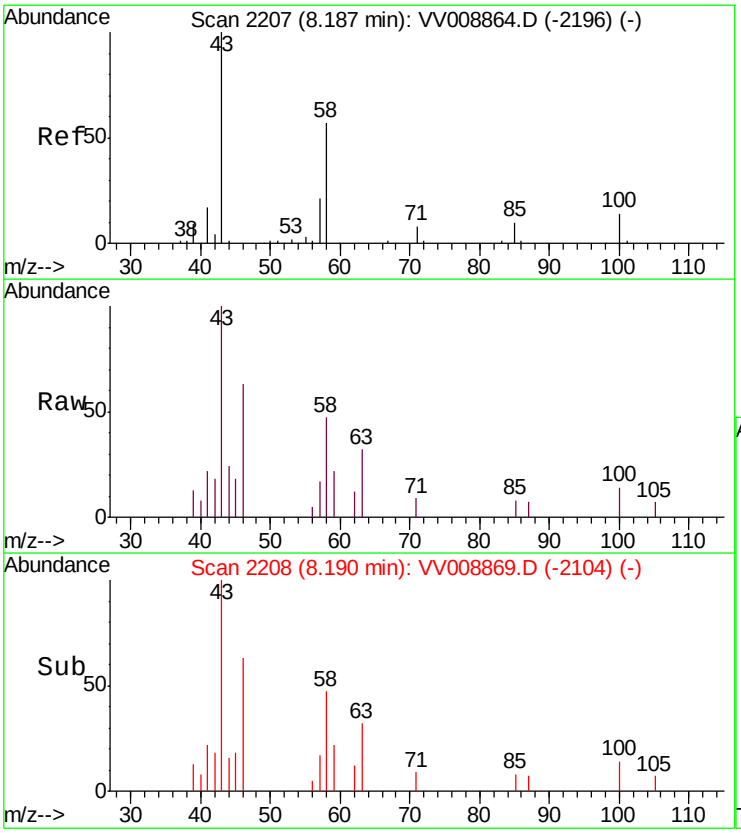
#47
Tetrachloroethene
Concen: 0.921 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:164 Resp: 2361

Ion	Ratio	Lower	Upper
164	100		
129	88.2	64.6	120.0
131	97.8	64.5	119.7
166	154.0	88.7	164.7

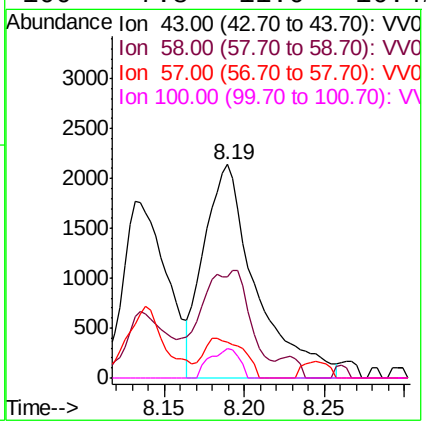


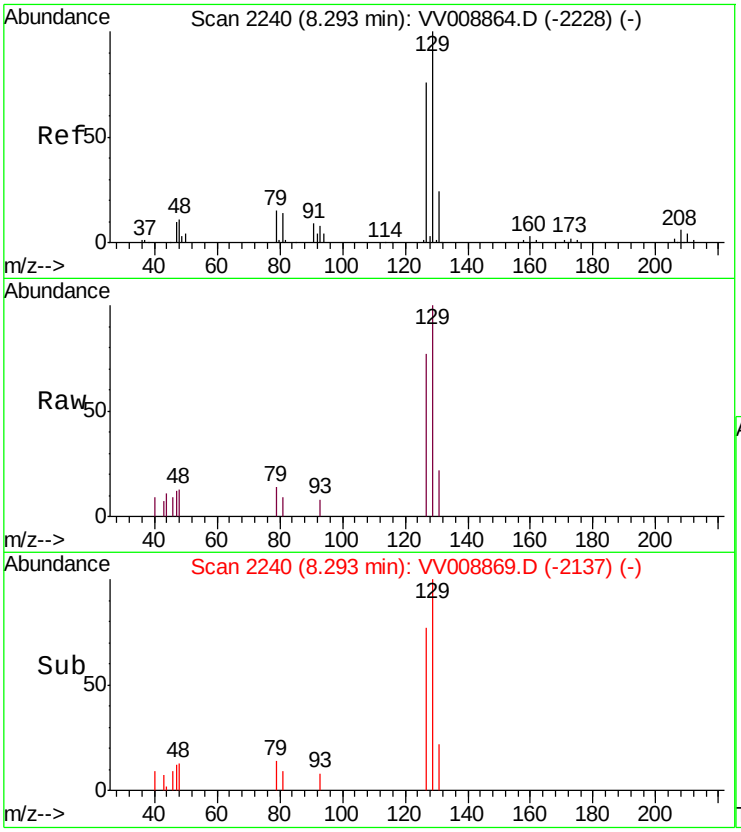


#49
2-Hexanone
Concen: 3.437 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 43 Resp: 4822

Ion	Ratio	Lower	Upper
43	100		
58	13.3	43.9	65.9#
57	14.2	15.7	23.5#
100	7.8	11.0	16.4#



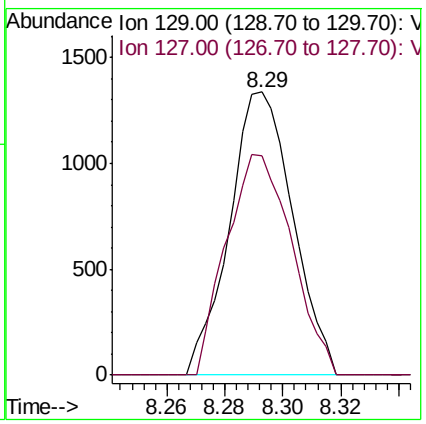


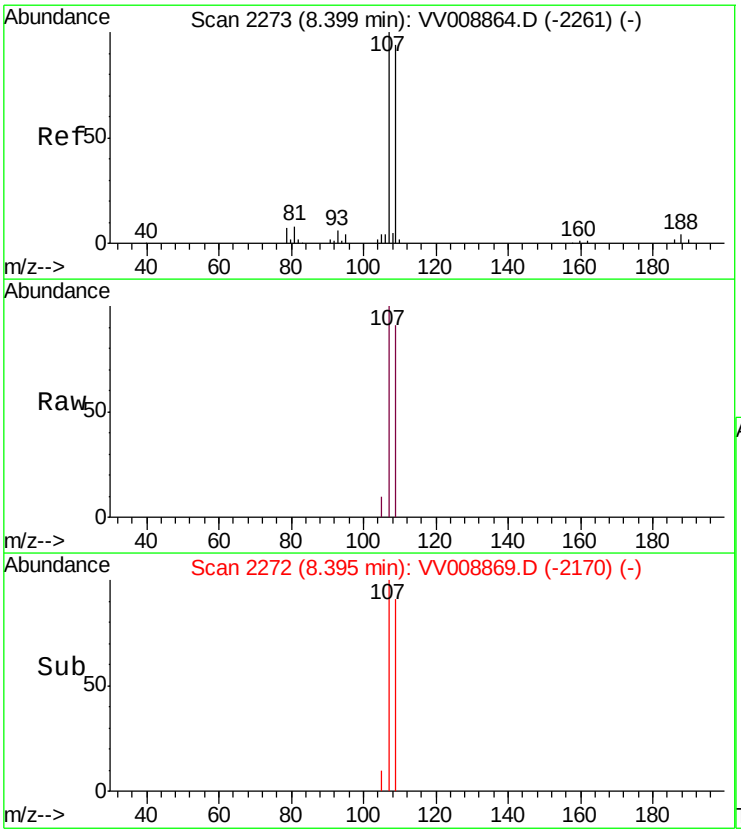
#50
Dibromochloromethane
Concen: 0.848 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:129 Resp: 2032

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.5	99.3

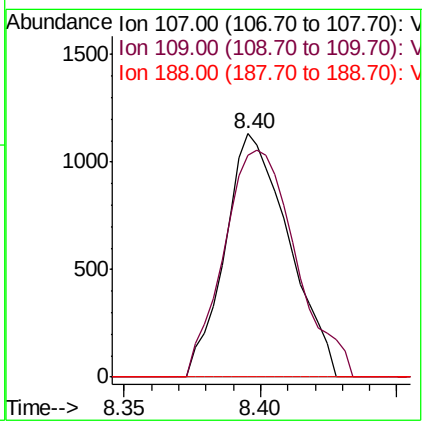


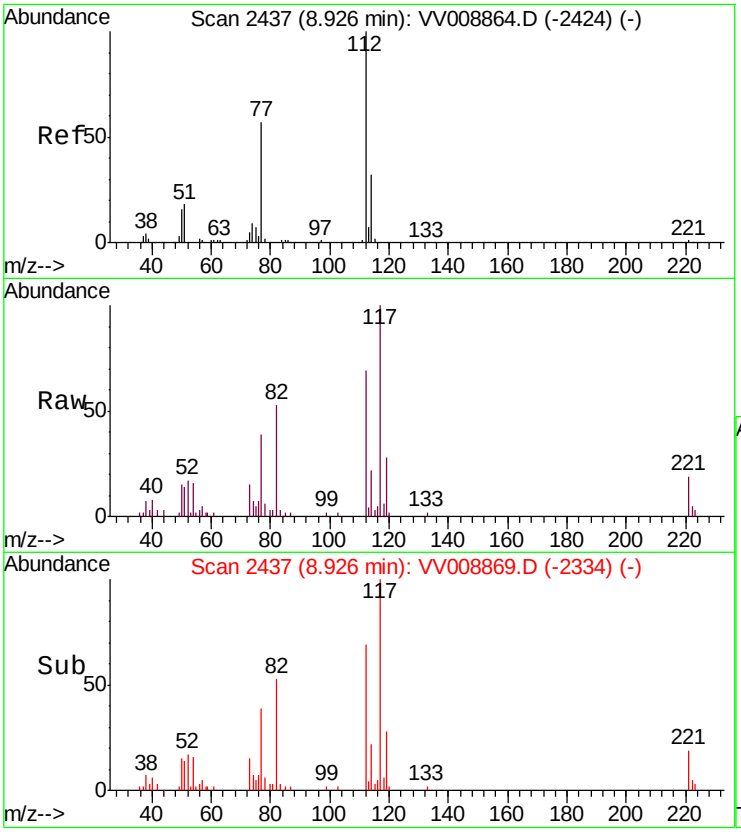


#51
1,2-Dibromoethane
Concen: 0.876 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:107 Resp: 1839

Ion	Ratio	Lower	Upper
107	100		
109	90.9	65.8	122.2
188	0.0	3.0	4.6#



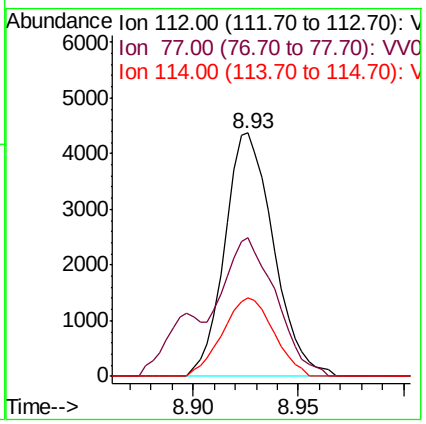


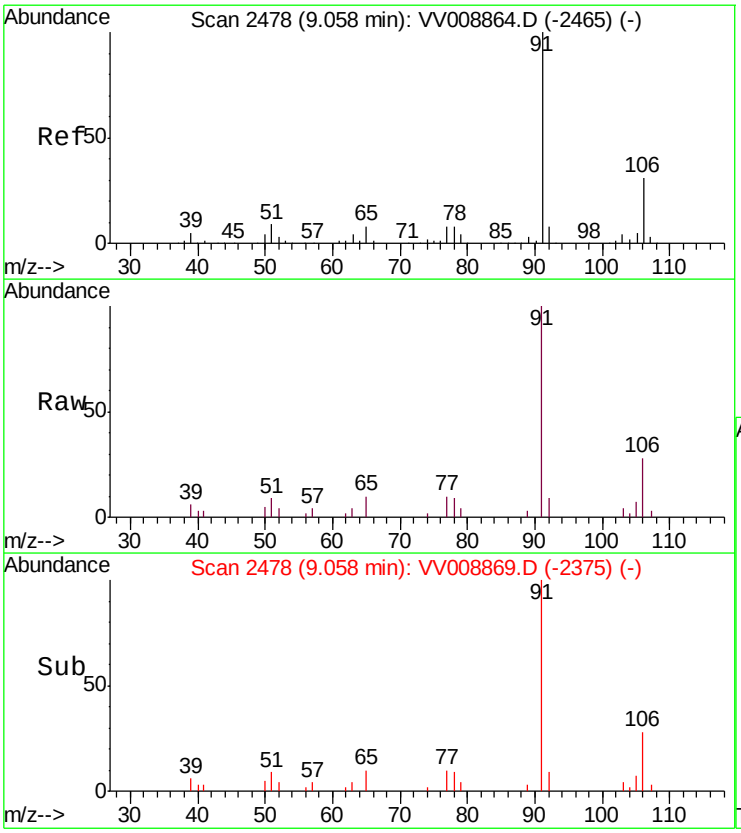
#52
Chlorobenzene
Concen: 0.982 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:112 Resp: 7011

Ion	Ratio	Lower	Upper
112	100		
77	56.9	44.6	66.8
114	32.4	22.6	42.0

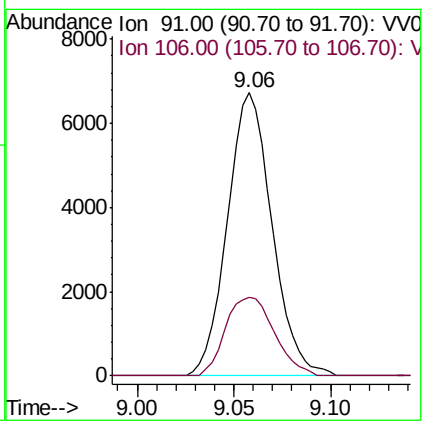


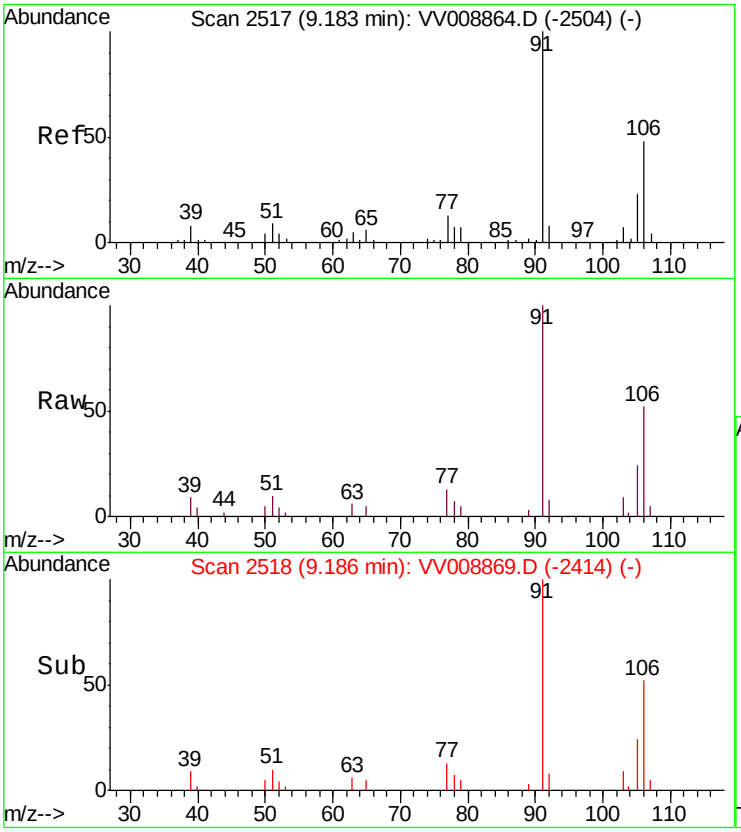


#53
Ethylbenzene
Concen: 0.907 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 91 Resp: 10791

Ion	Ratio	Lower	Upper
91	100		
106	27.6	21.3	39.5



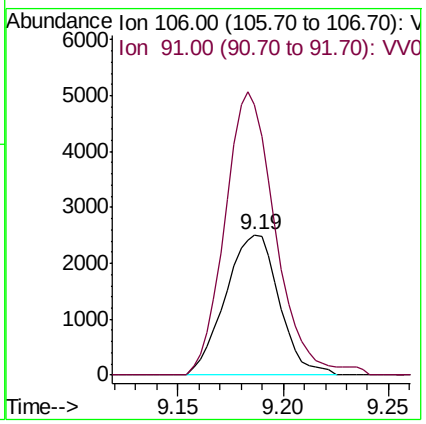


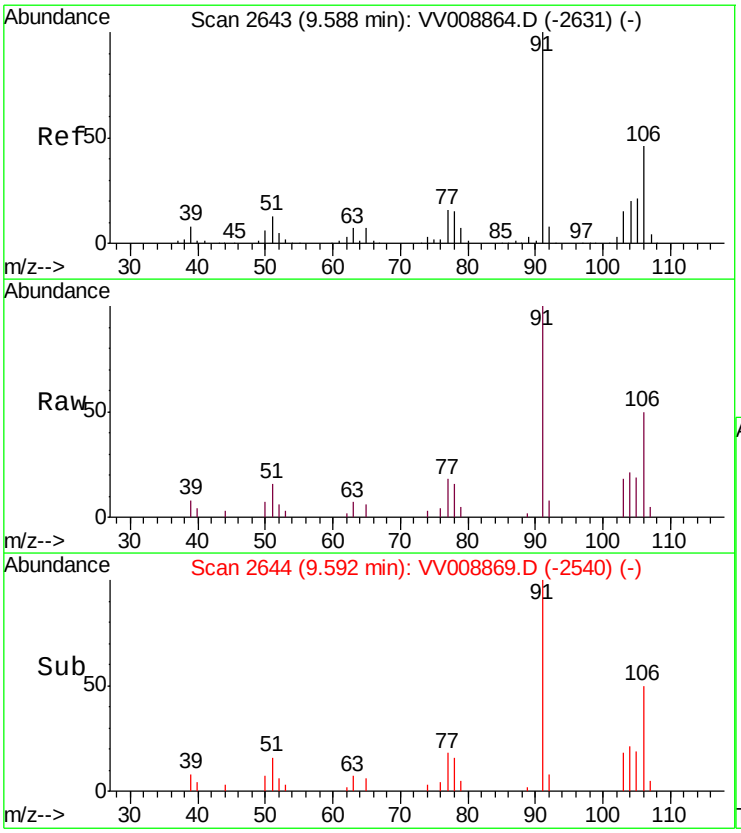
#54
m,p-Xylene
Concen: 0.985 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 4438

Ion	Ratio	Lower	Upper
106	100		
91	192.5	141.3	262.3

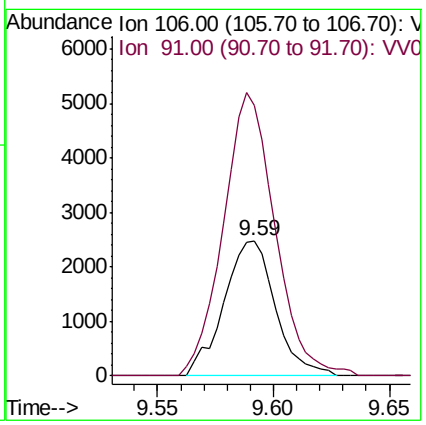


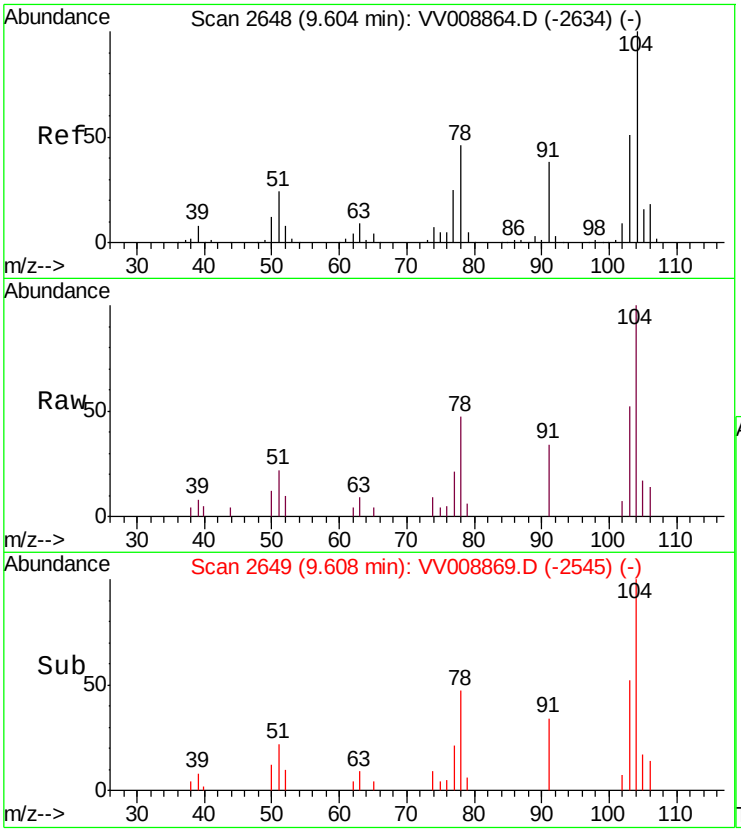


#55
o-xylene
Concen: 0.913 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:106 Resp: 3819

Ion	Ratio	Lower	Upper
106	100		
91	200.6	148.3	275.5



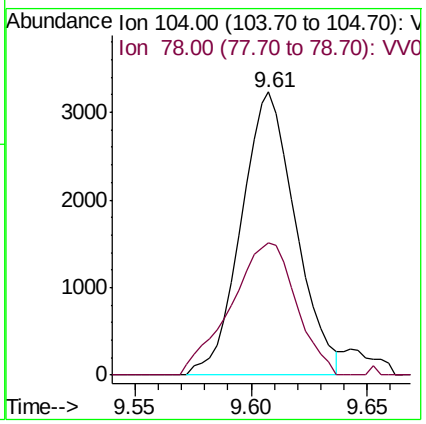


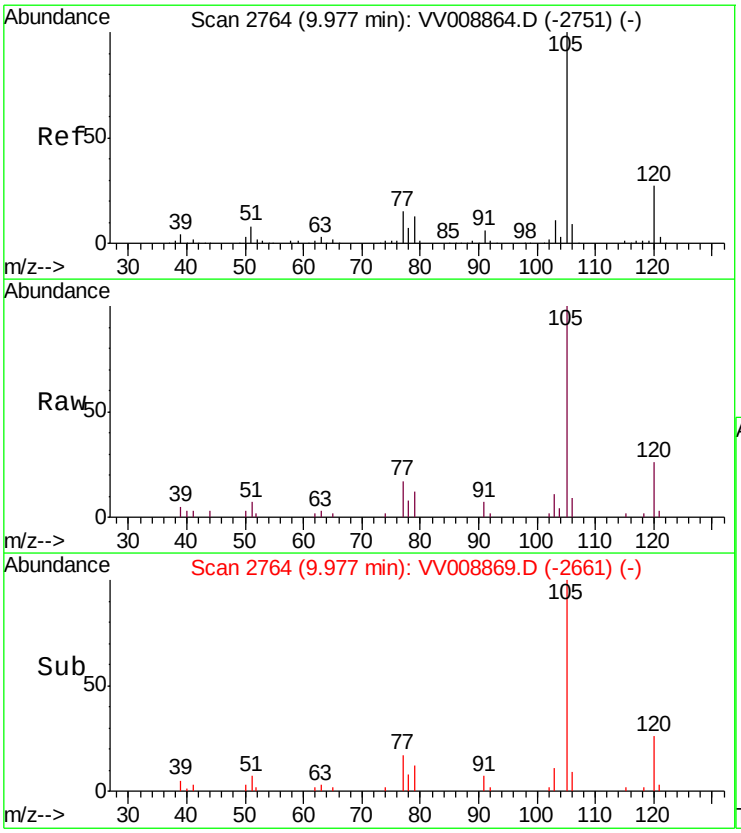
#56
Styrene
Concen: 0.782 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion:104 Resp: 5276

Ion	Ratio	Lower	Upper
104	100		
78	46.8	30.6	56.8

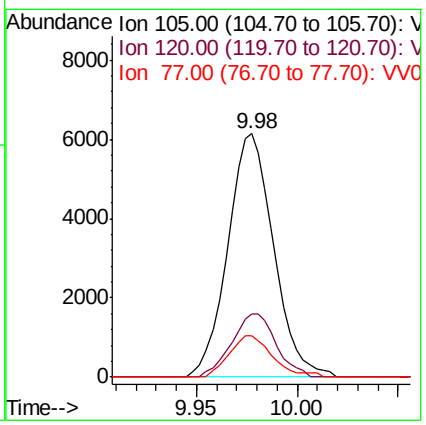


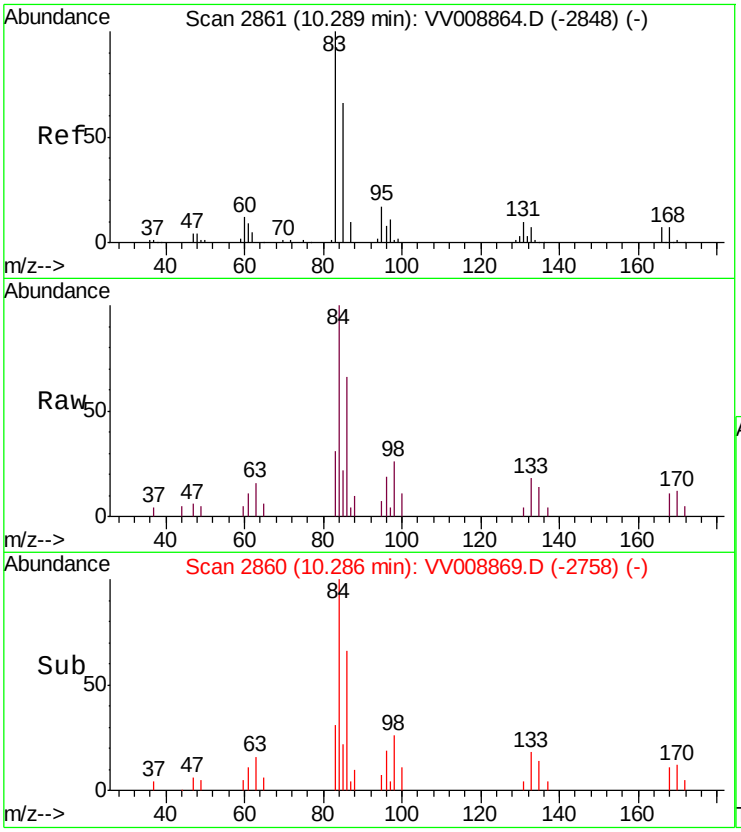


#57
Isopropylbenzene
Concen: 0.860 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:105 Resp: 9779

Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.7	32.5
77	15.8	12.4	18.6



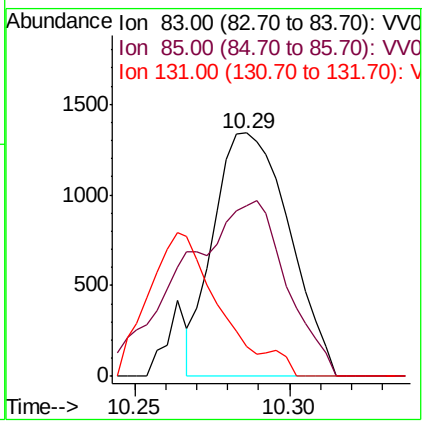


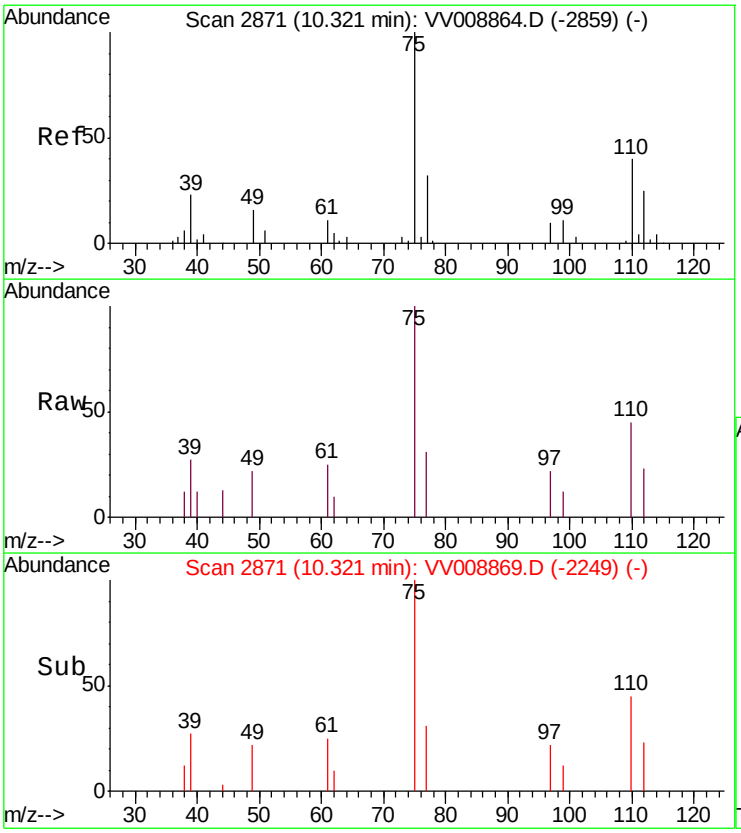
#58
1,1,2,2-Tetrachloroethane
Concen: 1.011 ug/L
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 2286

Ion	Ratio	Lower	Upper
83	100		
85	70.0	44.3	82.3
131	12.1	7.8	11.8#

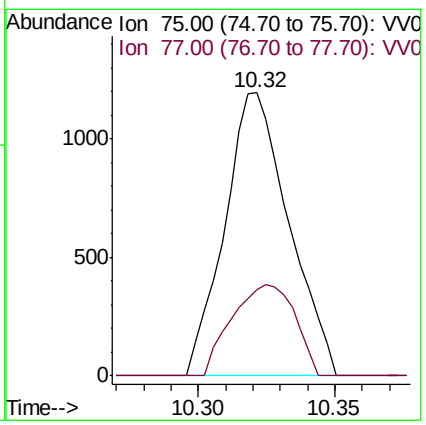


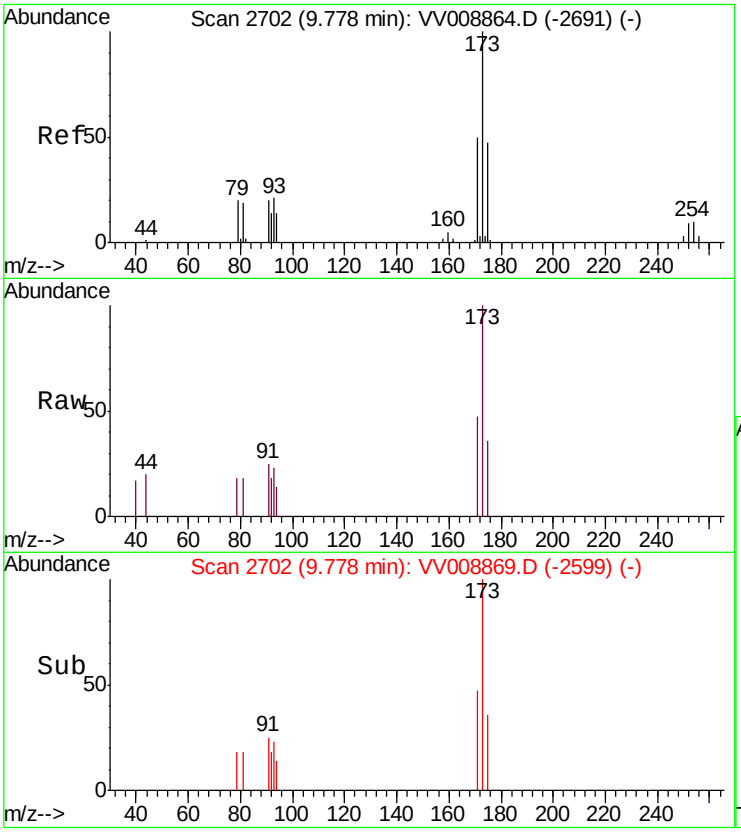


#59
1,2,3-Trichloropropane
Concen: 0.996 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion: 75 Resp: 1947

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.6	38.4



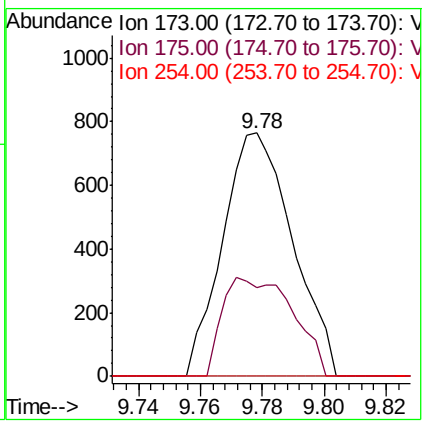


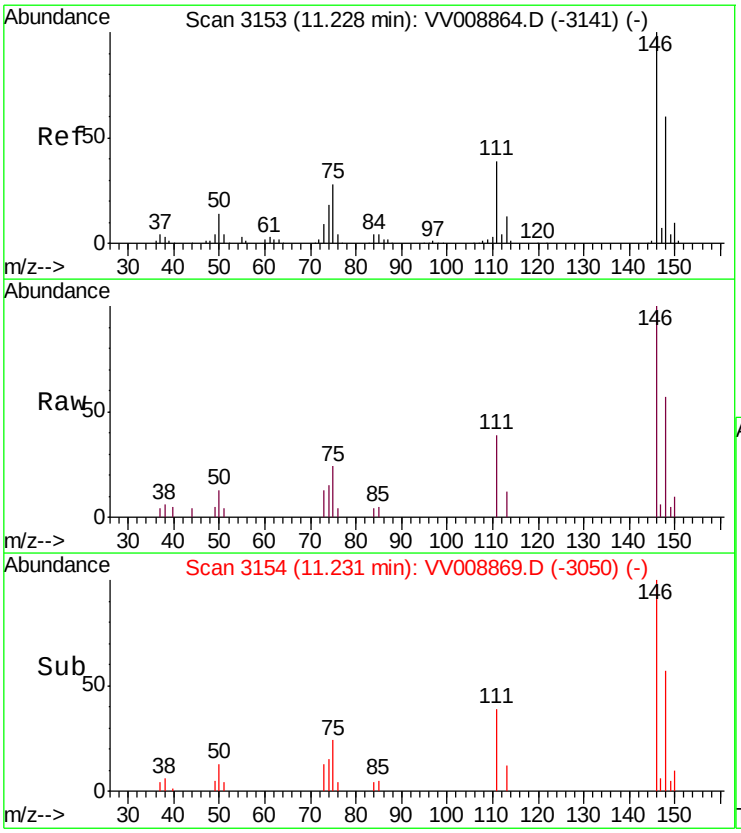
#62
Bromoform
Concen: 0.929 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion:173 Resp: 1201

Ion	Ratio	Lower	Upper
173	100		
175	20.8	37.7	56.5#
254	0.0	7.1	10.7#

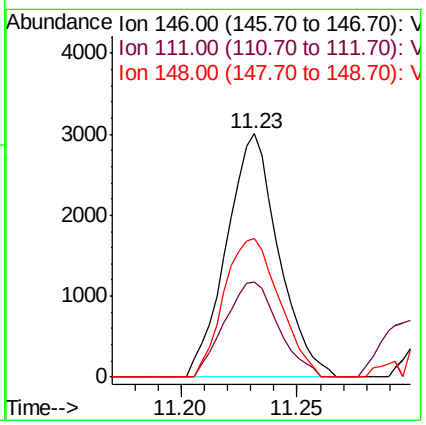


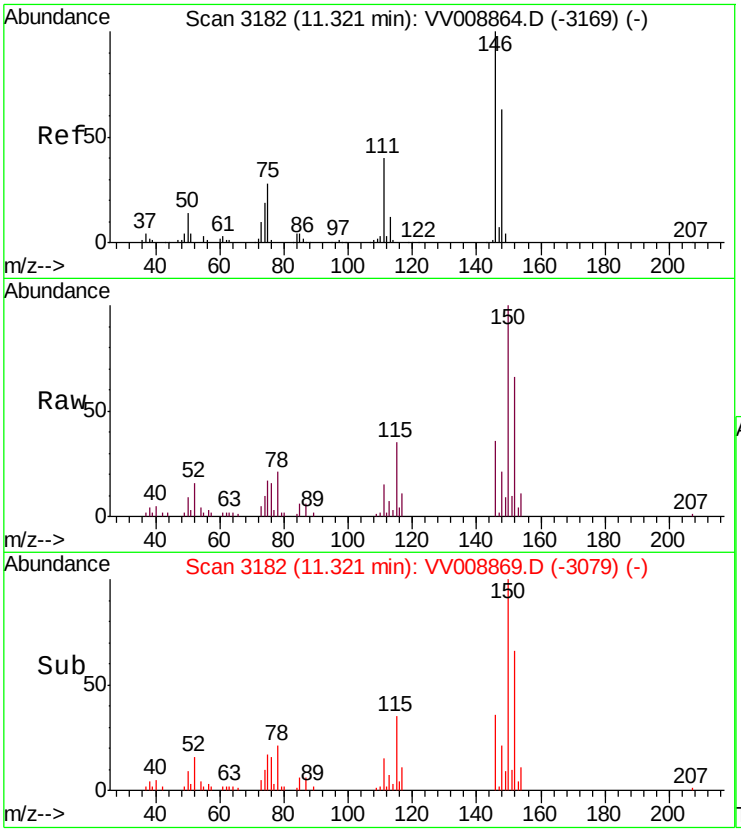


#63
1,3-Dichlorobenzene
Concen: 1.016 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:146 Resp: 4687

Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.5	51.1
148	56.8	44.0	81.8



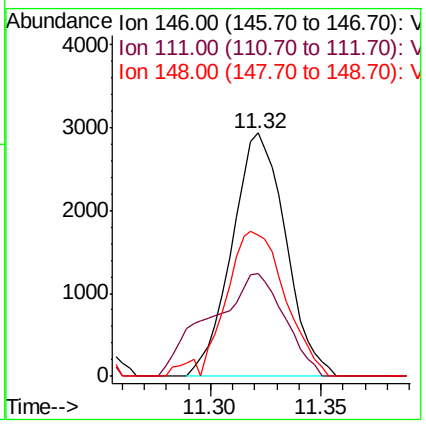


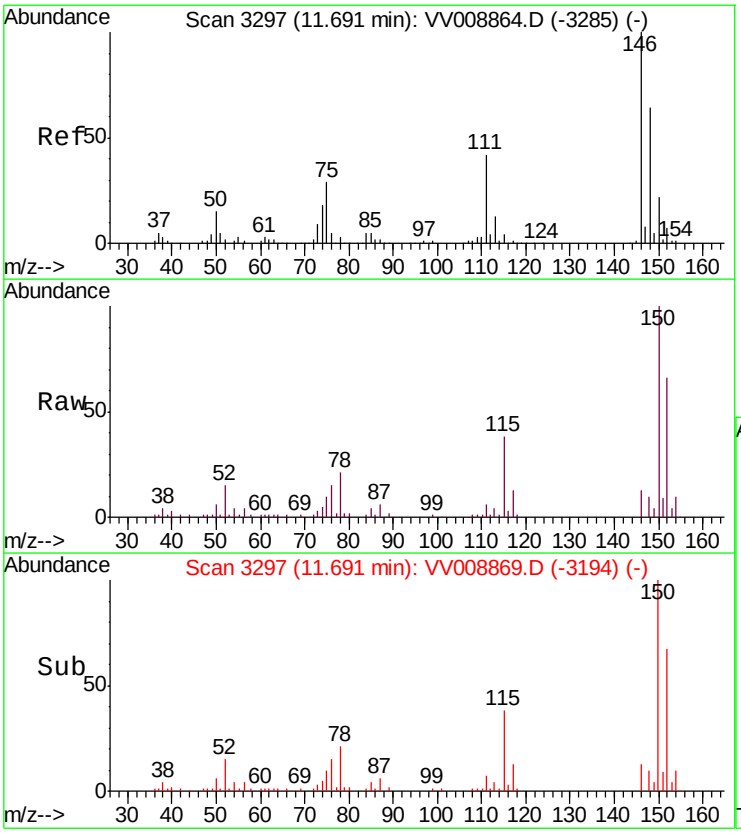
#64
1,4-Dichlorobenzene
Concen: 1.043 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion:146 Resp: 4951

Ion	Ratio	Lower	Upper
146	100		
111	42.3	26.8	49.8
148	58.2	45.8	85.0

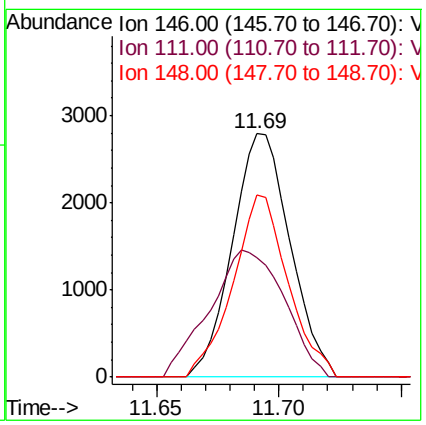


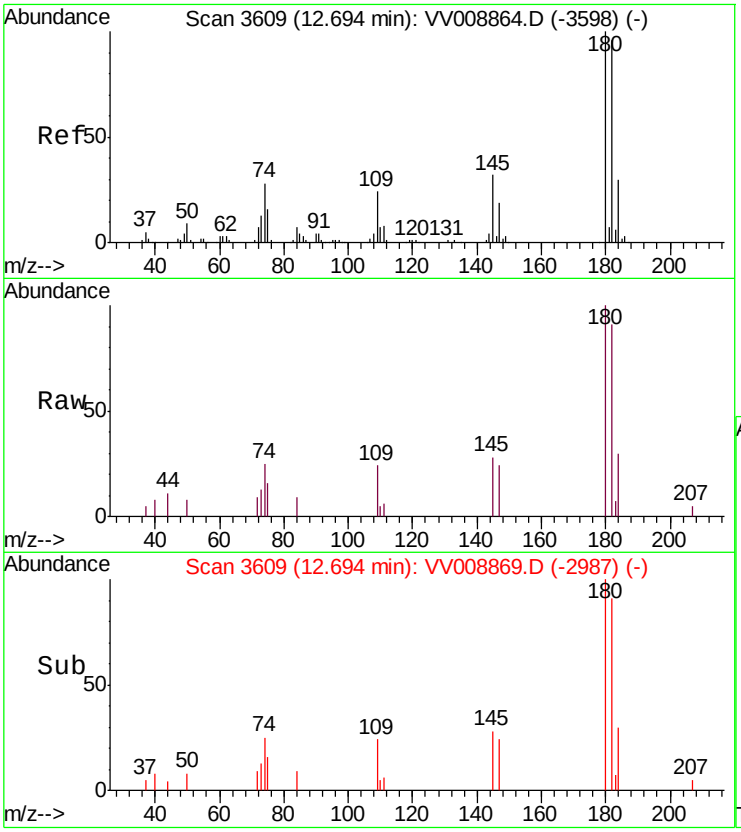


#65
1,2-Dichlorobenzene
Concen: 1.078 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:146 Resp: 4585

Ion	Ratio	Lower	Upper
146	100		
111	48.9	34.2	51.4
148	74.7	51.0	76.6



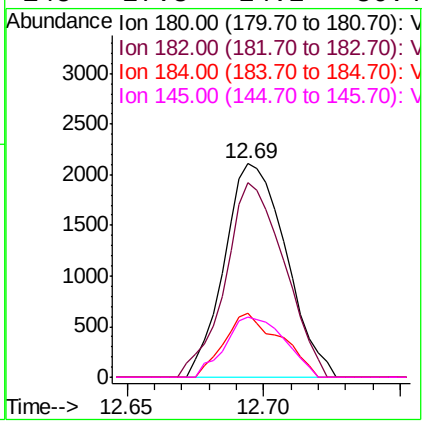


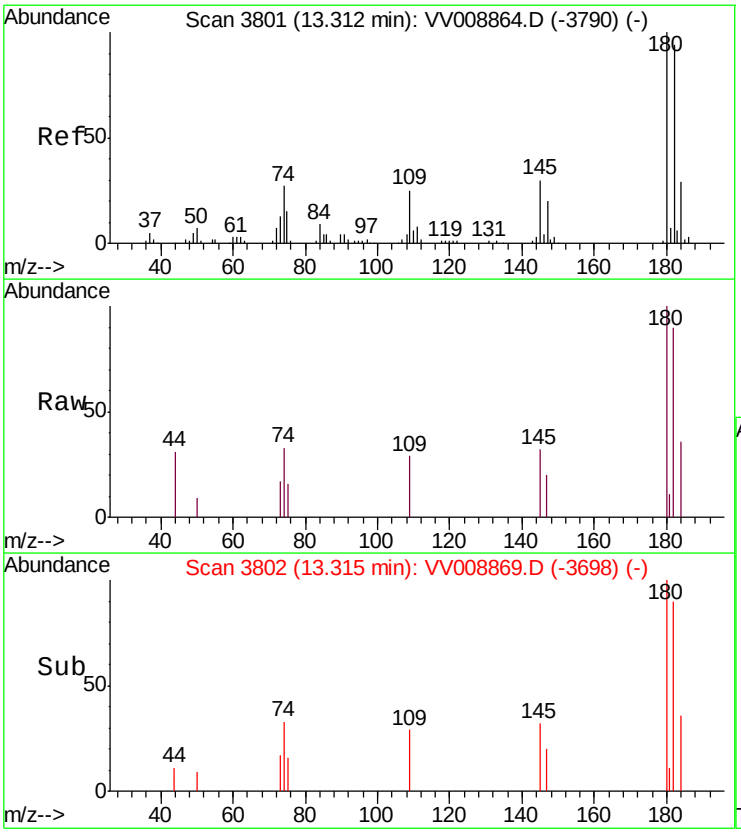
#67
1,3,5-Trichlorobenzene
Concen: 0.995 ug/L
RT: 12.69 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument :
MSVOA_V
ClientSampleId :
MDL04

Tgt Ion:180 Resp: 3314

Ion	Ratio	Lower	Upper
180	100		
182	87.1	75.9	113.9
184	27.4	23.8	35.6
145	27.3	24.2	36.4

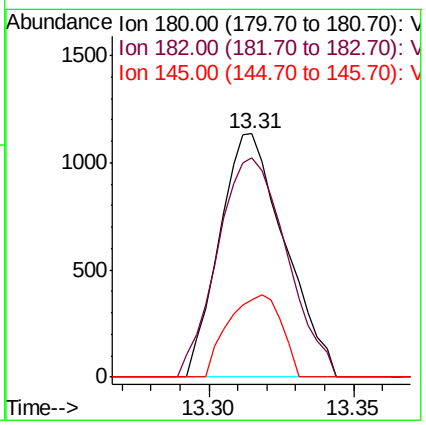


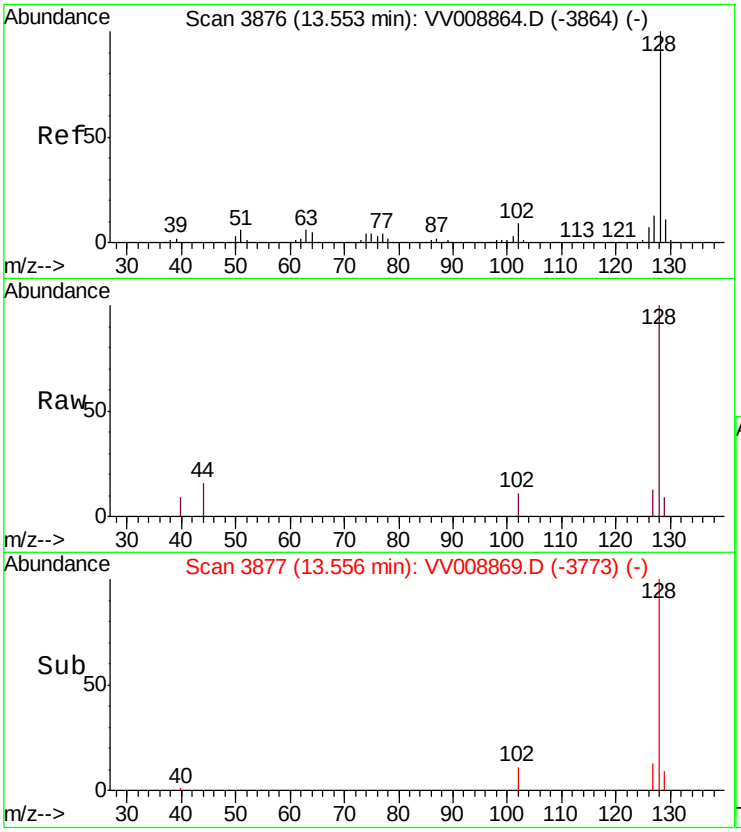


#68
1,2,4-trichlorobenzene
Concen: 0.763 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:180 Resp: 1780

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.4	116.0
145	27.4	25.6	38.4



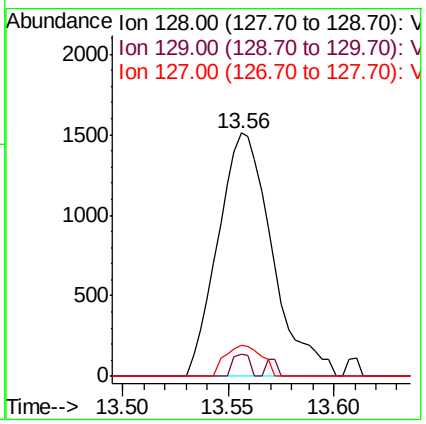


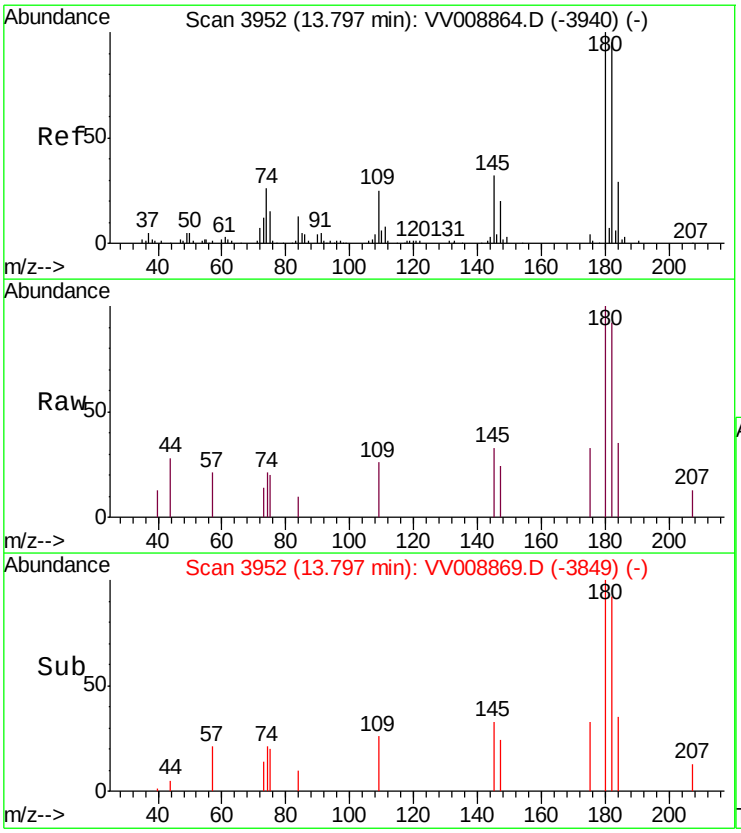
#69
Naphthalene
Concen: 0.672 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Instrument : MSVOA_V
ClientSampleId : MDL04

Tgt Ion:128 Resp: 2700

Ion	Ratio	Lower	Upper
128	100		
129	2.9	8.6	13.0#
127	8.5	10.0	15.0#





#70
1,2,3-Trichlorobenzene
Concen: 0.779 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008869.D
Acq: 06 Dec 2018 21:22

Tgt Ion:180 Resp: 1679

Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.1	114.1
145	33.5	26.7	40.1