Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100418\

Quantitation Report (Not Reviewed)

Data File : VN051662.D
Acq On : 4 Oct 2018 12:54
Operator : MD\SY
Sample : I.BLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : I.BLK

Quant Time: Oct 05 02:03:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 01:55:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	783130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1130820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	948726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353081	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	478977	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.60%			
35) Dibromofluoromethane	7.59	113	436107	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.76%			
50) Toluene-d8	10.09	98	1568784	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
62) 4-Bromofluorobenzene	12.40	95	445391	38.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	4447	0.479	ug/l	85
3) Chloromethane	2.06	50	2452	0.274	ug/l	91
4) Vinyl Chloride	2.18	62	3197	0.227	ug/l	98
5) Bromomethane	2.57	94	6002	0.554	ug/l	96
7) Trichlorofluoromethane	3.01	101	5039	0.314	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	2448	0.313	ug/l #	72
10) Methyl Iodide	3.95	142	2637	0.276	ug/l #	73
12) 1,1-Dichloroethene	3.73	96	2744	0.376	ug/l #	69
13) Acrolein	3.62	56	595	1.355	ug/l	84
15) Acrylonitrile	4.98	53	755	0.311	ug/l #	30
16) Acetone	3.83	43	604	0.319	ug/l #	67
17) Carbon Disulfide	4.06	76	31775	1.433	ug/l	99
18) Methyl Acetate	4.33	43	1443	0.253	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	3595	0.416	ug/l #	76
27) cis-1,2-Dichloroethene	6.84	96	2008	0.200	ug/l	81
29) Tetrahydrofuran	7.22	42	1481	0.808	ug/l #	28
31) Cyclohexane	7.67	56	17888	1.274	ug/l #	42
36) 1,1-Dichloropropene	7.80	75	4503	0.381	ug/l #	71
38) Carbon Tetrachloride	7.67	117	72144	5.087	ug/l #	15
39) Methylcyclohexane	9.09	83	3434	0.231	ug/l #	81
44) Trichloroethene	8.84	130	3522	0.354	ug/l	87
46) Dibromomethane	9.22	93	1800	0.299	ug/l	89
51) 4-Methyl-2-Pentanone	9.99	43	3555	0.546	ug/l #	74
53) t-1,3-Dichloropropene	10.38	75	3443	0.252	ug/l #	70
58) 2-Chloroethyl Vinyl ether	9.70	63	1751	0.403	ug/l	99
59) 2-Hexanone	10.76	43	6639	1.501	ug/l	97
61) 1,2-Dibromoethane	11.01	107	1806	0.206	ug/l	98
64) Tetrachloroethene	10.64	164	3239	0.387	ug/l	87
65) Chlorobenzene	11.44	112	7389	0.314	ug/l	90
67) Ethyl Benzene	11.51	91	9925	0.244	ug/l	91
68) m/p-Xylenes	11.63	106	8454	0.520	ug/l	93
70) Styrene	11.97	104	7883	0.310	ug/l	98
73) Isopropylbenzene	12.25	105	9078	0.302	ug/l	96
74) N-amyl acetate	12.07	43	5493	0.800	ug/l #	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100418\

Quantitation Report (Not Reviewed)

Data File : VN051662.D
Acq On : 4 Oct 2018 12:54
Operator : MD\SY
Sample : I.BLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : I.BLK

Quant Time: Oct 05 02:03:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 01:55:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.50	83	2078	0.320	ug/l	#	81
76) 1,2,3-Trichloropropane	12.40	75	238885	48.238	ug/l	#	100
77) Bromobenzene	12.53	156	4006	0.544	ug/l		89
78) n-propylbenzene	12.59	91	14793	0.451	ug/l		97
79) 2-Chlorotoluene	12.67	91	7559	0.391	ug/l		93
80) 1,3,5-Trimethylbenzene	12.73	105	8197	0.323	ug/l		85
81) trans-1,4-Dichloro-2-buten	12.40	75	238885	124.367	ug/l	#	14
82) 4-Chlorotoluene	12.77	91	12791	0.658	ug/l		96
83) tert-Butylbenzene	12.99	119	7236	0.318	ug/l		97
84) 1,2,4-Trimethylbenzene	13.04	105	11501	0.453	ug/l		91
85) sec-Butylbenzene	13.17	105	13651	0.454	ug/l		99
86) p-Isopropyltoluene	13.29	119	11595	0.435	ug/l		95
87) 1,3-Dichlorobenzene	13.28	146	10850	0.846	ug/l		97
88) 1,4-Dichlorobenzene	13.28	146	10850	0.860	ug/l		97
89) n-Butylbenzene	13.61	91	14614	0.693	ug/l		94
90) Hexachloroethane	13.87	117	1608	0.302	ug/l		78
91) 1,2-Dichlorobenzene	13.65	146	10368	0.813	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1663	1.573	ug/l		84
93) 1,2,4-Trichlorobenzene	14.91	180	16573	2.922	ug/l		99
94) Hexachlorobutadiene	15.01	225	6560	1.704	ug/l		94
95) Naphthalene	15.14	128	50436	4.117	ug/l		99
96) 1,2,3-Trichlorobenzene	15.32	180	20204	3.616	ug/l		96

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

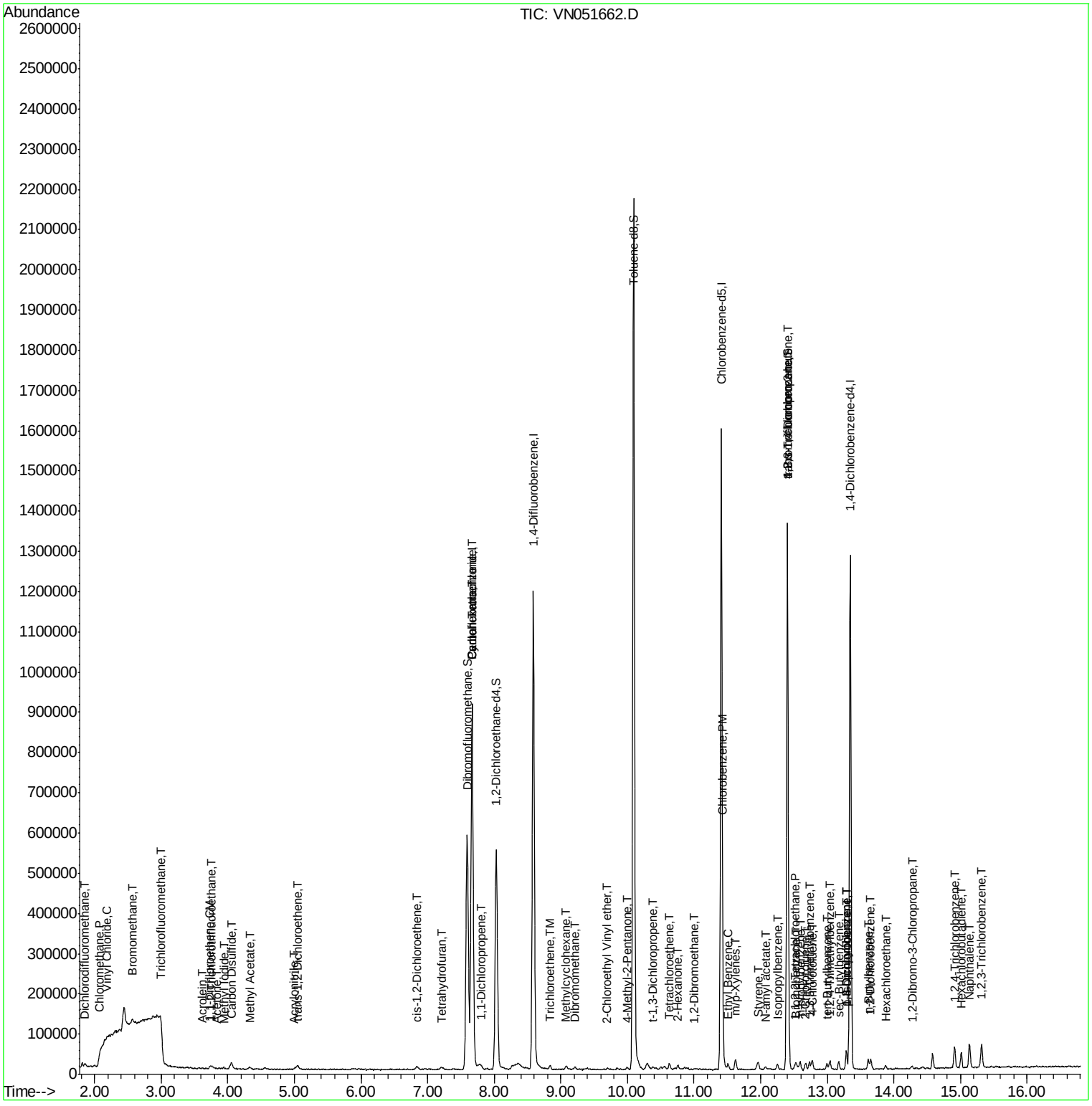
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100418\

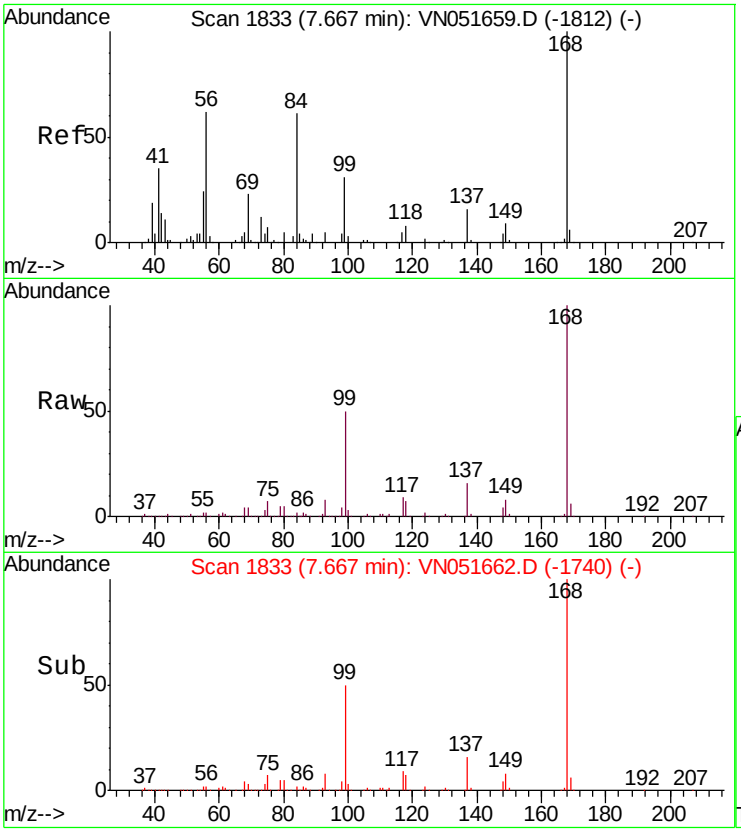
Quantitation Report (Not Reviewed)

Data File : VN051662.D
Acq On : 4 Oct 2018 12:54
Operator : MD\SY
Sample : I.BLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Quant Time: Oct 05 02:03:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 01:55:54 2018
Response via : Initial Calibration



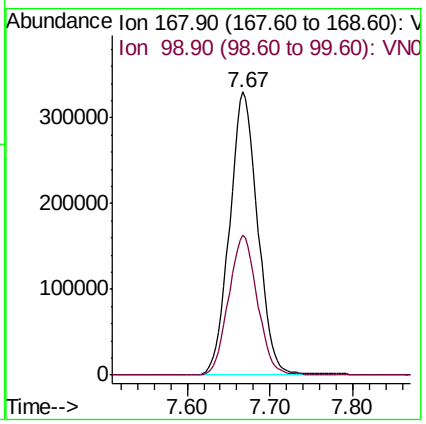


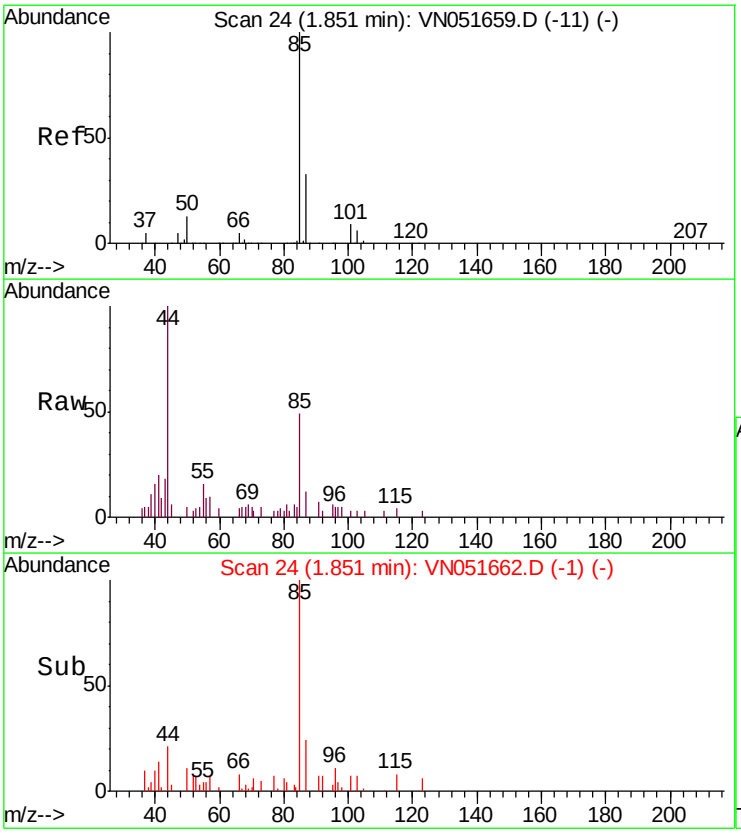
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:168 Resp: 783130

Ion	Ratio	Lower	Upper
168	100		
99	49.5	40.4	60.6

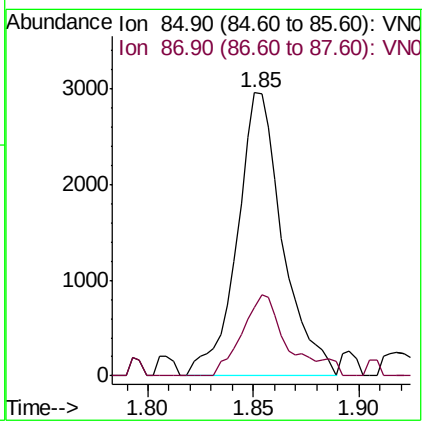


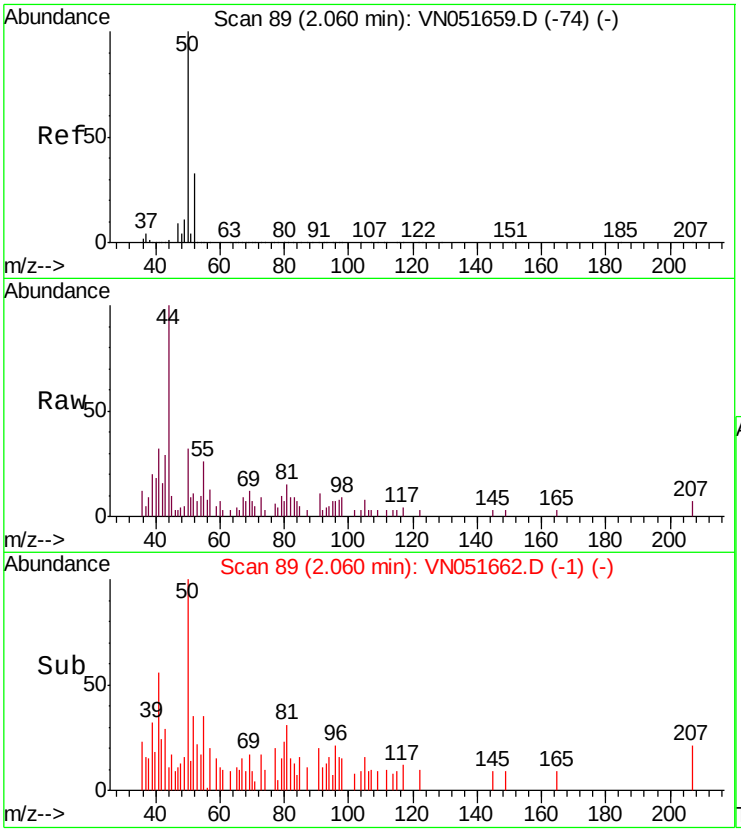


#2
Dichlorodifluoromethane
Concen: 0.479 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 85 Resp: 4447

Ion	Ratio	Lower	Upper
85	100		
87	24.3	16.4	49.4



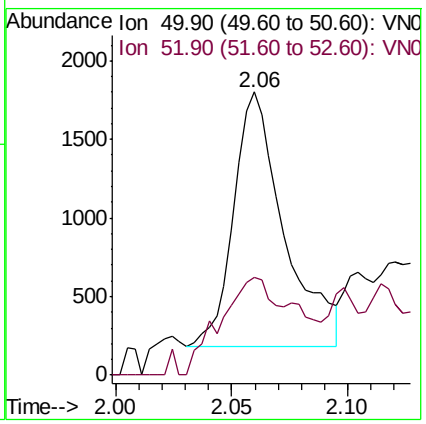


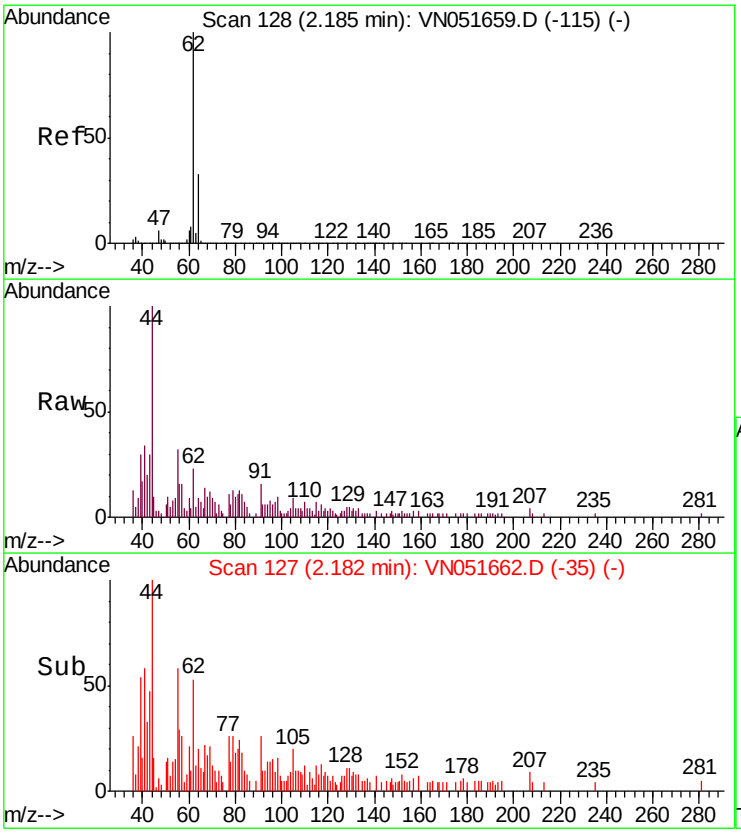
#3
Chloromethane
Concen: 0.274 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 50 Resp: 2452

Ion	Ratio	Lower	Upper
50	100		
52	38.5	26.6	39.8

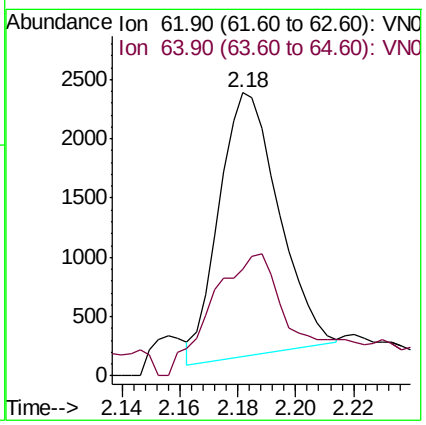


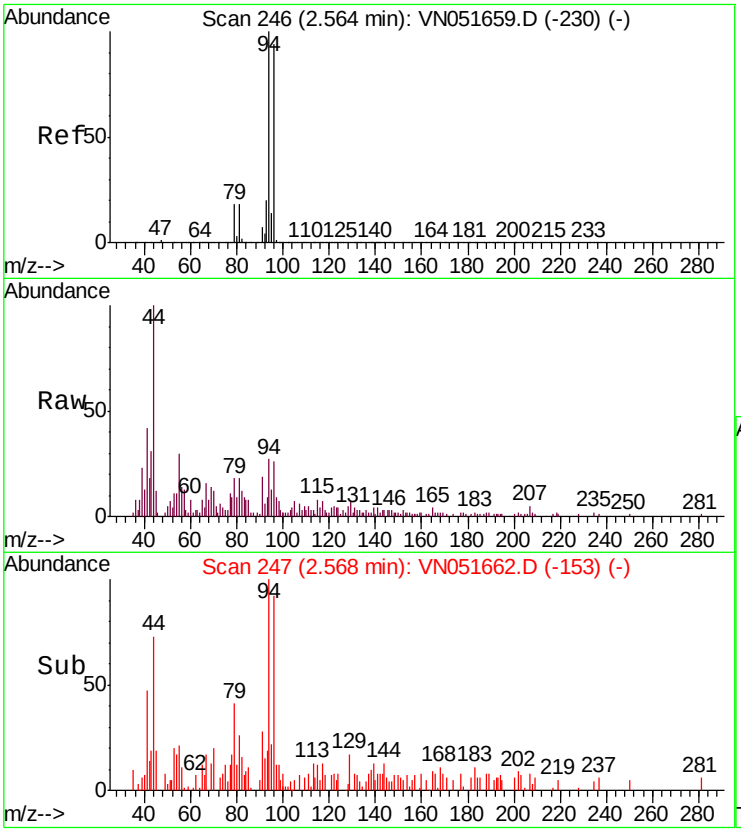


#4
Vinyl Chloride
Concen: 0.227 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 62 Resp: 3197

Ion	Ratio	Lower	Upper
62	100		
64	31.6	26.2	39.4



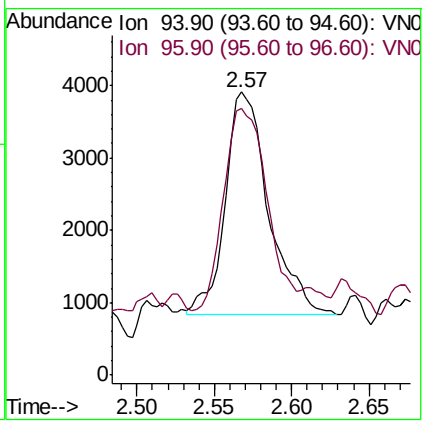


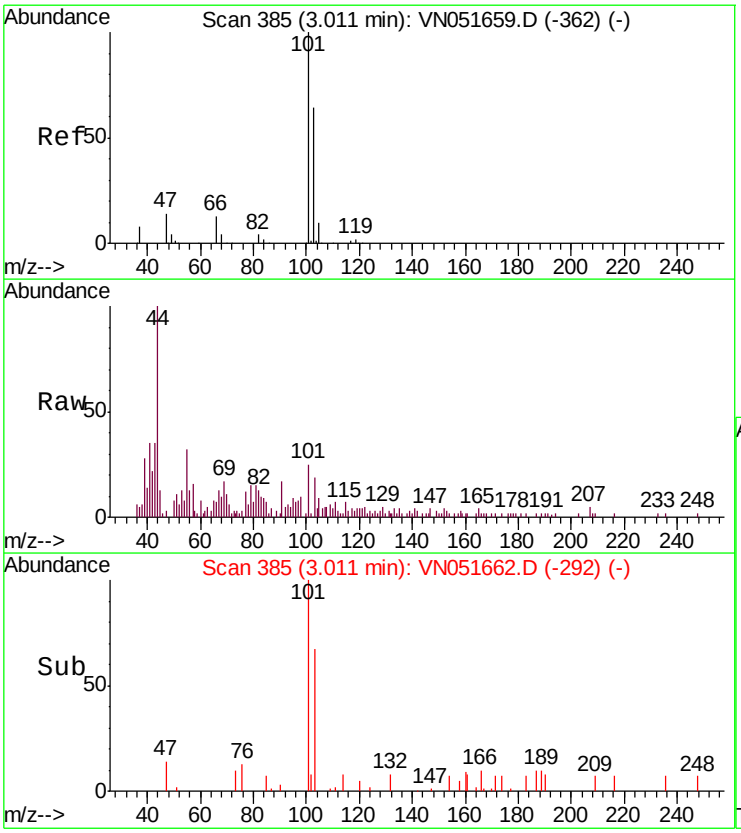
#5
Bromomethane
Concen: 0.554 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 94 Resp: 6002

Ion	Ratio	Lower	Upper
94	100		
96	89.9	75.2	112.8

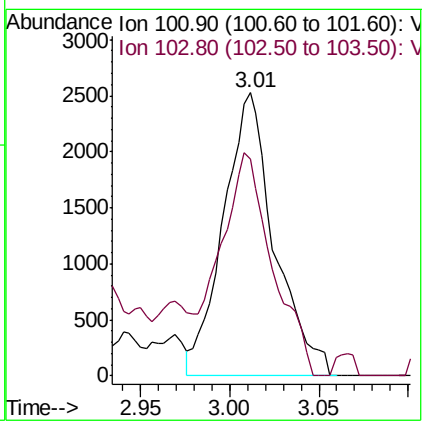


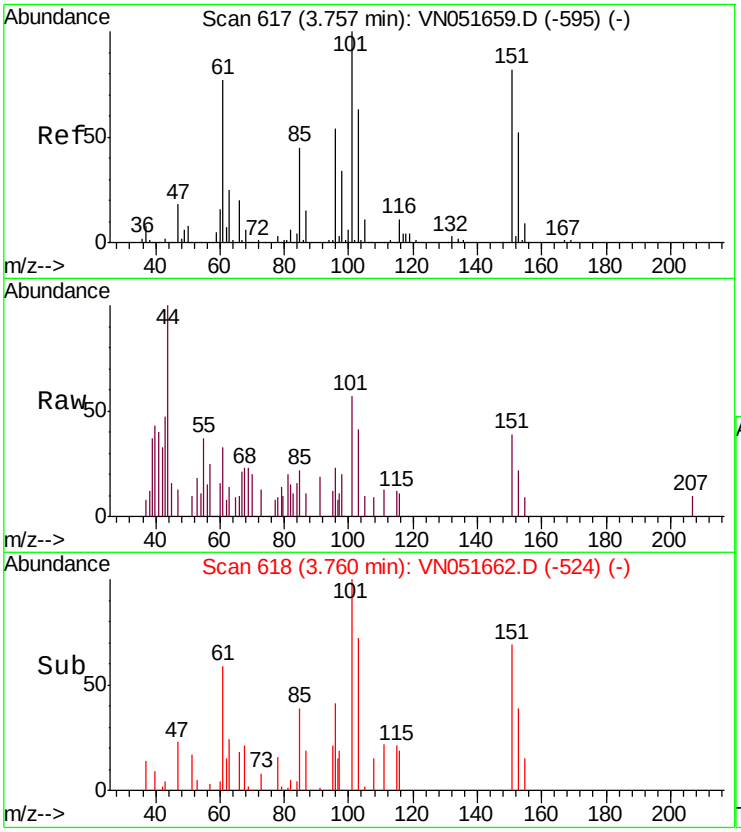


#7
Trichlorofluoromethane
Concen: 0.314 ug/l
RT: 3.01 min Scan# 385
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:101 Resp: 5039

Ion	Ratio	Lower	Upper
101	100		
103	70.1	51.1	76.7



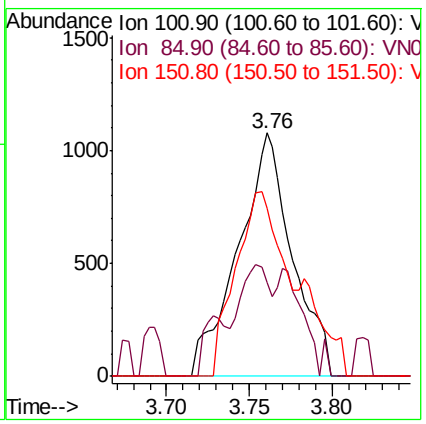


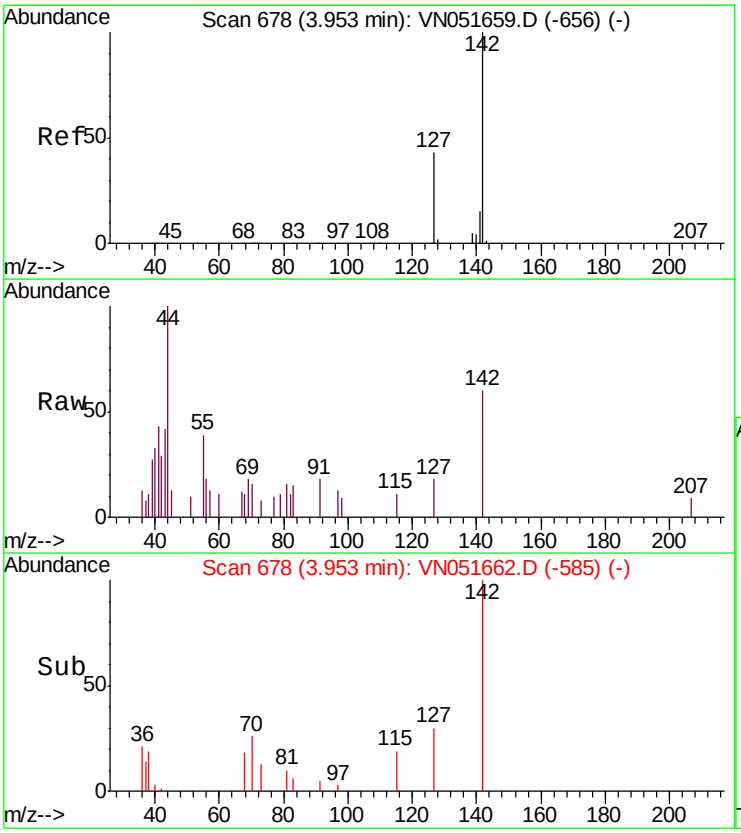
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.313 ug/l
RT: 3.76 min Scan# 618
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument : MSVOA_N
ClientSampleId : I.BLK

Tgt Ion:101 Resp: 2448

Ion	Ratio	Lower	Upper
101	100		
85	12.1	35.6	53.4#
151	67.8	65.5	98.3

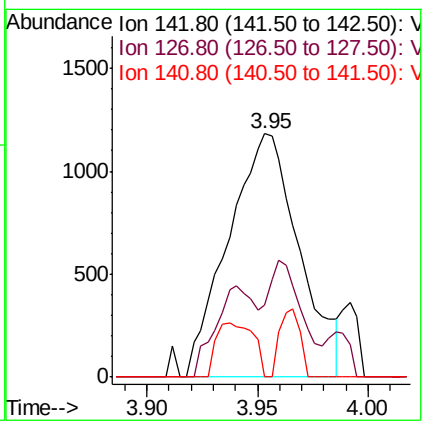


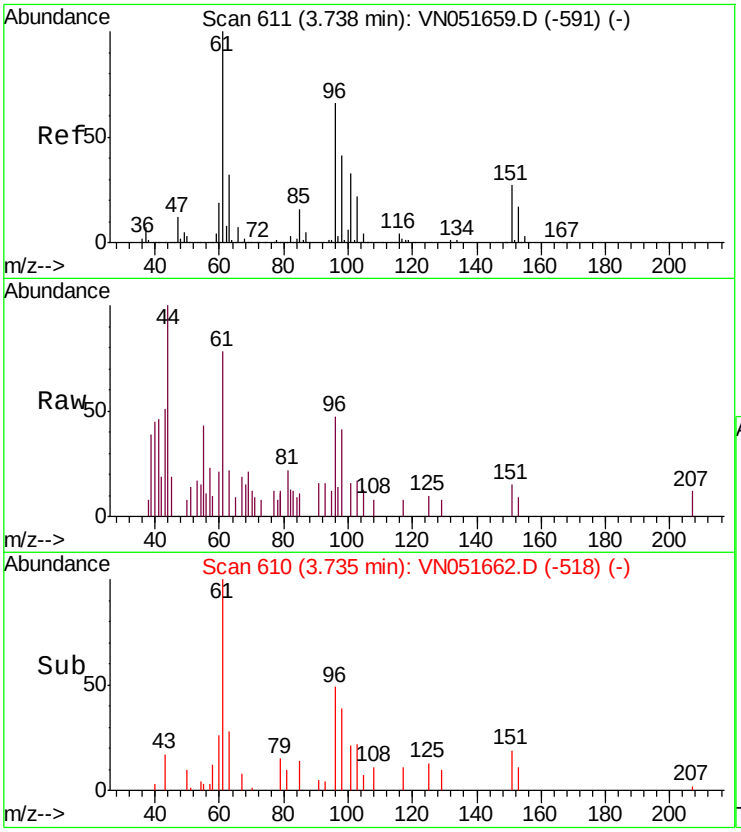


#10
Methyl Iodide
Concen: 0.276 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:142 Resp: 2637

Ion	Ratio	Lower	Upper
142	100		
127	23.9	34.7	52.1#
141	8.0	11.4	17.2#



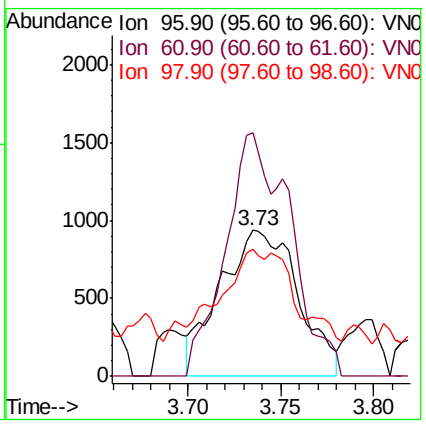


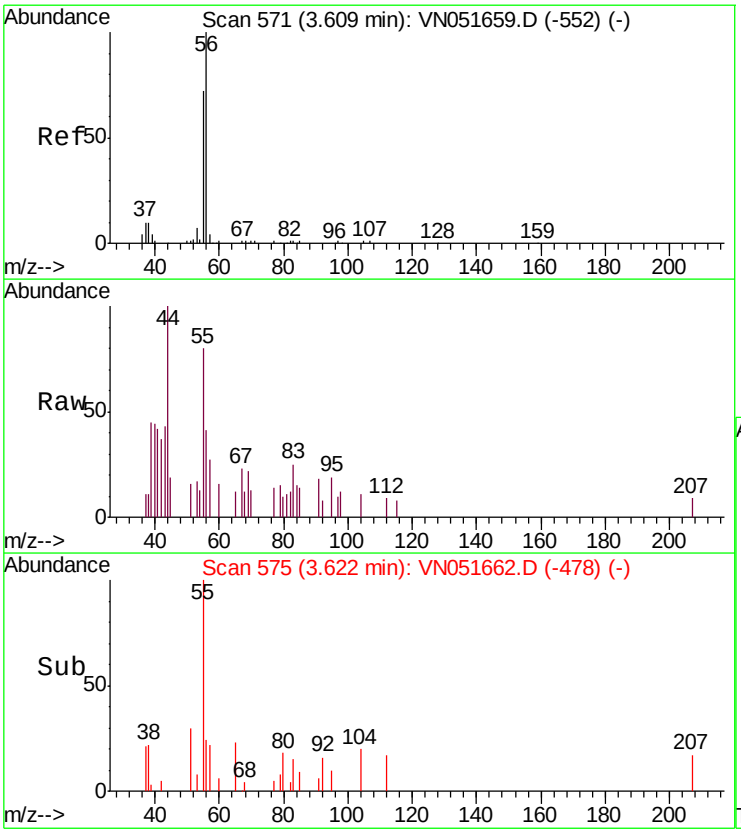
#12
1,1-Dichloroethene
Concen: 0.376 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument : MSVOA_N
ClientSampleId : I.BLK

Tgt Ion: 96 Resp: 2744

Ion	Ratio	Lower	Upper
96	100		
61	200.1	121.4	182.0#
98	72.3	49.9	74.9

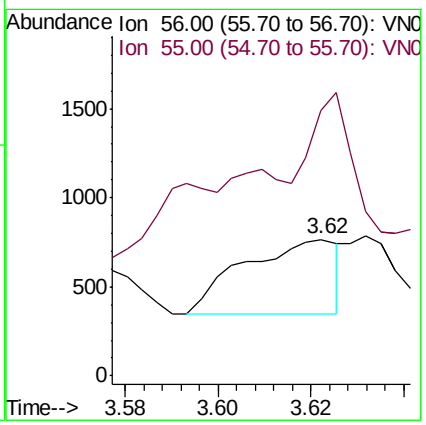


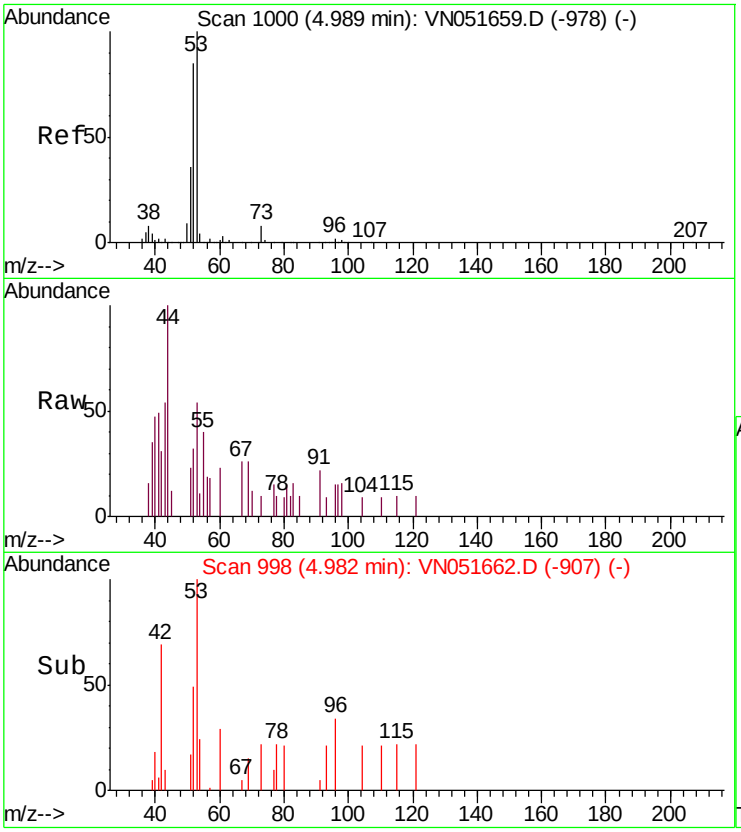


#13
Acrolein
Concen: 1.355 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 56 Resp: 595

Ion	Ratio	Lower	Upper
56	100		
55	84.9	57.5	86.3



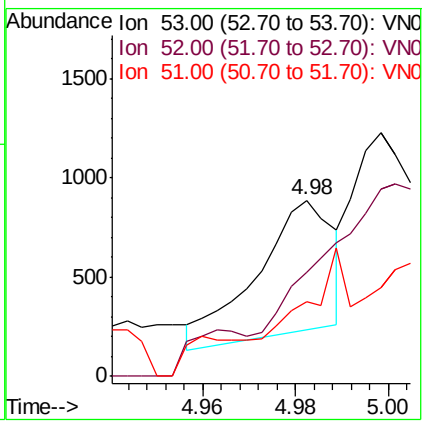


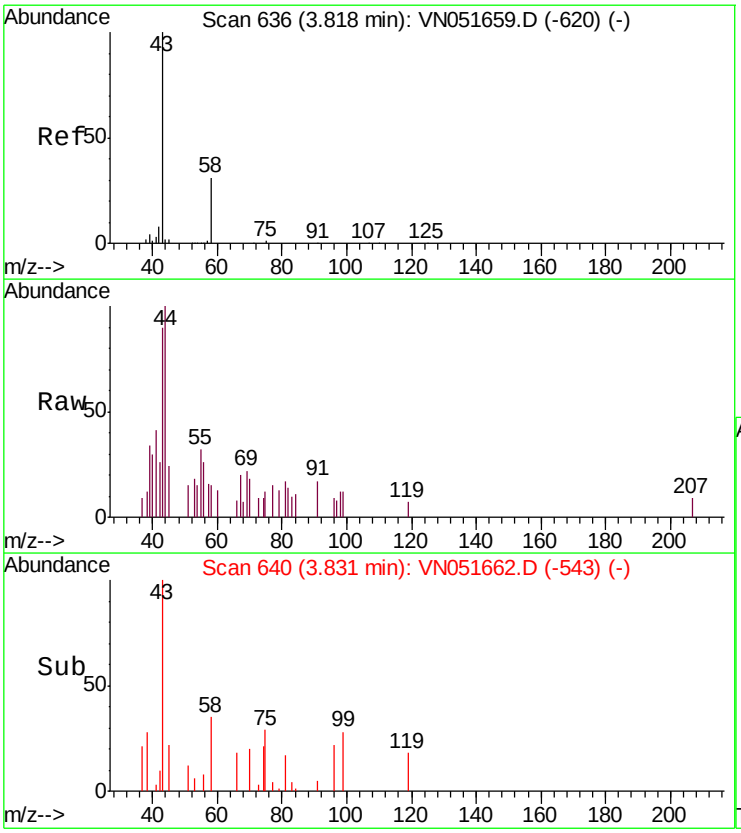
#15
Acrylonitrile
Concen: 0.311 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 53 Resp: 755

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	51.4	30.3	45.5#

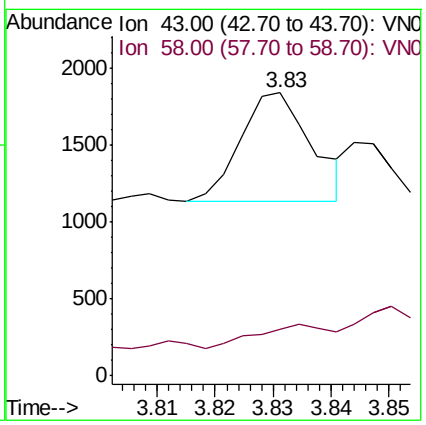


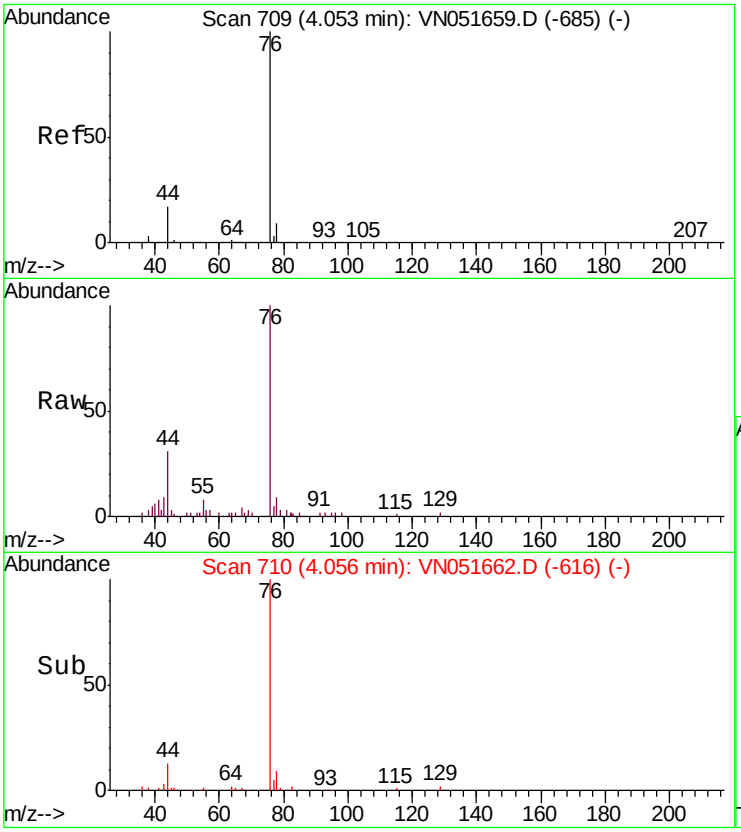


#16
Acetone
Concen: 0.319 ug/l
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 43 Resp: 604

Ion	Ratio	Lower	Upper
43	100		
58	12.6	24.3	36.5#



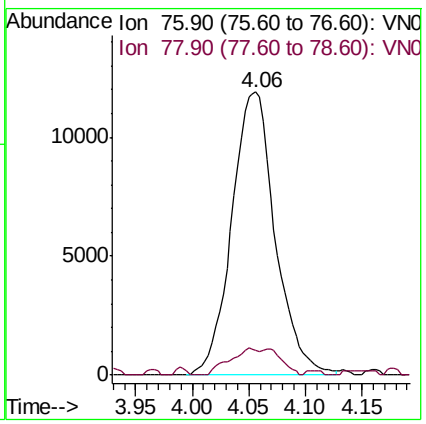


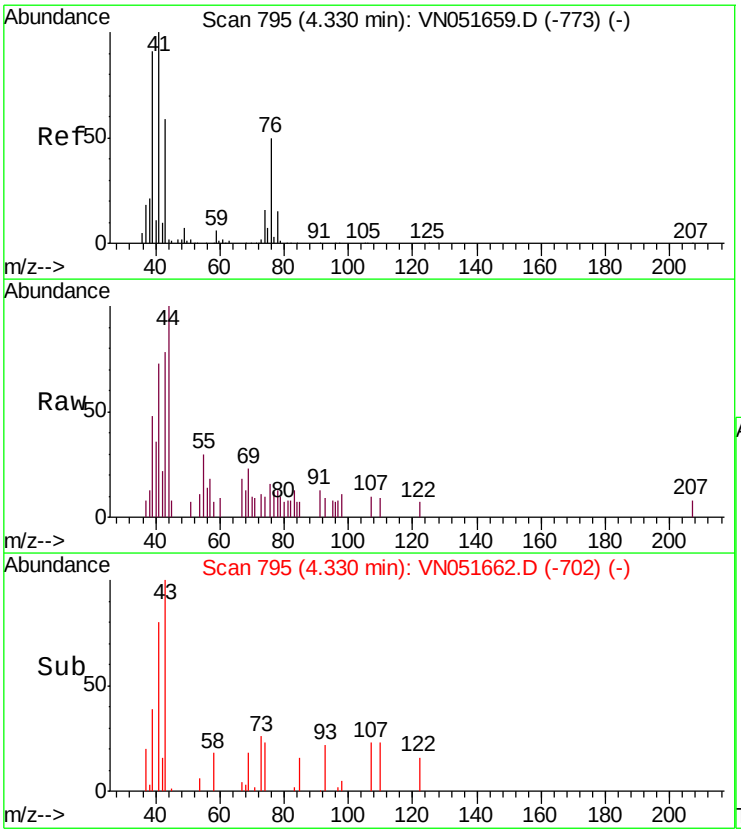
#17
Carbon Disulfide
Concen: 1.433 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 76 Resp: 31775

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

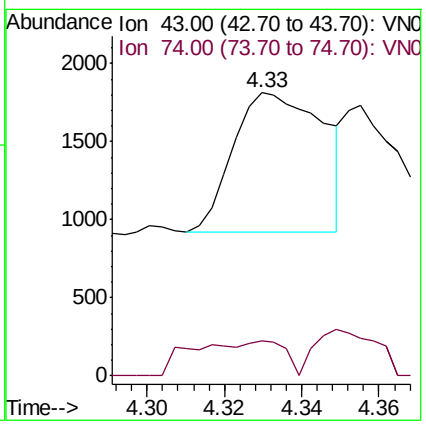


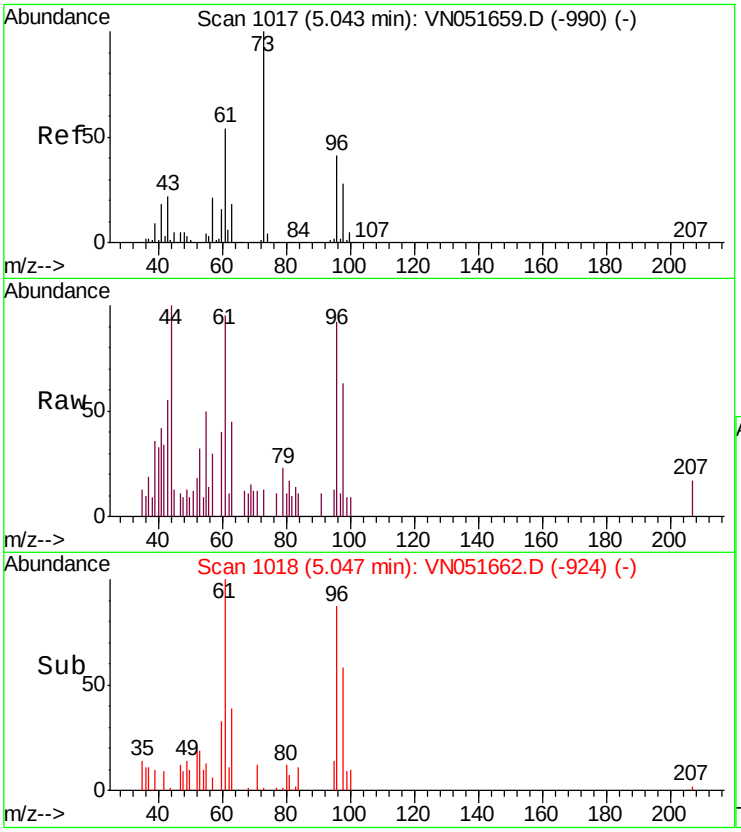


#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 43 Resp: 1443

Ion	Ratio	Lower	Upper
43	100		
74	25.6	21.5	32.3



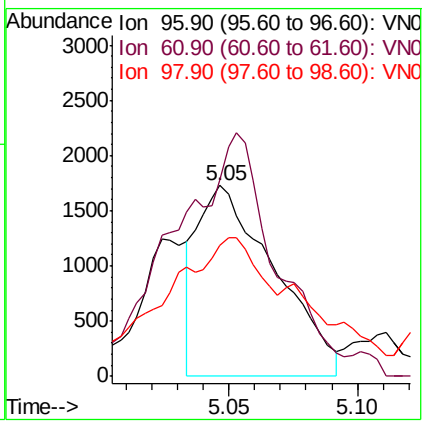


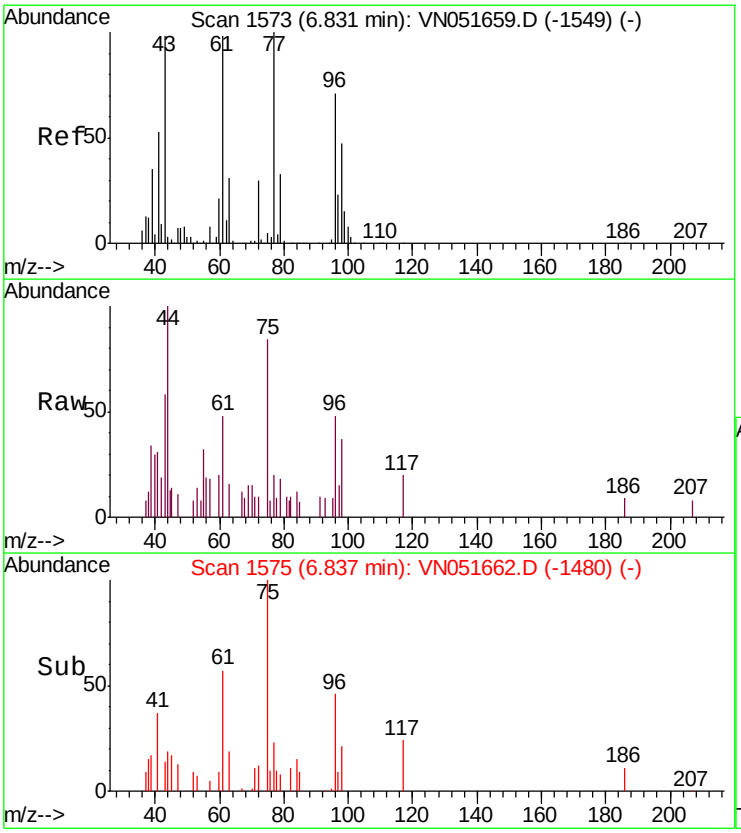
#21
trans-1,2-Dichloroethene
Concen: 0.416 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 96 Resp: 3595

Ion	Ratio	Lower	Upper
96	100		
61	103.9	104.7	157.1#
98	48.0	54.6	82.0#

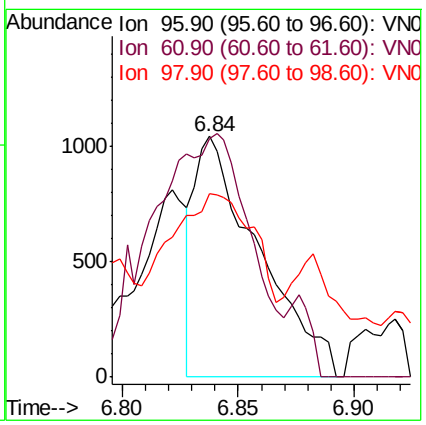


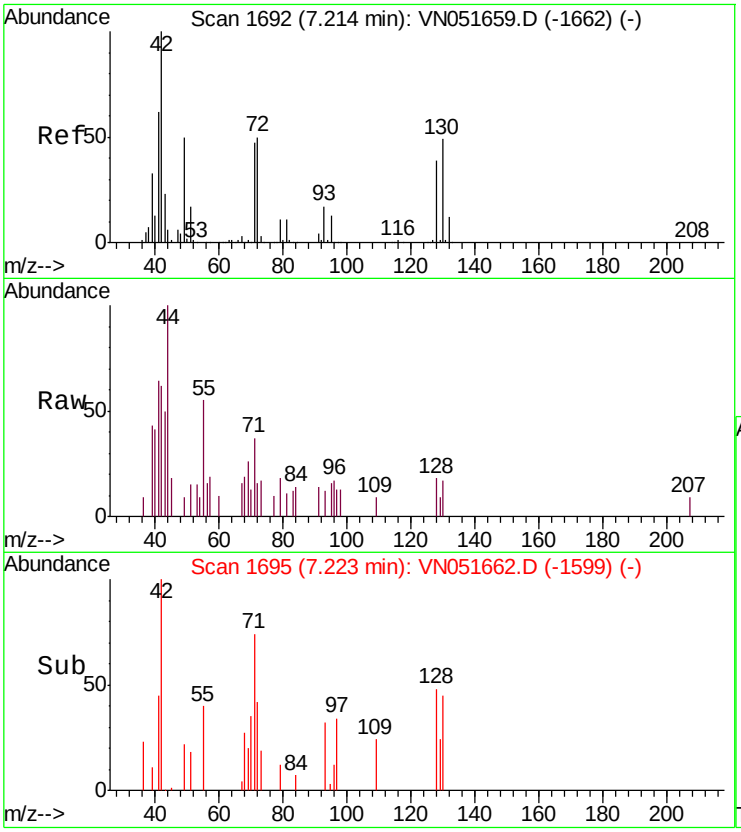


#27
cis-1,2-Dichloroethene
Concen: 0.200 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 96 Resp: 2008

Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	275.4
98	84.9	0.0	129.6



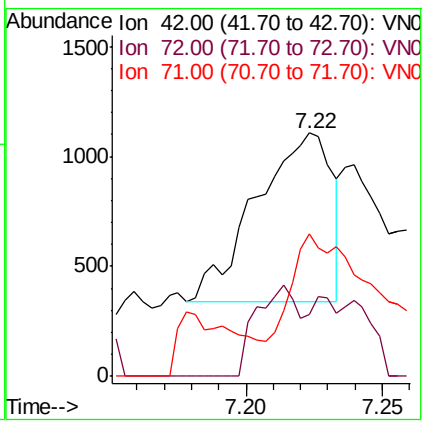


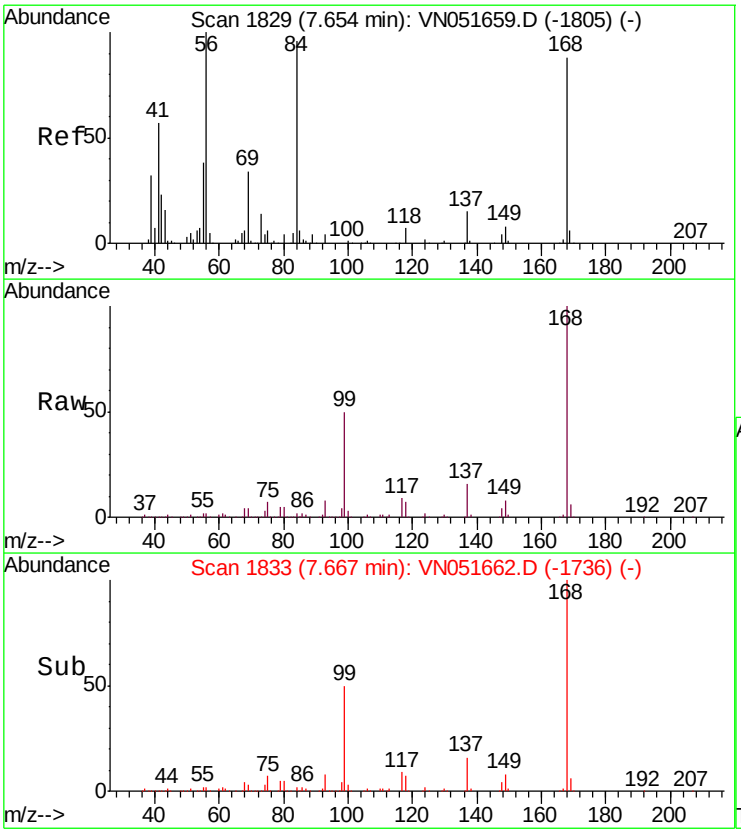
#29
Tetrahydrofuran
Concen: 0.808 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 42 Resp: 1481

Ion	Ratio	Lower	Upper
42	100		
72	3.4	40.1	60.1#
71	99.0	38.0	57.0#

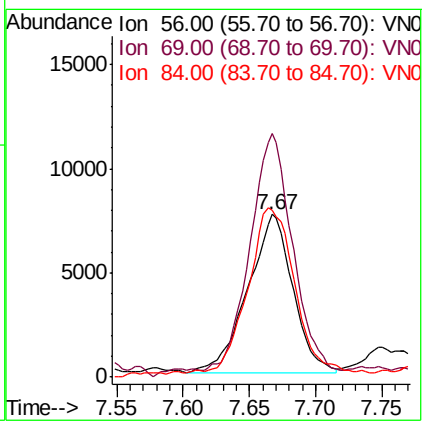


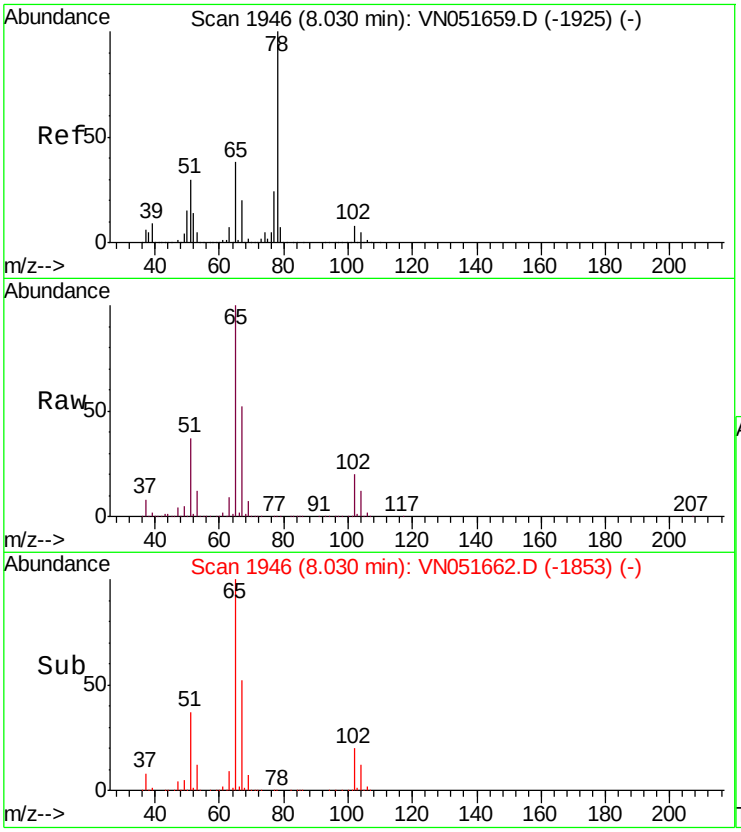


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 56 Resp: 17888

Ion	Ratio	Lower	Upper
56	100		
69	149.2	27.5	41.3#
84	102.5	76.7	115.1



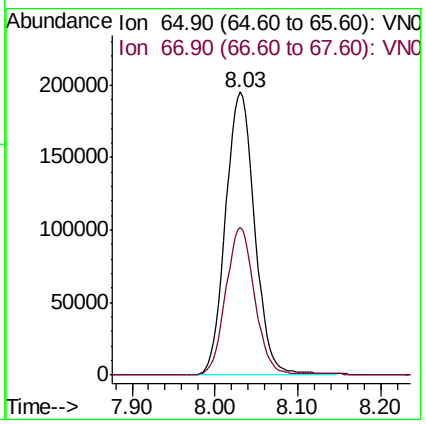


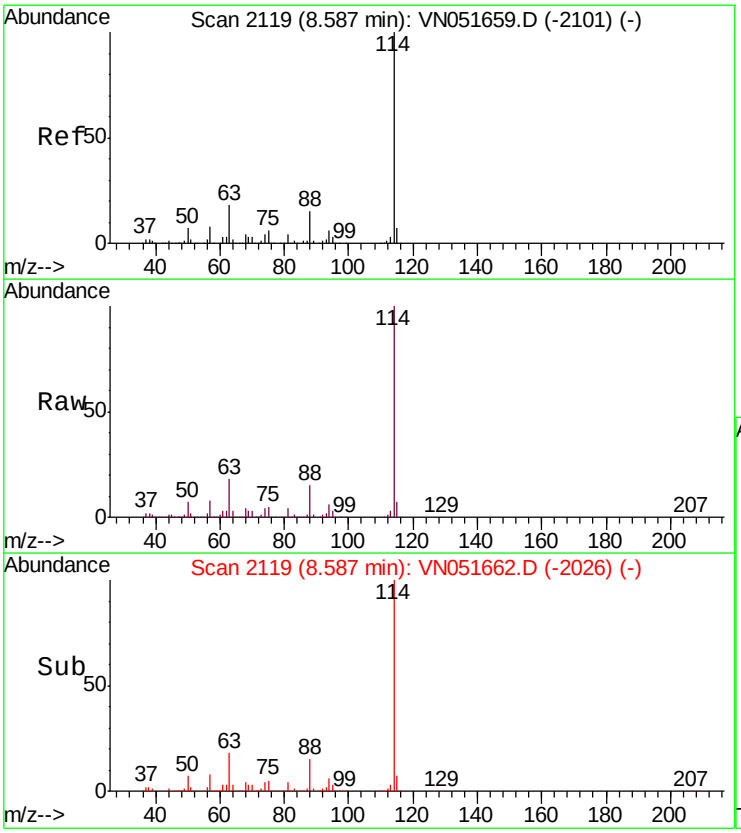
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument : MSVOA_N
ClientSampleId : I.BLK

Tgt Ion: 65 Resp: 478977

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.6

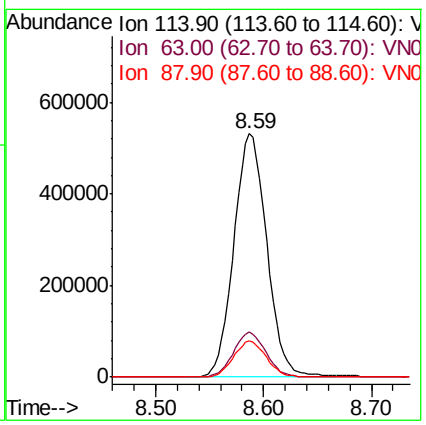


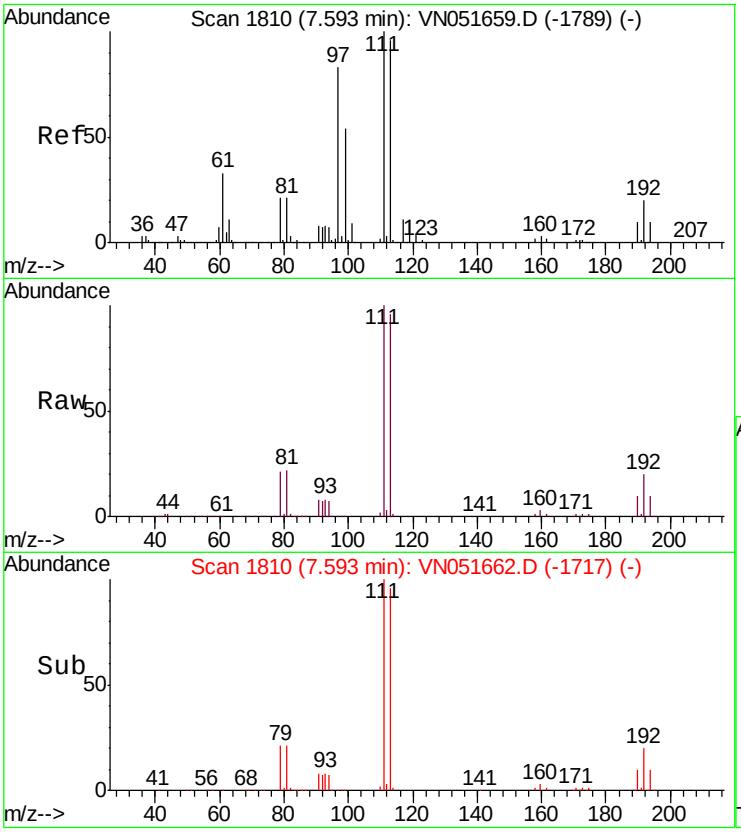


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:114 Resp: 1130820

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.2
88	14.9	0.0	30.2



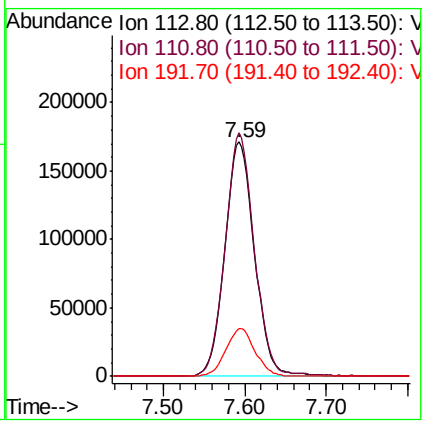


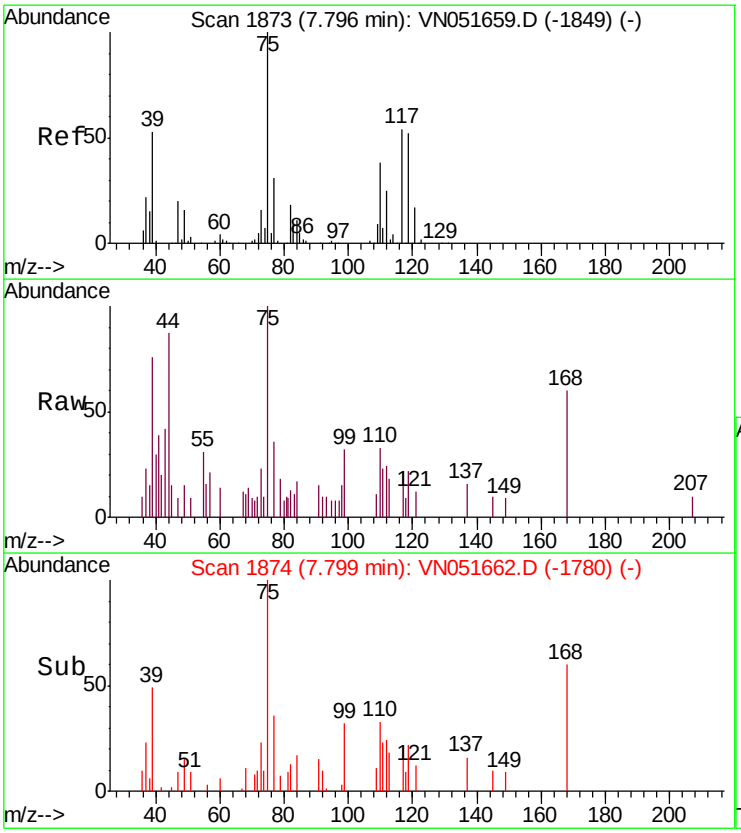
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:113 Resp: 436107

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	20.3	16.5	24.7

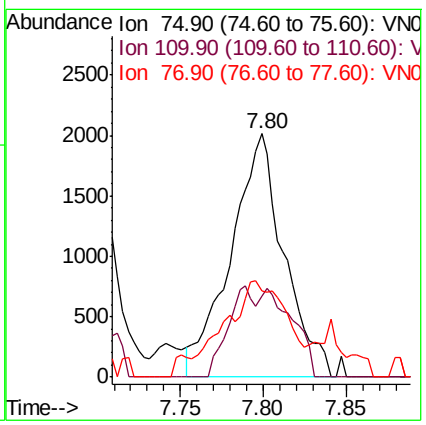


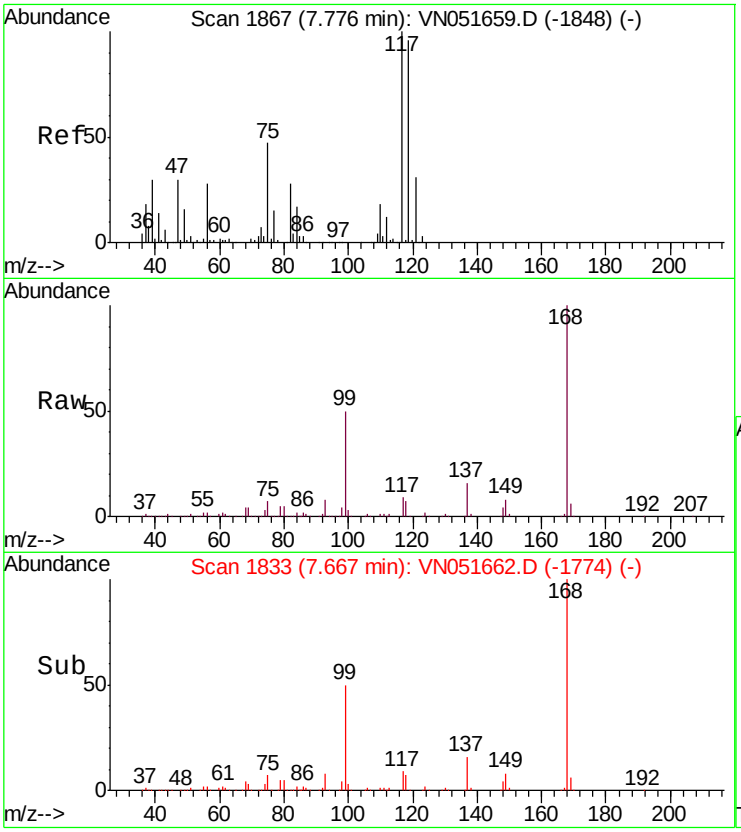


#36
1,1-Dichloropropene
Concen: 0.381 ug/l
RT: 7.80 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 75 Resp: 4503

Ion	Ratio	Lower	Upper
75	100		
110	19.2	19.3	57.8#
77	45.0	24.7	37.1#



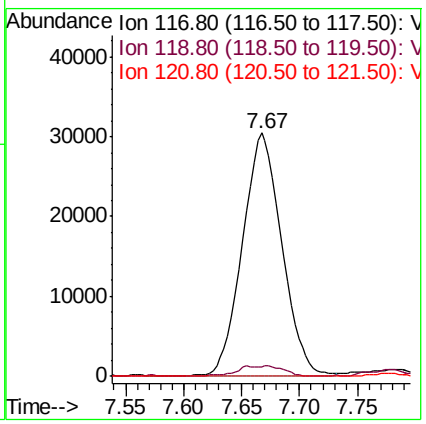


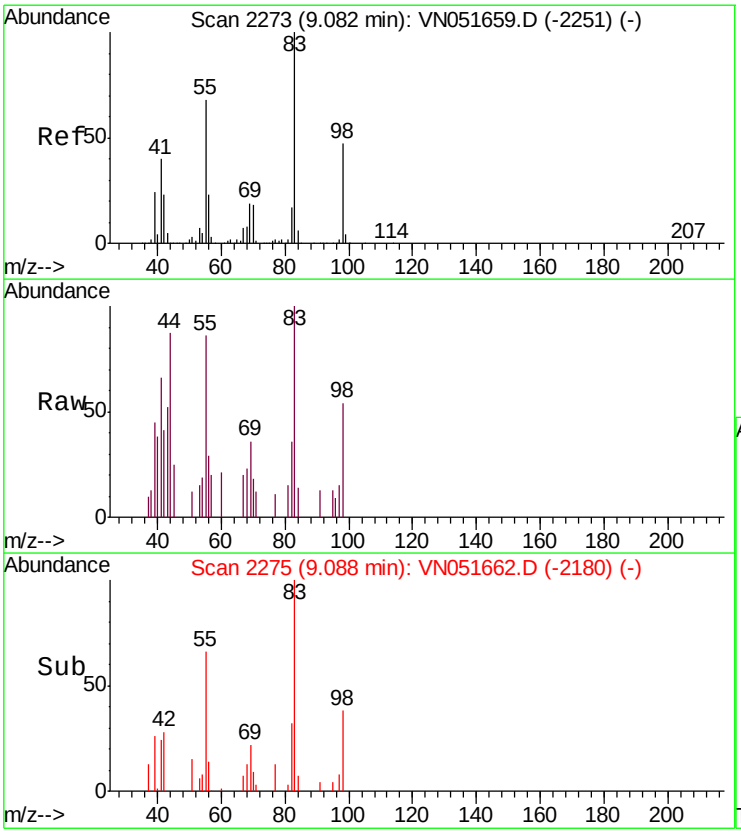
#38
Carbon Tetrachloride
Concen: 5.087 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:117 Resp: 72144

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.0	115.6#
121	0.0	25.0	37.6#

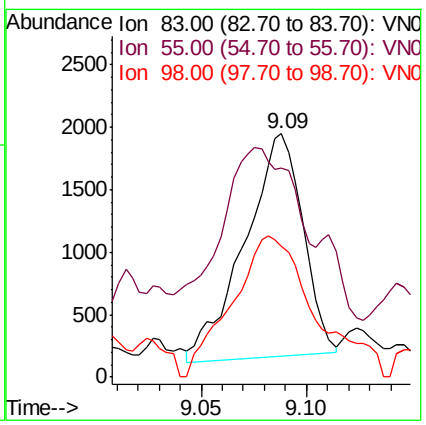


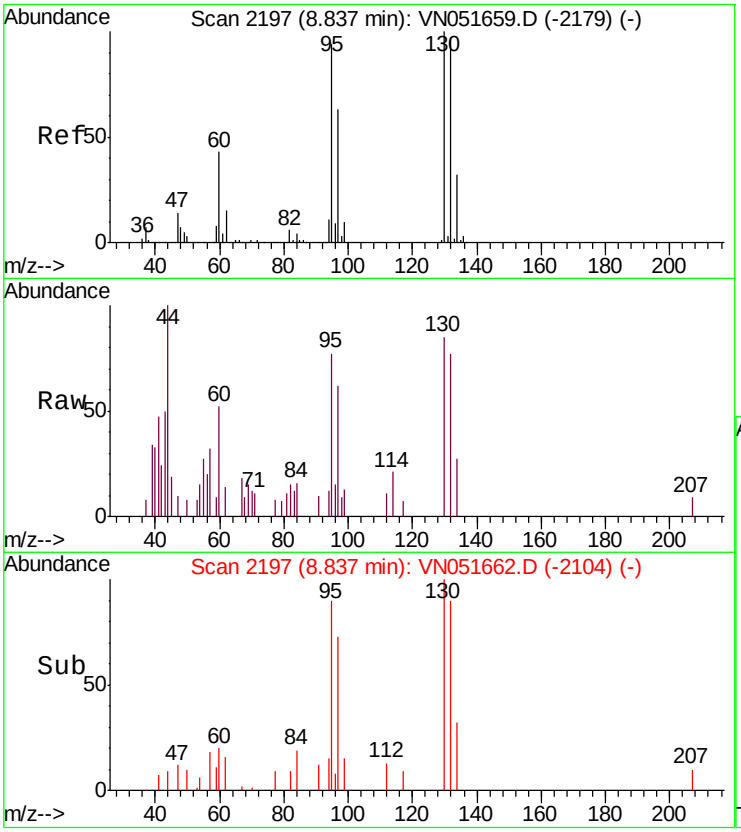


#39
Methylcyclohexane
Concen: 0.231 ug/l
RT: 9.09 min Scan# 2275
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 83 Resp: 3434

Ion	Ratio	Lower	Upper
83	100		
55	53.7	54.3	81.5#
98	60.3	37.4	56.2#



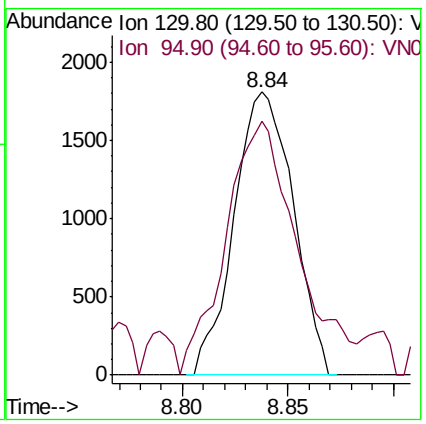


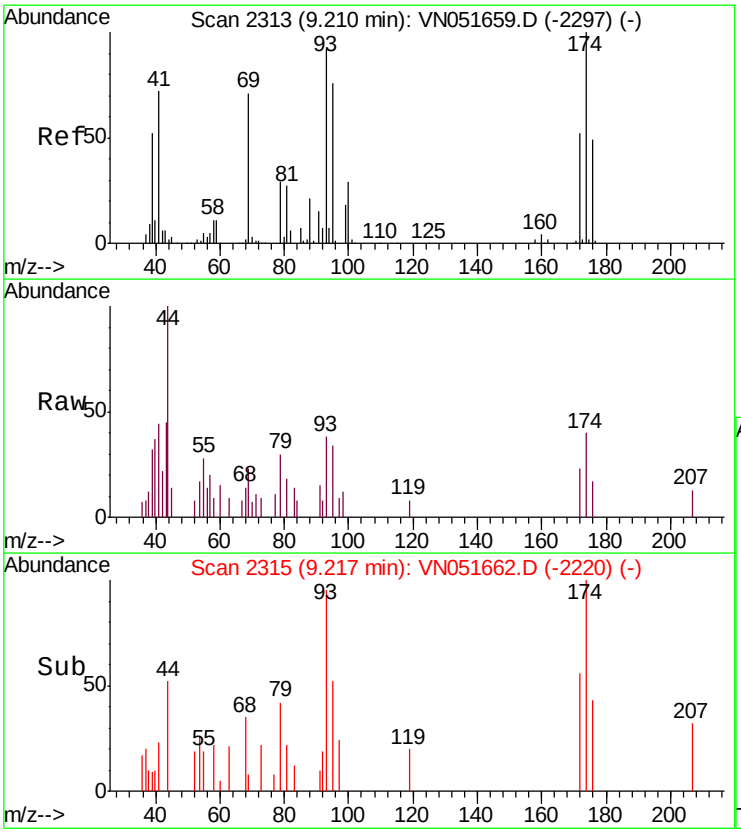
#44
Trichloroethene
Concen: 0.354 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:130 Resp: 3522

Ion	Ratio	Lower	Upper
130	100		
95	81.0	0.0	188.0

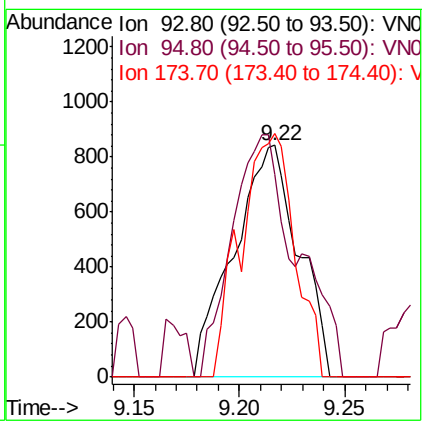


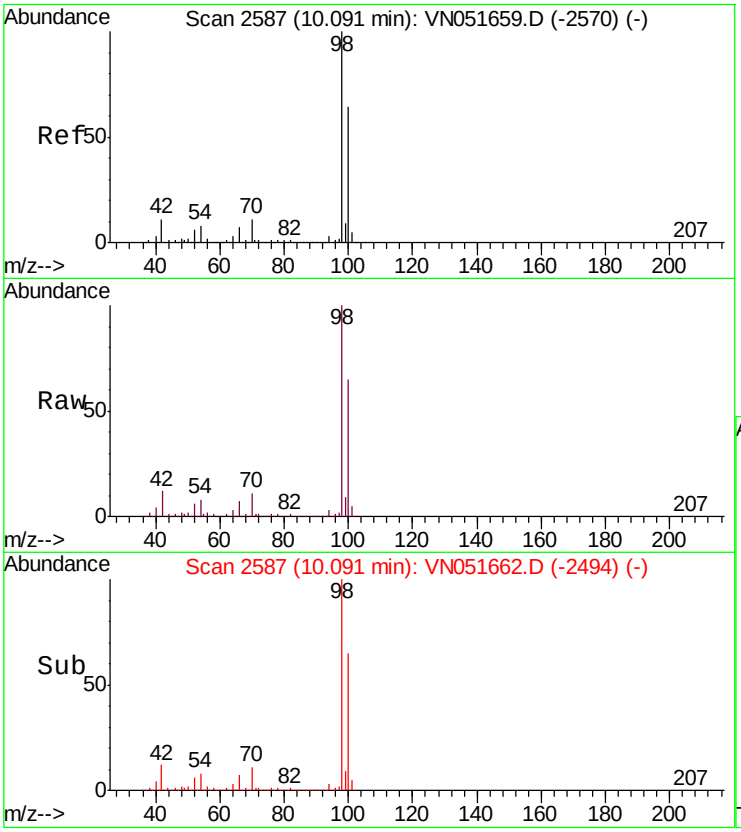


#46
Dibromomethane
Concen: 0.299 ug/l
RT: 9.22 min Scan# 2315
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 93 Resp: 1800

Ion	Ratio	Lower	Upper
93	100		
95	84.2	66.6	100.0
174	87.6	85.9	128.9



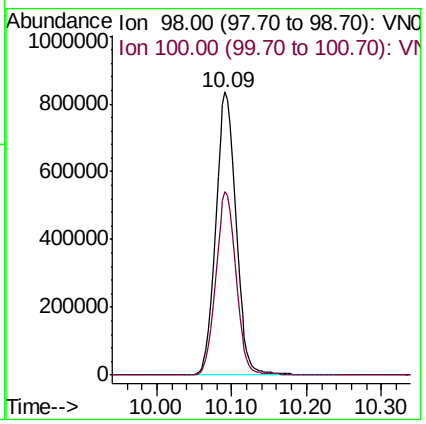


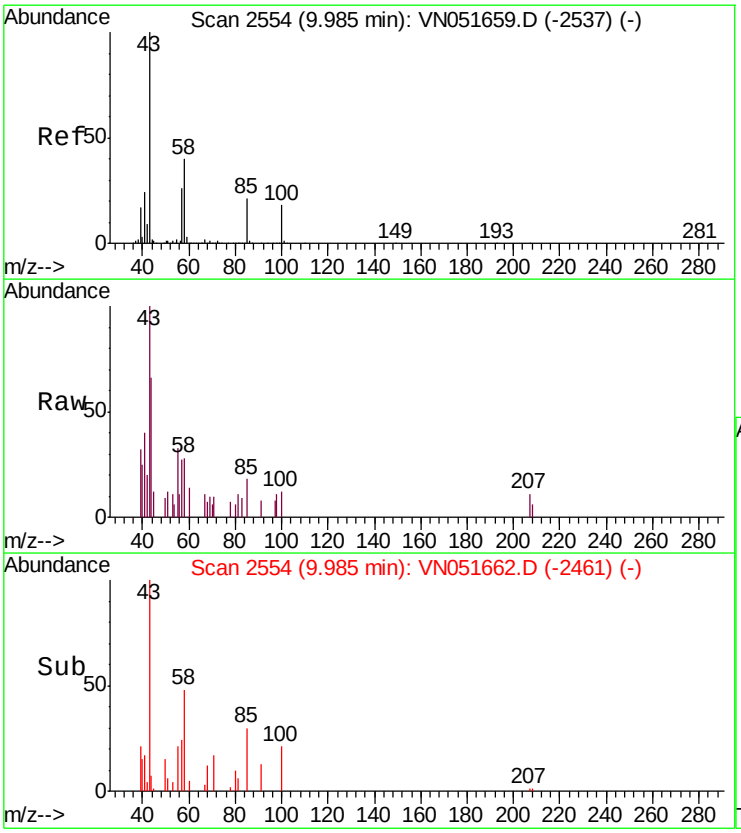
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 98 Resp: 1568784

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3

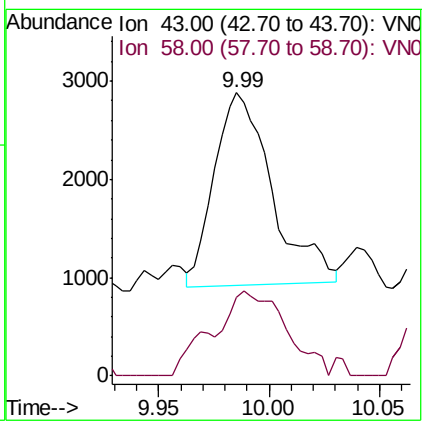


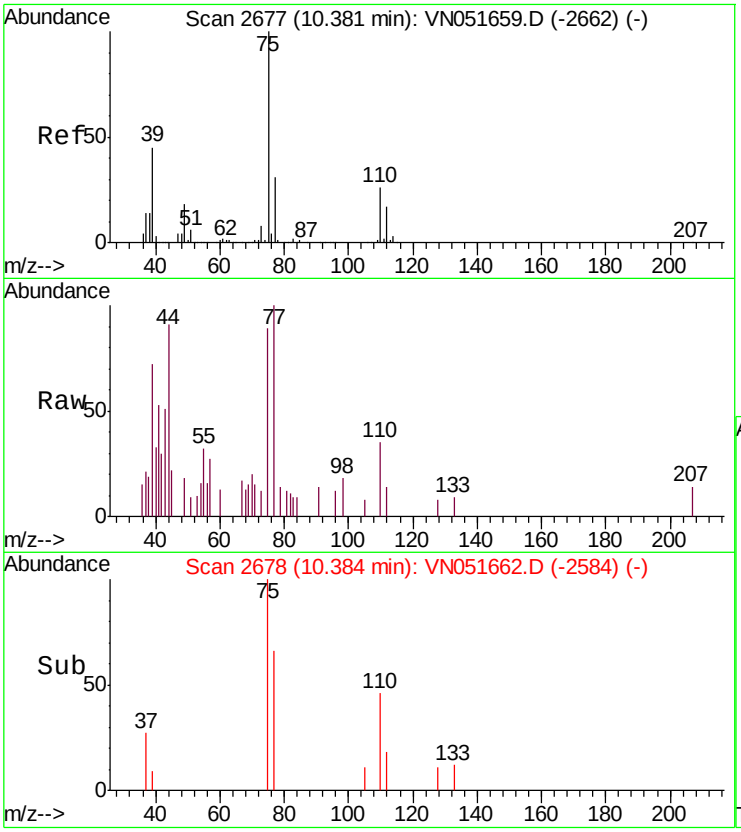


#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 43 Resp: 3555

Ion	Ratio	Lower	Upper
43	100		
58	56.1	32.2	48.2#



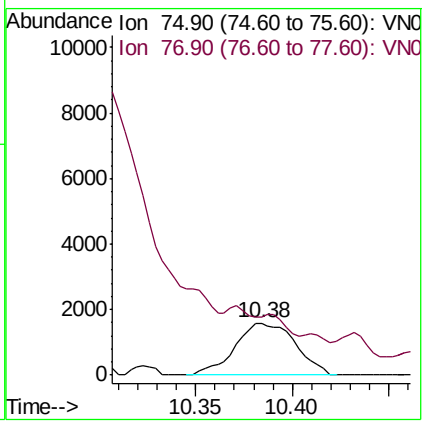


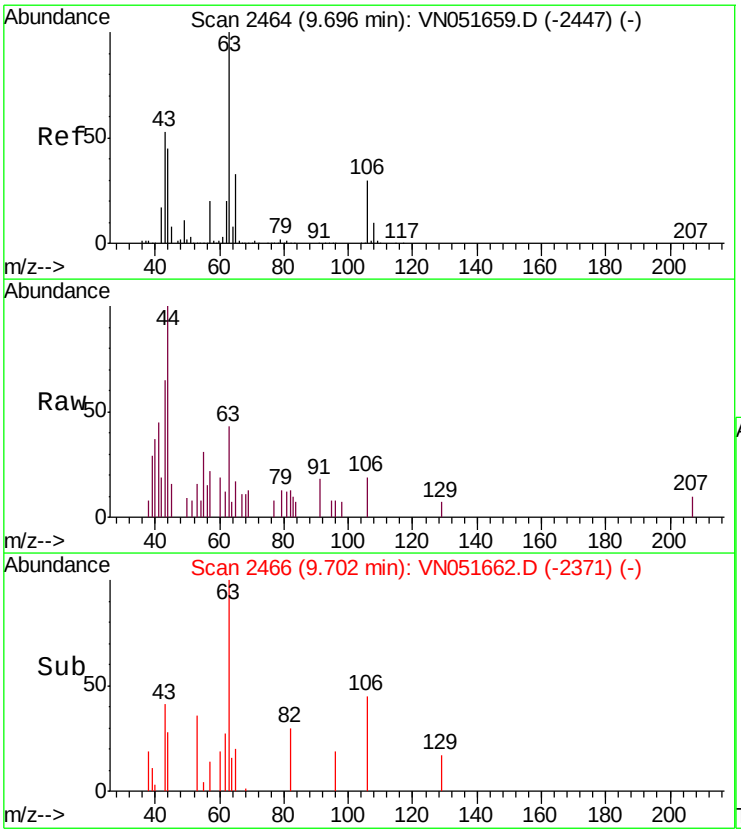
#53
t-1,3-Dichloropropene
Concen: 0.252 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument : MSVOA_N
ClientSampleId : I.BLK

Tgt Ion: 75 Resp: 3443

Ion	Ratio	Lower	Upper
75	100		
77	48.5	25.5	38.3#

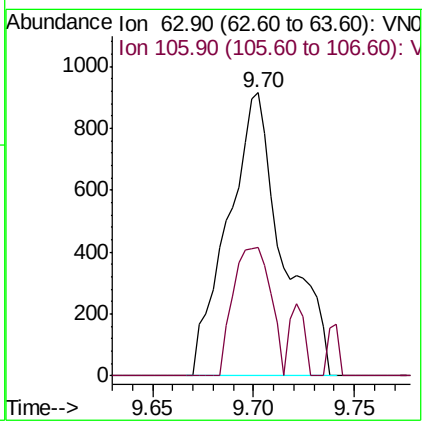


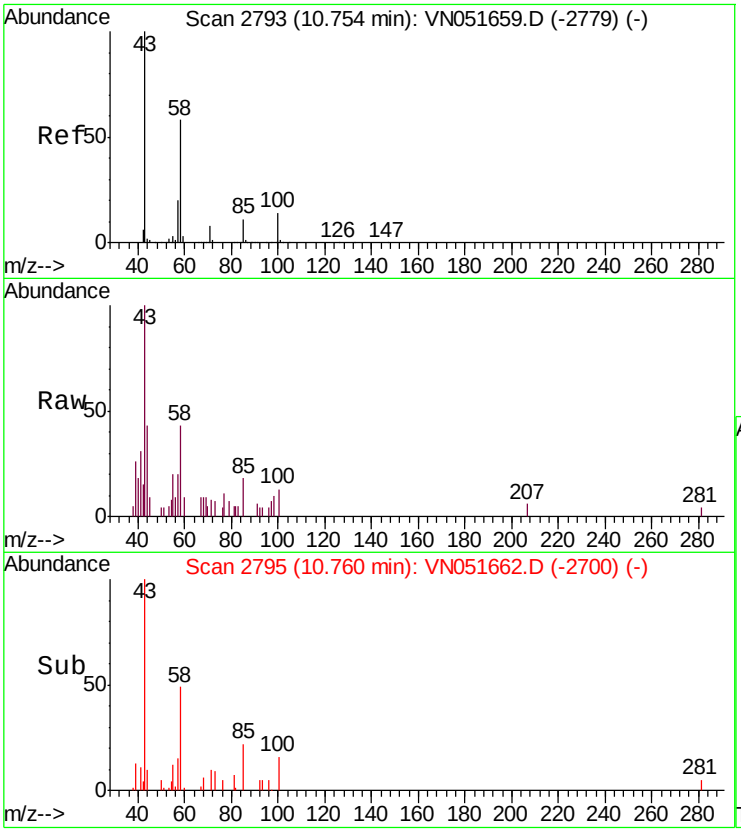


#58
2-Chloroethyl Vinyl ether
Concen: 0.403 ug/l
RT: 9.70 min Scan# 2466
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 63 Resp: 1751

Ion	Ratio	Lower	Upper
63	100		
106	31.0	24.3	36.5



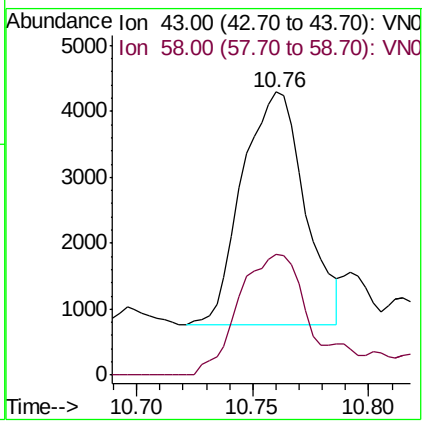


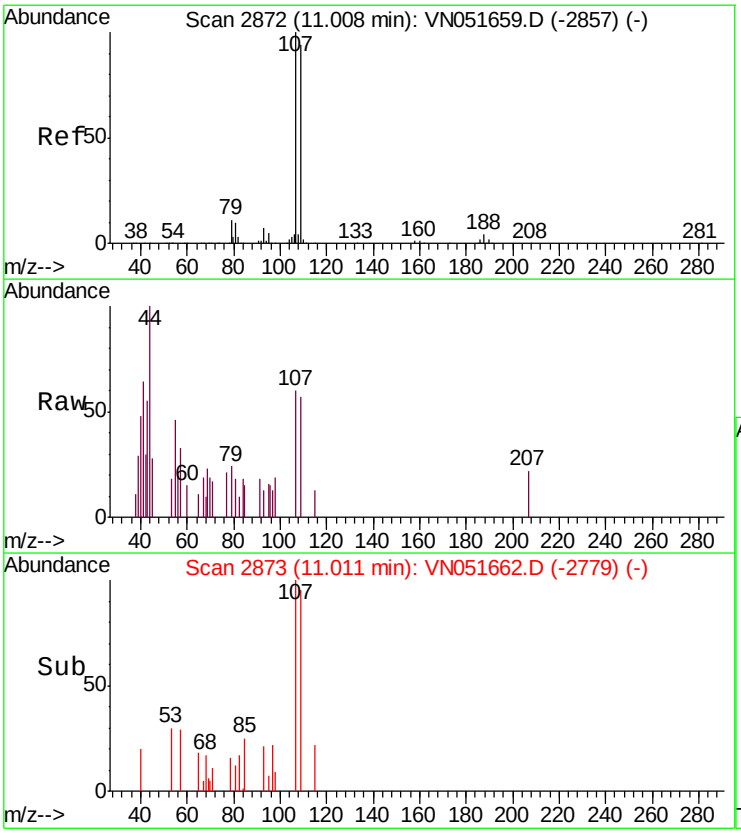
#59
2-Hexanone
Concen: 1.501 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 43 Resp: 6639

Ion	Ratio	Lower	Upper
43	100		
58	60.0	28.8	86.4

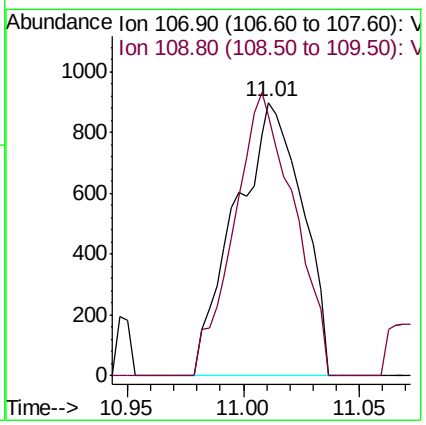


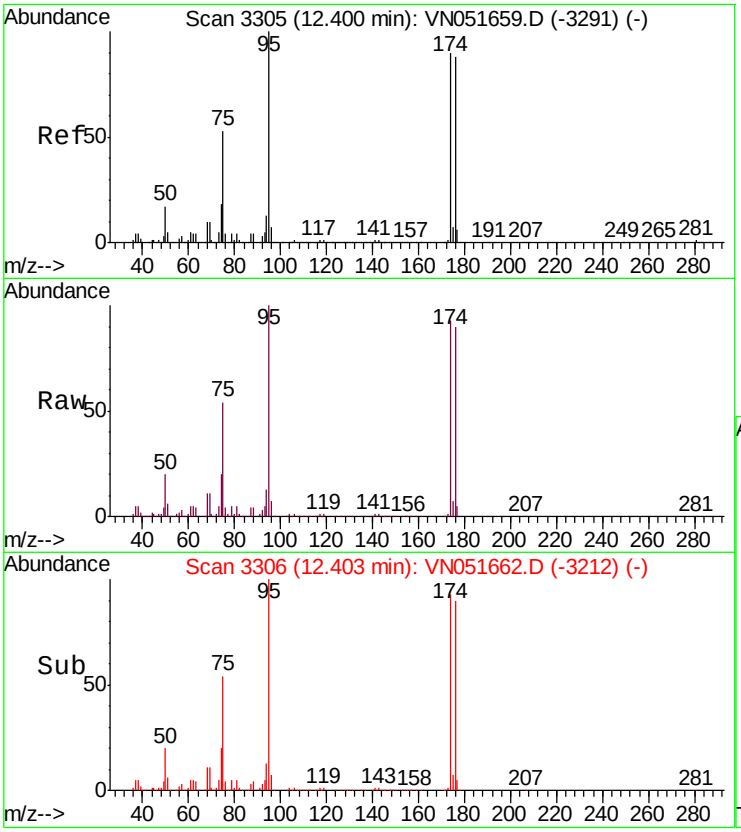


#61
1,2-Dibromoethane
Concen: 0.206 ug/l
RT: 11.01 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:107 Resp: 1806

Ion	Ratio	Lower	Upper
107	100		
109	92.7	75.4	113.0



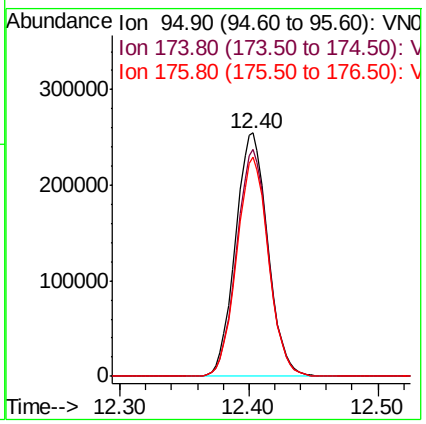


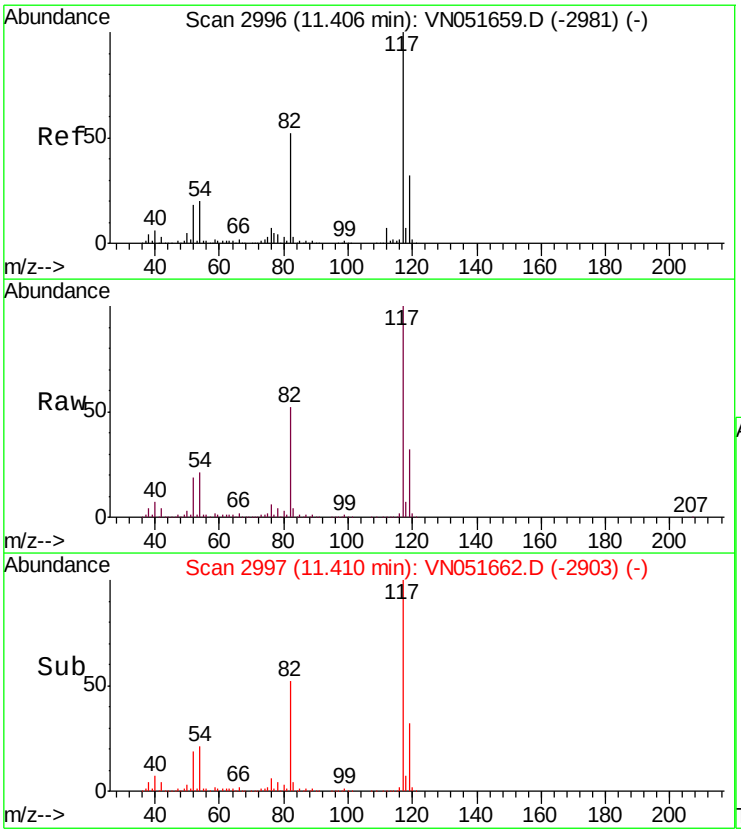
#62
4-Bromofluorobenzene
Concen: 0.206 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 95 Resp: 445391

Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	182.8
176	88.4	0.0	176.4

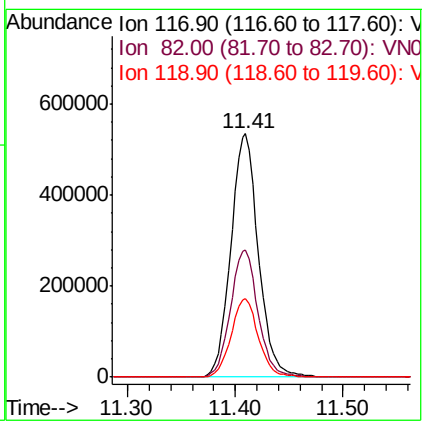


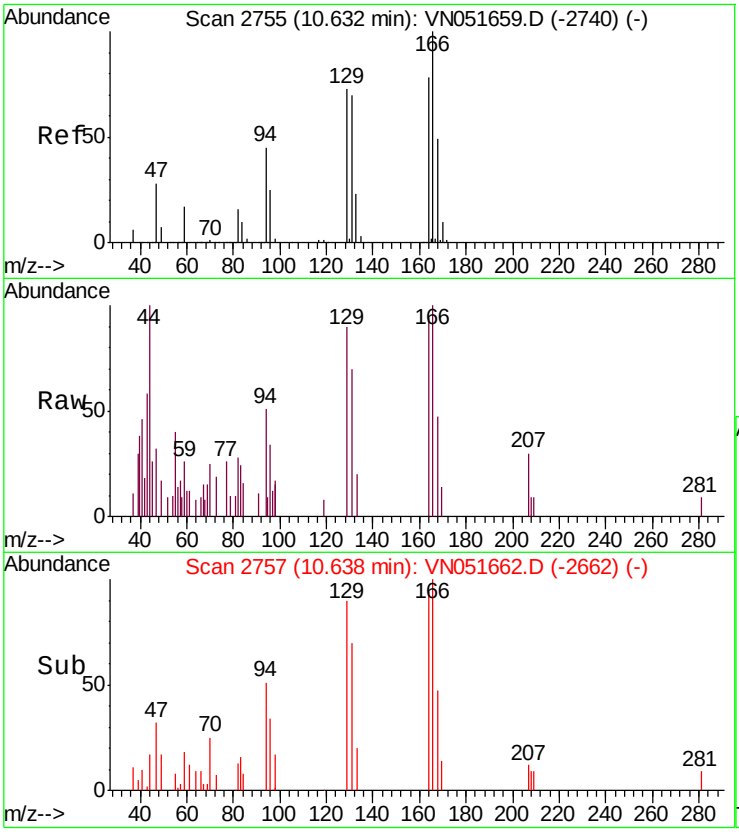


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:117 Resp: 948726

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.3	61.9
119	32.0	25.9	38.9



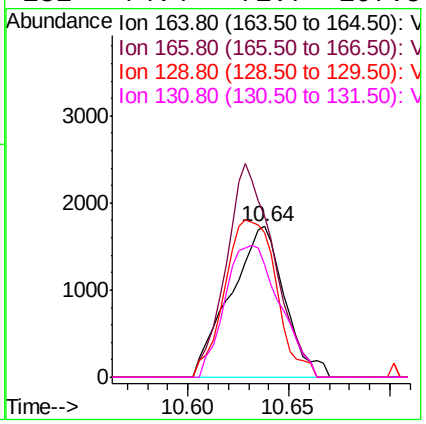


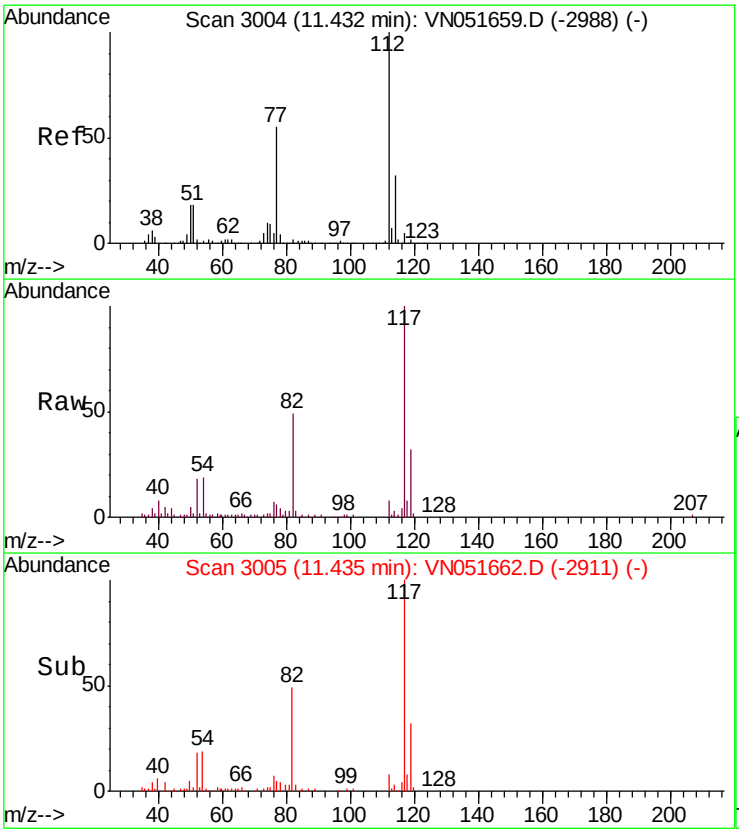
#64
Tetrachloroethene
Concen: 0.387 ug/l
RT: 10.64 min Scan# 2757
Delta R.T. 0.01 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:164 Resp: 3239

Ion	Ratio	Lower	Upper
164	100		
166	106.6	103.0	154.6
129	96.2	75.2	112.8
131	74.4	71.7	107.5

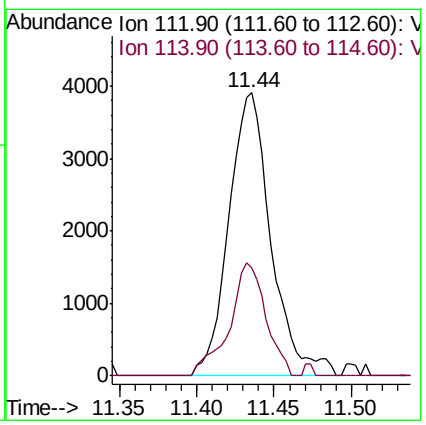


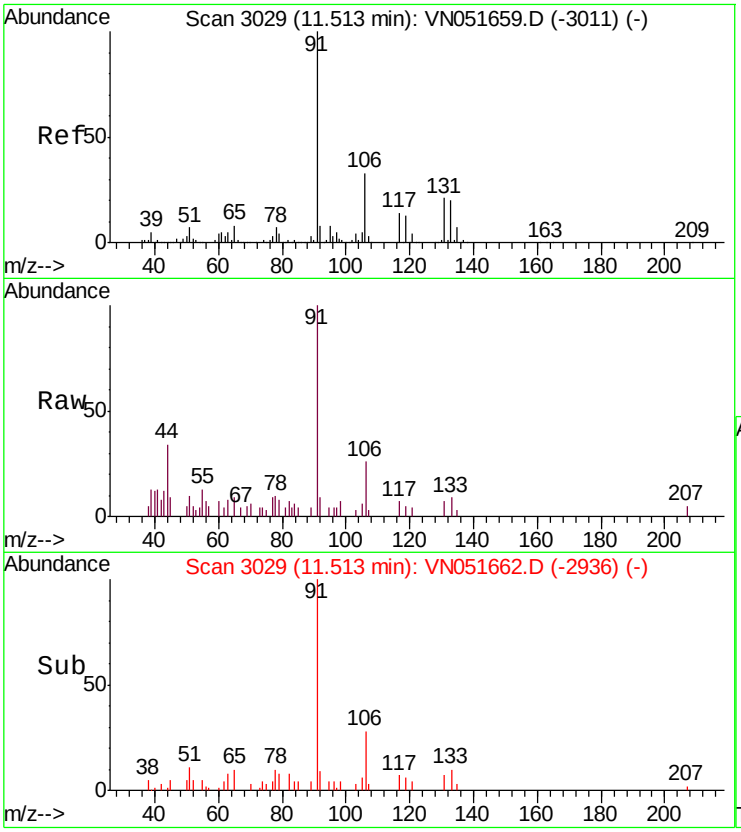


#65
Chlorobenzene
Concen: 0.314 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:112 Resp: 7389

Ion	Ratio	Lower	Upper
112	100		
114	38.0	25.9	38.9



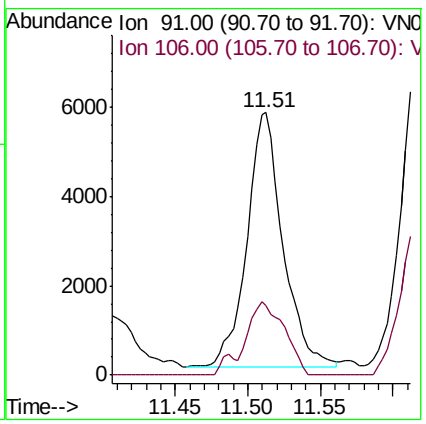


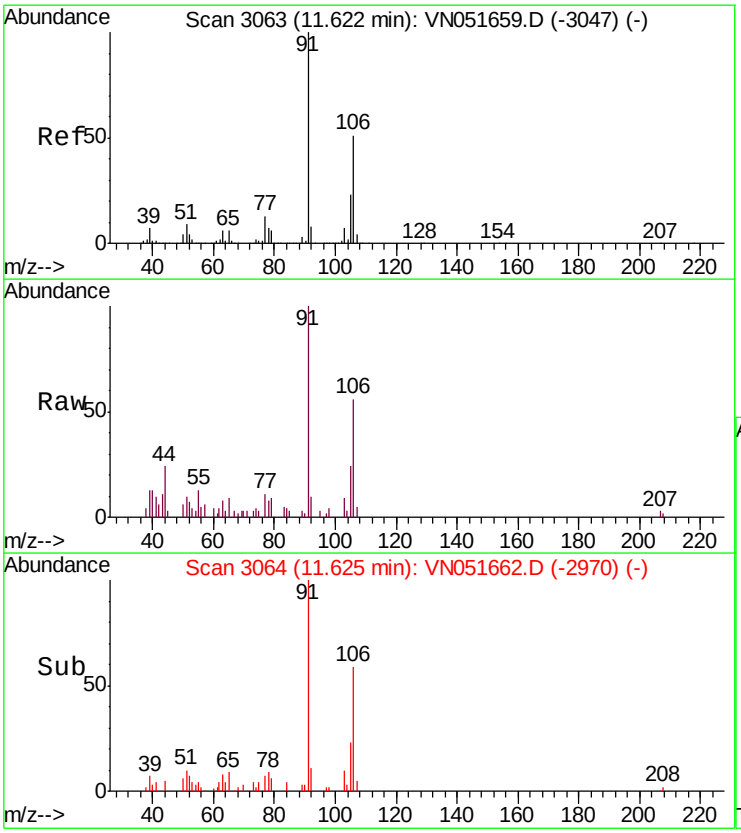
#67
Ethyl Benzene
Concen: 0.244 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 91 Resp: 9925

Ion	Ratio	Lower	Upper
91	100		
106	27.2	26.0	39.0

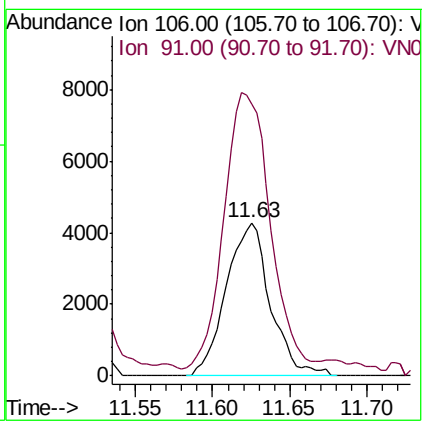


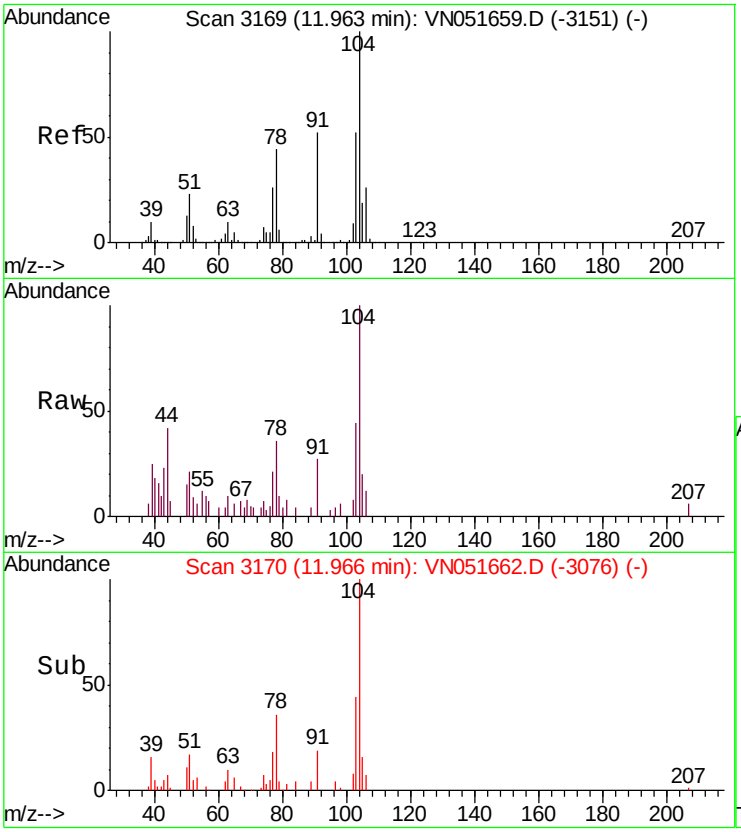


#68
m/p-Xylenes
Concen: 0.520 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:106 Resp: 8454

Ion	Ratio	Lower	Upper
106	100		
91	187.8	158.4	237.6



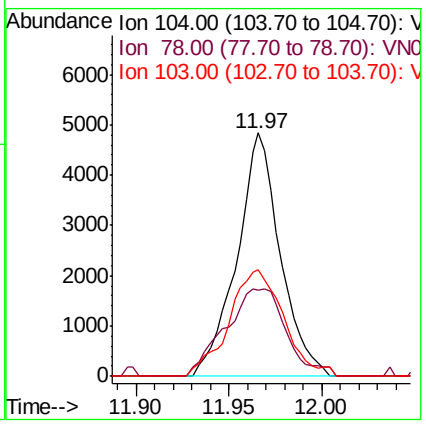


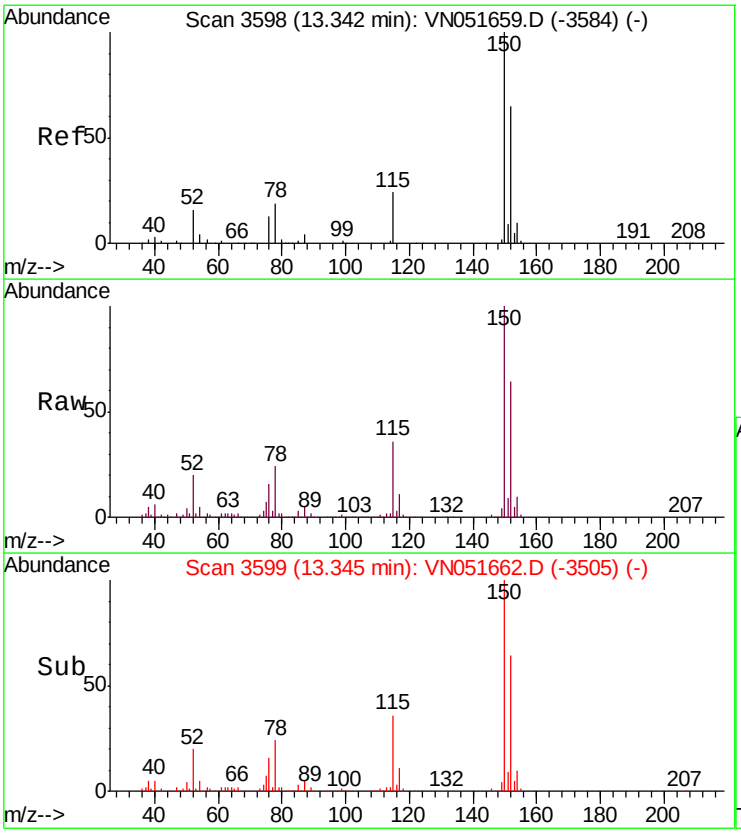
#70
Styrene
Concen: 0.310 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:104 Resp: 7883

Ion	Ratio	Lower	Upper
104	100		
78	50.3	39.3	58.9
103	54.9	45.0	67.6

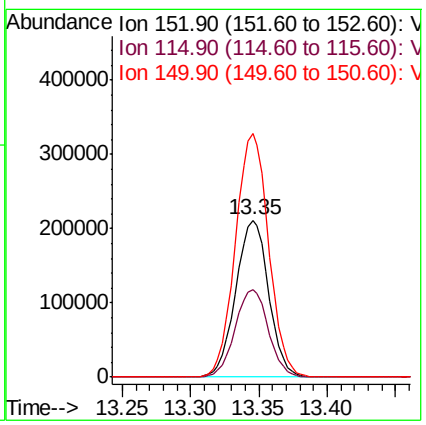


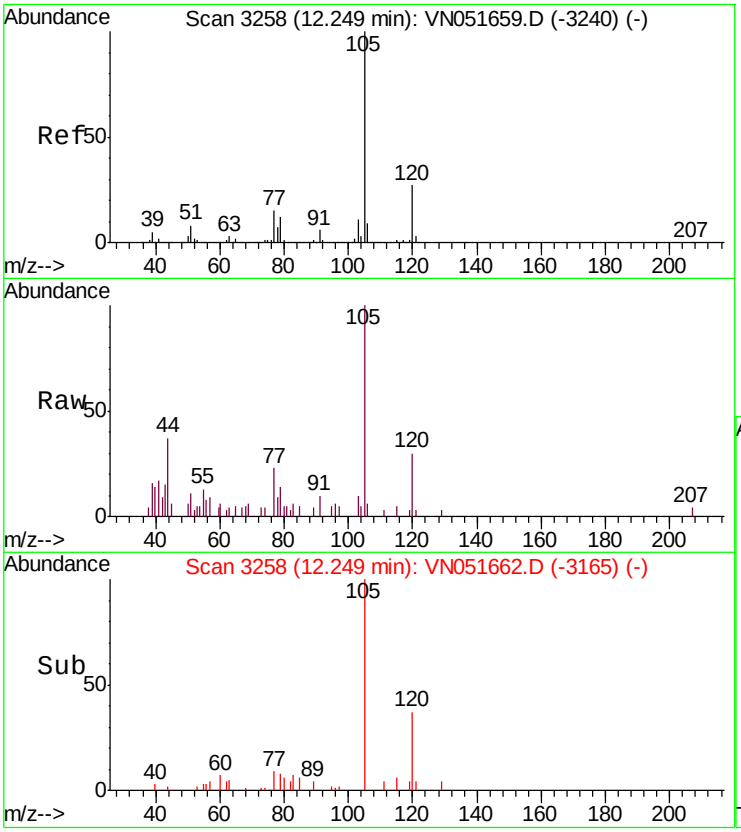


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:152 Resp: 353081

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.6	85.8
150	157.1	0.0	352.4



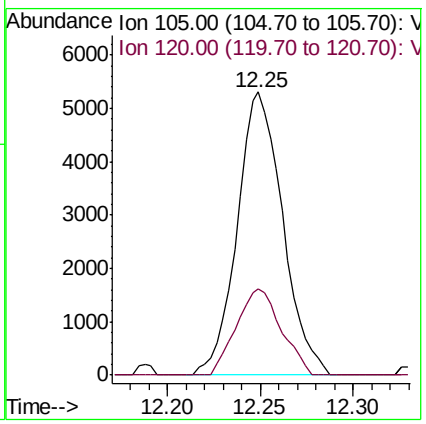


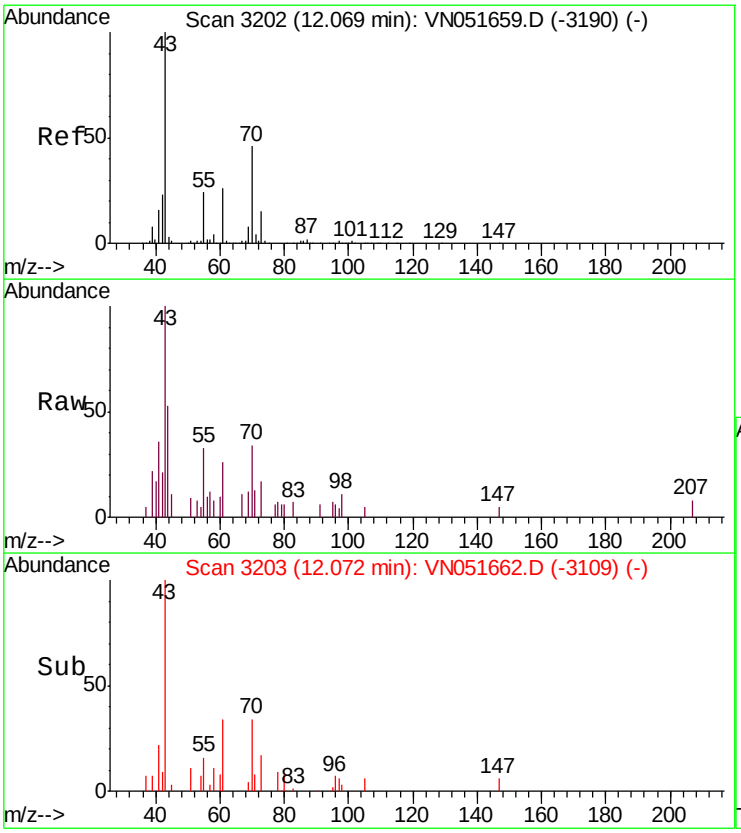
#73
Isopropylbenzene
Concen: 0.302 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:105 Resp: 9078

Ion	Ratio	Lower	Upper
105	100		
120	29.8	13.9	41.6

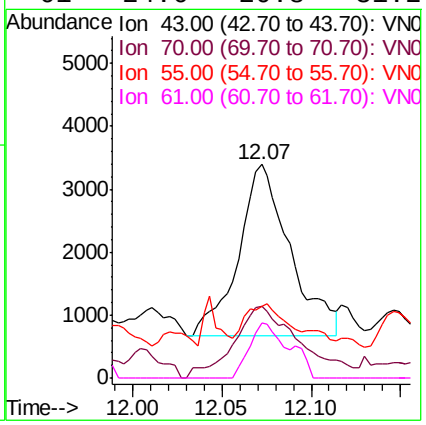


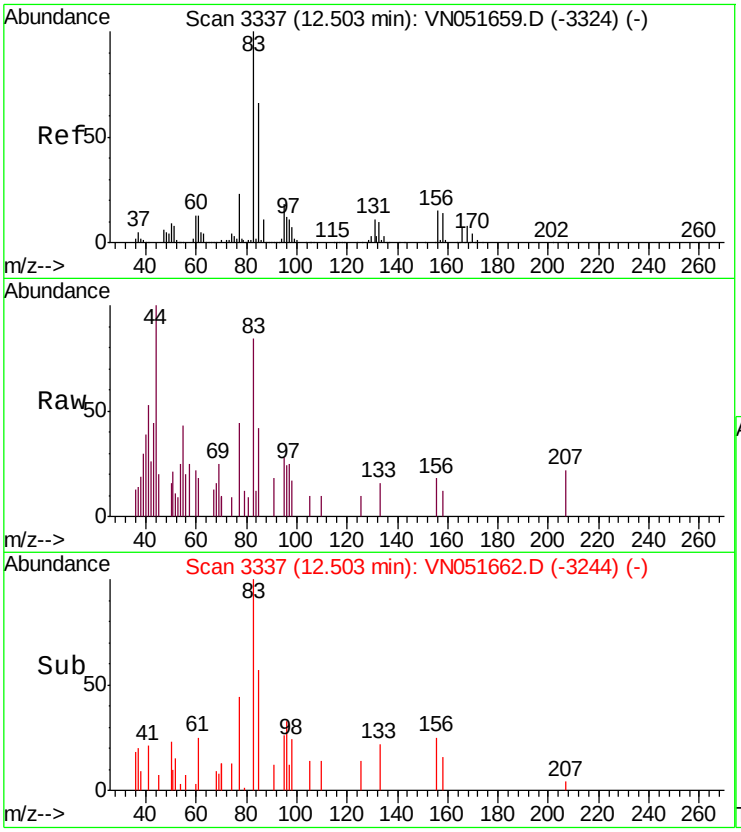


#74
N-amyl acetate
Concen: 0.800 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 43 Resp: 5493

Ion	Ratio	Lower	Upper
43	100		
70	53.6	37.1	55.7
55	13.5	19.1	28.7#
61	24.6	20.8	31.2



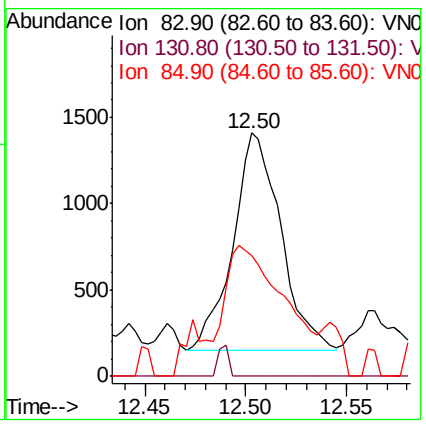


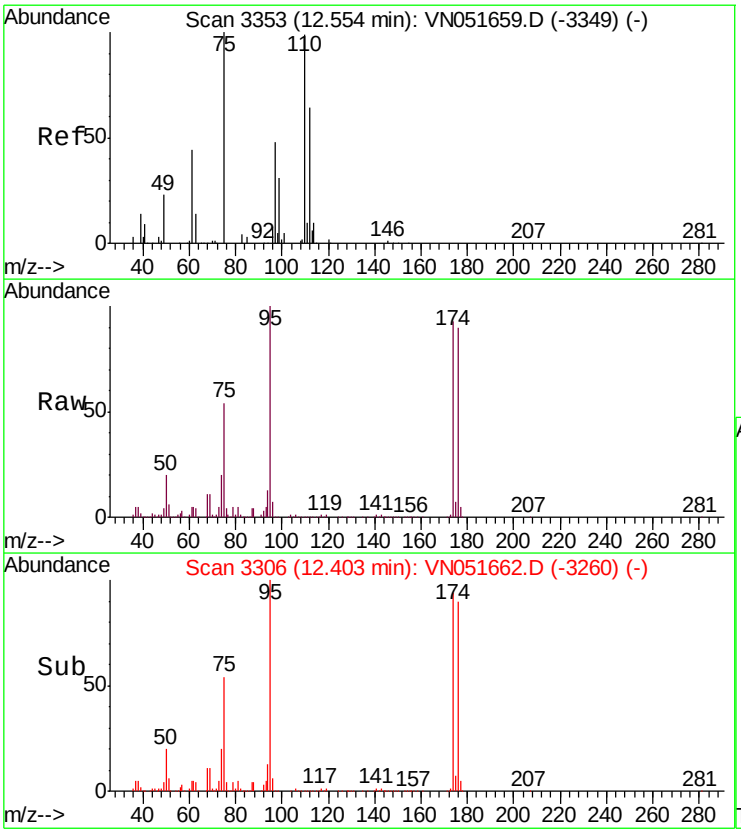
#75
1,1,2,2-Tetrachloroethane
Concen: 0.320 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 83 Resp: 2078

Ion	Ratio	Lower	Upper
83	100		
131	3.2	5.7	17.1#
85	51.5	33.0	98.9

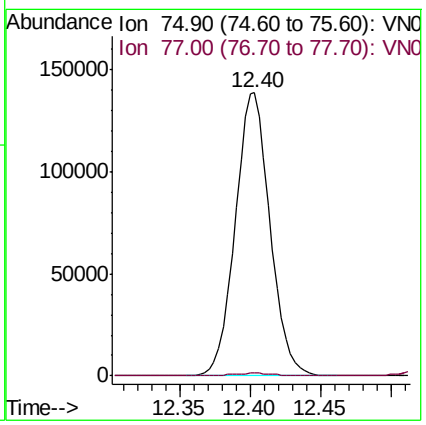


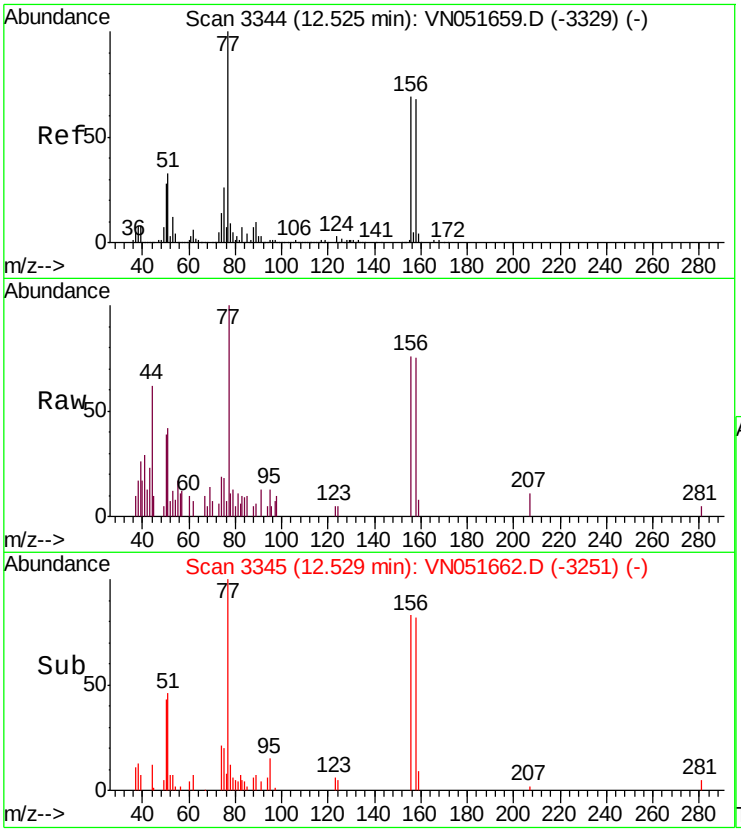


#76
1,2,3-Trichloropropane
Concen: 48.238 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 75 Resp: 238885

Ion	Ratio	Lower	Upper
75	100		
77	0.8	0.0	0.0#



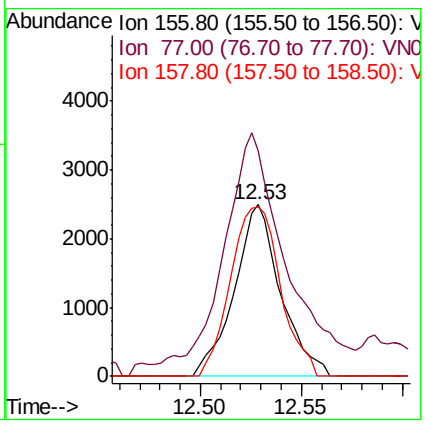


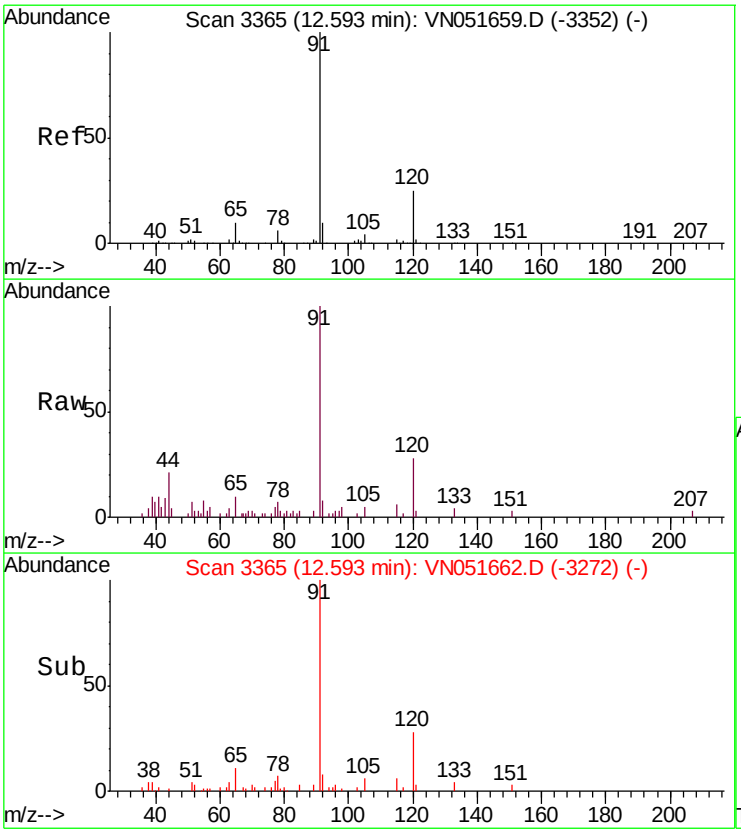
#77
Bromobenzene
Concen: 0.544 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:156 Resp: 4006

Ion	Ratio	Lower	Upper
156	100		
77	183.5	83.2	249.4
158	106.4	49.0	147.2

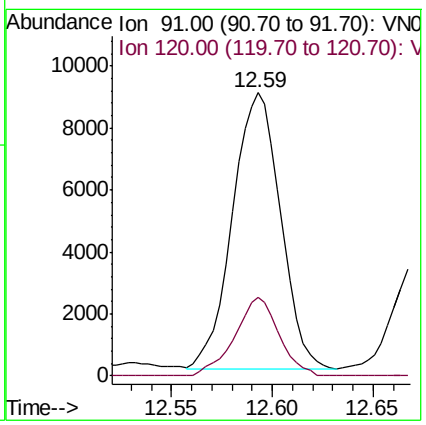


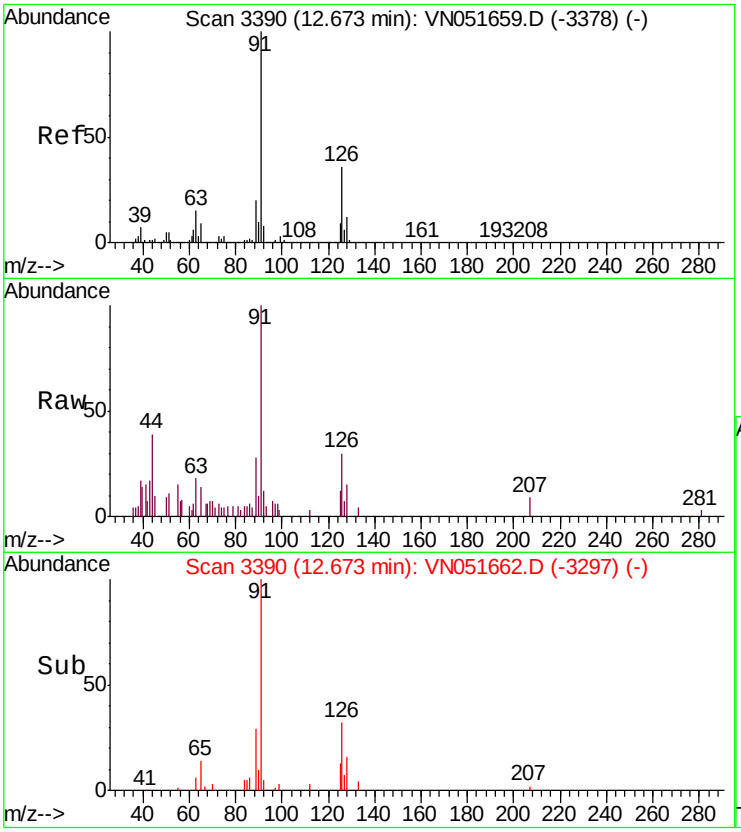


#78
n-propylbenzene
Concen: 0.451 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 91 Resp: 14793

Ion	Ratio	Lower	Upper
91	100		
120	26.2	12.4	37.2



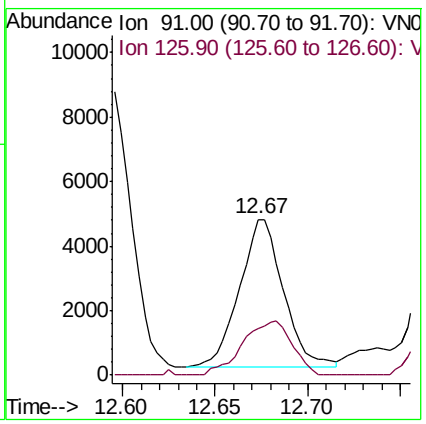


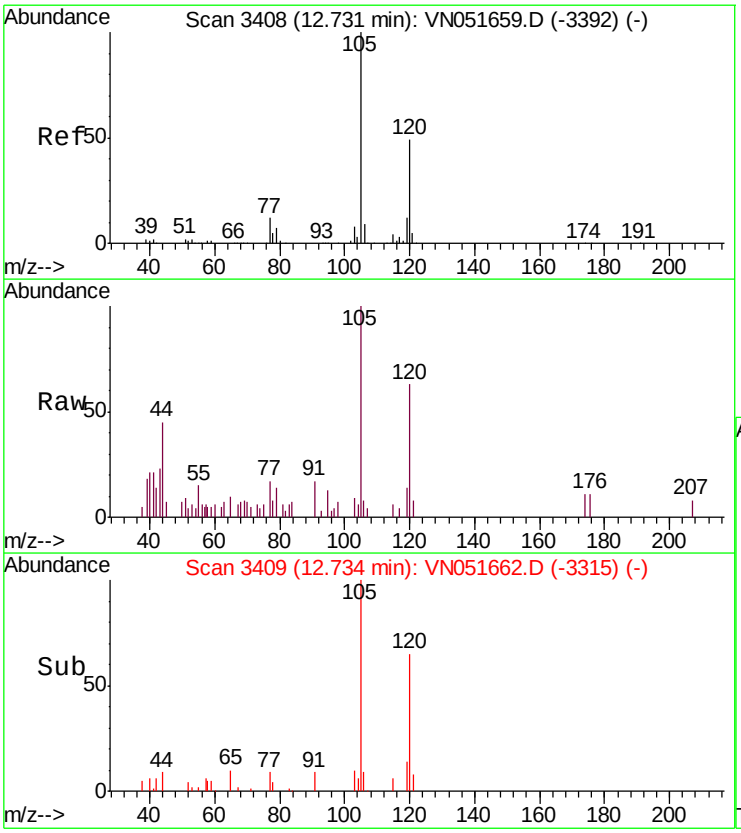
#79
2-Chlorotoluene
Concen: 0.391 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 91 Resp: 7559

Ion	Ratio	Lower	Upper
91	100		
126	41.0	18.5	55.5

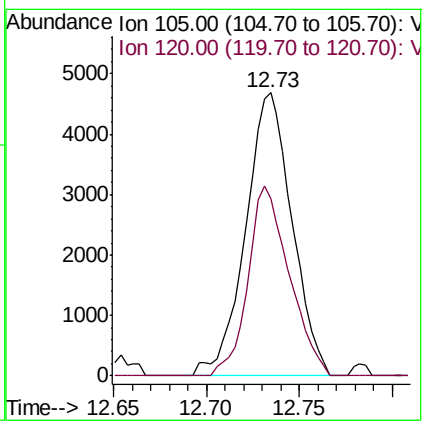


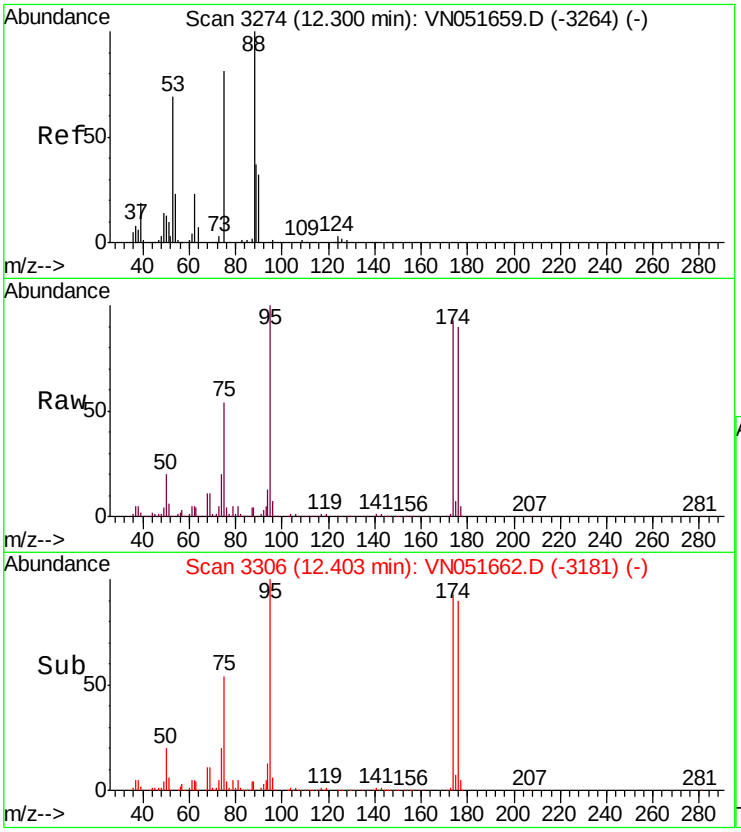


#80
1,3,5-Trimethylbenzene
Concen: 0.323 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:105 Resp: 8197

Ion	Ratio	Lower	Upper
105	100		
120	59.4	24.6	74.0



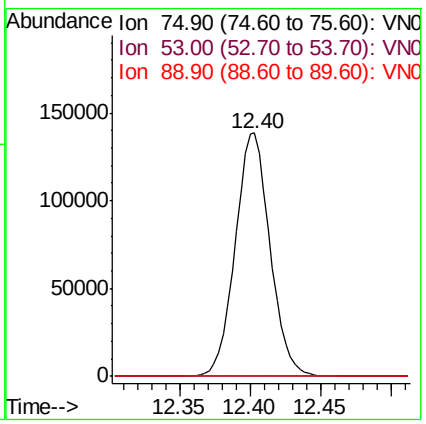


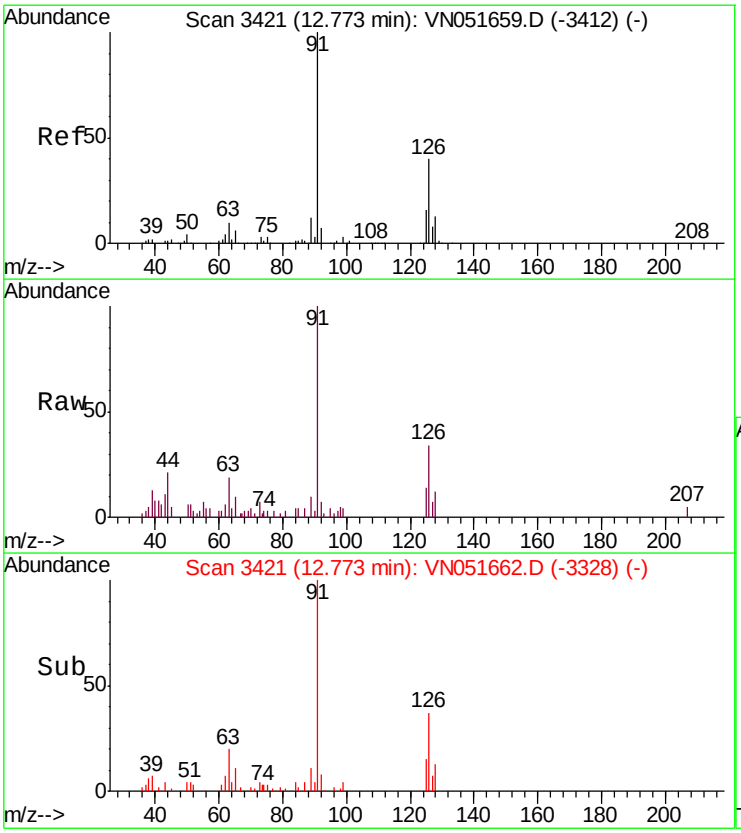
#81
trans-1,4-Dichloro-2-butene
Concen: 124.367 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument : MSVOA_N
ClientSampleId : I.BLK

Tgt Ion: 75 Resp: 238885

Ion	Ratio	Lower	Upper
75	100		
53	0.2	68.6	102.8#
89	0.0	39.4	59.2#

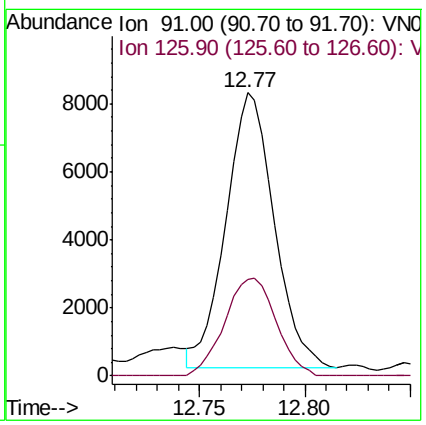


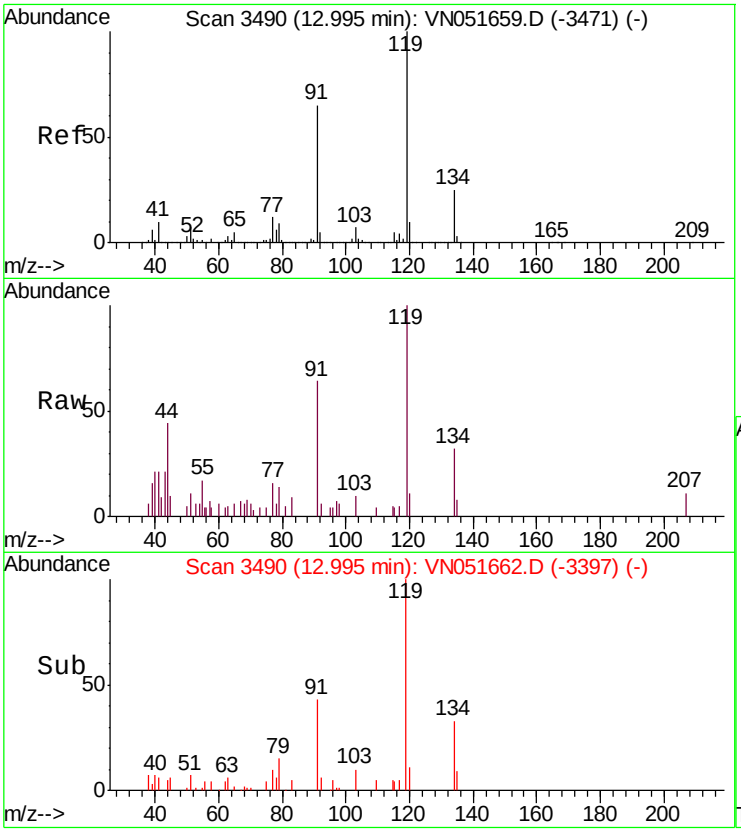


#82
4-Chlorotoluene
Concen: 0.658 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 91 Resp: 12791

Ion	Ratio	Lower	Upper
91	100		
126	38.1	18.0	54.0



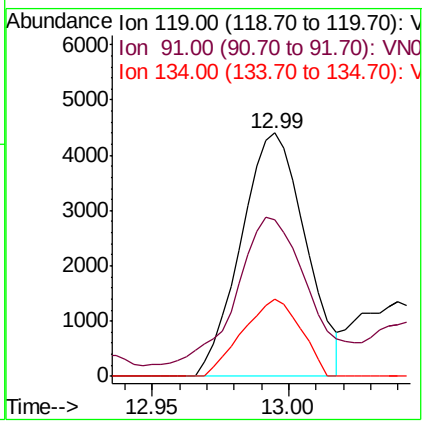


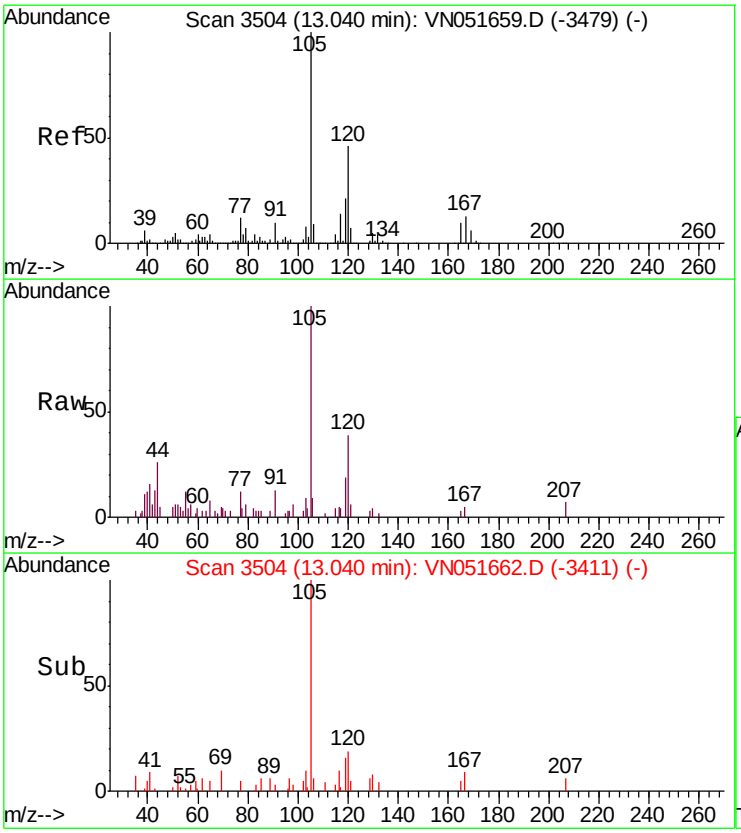
#83
tert-Butylbenzene
Concen: 0.318 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:119 Resp: 7236

Ion	Ratio	Lower	Upper
119	100		
91	66.4	32.1	96.5
134	28.6	13.3	39.9

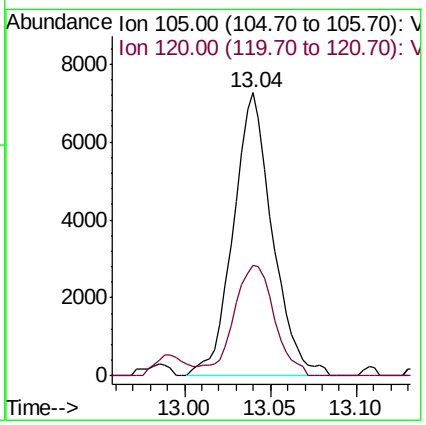


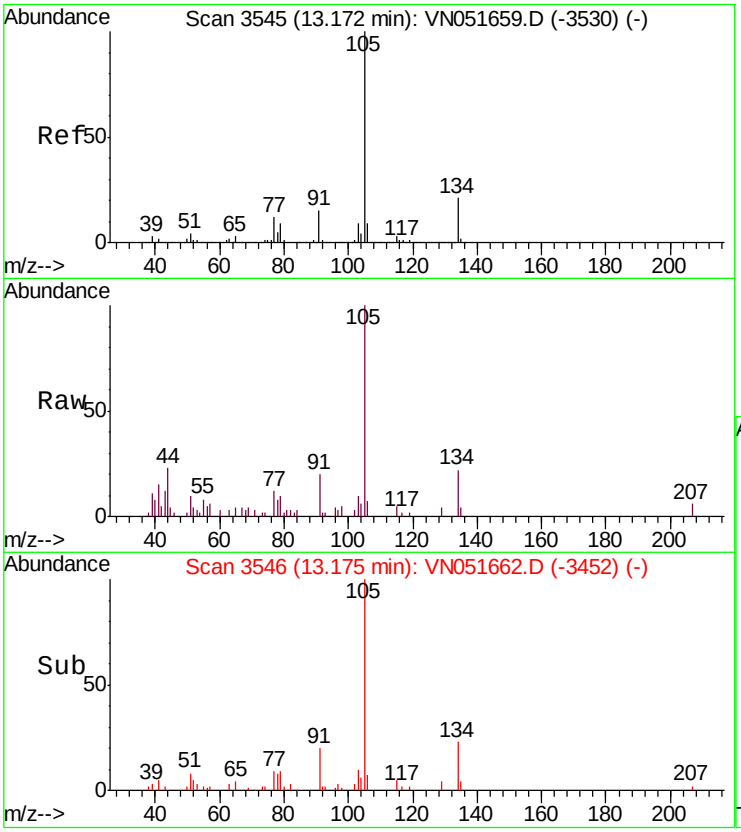


#84
1,2,4-Trimethylbenzene
Concen: 0.453 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:105 Resp: 11501

Ion	Ratio	Lower	Upper
105	100		
120	40.2	22.9	68.7



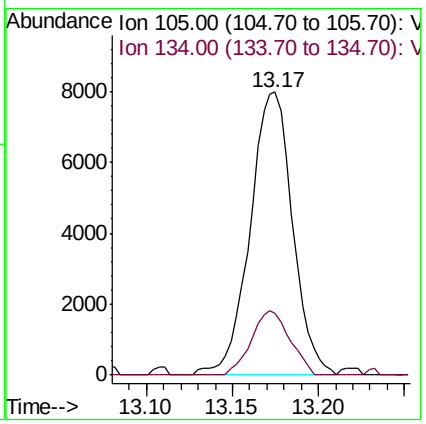


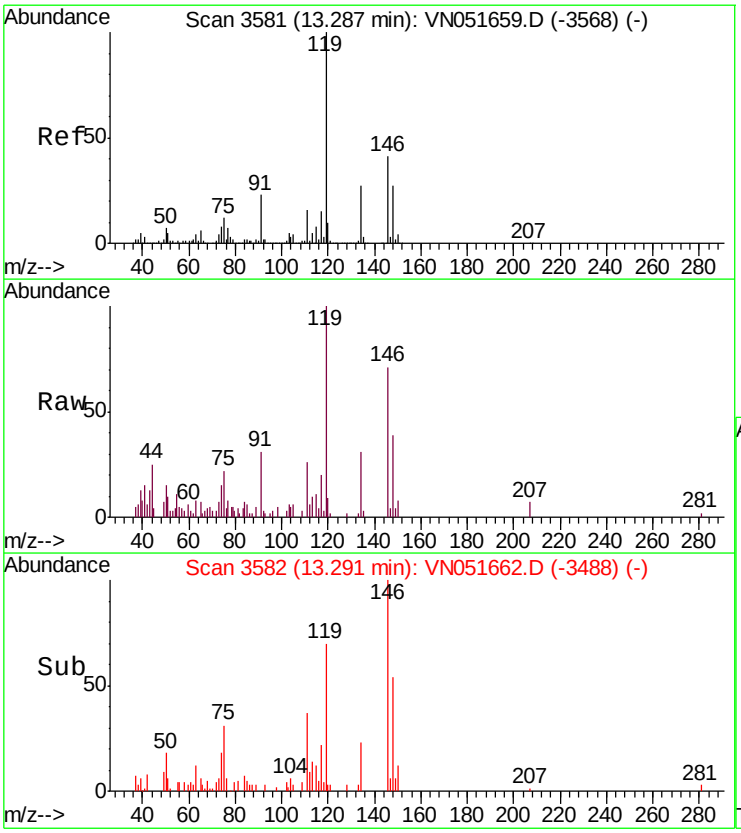
#85
sec-Butylbenzene
Concen: 0.454 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:105 Resp: 13651

Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.5	31.6

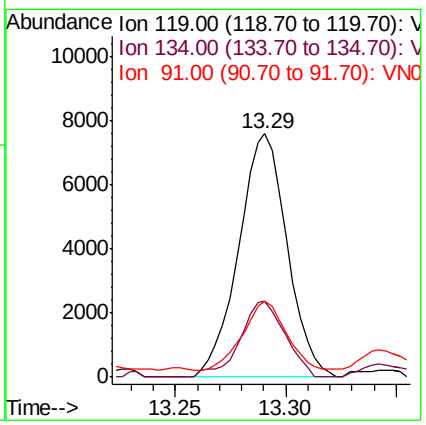


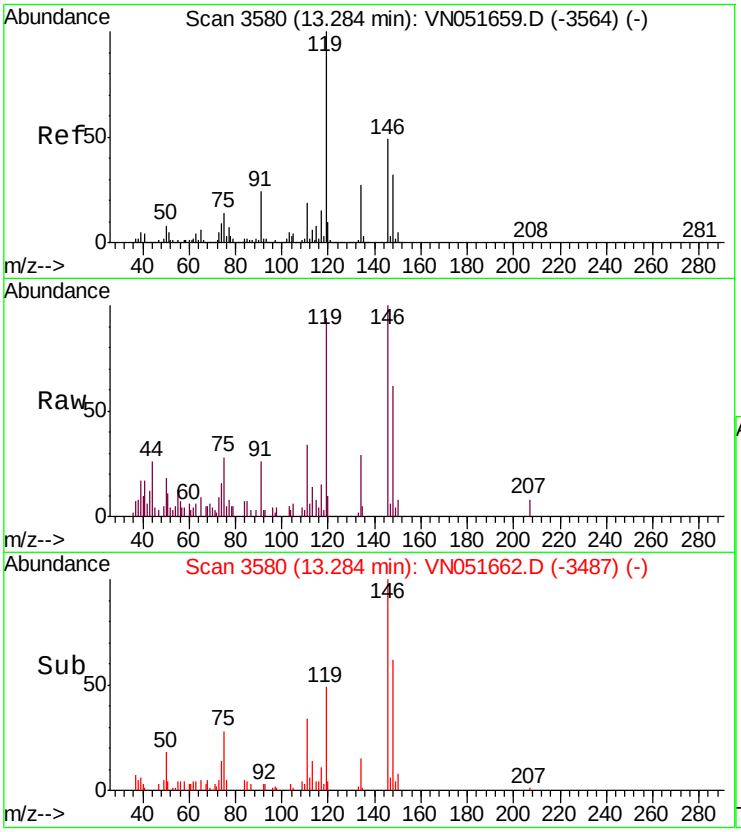


#86
p-Isopropyltoluene
Concen: 0.435 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:119 Resp: 11595

Ion	Ratio	Lower	Upper
119	100		
134	29.1	13.4	40.2
91	26.0	11.7	35.1



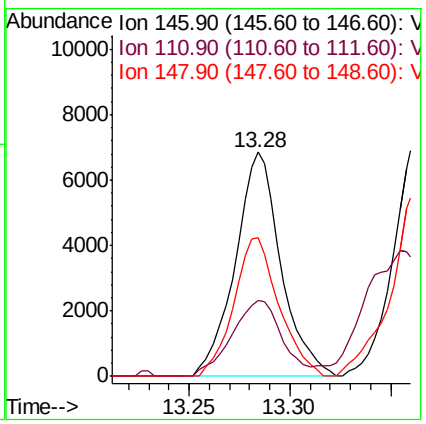


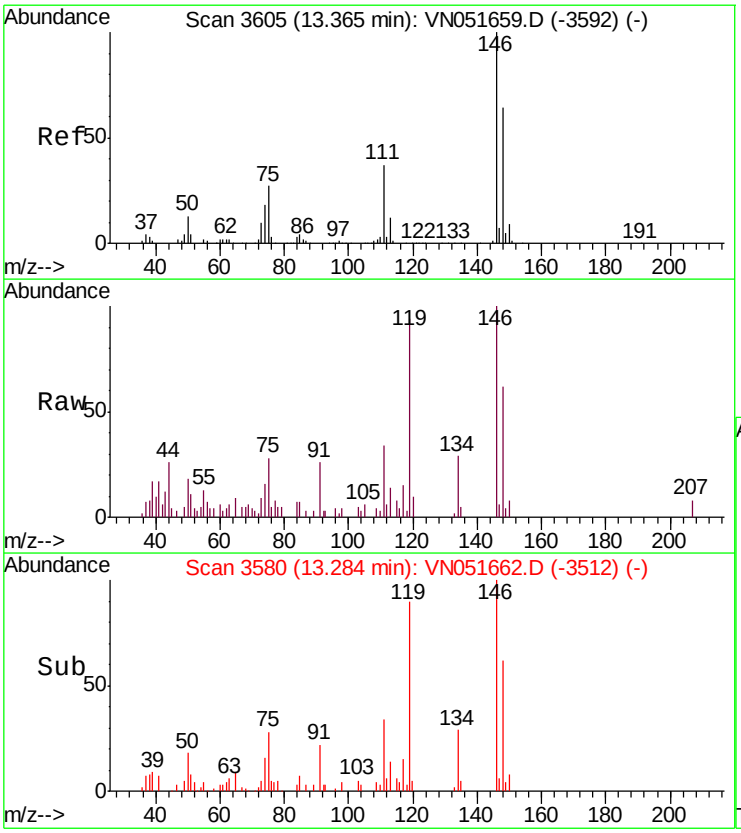
#87
1,3-Dichlorobenzene
Concen: 0.846 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:146 Resp: 10850

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.9
148	61.3	32.5	97.5

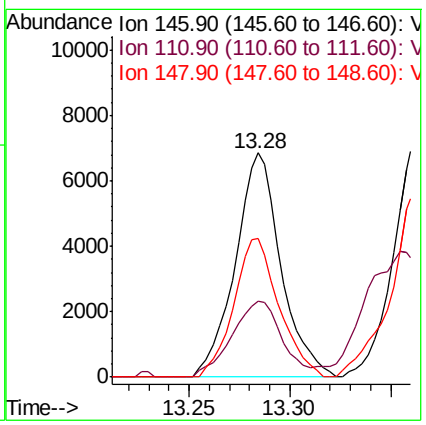


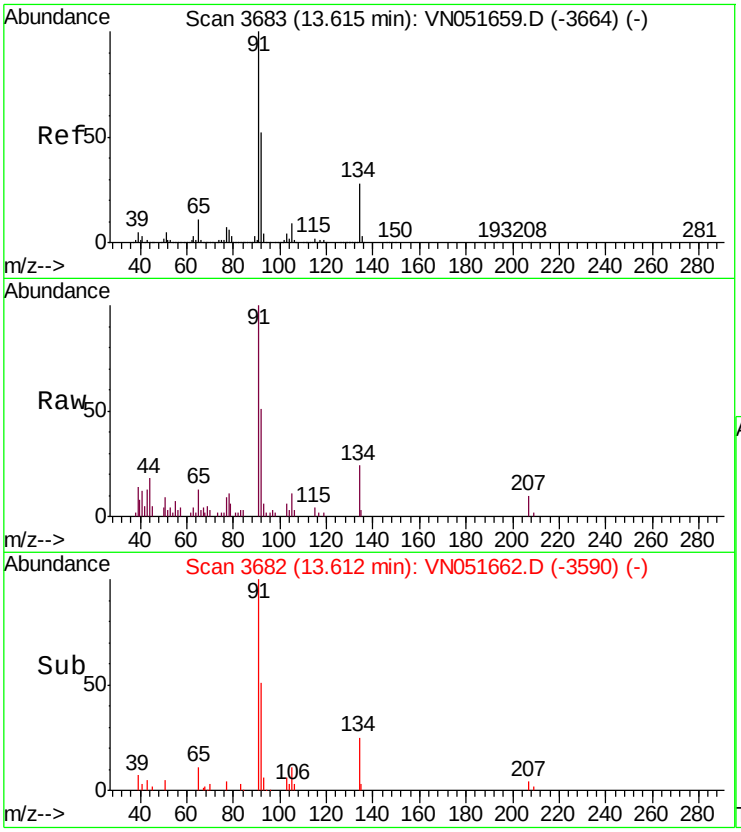


#88
1,4-Dichlorobenzene
Concen: 0.860 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.08 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:146 Resp: 10850

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.6	55.8
148	61.3	32.3	96.8



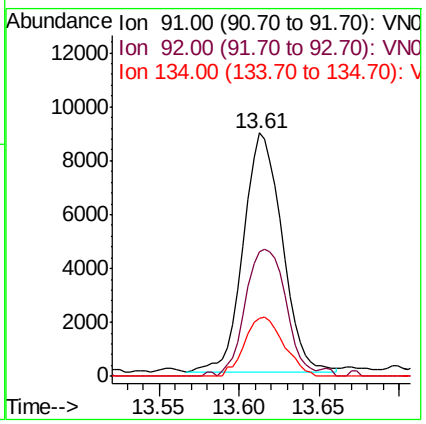


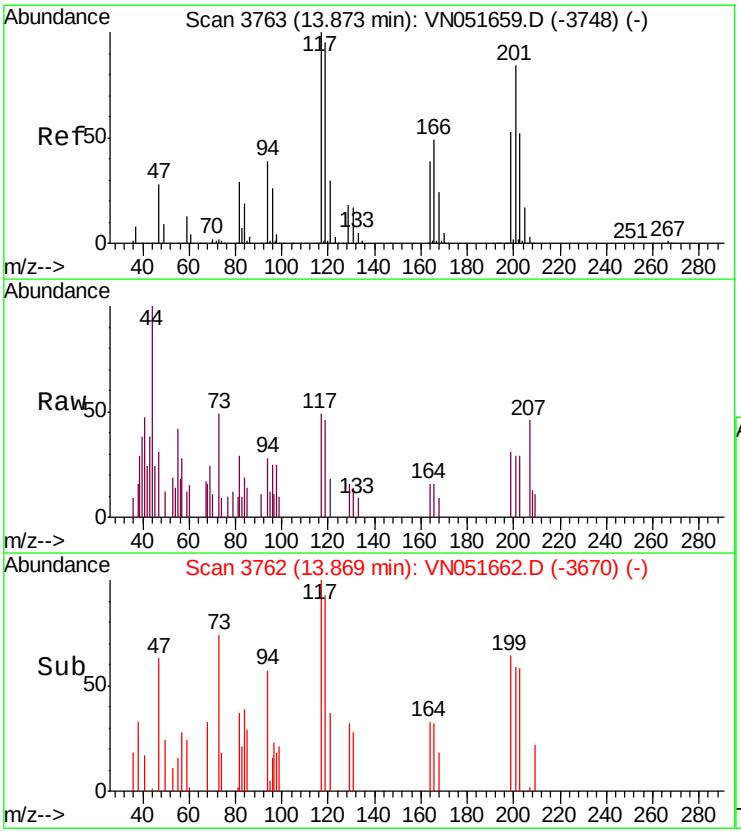
#89
n-Butylbenzene
Concen: 0.693 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 91 Resp: 14614

Ion	Ratio	Lower	Upper
91	100		
92	56.4	26.0	78.0
134	25.0	14.2	42.6

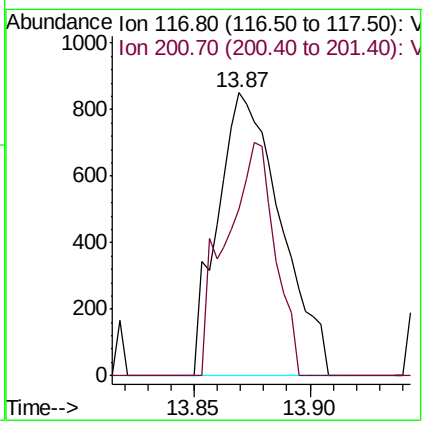


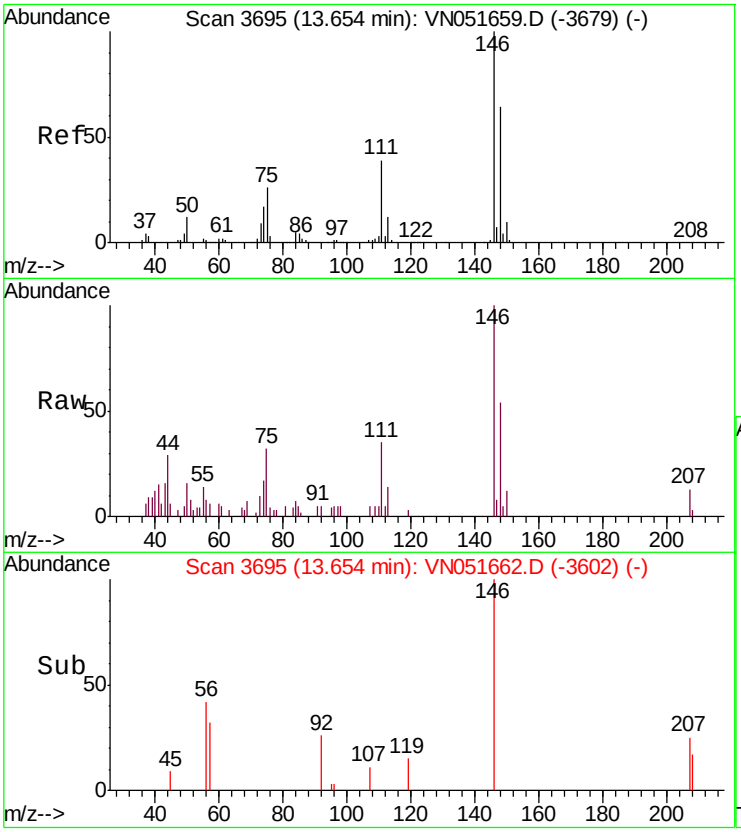


#90
Hexachloroethane
Concen: 0.302 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:117 Resp: 1608

Ion	Ratio	Lower	Upper
117	100		
201	64.5	42.4	127.3



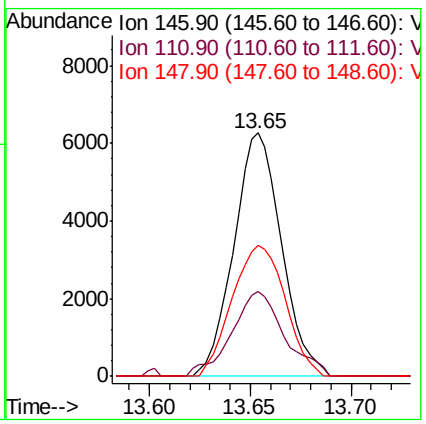


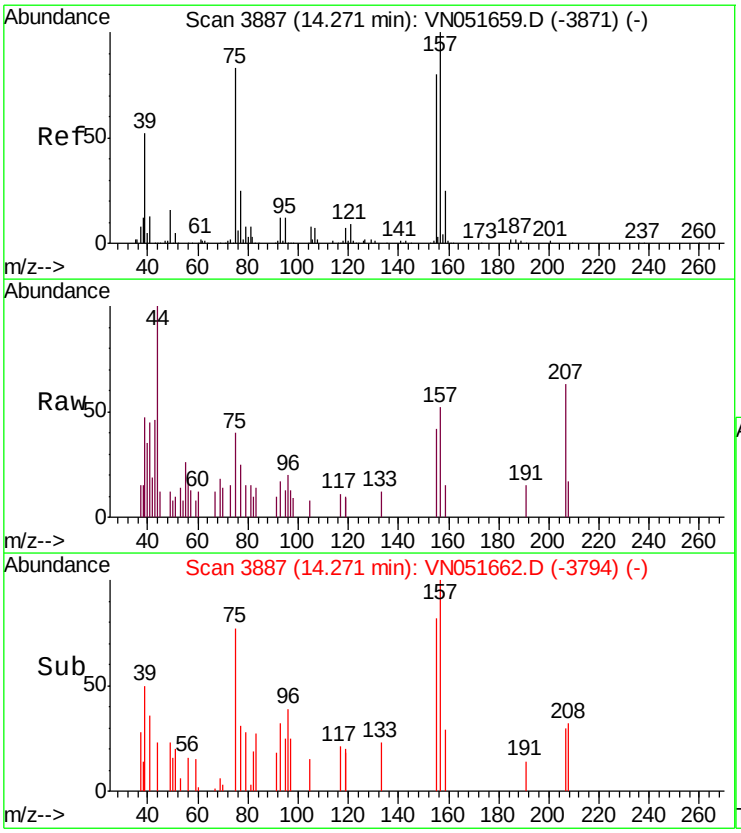
#91
1,2-Dichlorobenzene
Concen: 0.813 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:146 Resp: 10368

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.0
148	59.9	32.1	96.3

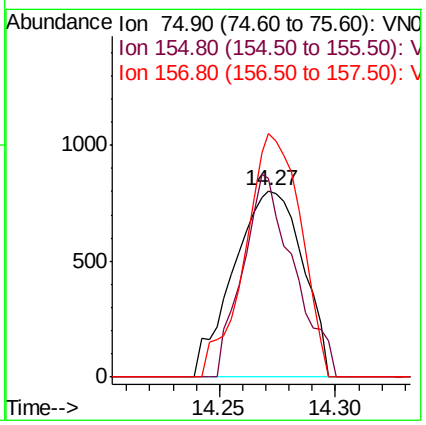


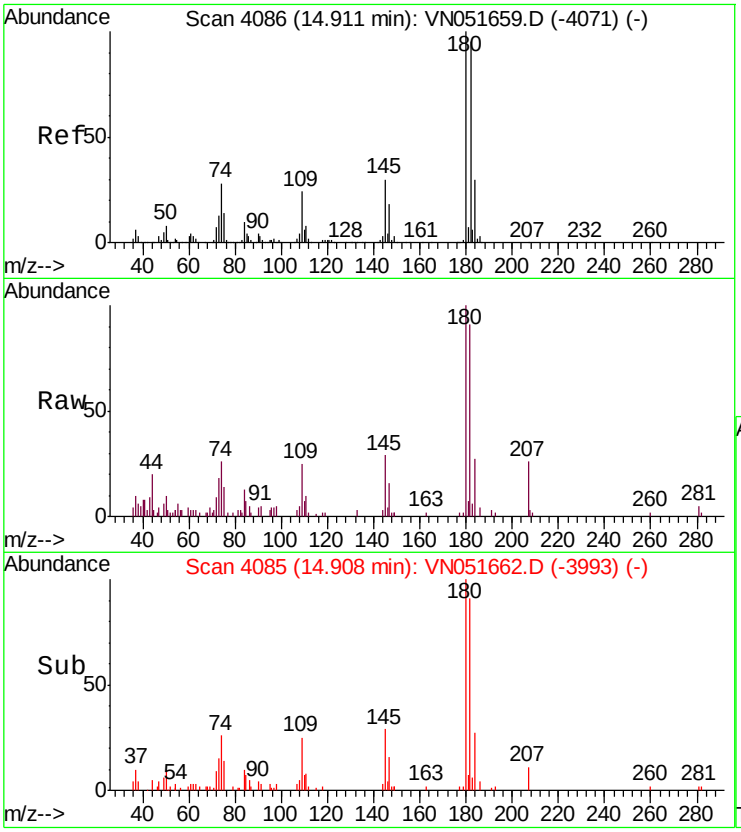


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.573 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion: 75 Resp: 1663

Ion	Ratio	Lower	Upper
75	100		
155	80.3	47.6	142.9
157	105.7	61.7	185.1



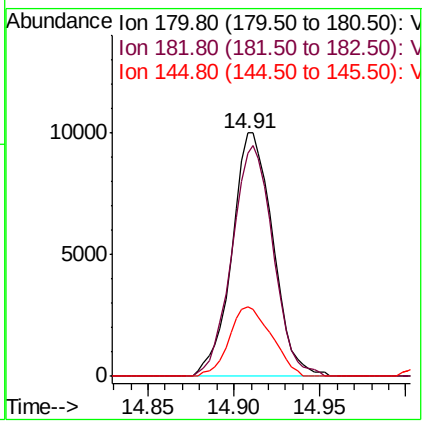


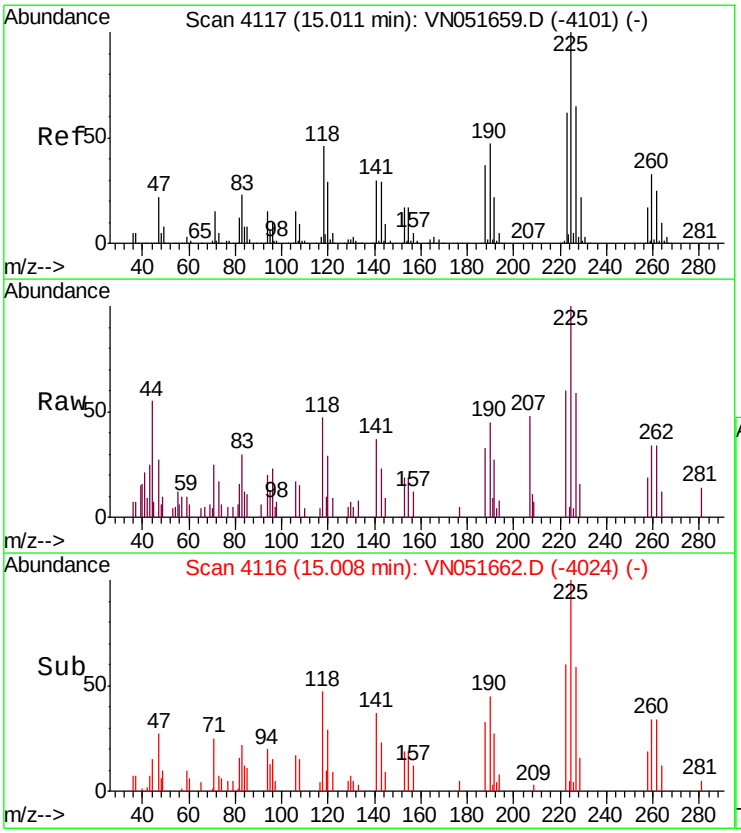
#93
1,2,4-Trichlorobenzene
Concen: 2.922 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:180 Resp: 16573

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.7	143.1
145	29.6	15.3	45.9

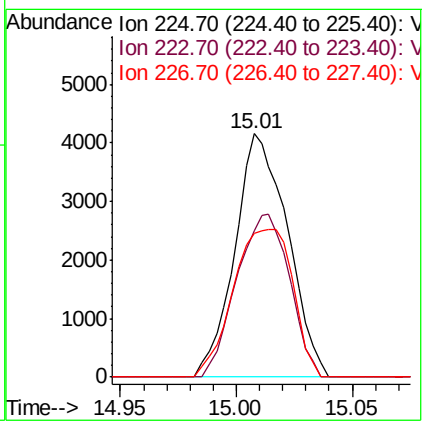


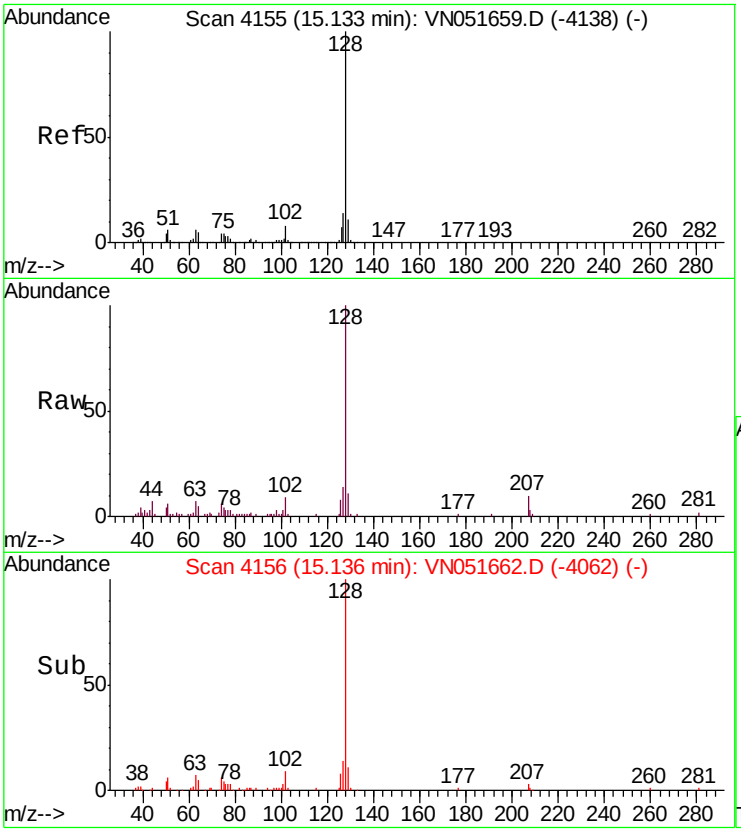


#94
Hexachlorobutadiene
Concen: 1.704 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:225 Resp: 6560

Ion	Ratio	Lower	Upper
225	100		
223	67.2	31.9	95.5
227	68.6	31.7	95.1



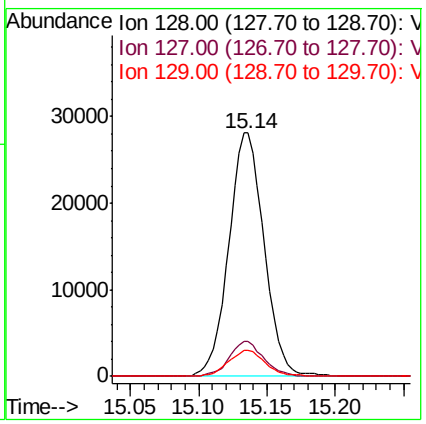


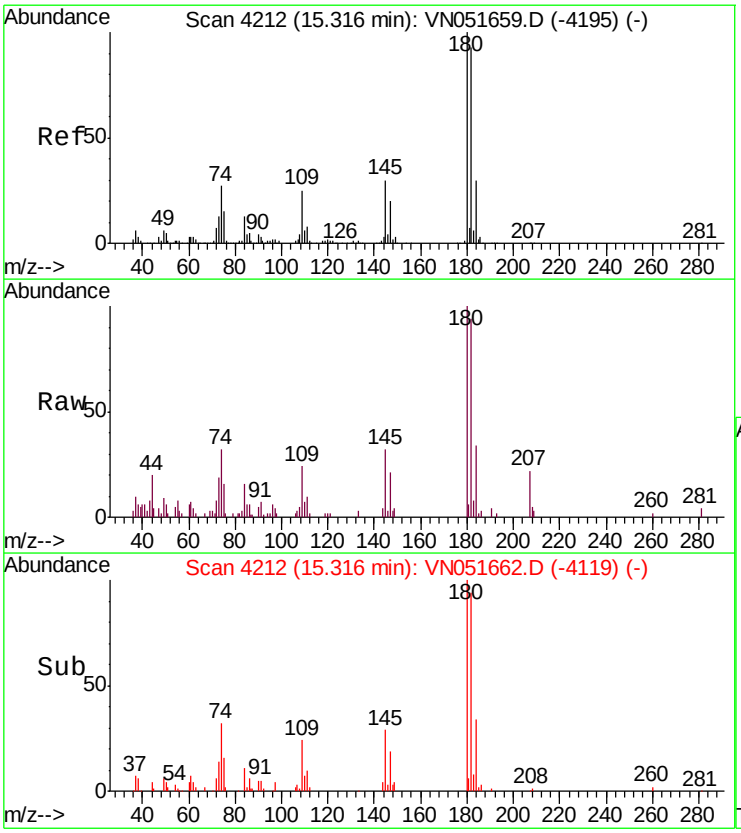
#95
Naphthalene
Concen: 4.117 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:128 Resp: 50436

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	15.8
129	11.2	9.0	13.6





#96
1,2,3-Trichlorobenzene
Concen: 3.616 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051662.D
Acq: 4 Oct 2018 12:54

Tgt Ion:180 Resp: 20204

Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.3	141.8
145	32.8	15.6	46.8