Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
Data File : VN059601.D
Acq On : 16 Dec 2019 14:32
Operator : JC/SP
Sample : PB125424TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Quant Time: Dec 17 04:48:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	246856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	394496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	352519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	174669	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.26%			
35) Dibromofluoromethane	7.57	113	124448	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.84%			
50) Toluene-d8	10.08	98	491123	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.52%			
62) 4-Bromofluorobenzene	12.40	95	160155	44.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.82%			
Target Compounds						Qvalue
13) Acrolein	3.58	56	105	0.224	ug/l #	47
16) Acetone	3.80	43	14258	6.686	ug/l	98
17) Carbon Disulfide	4.02	76	3088	2.201	ug/l #	90
18) Methyl Acetate	4.30	43	3252	0.728	ug/l #	86
20) Methylene Chloride	4.53	84	4175	1.355	ug/l	92
25) 2-Butanone	6.82	43	1640	0.643	ug/l	94
31) Cyclohexane	7.64	56	6028	1.149	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	20491	4.981	ug/l #	50
38) Carbon Tetrachloride	7.64	117	24905	5.834	ug/l #	16
43) Isopropyl Acetate	8.14	43	76842	10.336	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1891	0.582	ug/l #	44
48) Methyl methacrylate	9.17	41	4470	1.325	ug/l #	13
49) 1,4-Dioxane	9.19	88	30	0.621	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	6385	1.441	ug/l	97
54) cis-1,3-Dichloropropene	9.89	75	30803	5.975	ug/l #	64
56) Ethyl methacrylate	10.54	69	1131	0.263	ug/l #	1
59) 2-Hexanone	10.76	43	87952	25.177	ug/l #	54
71) Bromoform	12.40	173	1142	0.524	ug/l #	1
74) N-amyl acetate	12.03	43	4919	1.011	ug/l #	46
76) 1,2,3-Trichloropropane	12.40	75	85303	25.508	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7304	0.814	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	85303	63.003	ug/l #	11
87) 1,3-Dichlorobenzene	13.29	146	1036	0.216	ug/l	89
88) 1,4-Dichlorobenzene	13.29	146	1036	0.214	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	948	0.200	ug/l	84
92) 1,2-Dibromo-3-Chloropropan	14.27	75	383	2.015	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.91	180	2563	0.839	ug/l	92
94) Hexachlorobutadiene	15.00	225	725	2.087	ug/l	75
95) Naphthalene	15.13	128	9732	1.068	ug/l	97
96) 1,2,3-Trichlorobenzene	15.29	180	3003	0.972	ug/l	90

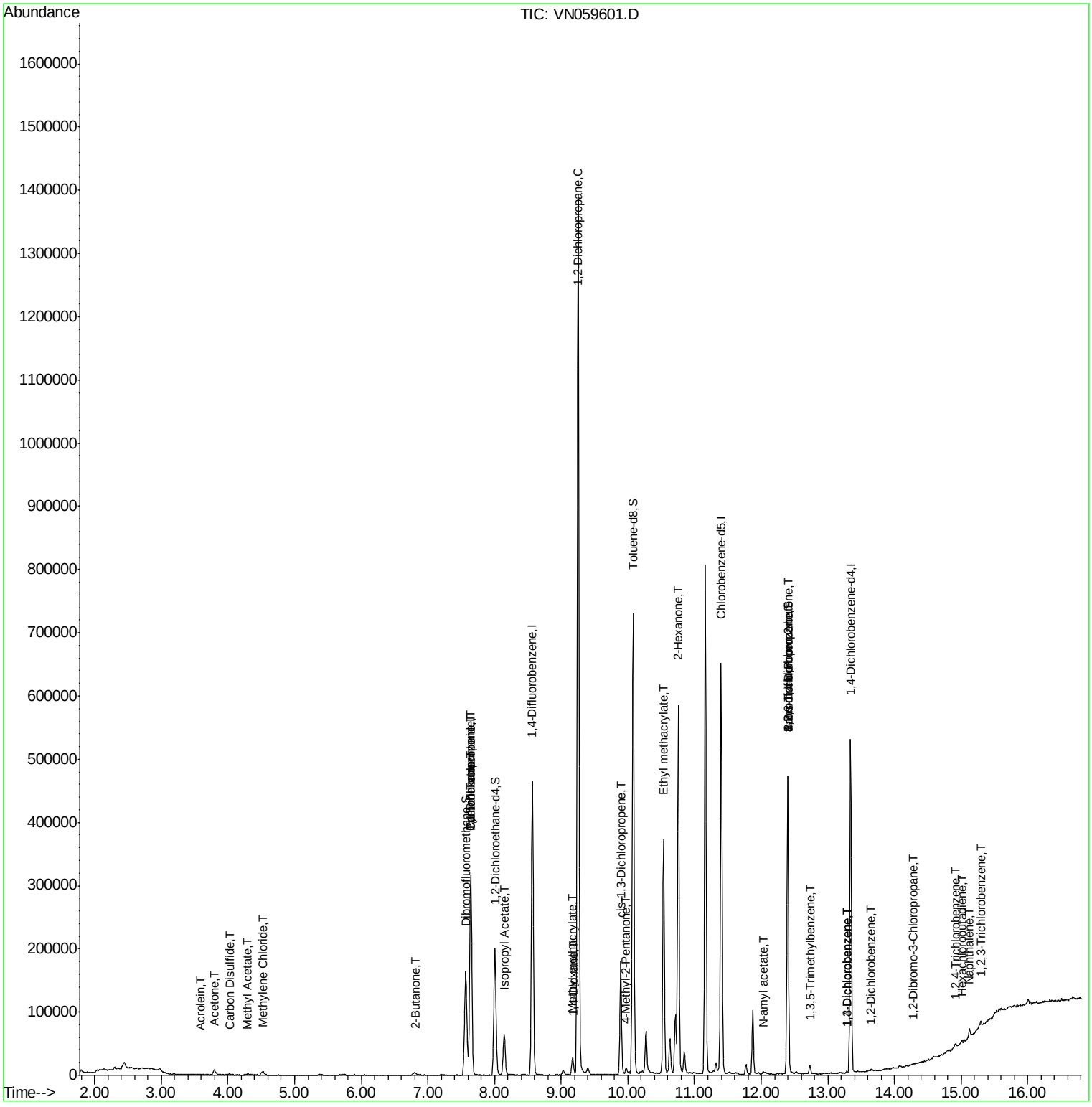
(#) = qualifier out of range (m) = manual integration (+) = signals summed

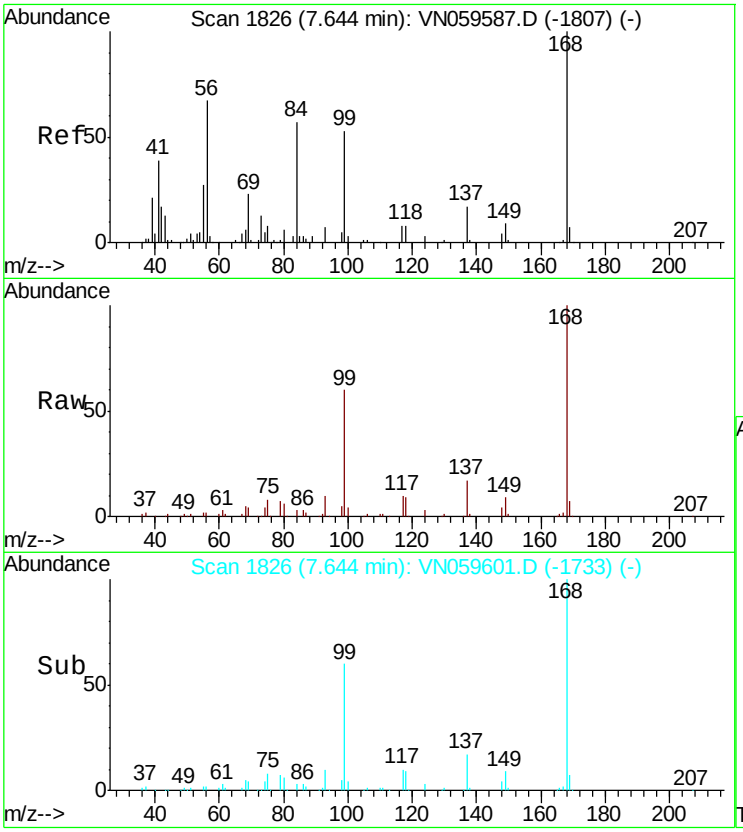
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
Data File : VN059601.D
Acq On : 16 Dec 2019 14:32
Operator : JC/SP
Sample : PB125424TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Quant Time: Dec 17 04:48:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration



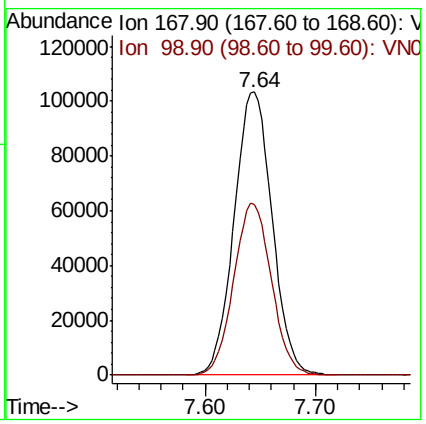


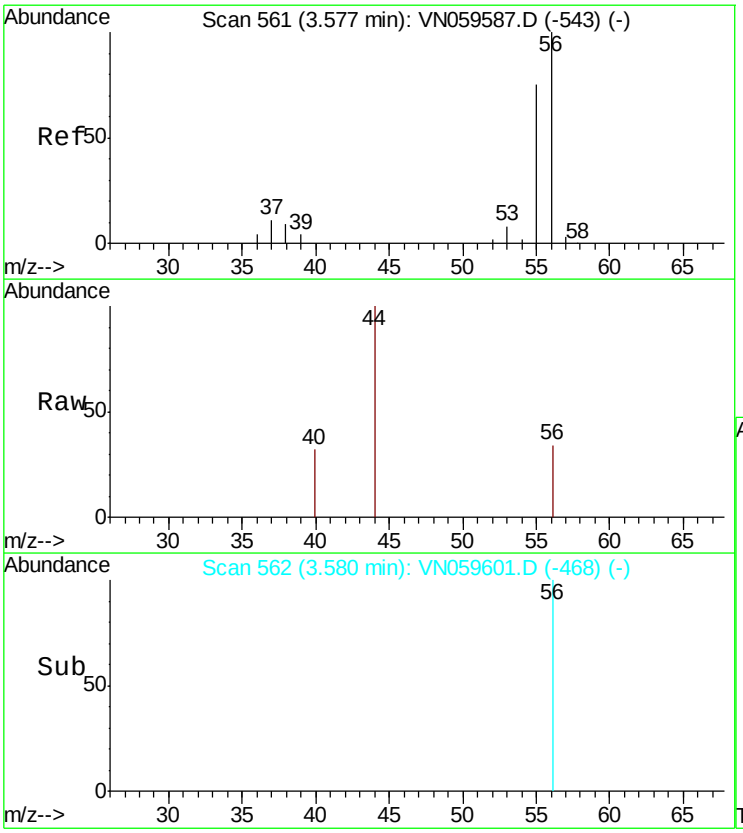
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion:168 Resp: 246856

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.2	72.4

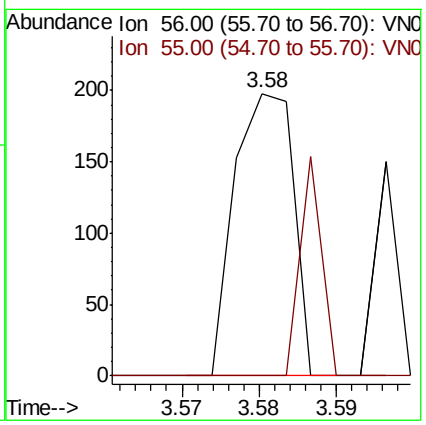


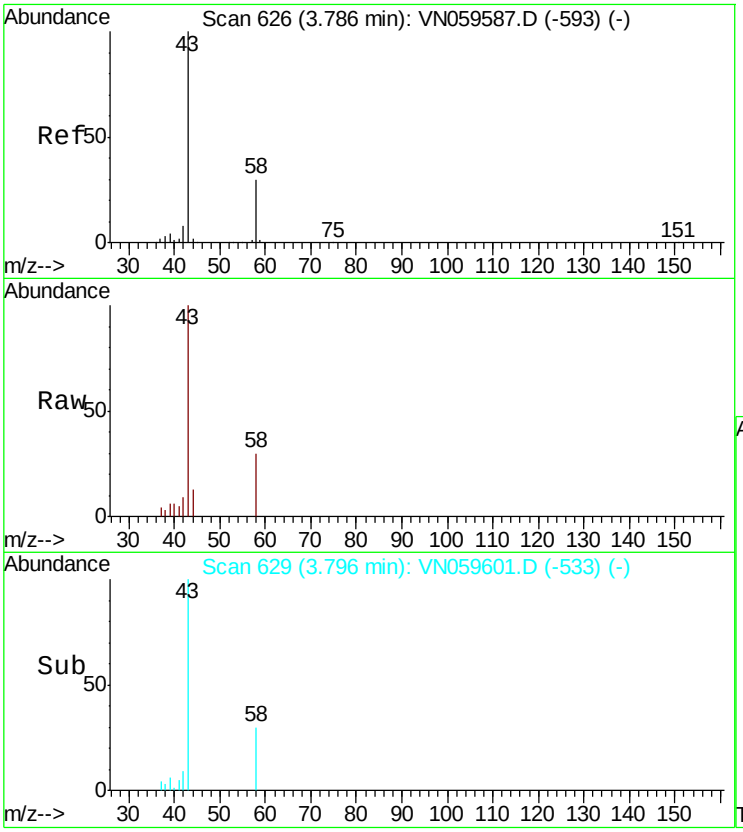


#13
Acrolein
Concen: 0.224 ug/l
RT: 3.58 min Scan# 562
Delta R.T. 0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 56 Resp: 105

Ion	Ratio	Lower	Upper
56	100		
55	28.6	58.6	88.0#



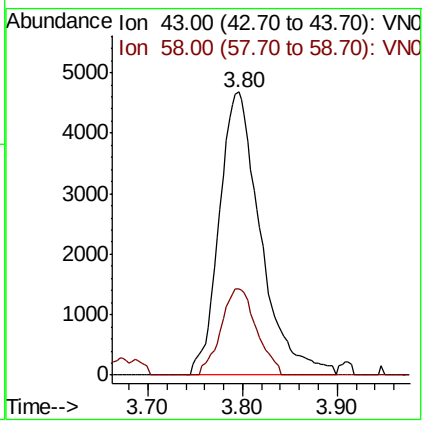


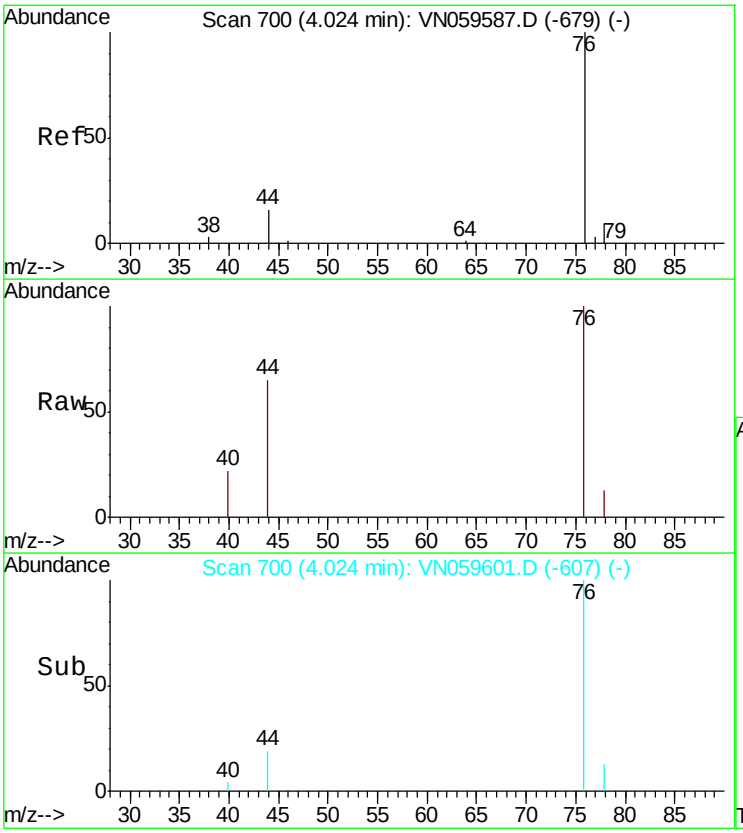
#16
Acetone
Concen: 6.686 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion: 43 Resp: 14258

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.6	35.4

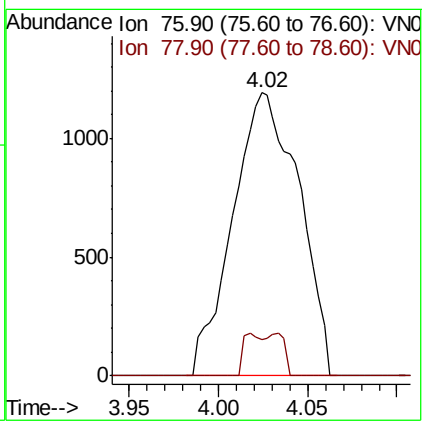


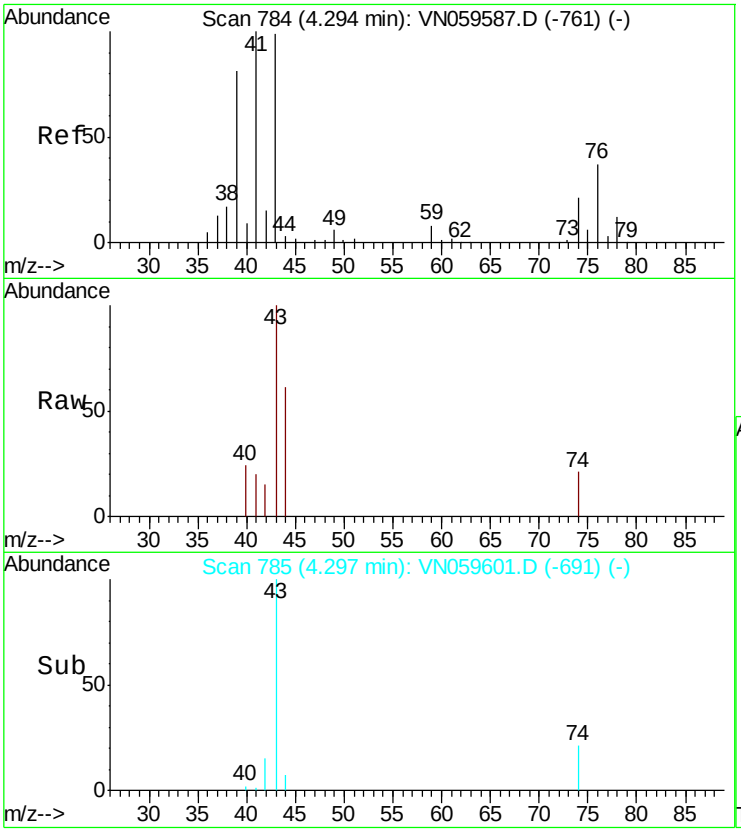


#17
Carbon Disulfide
Concen: 2.201 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 76 Resp: 3088

Ion	Ratio	Lower	Upper
76	100		
78	12.7	7.4	11.0#



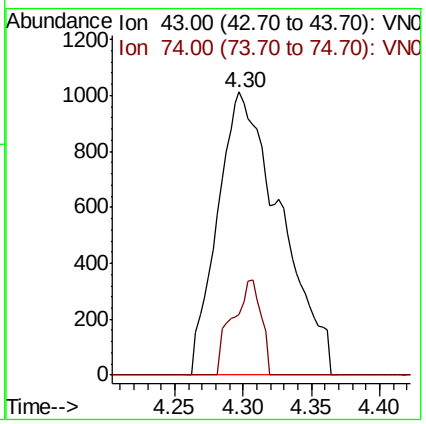


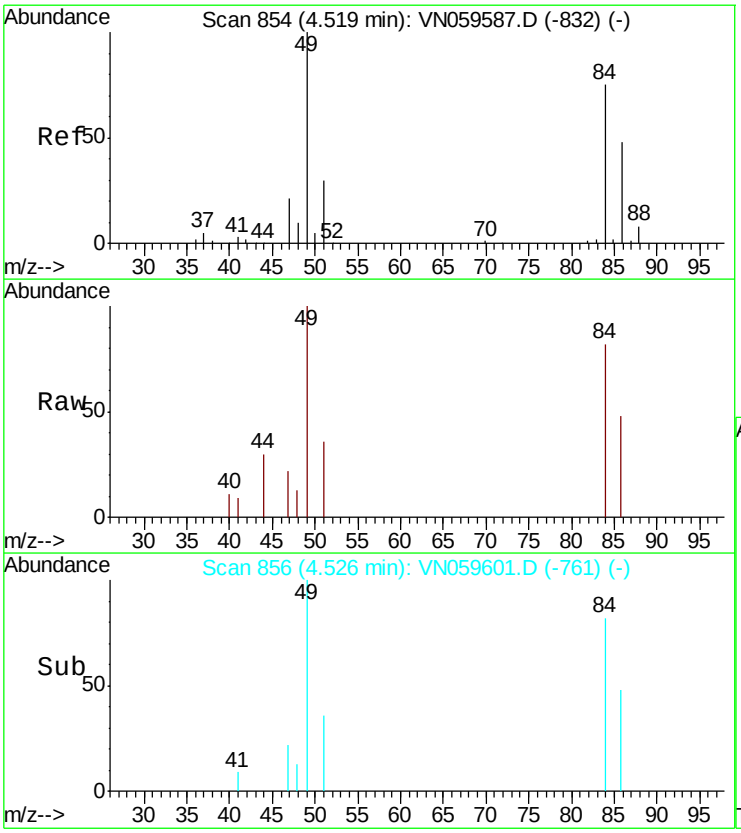
#18
Methyl Acetate
Concen: 0.728 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion: 43 Resp: 3252

Ion	Ratio	Lower	Upper
43	100		
74	15.2	17.5	26.3#

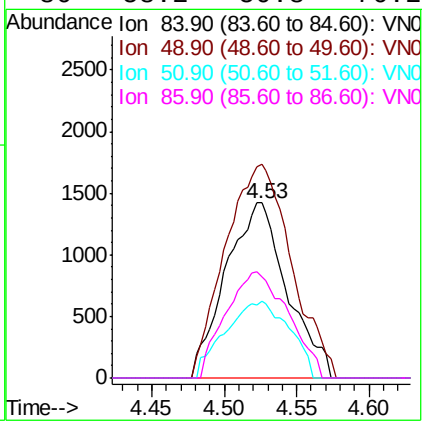


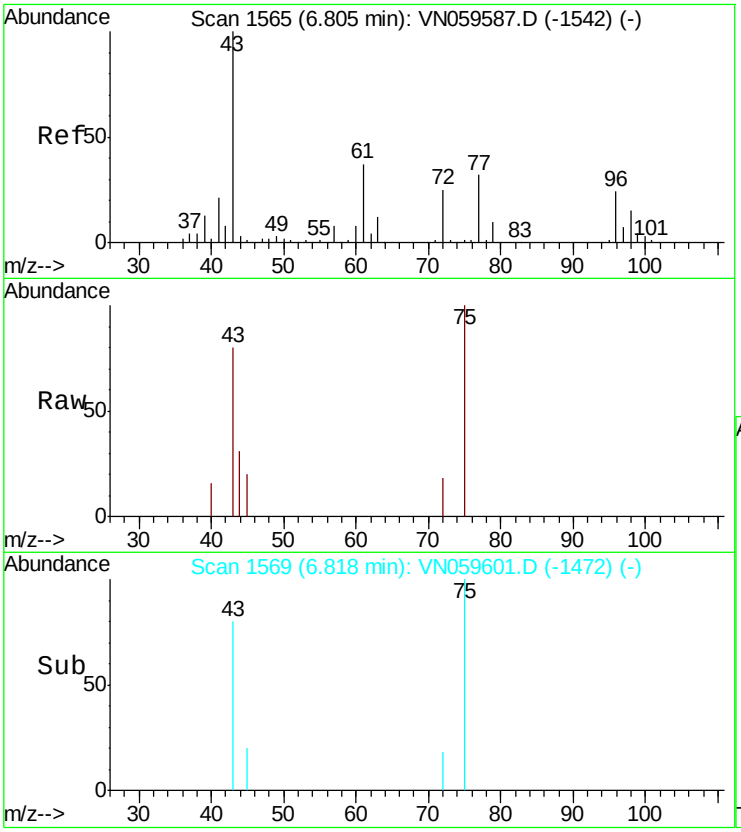


#20
Methylene Chloride
Concen: 1.355 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 84 Resp: 4175

Ion	Ratio	Lower	Upper
84	100		
49	122.1	106.6	160.0
51	43.7	31.9	47.9
86	58.2	50.8	76.2



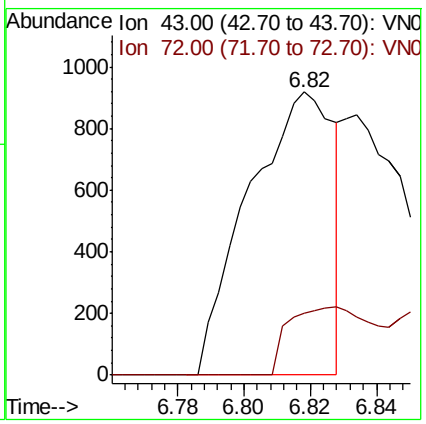


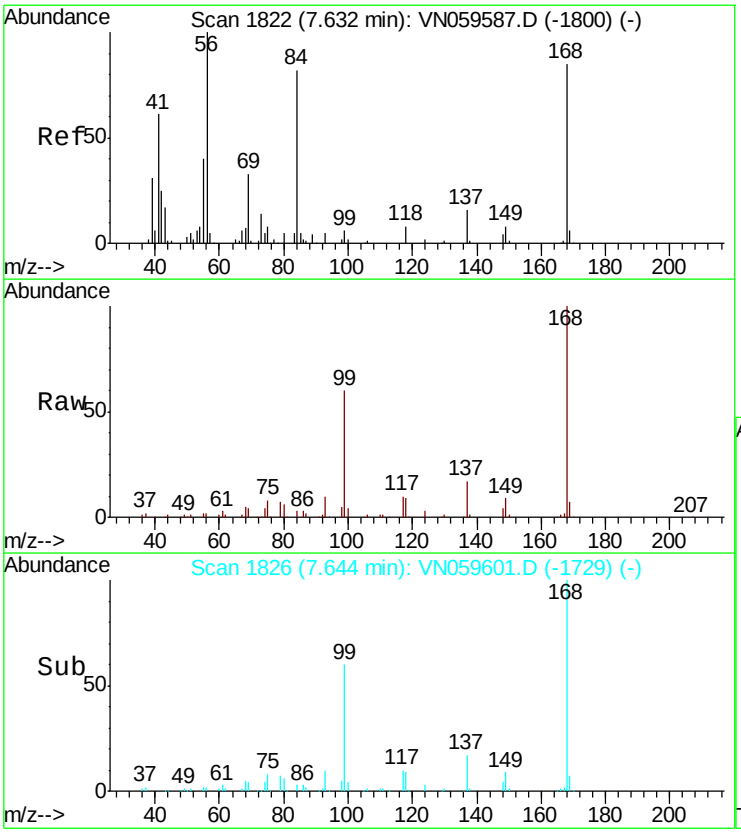
#25
2-Butanone
Concen: 0.643 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion: 43 Resp: 1640

Ion	Ratio	Lower	Upper
43	100		
72	22.0	19.9	29.9

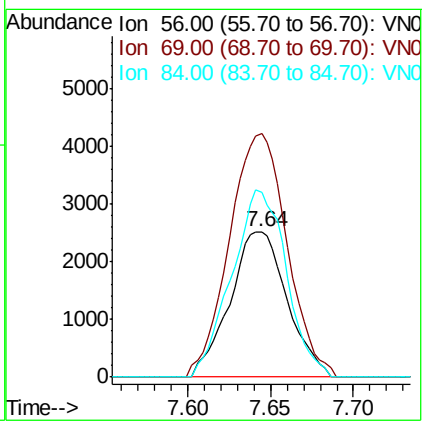


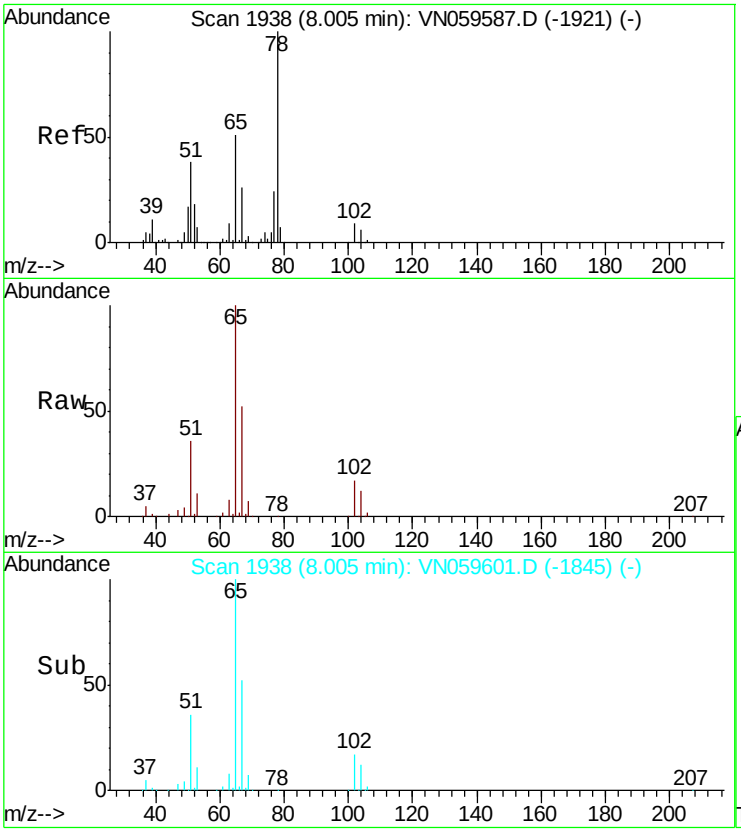


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 56 Resp: 6028

Ion	Ratio	Lower	Upper
56	100		
69	167.6	26.5	39.7#
84	127.2	65.3	97.9#



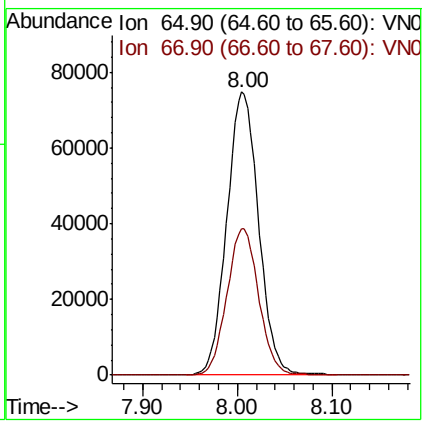


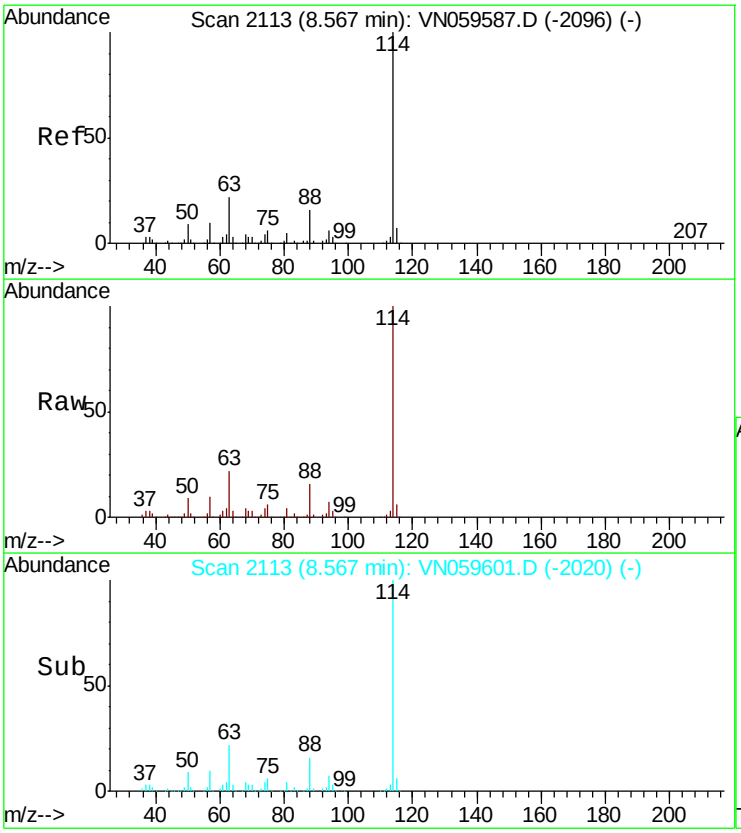
#33
1,2-Dichloroethane-d4
Concen: 48.626 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion: 65 Resp: 174669

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0

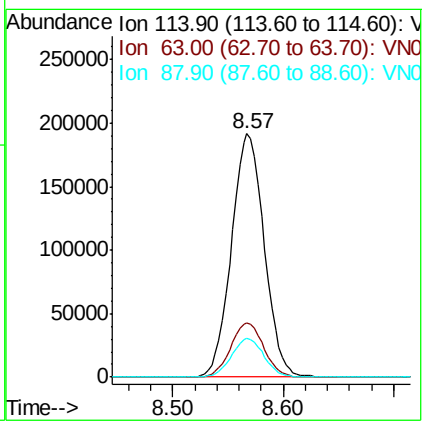


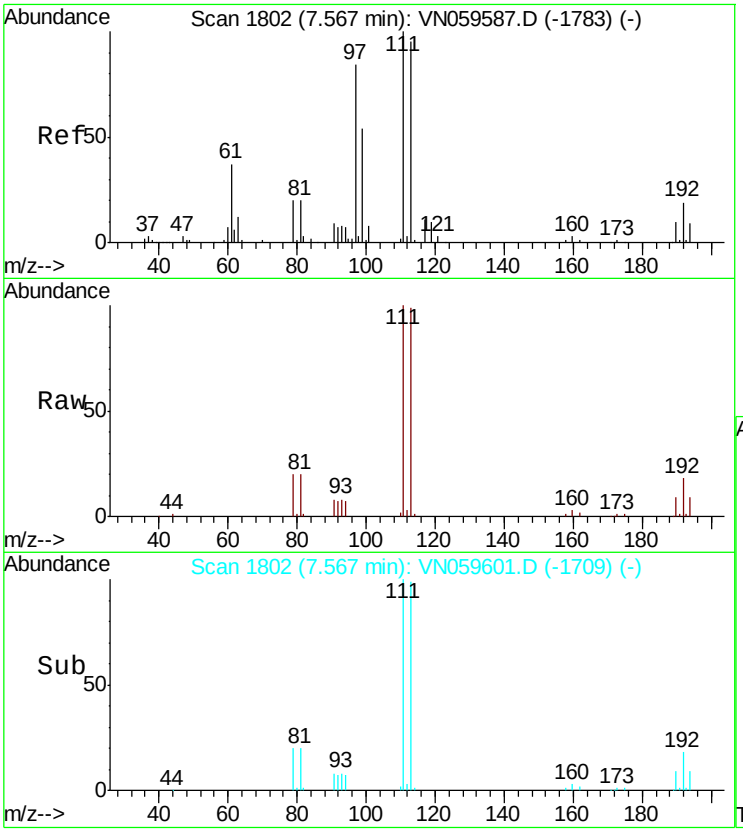


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion:114 Resp: 394496

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.6
88	16.1	0.0	31.4



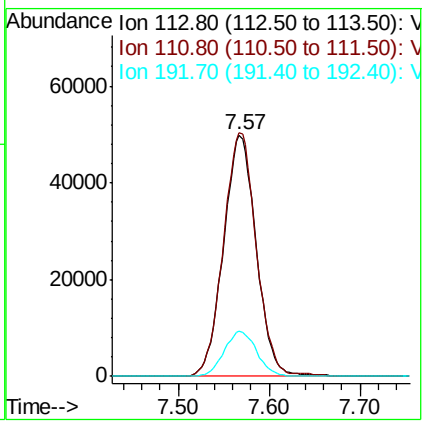


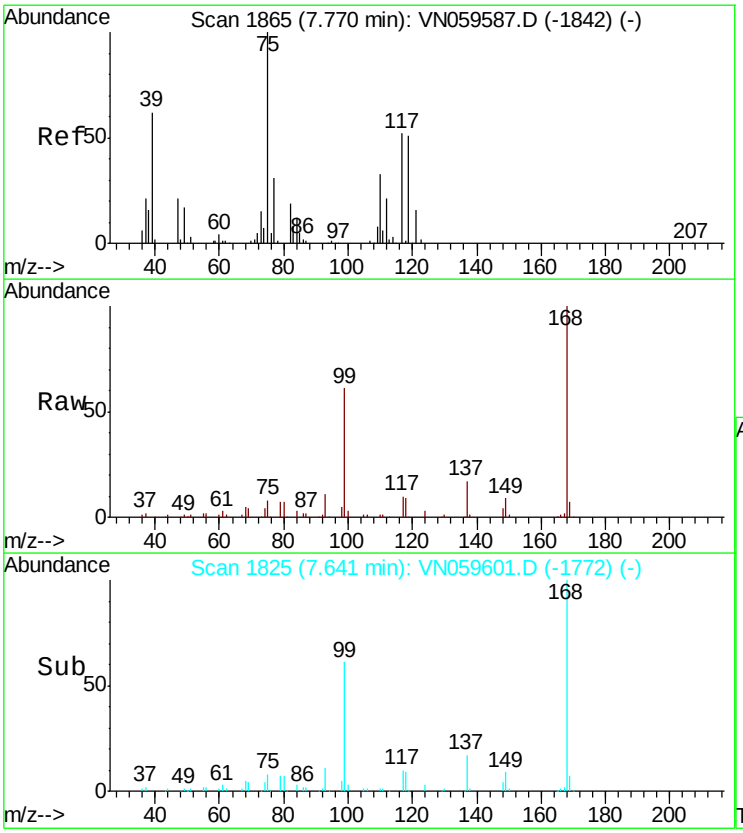
#35
Dibromofluoromethane
Concen: 50.418 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion:113 Resp: 124448

Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.5	125.3
192	18.5	15.4	23.2

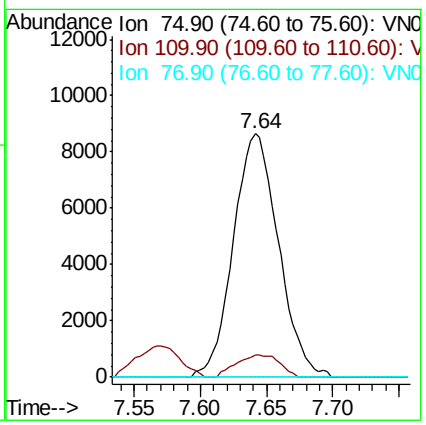


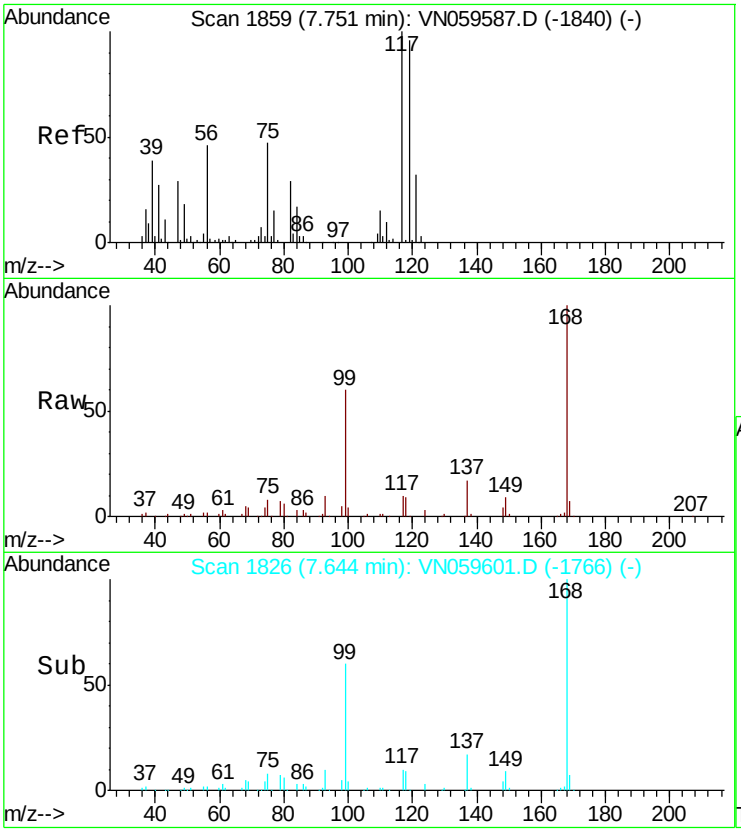


#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 75 Resp: 20491

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.6	49.7#
77	0.0	25.1	37.7#



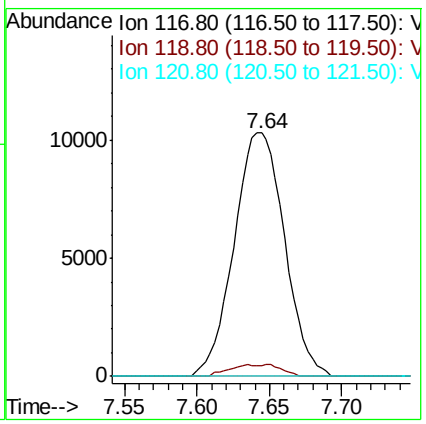


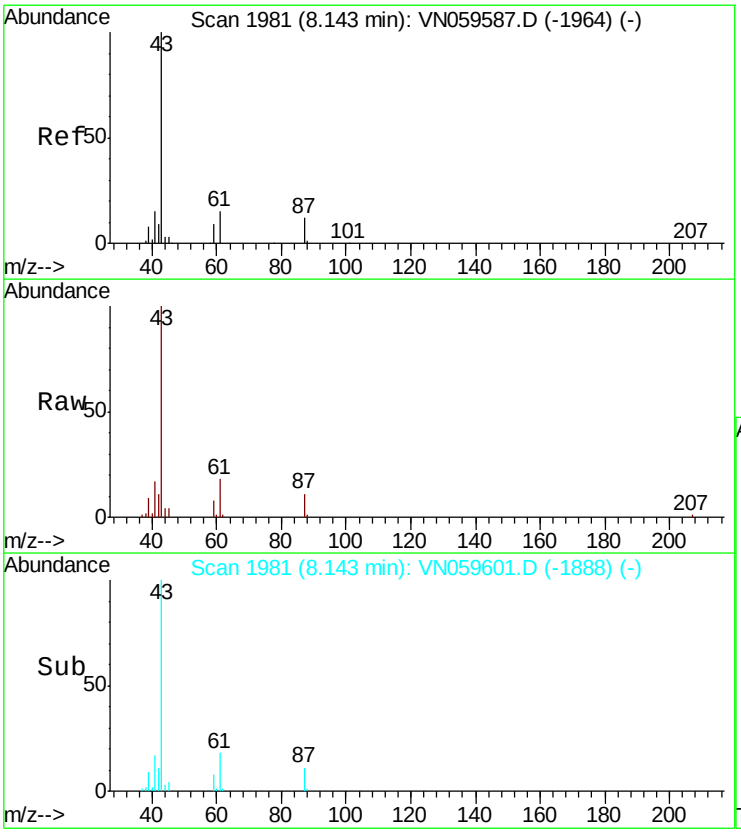
#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion:117 Resp: 24905

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.5	114.7#
121	0.0	25.1	37.7#

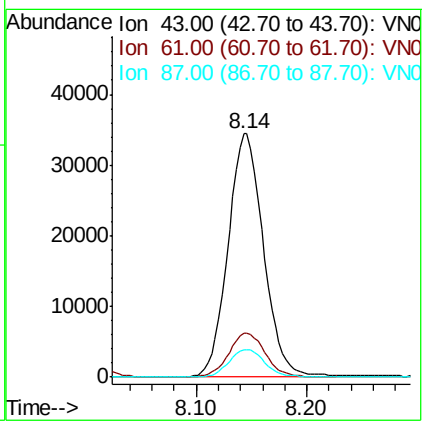


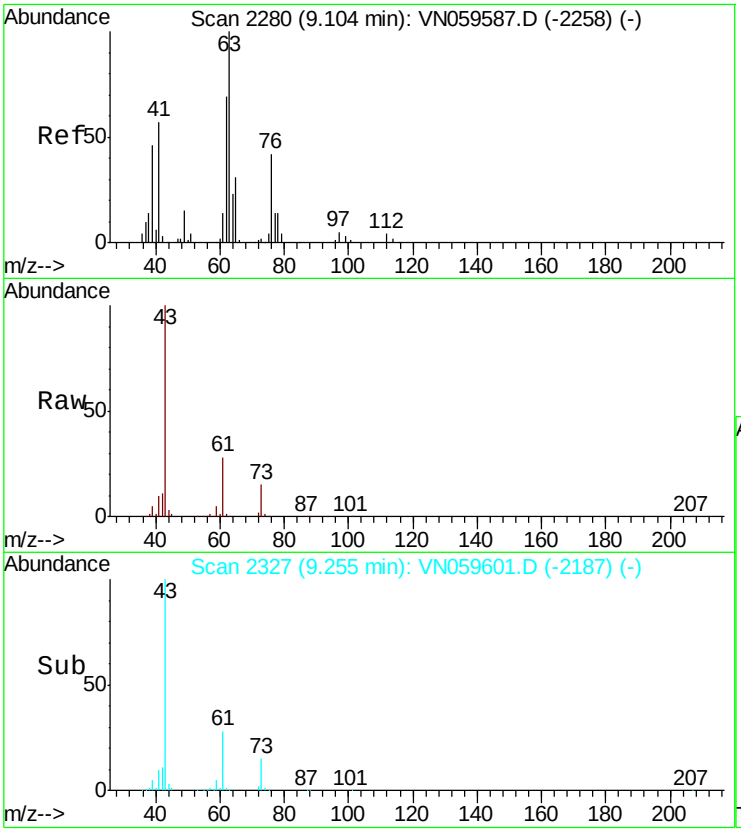


#43
Isopropyl Acetate
Concen: 10.336 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 43 Resp: 76842

Ion	Ratio	Lower	Upper
43	100		
61	18.5	20.2	30.2#
87	11.4	9.5	14.3



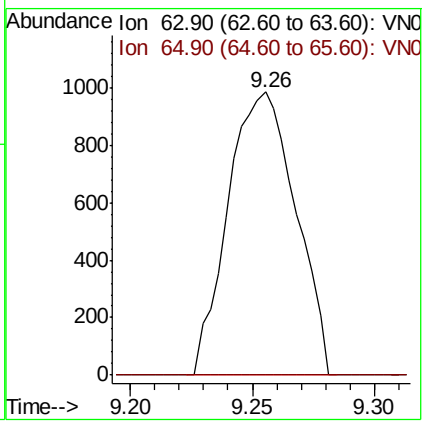


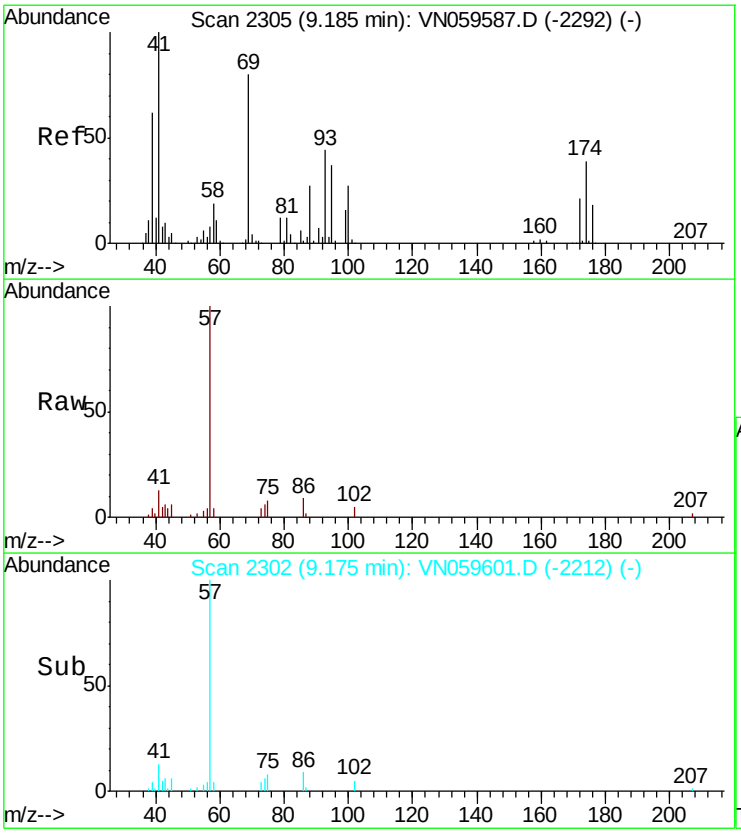
#45
1,2-Dichloropropane
Concen: 0.582 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.15 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion: 63 Resp: 1891

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#

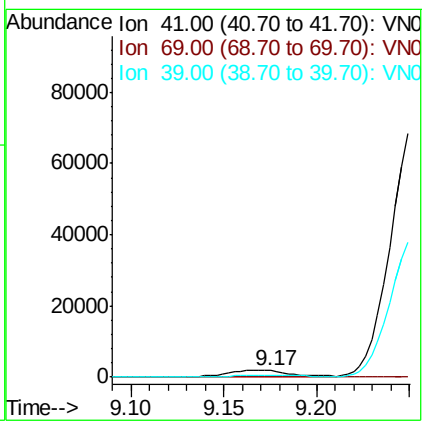


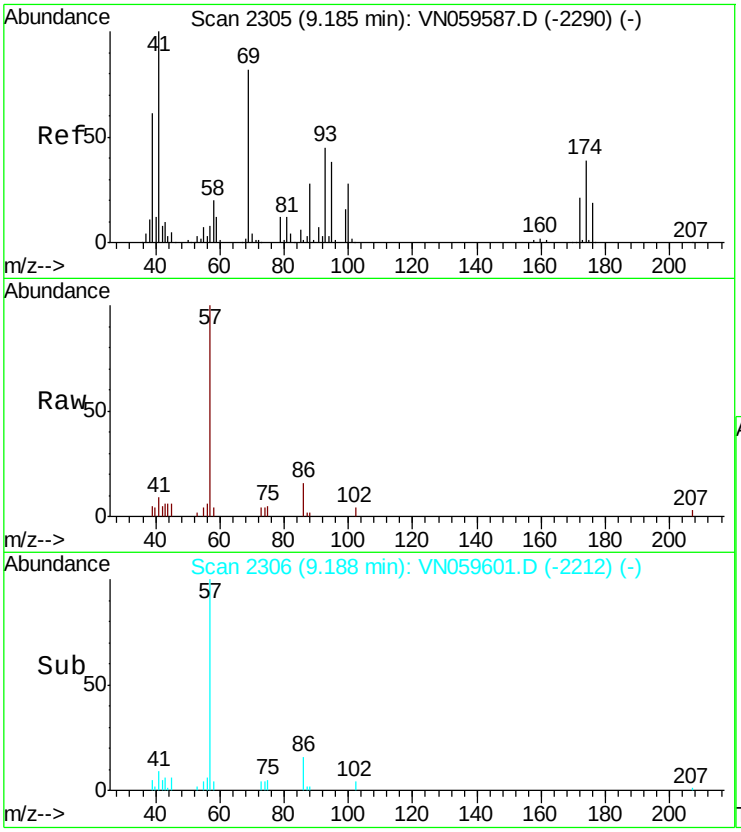


#48
Methyl methacrylate
Concen: 1.325 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 41 Resp: 4470

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.4	96.6#
39	0.0	51.3	76.9#



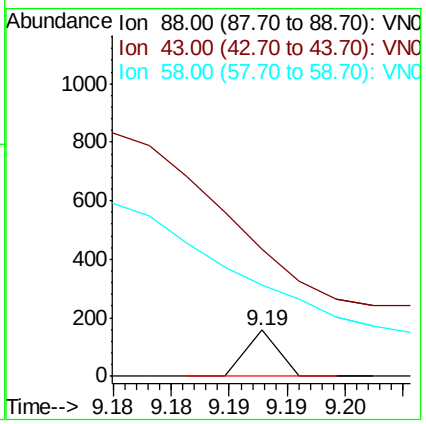


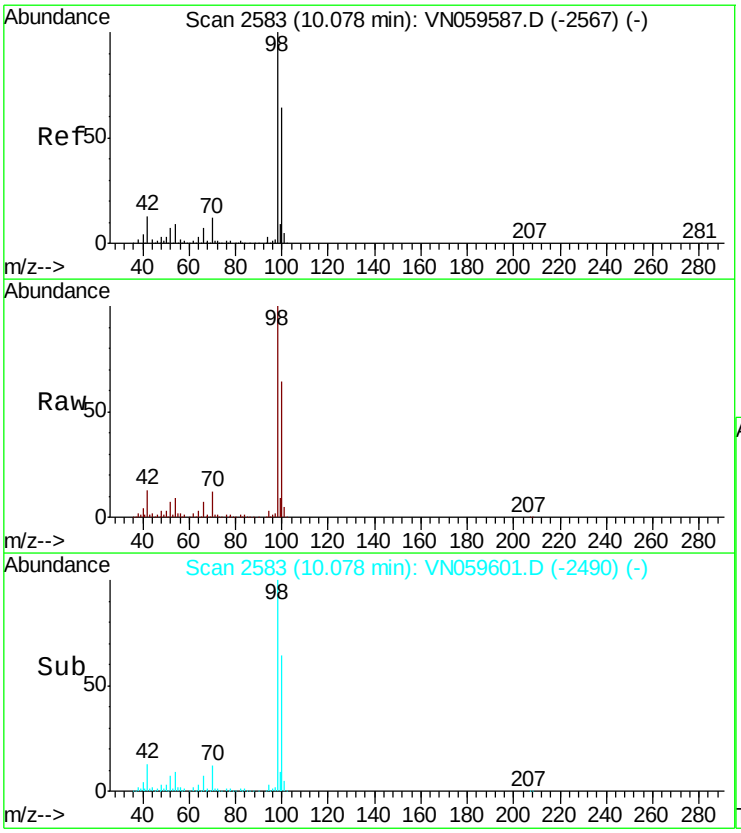
#49
1,4-Dioxane
Concen: 0.621 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.7	44.5#
58	4140.0	56.6	85.0#

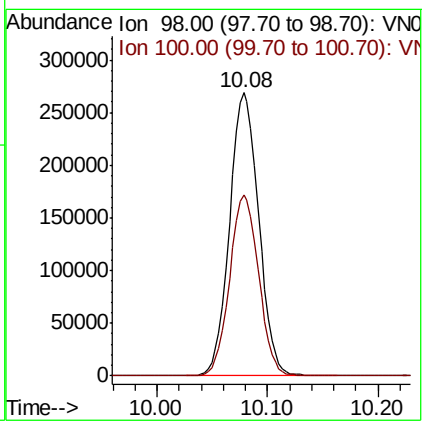


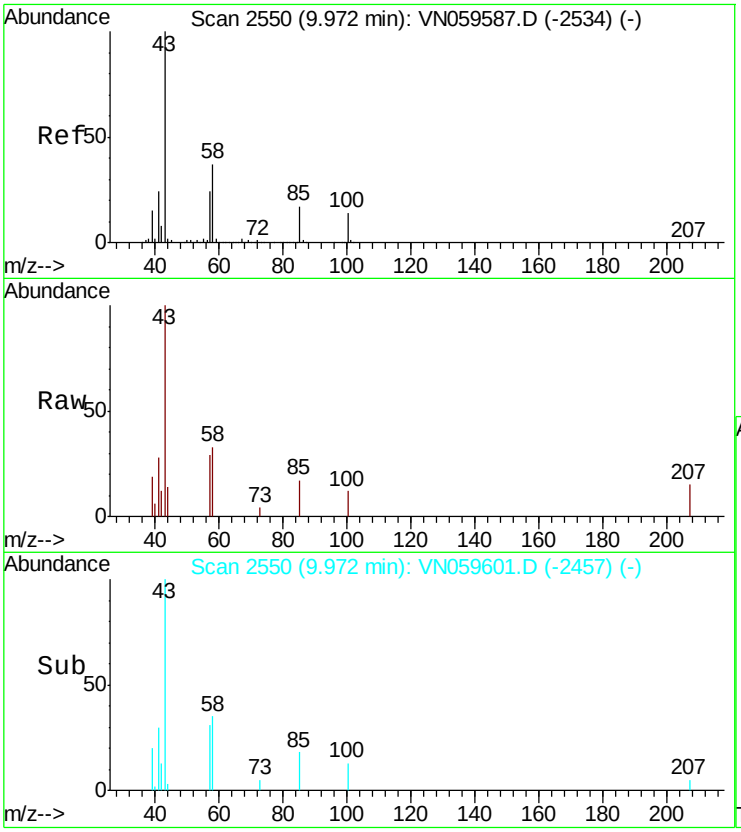


#50
Toluene-d8
Concen: 50.256 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 98 Resp: 491123

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8



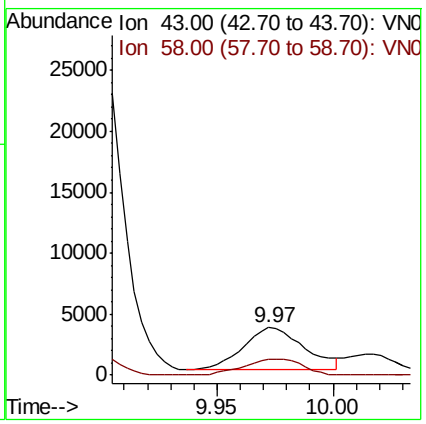


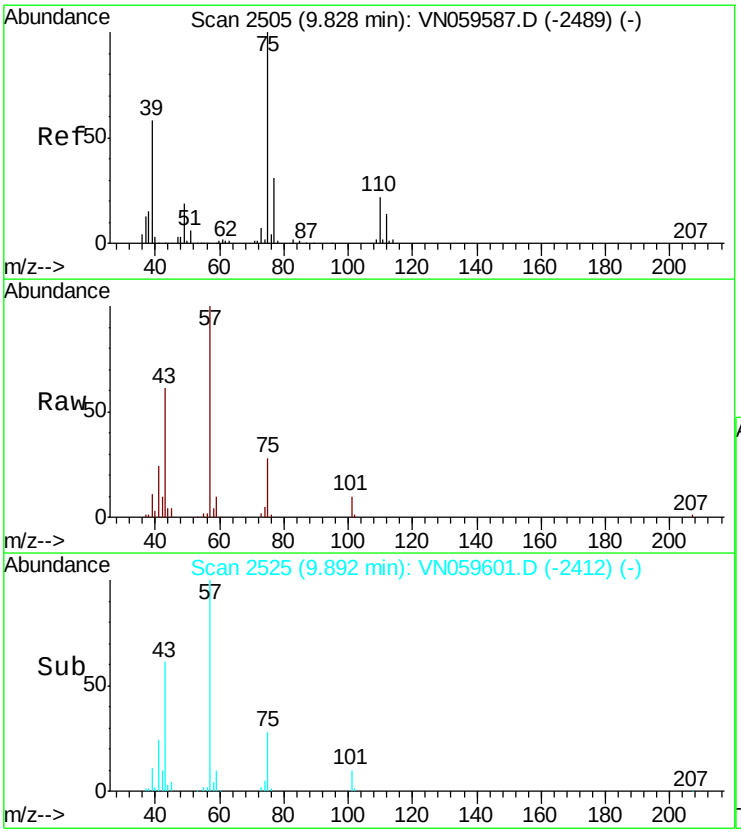
#51
4-Methyl-2-Pentanone
Concen: 1.441 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion: 43 Resp: 6385

Ion	Ratio	Lower	Upper
43	100		
58	35.6	29.8	44.8

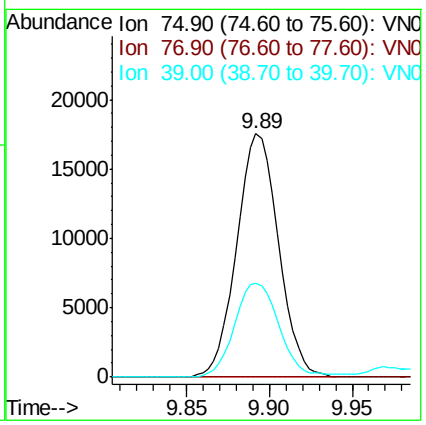


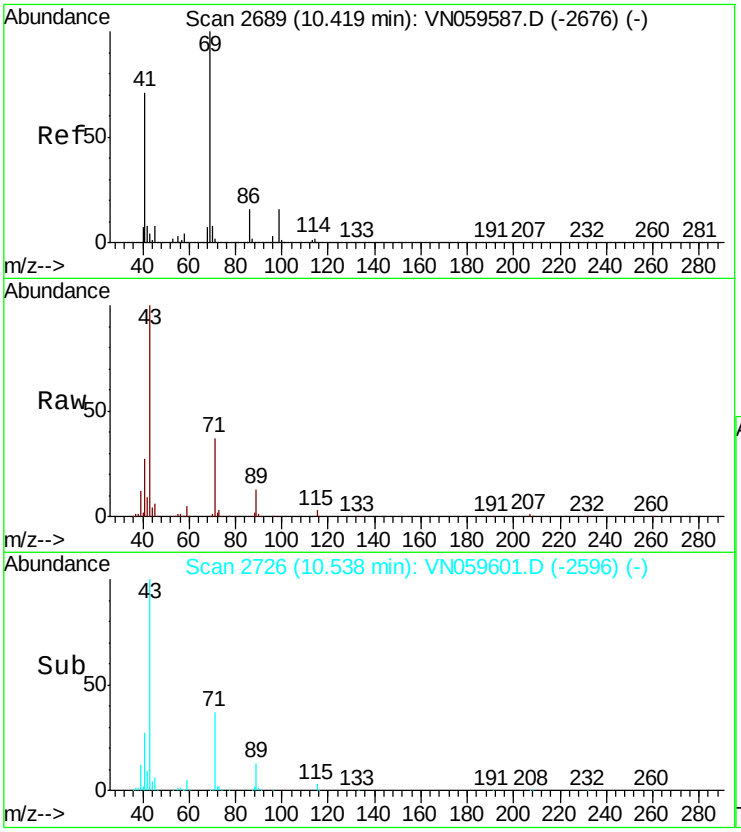


#54
cis-1,3-Dichloropropene
Concen: 5.975 ug/l
RT: 9.89 min Scan# 2525
Delta R.T. 0.06 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 75 Resp: 30803

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	38.8	46.1	69.1#



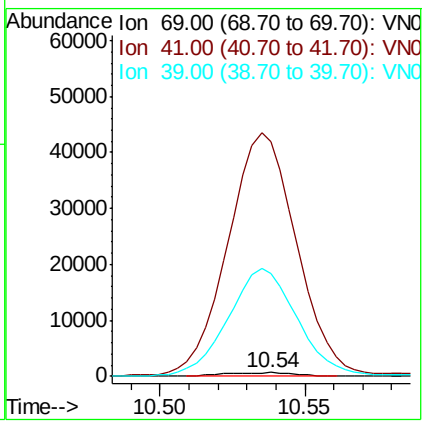


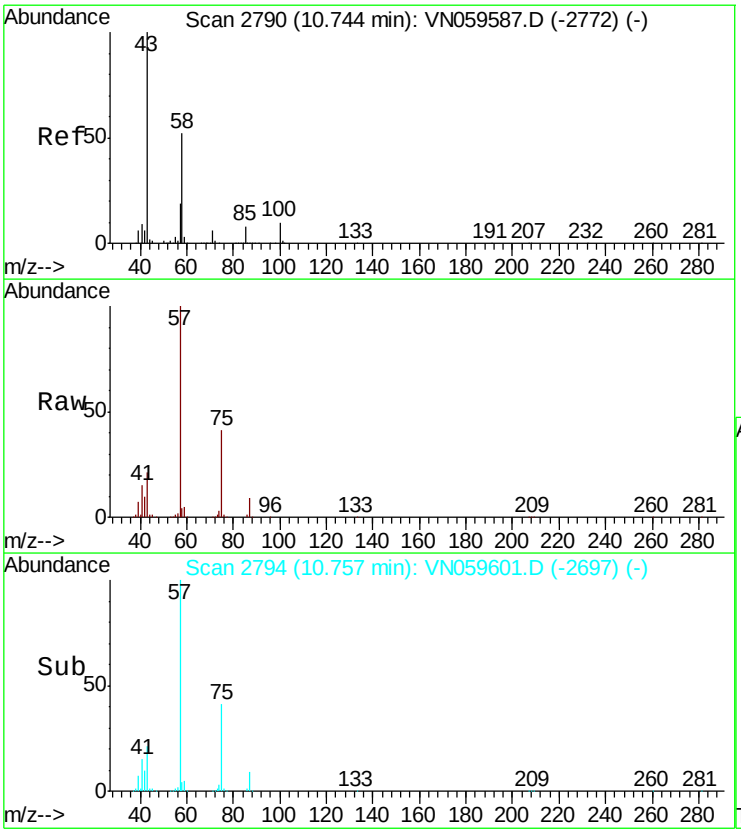
#56
Ethyl methacrylate
Concen: 0.263 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.12 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion: 69 Resp: 1131

Ion	Ratio	Lower	Upper
69	100		
41	6408.0	57.1	85.7#
39	2823.0	34.7	52.1#

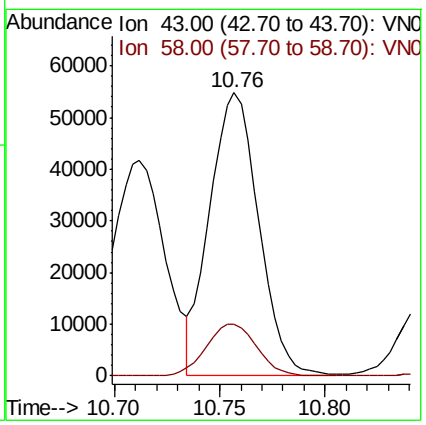


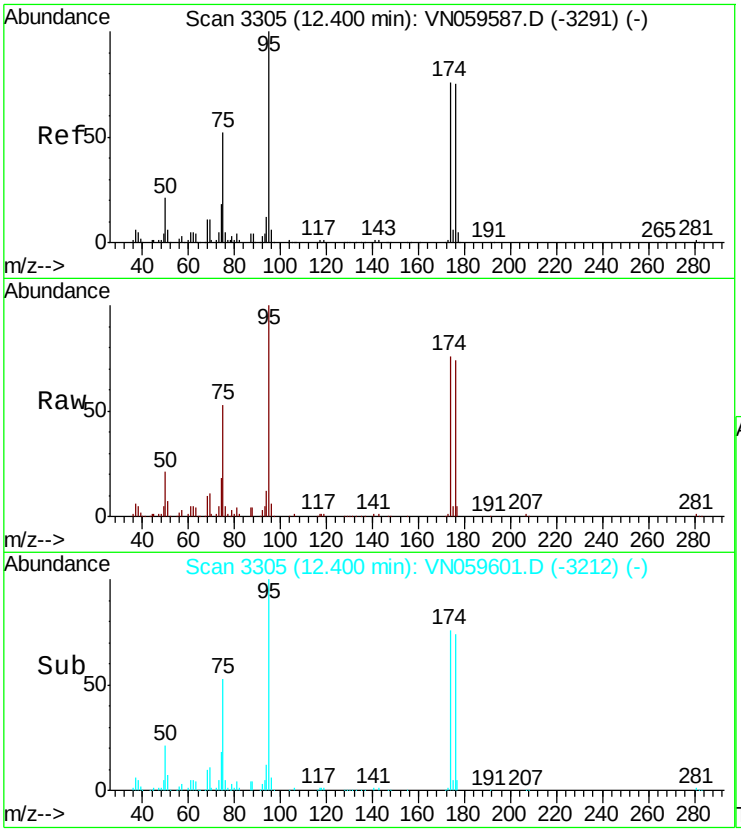


#59
2-Hexanone
Concen: 25.177 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 43 Resp: 87952

Ion	Ratio	Lower	Upper
43	100		
58	19.0	25.8	77.3#



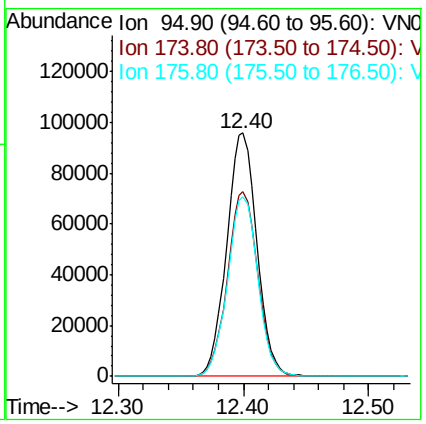


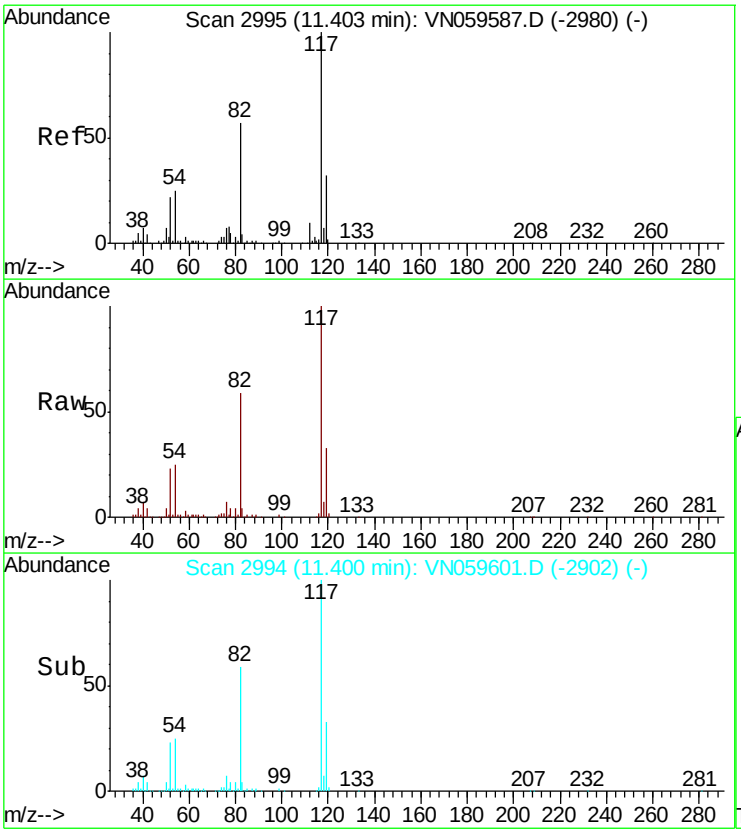
#62
4-Bromofluorobenzene
Concen: 44.913 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion: 95 Resp: 160155

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	151.4
176	74.0	0.0	146.0

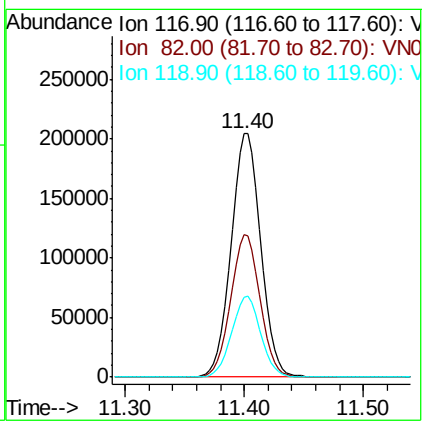


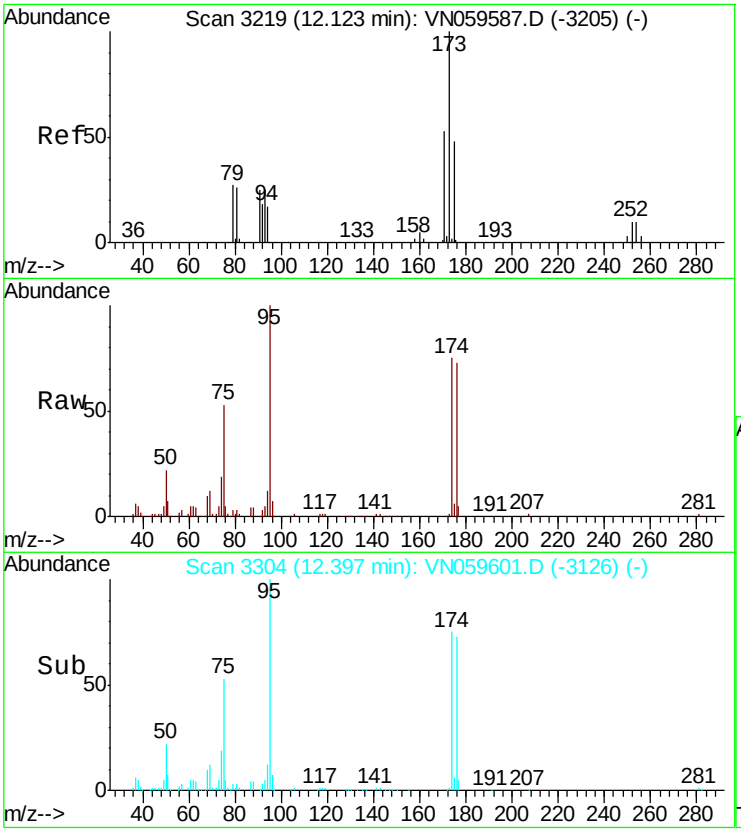


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion:117 Resp: 352519

Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.9	68.9
119	32.7	25.5	38.3



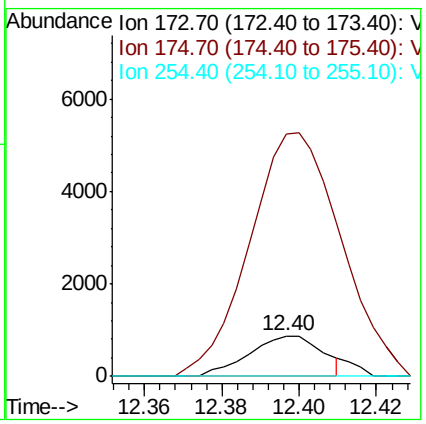


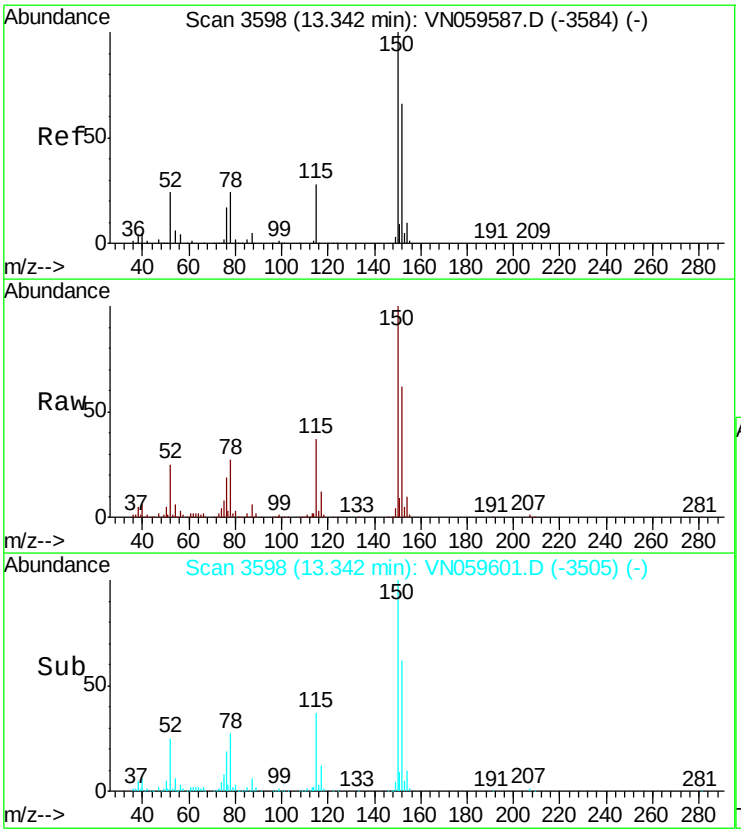
#71
Bromoform
Concen: 0.524 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion:173 Resp: 1142

Ion	Ratio	Lower	Upper
173	100		
175	654.3	23.8	71.4#
254	0.0	0.0	0.0

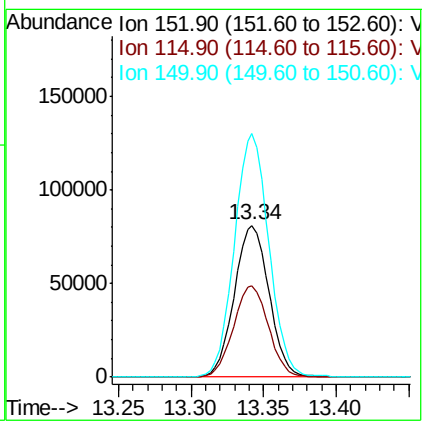


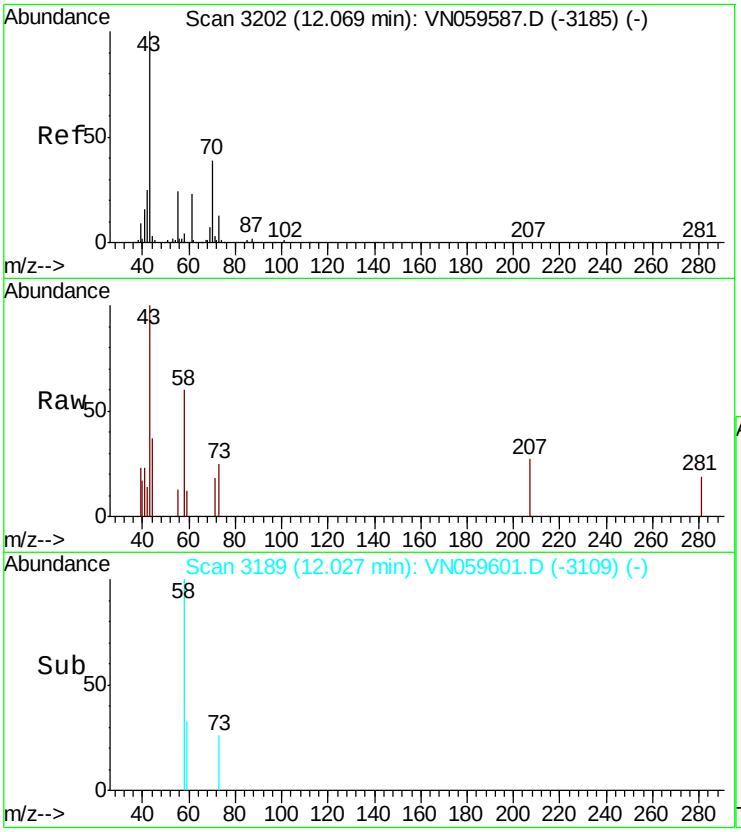


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion:152 Resp: 135085

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.3	90.9
150	159.1	0.0	345.2



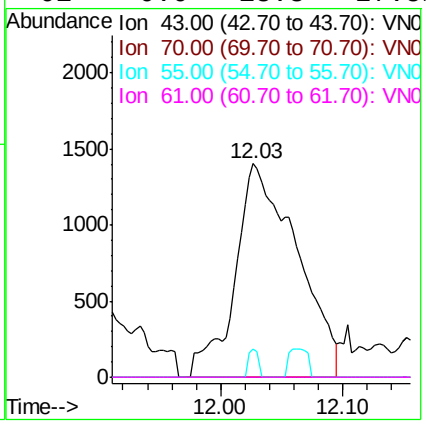


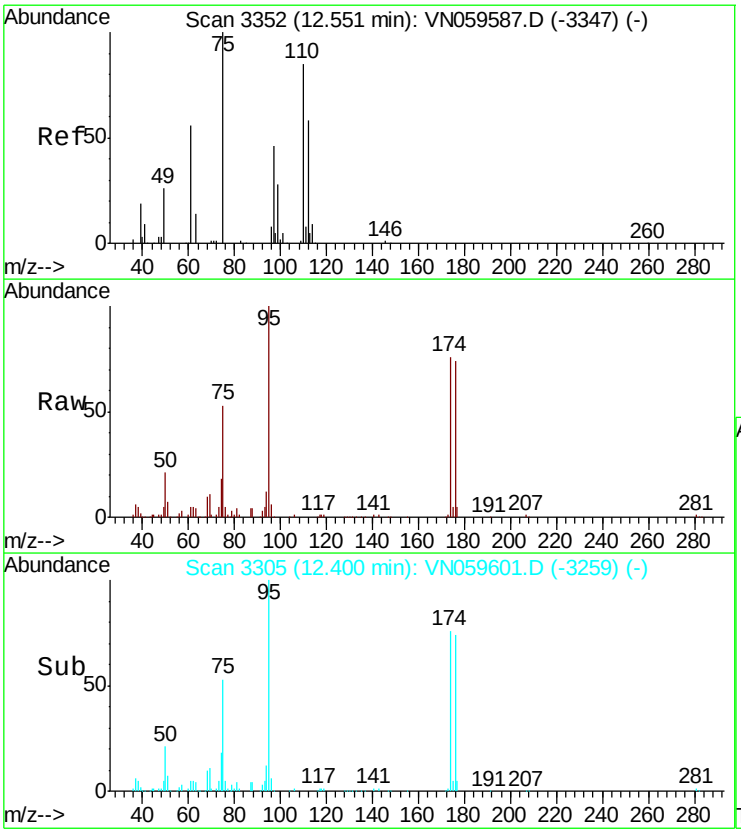
#74
N-amyl acetate
Concen: 1.011 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion: 43 Resp: 4919

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	2.1	19.8	29.6#
61	0.0	18.3	27.5#

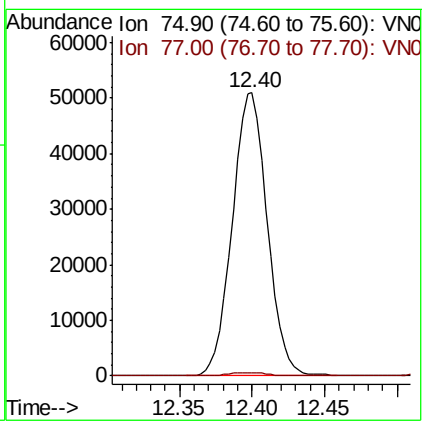


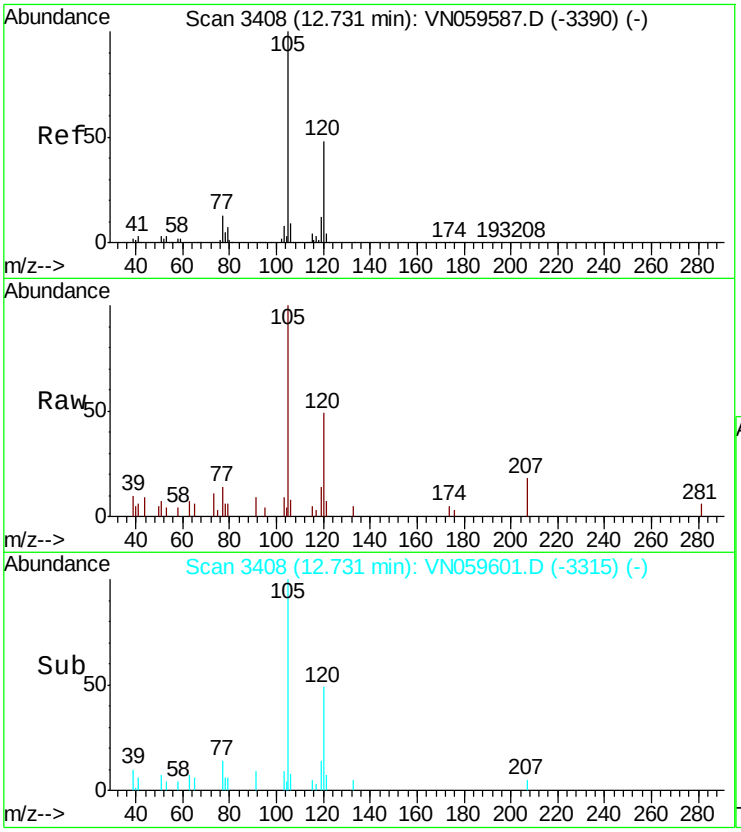


#76
1,2,3-Trichloropropane
Concen: 25.508 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 75 Resp: 85303

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



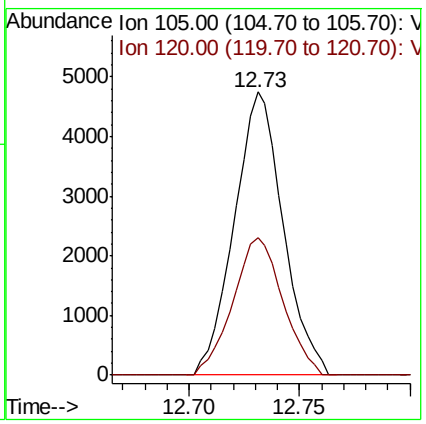


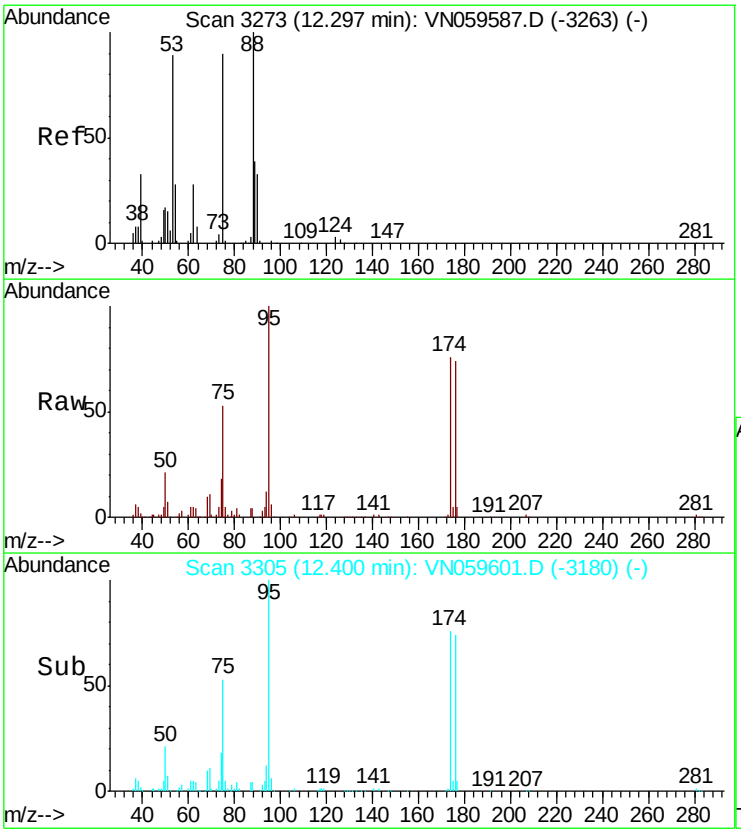
#80
1,3,5-Trimethylbenzene
Concen: 0.814 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion:105 Resp: 7304

Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.1	72.4

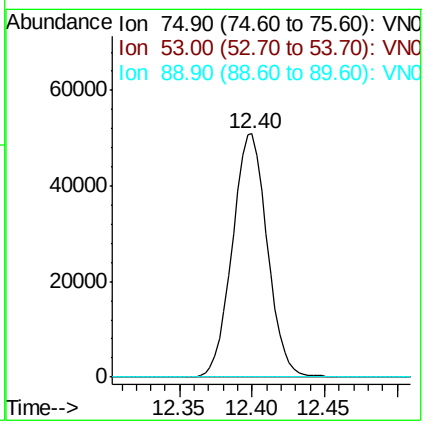


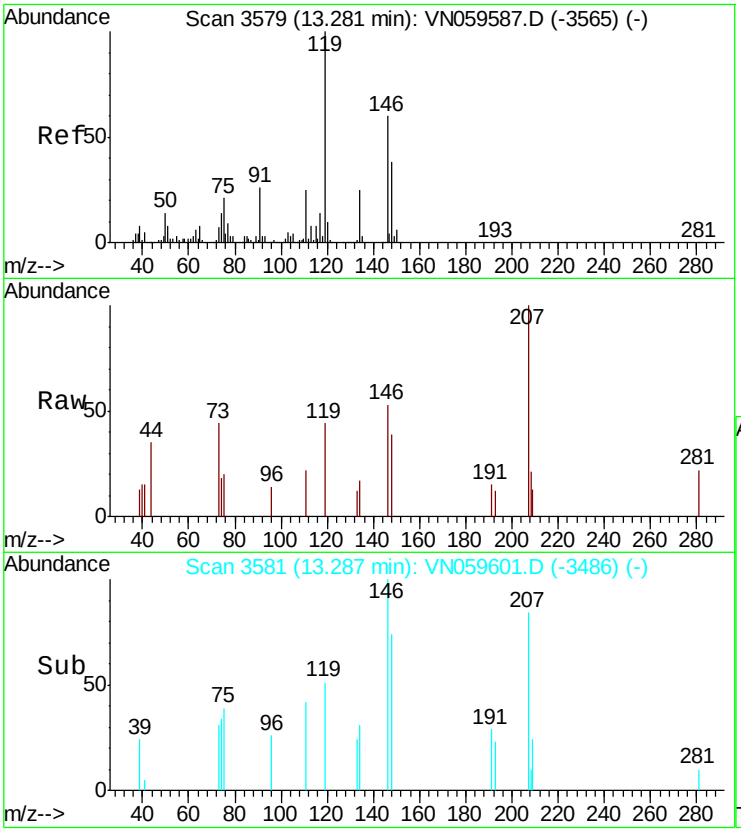


#81
trans-1,4-Dichloro-2-butene
Concen: 63.003 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 75 Resp: 85303

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.1	117.1#
89	0.0	35.4	53.2#



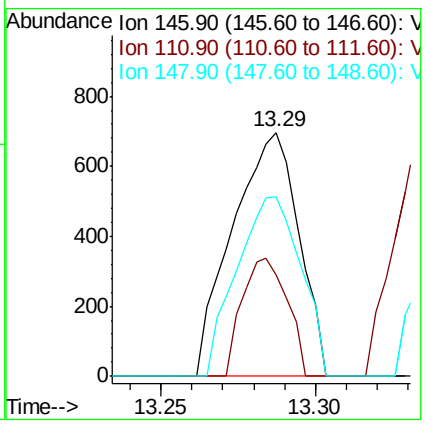


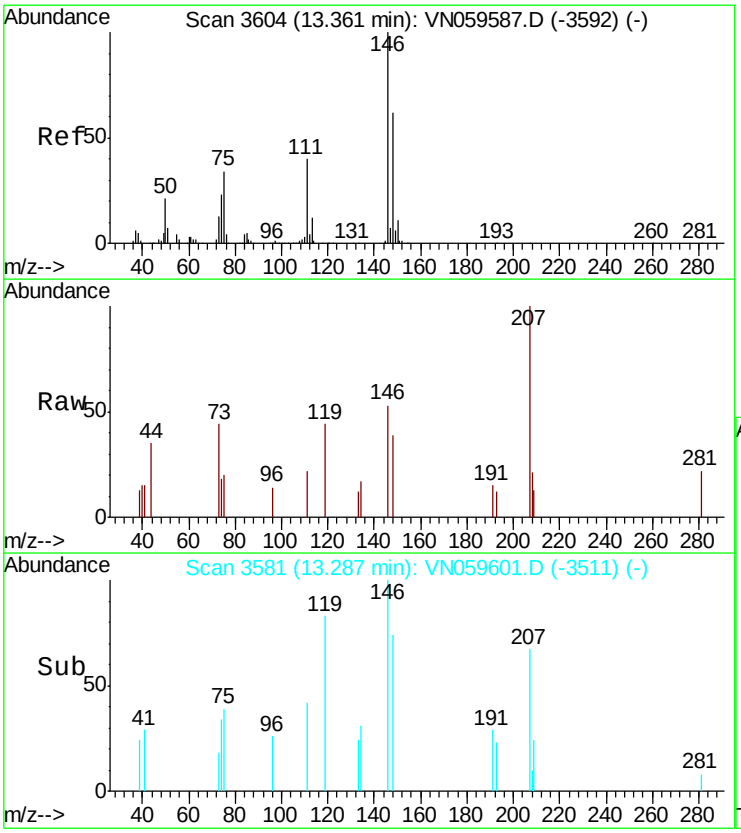
#87
1,3-Dichlorobenzene
Concen: 0.216 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion:146 Resp: 1036

Ion	Ratio	Lower	Upper
146	100		
111	32.8	20.8	62.2
148	71.2	32.0	96.0

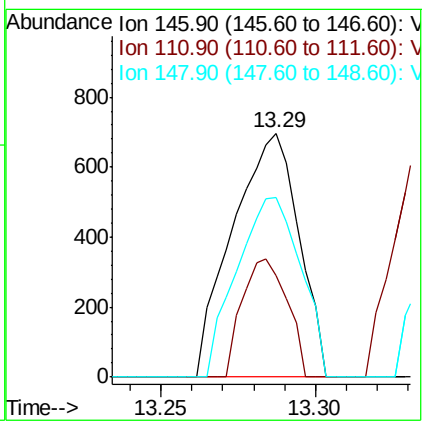


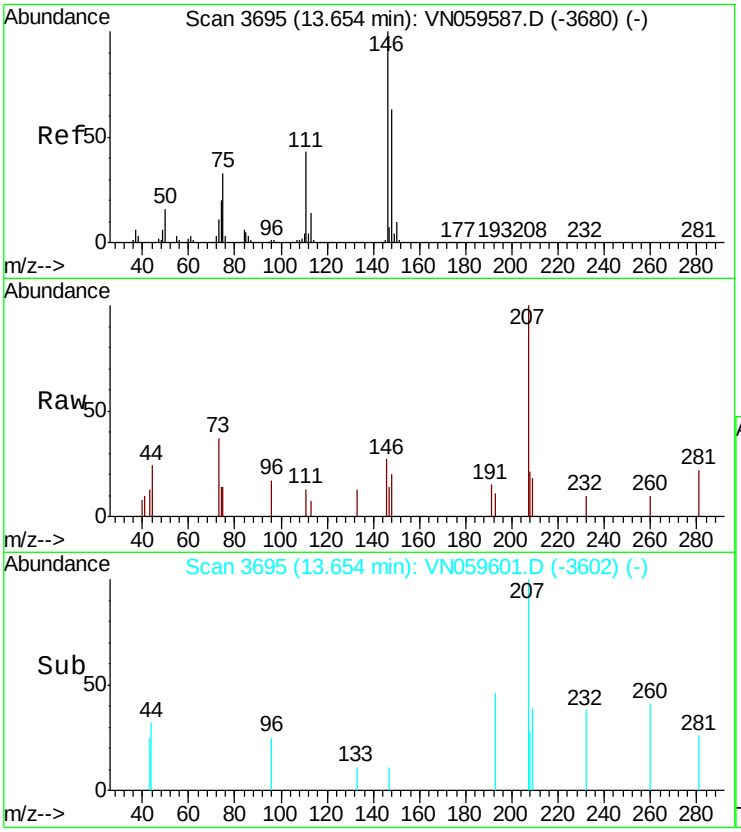


#88
1,4-Dichlorobenzene
Concen: 0.214 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.07 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion:146 Resp: 1036

Ion	Ratio	Lower	Upper
146	100		
111	32.8	20.8	62.2
148	71.2	31.8	95.4



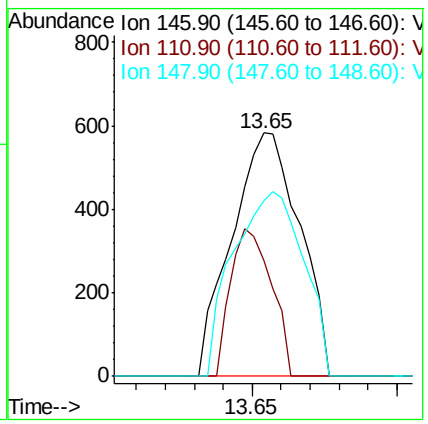


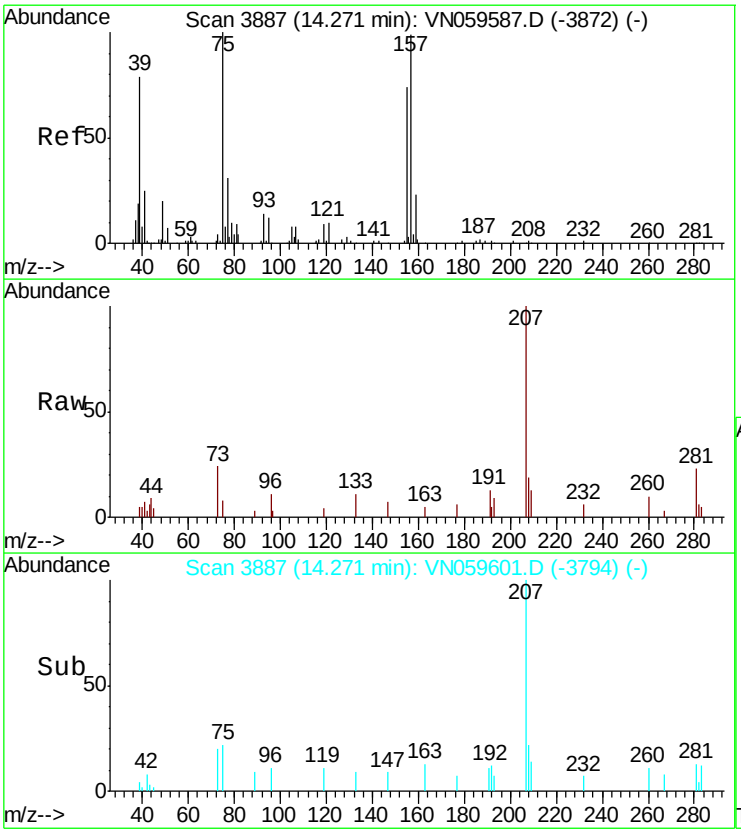
#91
1,2-Dichlorobenzene
Concen: 0.200 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument : MSVOA_N
ClientSampleId : PB125424TB

Tgt Ion:146 Resp: 948

Ion	Ratio	Lower	Upper
146	100		
111	36.5	21.6	64.8
148	78.6	31.6	95.0

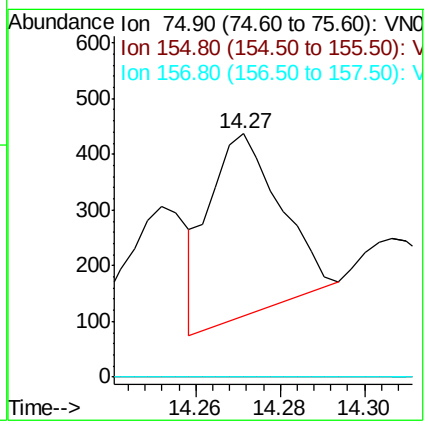


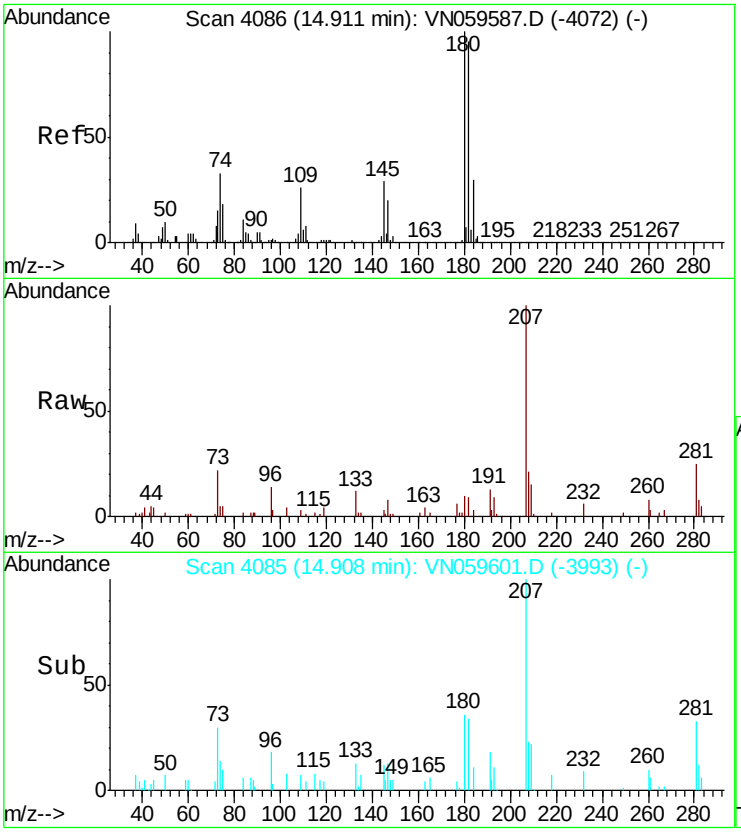


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.015 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion: 75 Resp: 383

Ion	Ratio	Lower	Upper
75	100		
155	0.0	37.0	110.9#
157	0.0	48.4	145.2#



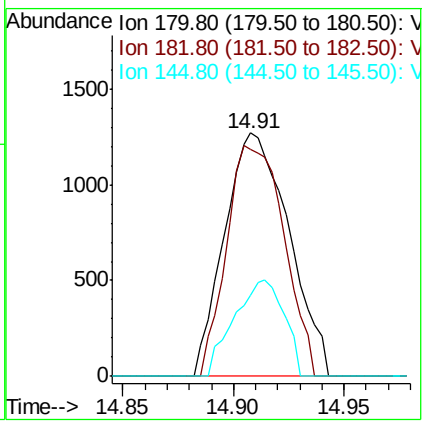


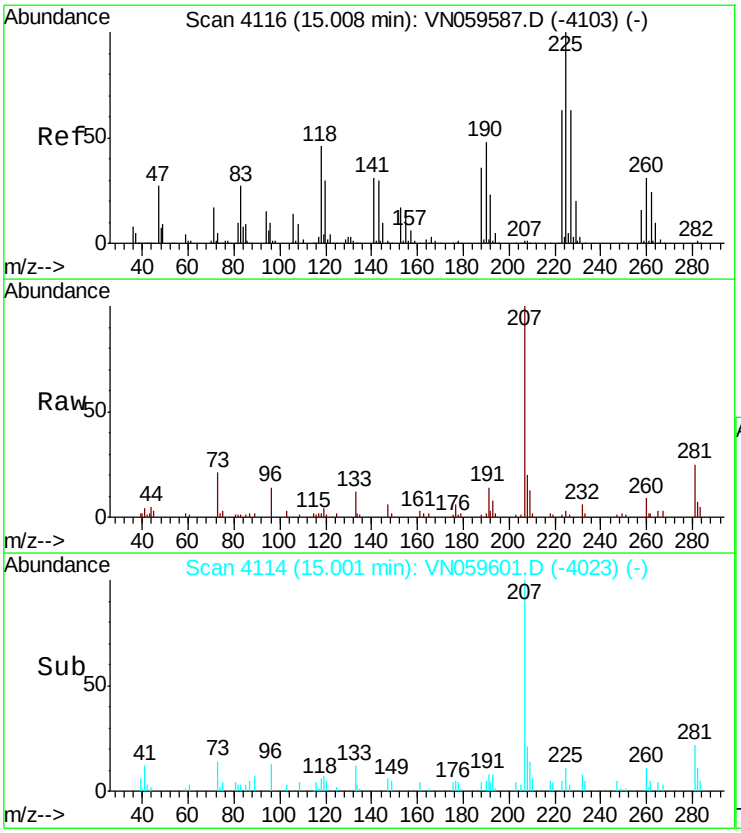
#93
1,2,4-Trichlorobenzene
Concen: 0.839 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion:180 Resp: 2563

Ion	Ratio	Lower	Upper
180	100		
182	84.5	46.9	140.7
145	30.7	15.0	45.1

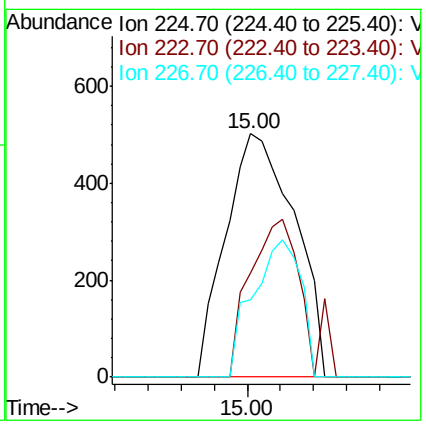


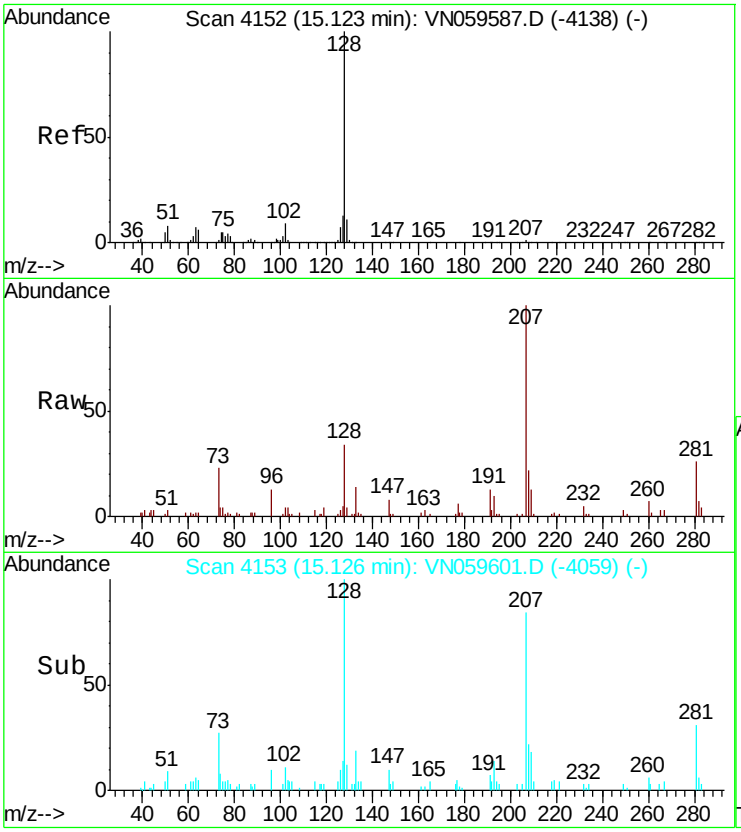


#94
Hexachlorobutadiene
Concen: 2.087 ug/l
RT: 15.00 min Scan# 4114
Delta R.T. -0.01 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion:225 Resp: 725

Ion	Ratio	Lower	Upper
225	100		
223	49.7	31.8	95.3
227	39.4	32.1	96.5



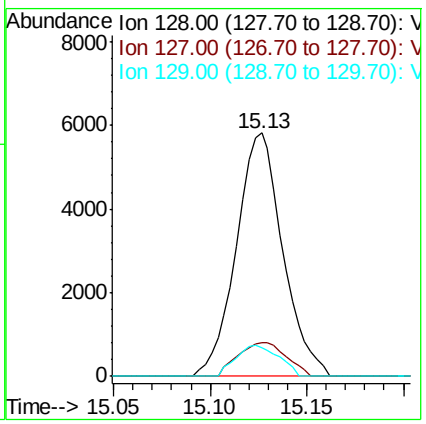


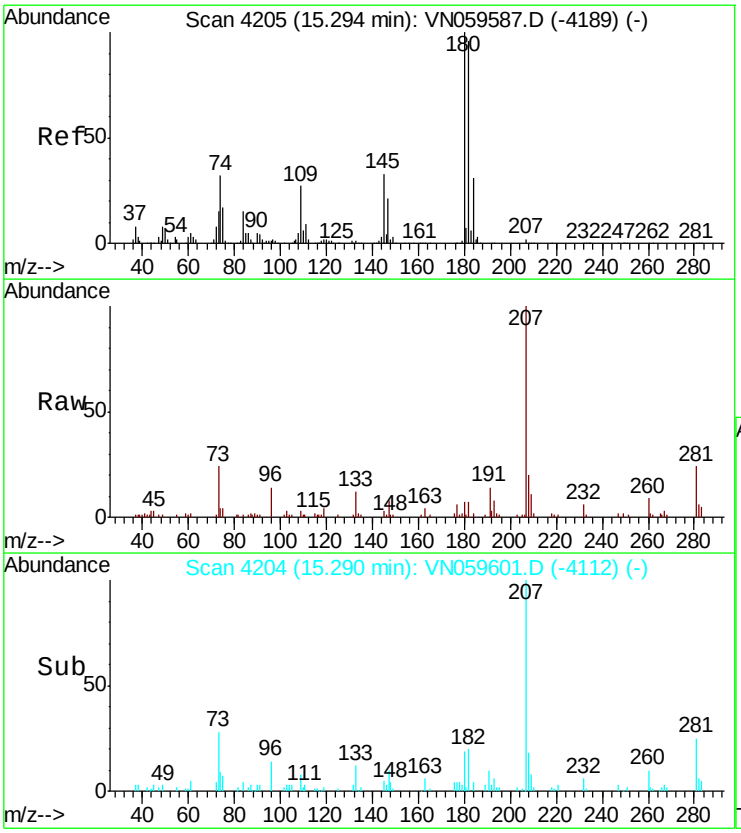
#95
Naphthalene
Concen: 1.068 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Instrument :
MSVOA_N
ClientSampleId :
PB125424TB

Tgt Ion:128 Resp: 9732

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.4	15.6
129	11.7	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.972 ug/l
RT: 15.29 min Scan# 4204
Delta R.T. -0.00 min
Lab File: VN059601.D
Acq: 16 Dec 2019 14:32

Tgt Ion:180 Resp: 3003

Ion	Ratio	Lower	Upper
180	100		
182	85.0	47.4	142.3
145	38.2	16.3	48.9