Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058377.D
Acq On : 26 Sep 2019 12:01
Operator : JC/SP
Sample : PB123388TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Quant Time: Sep 27 02:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	451025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	732757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	642865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	322909	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.80%			
35) Dibromofluoromethane	7.57	113	225692	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.34%			
50) Toluene-d8	10.08	98	923262	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.40%			
62) 4-Bromofluorobenzene	12.41	95	296732	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.06%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	505	Below Cal	#	88
4) Vinyl Chloride	2.43	62	65	Below Cal	#	1
5) Bromomethane	2.55	94	279	0.889 ug/l	#	68
6) Chloroethane	2.68	64	32	Below Cal	#	44
11) Tert butyl alcohol	4.74	59	161	0.215 ug/l	#	71
16) Acetone	3.80	43	11861	5.562 ug/l		95
17) Carbon Disulfide	4.02	76	1068	0.544 ug/l	#	74
18) Methyl Acetate	4.32	43	5295	0.944 ug/l	#	77
20) Methylene Chloride	4.54	84	39256	10.339 ug/l		94
25) 2-Butanone	6.83	43	829	0.285 ug/l	#	51
29) Tetrahydrofuran	7.18	42	543	0.303 ug/l	#	35
31) Cyclohexane	7.64	56	11794	Below Cal	#	26
36) 1,1-Dichloropropene	7.65	75	38016	7.194 ug/l	#	52
38) Carbon Tetrachloride	7.65	117	46291	8.715 ug/l	#	15
41) Methacrylonitrile	7.18	41	58	0.932 ug/l	#	100
43) Isopropyl Acetate	8.15	43	108568	10.600 ug/l	#	91
45) 1,2-Dichloropropane	9.26	63	2300	0.477 ug/l	#	45
48) Methyl methacrylate	9.17	41	6407	1.378 ug/l	#	14
49) 1,4-Dioxane	9.19	88	65	0.851 ug/l	#	1
51) 4-Methyl-2-Pentanone	9.98	43	8519	1.566 ug/l		90
54) cis-1,3-Dichloropropene	9.90	75	45583	6.565 ug/l	#	67
57) 1,3-Dichloropropane	10.76	76	7236	0.938 ug/l	#	43
59) 2-Hexanone	10.76	43	123179	30.488 ug/l	#	55
71) Bromoform	12.41	173	1736	4.125 ug/l	#	1
74) N-amyl acetate	12.06	43	3668	0.542 ug/l	#	45
76) 1,2,3-Trichloropropane	12.41	75	165110	35.688 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.74	105	15746	1.151 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.41	75	165110	99.718 ug/l	#	5
89) n-Butylbenzene	13.63	91	3219	0.239 ug/l		89
93) 1,2,4-Trichlorobenzene	14.92	180	3822	0.802 ug/l		93
95) Naphthalene	15.14	128	15902	1.288 ug/l		99
96) 1,2,3-Trichlorobenzene	15.31	180	4368	0.970 ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058377.D
Acq On : 26 Sep 2019 12:01
Operator : JC/SP
Sample : PB123388TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Quant Time: Sep 27 02:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
Data File : VN058377.D
Acq On : 26 Sep 2019 12:01
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Sample : PB123388TB
Misc : 5.00mL/MSVOA_N/WATER
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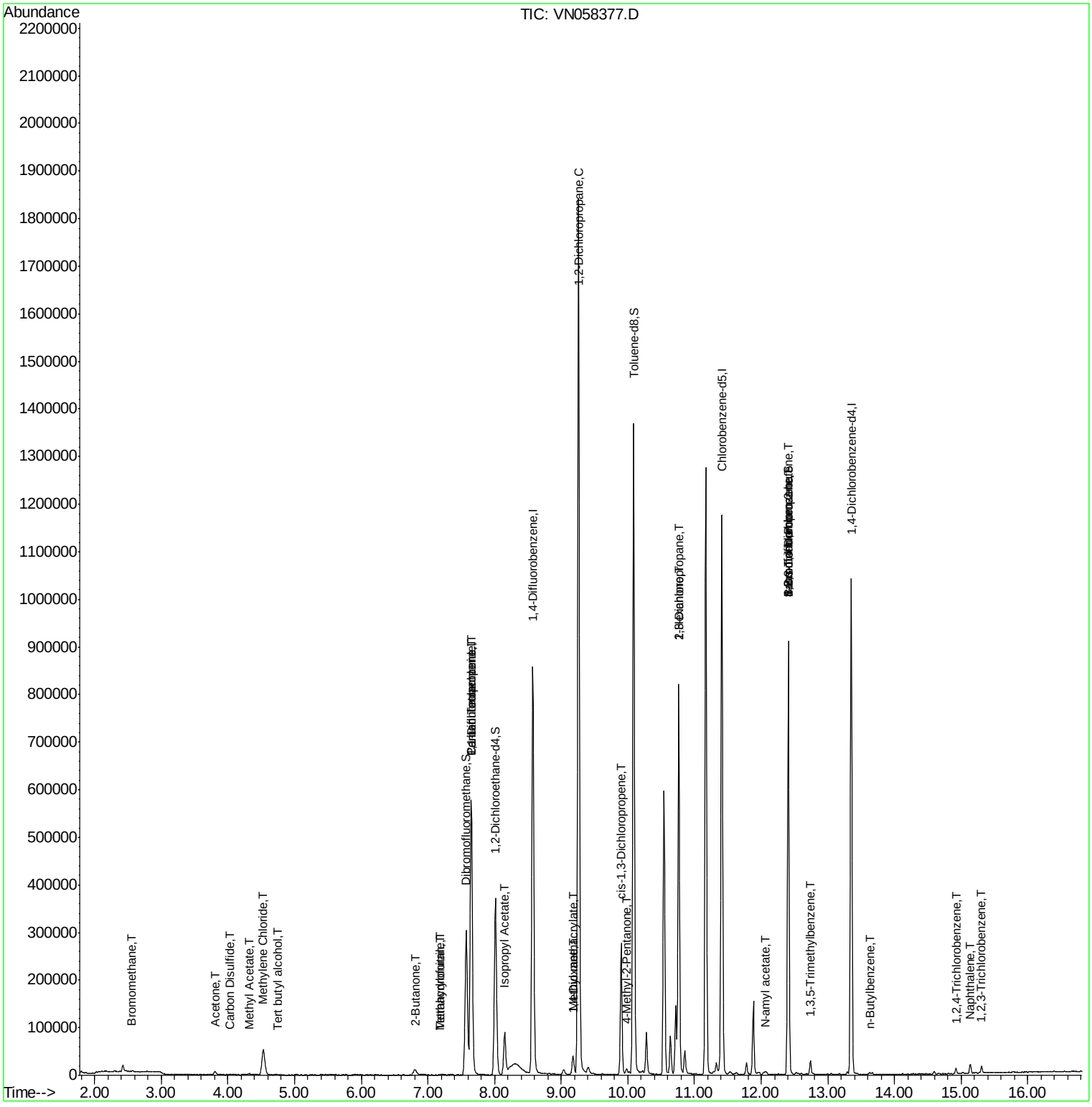
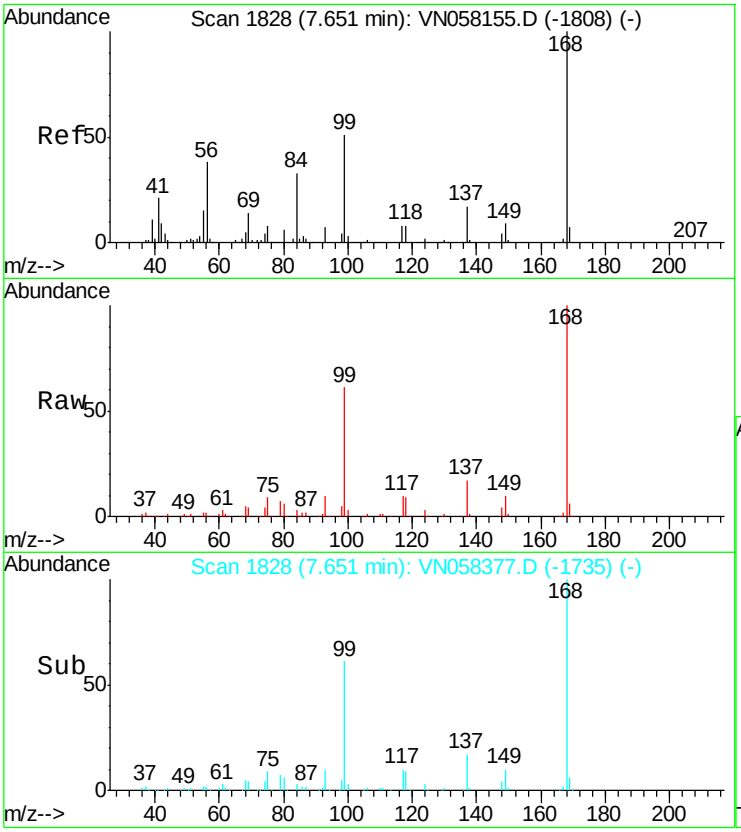
PB123388TB

Quant Time: Sep 27 02:33:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration



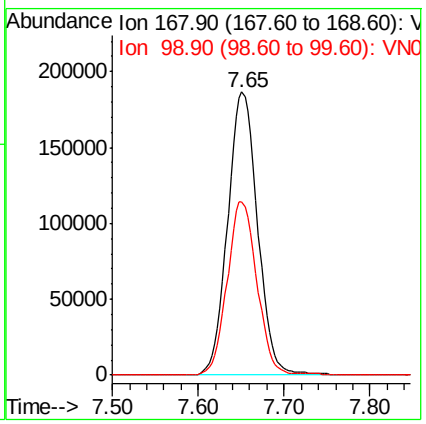


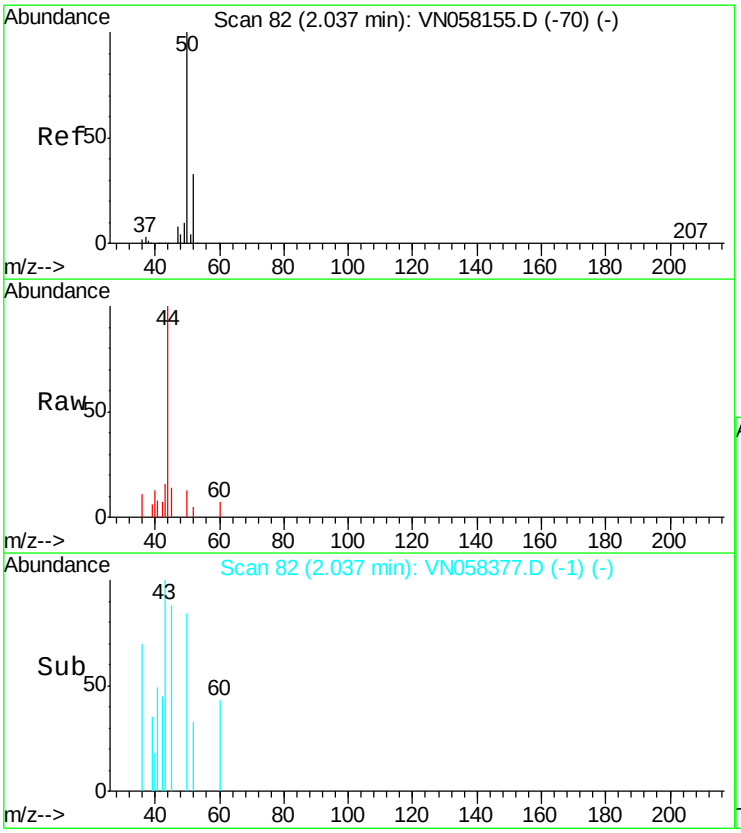
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion:168 Resp: 451025

Ion	Ratio	Lower	Upper
168	100		
99	61.4	47.4	71.2

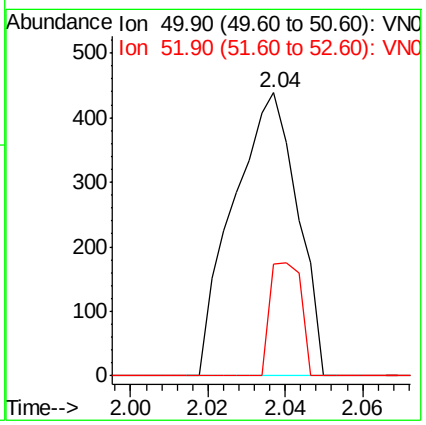


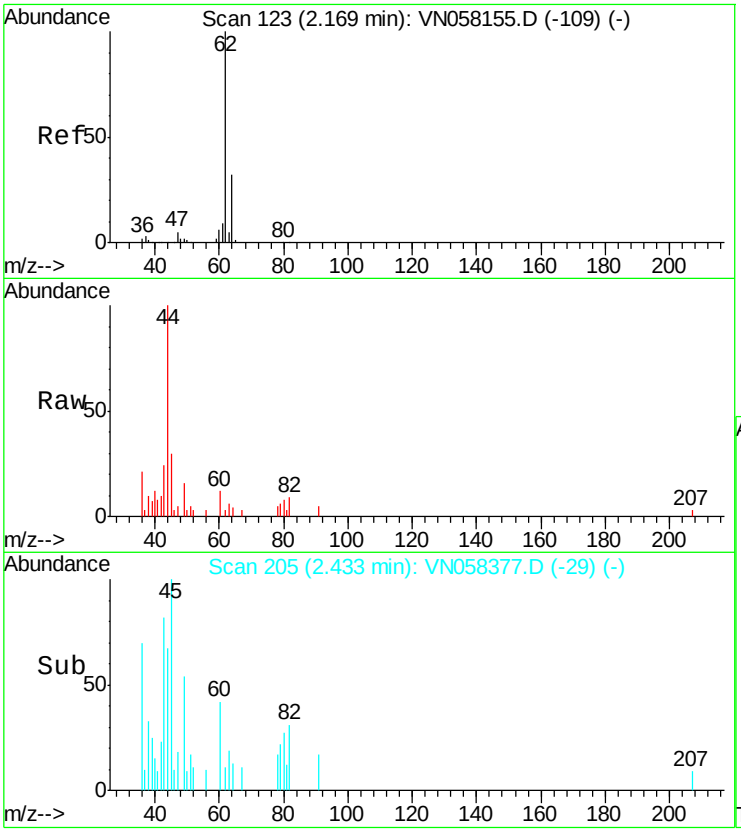


#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 50 Resp: 505

Ion	Ratio	Lower	Upper
50	100		
52	39.5	26.3	39.5#



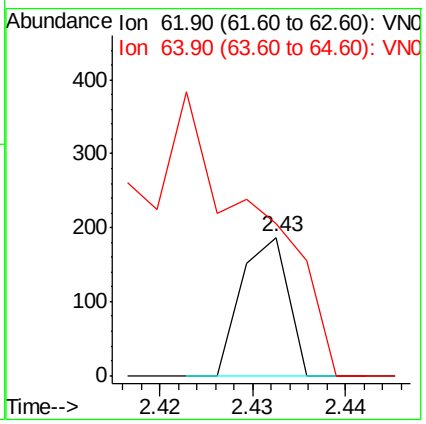


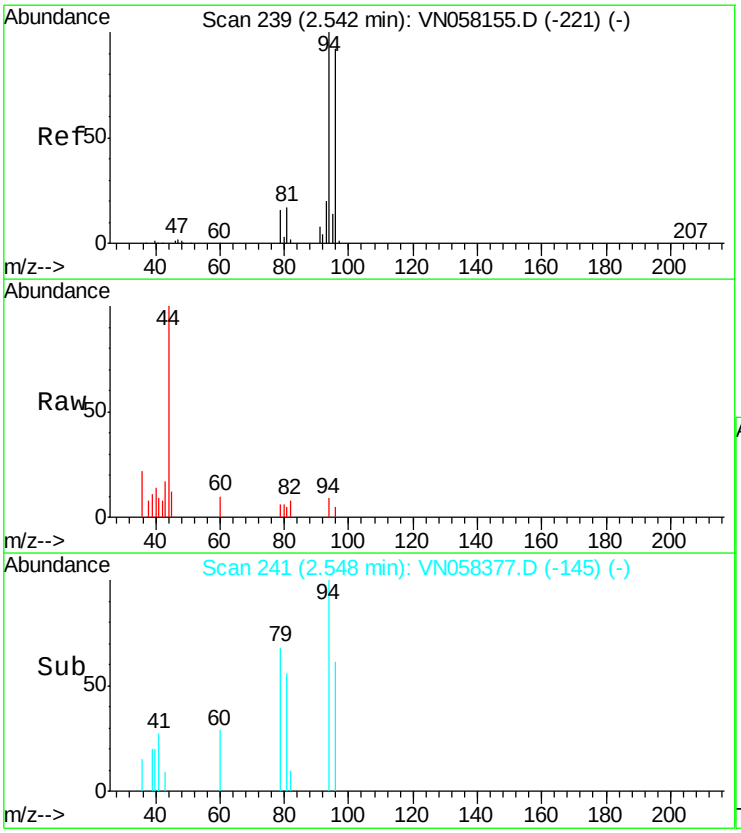
#4
Vinyl Chloride
Concen: Below Cal
RT: 2.43 min Scan# 205
Delta R.T. 0.26 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 62 Resp: 65

Ion	Ratio	Lower	Upper
62	100		
64	110.2	25.4	38.2#

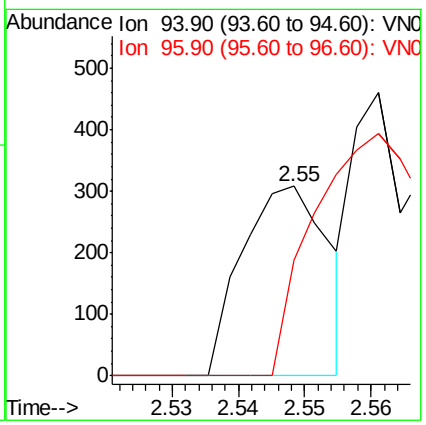


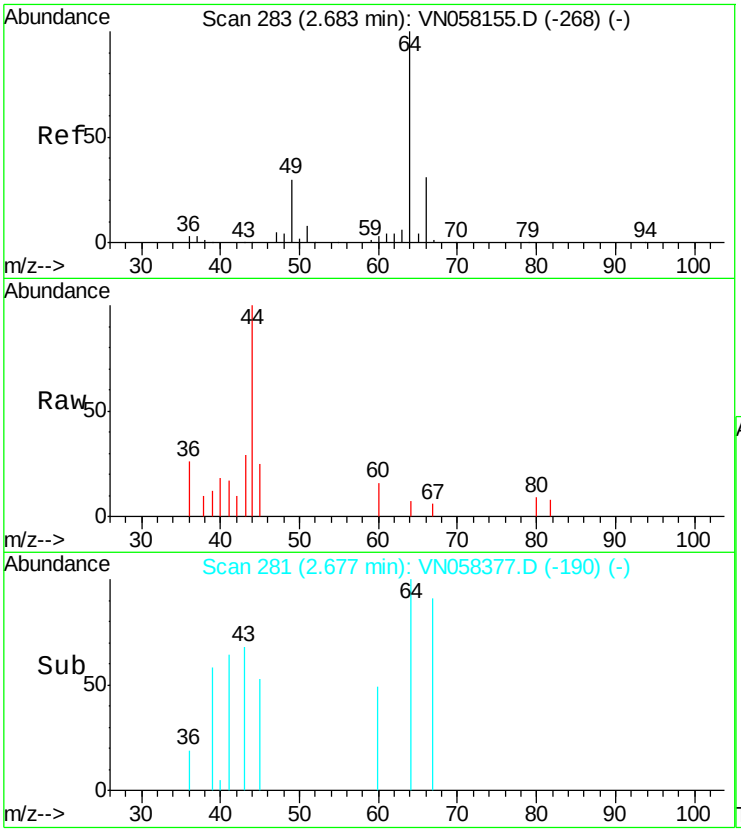


#5
Bromomethane
Concen: 0.889 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 94 Resp: 279

Ion	Ratio	Lower	Upper
94	100		
96	61.0	73.3	109.9#



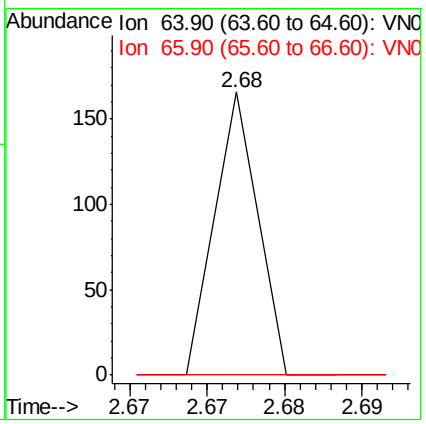


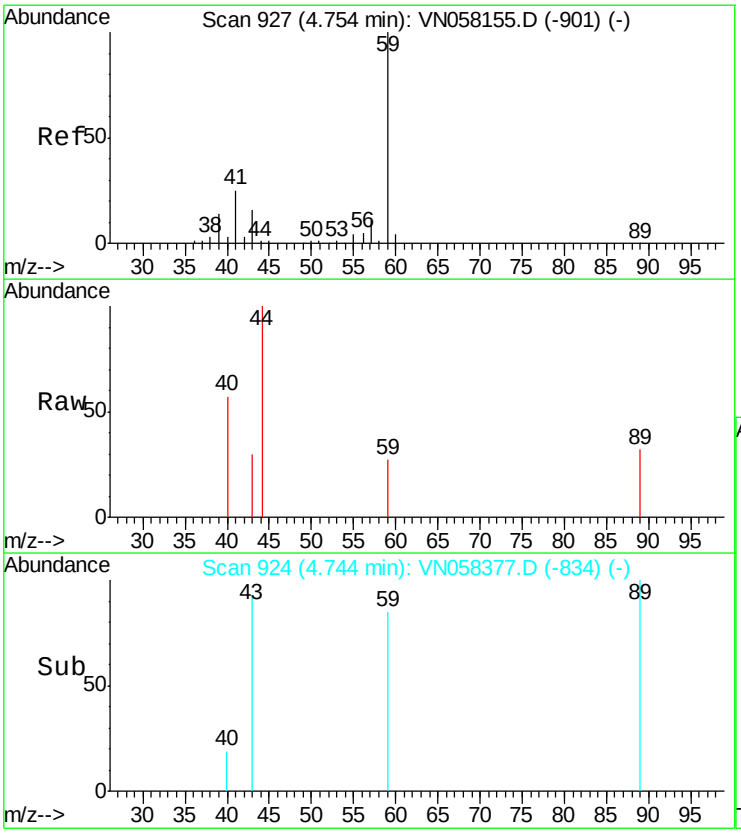
#6
Chloroethane
Concen: Below Cal
RT: 2.68 min Scan# 281
Delta R.T. -0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 64 Resp: 32

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#

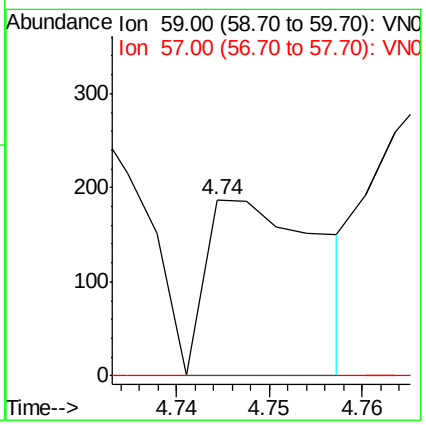


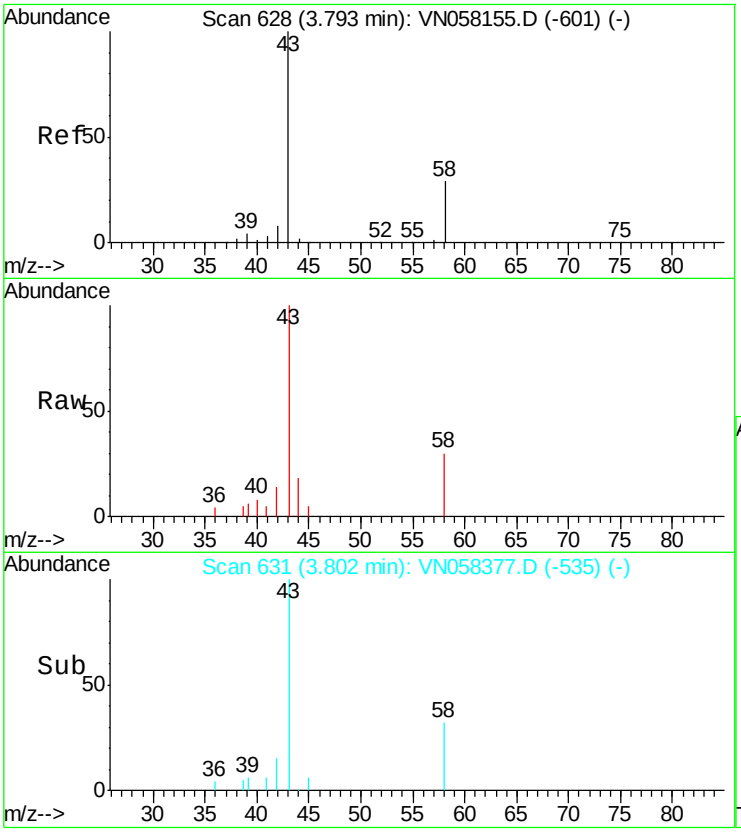


#11
Tert butyl alcohol
Concen: 0.215 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 59 Resp: 161

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



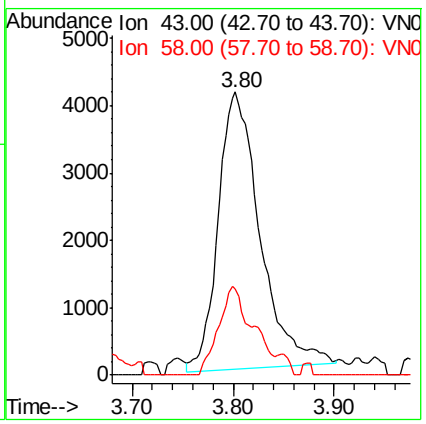


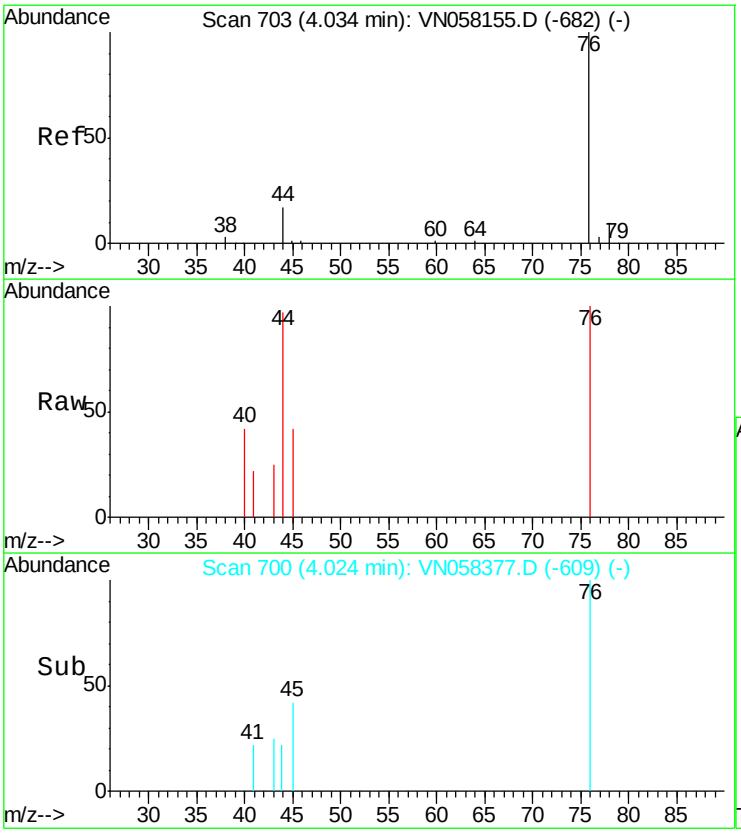
#16
Acetone
Concen: 5.562 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion: 43 Resp: 11861

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.4	35.2

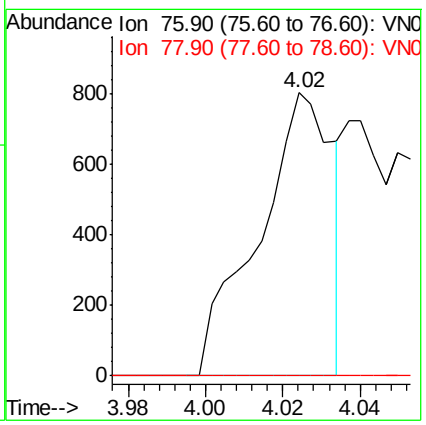


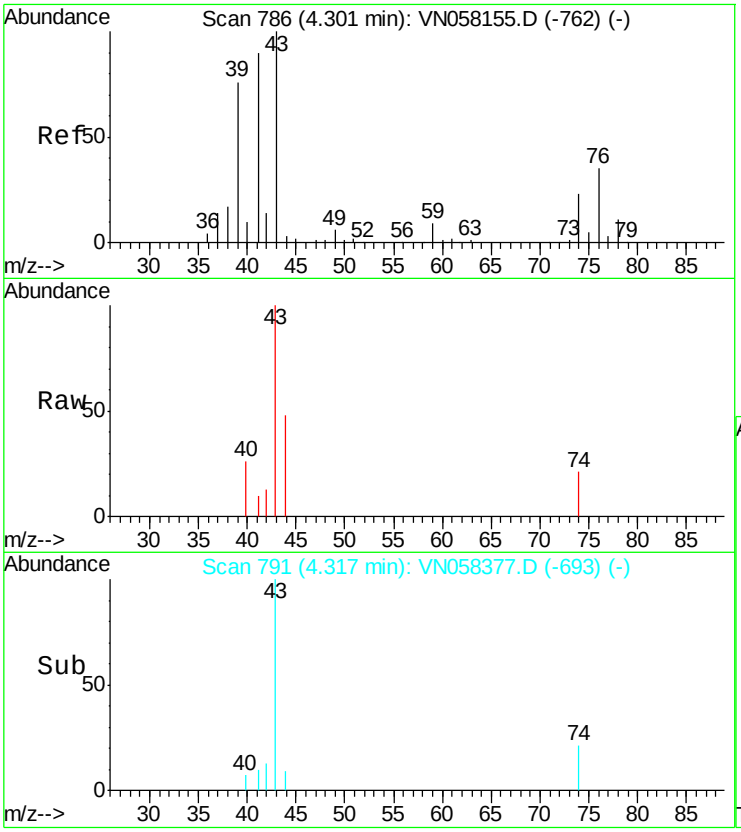


#17
Carbon Disulfide
Concen: 0.544 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 76 Resp: 1068

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.7	11.5#



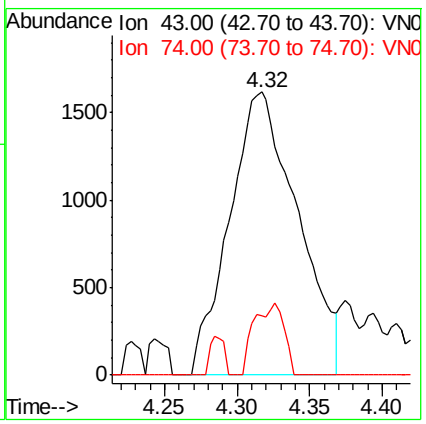


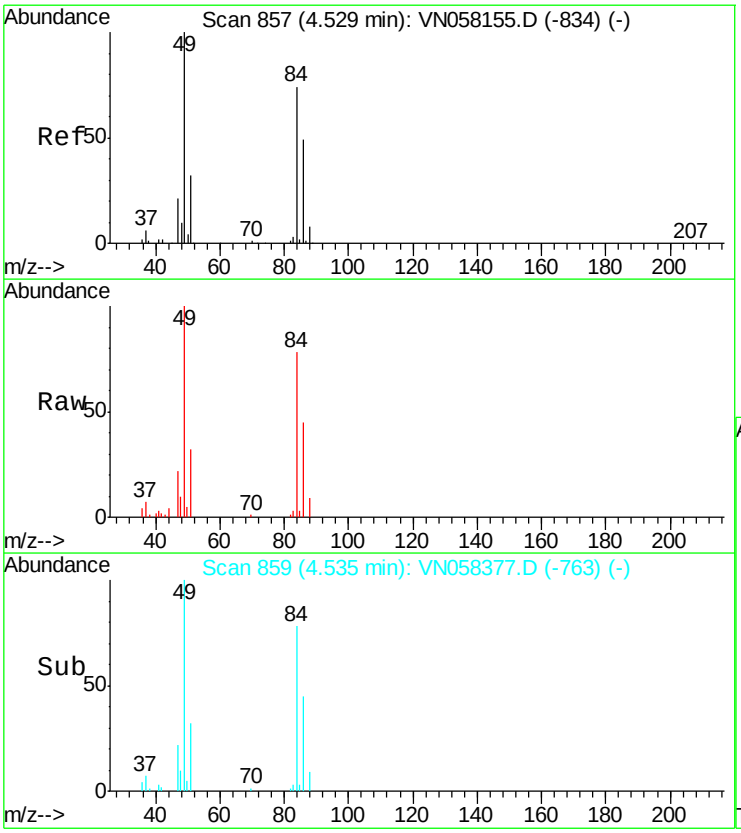
#18
Methyl Acetate
Concen: 0.944 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.02 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 43 Resp: 5295

Ion	Ratio	Lower	Upper
43	100		
74	11.2	18.0	27.0#

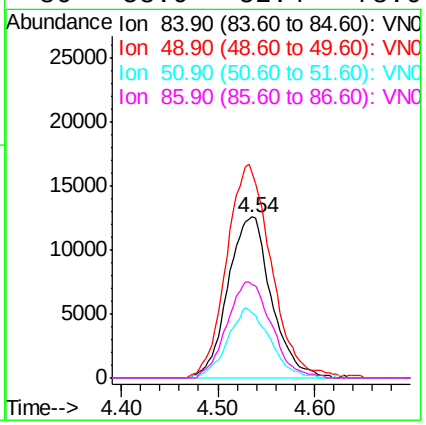


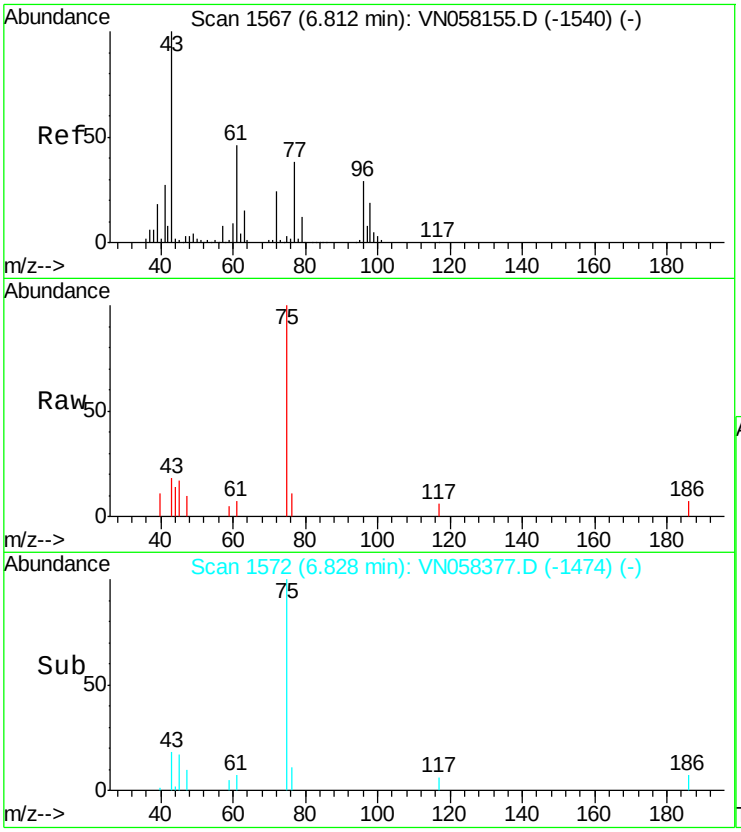


#20
Methylene Chloride
Concen: 10.339 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 84 Resp: 39256

Ion	Ratio	Lower	Upper
84	100		
49	128.1	107.5	161.3
51	40.8	33.9	50.9
86	58.0	52.4	78.6



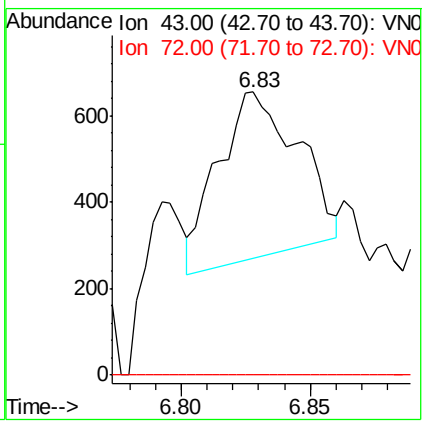


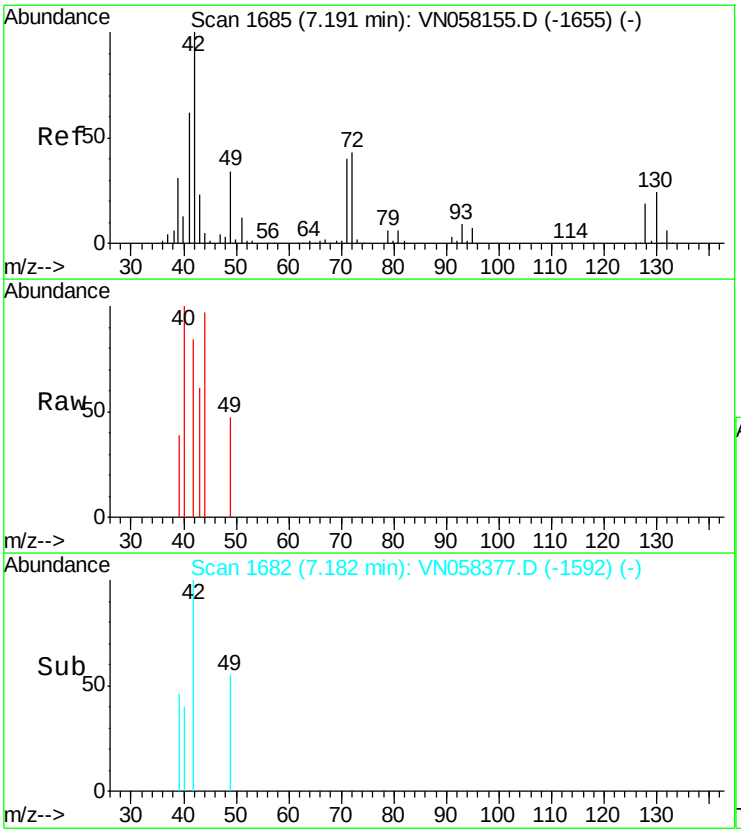
#25
2-Butanone
Concen: 0.285 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 43 Resp: 829

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.5	29.3#

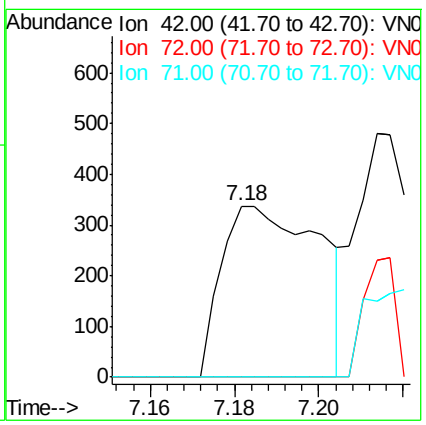


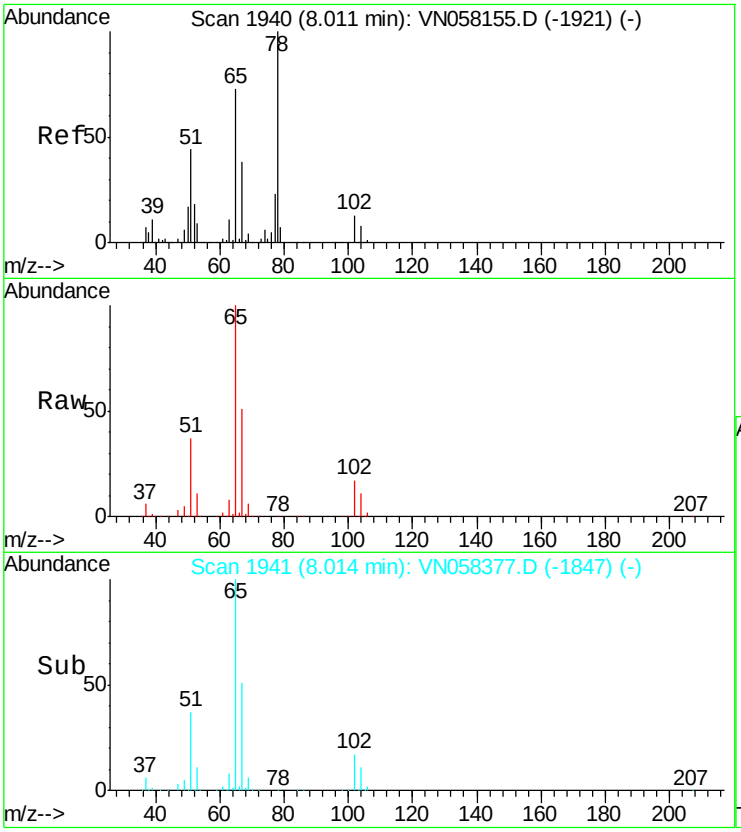


#29
Tetrahydrofuran
Concen: 0.303 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 42 Resp: 543

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	0.0	31.4	47.0#



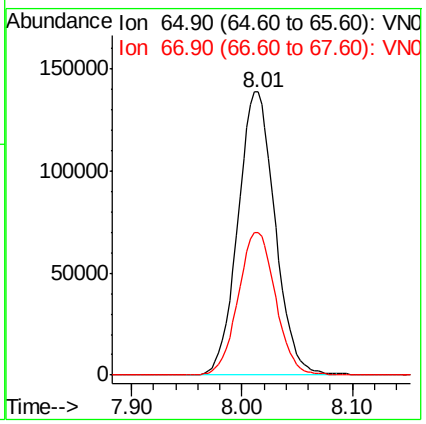


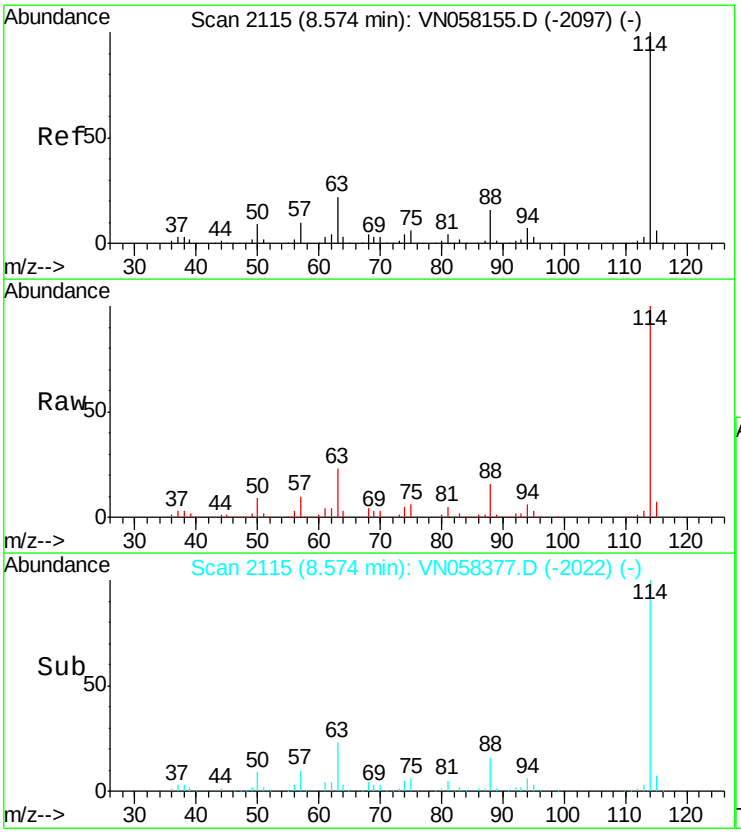
#33
1,2-Dichloroethane-d4
Concen: 51.403 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion: 65 Resp: 322909

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.4

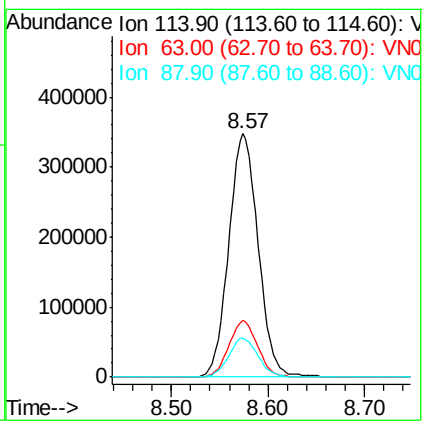


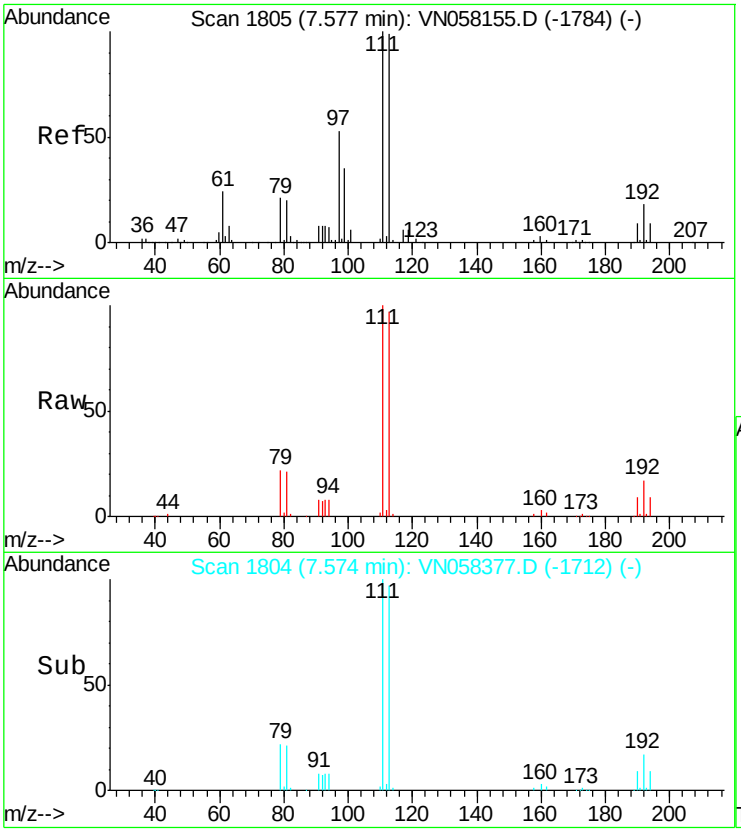


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion:114 Resp: 732757

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	44.2
88	16.1	0.0	31.6



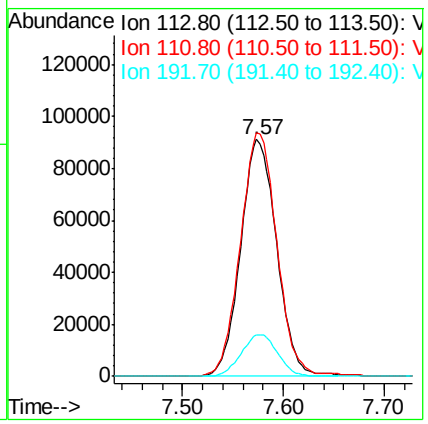


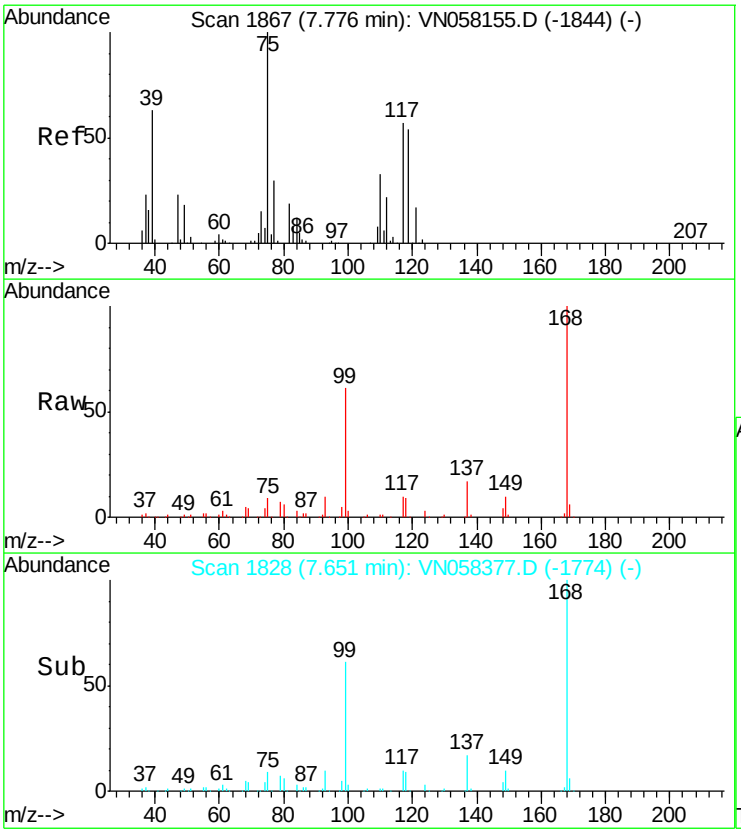
#35
Dibromofluoromethane
Concen: 50.665 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion:113 Resp: 225692

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	17.8	14.5	21.7

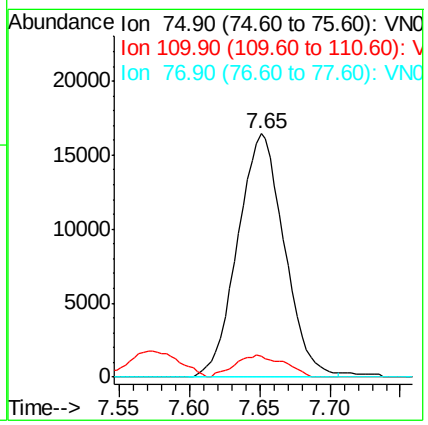


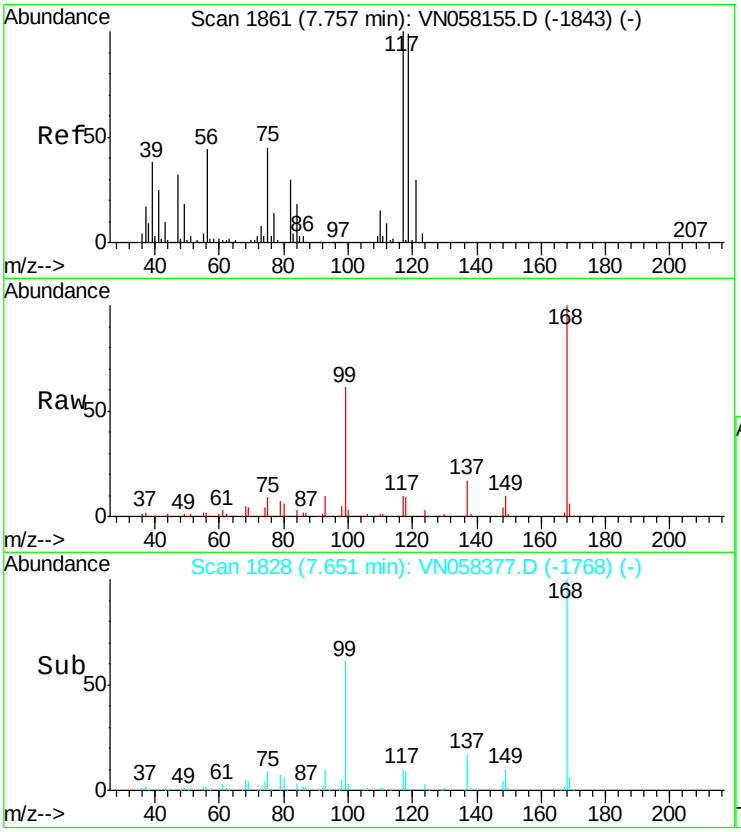


#36
1,1-Dichloropropene
Concen: 7.194 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 75 Resp: 38016

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.6	49.7#
77	0.0	24.3	36.5#



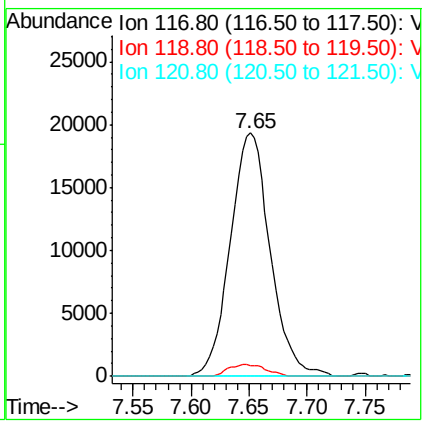


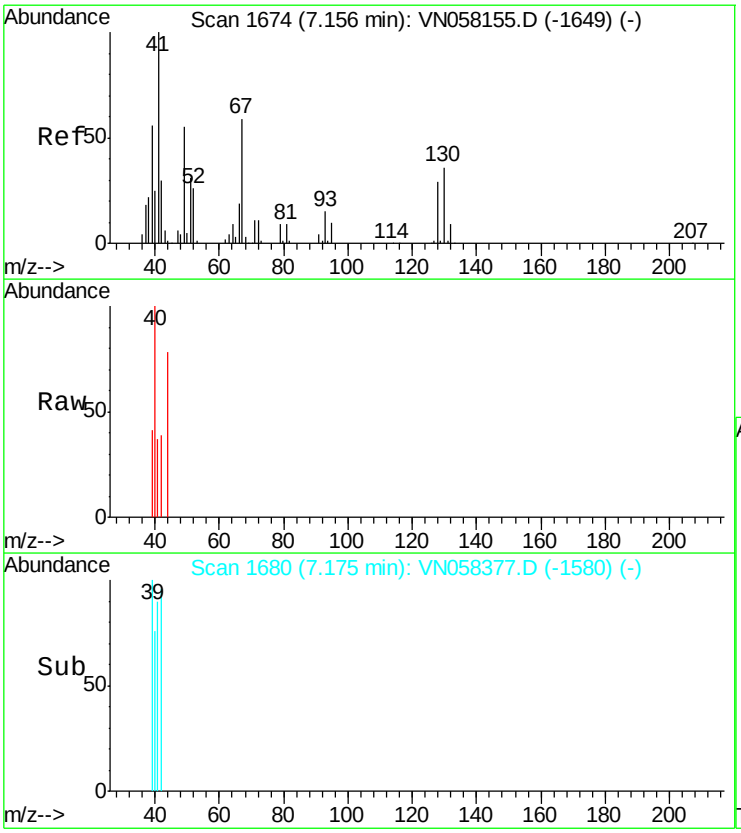
#38
Carbon Tetrachloride
Concen: 8.715 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion:117 Resp: 46291

Ion	Ratio	Lower	Upper
117	100		
119	4.6	78.6	117.8#
121	0.0	24.1	36.1#

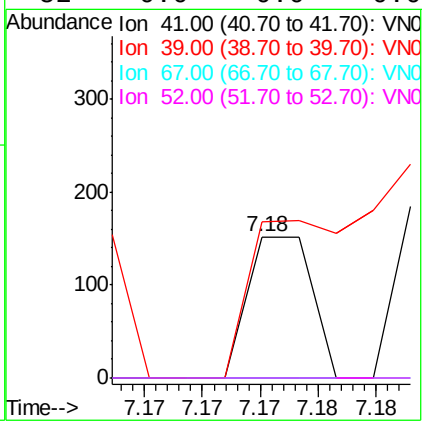


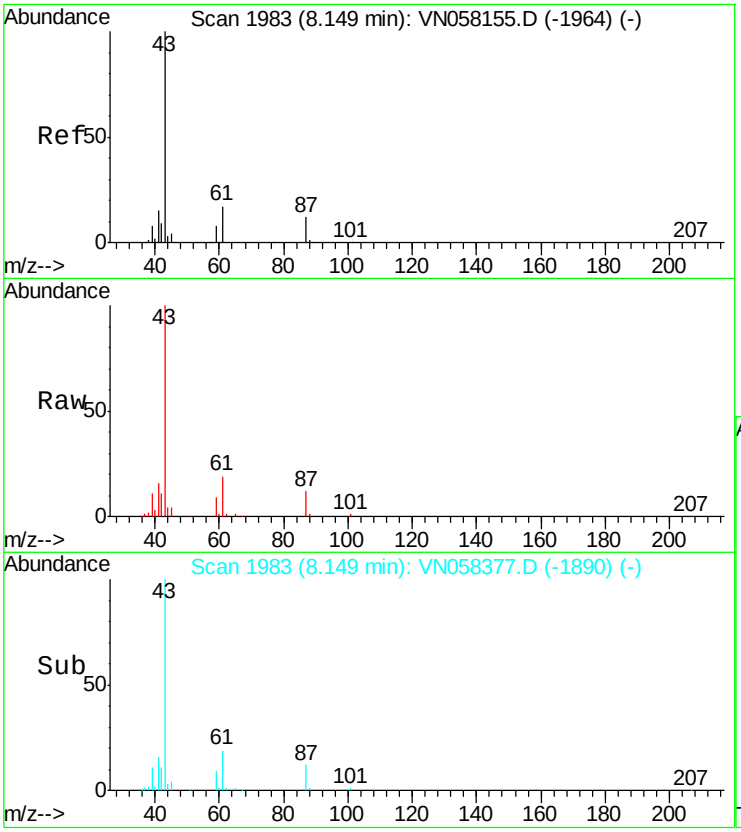


#41
Methacrylonitrile
Concen: 0.932 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.02 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 41 Resp: 58

Ion	Ratio	Lower	Upper
41	100		
39	582.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



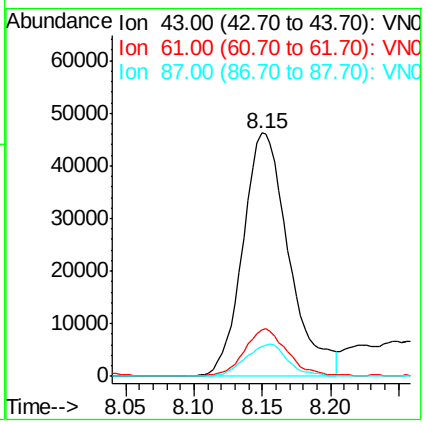


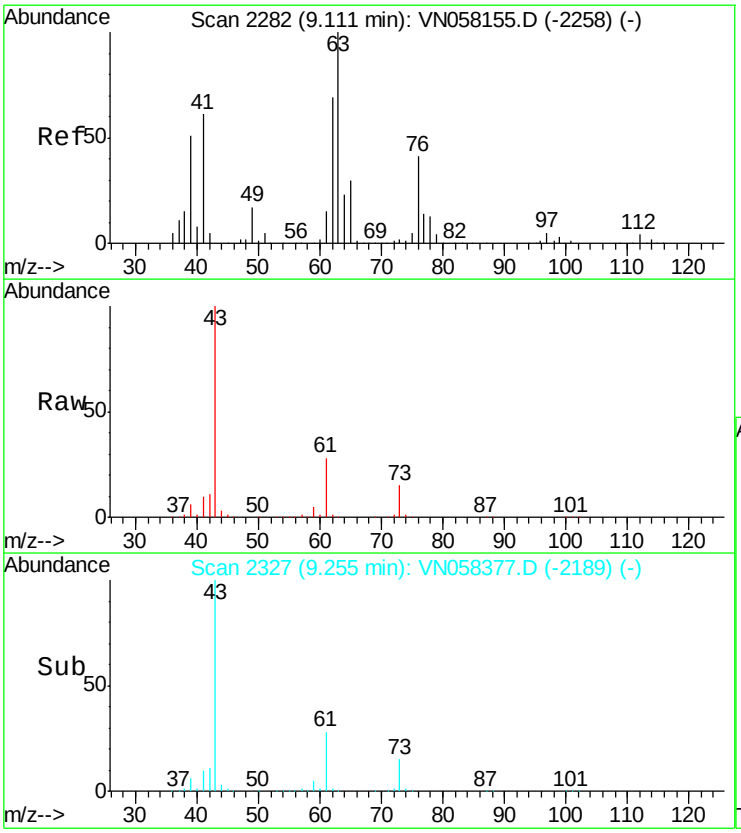
#43
Isopropyl Acetate
Concen: 10.600 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 43 Resp: 108568

Ion	Ratio	Lower	Upper
43	100		
61	18.3	19.7	29.5#
87	12.1	9.4	14.2

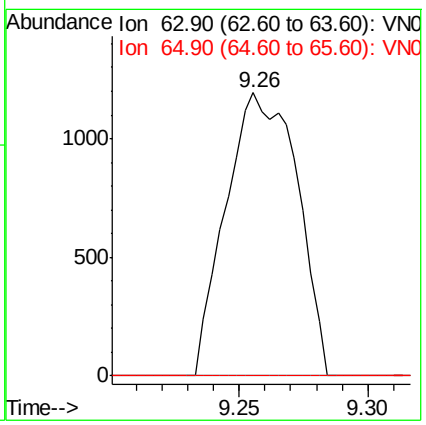


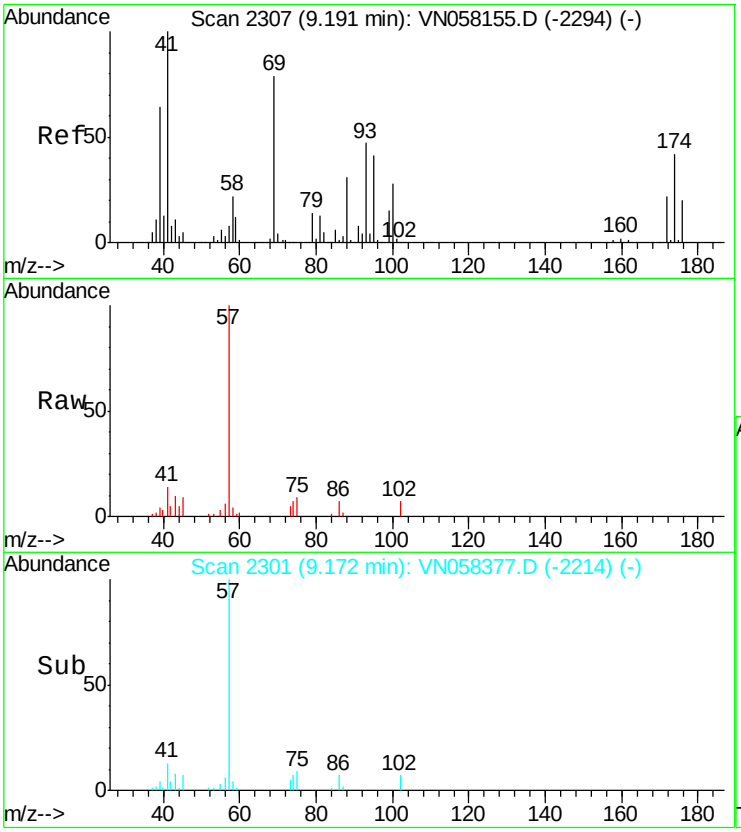


#45
1,2-Dichloropropane
Concen: 0.477 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.14 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 63 Resp: 2300

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.8	35.6#



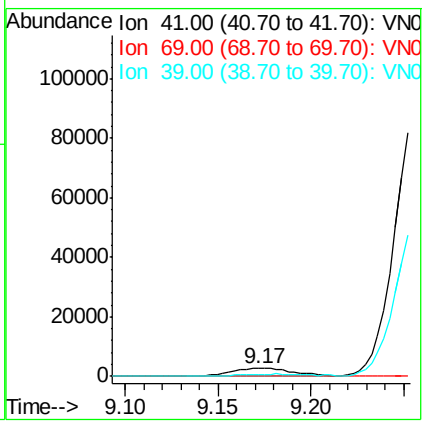


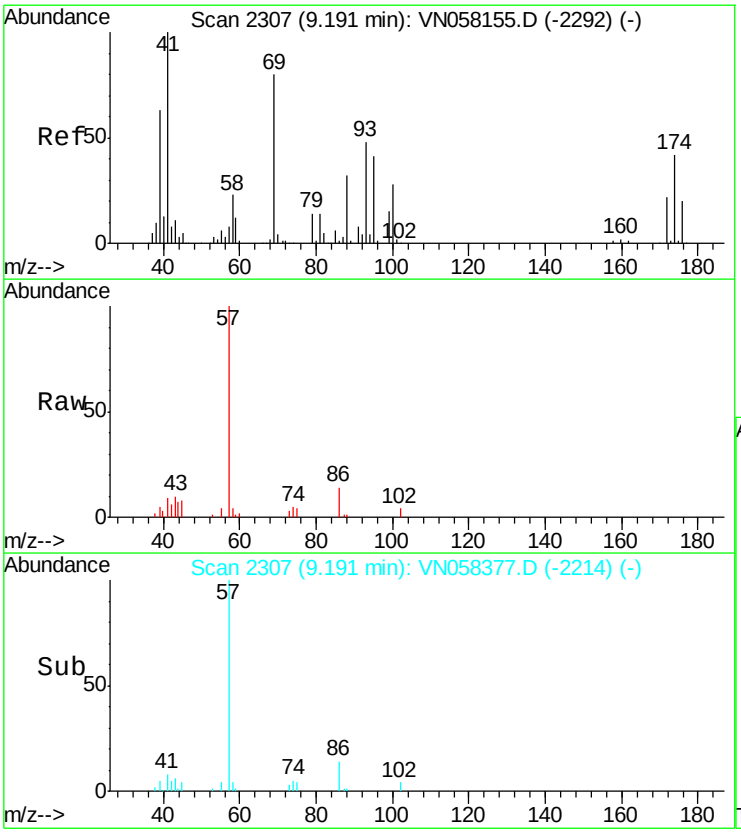
#48
Methyl methacrylate
Concen: 1.378 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 41 Resp: 6407

Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.5	93.7#
39	0.0	52.3	78.5#

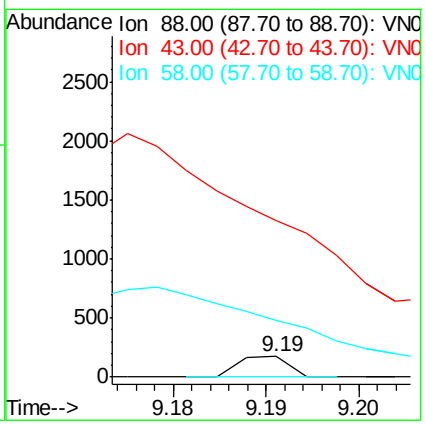


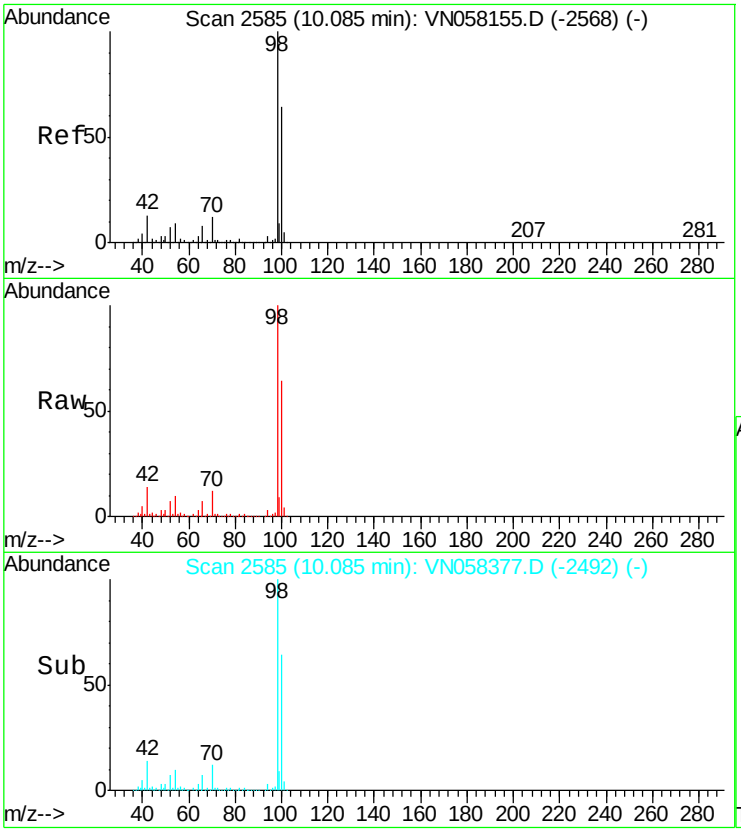


#49
1,4-Dioxane
Concen: 0.851 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.8#
58	2561.5	55.0	82.4#



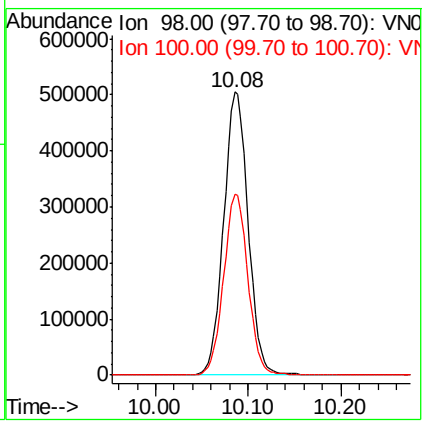


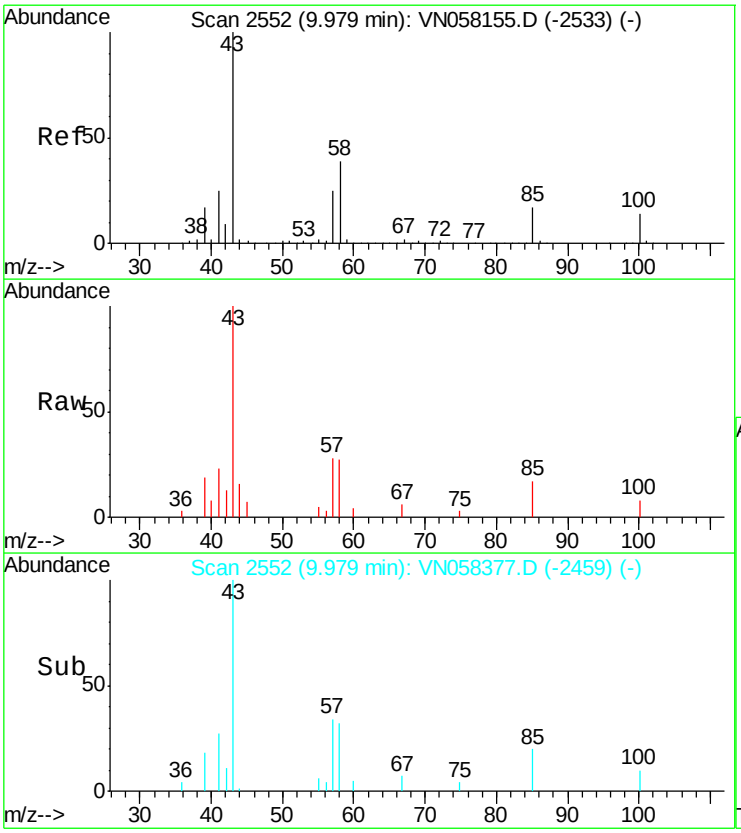
#50
Toluene-d8
Concen: 53.196 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 98 Resp: 923262

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7

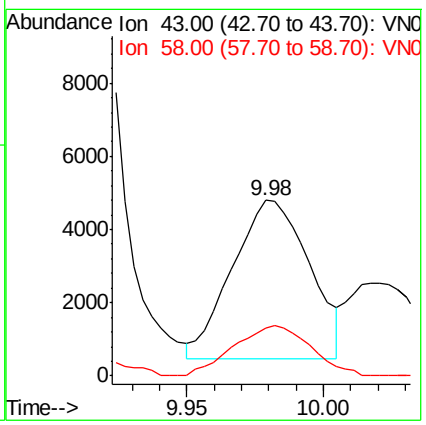


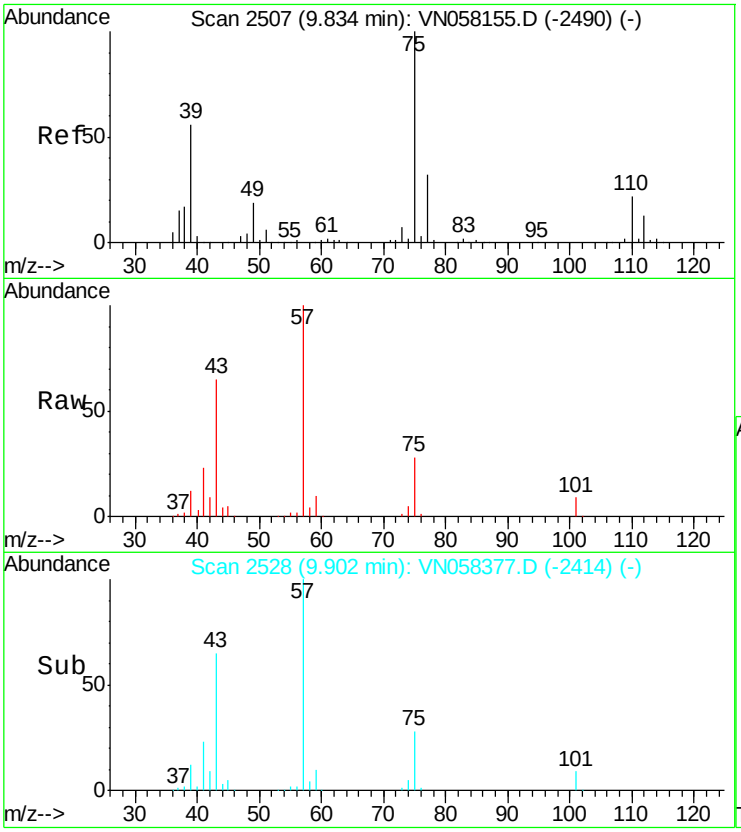


#51
4-Methyl-2-Pentanone
Concen: 1.566 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 43 Resp: 8519

Ion	Ratio	Lower	Upper
43	100		
58	31.6	30.2	45.4



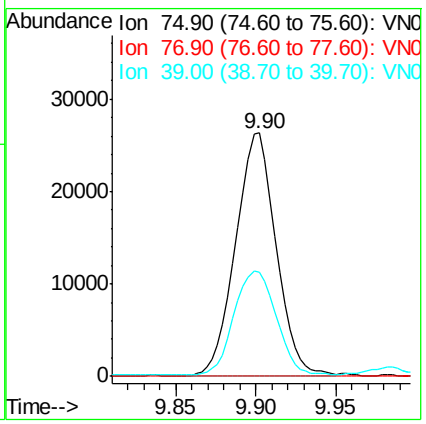


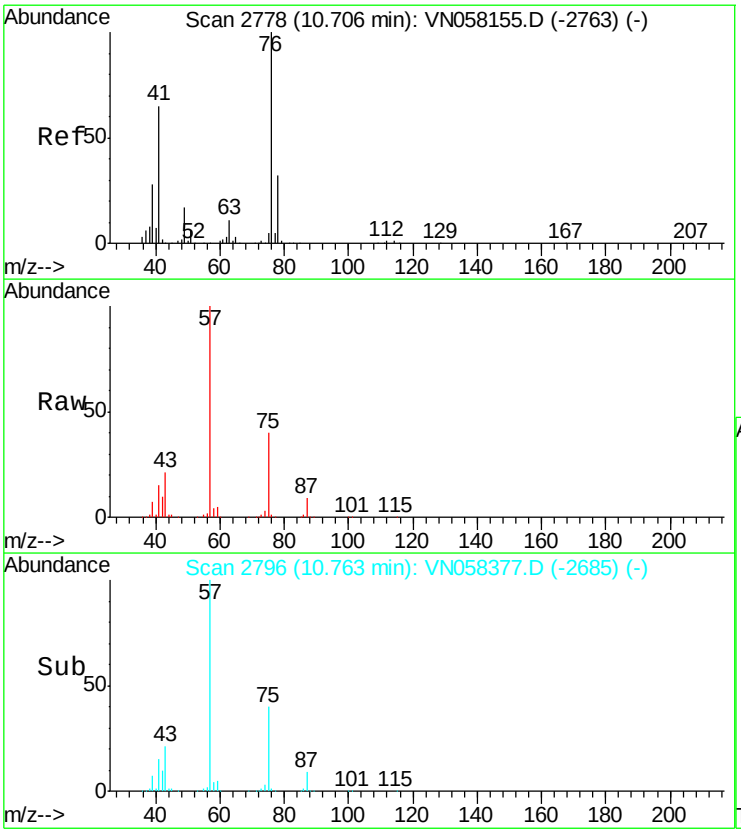
#54
cis-1,3-Dichloropropene
Concen: 6.565 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.07 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 75 Resp: 45583

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
39	42.0	45.0	67.6#

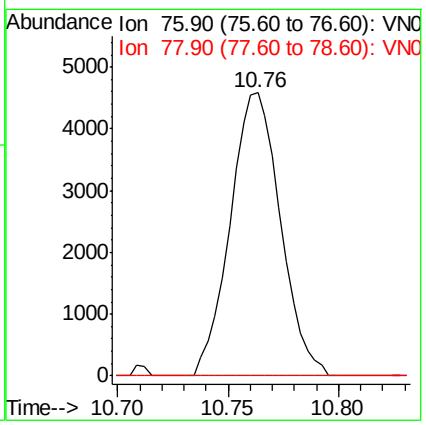


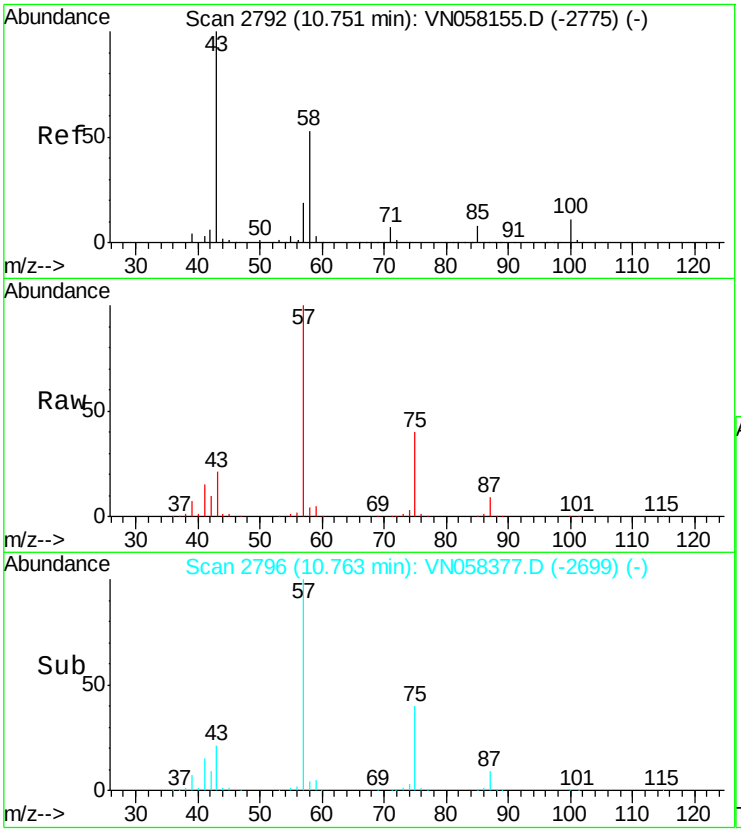


#57
1,3-Dichloropropane
Concen: 0.938 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 76 Resp: 7236

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



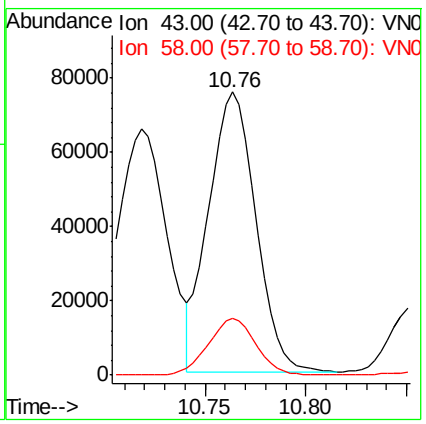


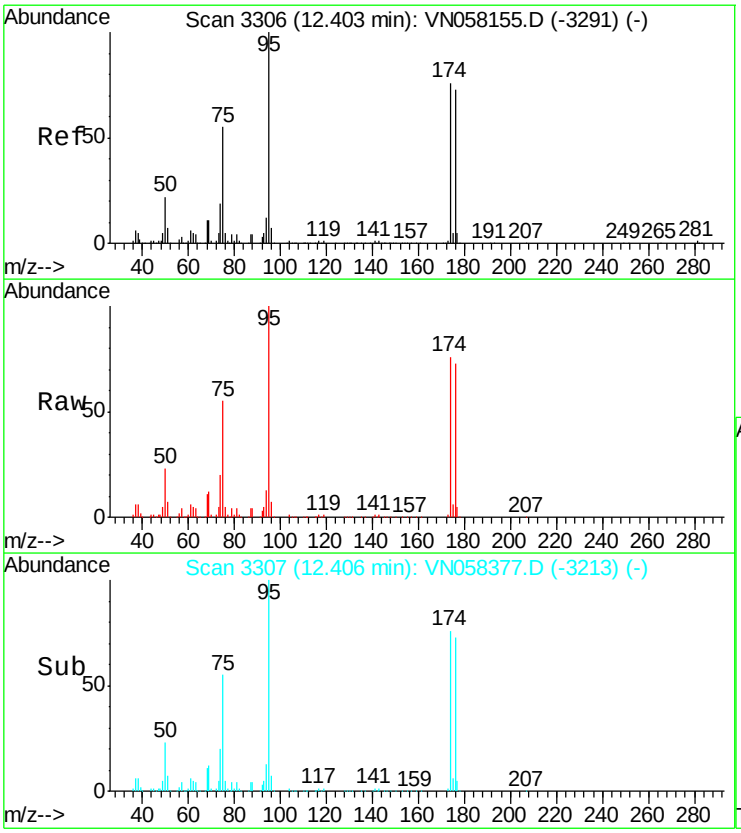
#59
2-Hexanone
Concen: 30.488 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 43 Resp: 123179

Ion	Ratio	Lower	Upper
43	100		
58	20.4	26.0	78.0#

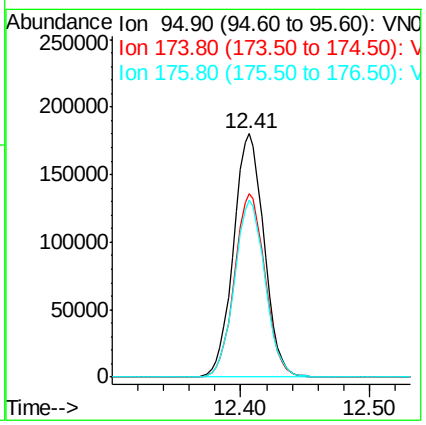


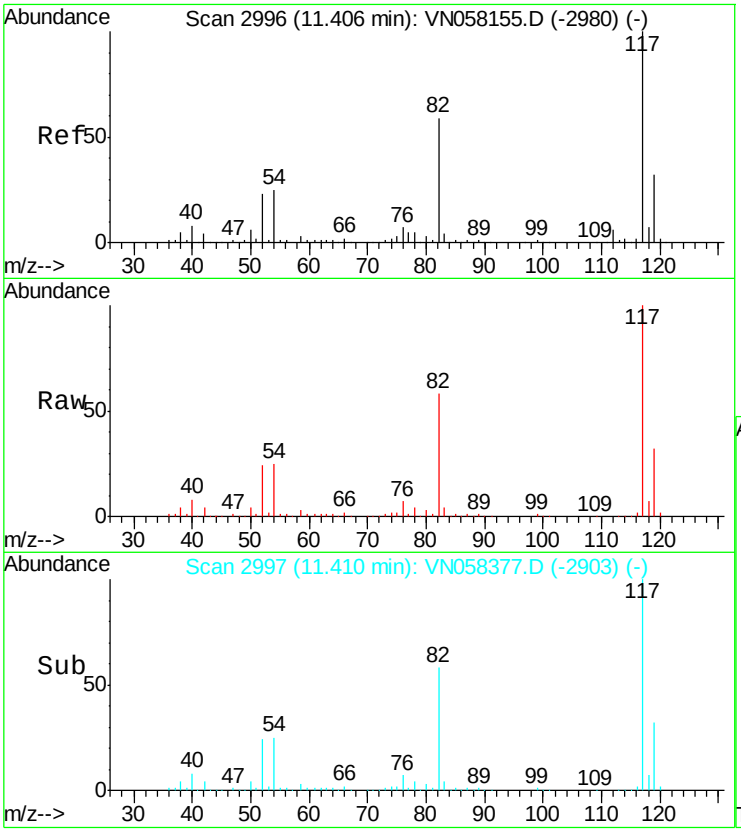


#62
4-Bromofluorobenzene
Concen: 46.026 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 95 Resp: 296732

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	152.2
176	72.7	0.0	148.0



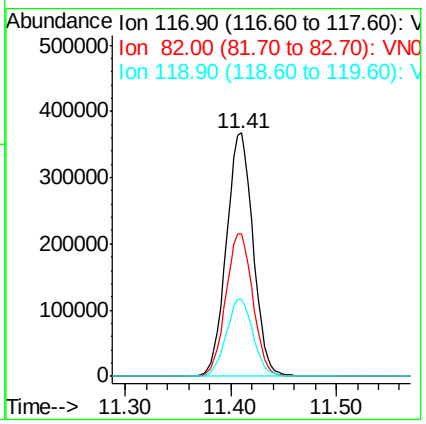


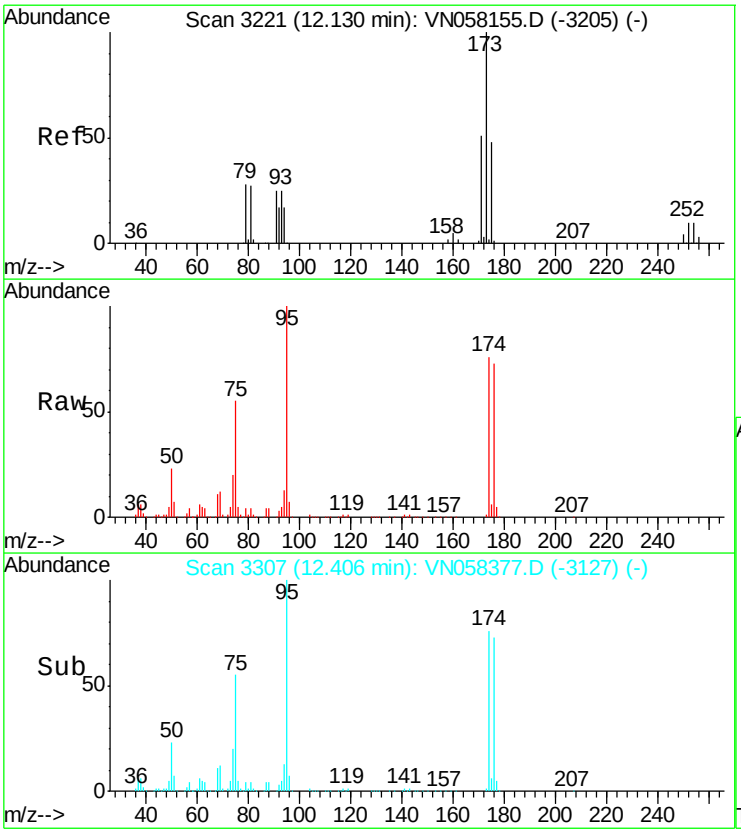
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion:117 Resp: 642865

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.9	70.3
119	31.8	25.3	37.9

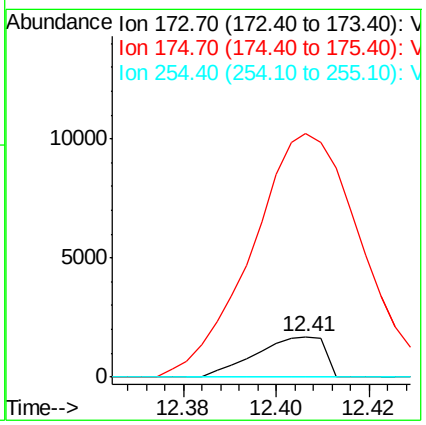


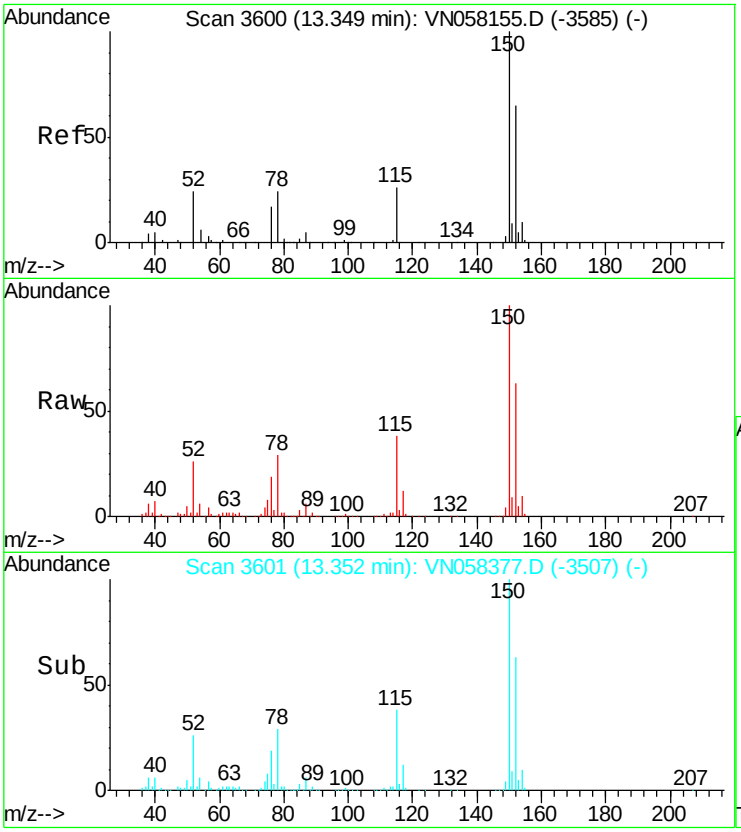


#71
Bromoform
Concen: 4.125 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion:173 Resp: 1736

Ion	Ratio	Lower	Upper
173	100		
175	817.6	24.2	72.6#
254	0.0	0.1	0.1#



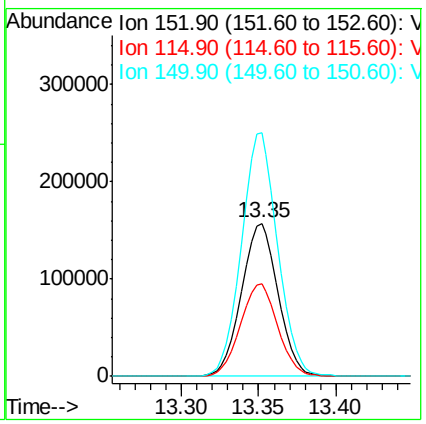


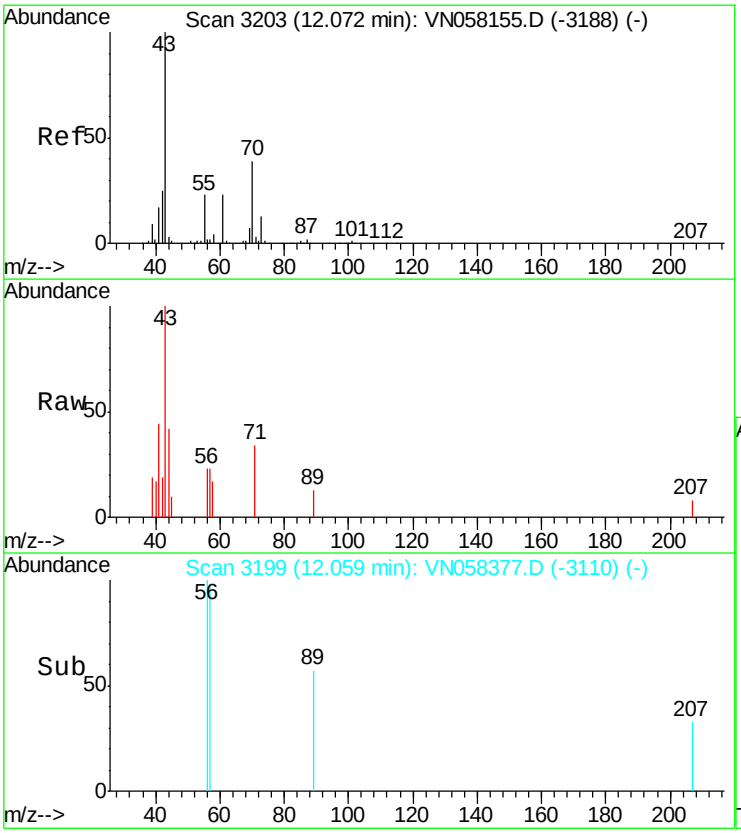
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion:152 Resp: 258510

Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.1	90.3
150	158.2	0.0	346.4

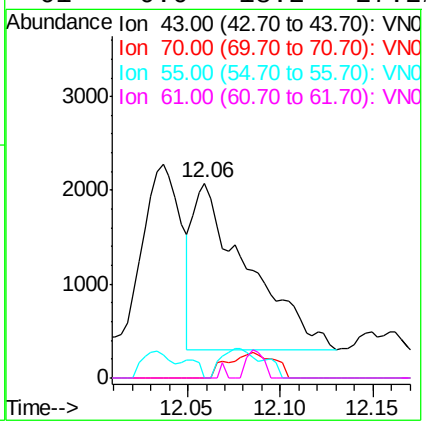


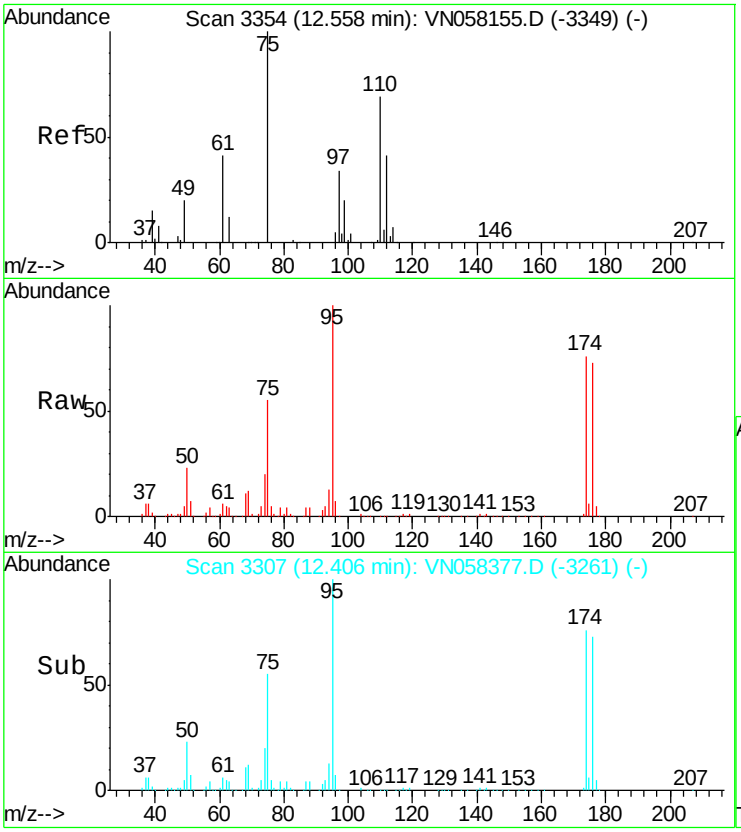


#74
N-amyl acetate
Concen: 0.542 ug/l
RT: 12.06 min Scan# 3199
Delta R.T. -0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 43 Resp: 3668

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.0	46.6#
55	0.0	18.5	27.7#
61	0.0	18.2	27.2#



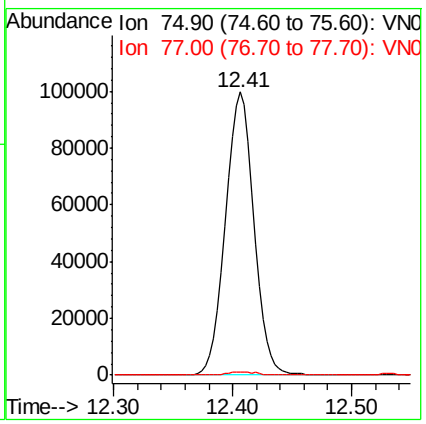


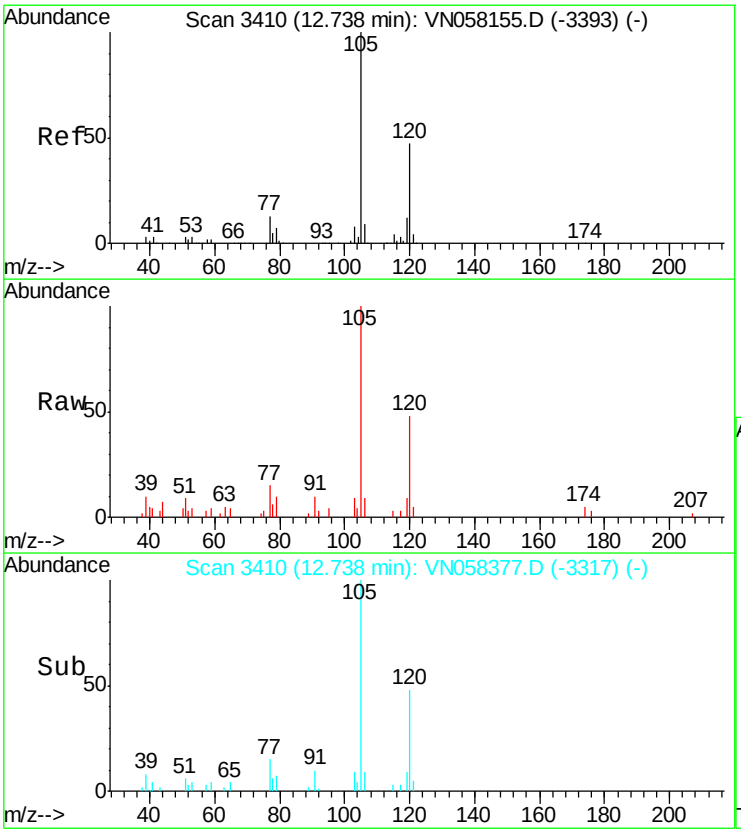
#76
1,2,3-Trichloropropane
Concen: 35.688 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument : MSVOA_N
ClientSampleId : PB123388TB

Tgt Ion: 75 Resp: 165110

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

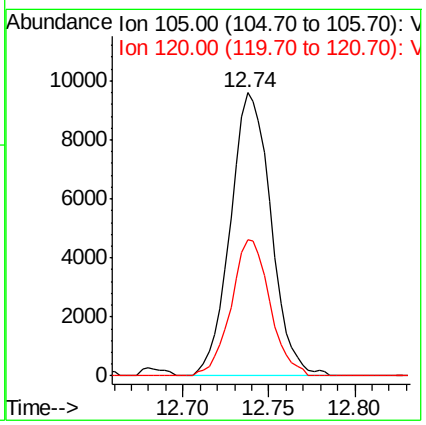


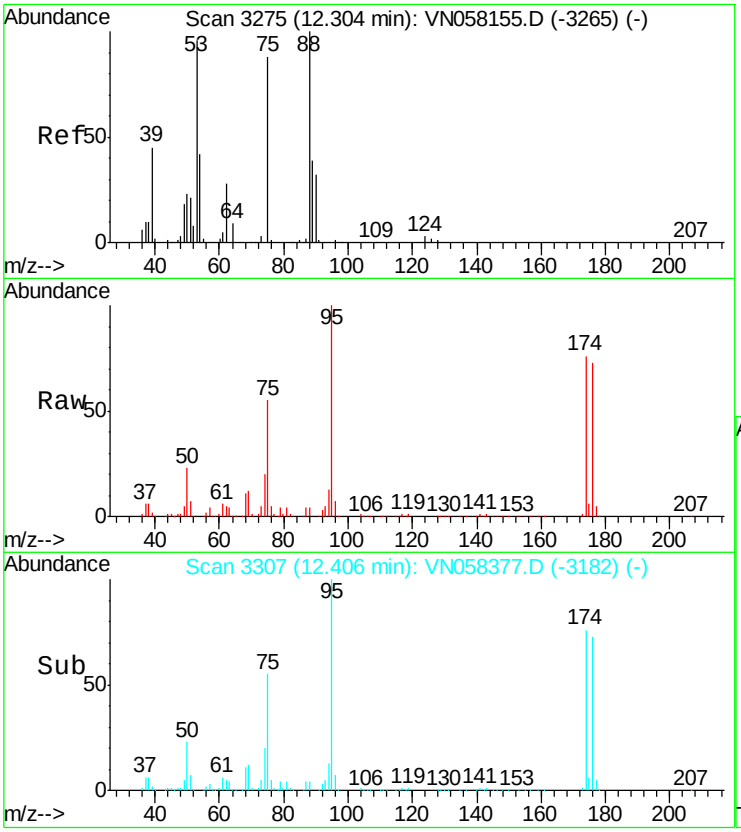


#80
1,3,5-Trimethylbenzene
Concen: 1.151 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion:105 Resp: 15746

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.4	70.0



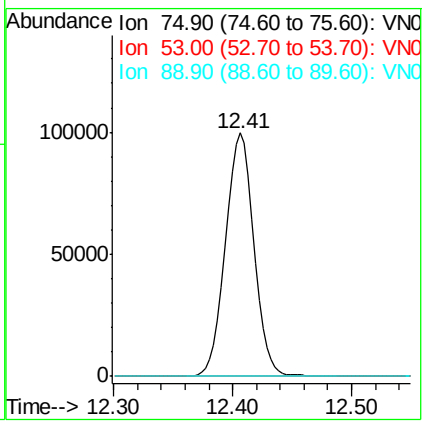


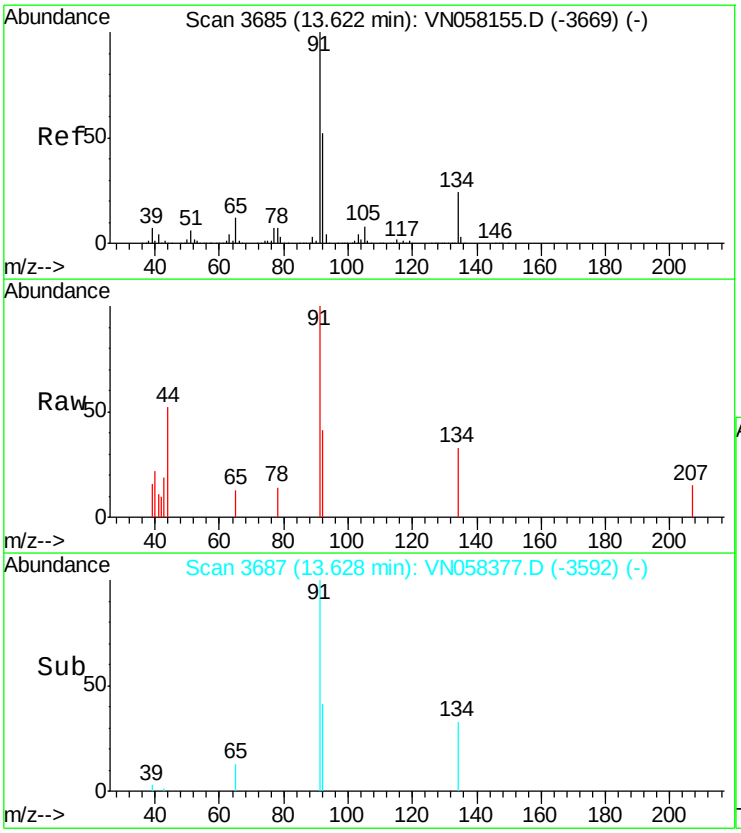
#81
trans-1,4-Dichloro-2-butene
Concen: 99.718 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion: 75 Resp: 165110

Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.1	135.1#
89	0.0	36.2	54.2#

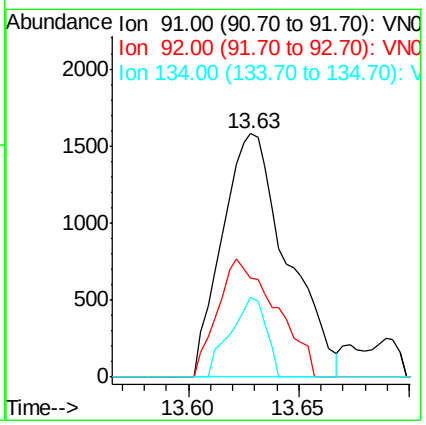


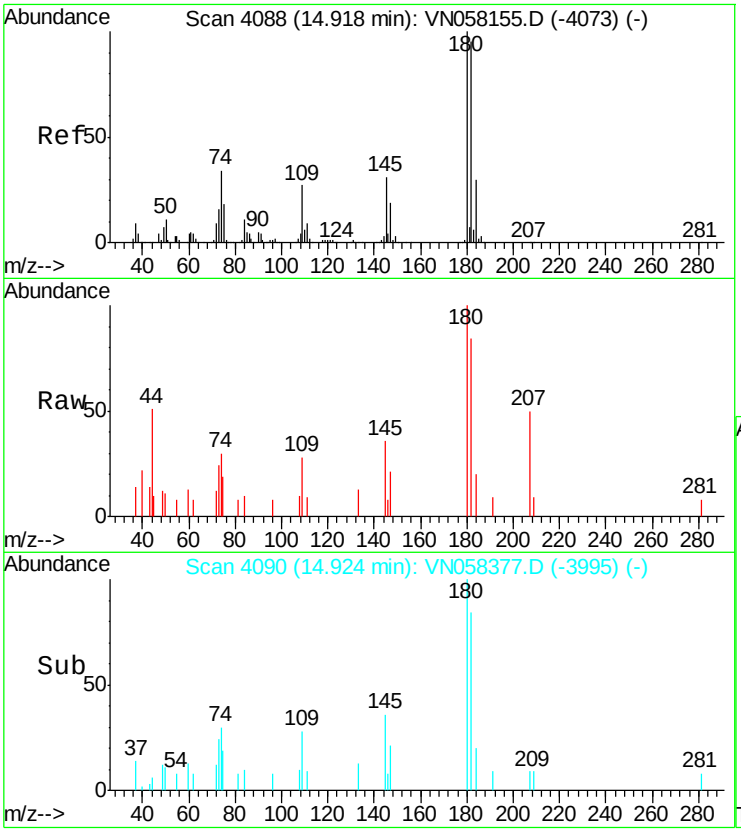


#89
n-Butylbenzene
Concen: 0.239 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion: 91 Resp: 3219

Ion	Ratio	Lower	Upper
91	100		
92	43.6	25.7	77.0
134	18.1	11.8	35.4



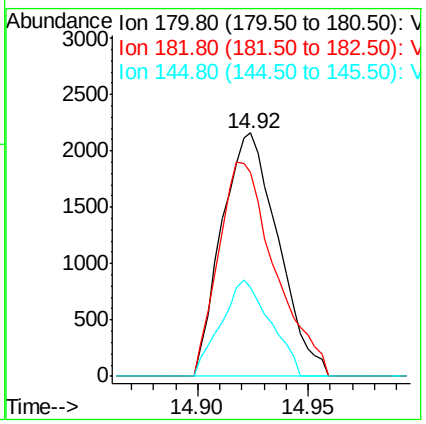


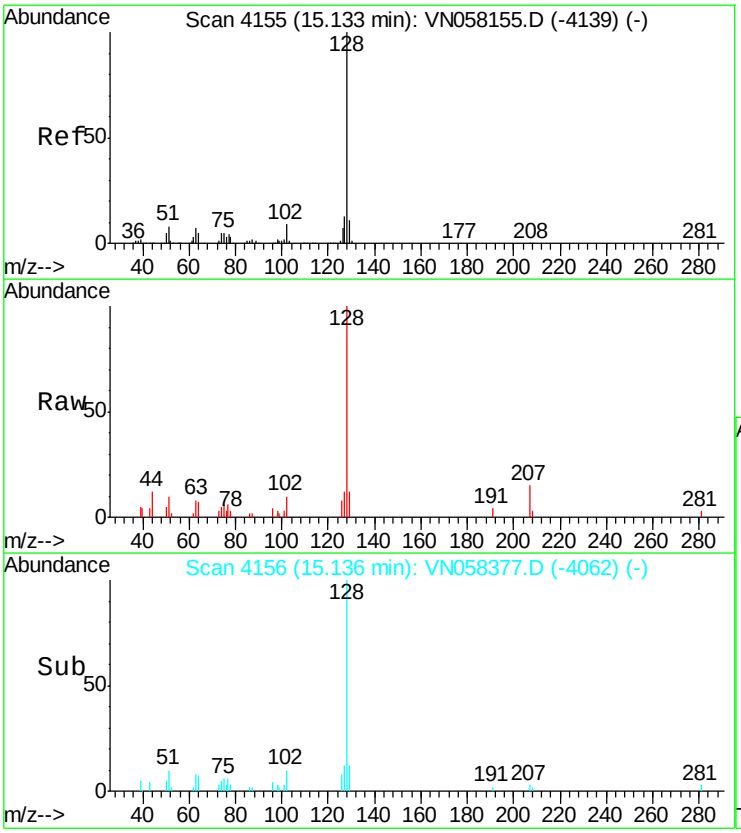
#93
1,2,4-Trichlorobenzene
Concen: 0.802 ug/l
RT: 14.92 min Scan# 4090
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion:180 Resp: 3822

Ion	Ratio	Lower	Upper
180	100		
182	88.0	47.8	143.3
145	34.5	15.4	46.4

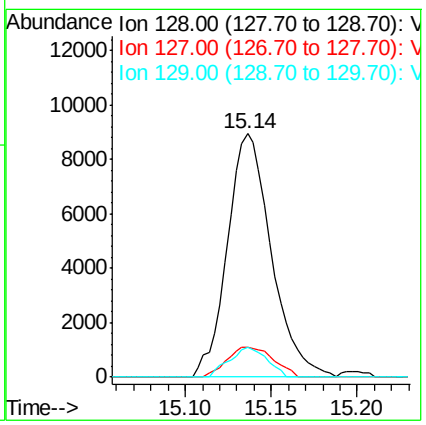


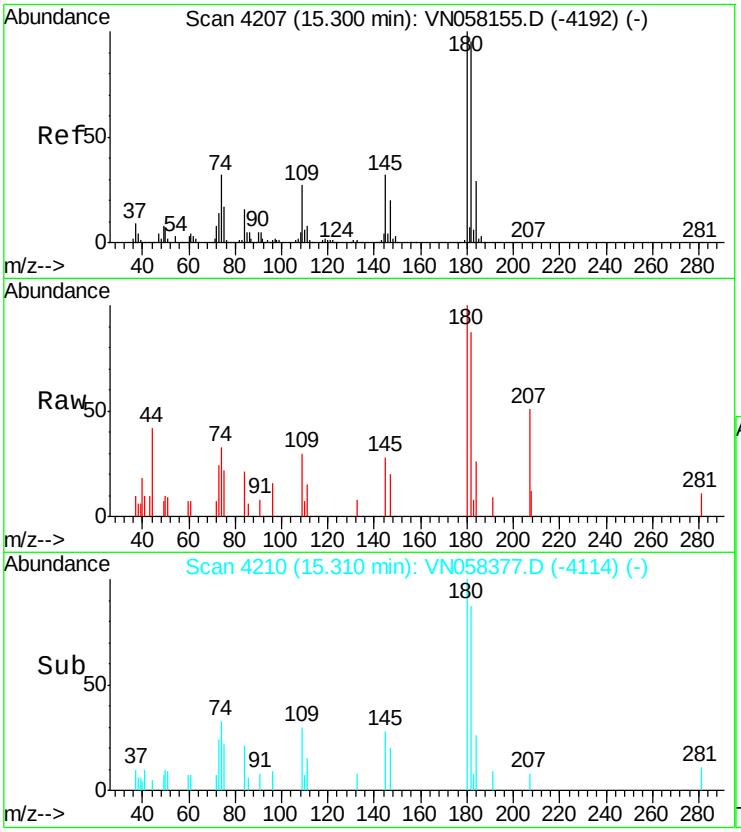


#95
Naphthalene
Concen: 1.288 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Tgt Ion:128 Resp: 15902

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.3	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.970 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.01 min
Lab File: VN058377.D
Acq: 26 Sep 2019 12:01

Instrument :
MSVOA_N
ClientSampleId :
PB123388TB

Tgt Ion:180 Resp: 4368

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.4	142.2
145	29.6	16.1	48.2