Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061719\
Data File : VN056342.D
Acq On : 17 Jun 2019 15:58
Operator : JC/SP
Sample : K3389-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 18 04:36:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	338103	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	570980	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588888	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213789	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	194525	51.17 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%		
35) Dibromofluoromethane	7.59	113	168979	46.15 ug/l	0.00
Spiked Amount 50.000			Recovery = 92.30%		
50) Toluene-d8	10.09	98	714652	51.09 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.18%		
62) 4-Bromofluorobenzene	12.40	95	253581	54.71 ug/l	0.00
Spiked Amount 50.000			Recovery = 109.42%		
Target Compounds					Qvalue
11) Tert butyl alcohol	4.82	59	813	1.359 ug/l #	73
13) Acrolein	3.61	56	123	3.887 ug/l #	45
14) Allyl chloride	4.54	41	12155	2.310 ug/l #	27
16) Acetone	3.82	43	23299	11.091 ug/l	95
17) Carbon Disulfide	4.03	76	3703	0.441 ug/l	95
18) Methyl Acetate	4.34	43	5659	Below Cal #	82
20) Methylene Chloride	4.54	84	334059	90.059 ug/l	98
25) 2-Butanone	6.85	43	11523	4.526 ug/l	100
29) Tetrahydrofuran	7.22	42	2079	1.375 ug/l #	89
31) Cyclohexane	7.66	56	5470	0.934 ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21518	4.188 ug/l #	48
38) Carbon Tetrachloride	7.66	117	29130	5.907 ug/l #	16
41) Methacrylonitrile	7.22	41	717	0.321 ug/l #	34
43) Isopropyl Acetate	8.17	43	11572	1.486 ug/l	96
45) 1,2-Dichloropropane	9.27	63	1262	0.306 ug/l #	44
48) Methyl methacrylate	9.18	41	8852	2.253 ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	4757	0.958 ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	49415	8.250 ug/l #	63
57) 1,3-Dichloropropane	10.76	76	9305	1.413 ug/l #	42
59) 2-Hexanone	10.76	43	131600	35.744 ug/l #	52
71) Bromoform	12.40	173	1726	0.498 ug/l #	1
73) Isopropylbenzene	12.25	105	184	Below Cal #	48
76) 1,2,3-Trichloropropane	12.40	75	119207	26.098 ug/l #	100
79) 2-Chlorotoluene	12.67	91	94	Below Cal #	39
81) trans-1,4-Dichloro-2-buten	12.40	75	119207	81.084 ug/l #	13
90) Hexachloroethane	14.00	117	151	Below Cal #	4
93) 1,2,4-Trichlorobenzene	14.91	180	370	5.396 ug/l	71
95) Naphthalene	15.14	128	1425	4.793 ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	429	3.905 ug/l	77

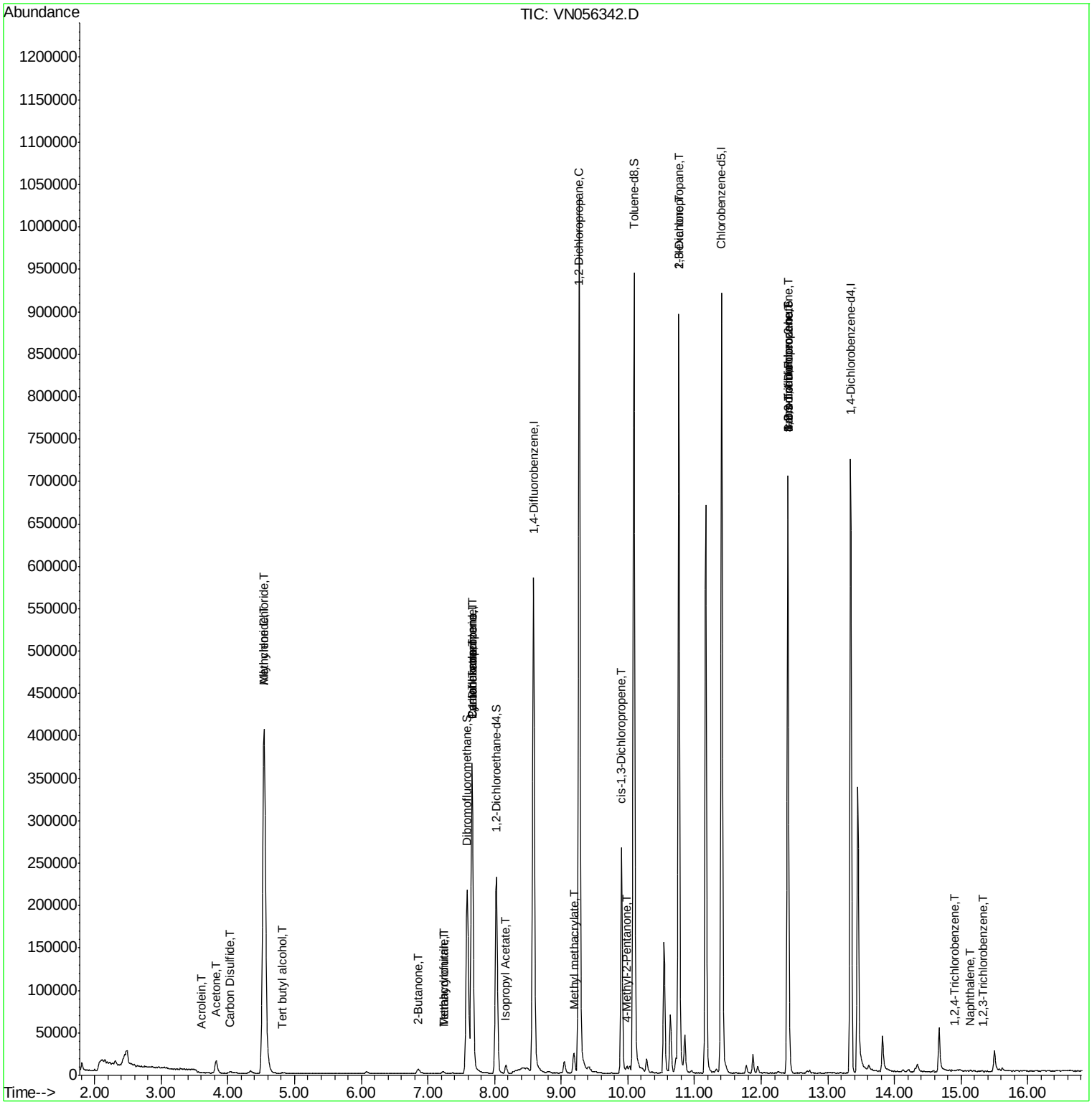
(#) = qualifier out of range (m) = manual integration (+) = signals summed

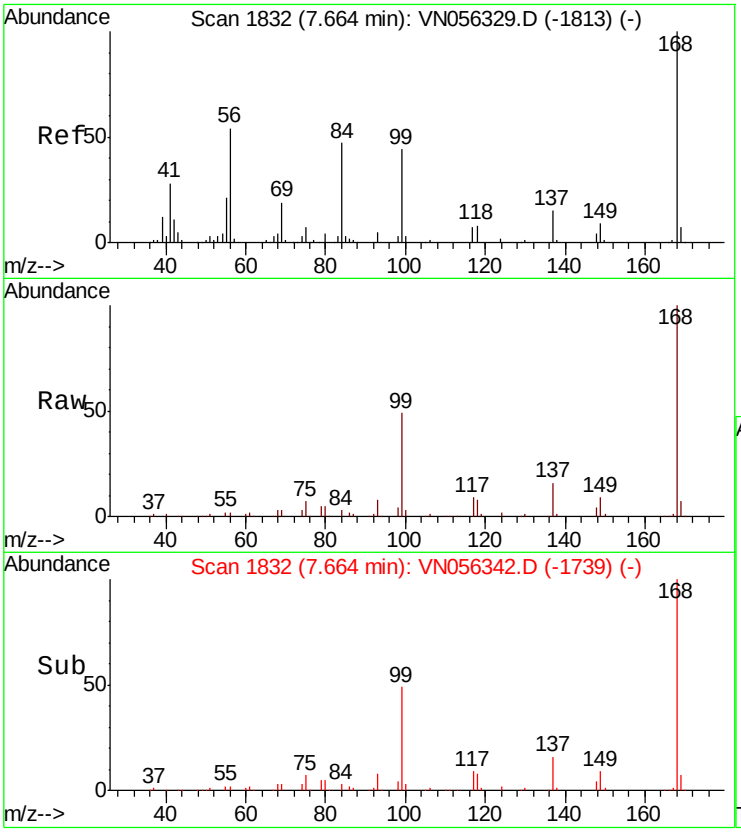
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061719\
Data File : VN056342.D
Acq On : 17 Jun 2019 15:58
Operator : JC/SP
Sample : K3389-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 18 04:36:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration



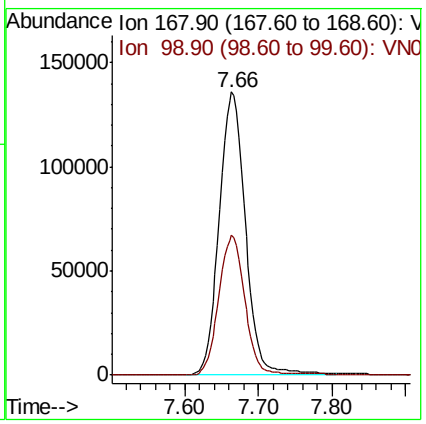


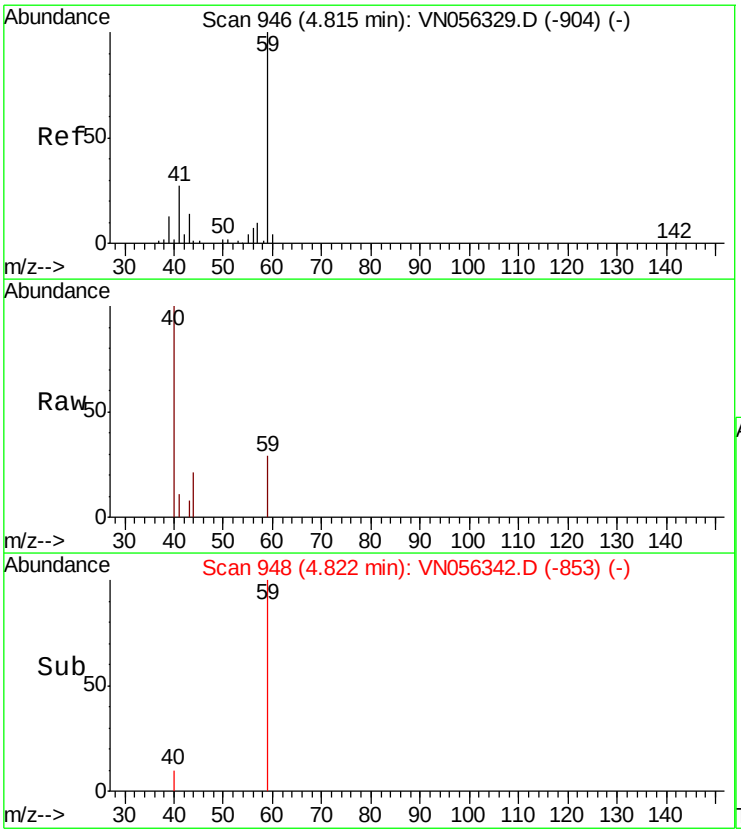
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 338103

Ion	Ratio	Lower	Upper
168	100		
99	49.3	40.2	60.2

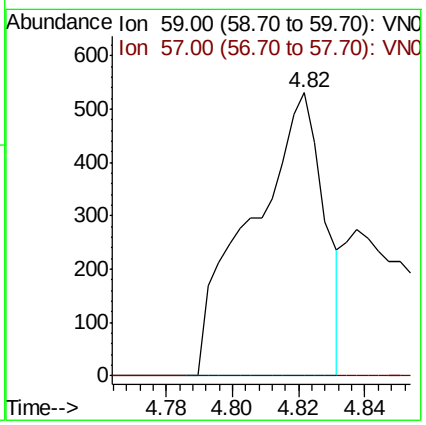


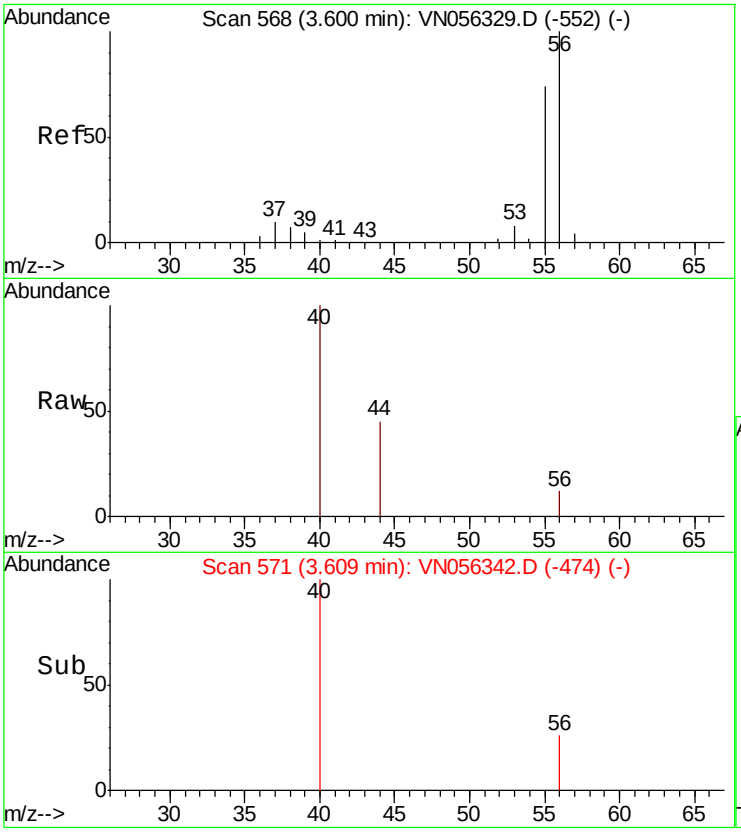


#11
Tert butyl alcohol
Concen: 1.359 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 59 Resp: 813

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



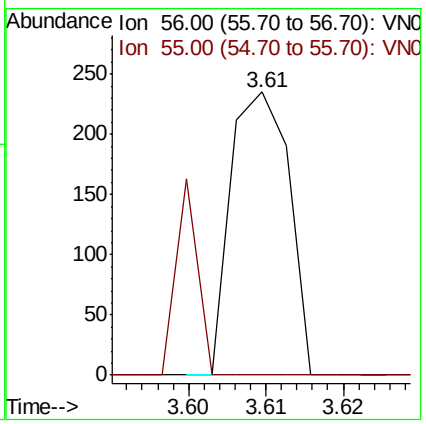


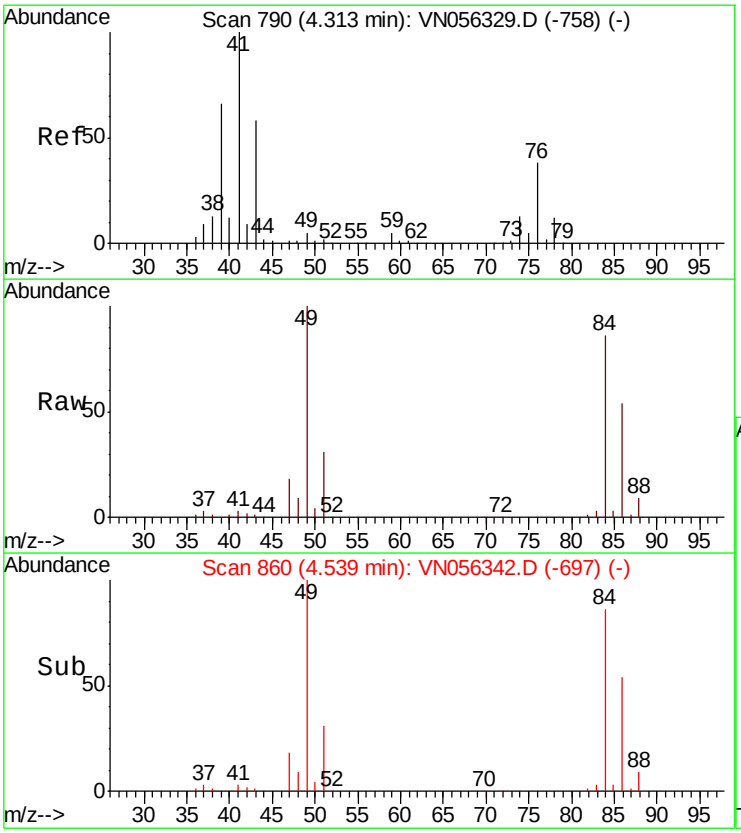
#13
Acrolein
Concen: 3.887 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	25.2	56.4	84.6#

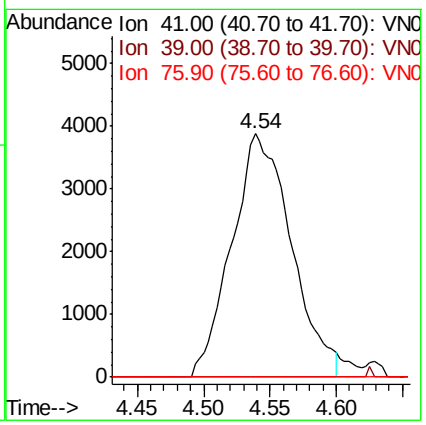


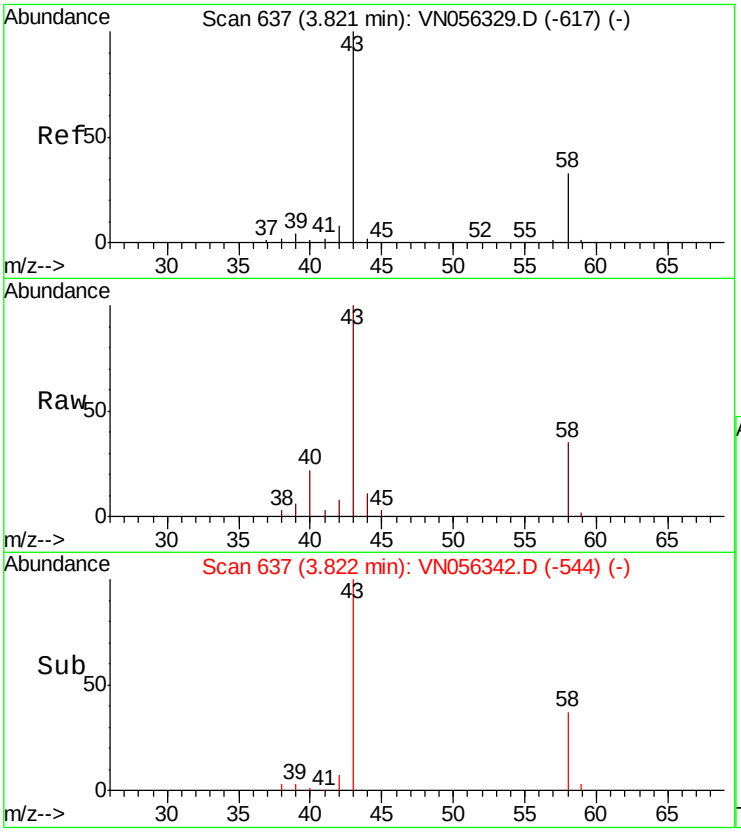


#14
Allyl chloride
Concen: 2.310 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.23 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 41 Resp: 12155

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.9	73.3#
76	0.0	27.2	40.8#



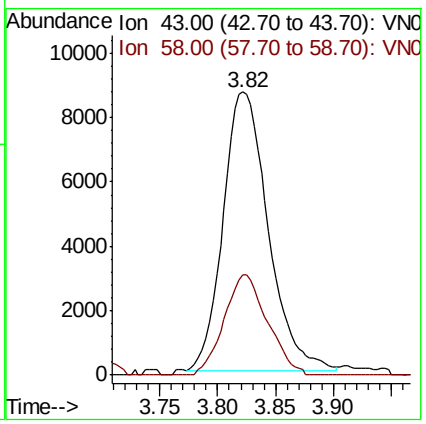


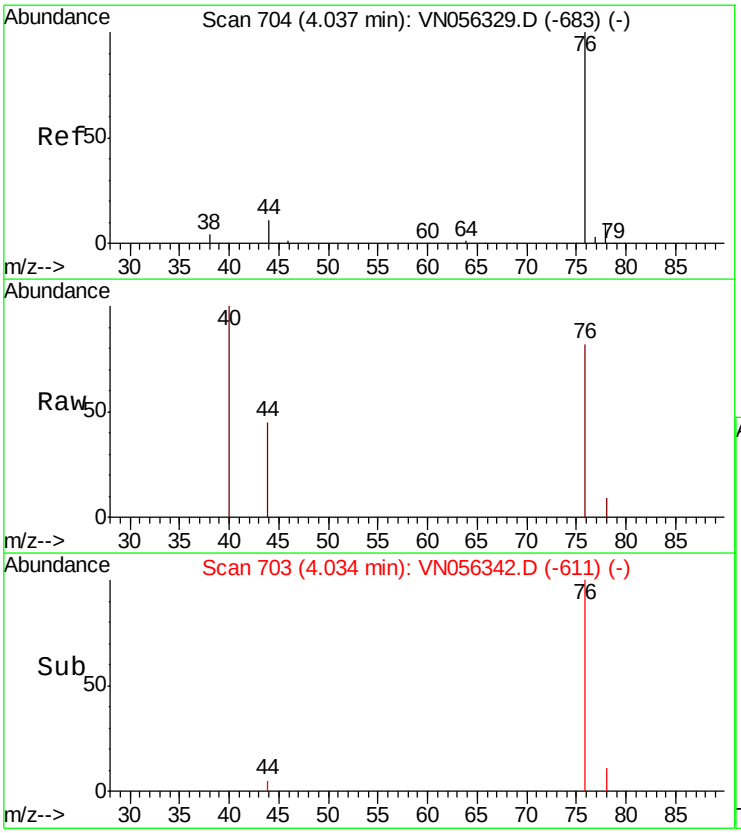
#16
Acetone
Concen: 11.091 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 23299

Ion	Ratio	Lower	Upper
43	100		
58	35.9	26.5	39.7

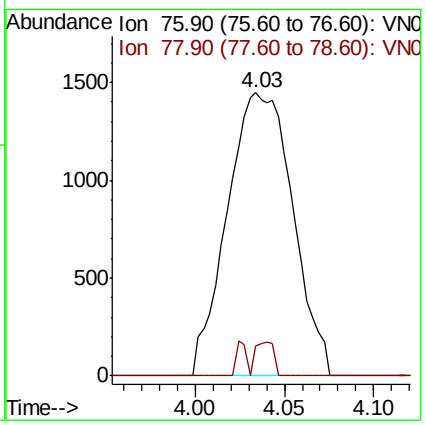


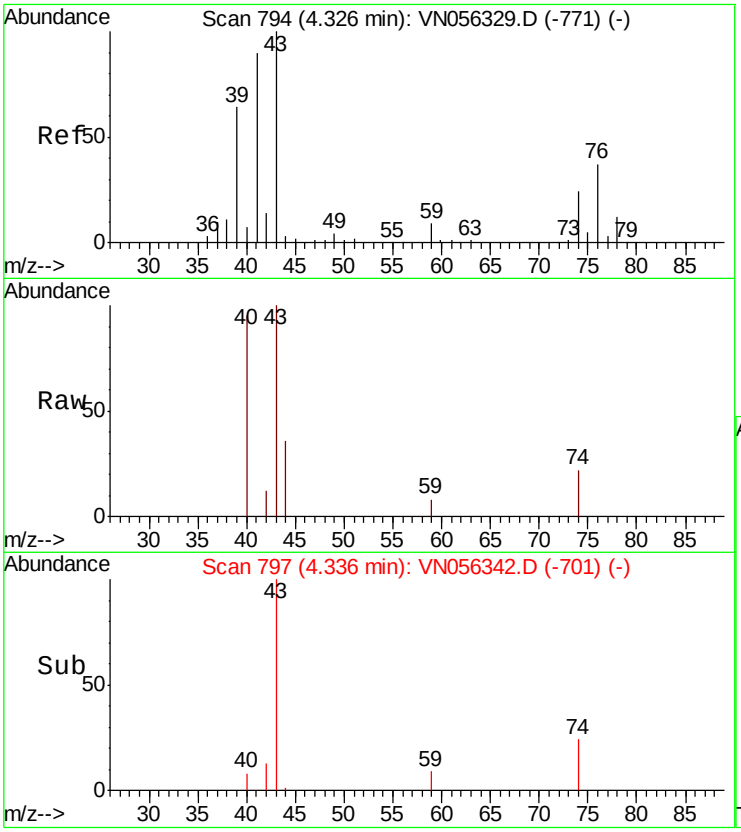


#17
Carbon Disulfide
Concen: 0.441 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 76 Resp: 3703

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.3	10.9



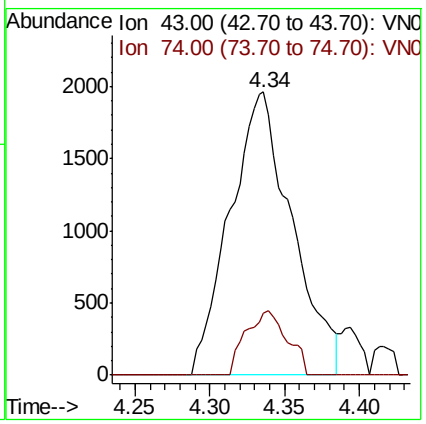


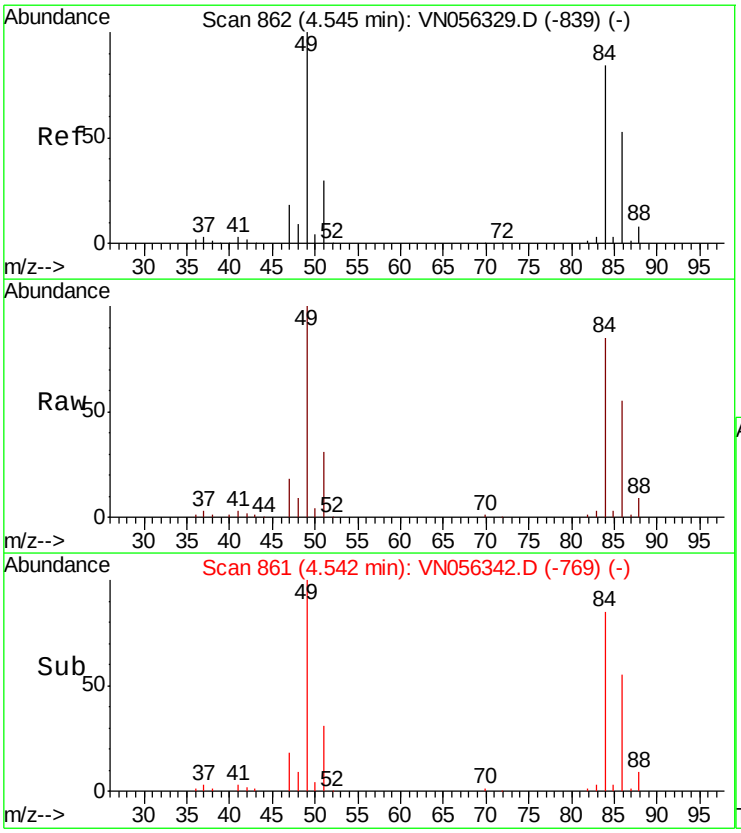
#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 5659

Ion	Ratio	Lower	Upper
43	100		
74	15.3	19.4	29.2#

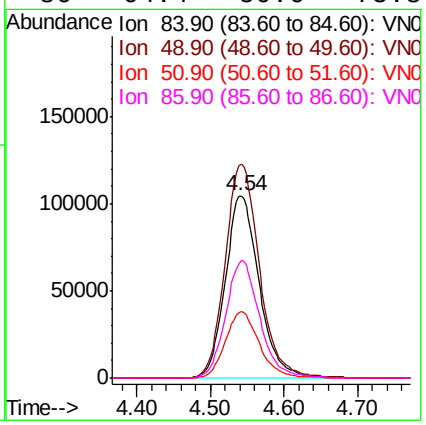


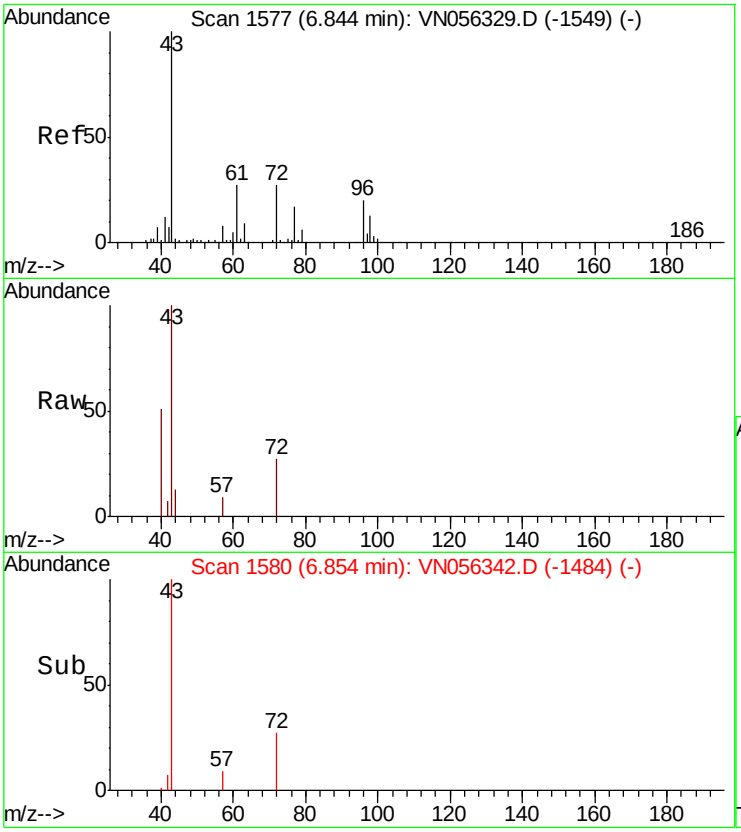


#20
Methylene Chloride
Concen: 90.059 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 84 Resp: 334059

Ion	Ratio	Lower	Upper
84	100		
49	117.3	95.0	142.6
51	36.5	28.2	42.4
86	64.4	50.6	75.8



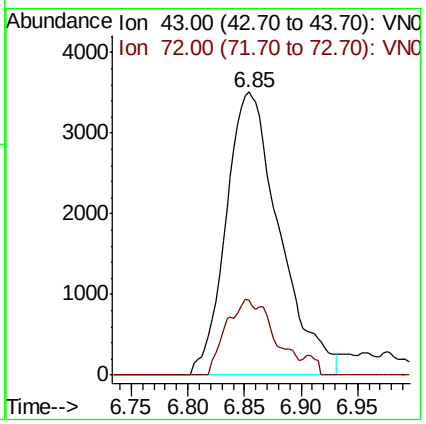


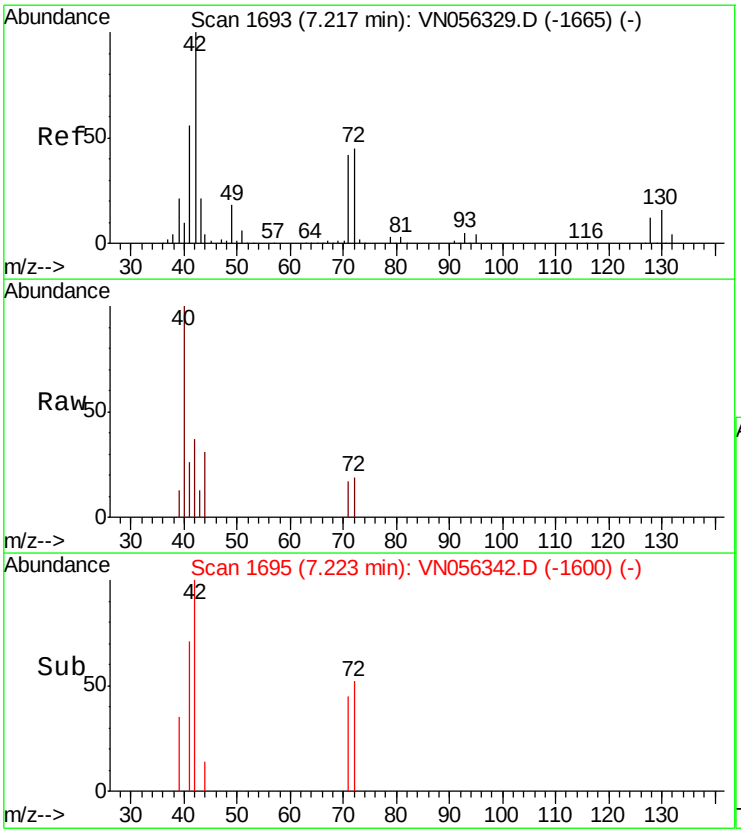
#25
2-Butanone
Concen: 4.526 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 11523

Ion	Ratio	Lower	Upper
43	100		
72	26.6	21.4	32.2

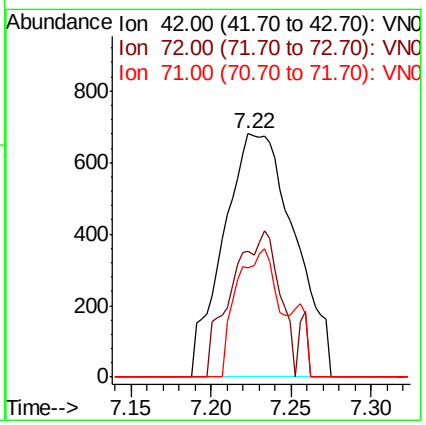


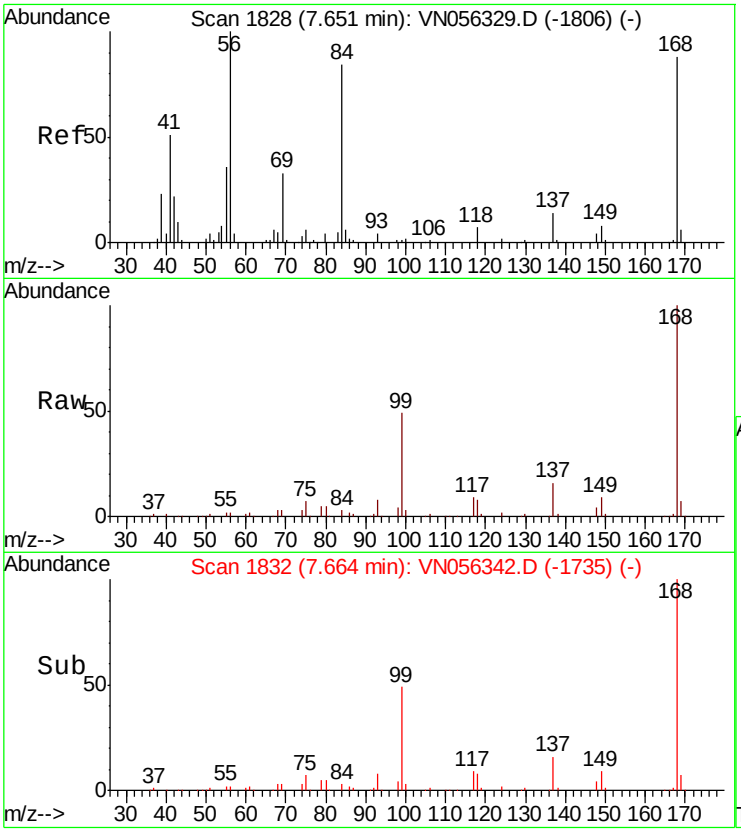


#29
Tetrahydrofuran
Concen: 1.375 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 42 Resp: 2079

Ion	Ratio	Lower	Upper
42	100		
72	40.5	35.3	52.9
71	29.7	32.7	49.1#



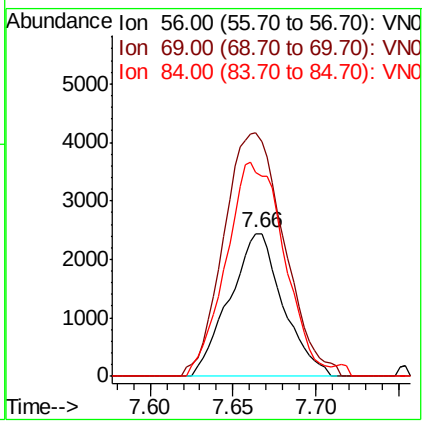


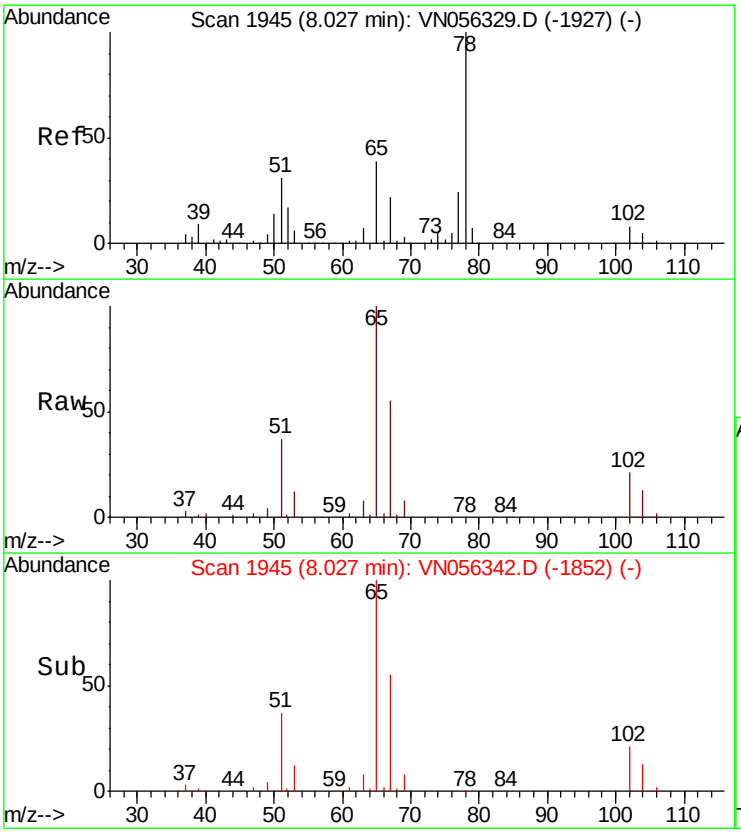
#31
Cyclohexane
Concen: 0.934 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 5470

Ion	Ratio	Lower	Upper
56	100		
69	164.3	26.0	39.0#
84	142.5	67.4	101.0#

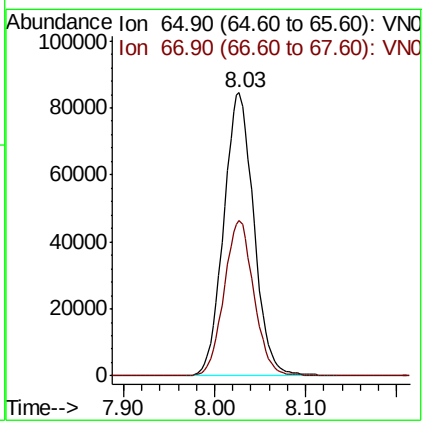


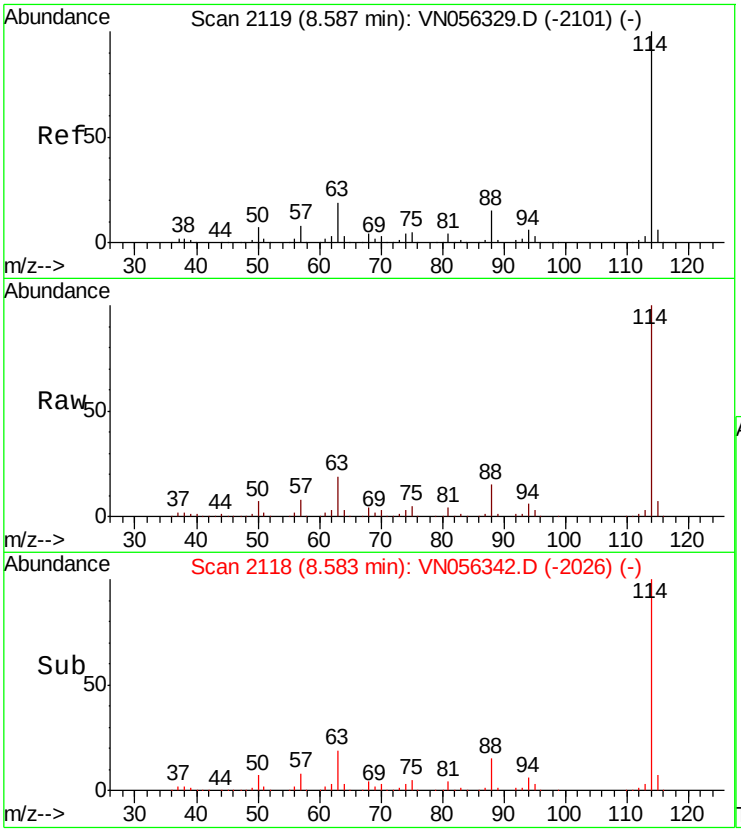


#33
1,2-Dichloroethane-d4
Concen: 51.169 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 65 Resp: 194525

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.8



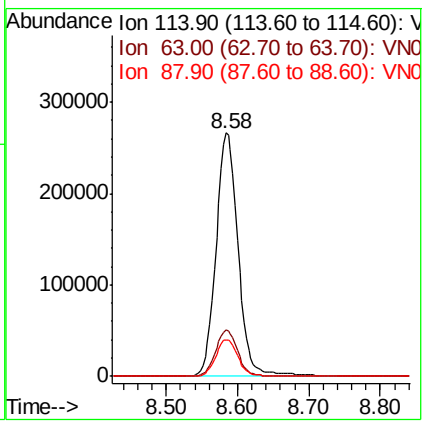


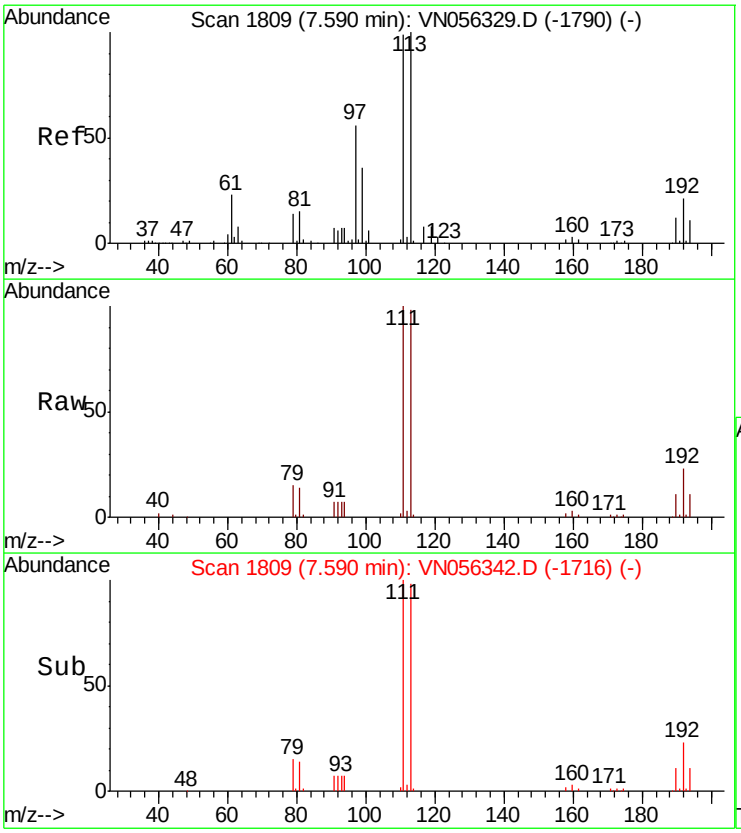
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 570980

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.8
88	15.2	0.0	30.6

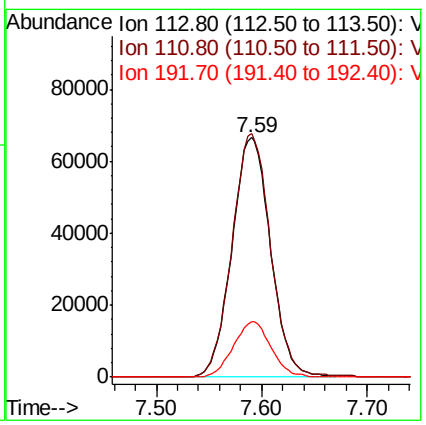


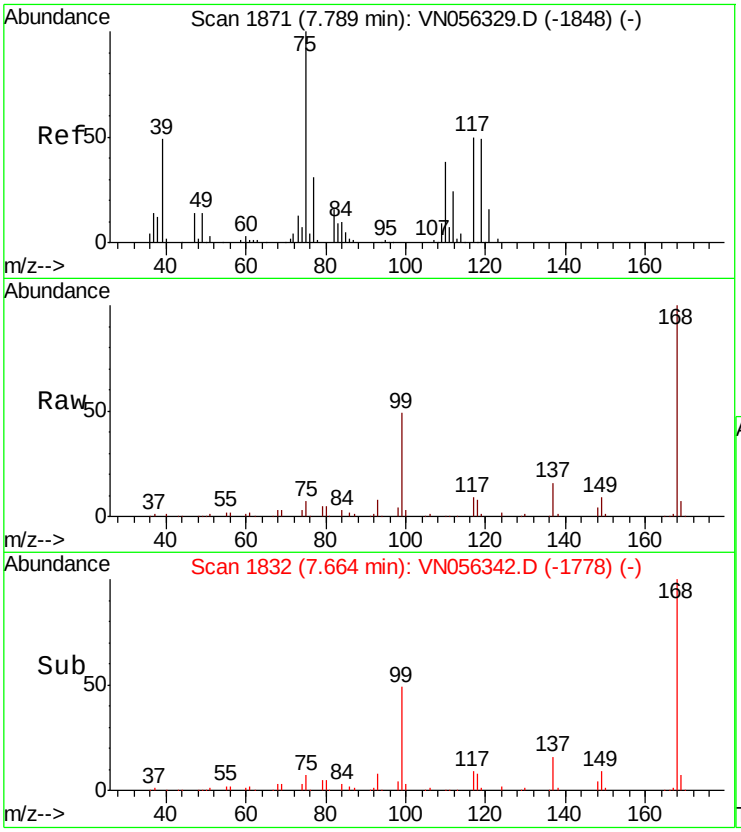


#35
Dibromofluoromethane
Concen: 46.149 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion:113 Resp: 168979

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	22.7	17.6	26.4



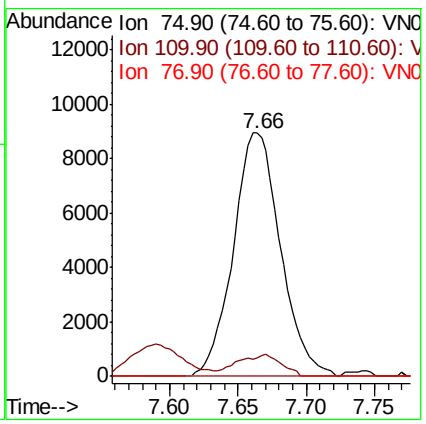


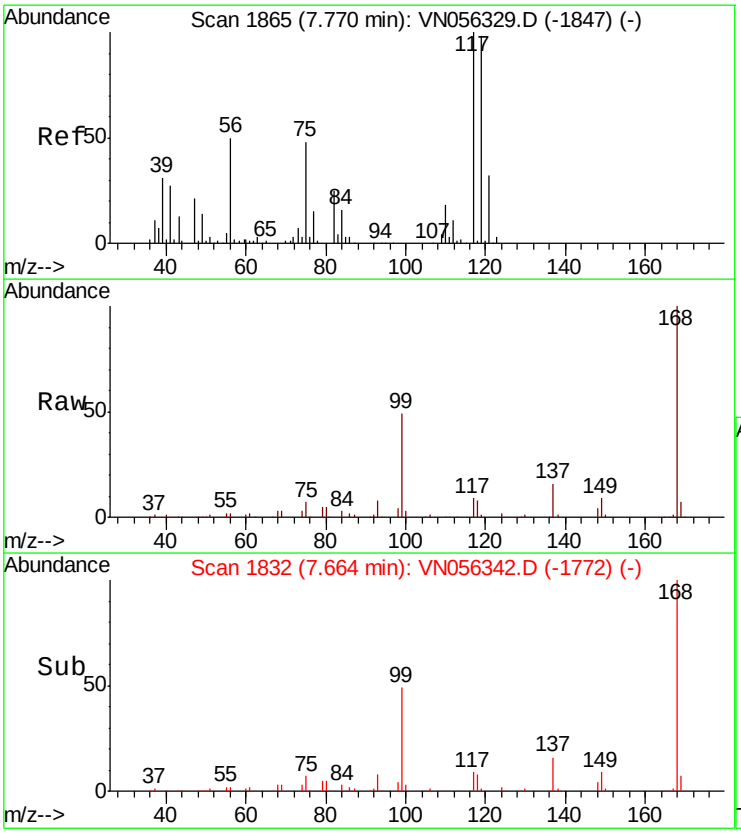
#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 21518

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.6	56.0#
77	0.0	25.0	37.6#

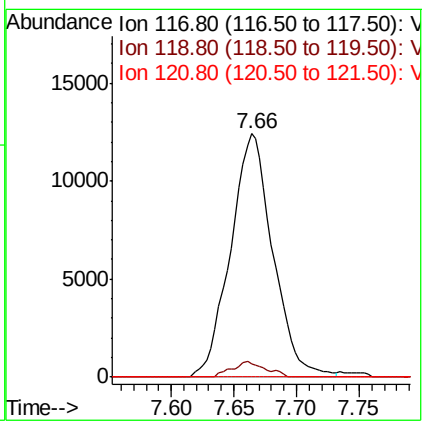


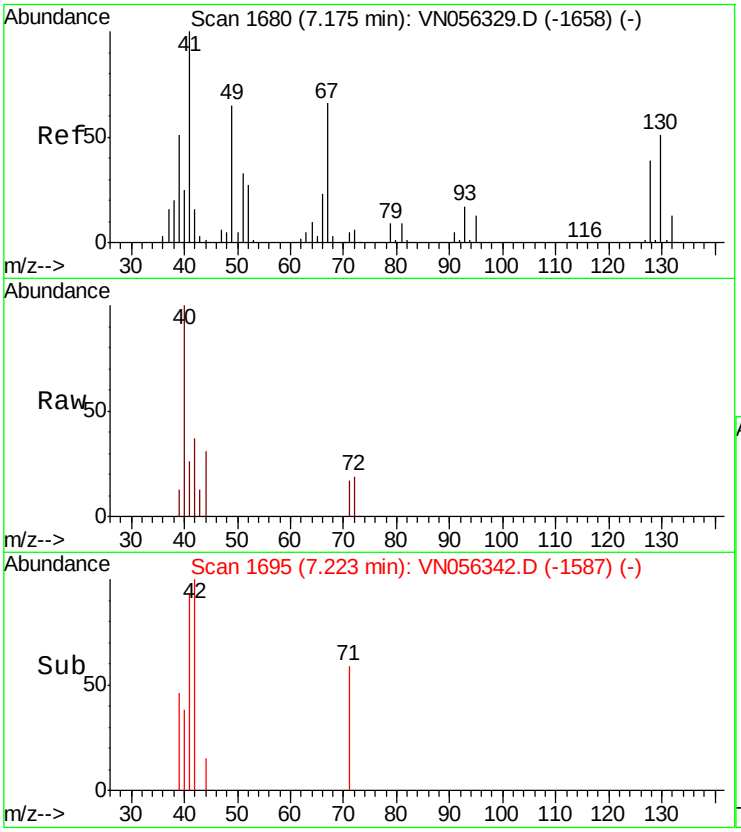


#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion:117 Resp: 29130

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.8	116.8#
121	0.0	25.3	37.9#



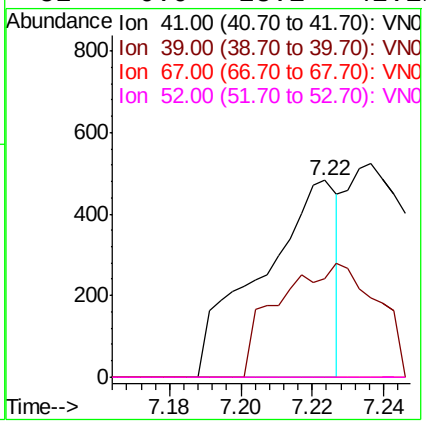


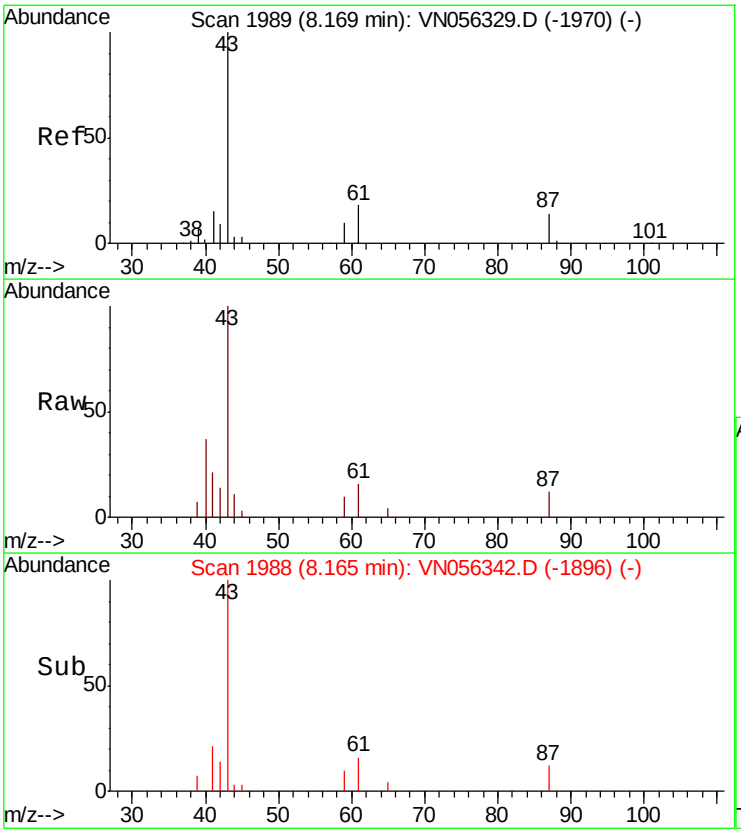
#41
Methacrylonitrile
Concen: 0.321 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 717

Ion	Ratio	Lower	Upper
41	100		
39	74.3	44.5	66.7#
67	0.0	69.0	103.4#
52	0.0	28.1	42.1#

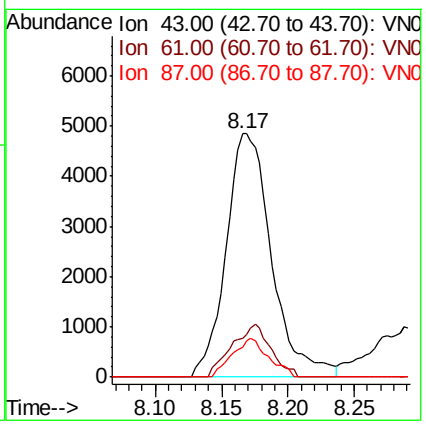


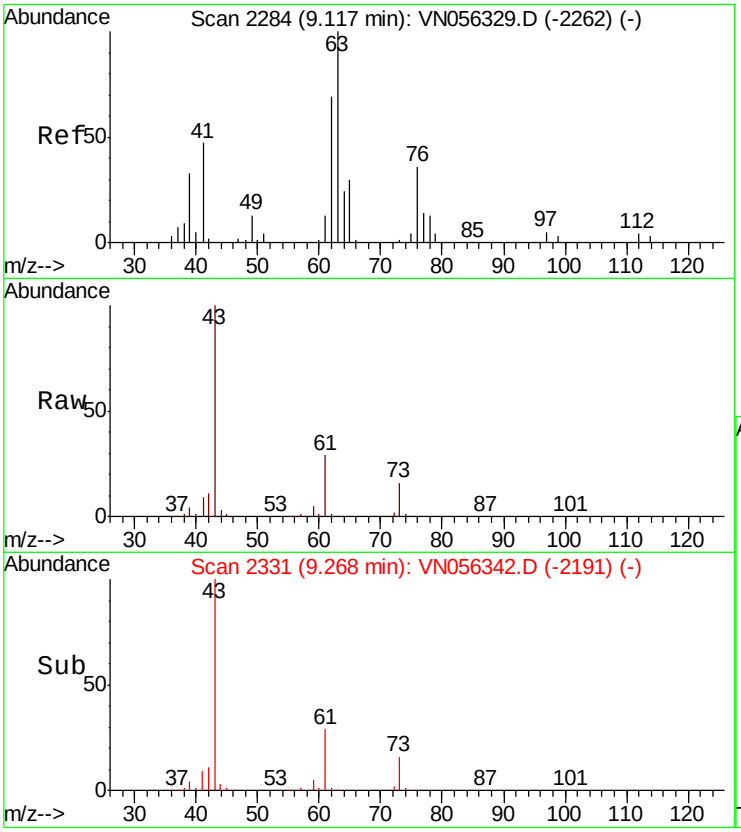


#43
Isopropyl Acetate
Concen: 1.486 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 43 Resp: 11572

Ion	Ratio	Lower	Upper
43	100		
61	18.5	16.6	25.0
87	12.7	11.0	16.4



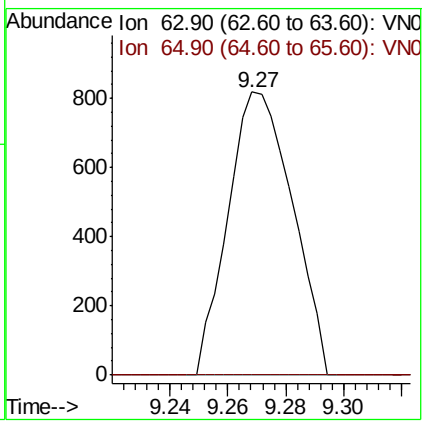


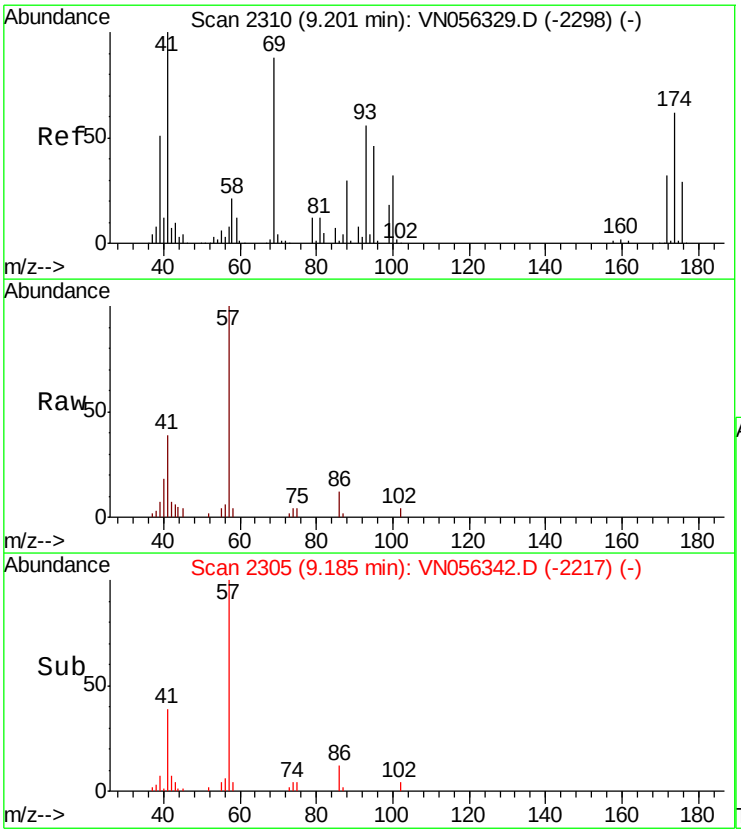
#45
1,2-Dichloropropane
Concen: 0.306 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 1262

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.4	36.6#

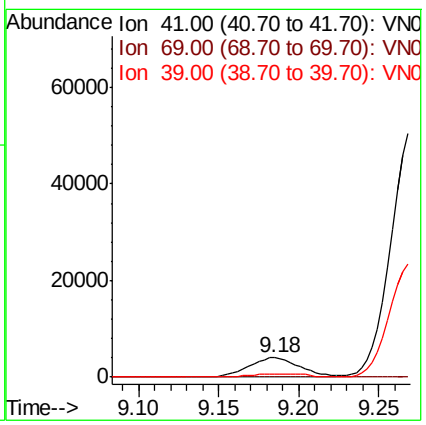


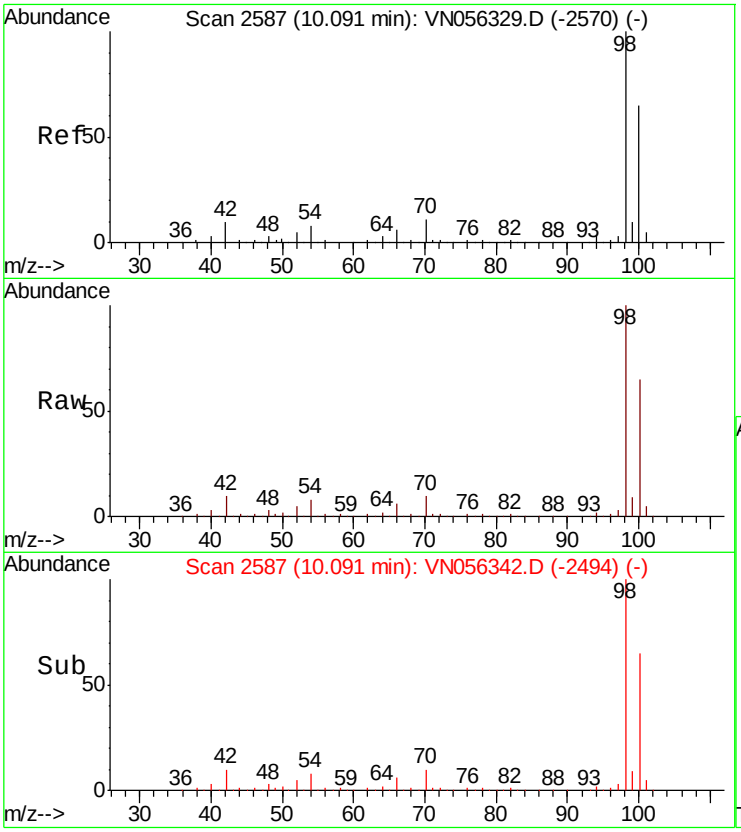


#48
Methyl methacrylate
Concen: 2.253 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 41 Resp: 8852

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.0	106.6#
39	19.9	41.7	62.5#



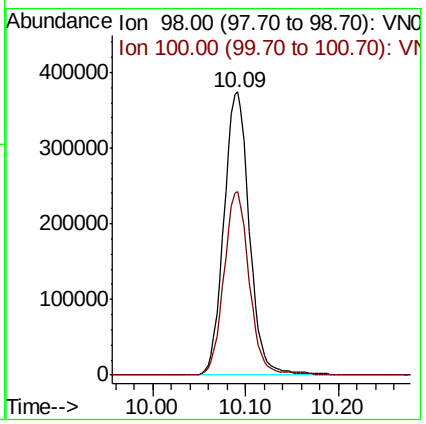


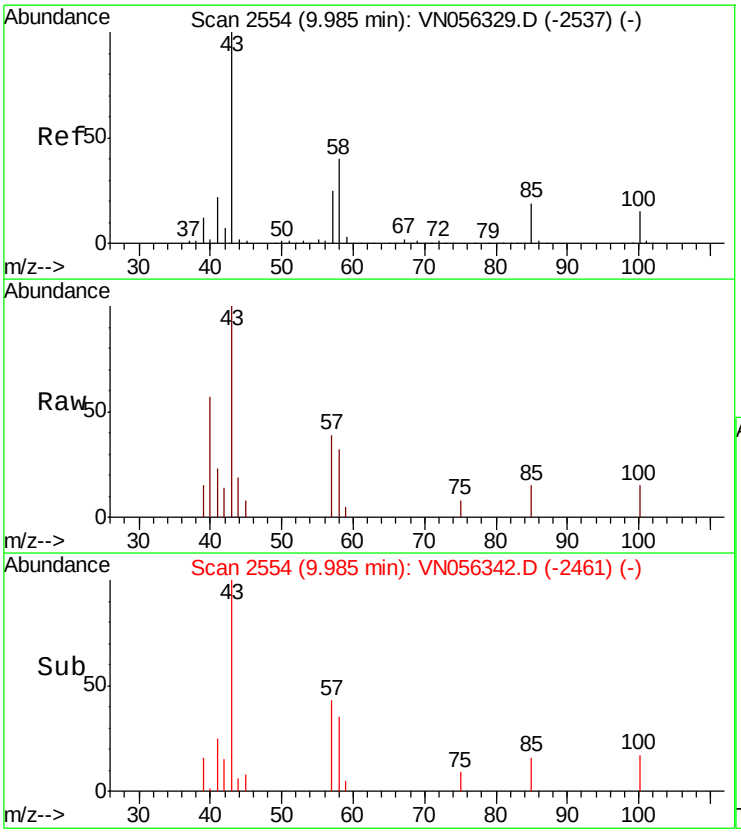
#50
Toluene-d8
Concen: 51.090 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 714652

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

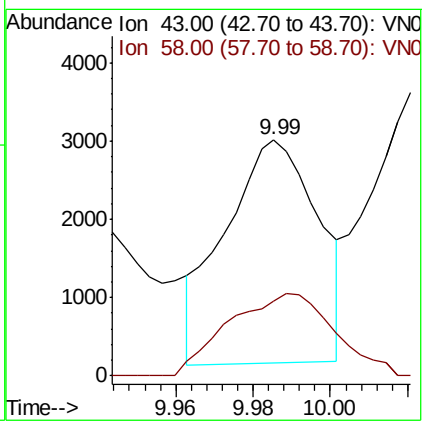


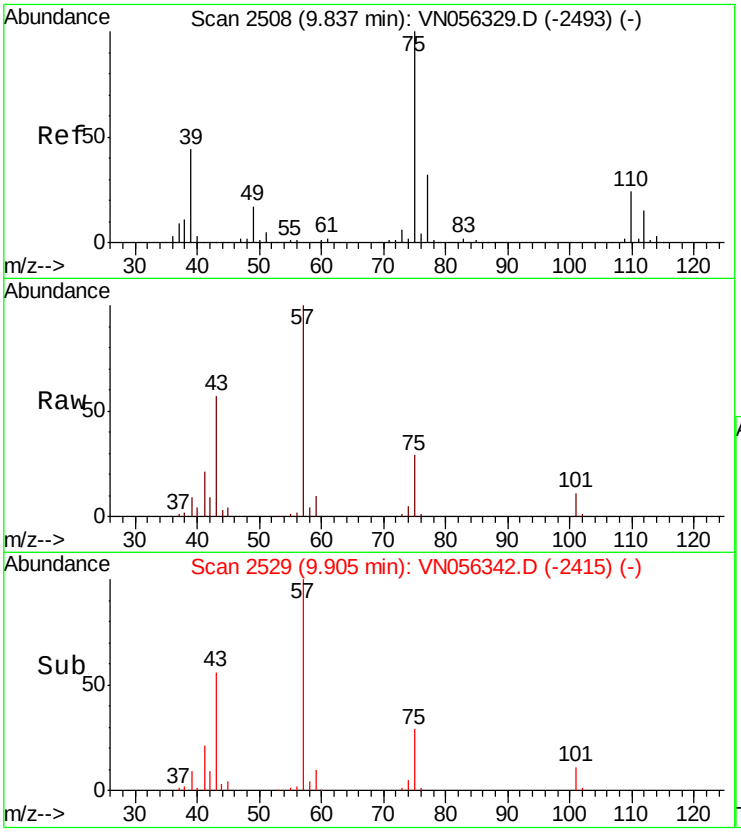


#51
4-Methyl-2-Pentanone
Concen: 0.958 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 43 Resp: 4757

Ion	Ratio	Lower	Upper
43	100		
58	42.1	31.8	47.6



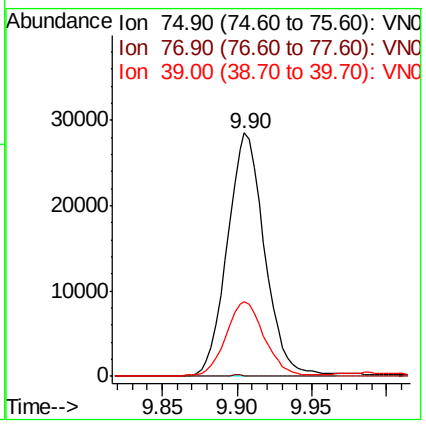


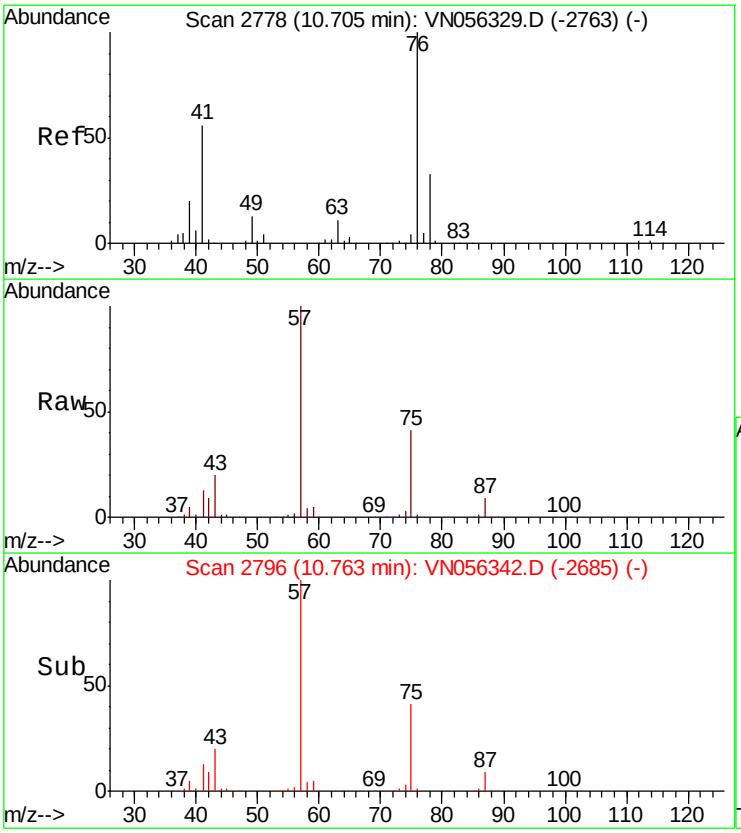
#54
cis-1,3-Dichloropropene
Concen: 8.250 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 49415

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	29.9	35.4	53.0#

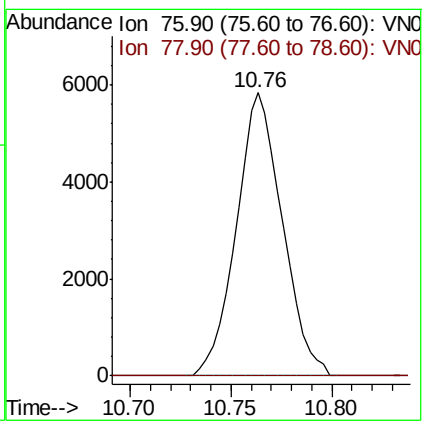


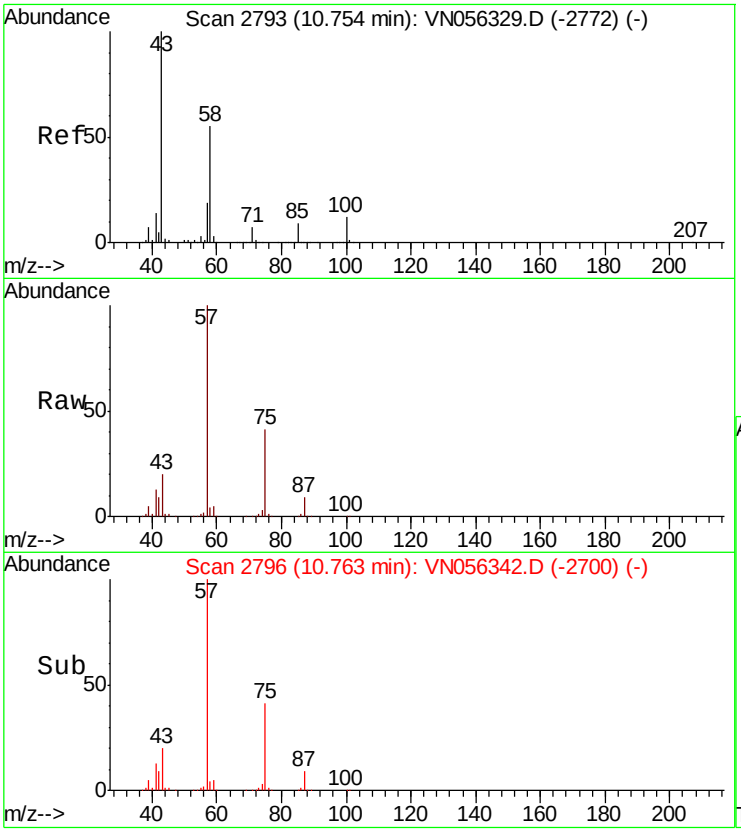


#57
1,3-Dichloropropane
Concen: 1.413 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 76 Resp: 9305

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#



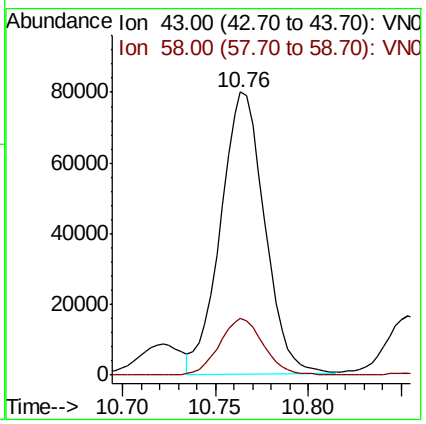


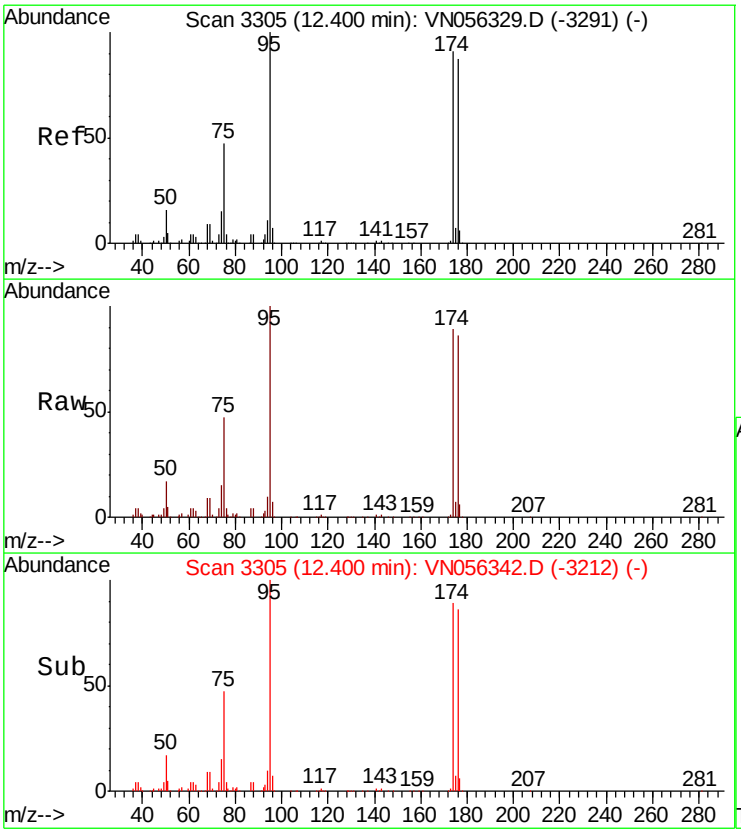
#59
2-Hexanone
Concen: 35.744 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 131600

Ion	Ratio	Lower	Upper
43	100		
58	20.3	27.8	83.4#

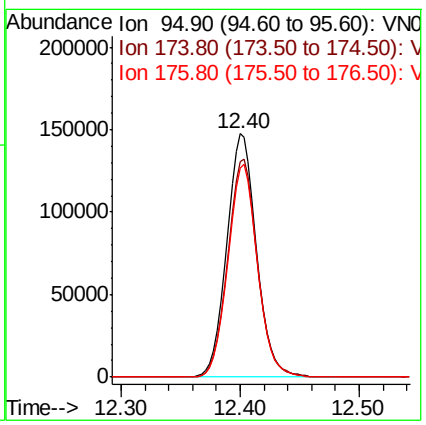


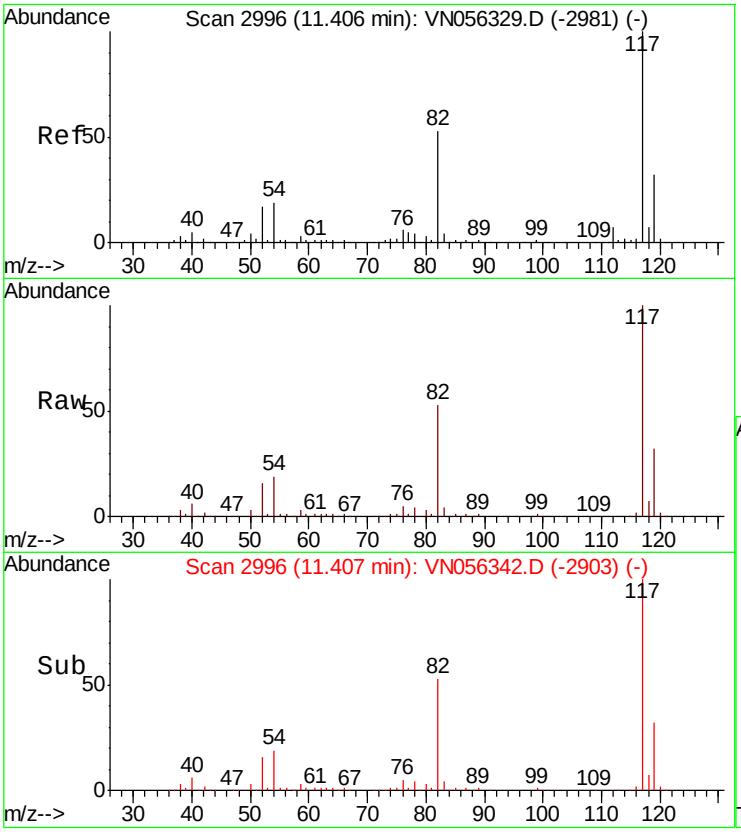


#62
4-Bromofluorobenzene
Concen: 54.706 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 95 Resp: 253581

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	182.6
176	87.5	0.0	176.8



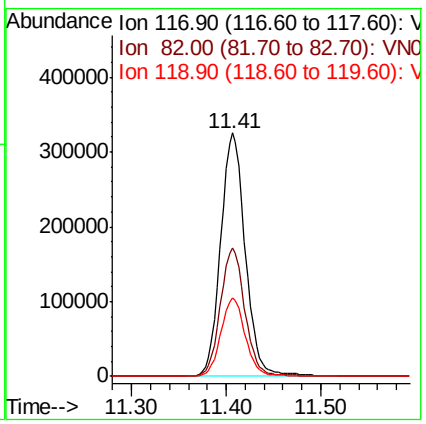


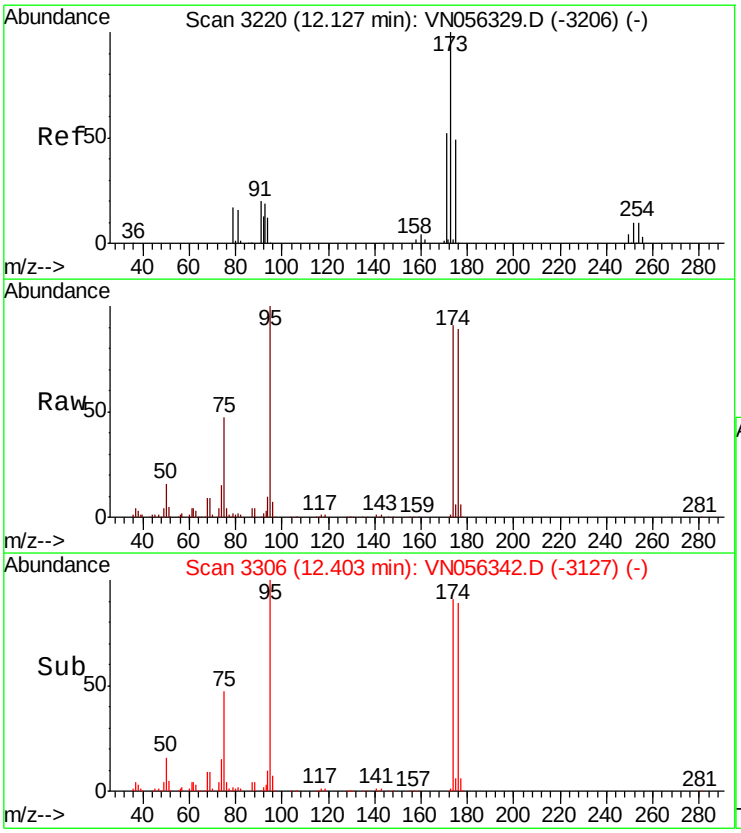
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 588888

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.4	63.6
119	32.1	26.0	39.0

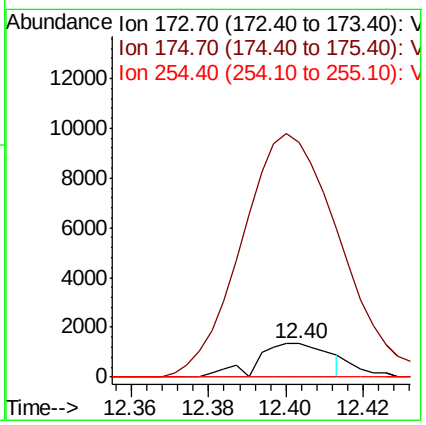


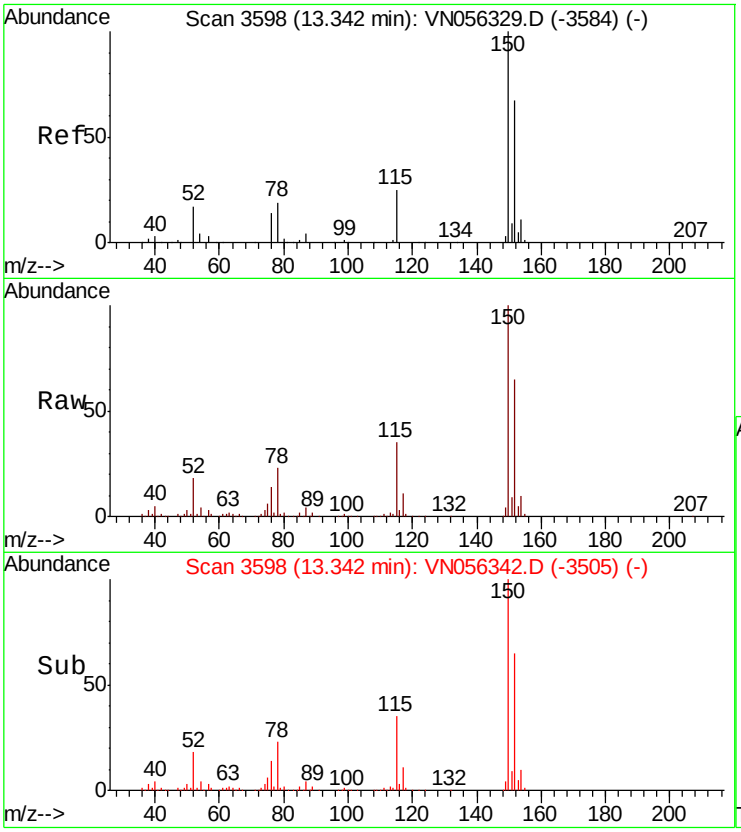


#71
Bromoform
Concen: 0.498 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion:173 Resp: 1726

Ion	Ratio	Lower	Upper
173	100		
175	857.3	24.3	73.0#
254	0.0	0.0	0.0



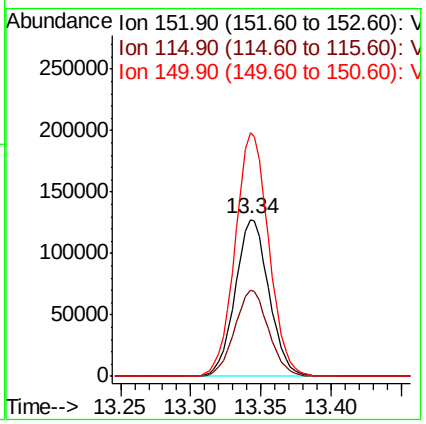


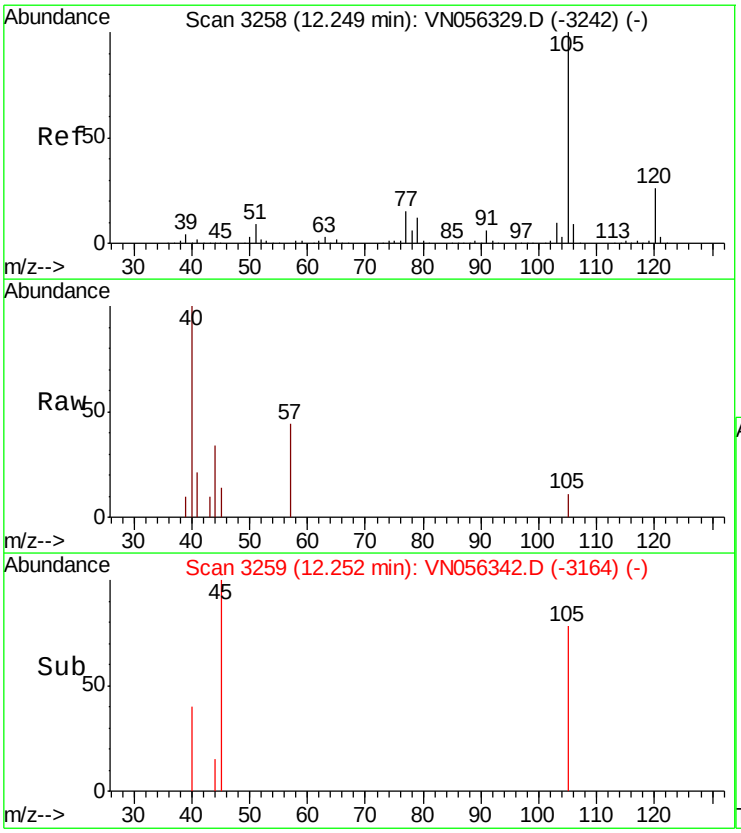
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 213789

Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.8	83.3
150	154.9	0.0	345.8

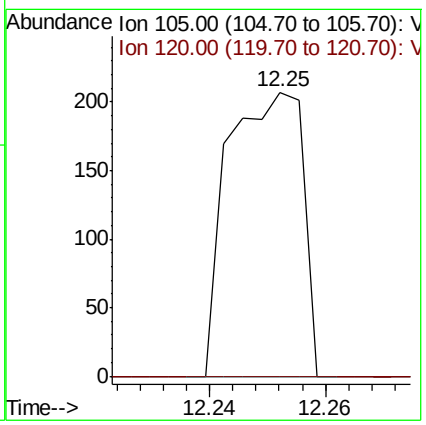


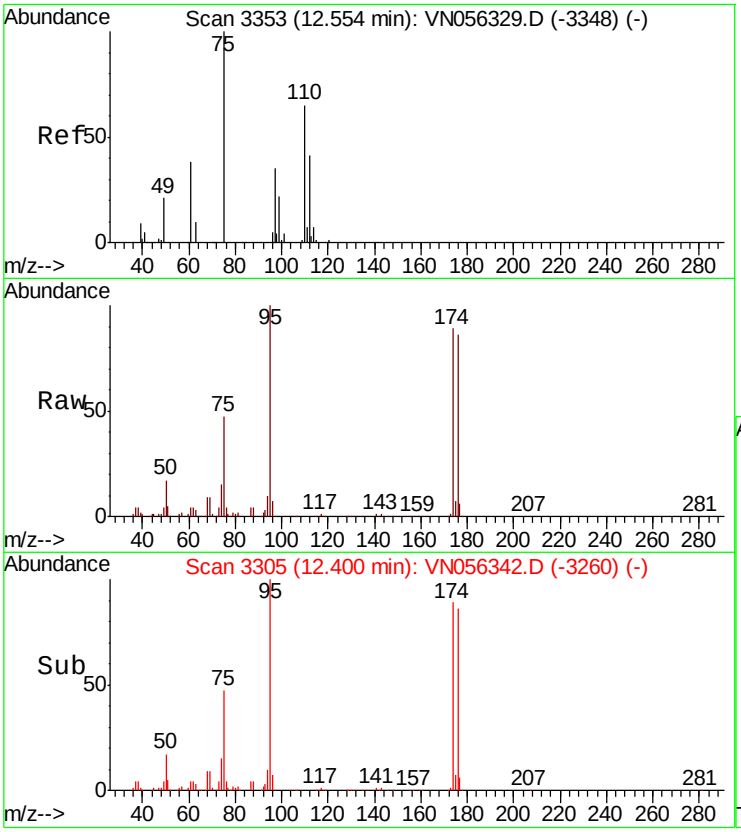


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion:105 Resp: 184

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.3	39.8#



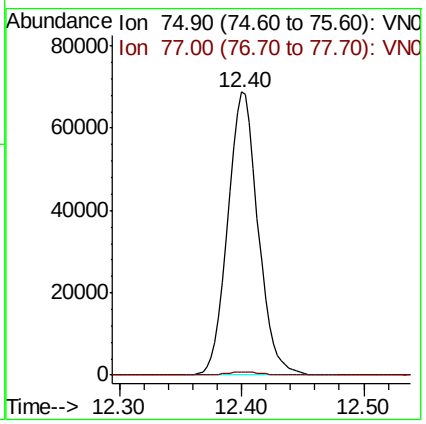


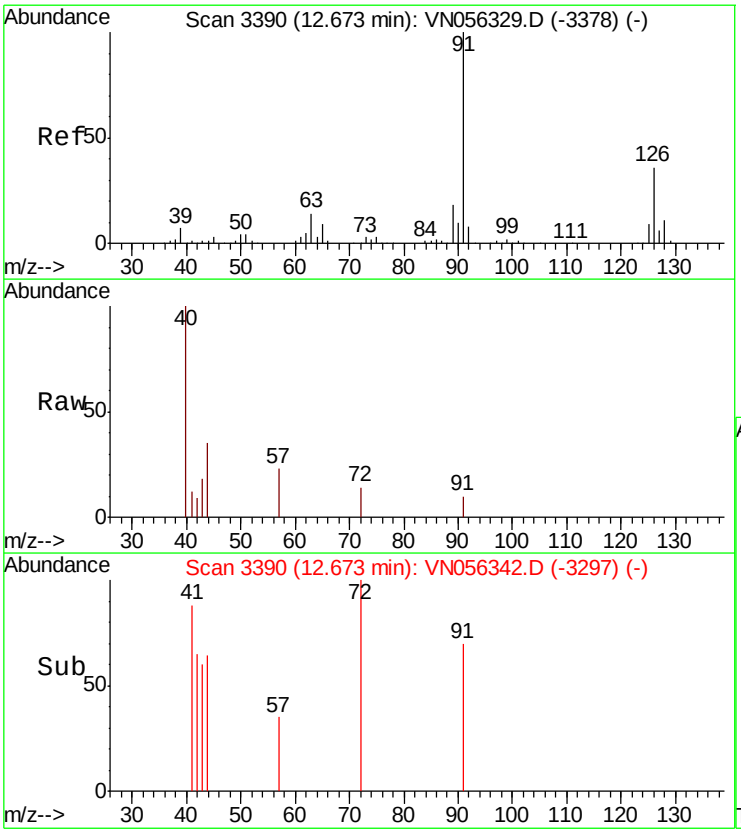
#76
1,2,3-Trichloropropane
Concen: 26.098 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 119207

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

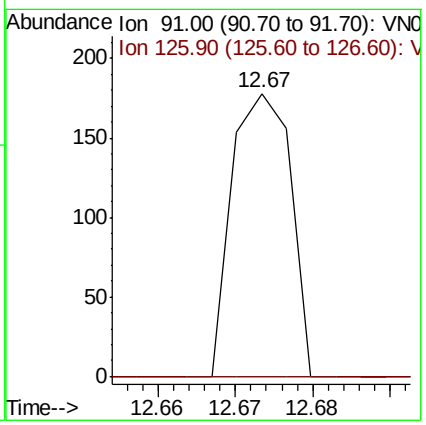


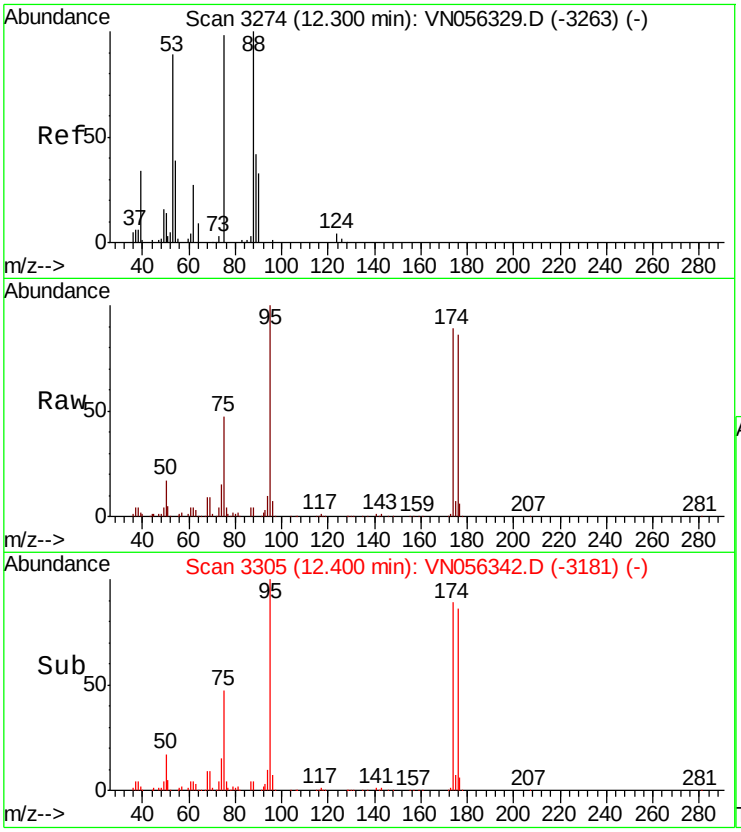


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion: 91 Resp: 94

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.0	54.0#



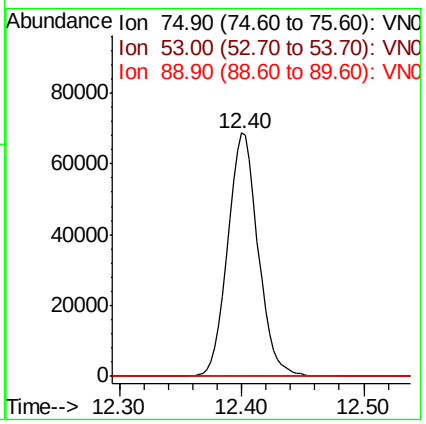


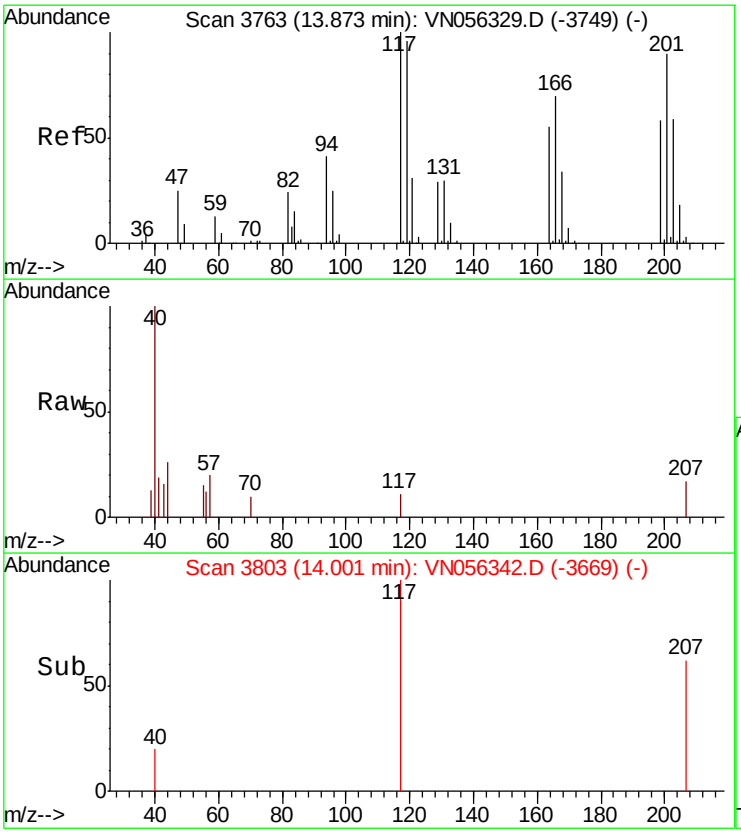
#81
trans-1,4-Dichloro-2-butene
Concen: 81.084 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 119207

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.5	110.3#
89	0.0	35.4	53.2#

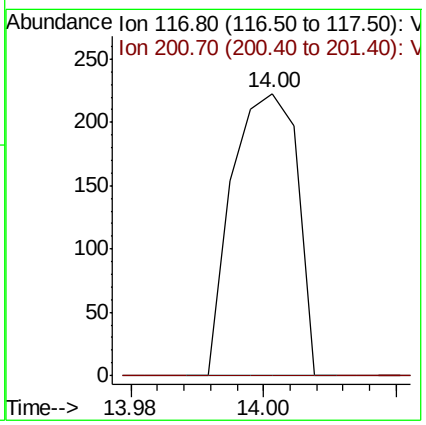


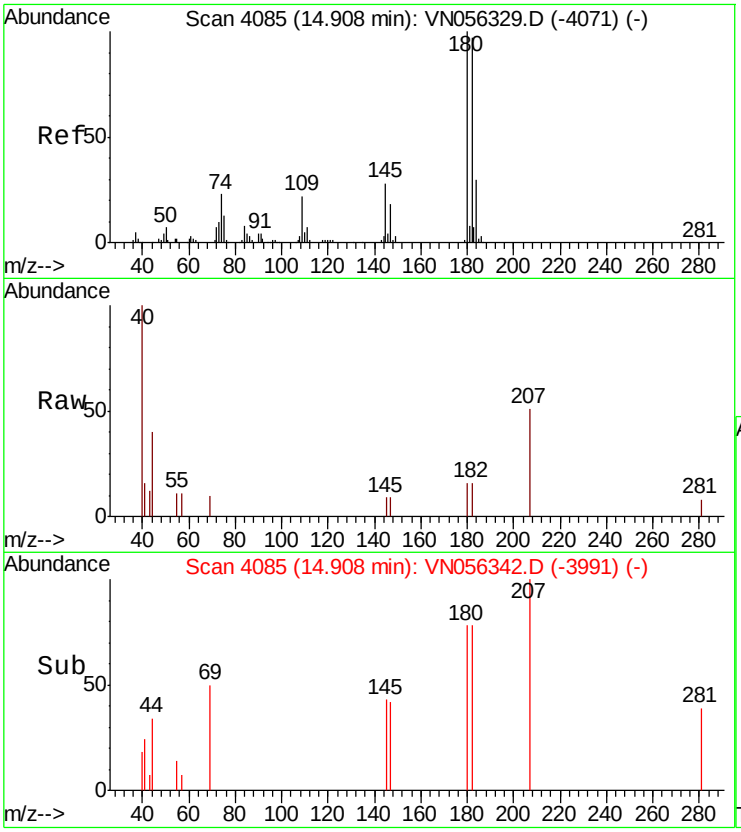


#90
Hexachloroethane
Concen: Below Cal
RT: 14.00 min Scan# 3803
Delta R.T. 0.13 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion:117 Resp: 151

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.8	137.3#



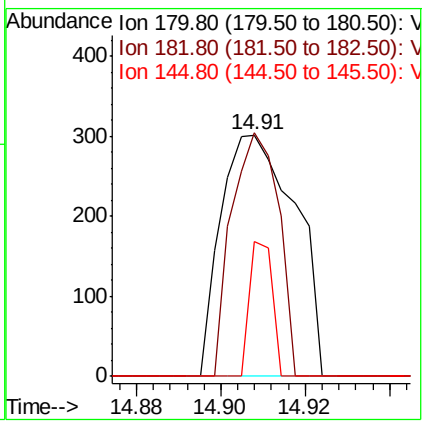


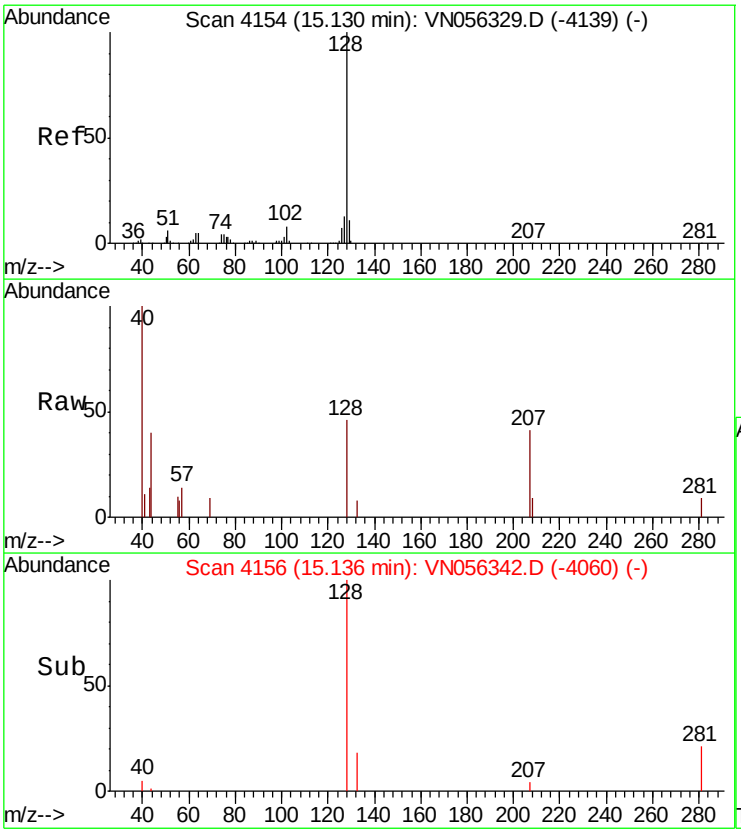
#93
1,2,4-Trichlorobenzene
Concen: 5.396 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 370

Ion	Ratio	Lower	Upper
180	100		
182	63.8	47.4	142.3
145	17.0	14.0	41.9

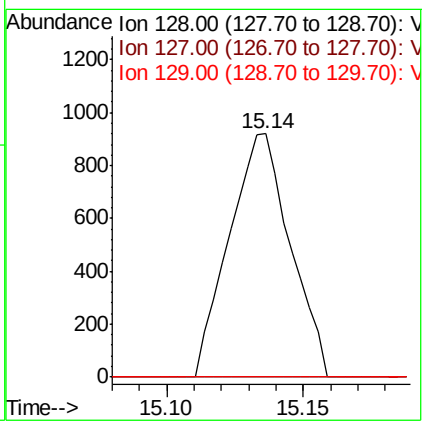


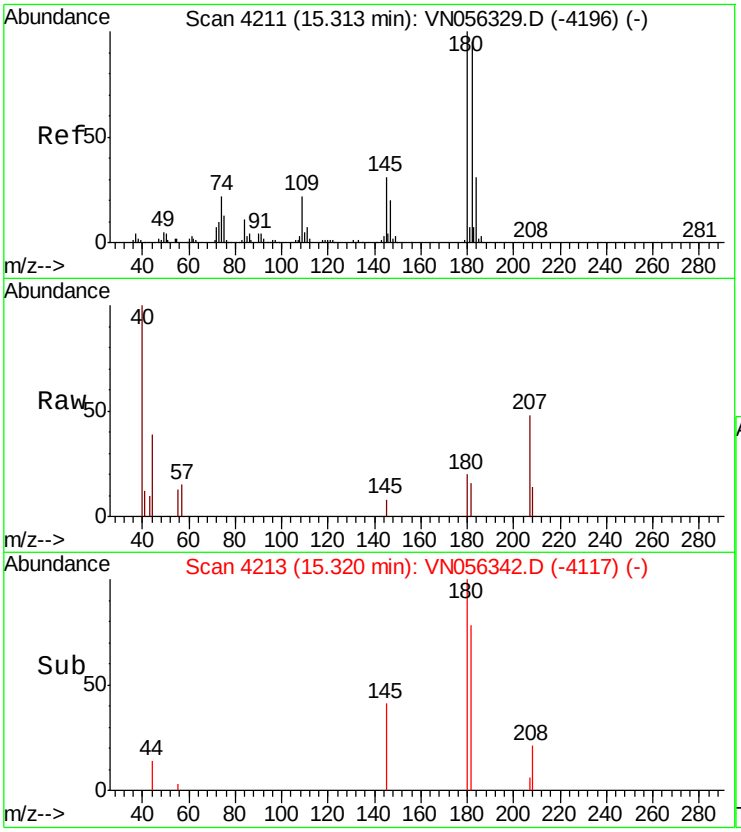


#95
Naphthalene
Concen: 4.793 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Tgt Ion:128 Resp: 1425

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	12.8#





#96
1,2,3-Trichlorobenzene
Concen: 3.905 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN056342.D
Acq: 17 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 429

Ion	Ratio	Lower	Upper
180	100		
182	66.2	47.1	141.4
145	28.9	14.9	44.9