Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102419\
Data File : VN058937.D
Acq On : 23 Oct 2019 17:58
Operator : JC/SP
Sample : K5508-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S32-0666

Quant Time: Oct 24 01:15:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	310504	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	516449	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	457902	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	172572	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	249423	54.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.54%				
35) Dibromofluoromethane	7.57	113	180010	53.01	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.02%				
50) Toluene-d8	10.09	98	625674	47.47	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.94%				
62) 4-Bromofluorobenzene	12.40	95	206079	42.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.14%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	1638	0.342	ug/l		90
4) Vinyl Chloride	2.17	62	4285660	900.213	ug/l	#	74
11) Tert butyl alcohol	4.77	59	638	0.844	ug/l	#	72
12) 1,1-Dichloroethene	3.72	96	3378	1.104	ug/l		87
16) Acetone	3.80	43	3932	1.747	ug/l	#	88
17) Carbon Disulfide	4.04	76	3279	0.333	ug/l	#	75
21) trans-1,2-Dichloroethene	5.02	96	16630	4.919	ug/l		95
27) cis-1,2-Dichloroethene	6.81	96	683760	177.065	ug/l		89
31) Cyclohexane	7.65	56	7061	1.079	ug/l	#	1
36) 1,1-Dichloropropene	7.65	75	26405	4.994	ug/l	#	50
38) Carbon Tetrachloride	7.65	117	31606	5.802	ug/l	#	17
69) o-Xylene	11.95	106	2073	0.358	ug/l		92
70) Styrene	11.96	104	29	1.716	ug/l	#	1
71) Bromoform	12.40	173	706	0.259	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	111918	27.983	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.90	105	2580	0.243	ug/l		72
81) trans-1,4-Dichloro-2-buten	12.40	75	111918	72.897	ug/l	#	10
95) Naphthalene	15.13	128	699	2.293	ug/l	#	70

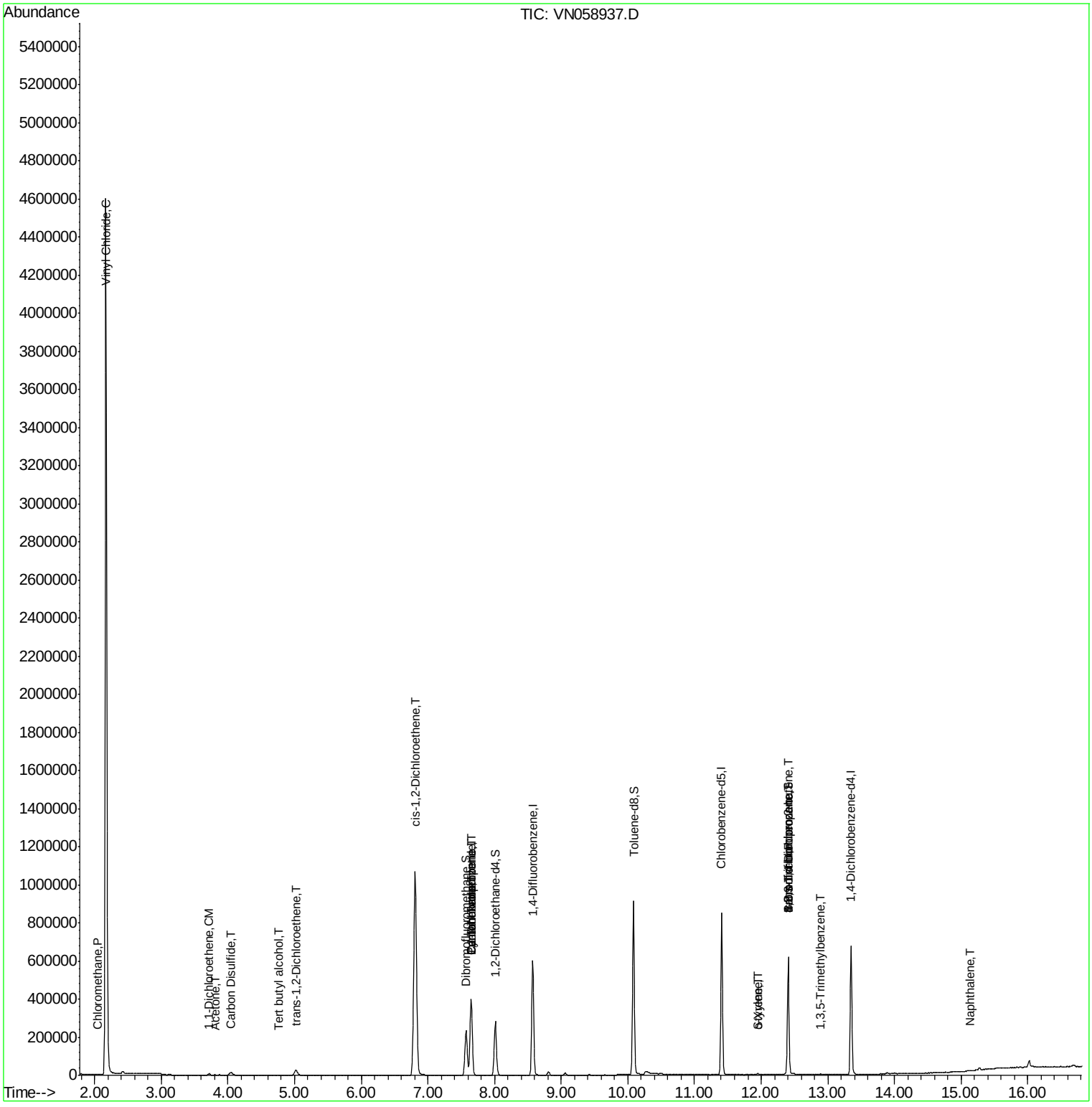
(#) = qualifier out of range (m) = manual integration (+) = signals summed

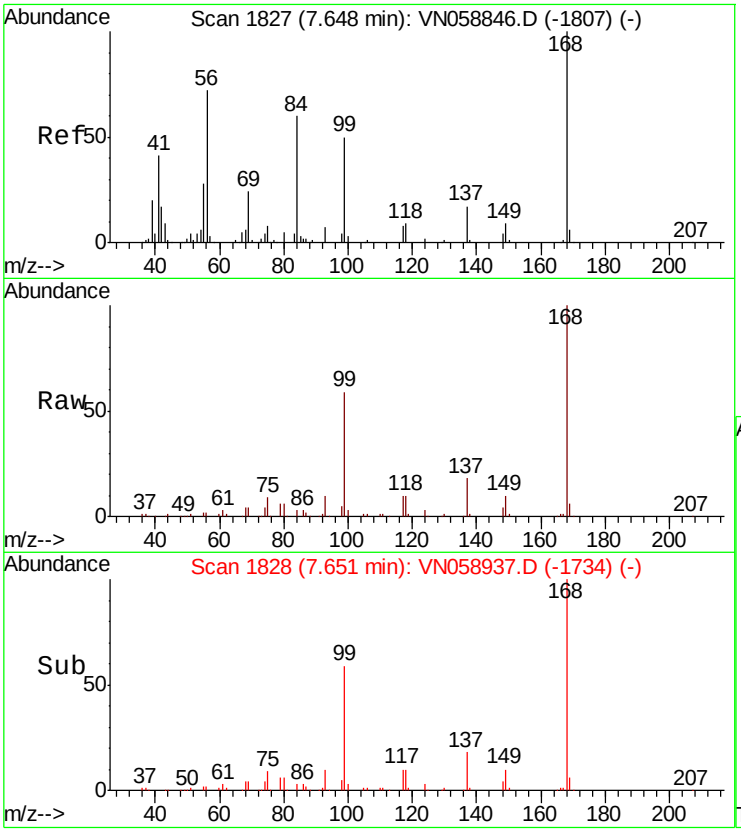
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102419\
Data File : VN058937.D
Acq On : 23 Oct 2019 17:58
Operator : JC/SP
Sample : K5508-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : S32-0666

Quant Time: Oct 24 01:15:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration



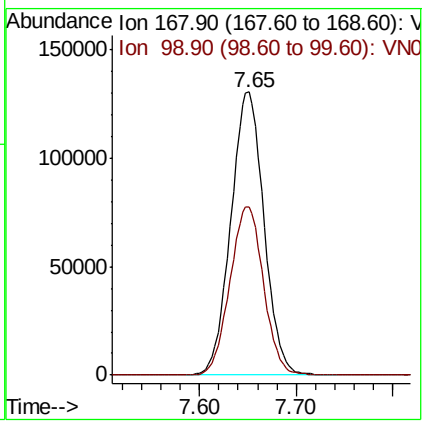


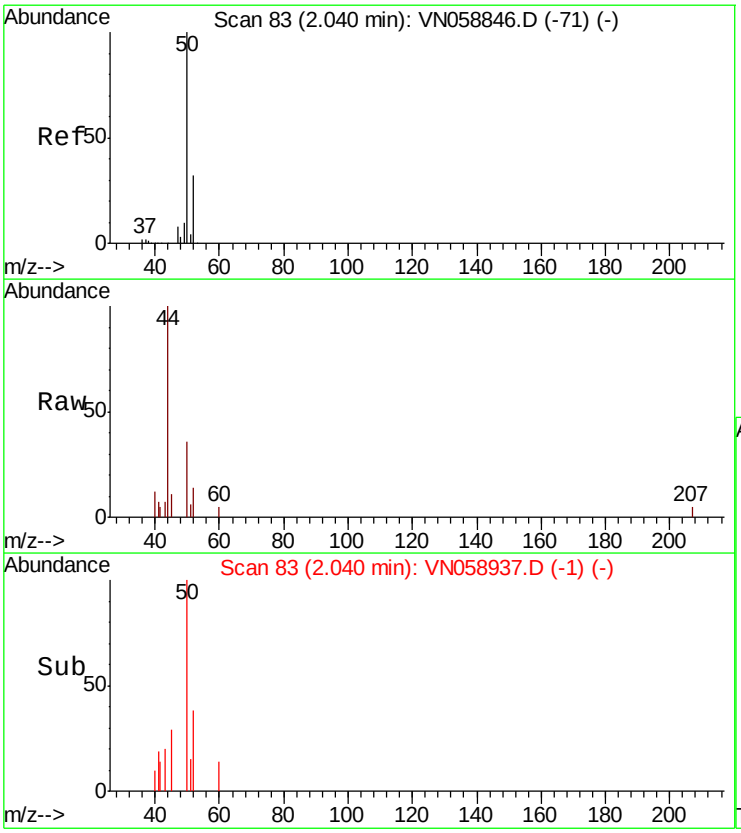
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion:168 Resp: 310504

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.1	72.1

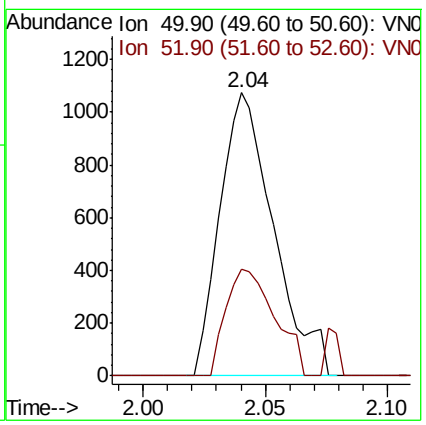


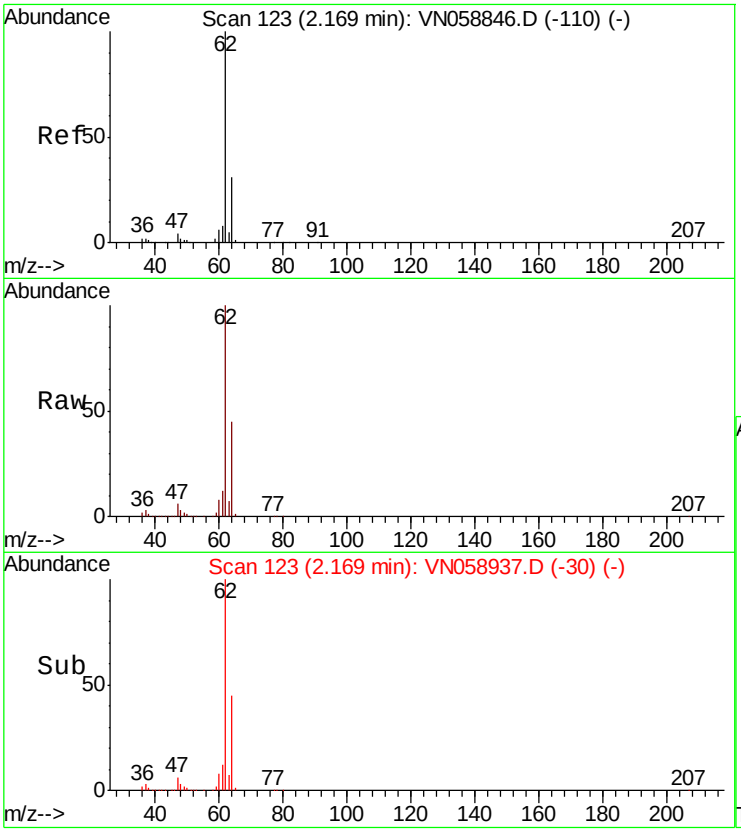


#3
Chloromethane
Concen: 0.342 ug/l
RT: 2.04 min Scan# 83
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 50 Resp: 1638

Ion	Ratio	Lower	Upper
50	100		
52	37.9	25.7	38.5



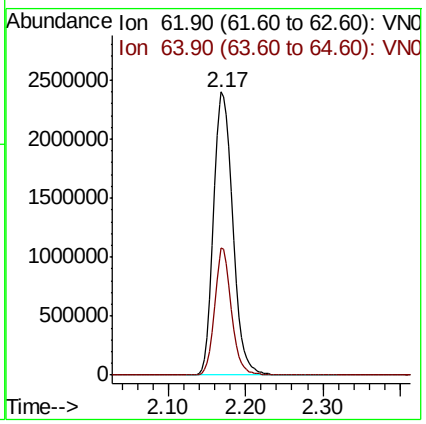


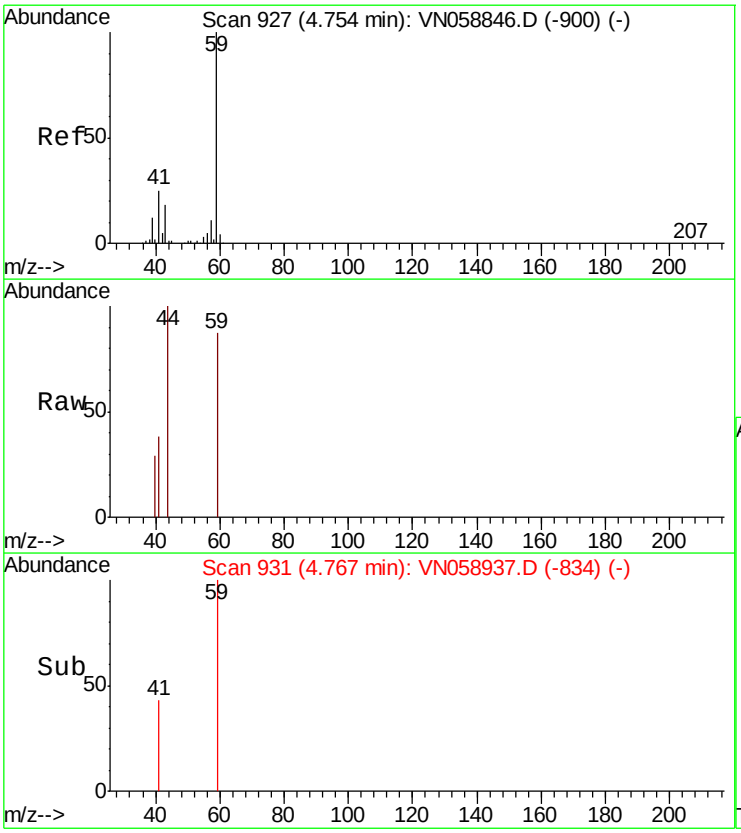
#4
Vinyl Chloride
Concen: 900.213 ug/l
RT: 2.17 min Scan# 123
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion: 62 Resp: 4285660

Ion	Ratio	Lower	Upper
62	100		
64	45.1	24.6	36.8#

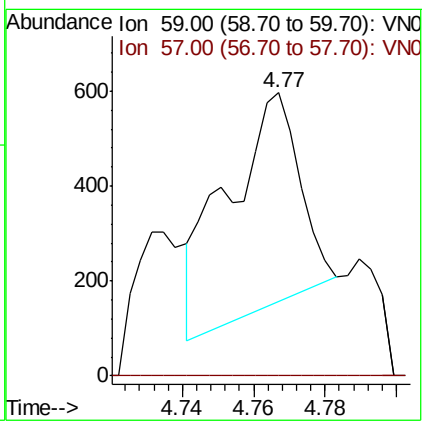


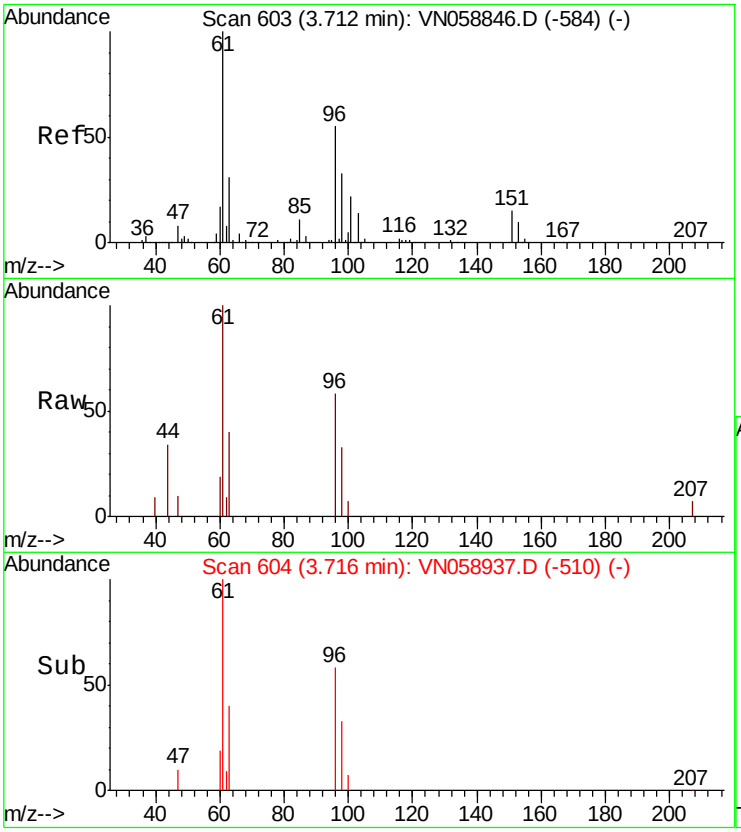


#11
Tert butyl alcohol
Concen: 0.844 ug/l
RT: 4.77 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 59 Resp: 638

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



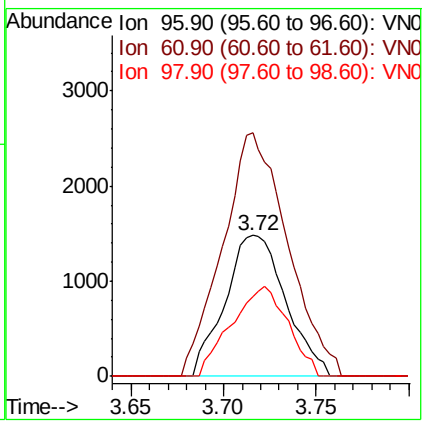


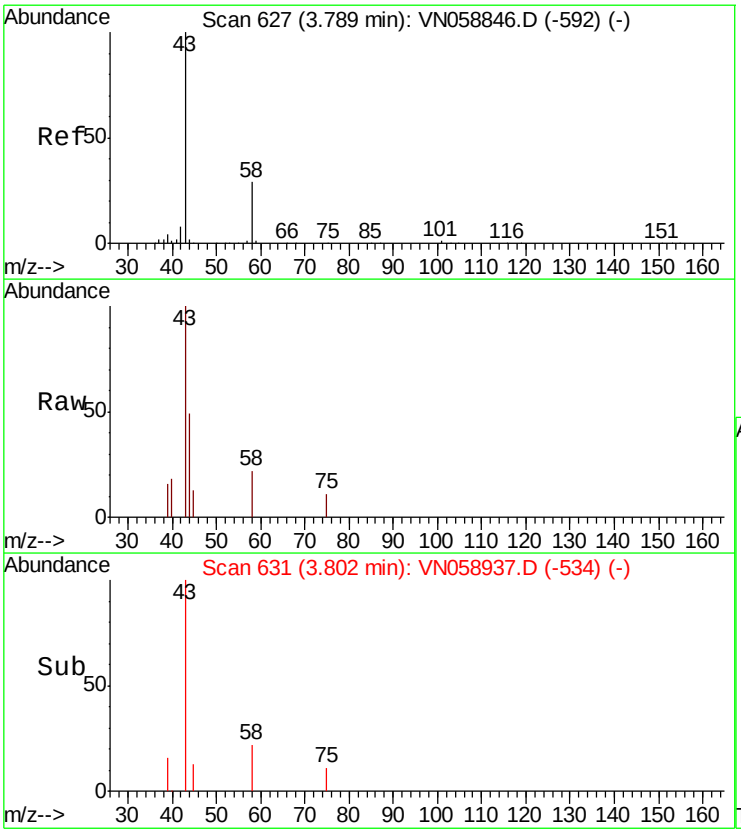
#12
1,1-Dichloroethene
Concen: 1.104 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument : MSVOA_N
ClientSampleId : S32-0666

Tgt Ion: 96 Resp: 3378

Ion	Ratio	Lower	Upper
96	100		
61	160.5	146.2	219.2
98	56.6	48.7	73.1

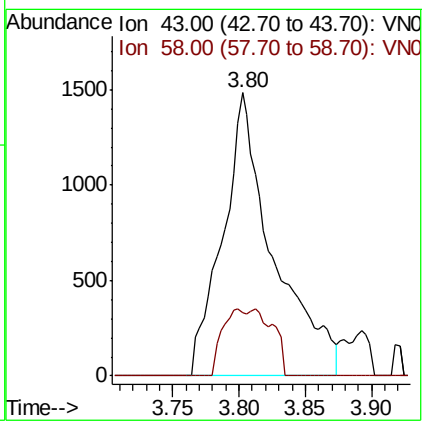


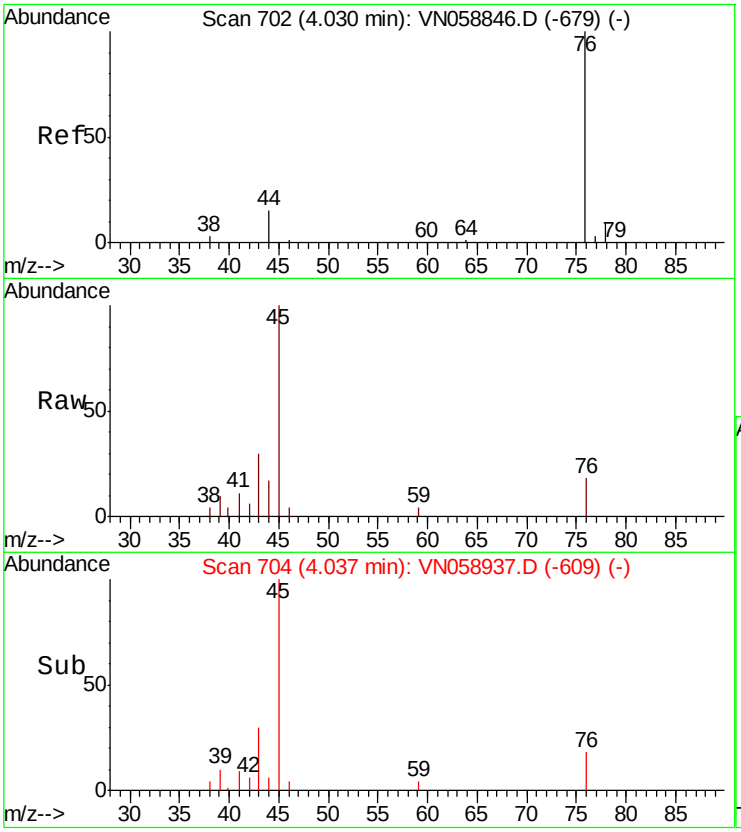


#16
Acetone
Concen: 1.747 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 43 Resp: 3932

Ion	Ratio	Lower	Upper
43	100		
58	22.3	23.1	34.7#



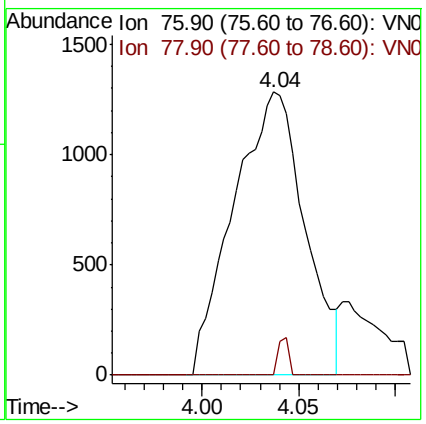


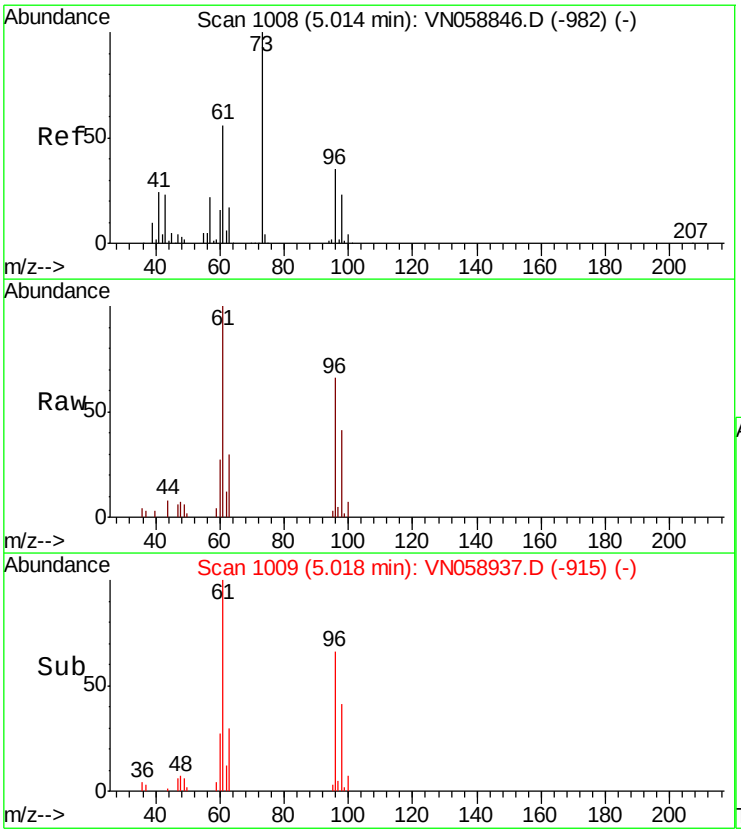
#17
Carbon Disulfide
Concen: 0.333 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.01 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion: 76 Resp: 3279

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

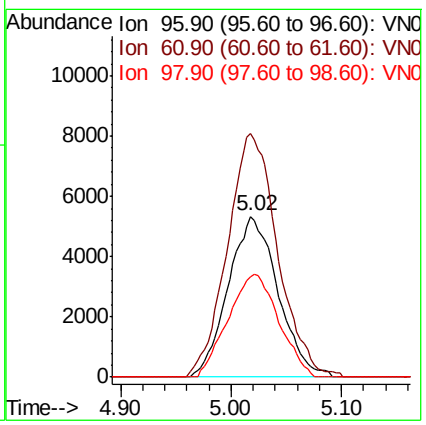


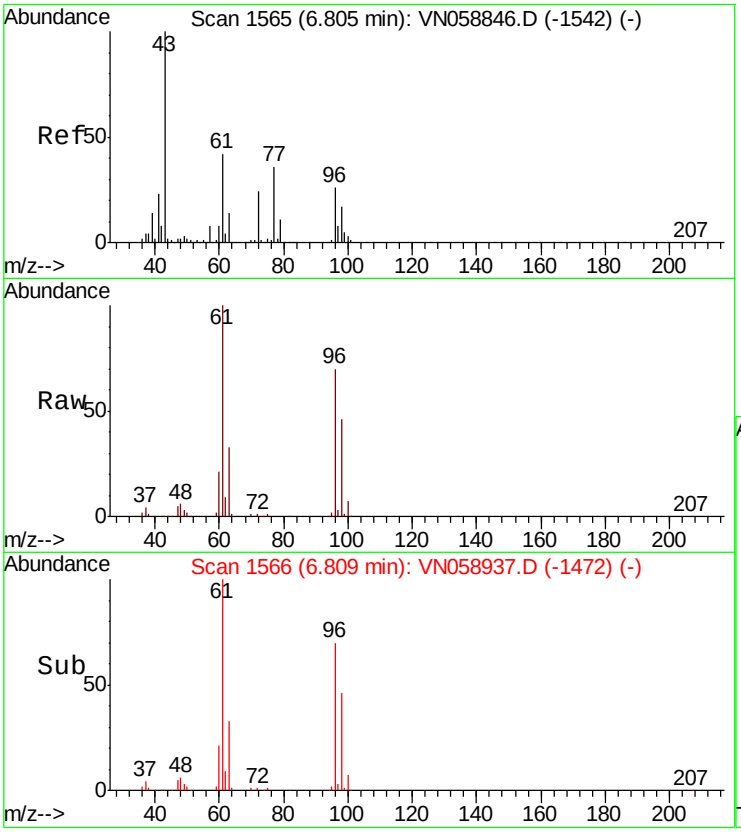


#21
trans-1,2-Dichloroethene
Concen: 4.919 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 96 Resp: 16630

Ion	Ratio	Lower	Upper
96	100		
61	151.6	126.7	190.1
98	62.4	52.0	78.0



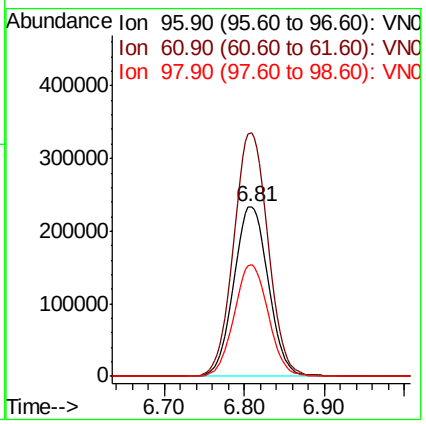


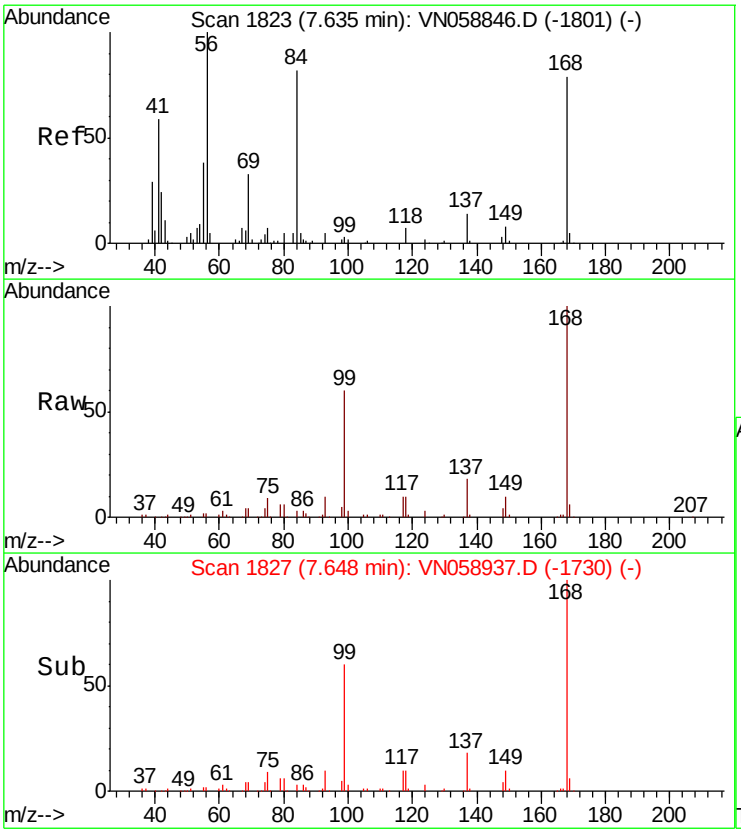
#27
cis-1,2-Dichloroethene
Concen: 177.065 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument : MSVOA_N
ClientSampleId : S32-0666

Tgt Ion: 96 Resp: 683760

Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	325.0
98	64.9	0.0	128.0

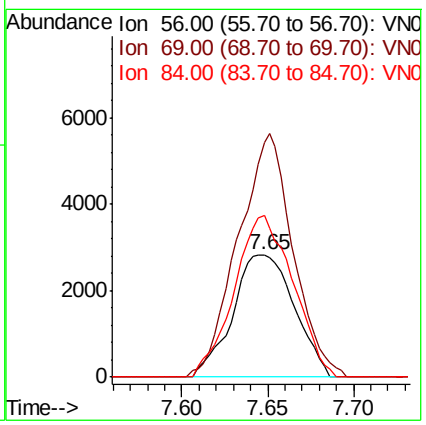


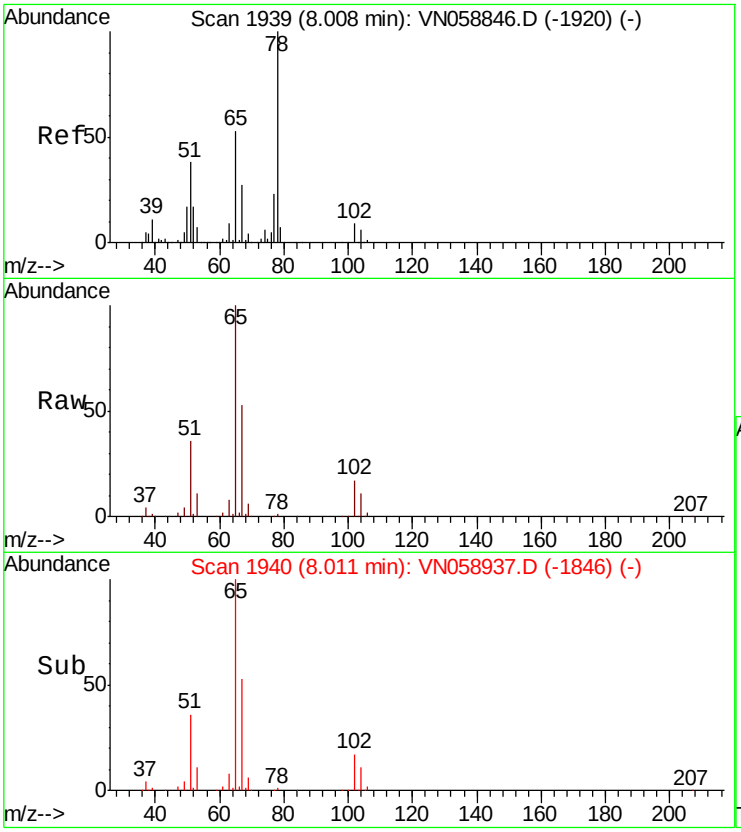


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 56 Resp: 7061

Ion	Ratio	Lower	Upper
56	100		
69	191.6	26.2	39.4#
84	131.8	65.6	98.4#



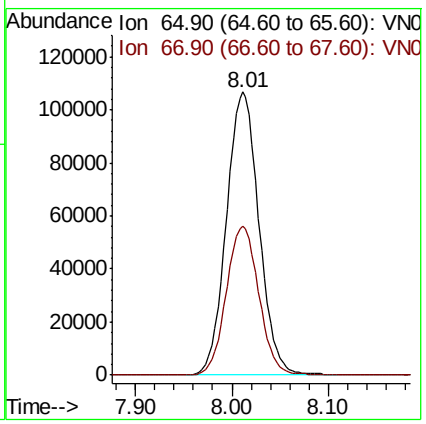


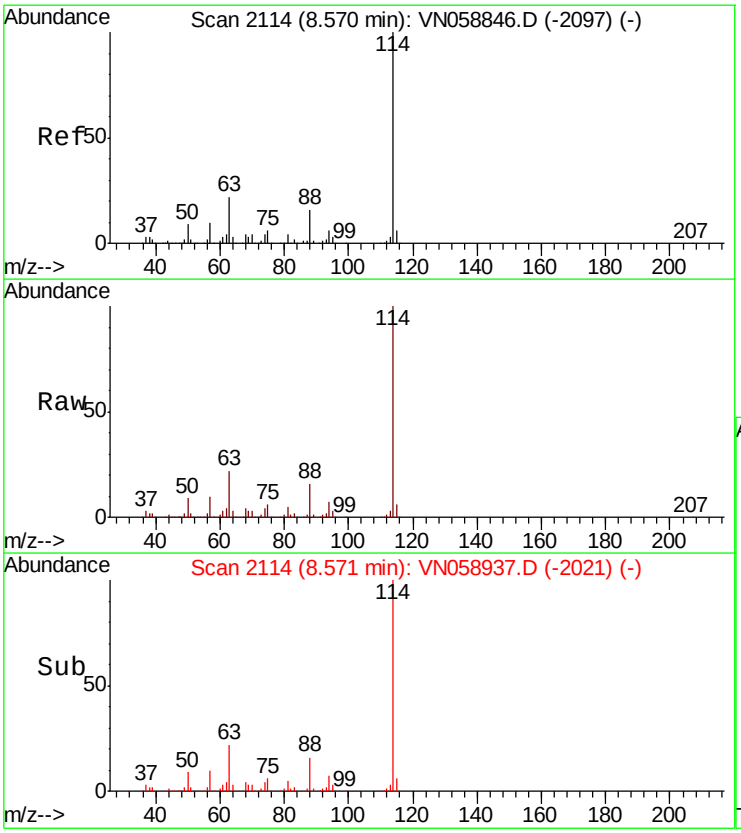
#33
1,2-Dichloroethane-d4
Concen: 54.770 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion: 65 Resp: 249423

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.2

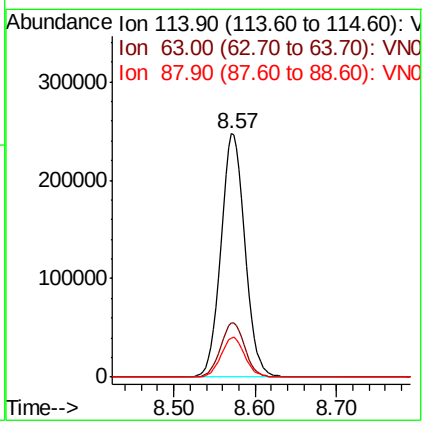


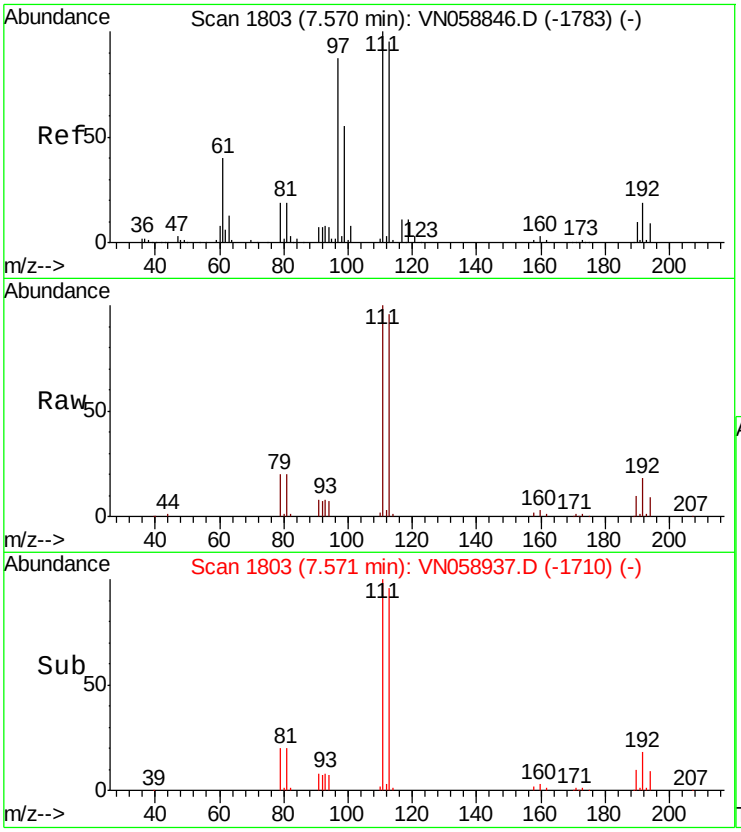


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion:114 Resp: 516449

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.4
88	16.1	0.0	31.4



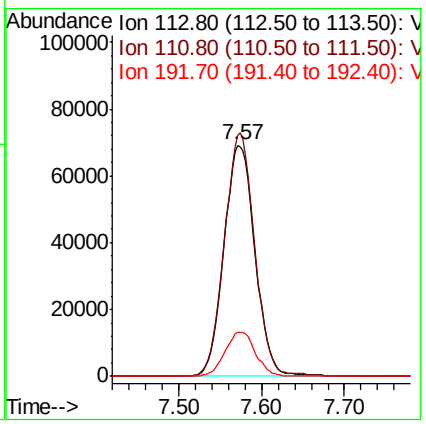


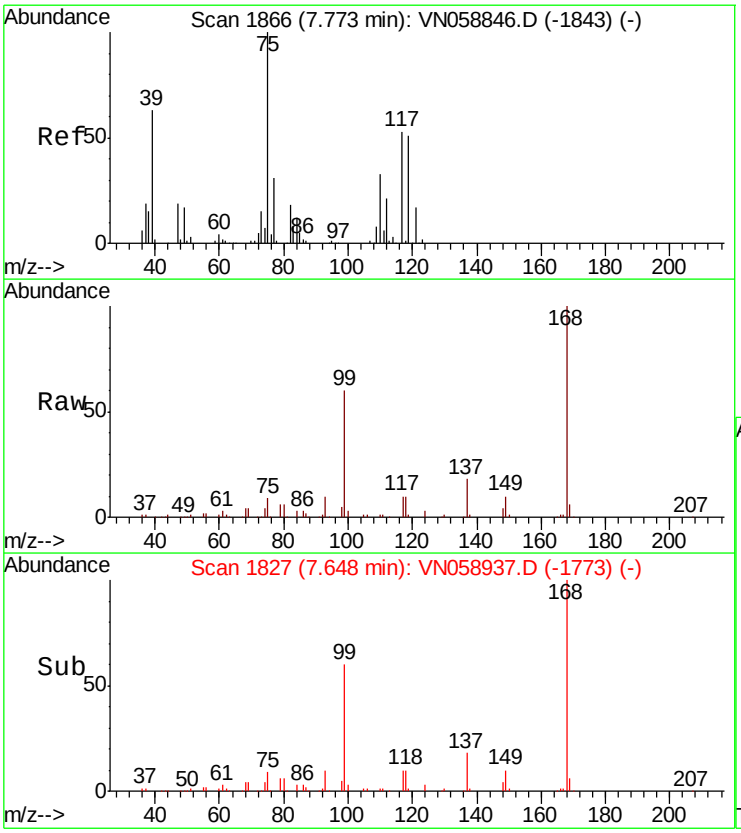
#35
Dibromofluoromethane
Concen: 53.014 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion:113 Resp: 180010

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	18.8	15.0	22.6

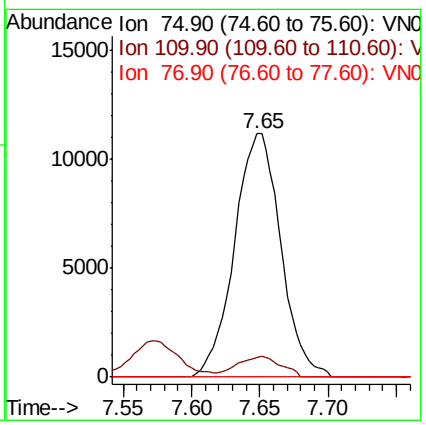


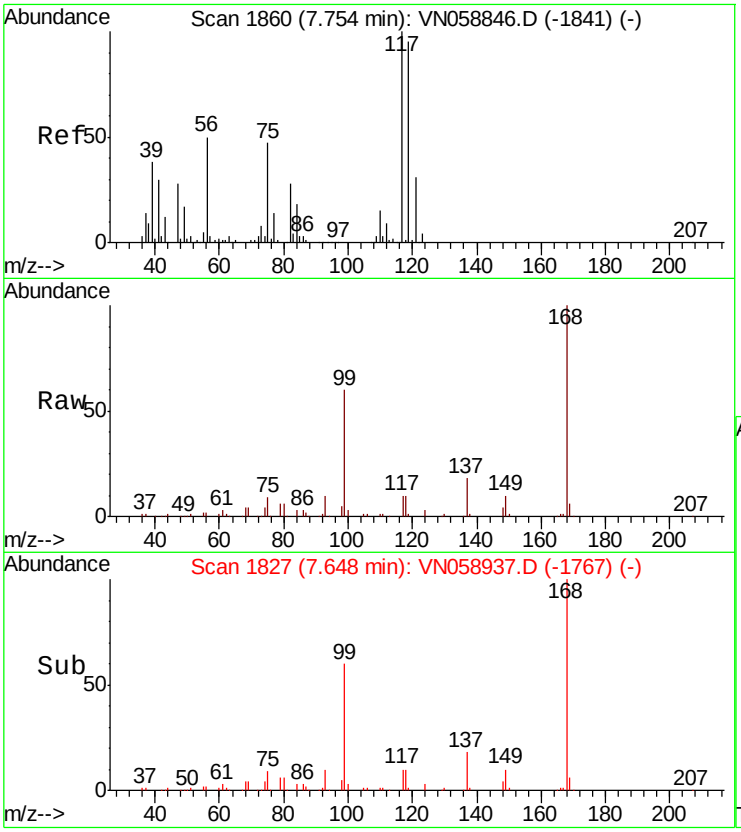


#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 75 Resp: 26405

Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.3	48.9#
77	0.0	24.6	36.8#



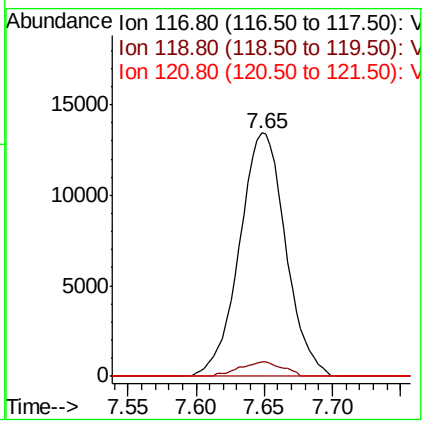


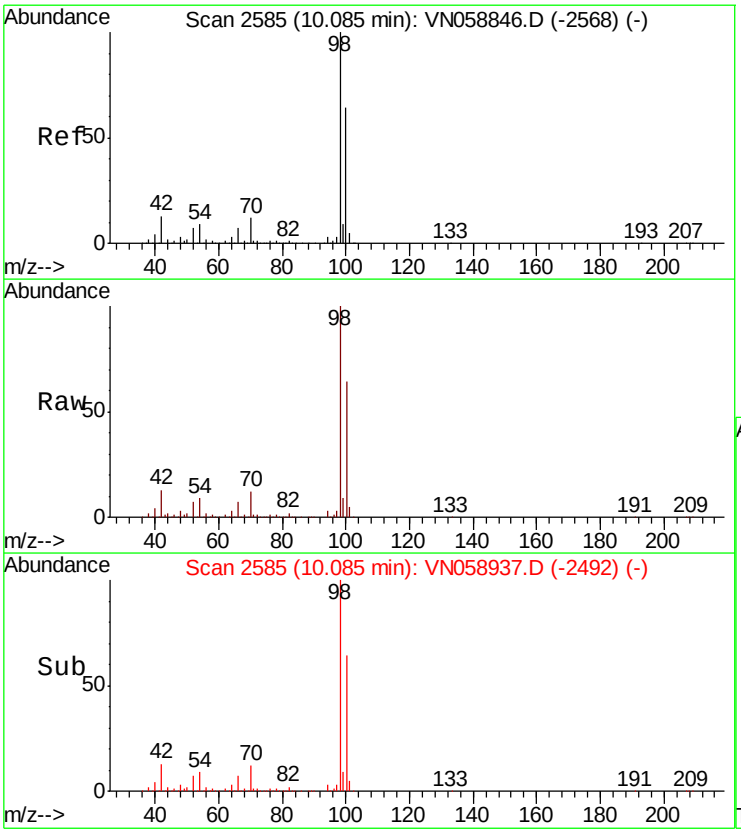
#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion:117 Resp: 31606

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.7	113.5#
121	0.0	25.0	37.6#

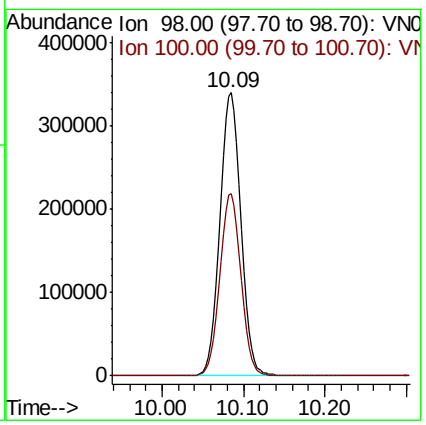


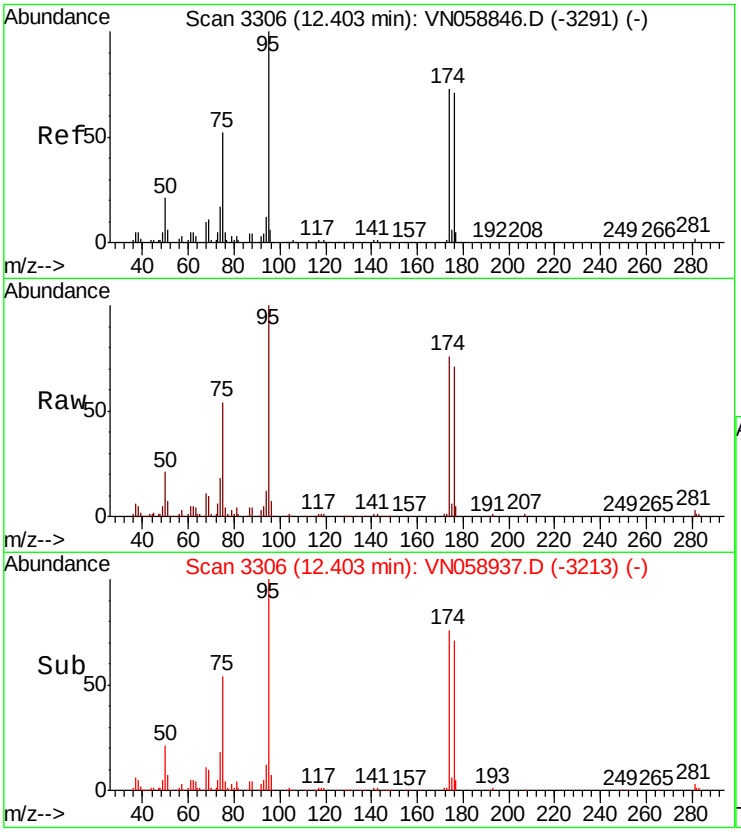


#50
Toluene-d8
Concen: 47.468 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion: 98 Resp: 625674

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2



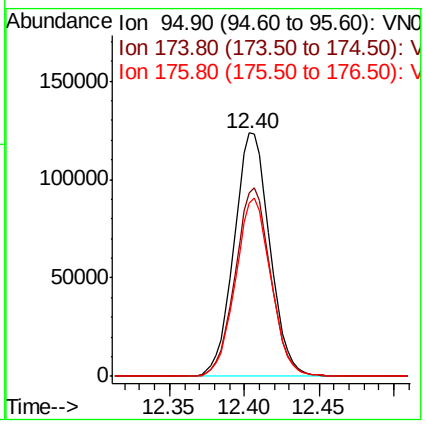


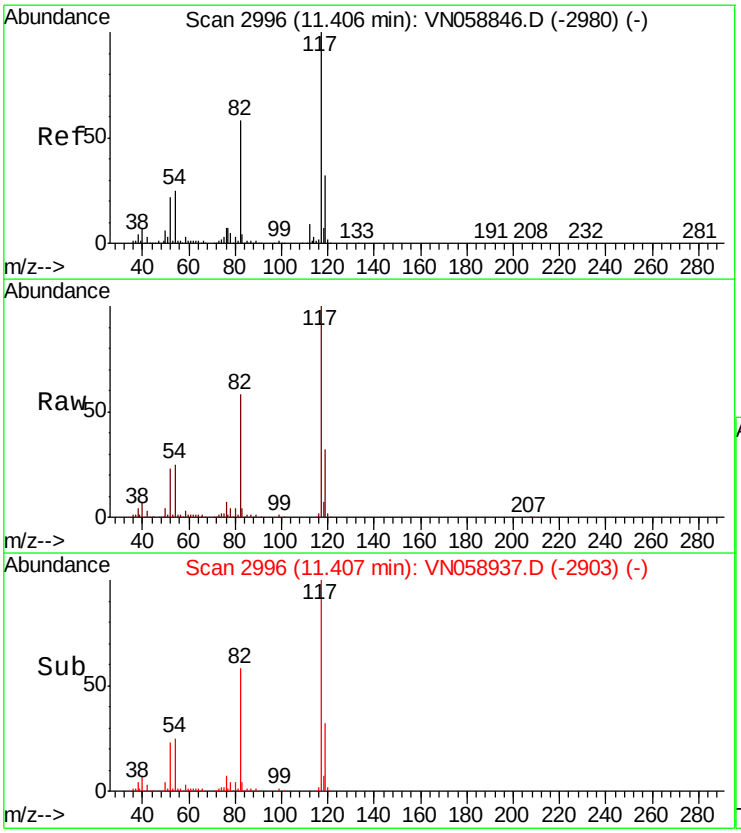
#62
4-Bromofluorobenzene
Concen: 42.575 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion: 95 Resp: 206079

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	147.6
176	72.6	0.0	143.2

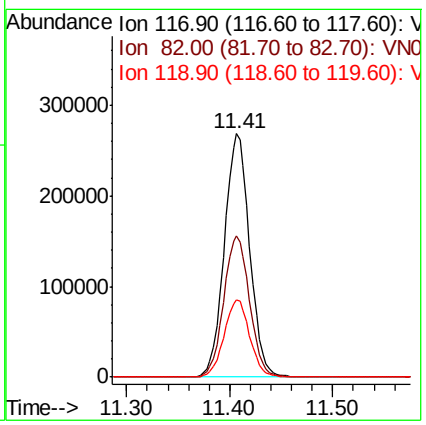


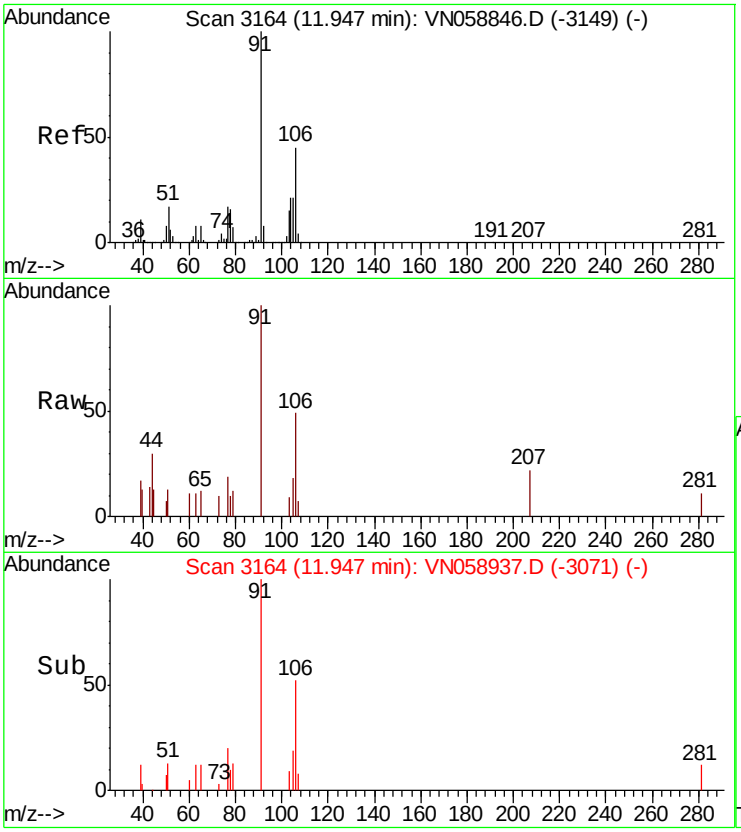


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion:117 Resp: 457902

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.6	69.8
119	32.0	25.6	38.4



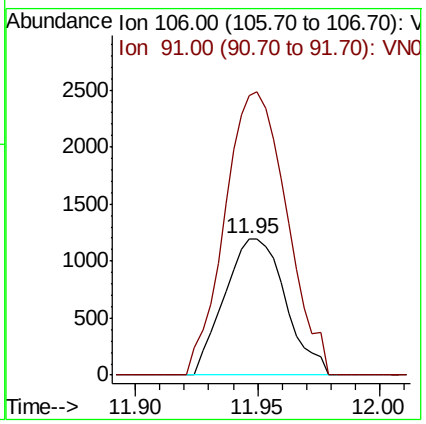


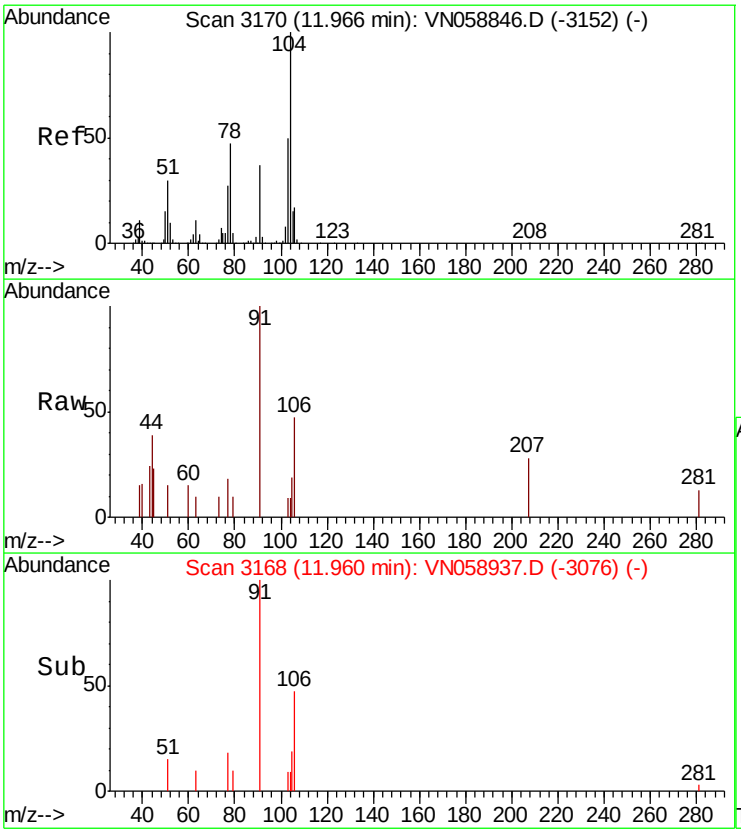
#69
o-Xylene
Concen: 0.358 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion:106 Resp: 2073

Ion	Ratio	Lower	Upper
106	100		
91	210.7	111.5	334.4

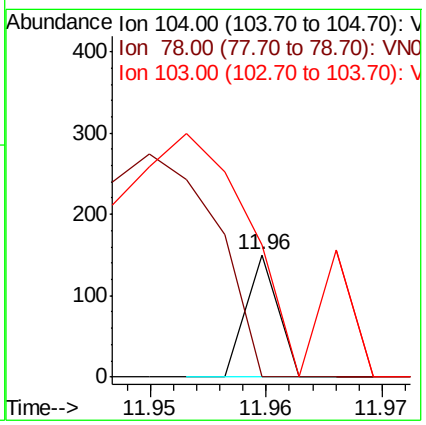


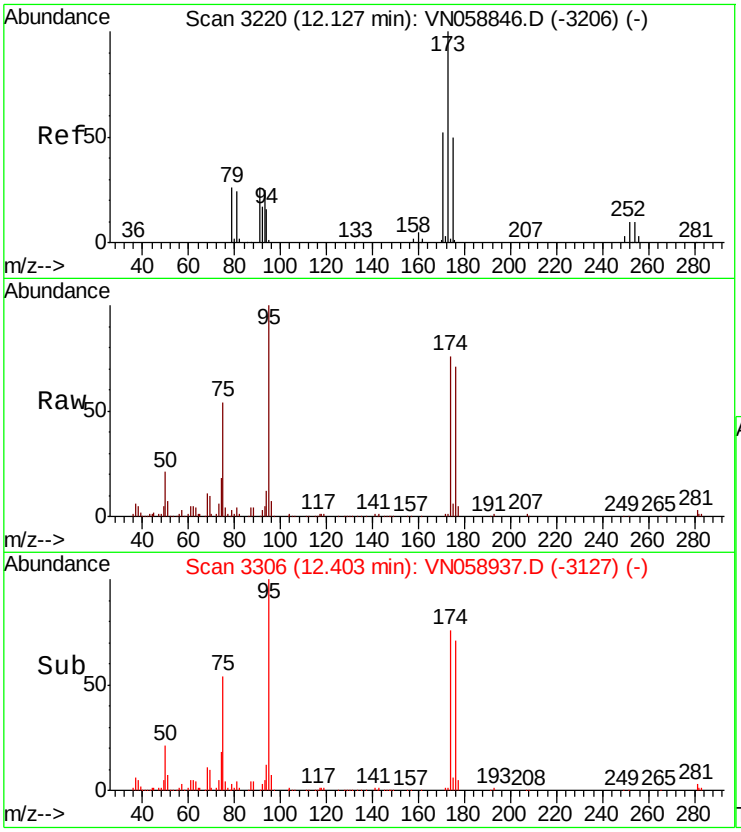


#70
Styrene
Concen: 1.716 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion:104 Resp: 29

Ion	Ratio	Lower	Upper
104	100		
78	748.3	42.8	64.2#
103	1162.1	44.3	66.5#



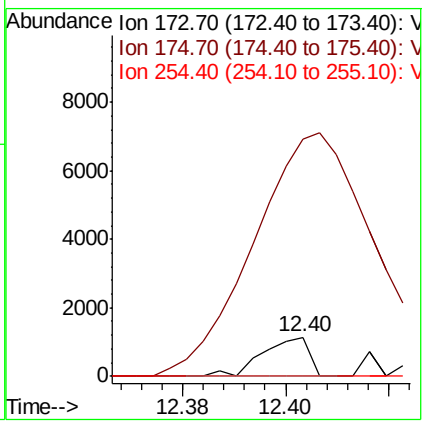


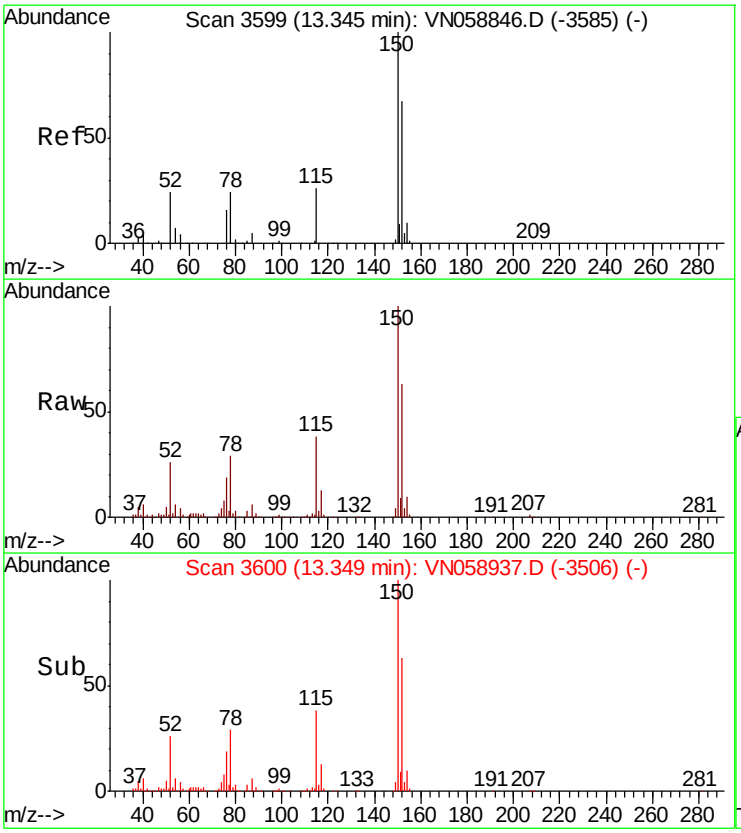
#71
Bromoform
Concen: 0.259 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument : MSVOA_N
ClientSampleId : S32-0666

Tgt Ion:173 Resp: 706

Ion	Ratio	Lower	Upper
173	100		
175	1290.1	24.7	74.1#
254	0.0	0.0	0.0

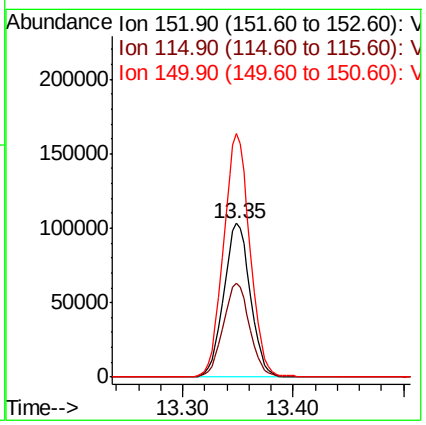


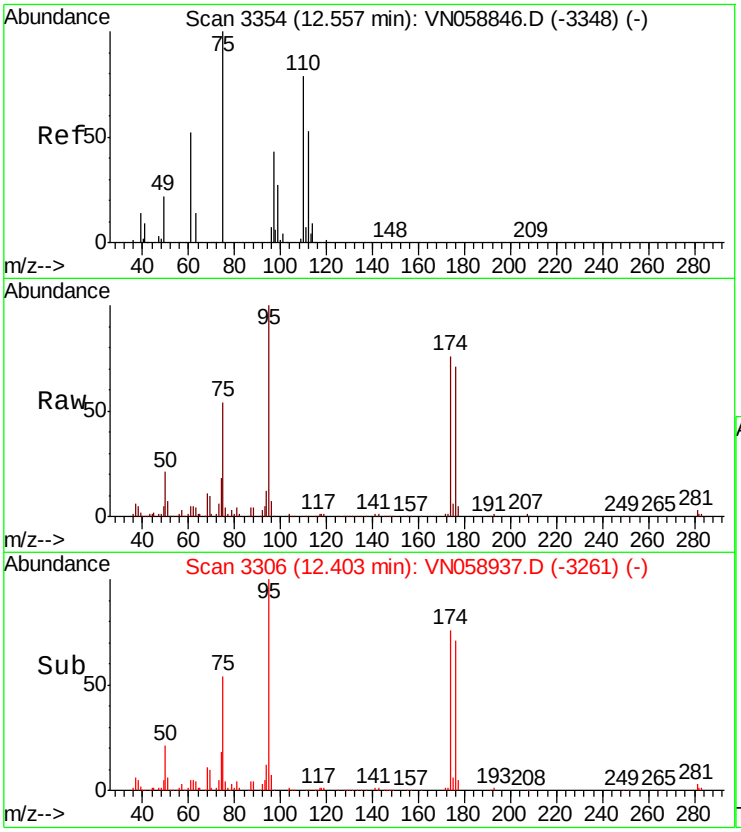


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion:152 Resp: 172572

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.5	91.5
150	156.7	0.0	344.4



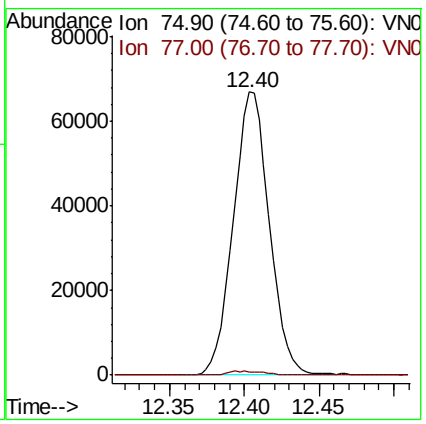


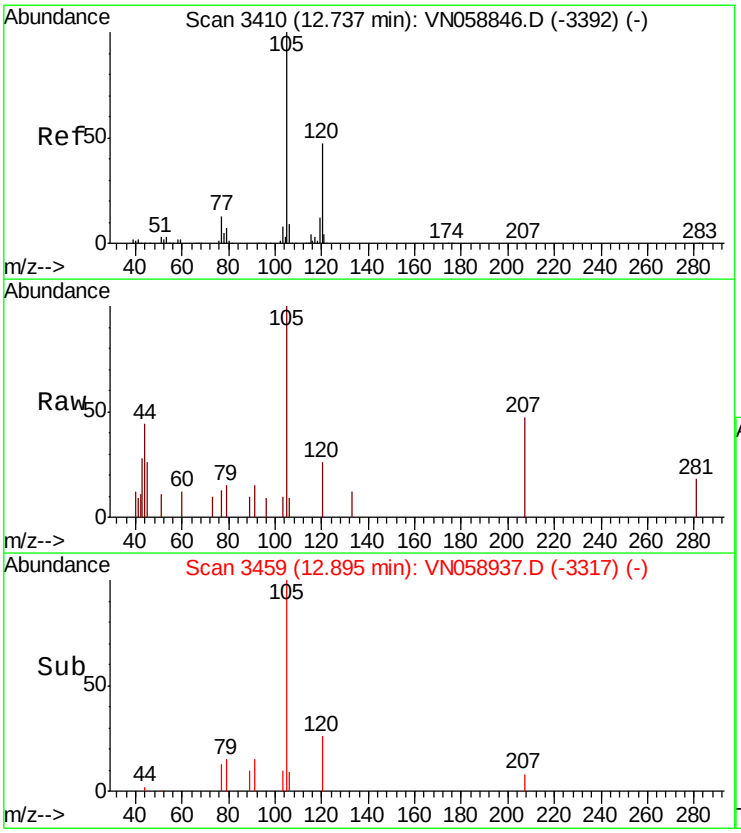
#76
1,2,3-Trichloropropane
Concen: 27.983 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion: 75 Resp: 111918

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

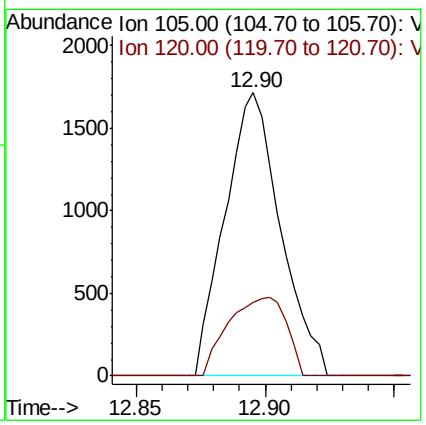


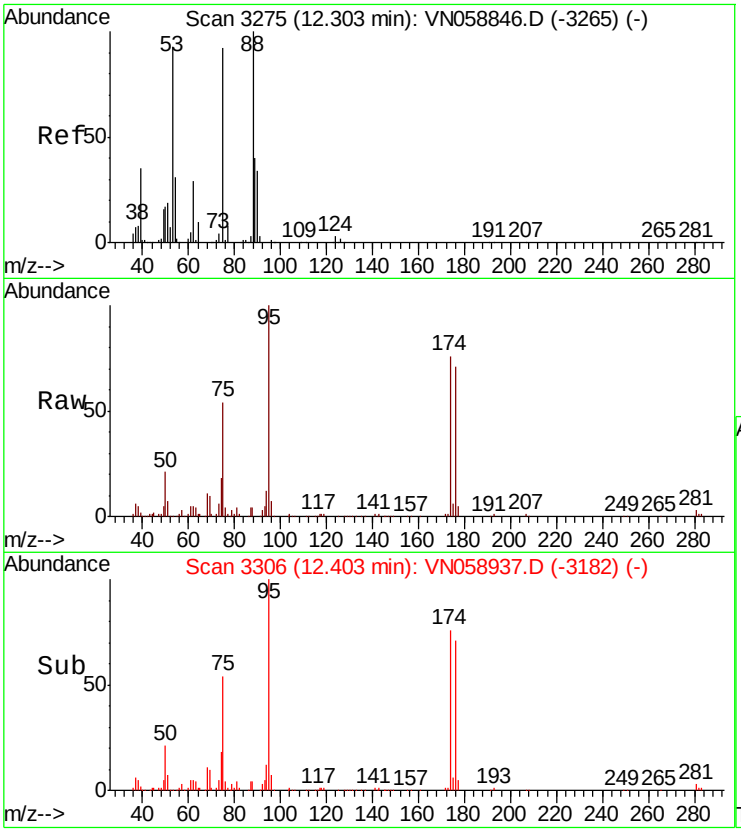


#80
1,3,5-Trimethylbenzene
Concen: 0.243 ug/l
RT: 12.90 min Scan# 3459
Delta R.T. 0.16 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion:105 Resp: 2580

Ion	Ratio	Lower	Upper
105	100		
120	29.1	23.8	71.5



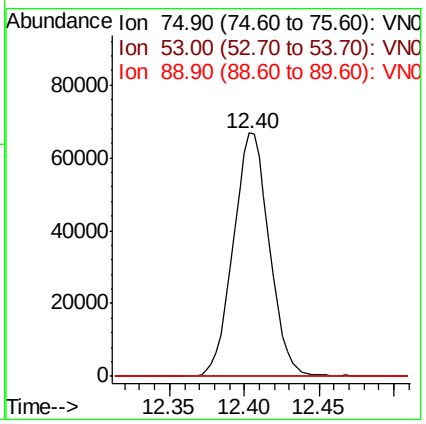


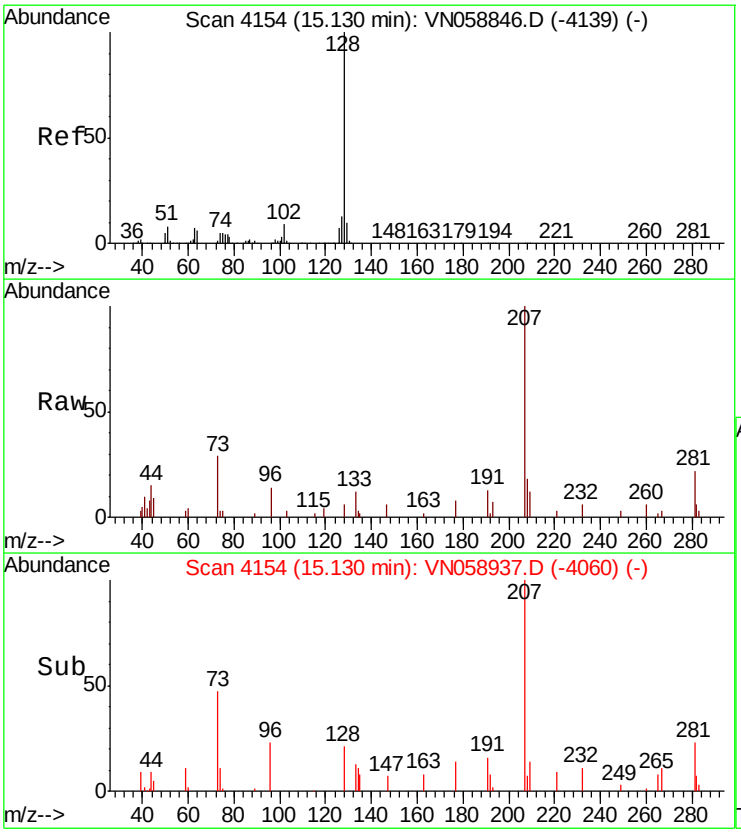
#81
trans-1,4-Dichloro-2-butene
Concen: 72.897 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Instrument :
MSVOA_N
ClientSampleId :
S32-0666

Tgt Ion: 75 Resp: 111918

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.6	118.0#
89	0.0	35.4	53.0#





#95
Naphthalene
Concen: 2.293 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN058937.D
Acq: 23 Oct 2019 17:58

Tgt Ion:128 Resp: 699

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.4	12.6#