Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008390.D
Acq On : 24 Oct 2018 14:17
Operator : SY/MD
Sample : MDL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

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Quant Time: Oct 25 09:03:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200304	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178621	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76524	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49243	44.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.80%			
7) Chloroethane-d5	1.57	69	38010	47.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.94%			
11) 1,1-Dichloroethene-d2	2.13	63	69997	34.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.88%			
21) 2-Butanone-d5	3.93	46	119087	98.80	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.80%			
24) Chloroform-d	4.41	84	124161	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.78%			
26) 1,2-Dichloroethane-d4	5.09	65	87001	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.14%			
32) Benzene-d6	5.10	84	250066	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.26%			
36) 1,2-Dichloropropane-d6	6.12	67	86614	49.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.04%			
41) Toluene-d8	7.36	98	224549	48.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.18%			
43) trans-1,3-Dichloropropene-	7.67	79	41434	48.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.54%			
47) 2-Hexanone-d5	8.14	63	90776	98.39	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.39%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	116502	48.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.38%			
64) 1,2-Dichlorobenzene-d4	11.68	152	74899	47.85	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2554	1.786	ug/L	97
3) Chloromethane	1.25	50	2919	1.905	ug/L	97
5) Vinyl chloride	1.33	62	2545	1.793	ug/L #	52
6) Bromomethane	1.52	94	924	2.372	ug/L	90
8) Chloroethane	1.59	64	1944	2.606	ug/L	95
9) Trichlorofluoromethane	1.77	101	3401	1.861	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2430	2.546	ug/L #	76
12) 1,1-Dichloroethene	2.14	96	2102	2.339	ug/L #	1
13) Acetone	2.19	43	4232	4.524	ug/L	97
14) Carbon disulfide	2.32	76	7956	1.965	ug/L	99
15) Methyl Acetate	2.46	43	3576	1.917	ug/L	91
16) Methylene chloride	2.54	84	3006	1.931	ug/L	90
17) trans-1,2-Dichloroethene	2.80	96	2539	1.853	ug/L	94
18) Methyl tert-butyl Ether	2.81	73	8854	1.806	ug/L #	92
19) 1,1-Dichloroethane	3.23	63	5063	1.792	ug/L	90
20) cis-1,2-Dichloroethene	3.97	96	2901	1.859	ug/L	83
22) 2-Butanone	4.03	43	4293	3.177	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008390.D
Acq On : 24 Oct 2018 14:17
Operator : SY/MD
Sample : MDL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

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Quant Time: Oct 25 09:03:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.31	128	1354	1.839 ug/L		78
25) Chloroform	4.43	83	5517m	2.000 ug/L		
27) 1,2-Dichloroethane	5.19	62	4428	1.922 ug/L		97
29) Cyclohexane	4.73	56	4944	1.901 ug/L		95
30) 1,1,1-Trichloroethane	4.67	97	4361	1.883 ug/L		94
31) Carbon tetrachloride	4.88	117	3527	1.794 ug/L		99
33) Benzene	5.15	78	11384	1.950 ug/L		100
34) Trichloroethene	5.96	95	3098	2.072 ug/L		84
35) Methylcyclohexane	6.18	83	4460	1.755 ug/L		93
37) 1,2-Dichloropropane	6.23	63	2999	1.860 ug/L	#	89
38) Bromodichloromethane	6.56	83	3808	1.853 ug/L		92
39) cis-1,3-Dichloropropene	7.07	75	4732	1.867 ug/L		87
40) 4-Methyl-2-pentanone	7.28	43	8236	3.449 ug/L		97
42) Toluene	7.43	91	11074	1.826 ug/L		94
44) trans-1,3-Dichloropropene	7.70	75	4421	1.864 ug/L		93
45) 1,1,2-Trichloroethane	7.89	97	2804	1.967 ug/L		88
46) Tetrachloroethene	8.02	164	1938	1.989 ug/L		91
48) 2-Hexanone	8.19	43	7033	3.817 ug/L		96
49) Dibromochloromethane	8.29	129	2594	1.693 ug/L		99
50) 1,2-Dibromoethane	8.40	107	2642	1.766 ug/L	#	89
51) Chlorobenzene	8.93	112	6905	1.849 ug/L		94
52) Ethylbenzene	9.06	91	12095	1.780 ug/L		99
53) m,p-Xylene	9.18	106	4260	1.716 ug/L		92
54) o-xylene	9.59	106	4450	1.795 ug/L		94
55) Styrene	9.61	104	7185	1.721 ug/L		99
56) Isopropylbenzene	9.98	105	10828	1.670 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.29	83	4923	1.972 ug/L	#	96
59) 1,2,3-Trichloropropane	10.32	75	3798	1.879 ug/L		95
61) Bromoform	9.78	173	1775	1.838 ug/L	#	86
62) 1,3-Dichlorobenzene	11.23	146	4556	1.801 ug/L		99
63) 1,4-Dichlorobenzene	11.32	146	4790	1.889 ug/L		93
65) 1,2-Dichlorobenzene	11.69	146	4740	1.837 ug/L		90
66) 1,2-Dibromo-3-chloropropan	12.48	75	1004	1.893 ug/L		95
67) 1,3,5-Trichlorobenzene	12.70	180	2718	1.645 ug/L		95
68) 1,2,4-trichlorobenzene	13.31	180	1677	1.255 ug/L		92
69) Naphthalene	13.56	128	4627	1.071 ug/L	#	92
70) 1,2,3-Trichlorobenzene	13.80	180	1692	1.267 ug/L		92

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

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102418\
Data File : VV008390.D
Acq On : 24 Oct 2018 14:17
Operator : SY/MD
Sample : MDL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 25 09:03:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 25 08:48:14 2018
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL01

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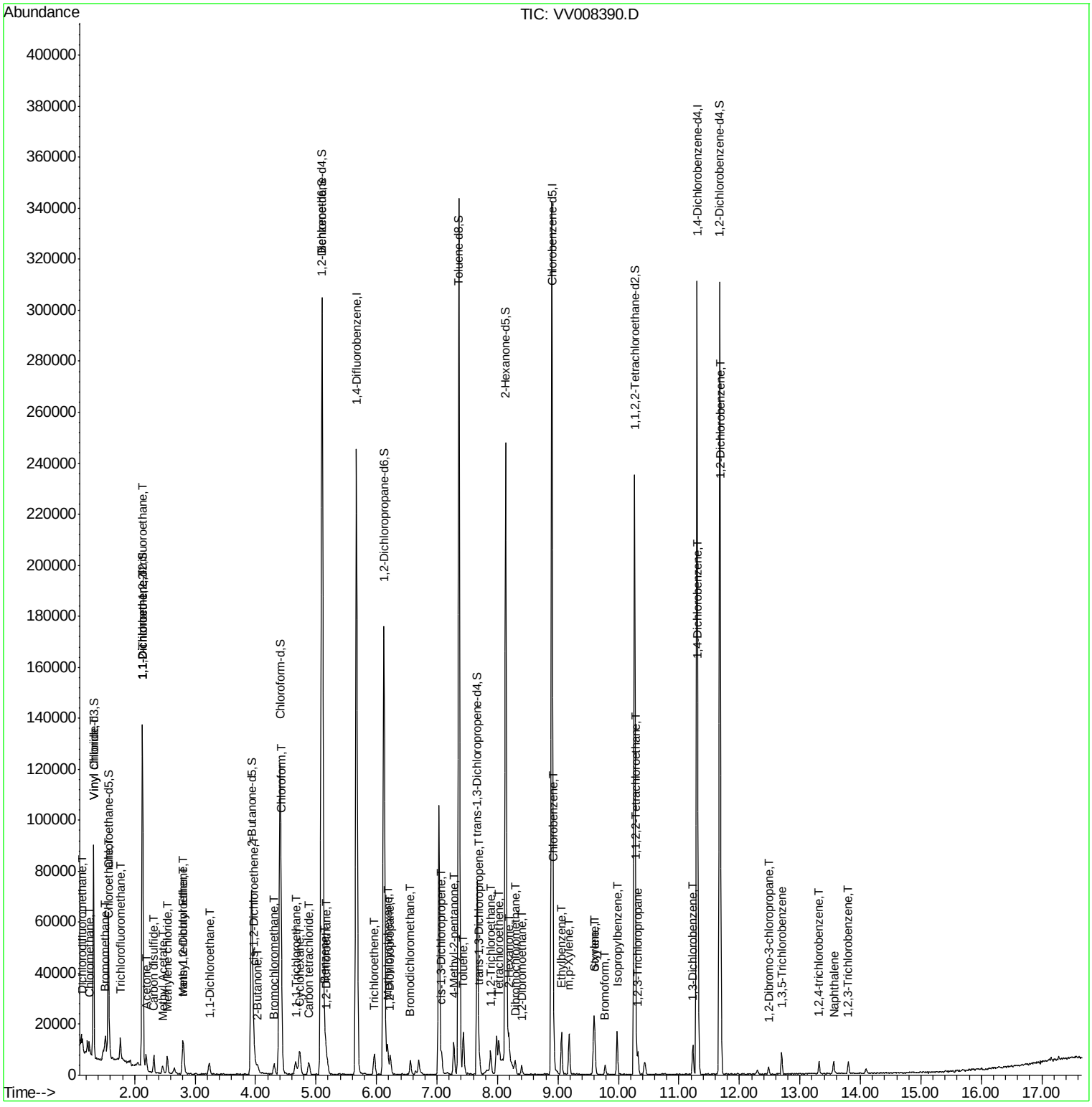
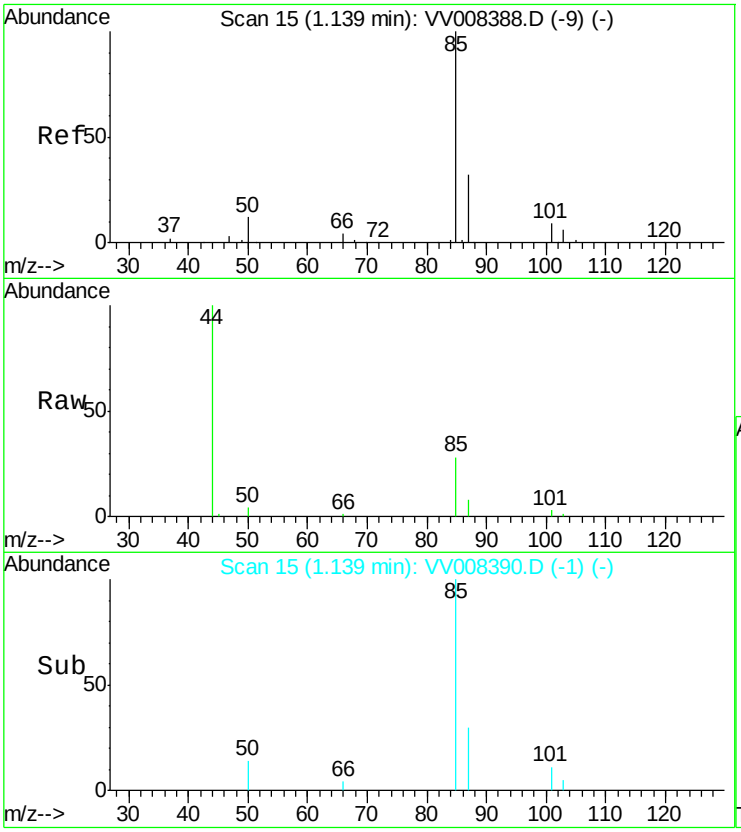
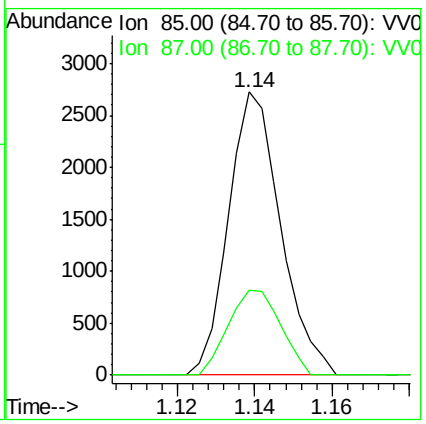




#2
Dichlorodifluoromethane
Concen: 1.786 ug/L
RT: 1.14 min Scan# 15
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 85 Resp: 2554

Ion	Ratio	Lower	Upper
85	100		
87	30.3	25.4	38.2



Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
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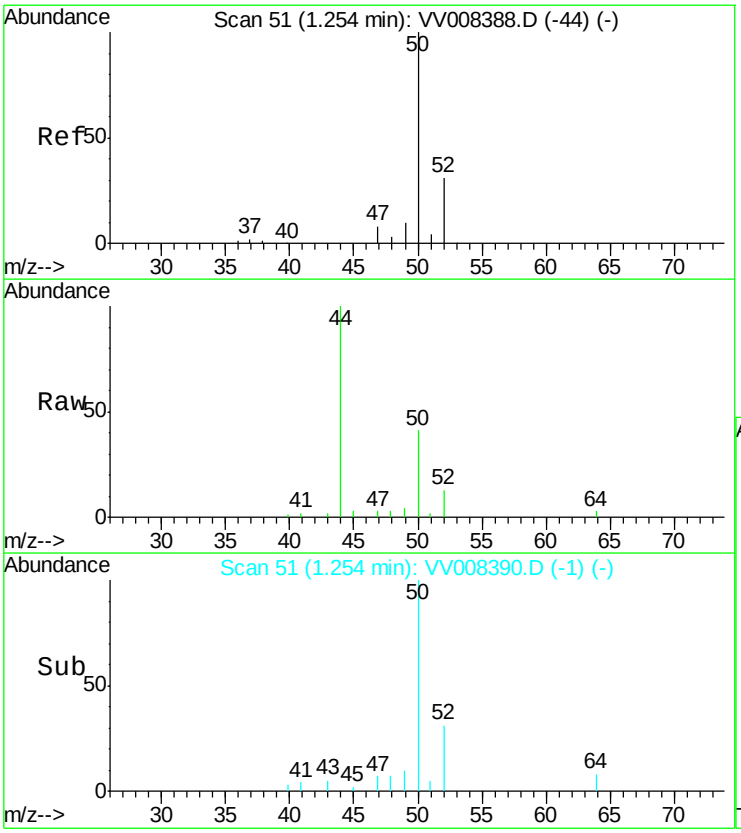
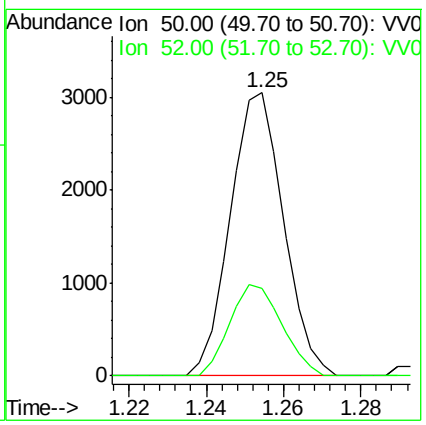
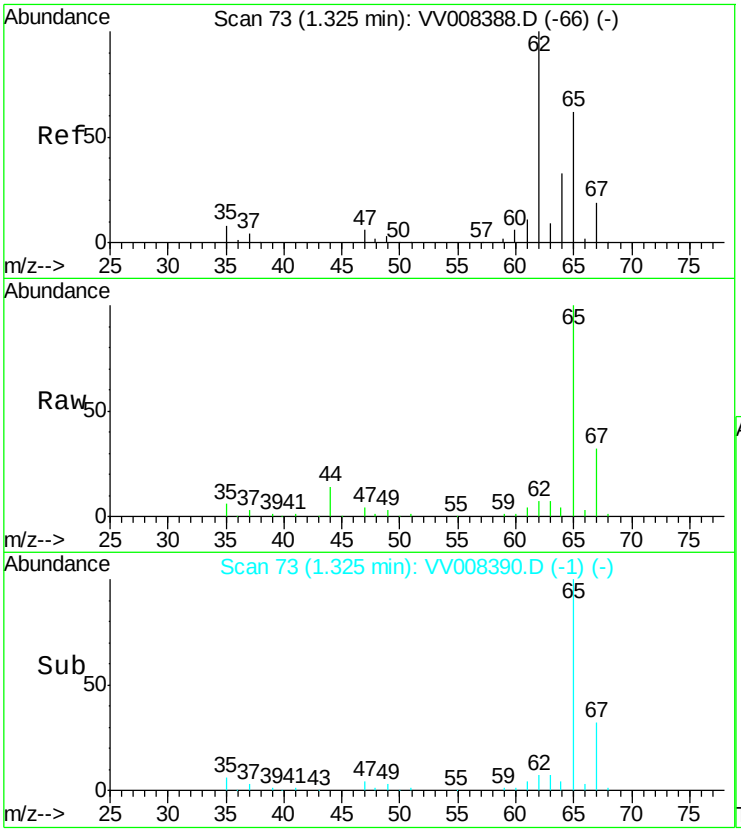


#3
Chloromethane
Concen: 1.905 ug/L
RT: 1.25 min Scan# 51
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 50 Resp: 2919

Ion	Ratio	Lower	Upper
50	100		
52	31.2	23.1	42.9

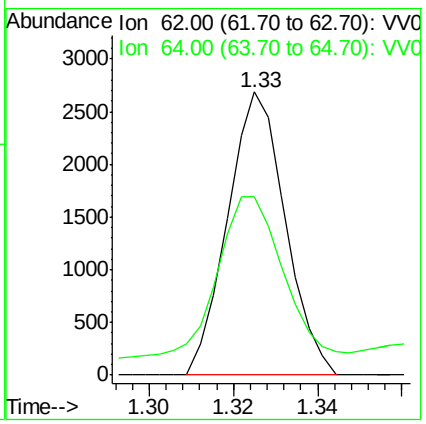




#5
Vinyl chloride
Concen: 1.793 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 62 Resp: 2545

Ion	Ratio	Lower	Upper
62	100		
64	63.0	24.4	45.4#



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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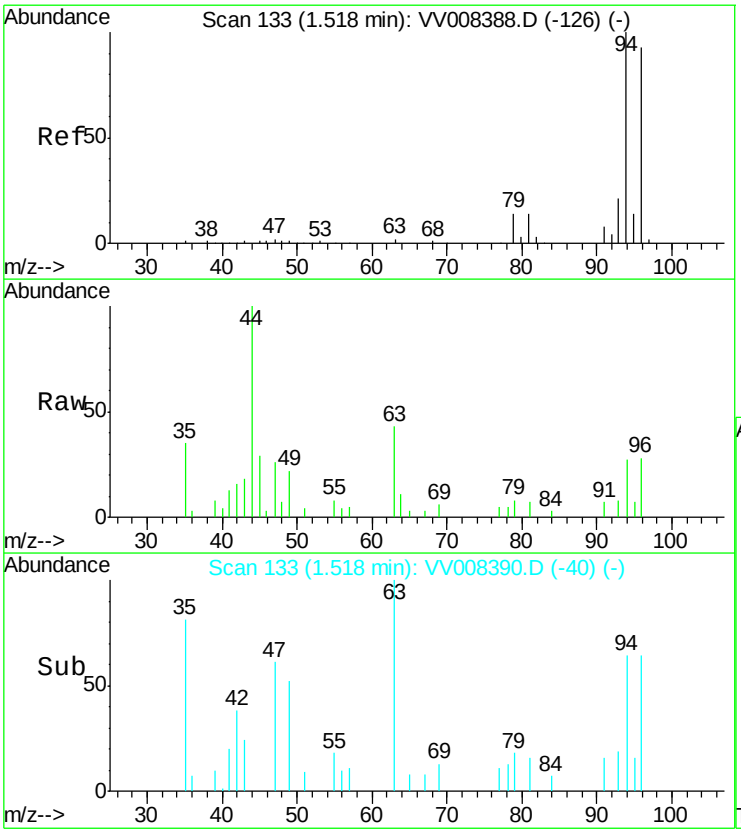
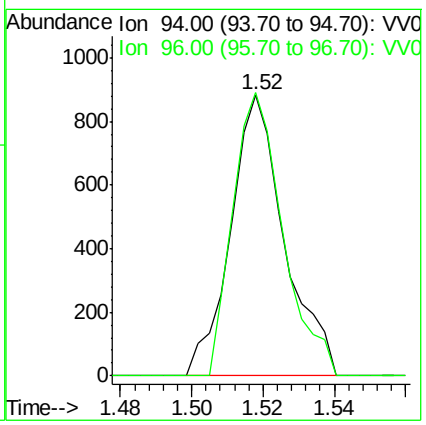
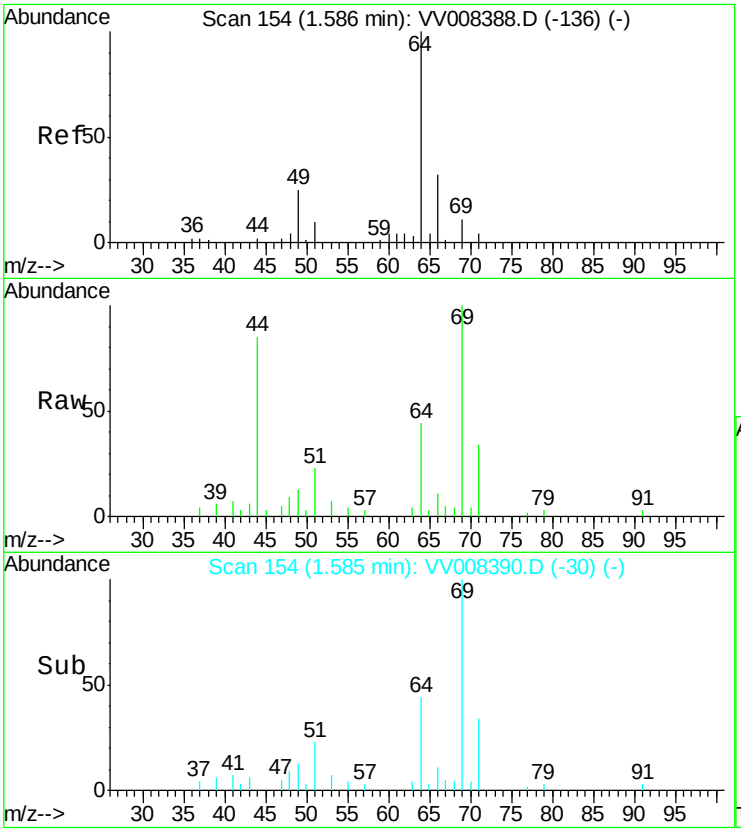


#6
Bromomethane
Concen: 2.372 ug/L
RT: 1.52 min Scan# 133
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 94 Resp: 924

Ion	Ratio	Lower	Upper
94	100		
96	100.8	63.8	118.6

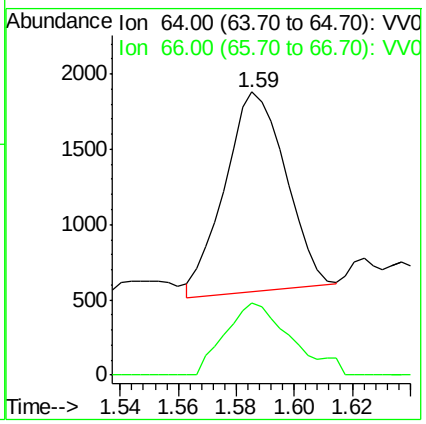




#8
Chloroethane
Concen: 2.606 ug/L
RT: 1.59 min Scan# 154
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 64 Resp: 1944

Ion	Ratio	Lower	Upper
64	100		
66	25.5	19.9	36.9



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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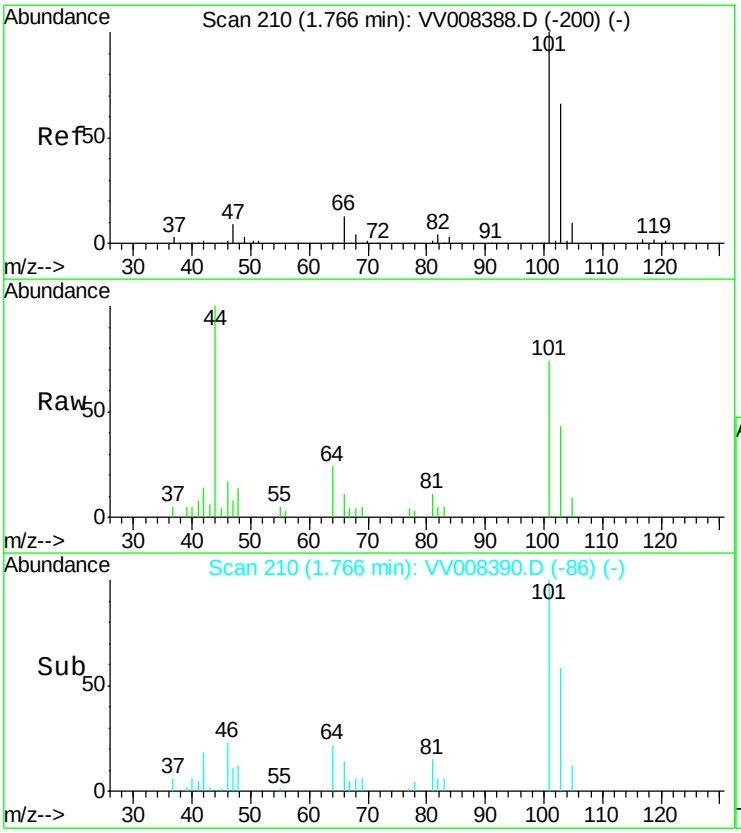
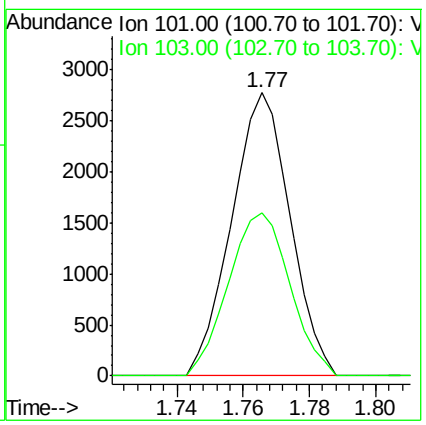
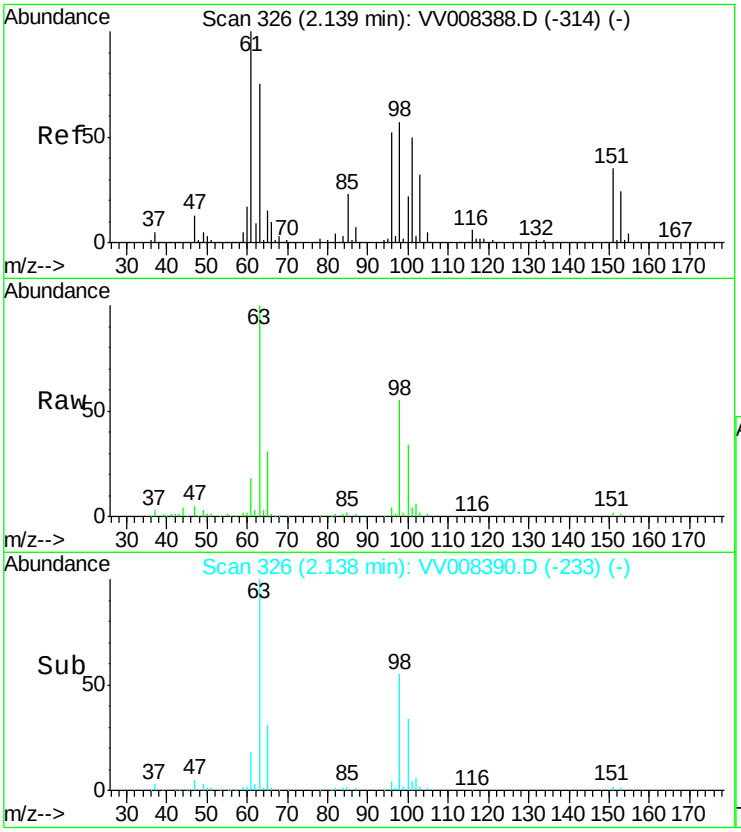


#9
Trichlorofluoromethane
Concen: 1.861 ug/L
RT: 1.77 min Scan# 210
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:101 Resp: 3401

Ion	Ratio	Lower	Upper
101	100		
103	60.7	51.0	76.6





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.546 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:101 Resp: 2430

Ion	Ratio	Lower	Upper
101	100		
85	36.2	35.6	53.4
151	46.5	58.1	87.1#

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
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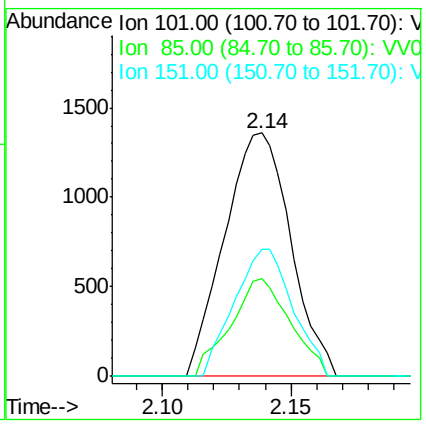
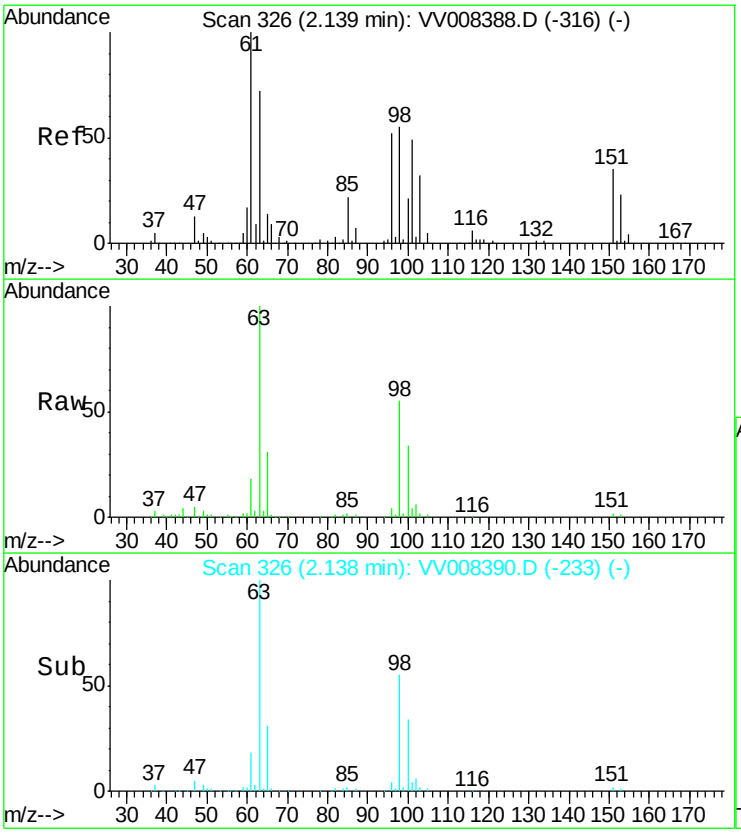
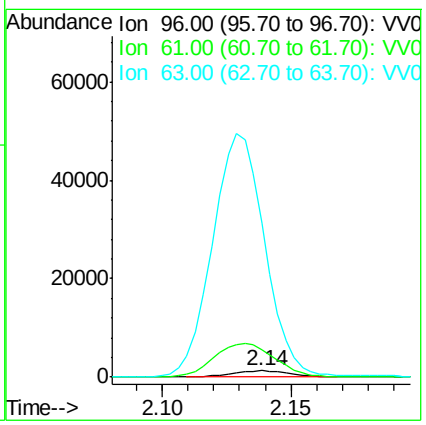


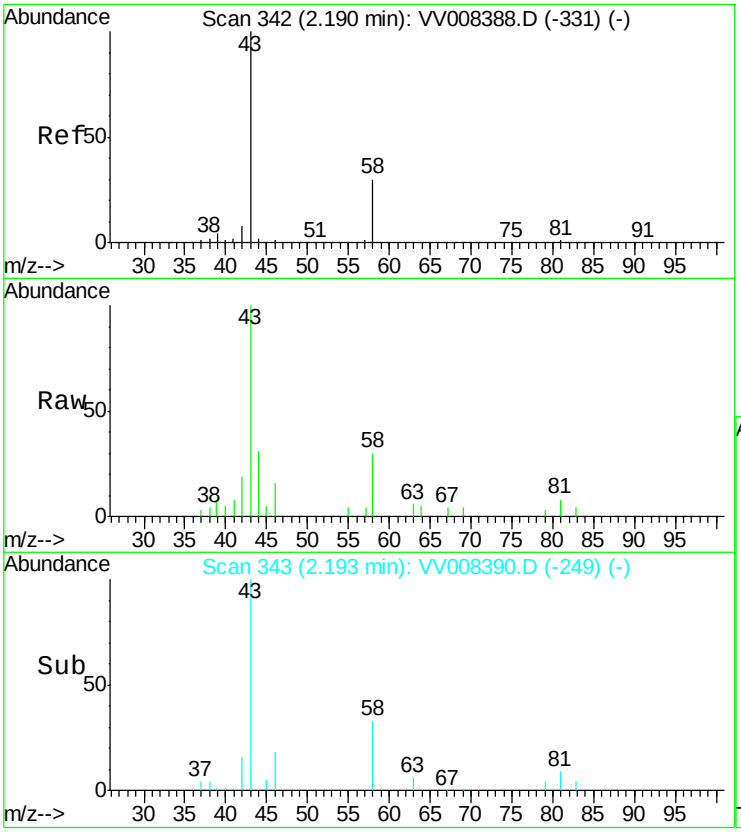


#12
1,1-Dichloroethene
Concen: 2.339 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 96 Resp: 2102

Ion	Ratio	Lower	Upper
96	100		
61	440.5	130.3	242.1#
63	2436.1	84.4	156.8#

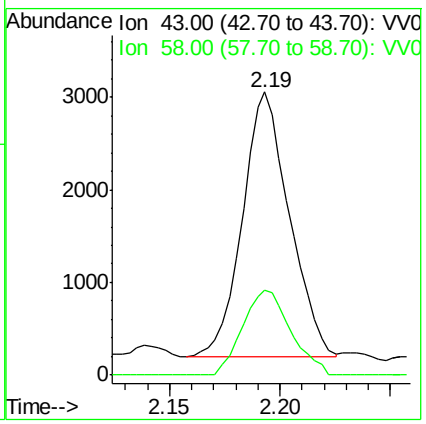




#13
Acetone
Concen: 4.524 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 43 Resp: 4232

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	61.4



Instrument :
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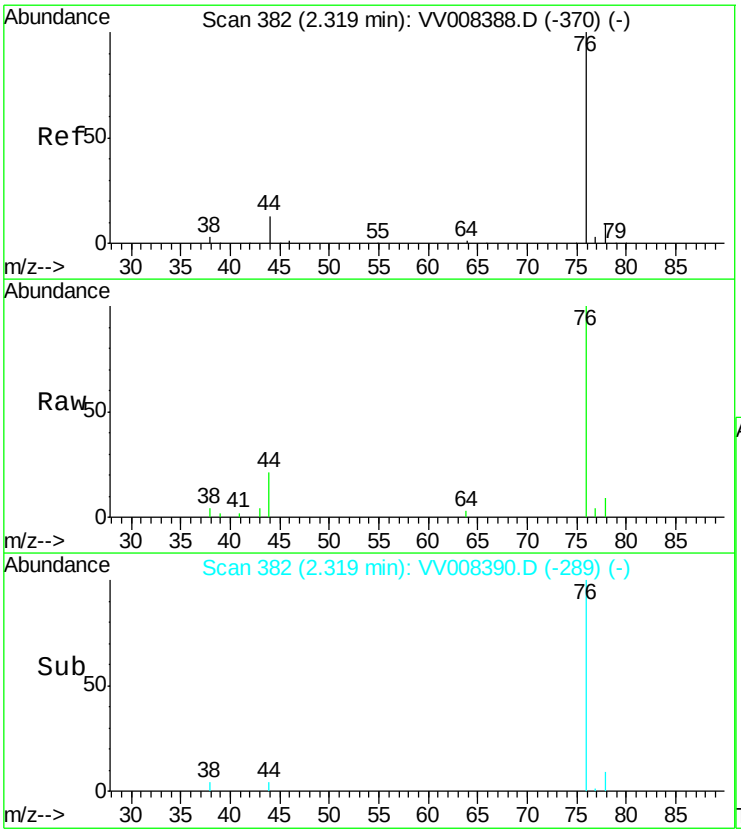
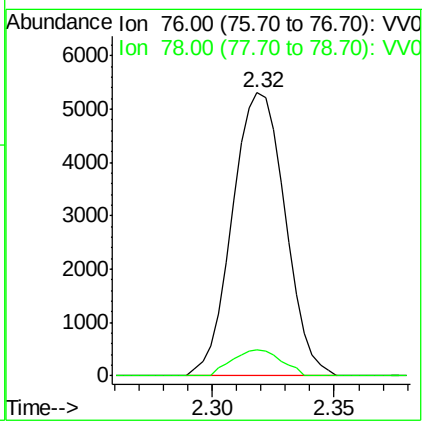
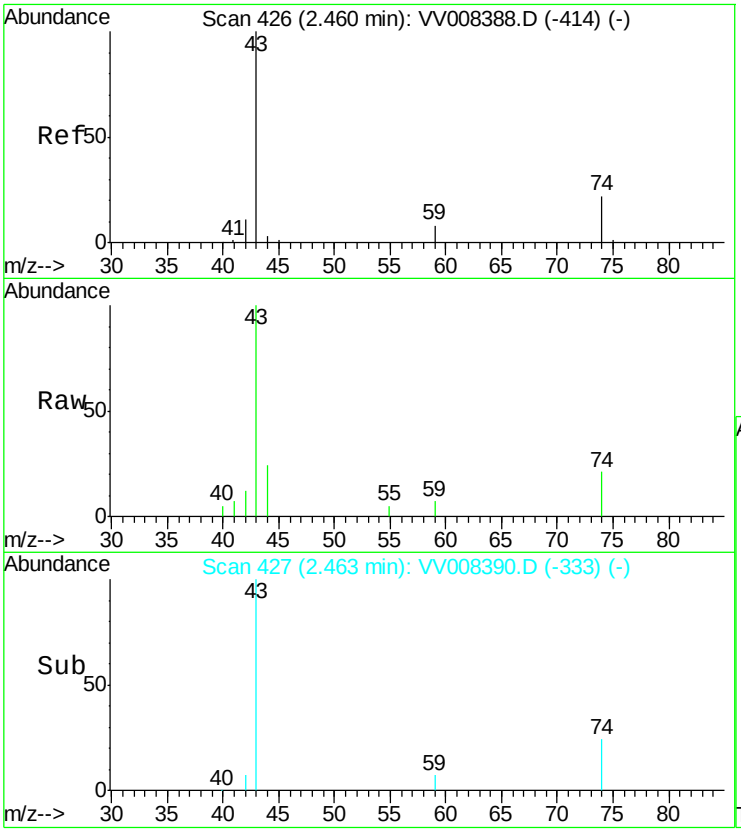


#14
Carbon disulfide
Concen: 1.965 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 76 Resp: 7956

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

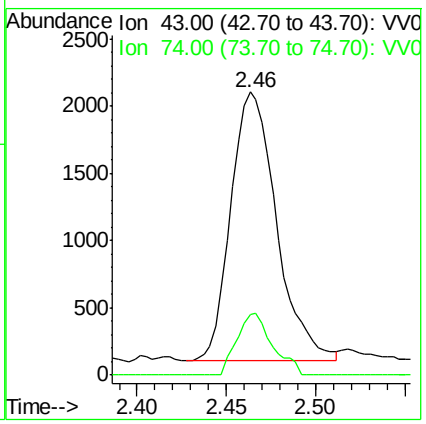




#15
Methyl Acetate
Concen: 1.917 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 43 Resp: 3576

Ion	Ratio	Lower	Upper
43	100		
74	17.8	17.8	26.6



Instrument :
MSVOA_V
ClientSampleId :
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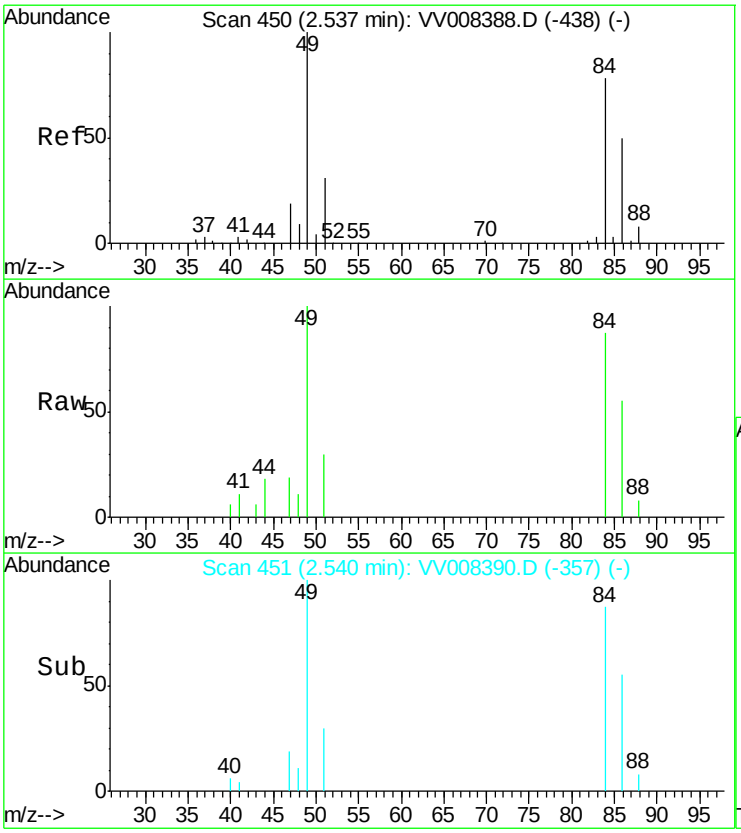
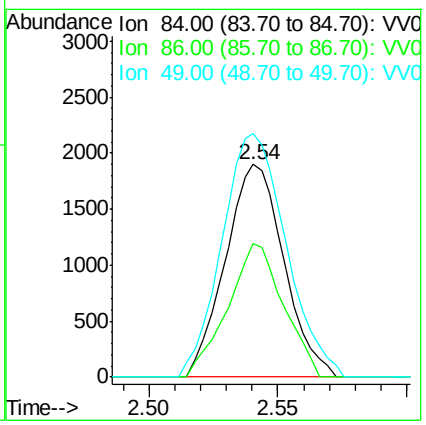
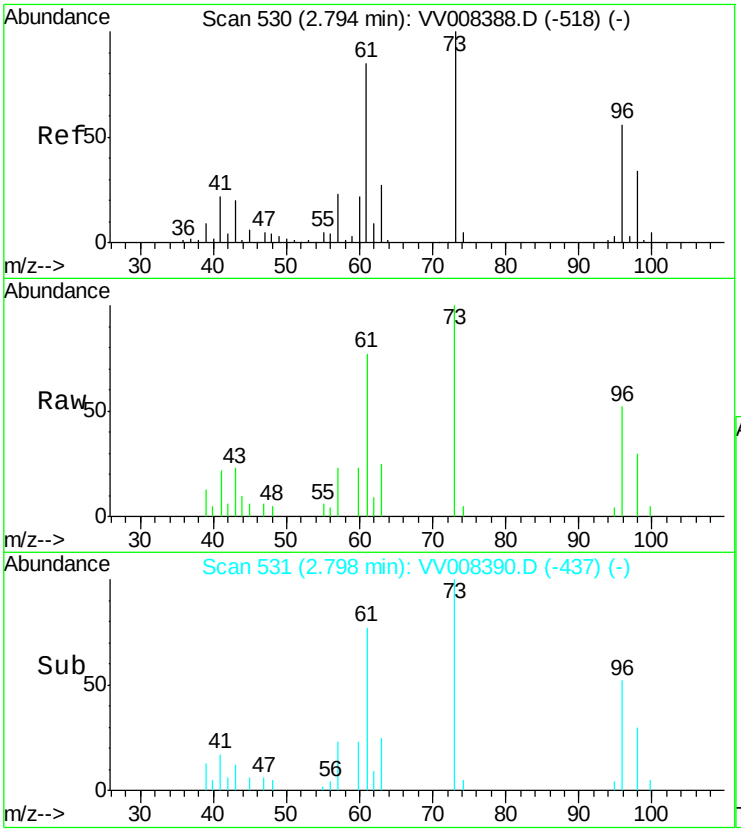


#16
Methylene chloride
Concen: 1.931 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 84 Resp: 3006

Ion	Ratio	Lower	Upper
84	100		
86	62.7	45.6	84.6
49	114.7	90.6	168.3

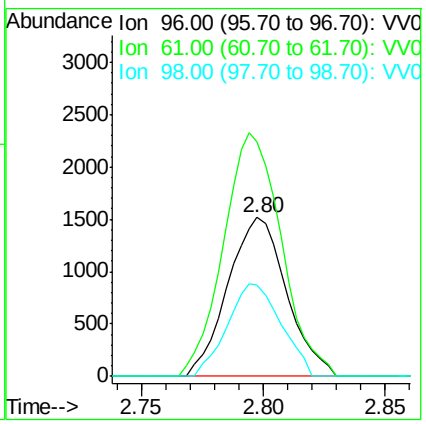




#17
trans-1,2-Dichloroethene
Concen: 1.853 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 96 Resp: 2539

Ion	Ratio	Lower	Upper
96	100		
61	147.8	108.6	201.6
98	57.7	44.3	82.3



Instrument :
MSVOA_V
ClientSampleId :
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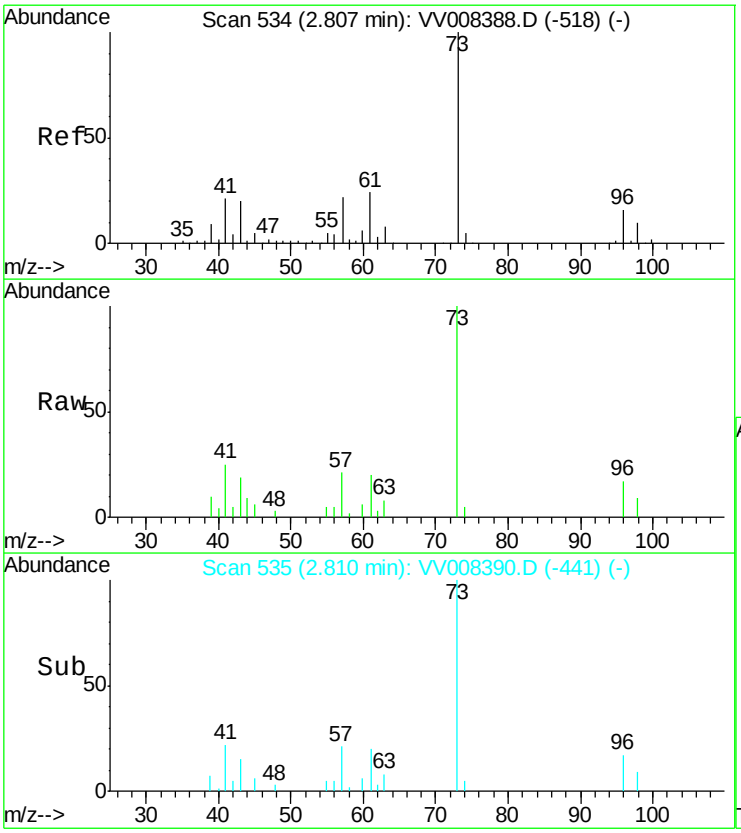
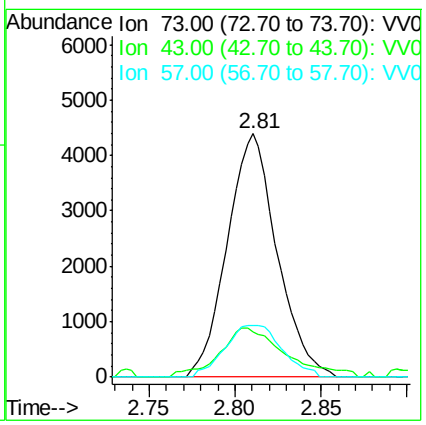
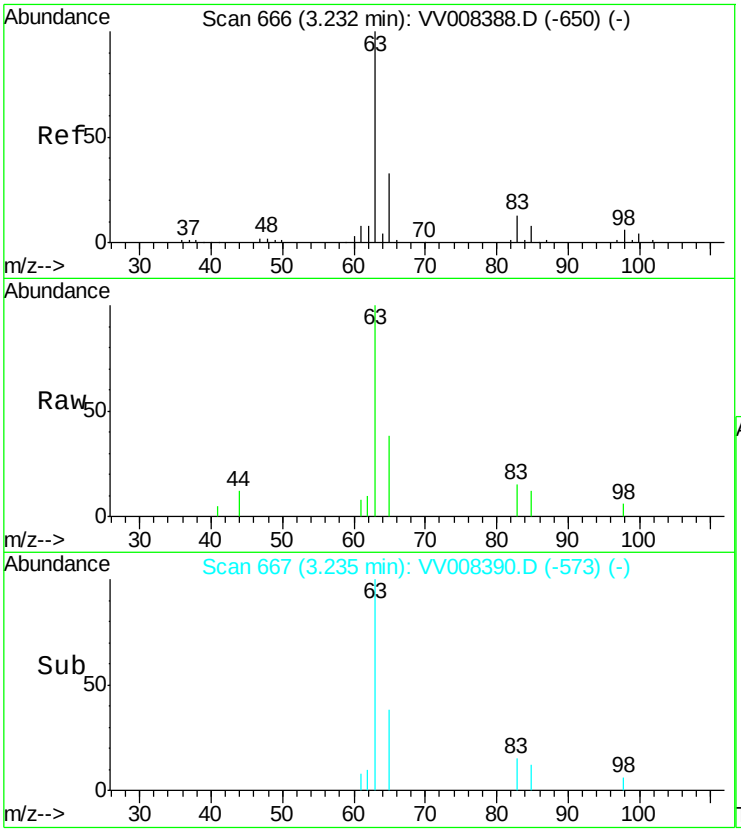


#18
Methyl tert-butyl Ether
Concen: 1.806 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 73 Resp: 8854

Ion	Ratio	Lower	Upper
73	100		
43	26.3	16.2	24.4#
57	24.2	18.2	27.2

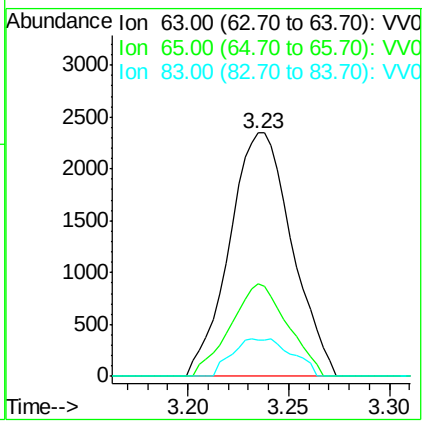




#19
1,1-Dichloroethane
Concen: 1.792 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 63 Resp: 5063

Ion	Ratio	Lower	Upper
63	100		
65	38.2	22.0	40.8
83	14.8	9.3	17.3



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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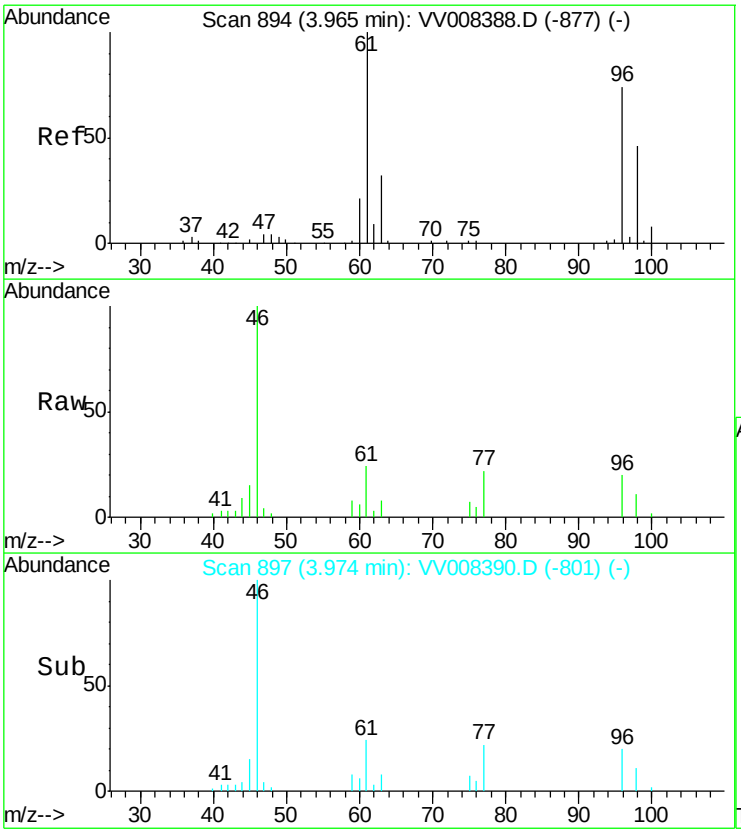
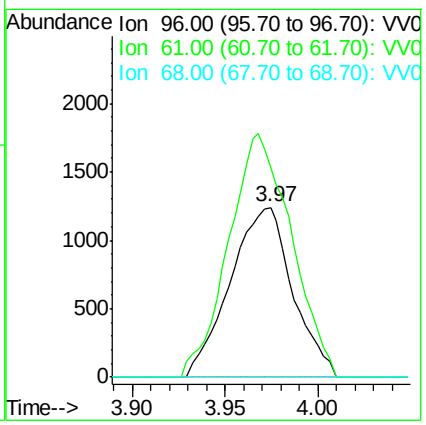
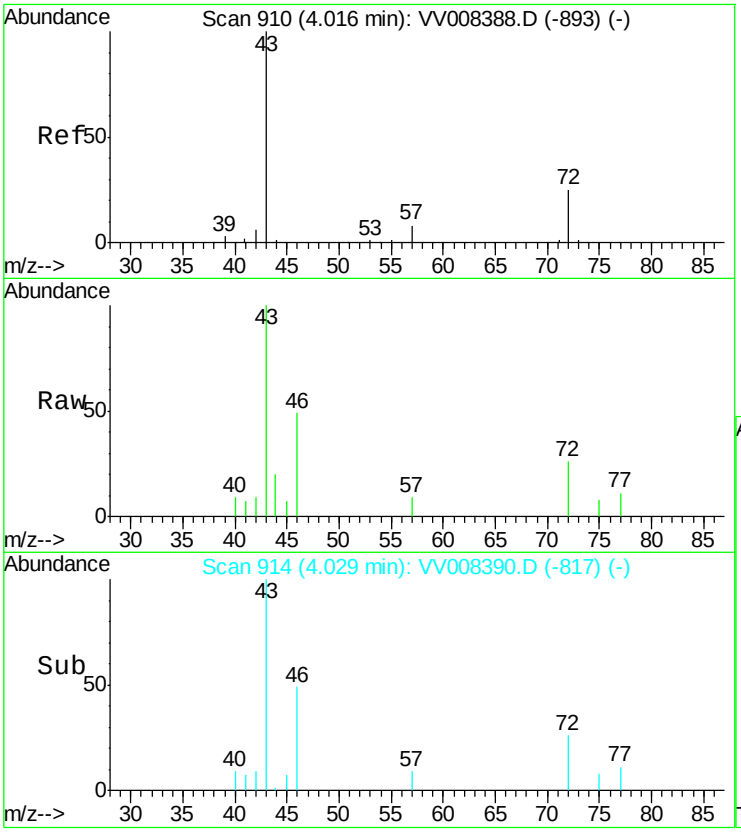


#20
cis-1,2-Dichloroethene
Concen: 1.859 ug/L
RT: 3.97 min Scan# 897
Delta R.T. 0.01 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 96 Resp: 2901

Ion	Ratio	Lower	Upper
96	100		
61	122.9	100.9	187.5
68	0.0	0.0	0.0

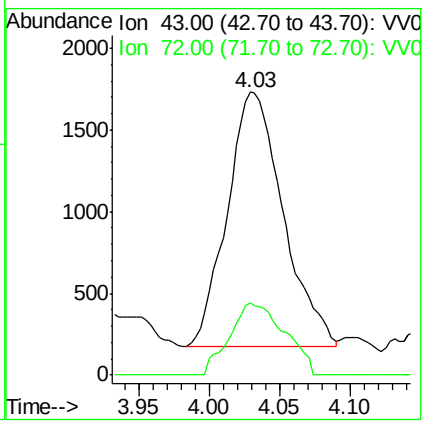




#22
2-Butanone
Concen: 3.177 ug/L
RT: 4.03 min Scan# 914
Delta R.T. 0.01 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 43 Resp: 4293

Ion	Ratio	Lower	Upper
43	100		
72	28.0	13.0	38.9



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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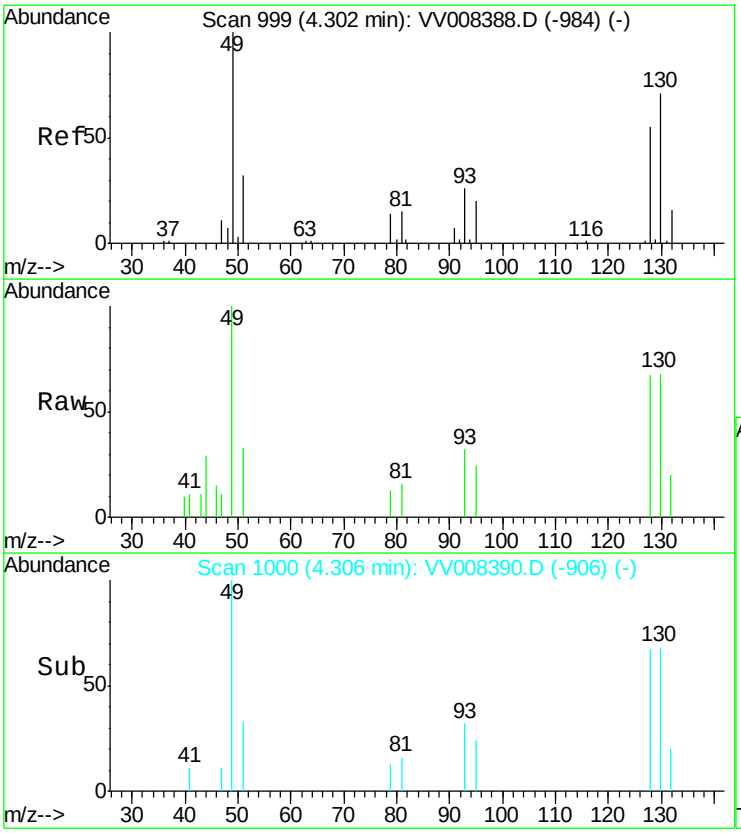
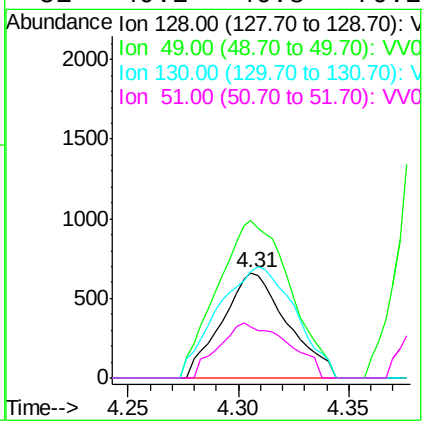
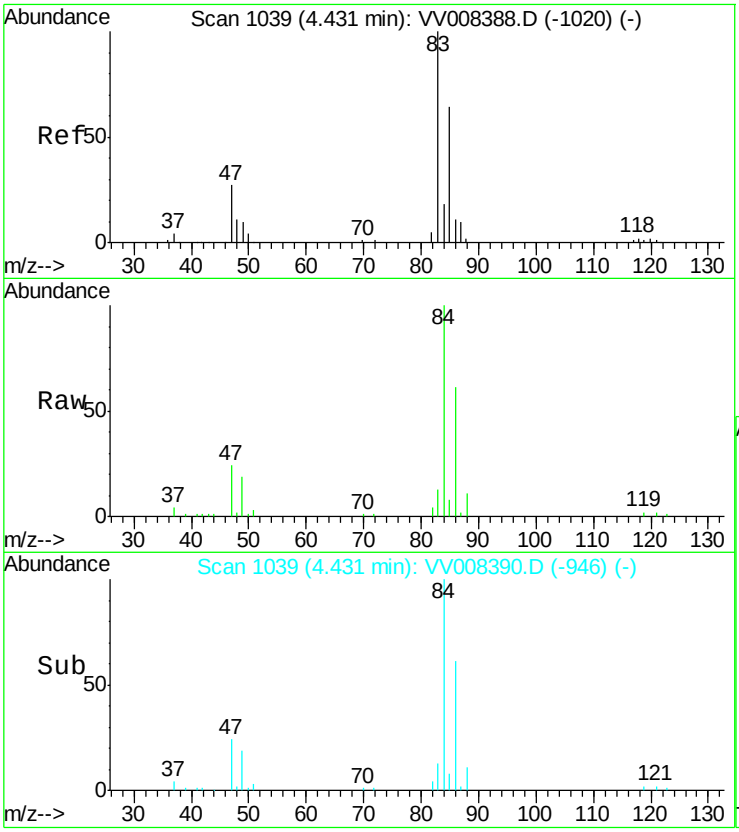


#23
Bromochloromethane
Concen: 1.839 ug/L
RT: 4.31 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:128 Resp: 1354

Ion	Ratio	Lower	Upper
128	100		
49	149.2	128.0	237.8
130	101.1	89.2	165.8
51	49.2	46.8	70.2

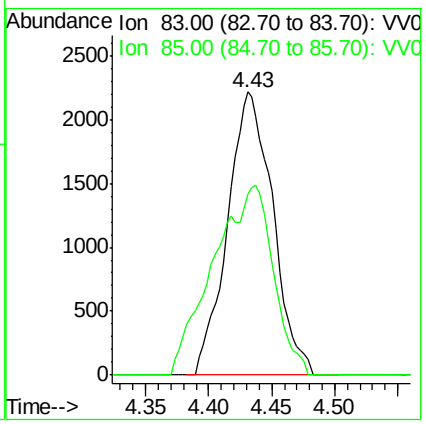




#25
Chloroform
Concen: 2.000 ug/L m
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 83 Resp: 5517

Ion	Ratio	Lower	Upper
83	100		
85	64.0	45.8	85.2



Instrument :
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ClientSampleId :
MDL01

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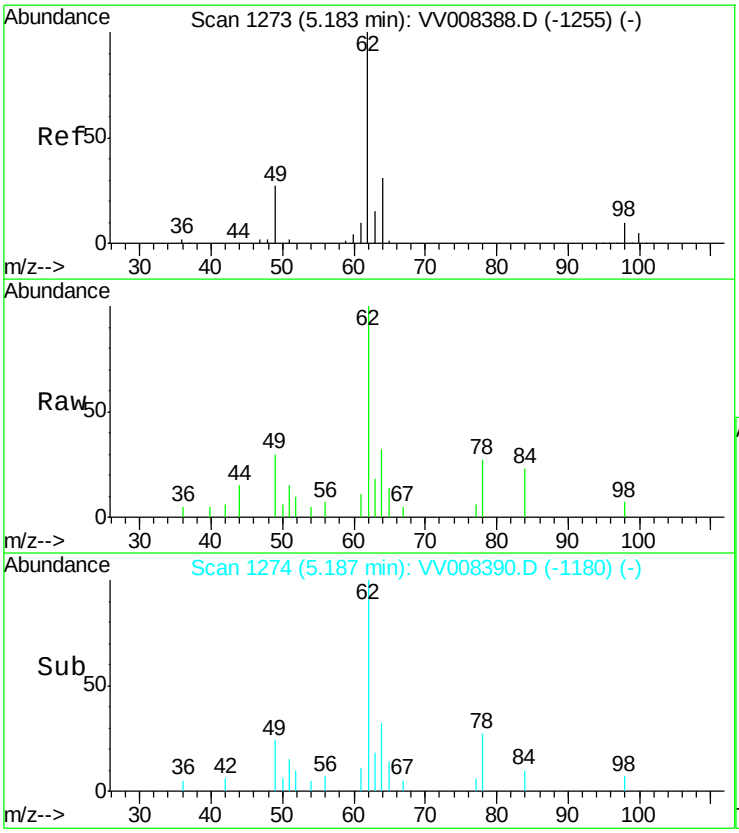
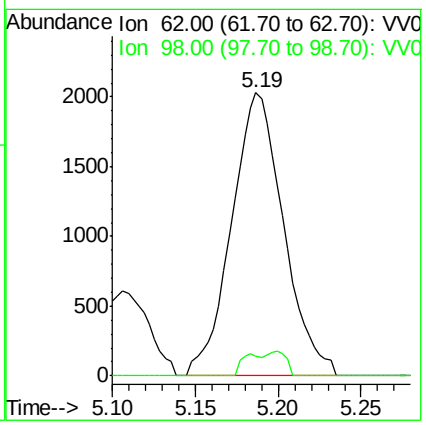
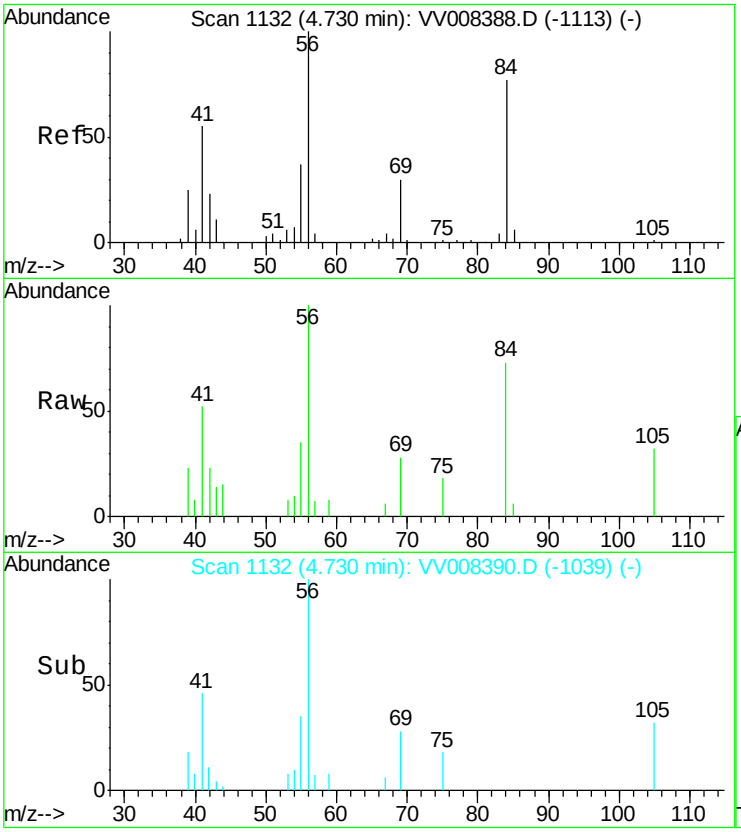


#27
1,2-Dichloroethane
Concen: 1.922 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 62 Resp: 4428

Ion	Ratio	Lower	Upper
62	100		
98	7.1	6.6	9.8

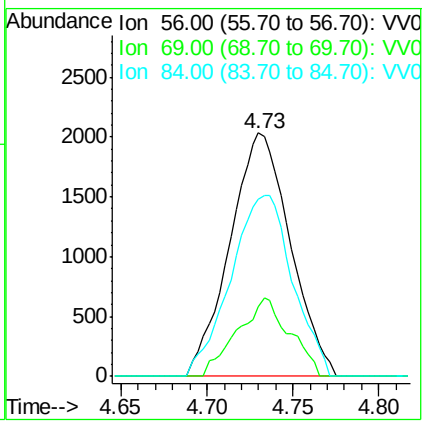




#29
Cyclohexane
Concen: 1.901 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 56 Resp: 4944

Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.6	37.0
84	76.3	65.0	97.4



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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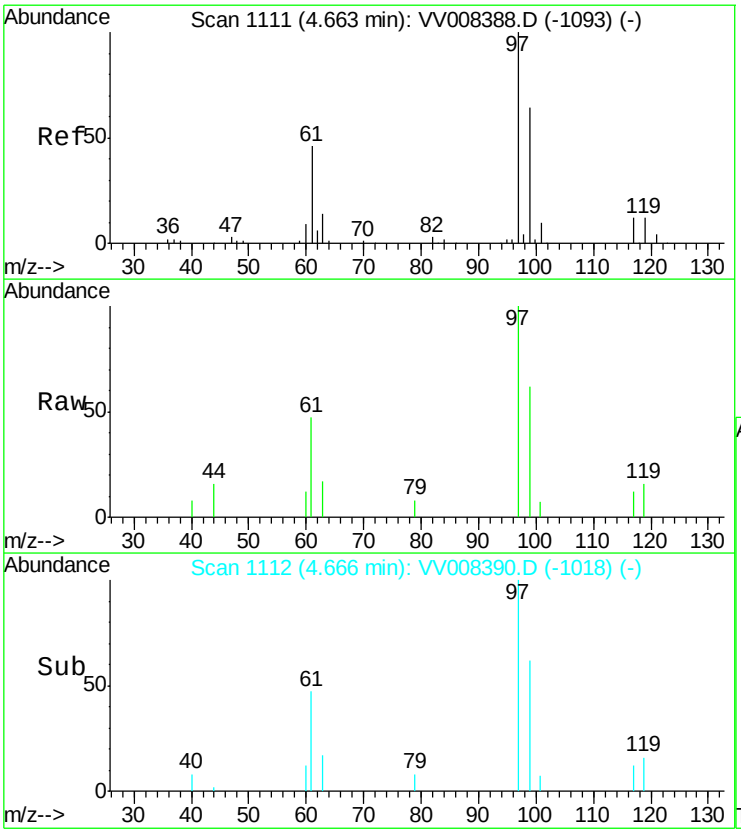
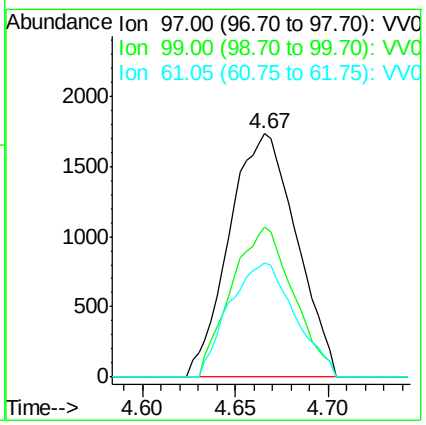
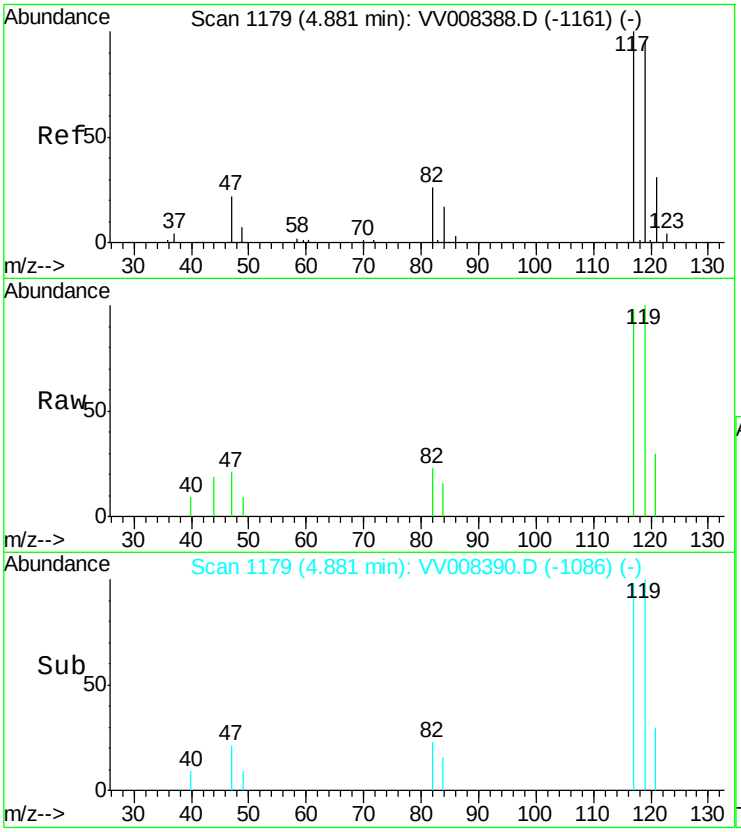


#30
1,1,1-Trichloroethane
Concen: 1.883 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 97 Resp: 4361

Ion	Ratio	Lower	Upper
97	100		
99	56.8	51.6	77.4
61	45.5	36.5	54.7





#31
Carbon tetrachloride
Concen: 1.794 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:117 Resp: 3527

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.8	113.8

Instrument :
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ClientSampleId :
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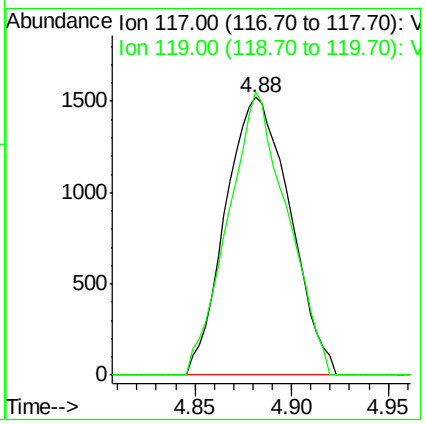
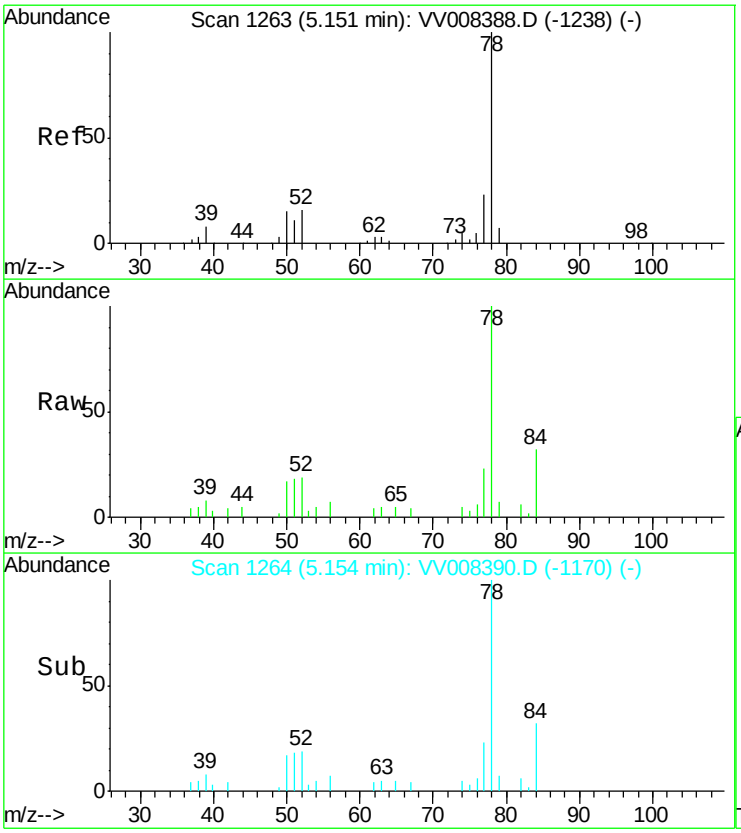
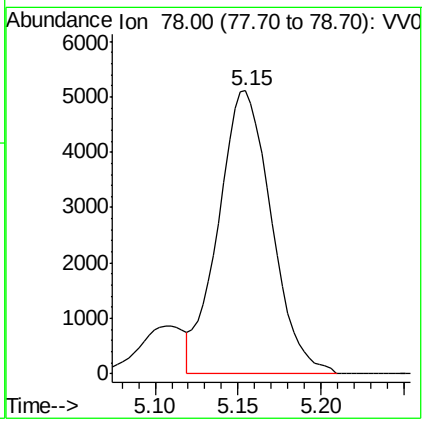
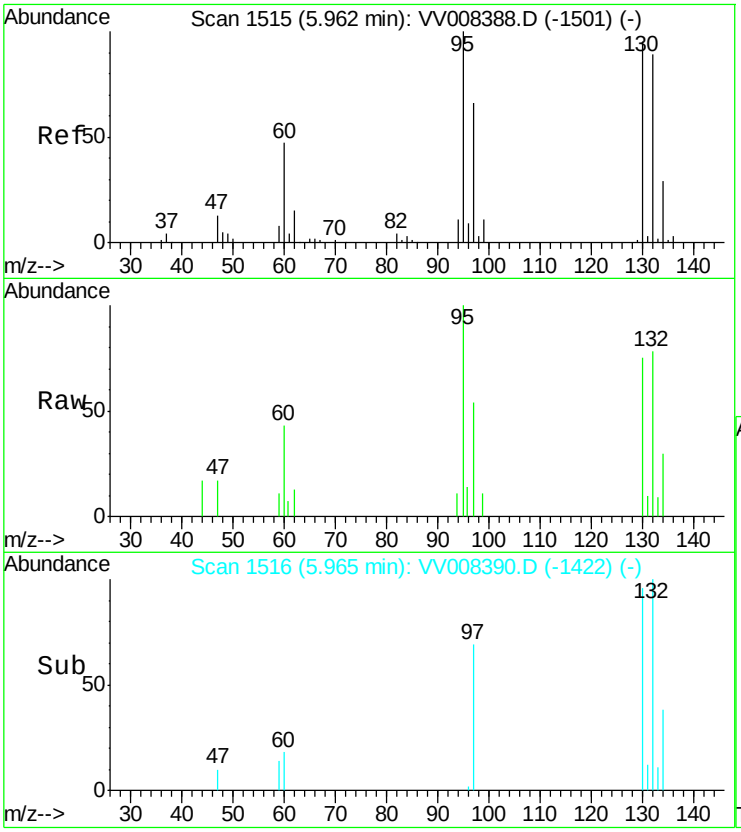




#33
Benzene
Concen: 1.950 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 78 Resp: 11384

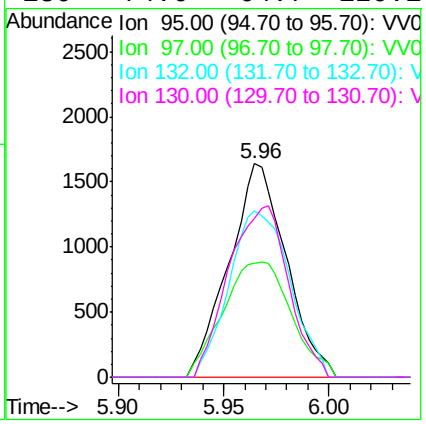




#34
Trichloroethene
Concen: 2.072 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 95 Resp: 3098

Ion	Ratio	Lower	Upper
95	100		
97	53.6	45.2	84.0
132	78.0	63.8	118.6
130	74.6	64.7	120.1



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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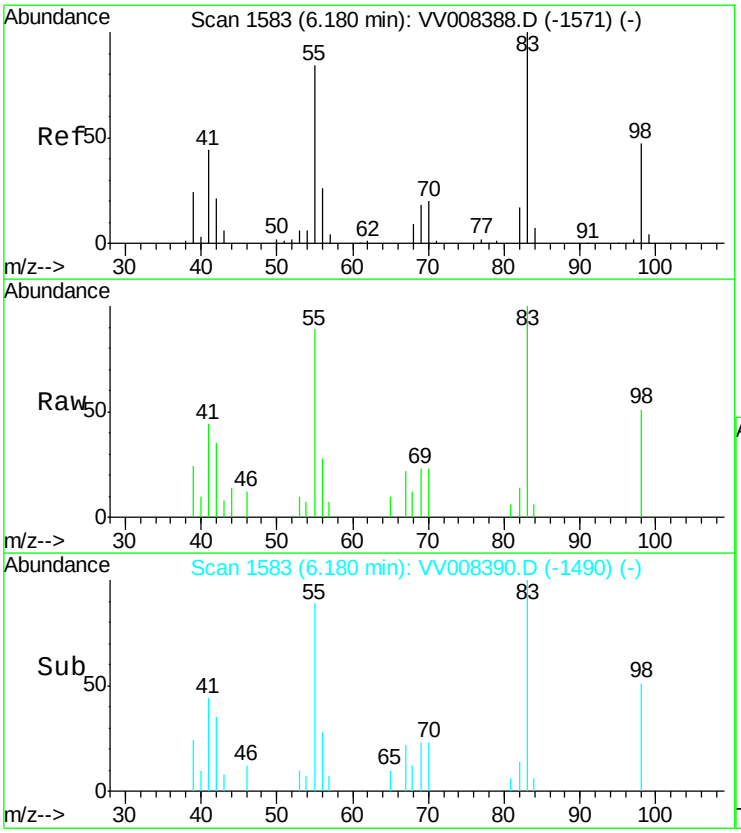
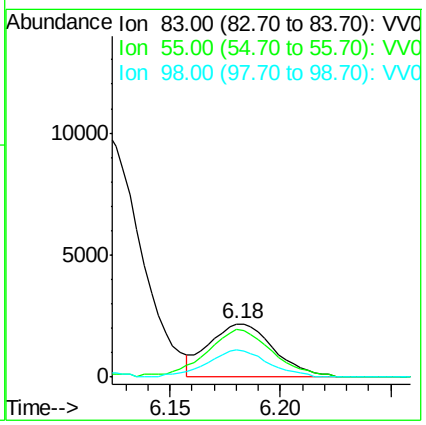
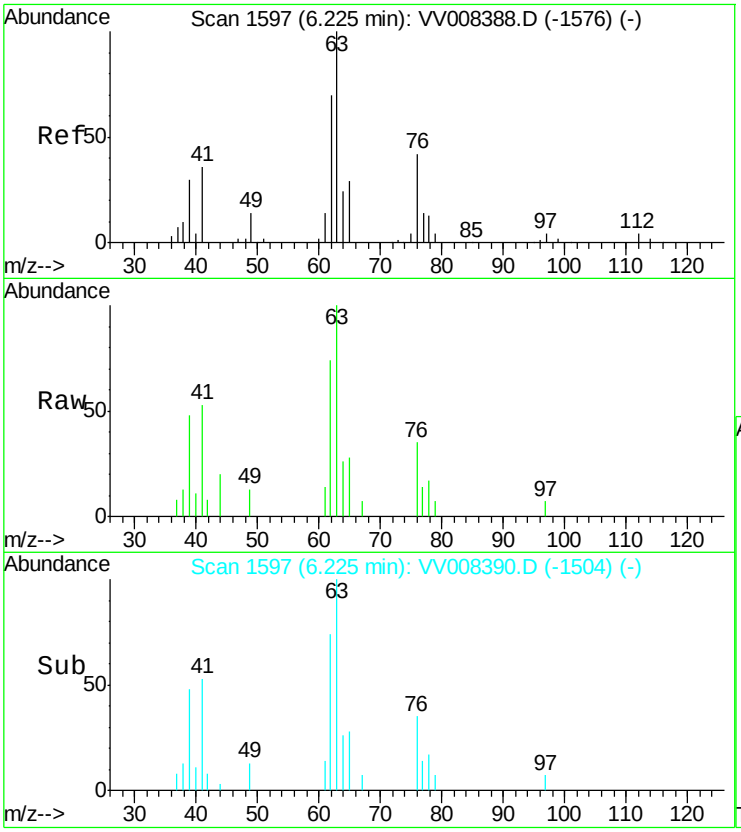


#35
Methylcyclohexane
Concen: 1.755 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 83 Resp: 4460

Ion	Ratio	Lower	Upper
83	100		
55	89.1	65.0	97.4
98	47.5	36.0	54.0

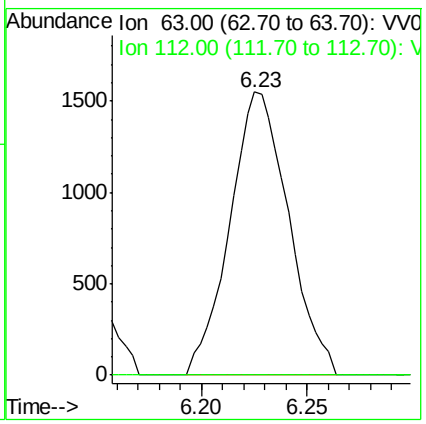




#37
1,2-Dichloropropane
Concen: 1.860 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 63 Resp: 2999

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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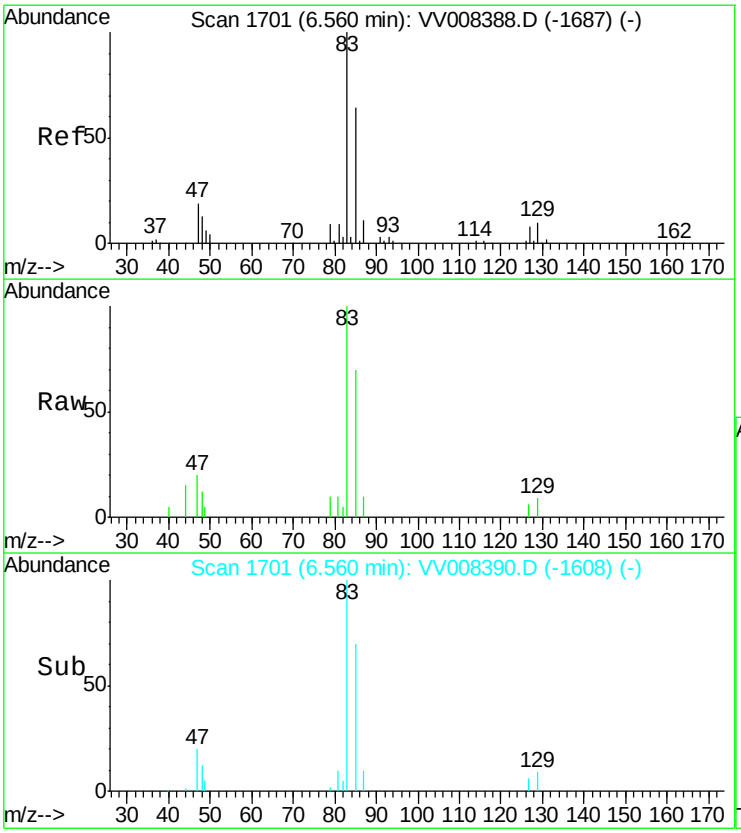
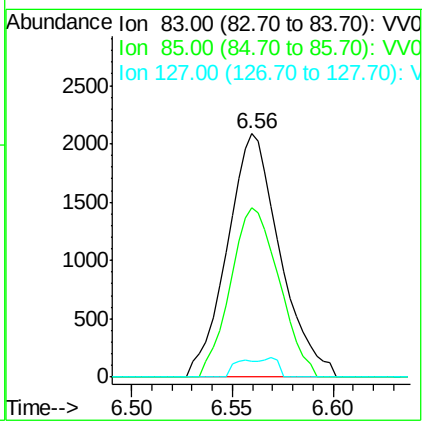
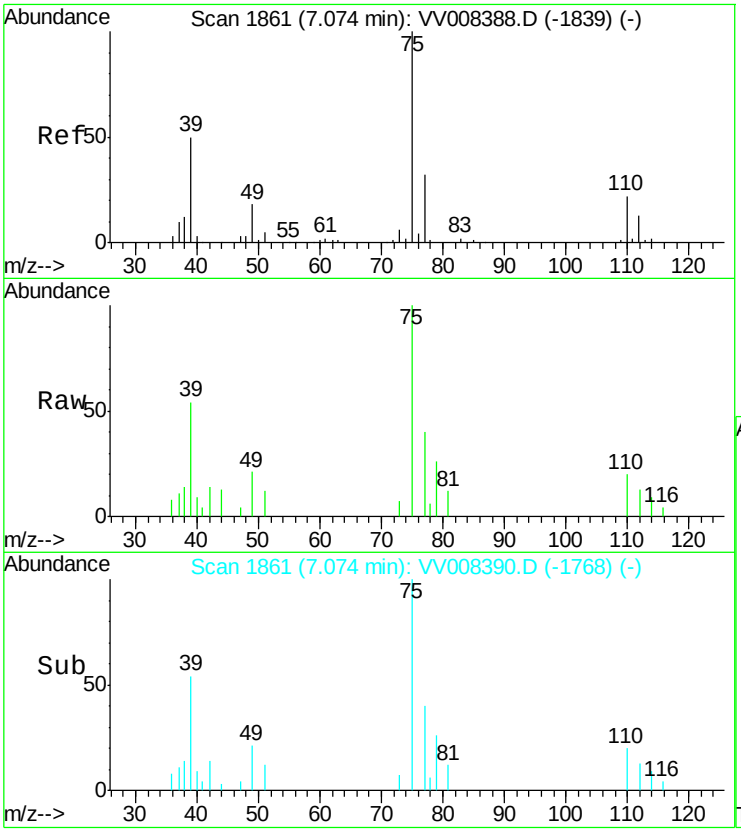


#38
Bromodichloromethane
Concen: 1.853 ug/L
RT: 6.56 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 83 Resp: 3808

Ion	Ratio	Lower	Upper
83	100		
85	69.6	44.3	82.3
127	6.5	6.3	9.5

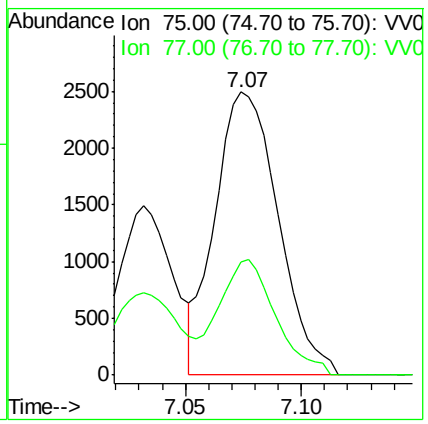




#39
cis-1,3-Dichloropropene
Concen: 1.867 ug/L
RT: 7.07 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 75 Resp: 4732

Ion	Ratio	Lower	Upper
75	100		
77	39.8	22.6	42.0



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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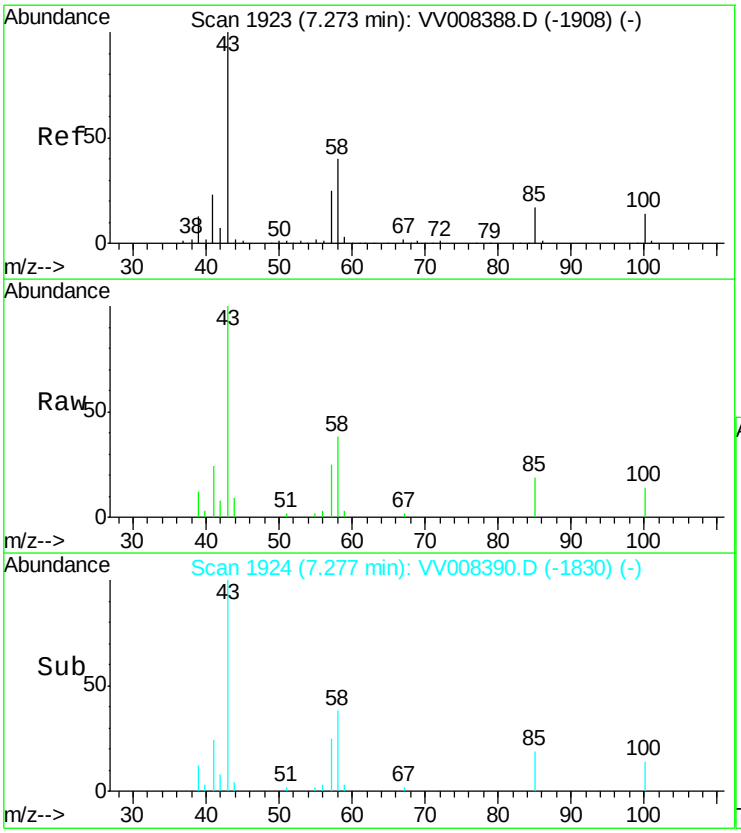
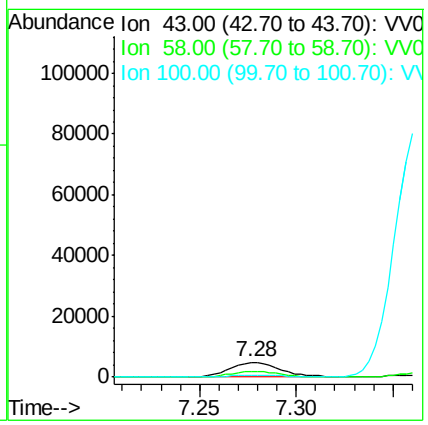
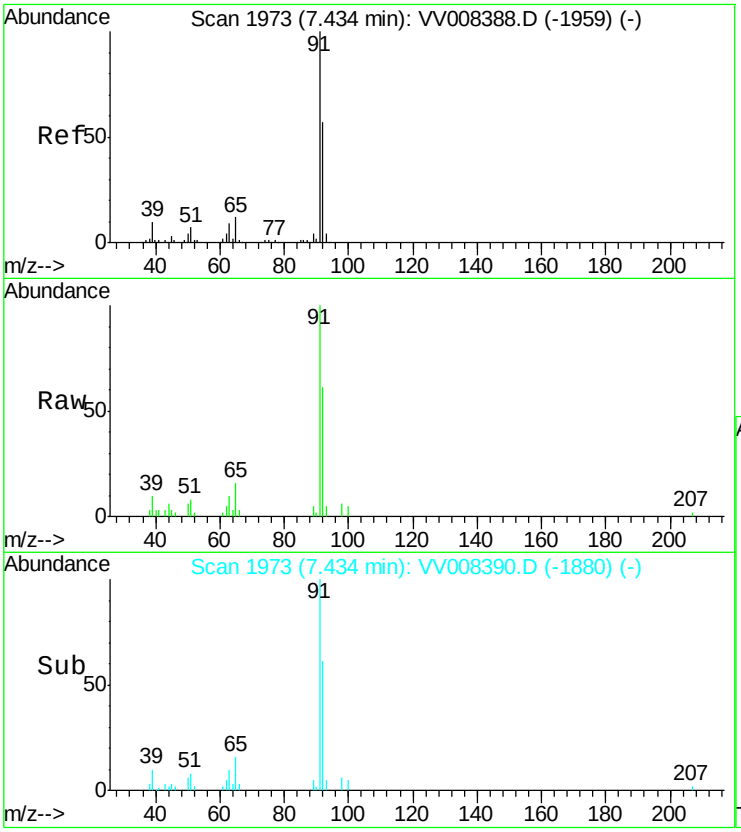


#40
4-Methyl-2-pentanone
Concen: 3.449 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 43 Resp: 8236

Ion	Ratio	Lower	Upper
43	100		
58	40.6	30.9	46.3
100	13.7	10.9	16.3

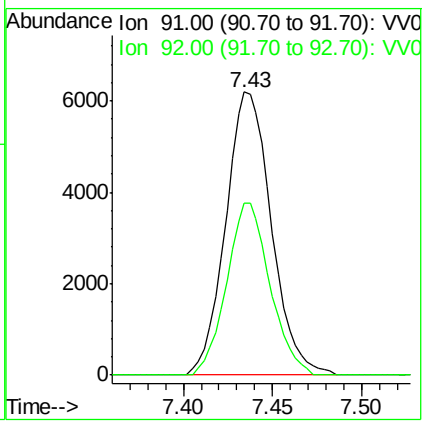




#42
Toluene
Concen: 1.826 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 91 Resp: 11074

Ion	Ratio	Lower	Upper
91	100		
92	60.7	39.5	73.4



Instrument :
MSVOA_V
ClientSampleId :
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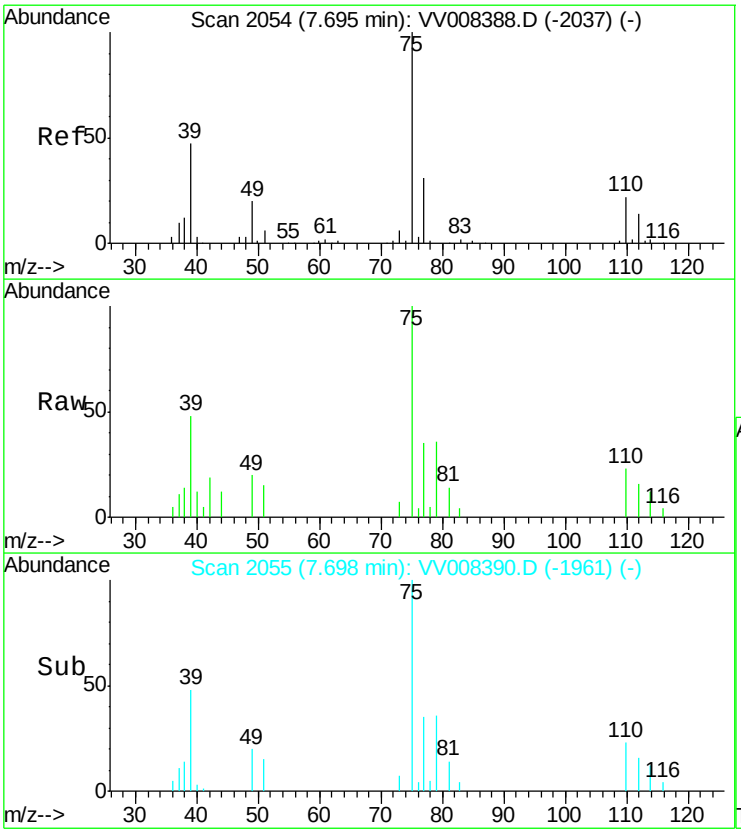
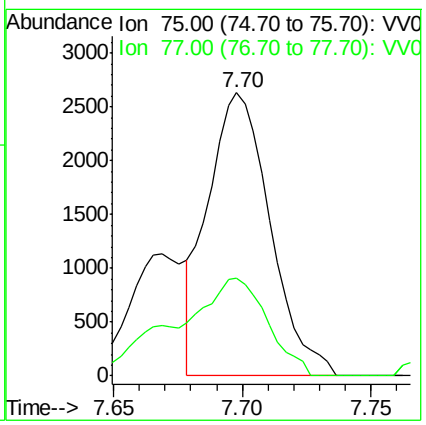
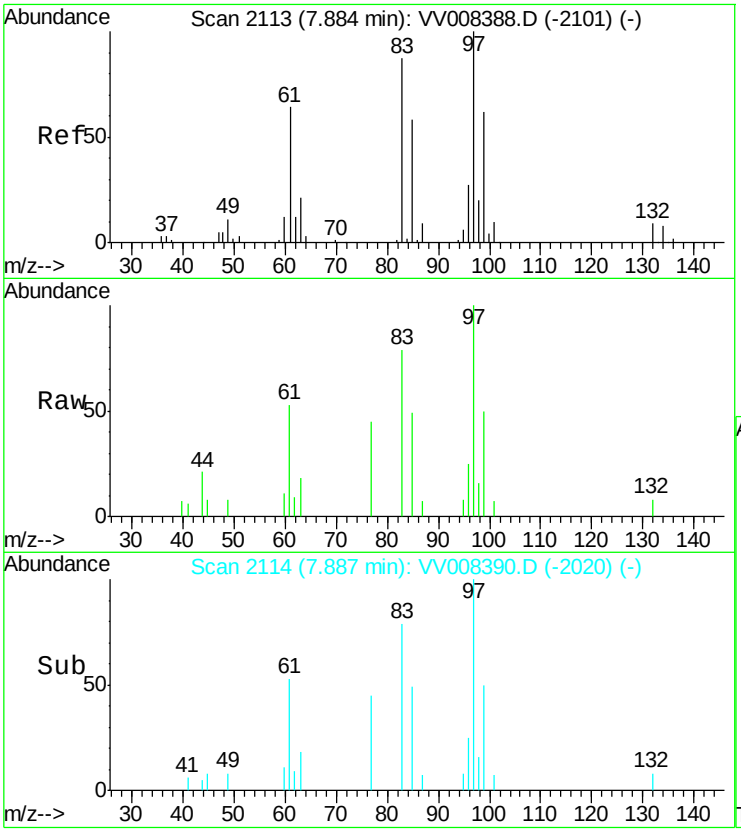


#44
trans-1,3-Dichloropropene
Concen: 1.864 ug/L
RT: 7.70 min Scan# 2055
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 75 Resp: 4421

Ion	Ratio	Lower	Upper
75	100		
77	34.7	21.8	40.4

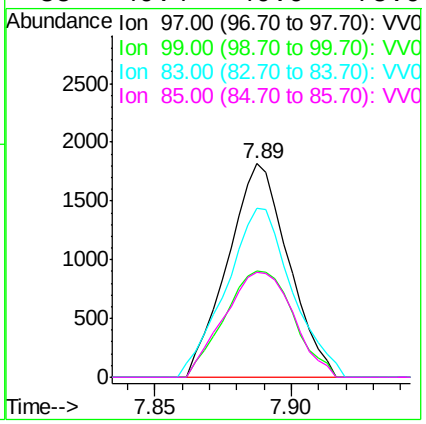




#45
1,1,2-Trichloroethane
Concen: 1.967 ug/L
RT: 7.89 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 97 Resp: 2804

Ion	Ratio	Lower	Upper
97	100		
99	49.6	43.3	80.3
83	79.4	61.9	114.9
85	49.4	40.9	75.9



Instrument :
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ClientSampleId :
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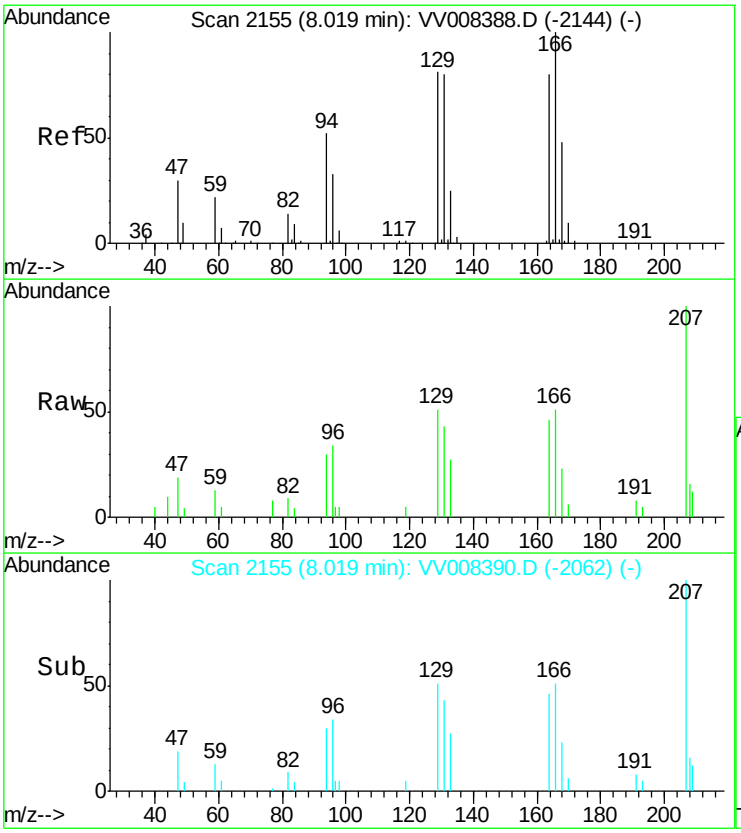
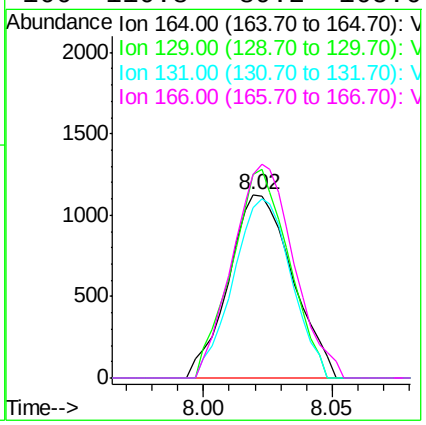
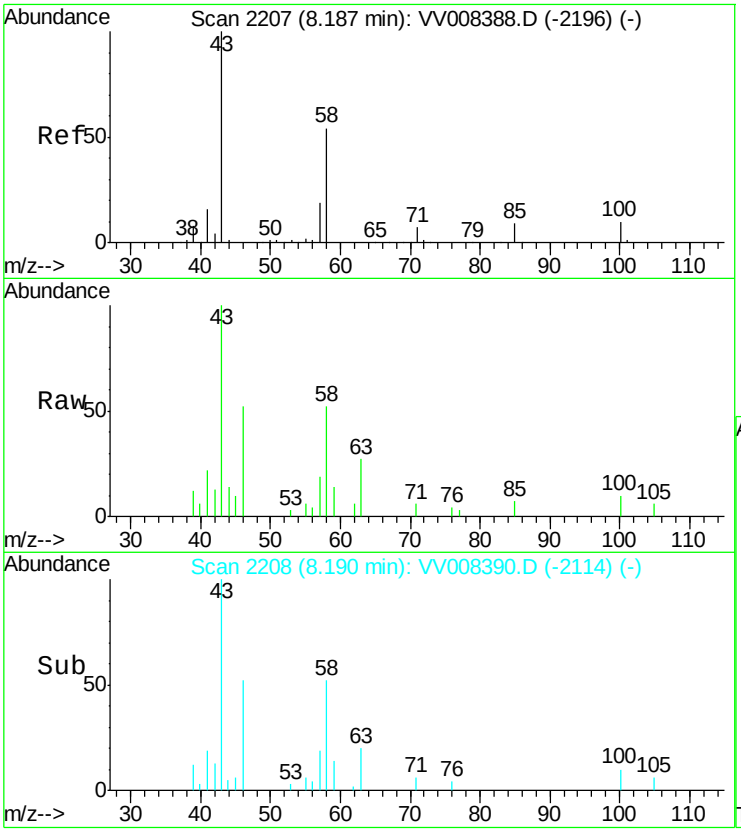


#46
Tetrachloroethene
Concen: 1.989 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:164 Resp: 1938

Ion	Ratio	Lower	Upper
164	100		
129	111.0	75.0	139.2
131	92.6	71.3	132.3
166	110.8	89.2	165.6

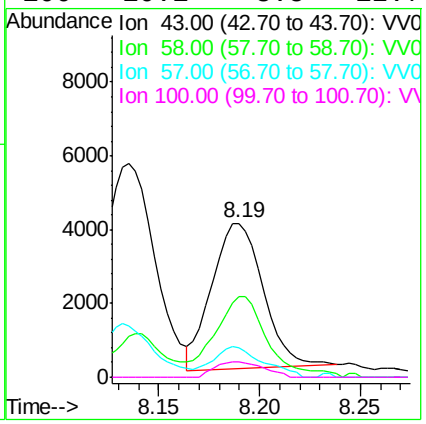




#48
2-Hexanone
Concen: 3.817 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 43 Resp: 7033

Ion	Ratio	Lower	Upper
43	100		
58	56.3	42.6	63.8
57	20.2	14.8	22.2
100	10.1	8.5	12.7



Instrument :
MSVOA_V
ClientSampleId :
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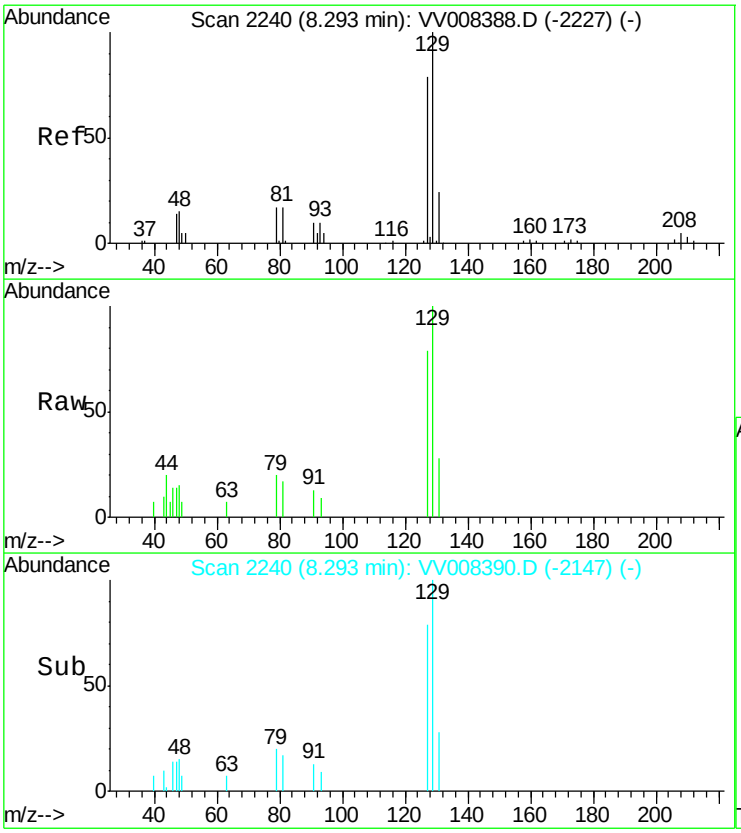
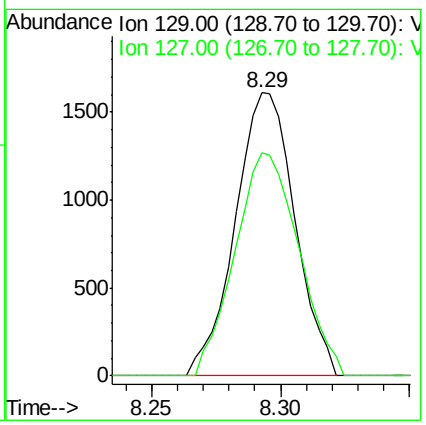
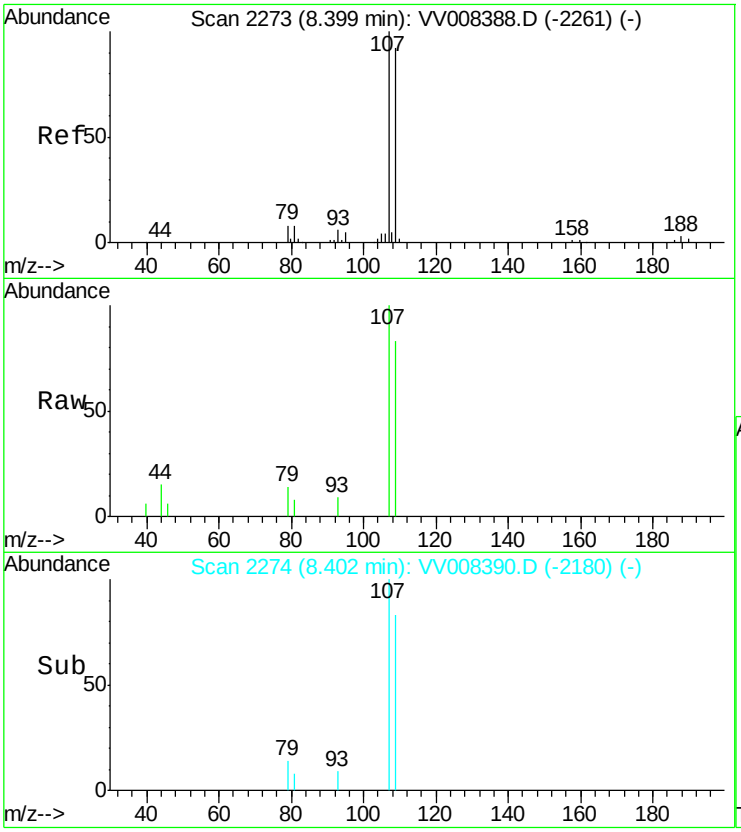


#49
Dibromochloromethane
Concen: 1.693 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:129 Resp: 2594

Ion	Ratio	Lower	Upper
129	100		
127	79.1	54.9	101.9

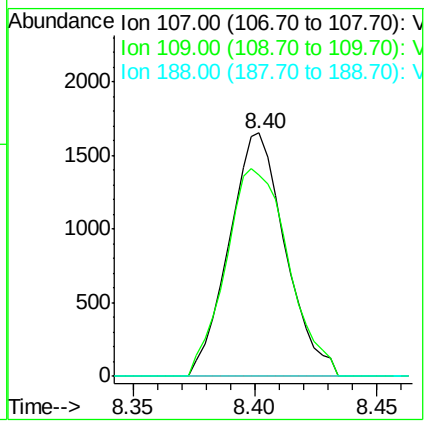




#50
1,2-Dibromoethane
Concen: 1.766 ug/L
RT: 8.40 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:107 Resp: 2642

Ion	Ratio	Lower	Upper
107	100		
109	82.9	65.2	121.2
188	0.0	2.3	3.5#



Instrument :
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ClientSampleId :
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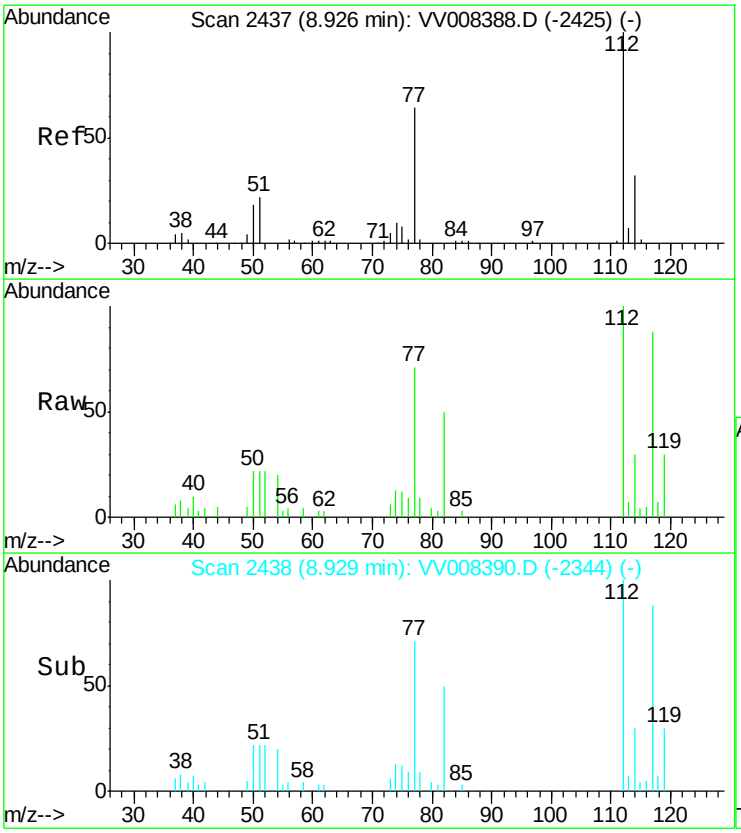
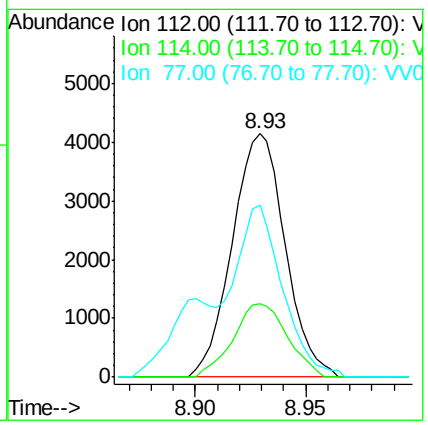
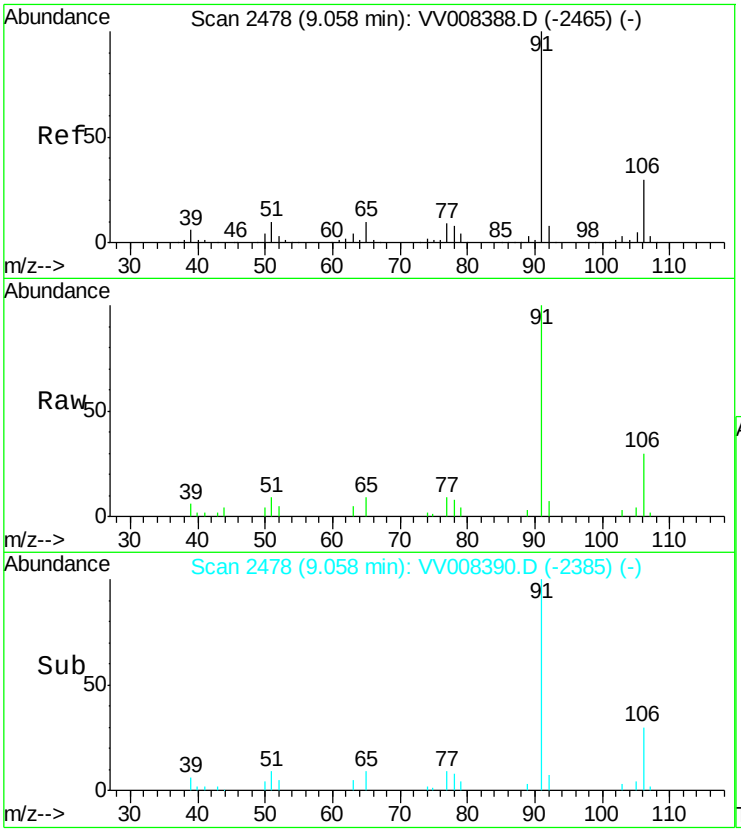


#51
Chlorobenzene
Concen: 1.849 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:112 Resp: 6905

Ion	Ratio	Lower	Upper
112	100		
114	30.0	22.5	41.7
77	70.6	52.0	78.0

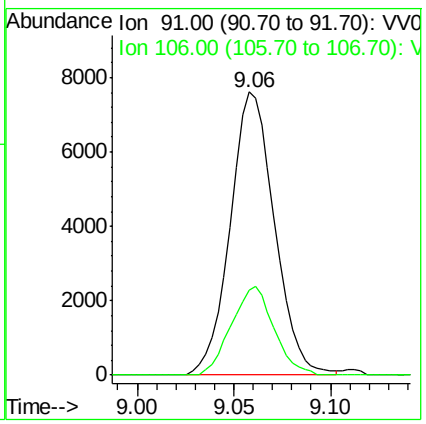




#52
Ethylbenzene
Concen: 1.780 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 91 Resp: 12095

Ion	Ratio	Lower	Upper
91	100		
106	30.0	21.3	39.5



Instrument :
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ClientSampleId :
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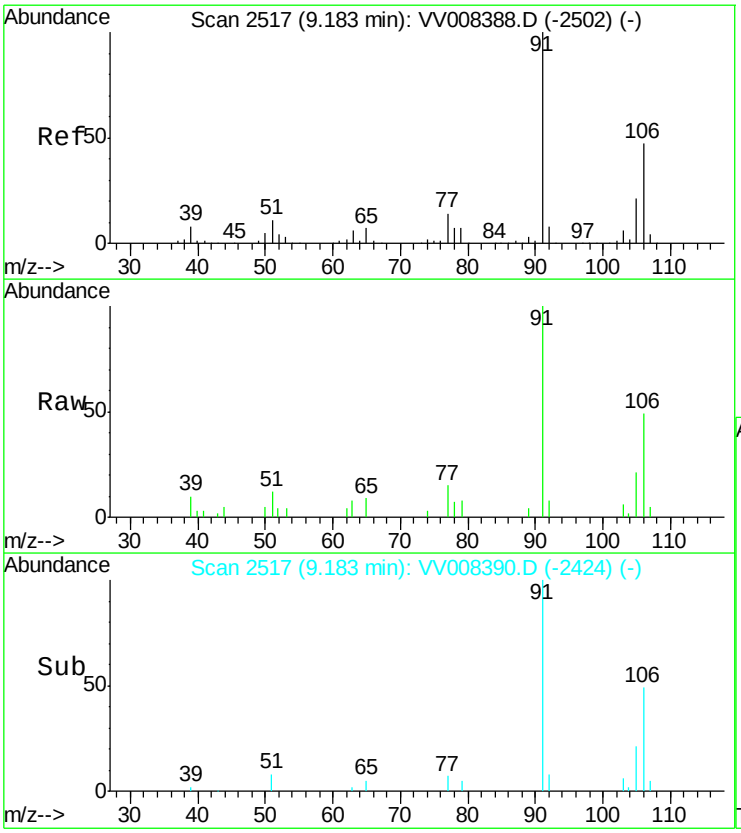
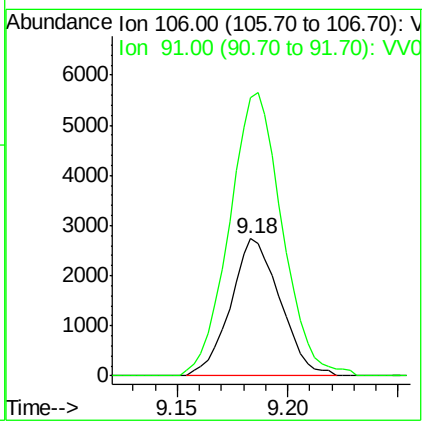
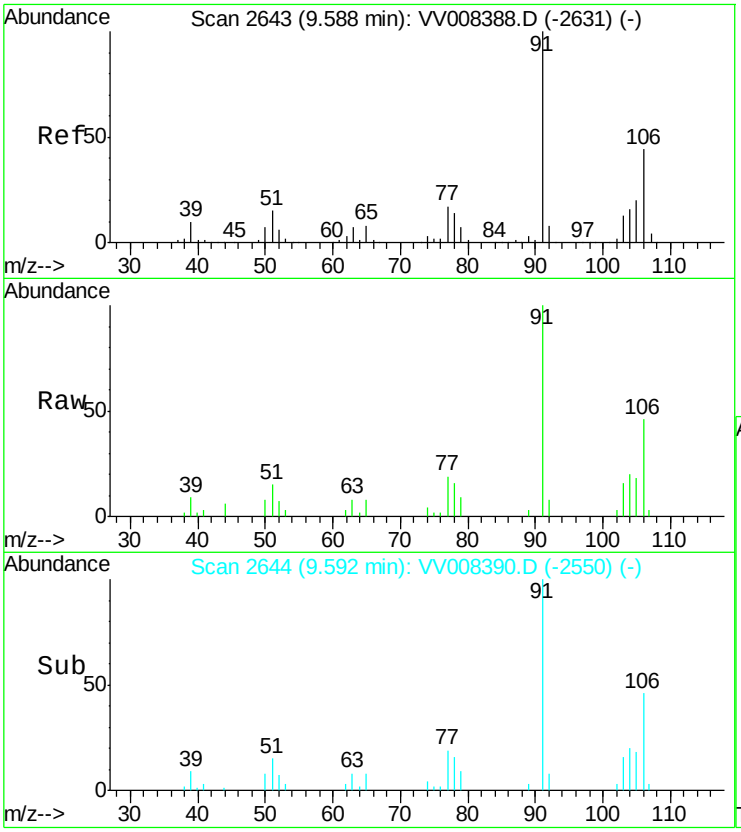


#53
m,p-Xylene
Concen: 1.716 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:106 Resp: 4260

Ion	Ratio	Lower	Upper
106	100		
91	202.2	150.0	278.6

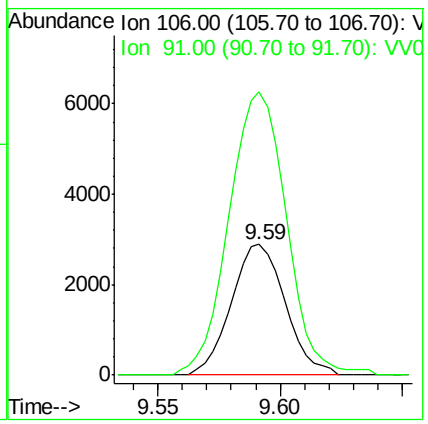




#54
o-xylene
Concen: 1.795 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:106 Resp: 4450

Ion	Ratio	Lower	Upper
106	100		
91	216.2	158.7	294.7



Instrument :
MSVOA_V
ClientSampleId :
MDL01

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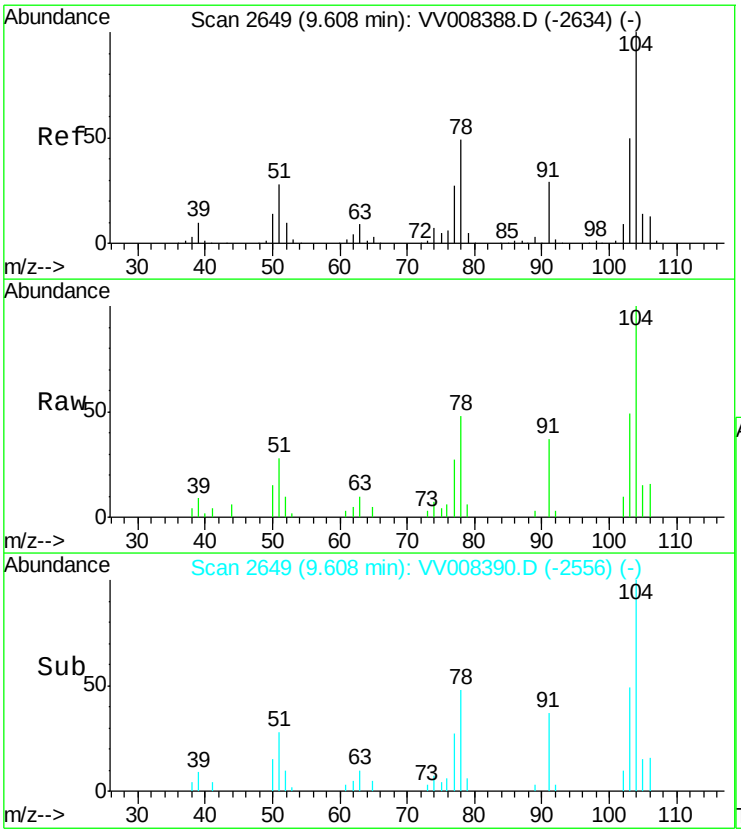
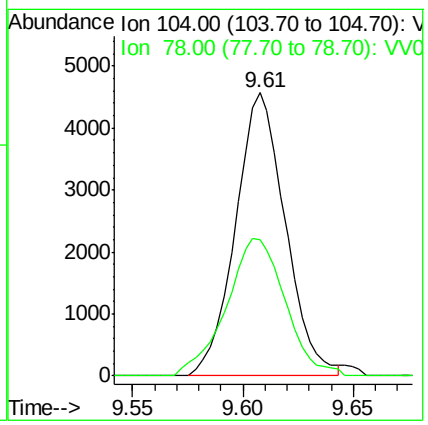
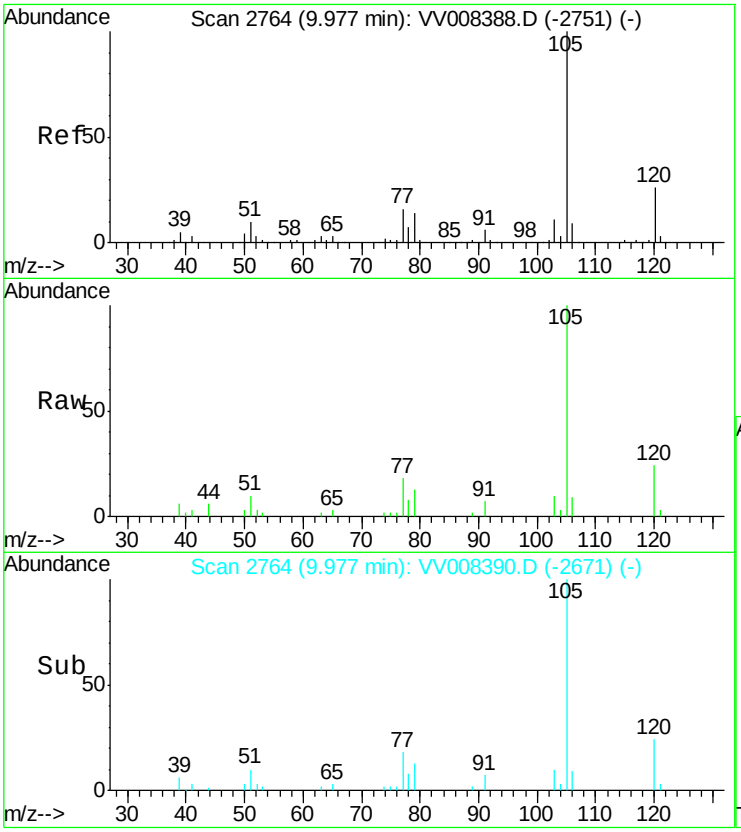


#55
Styrene
Concen: 1.721 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:104 Resp: 7185

Ion	Ratio	Lower	Upper
104	100		
78	48.2	34.4	64.0

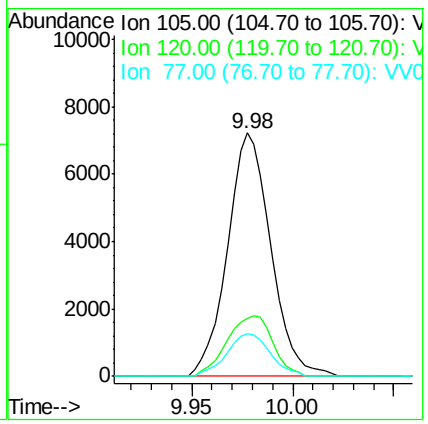




#56
Isopropylbenzene
Concen: 1.670 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:105 Resp: 10828

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.7	31.1
77	17.7	13.5	20.3



Instrument :
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ClientSampleId :
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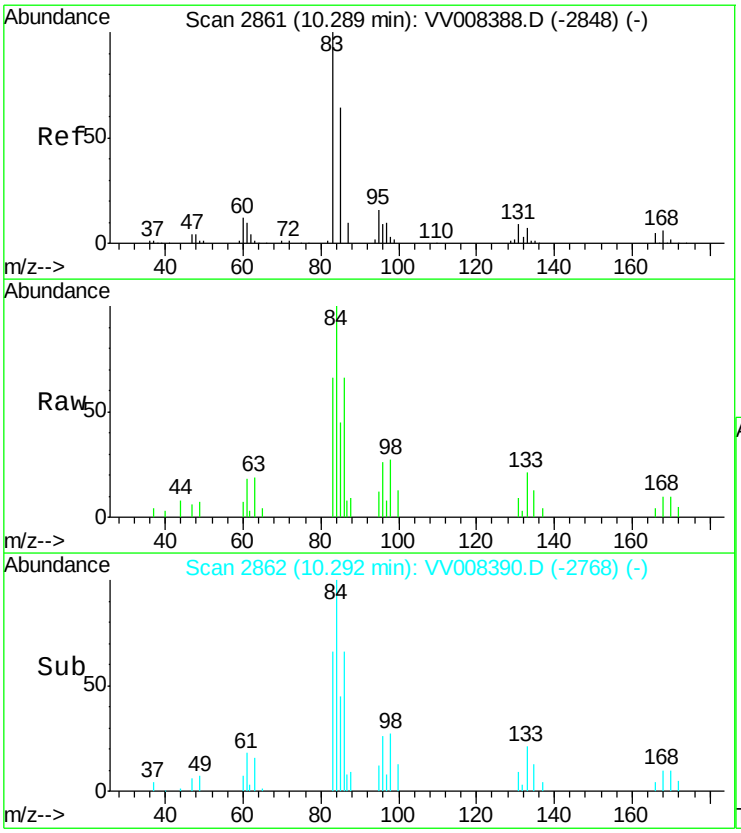
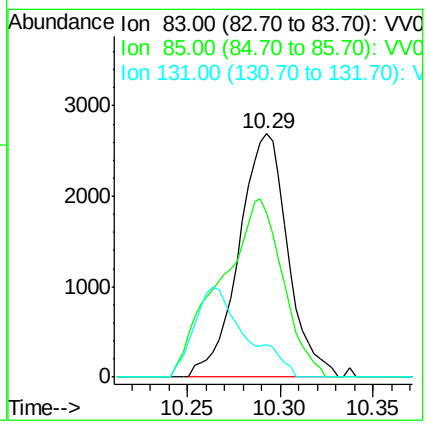
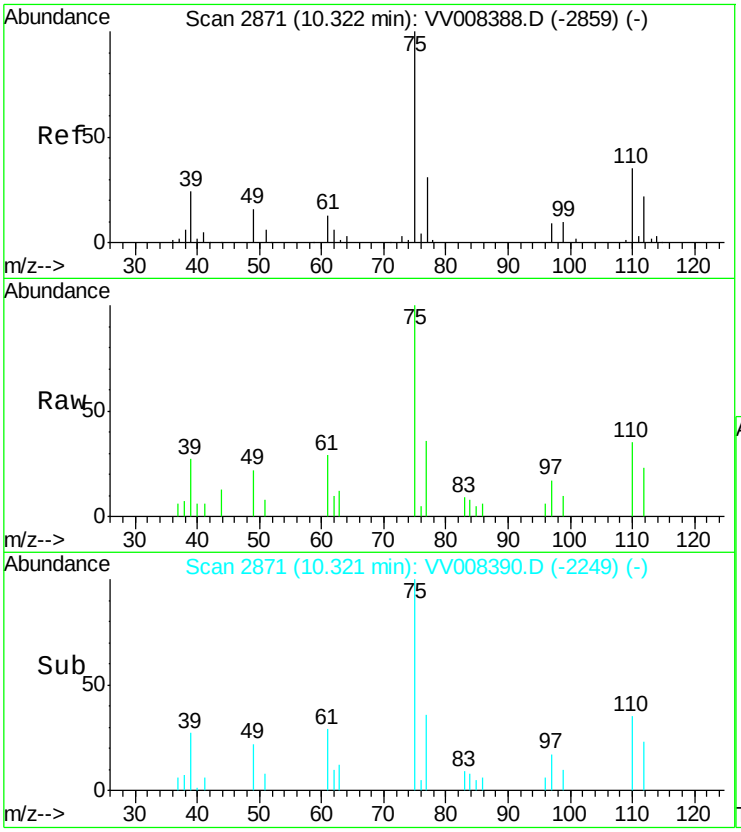


#58
1,1,2,2-Tetrachloroethane
Concen: 1.972 ug/L
RT: 10.29 min Scan# 2862
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 83 Resp: 4923

Ion	Ratio	Lower	Upper
83	100		
85	67.5	45.8	85.2
131	13.4	7.3	10.9#





#59
1,2,3-Trichloropropane
Concen: 1.879 ug/L
RT: 10.32 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 75 Resp: 3798

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.8	38.8

Instrument :
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ClientSampleId :
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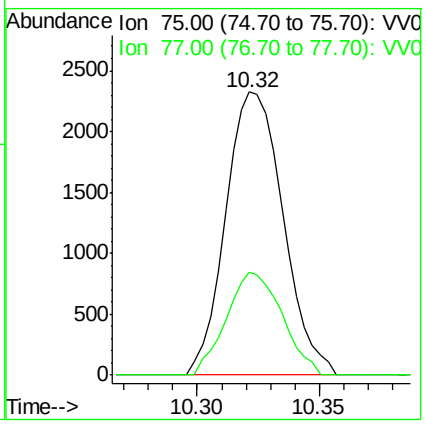
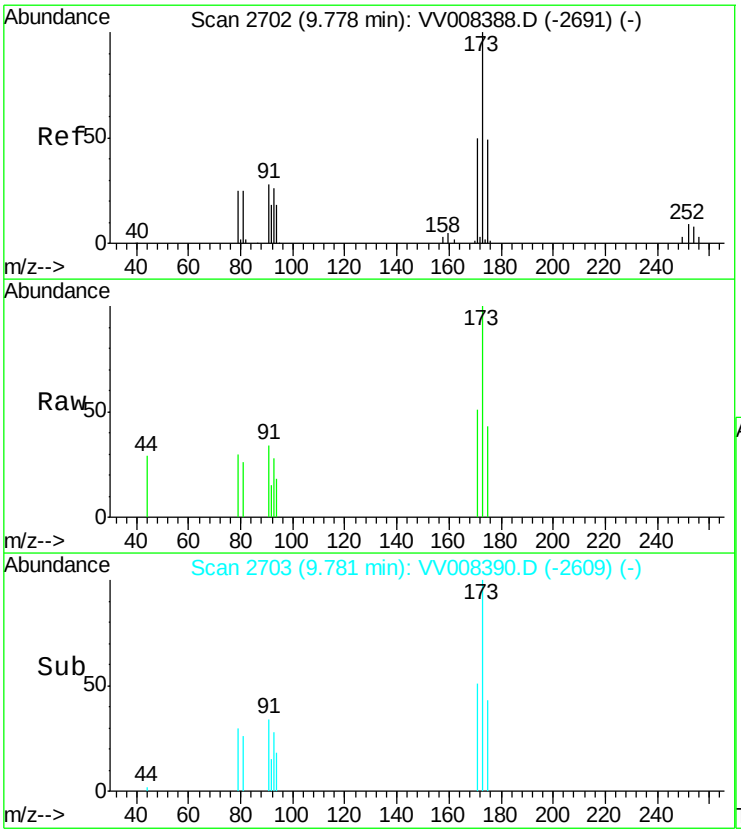
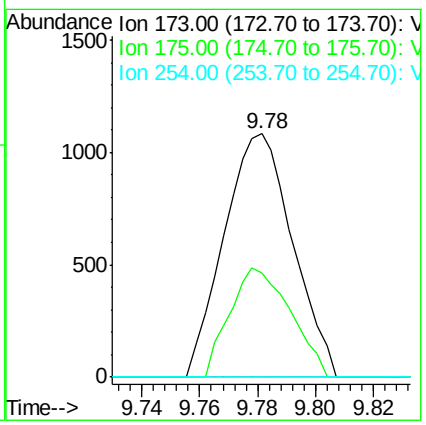


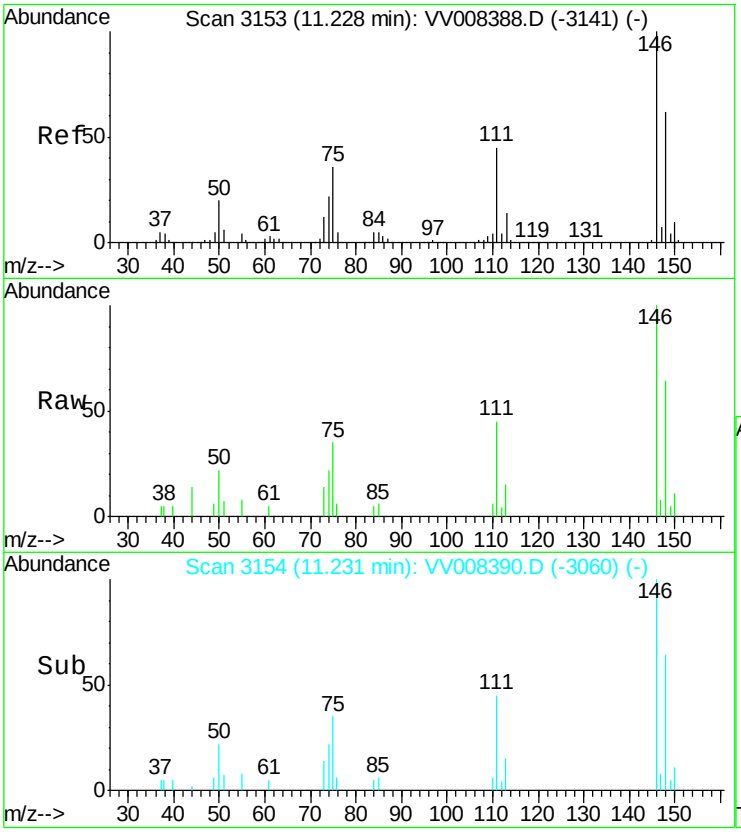


#61
Bromoform
Concen: 1.838 ug/L
RT: 9.78 min Scan# 2703
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:173 Resp: 1775

Ion	Ratio	Lower	Upper
173	100		
175	39.5	38.6	57.8
254	0.0	5.9	8.9#

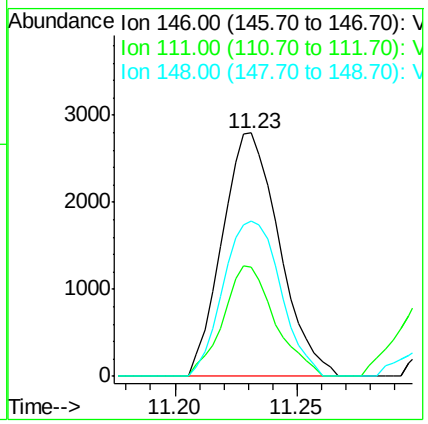




#62
1,3-Dichlorobenzene
Concen: 1.801 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:146 Resp: 4556

Ion	Ratio	Lower	Upper
146	100		
111	44.8	30.9	57.3
148	63.6	44.1	81.9



Instrument :
MSVOA_V
ClientSampleId :
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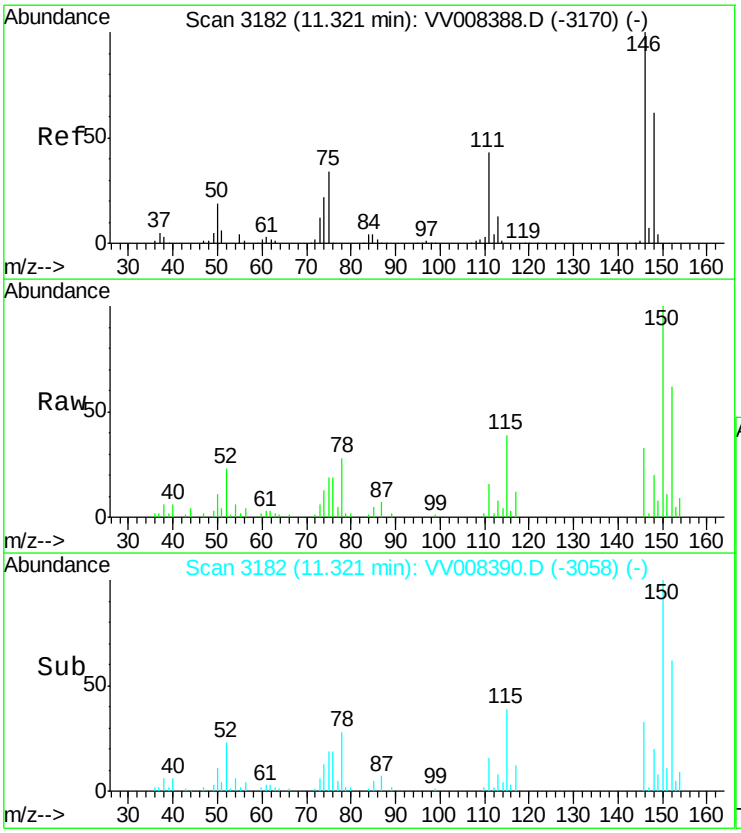
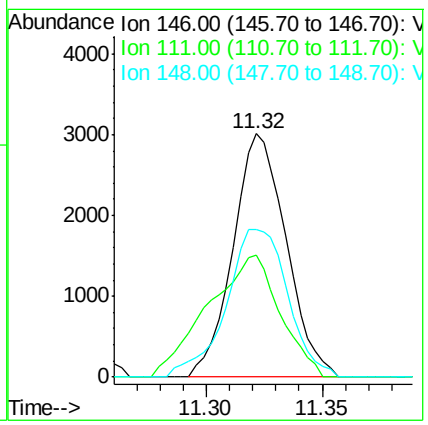
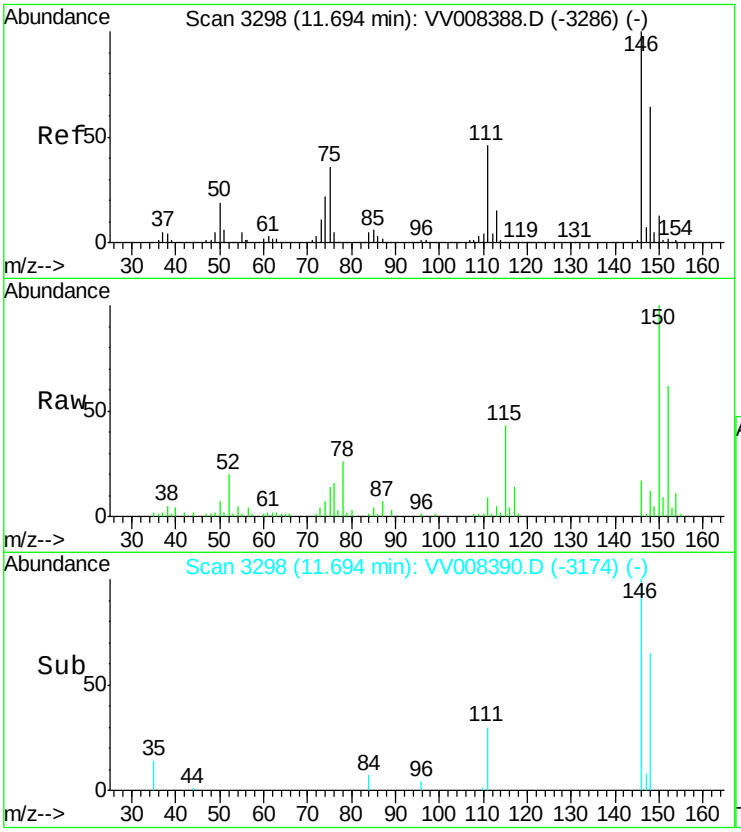


#63
1,4-Dichlorobenzene
Concen: 1.889 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:146 Resp: 4790

Ion	Ratio	Lower	Upper
146	100		
111	50.1	29.8	55.4
148	60.9	44.4	82.5

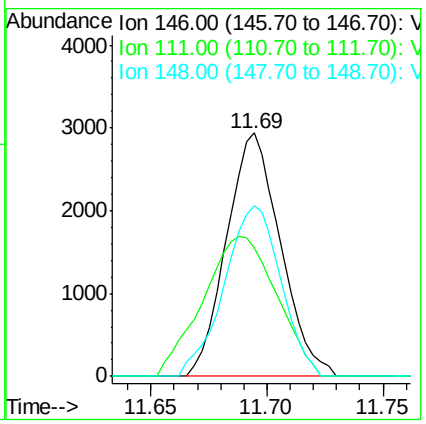




#65
1,2-Dichlorobenzene
Concen: 1.837 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:146 Resp: 4740

Ion	Ratio	Lower	Upper
146	100		
111	52.9	36.2	54.2
148	70.0	50.3	75.5



Instrument :
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ClientSampleId :
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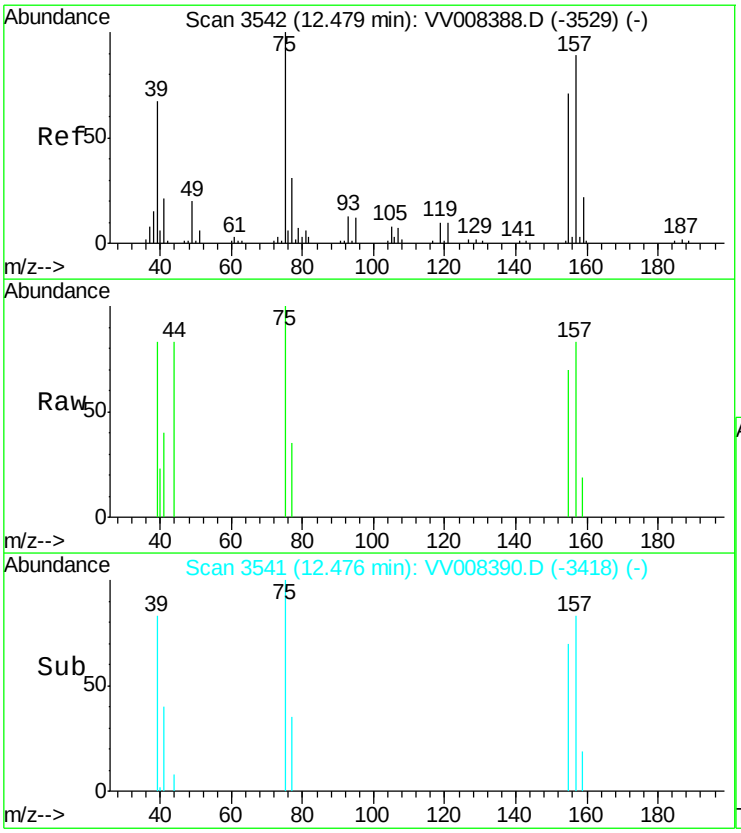
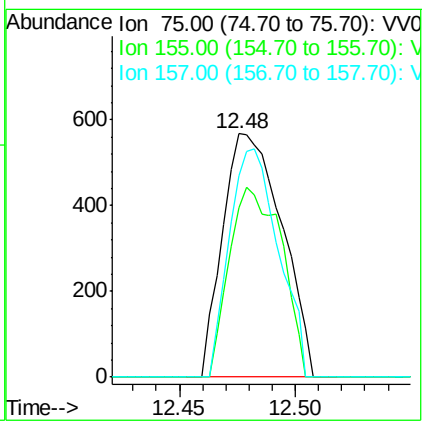
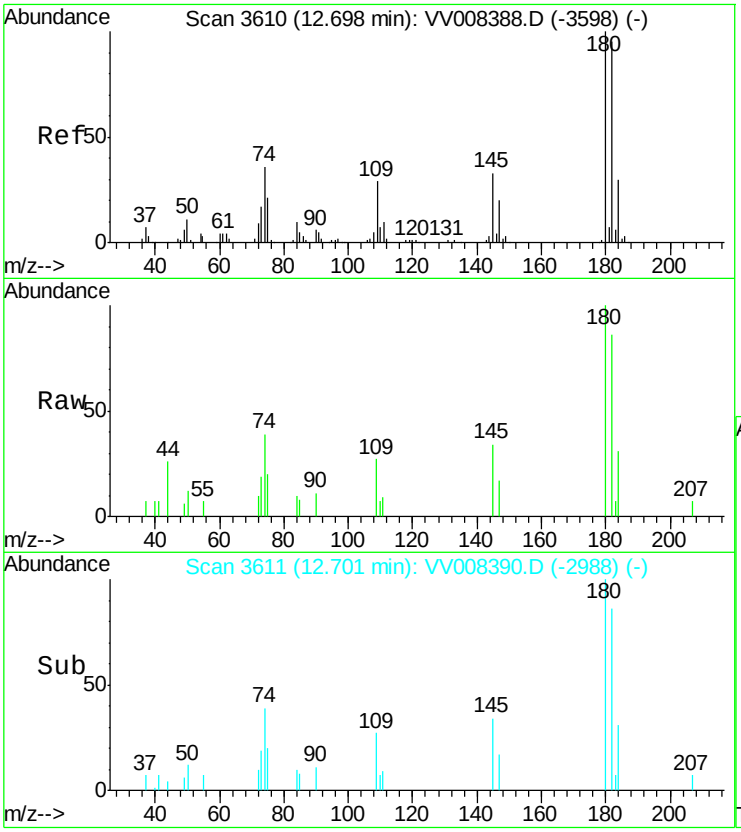


#66
1,2-Dibromo-3-chloropropane
Concen: 1.893 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion: 75 Resp: 1004

Ion	Ratio	Lower	Upper
75	100		
155	69.5	55.4	83.0
157	82.6	72.8	109.2

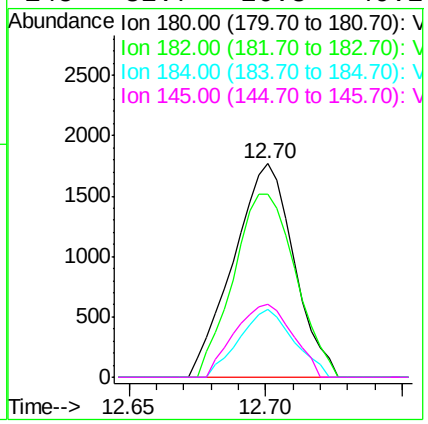




#67
1,3,5-Trichlorobenzene
Concen: 1.645 ug/L
RT: 12.70 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:180 Resp: 2718

Ion	Ratio	Lower	Upper
180	100		
182	88.0	75.9	113.9
184	28.7	24.1	36.1
145	32.7	26.8	40.2



Instrument :
MSVOA_V
ClientSampleId :
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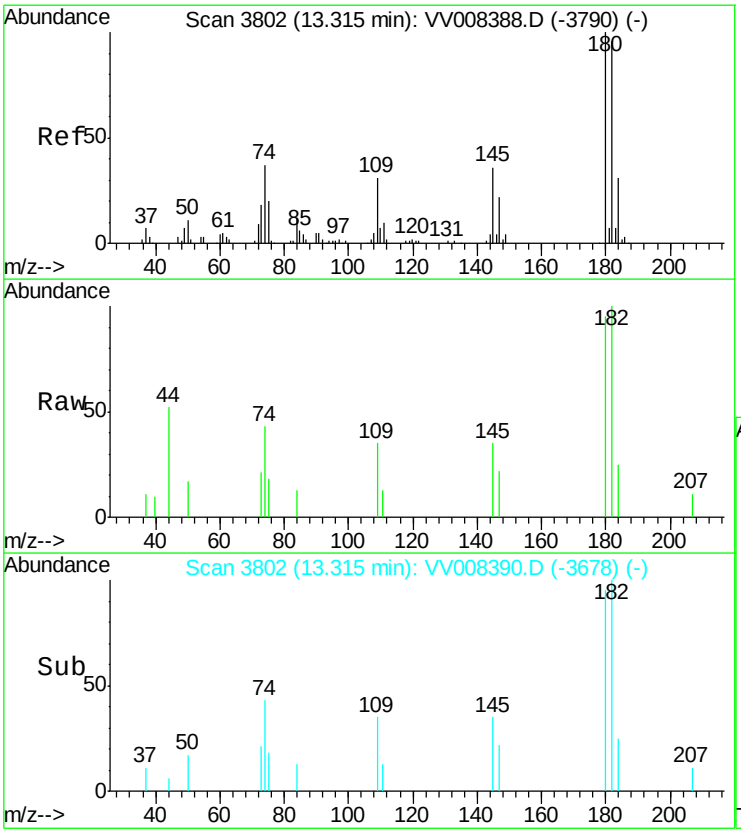
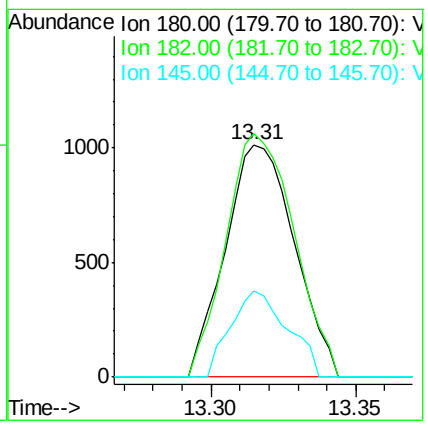
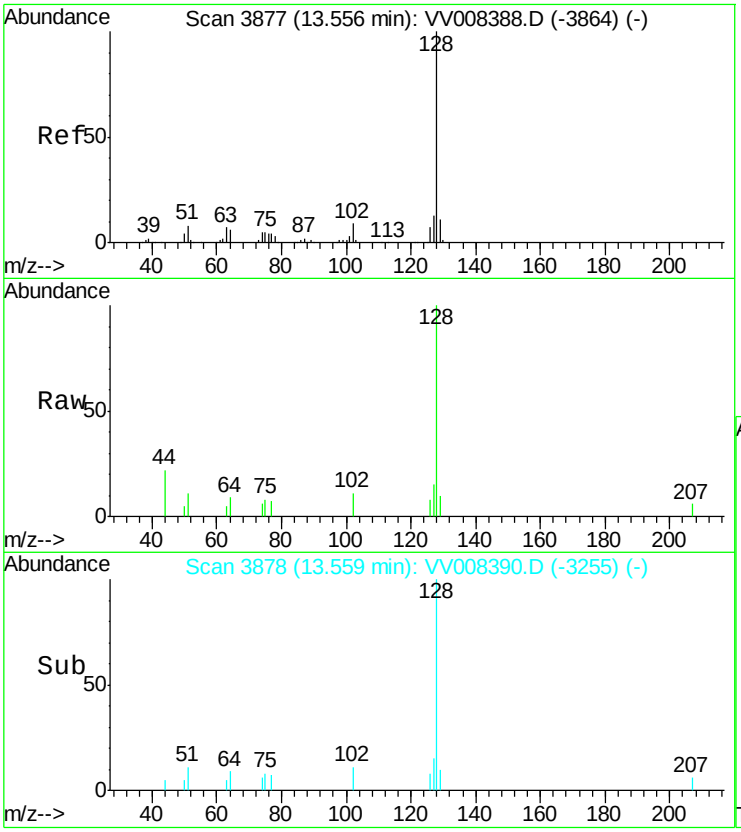


#68
1,2,4-trichlorobenzene
Concen: 1.255 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:180 Resp: 1677

Ion	Ratio	Lower	Upper
180	100		
182	103.3	75.4	113.2
145	30.5	27.0	40.6

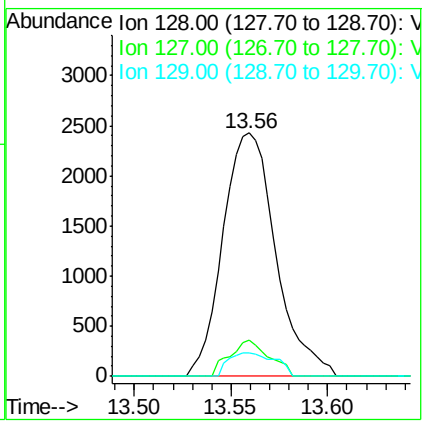




#69
Naphthalene
Concen: 1.071 ug/L
RT: 13.56 min Scan# 3878
Delta R.T. 0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

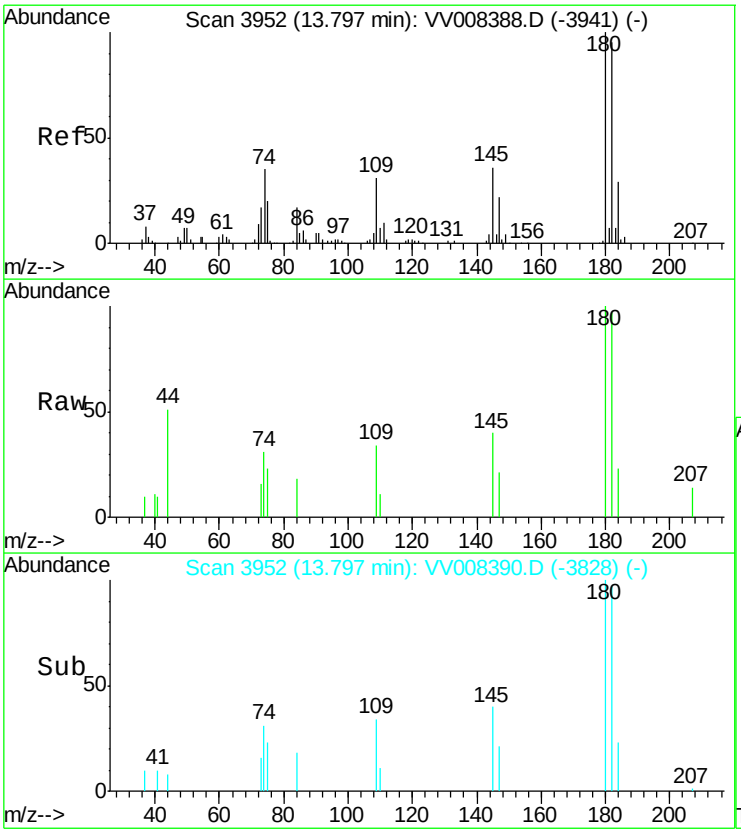
Tgt Ion:128 Resp: 4627

Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.6	15.8
129	6.6	8.9	13.3#



Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
apatel
10/25/2018 4:40:35 PM



#70
1,2,3-Trichlorobenzene
Concen: 1.267 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008390.D
Acq: 24 Oct 2018 14:17

Tgt Ion:180 Resp: 1692

Ion	Ratio	Lower	Upper
180	100		
182	103.3	75.7	113.5
145	32.3	28.6	43.0