Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101319\
Data File : VN058728.D
Acq On : 12 Oct 2019 1:55
Operator : JC/SP
Sample : K5145-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 12 05:47:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	386864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	610552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	555794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	281212	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.84%			
35) Dibromofluoromethane	7.57	113	199345	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.72%			
50) Toluene-d8	10.08	98	791826	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.02%			
62) 4-Bromofluorobenzene	12.41	95	263434	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.30%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.76	59	236	0.269	ug/l #	72
14) Allyl chloride	4.53	41	68982	9.200	ug/l #	23
16) Acetone	3.80	43	12921	5.763	ug/l	93
17) Carbon Disulfide	4.03	76	2653	0.223	ug/l #	75
18) Methyl Acetate	4.31	43	5070	0.891	ug/l #	86
20) Methylene Chloride	4.53	84	1962518	418.795	ug/l	99
25) 2-Butanone	6.82	43	1448	0.447	ug/l #	50
29) Tetrahydrofuran	7.20	42	453	0.216	ug/l #	52
31) Cyclohexane	7.65	56	9268	1.167	ug/l #	14
36) 1,1-Dichloropropene	7.65	75	33331	5.399	ug/l #	50
38) Carbon Tetrachloride	7.65	117	40257	6.691	ug/l #	18
43) Isopropyl Acetate	8.15	43	106924	10.054	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	2203	0.464	ug/l #	45
48) Methyl methacrylate	9.26	41	187158	38.822	ug/l #	45
49) 1,4-Dioxane	9.25	88	127	1.703	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7631	1.278	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	44168	5.919	ug/l #	64
56) Ethyl methacrylate	10.54	69	1972	0.304	ug/l #	1
59) 2-Hexanone	10.76	43	120629	26.133	ug/l #	53
68) m/p-Xylenes	11.62	106	3050	0.404	ug/l	93
74) N-amyl acetate	12.03	43	4291	0.582	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	145189	29.198	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	5687	0.406	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	145189	78.212	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.05	105	6620	0.476	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	1996	0.456	ug/l	89
95) Naphthalene	15.13	128	18060	1.435	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	2006	0.469	ug/l #	78

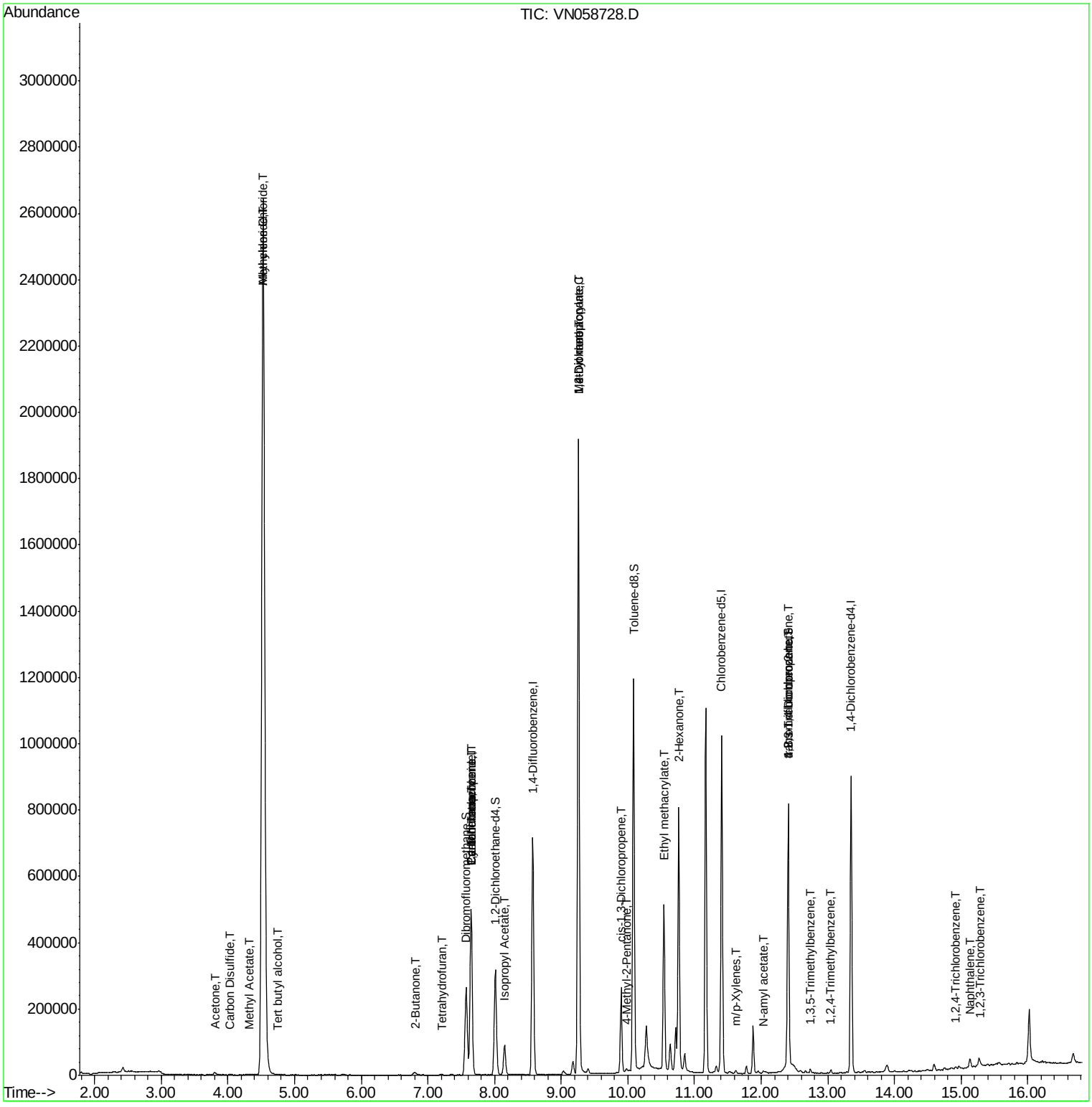
(#) = qualifier out of range (m) = manual integration (+) = signals summed

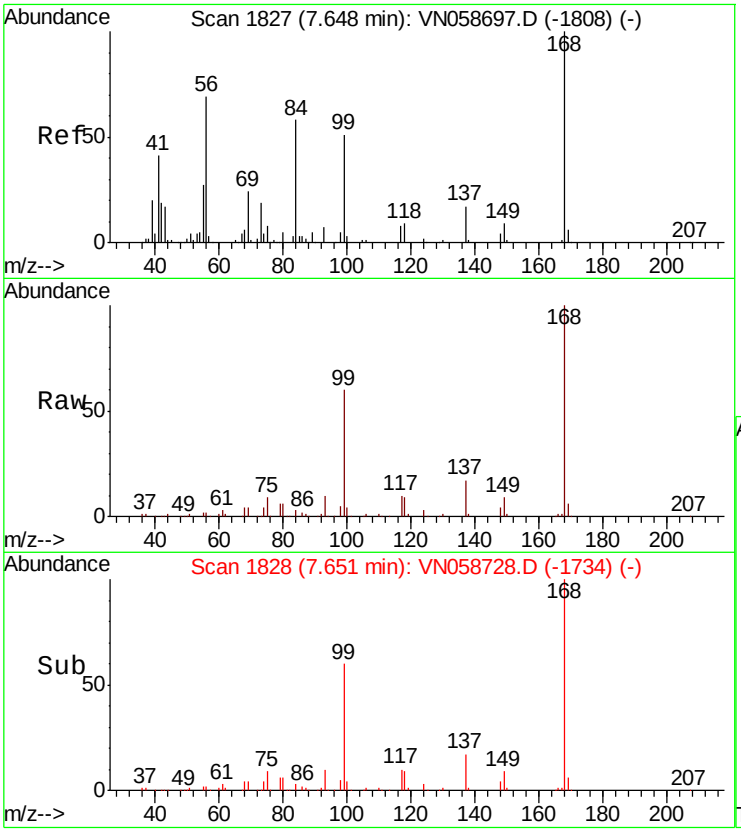
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101319\
Data File : VN058728.D
Acq On : 12 Oct 2019 1:55
Operator : JC/SP
Sample : K5145-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 12 05:47:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration



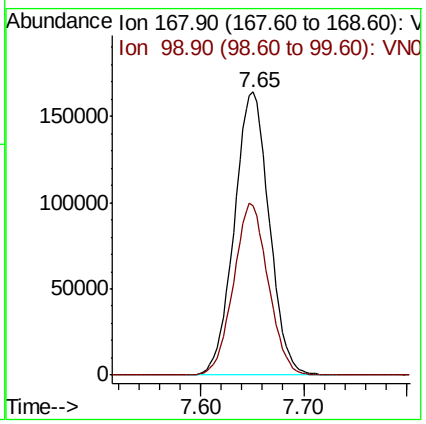


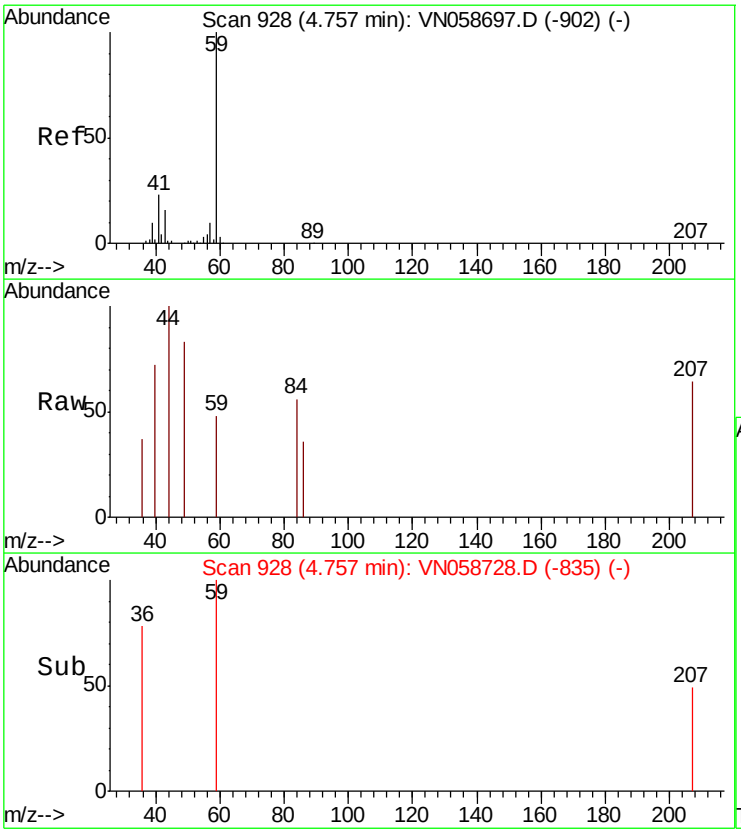
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 386864

Ion	Ratio	Lower	Upper
168	100		
99	60.0	47.5	71.3

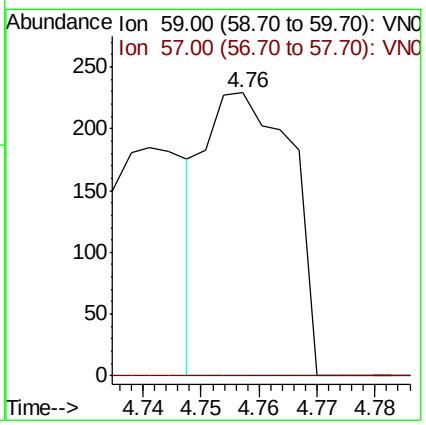


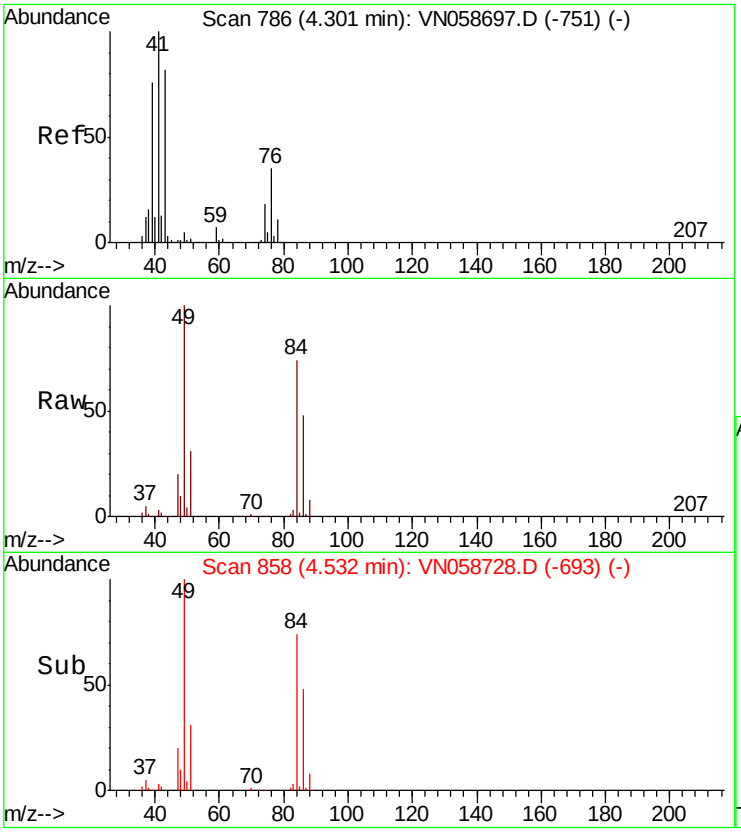


#11
Tert butyl alcohol
Concen: 0.269 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 59 Resp: 236

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



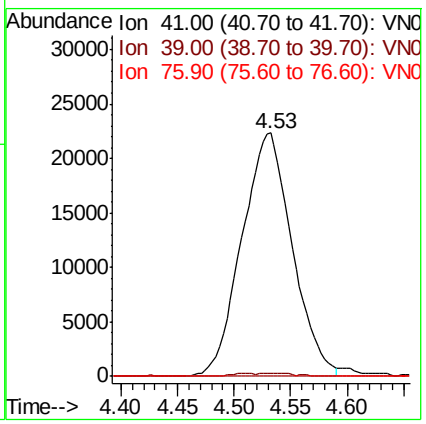


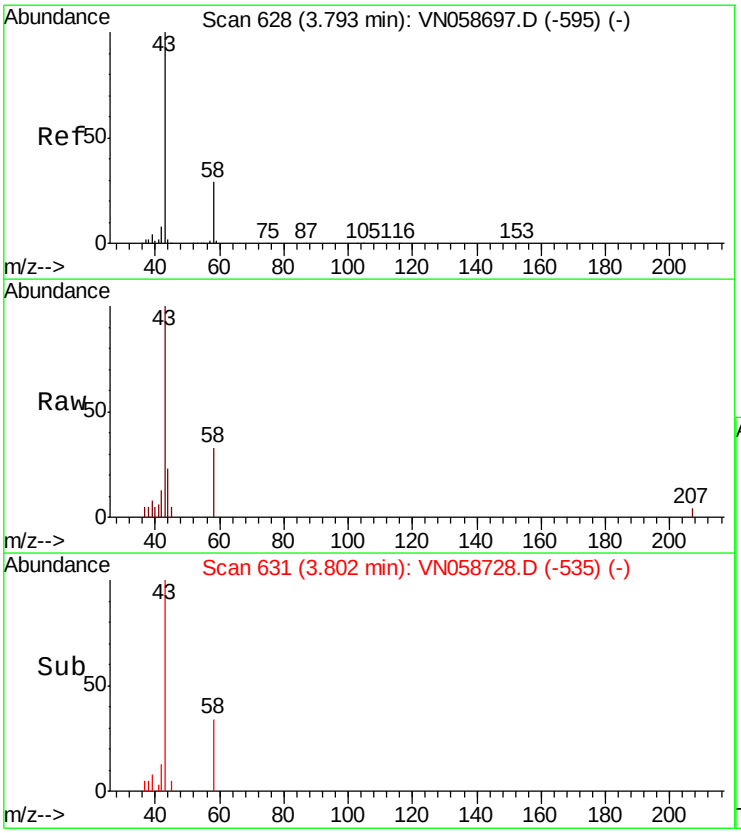
#14
Allvl chloride
Concen: 9.200 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.23 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 68982

Ion	Ratio	Lower	Upper
41	100		
39	0.5	57.2	85.8#
76	0.0	25.0	37.6#

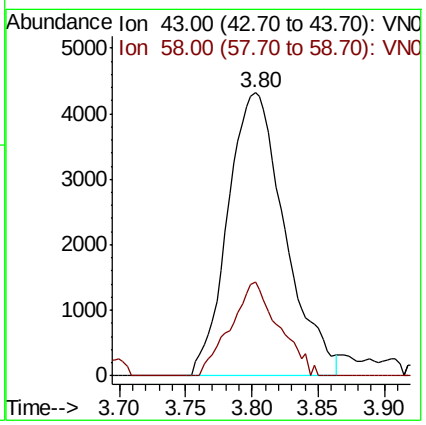


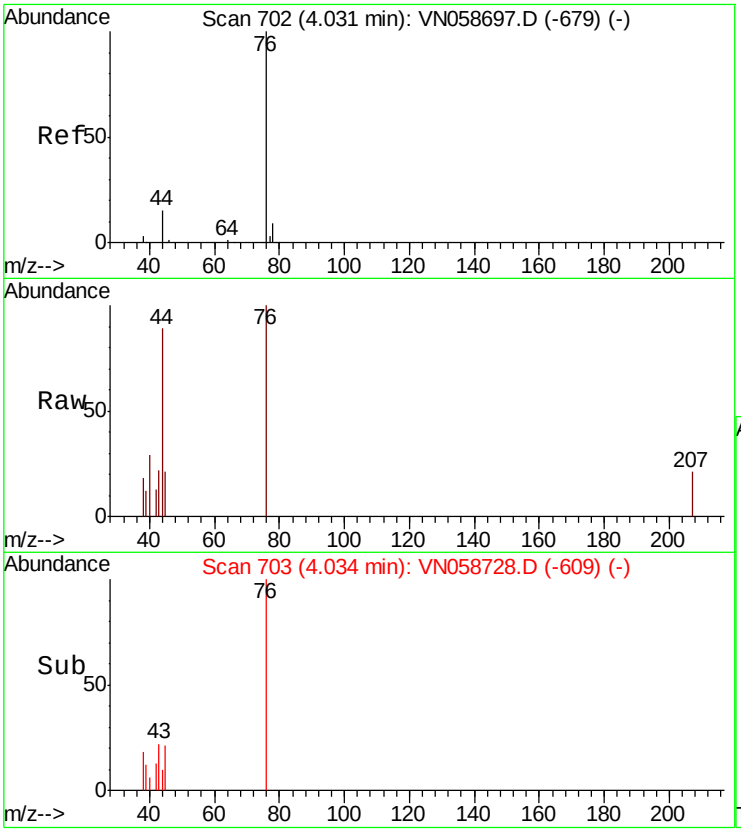


#16
Acetone
Concen: 5.763 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 12921

Ion	Ratio	Lower	Upper
43	100		
58	33.0	23.3	34.9



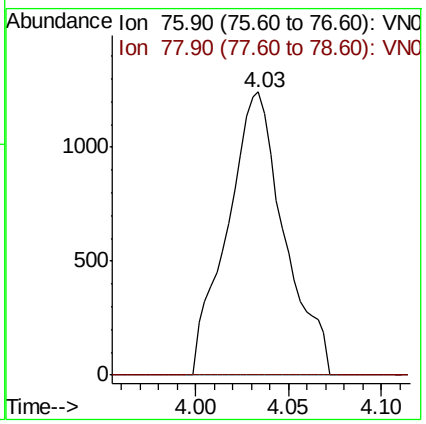


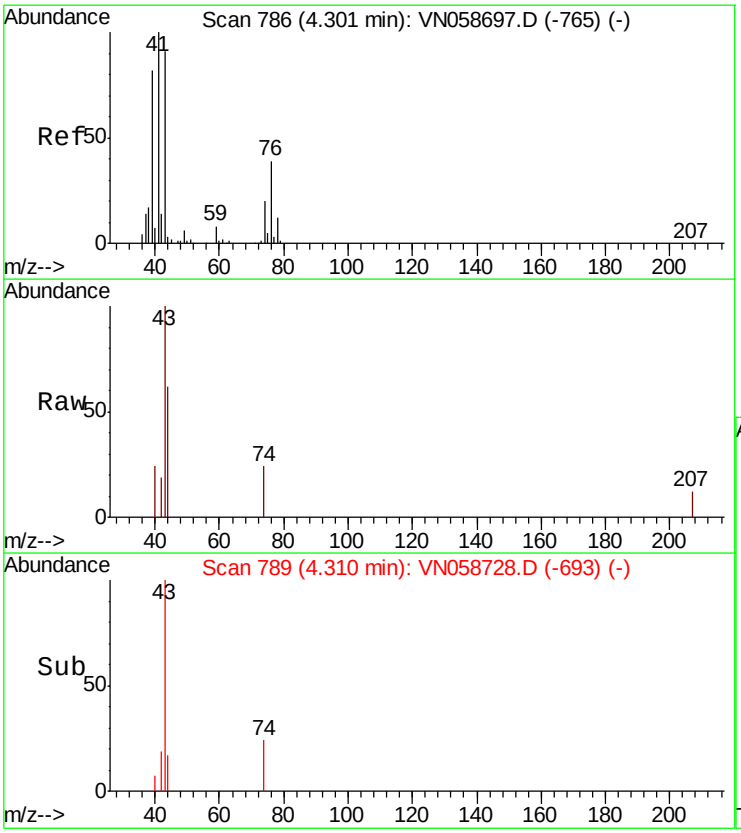
#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 2653

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

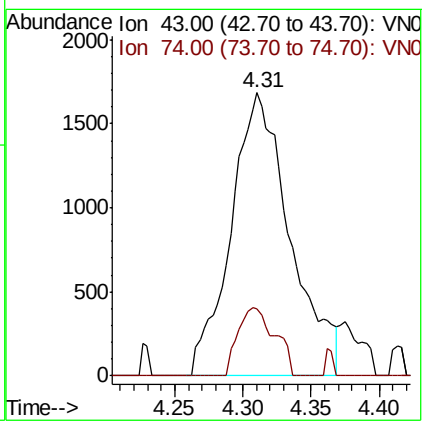


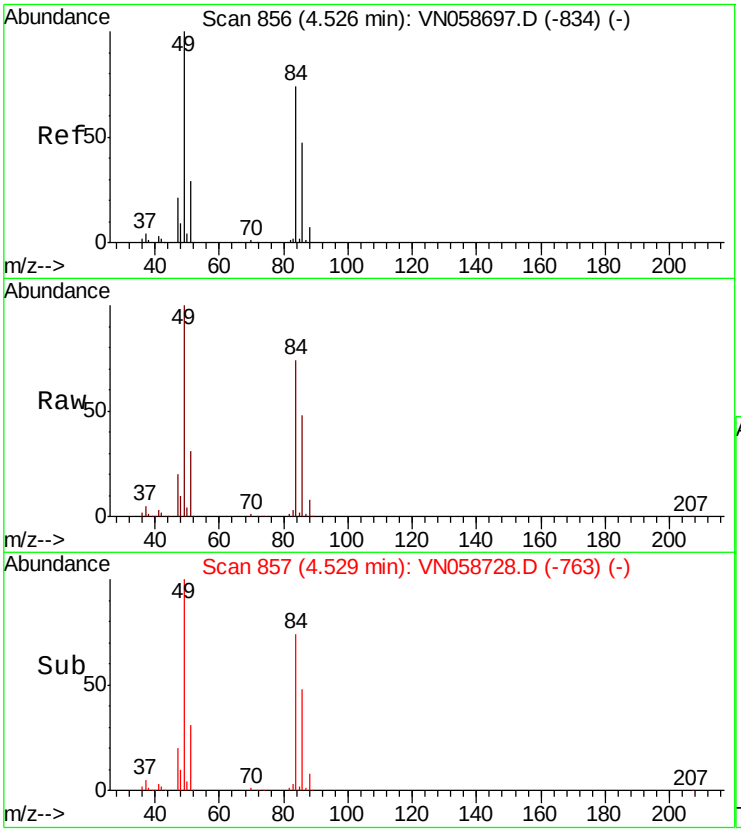


#18
Methyl Acetate
Concen: 0.891 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 5070

Ion	Ratio	Lower	Upper
43	100		
74	15.0	17.2	25.8#



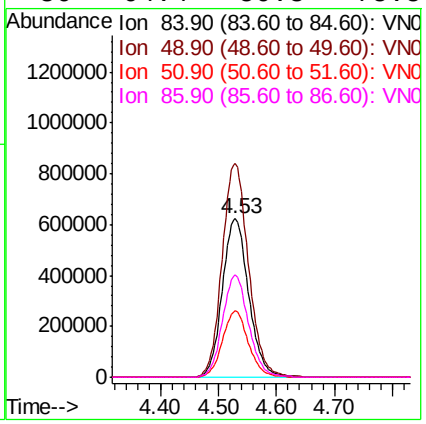


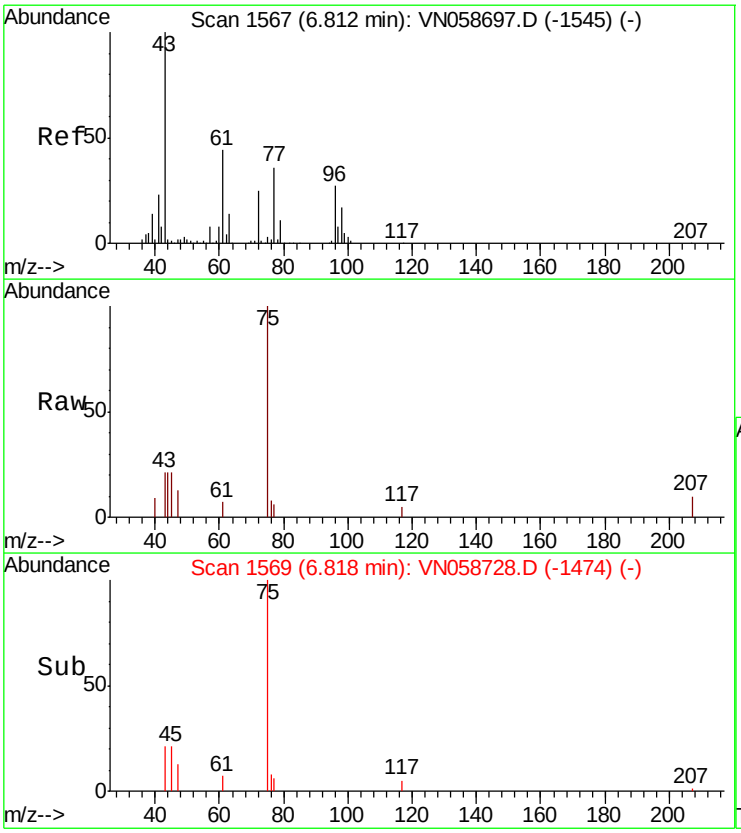
#20
Methylene Chloride
Concen: 418.795 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 1962518

Ion	Ratio	Lower	Upper
84	100		
49	134.8	107.6	161.4
51	41.6	31.4	47.0
86	64.4	50.3	75.5

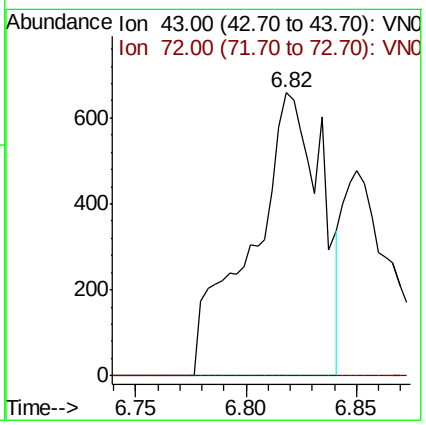


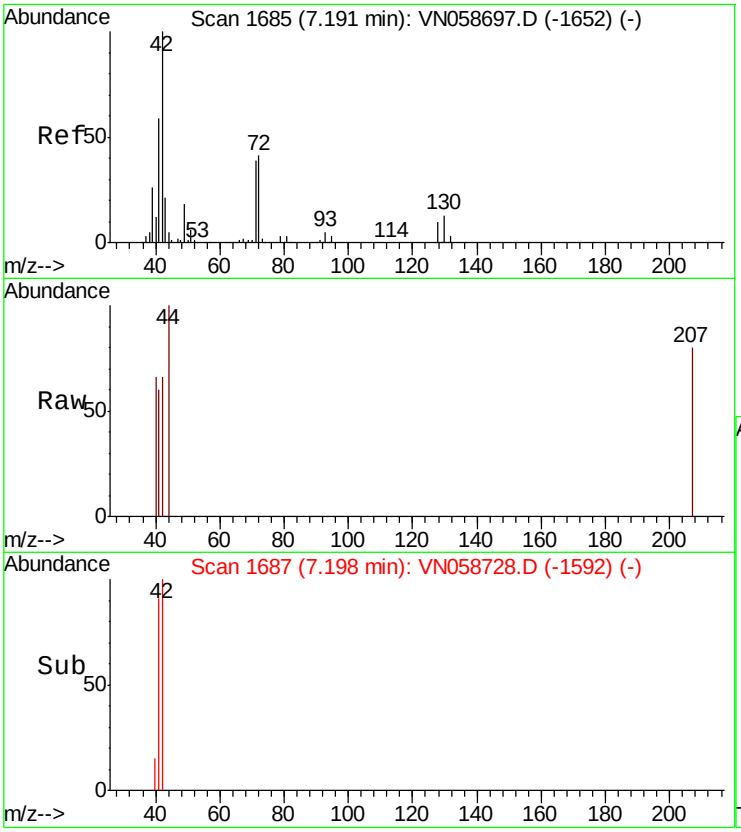


#25
2-Butanone
Concen: 0.447 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 1448

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#



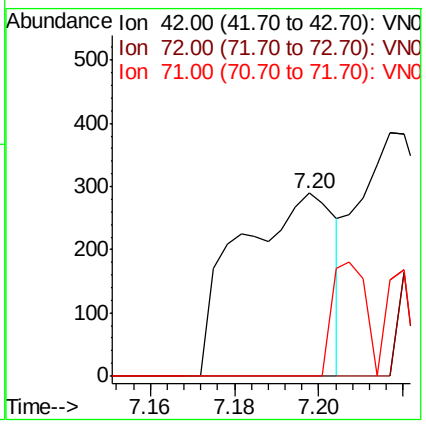


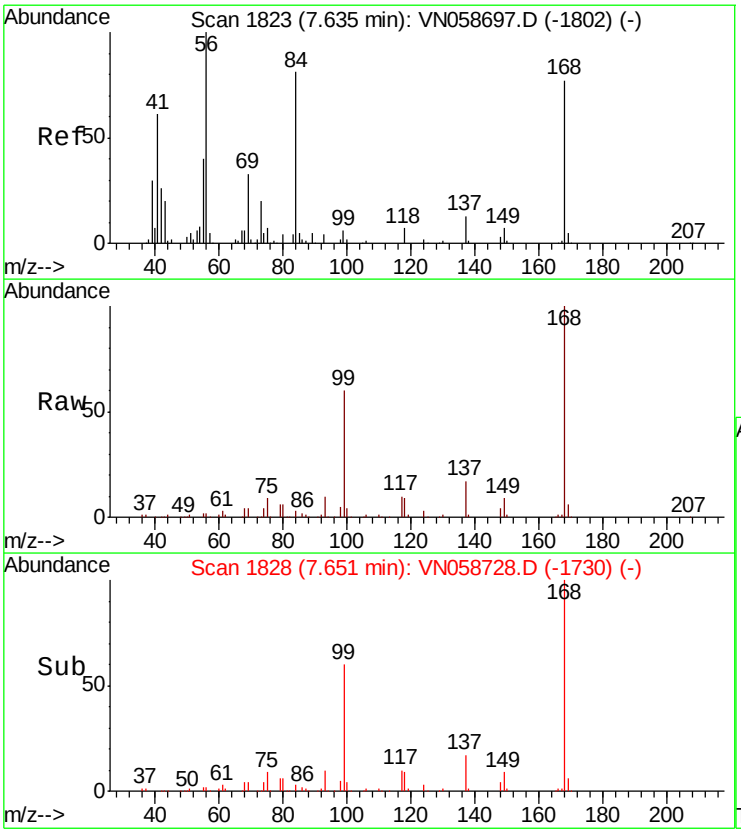
#29
Tetrahydrofuran
Concen: 0.216 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 453

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	21.4	31.1	46.7#

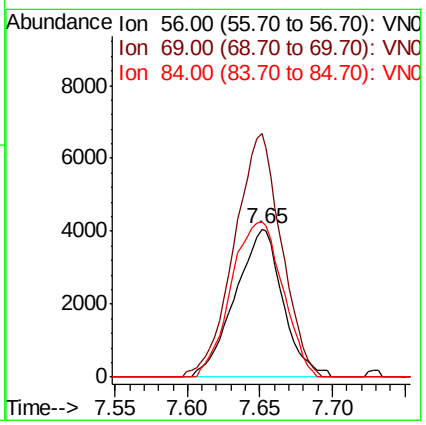


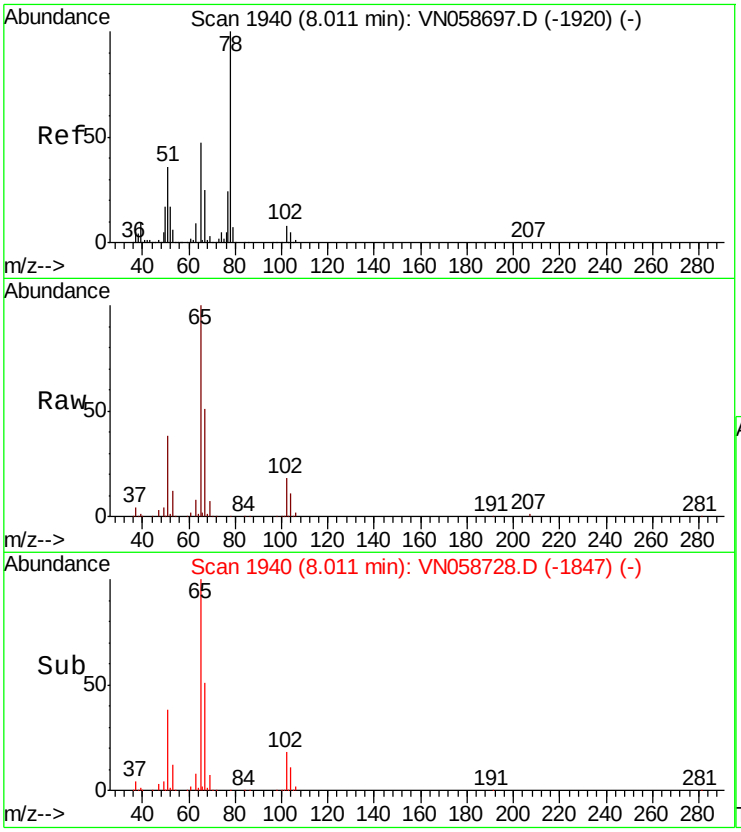


#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 56 Resp: 9268

Ion	Ratio	Lower	Upper
56	100		
69	164.3	26.2	39.4#
84	104.9	64.9	97.3#



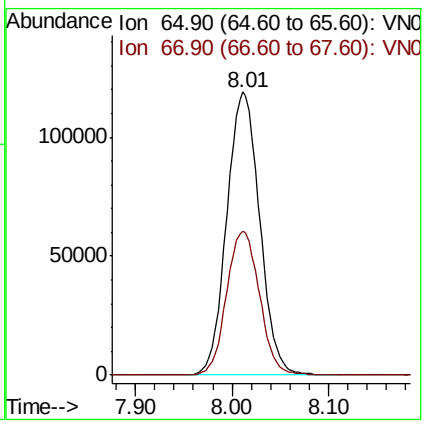


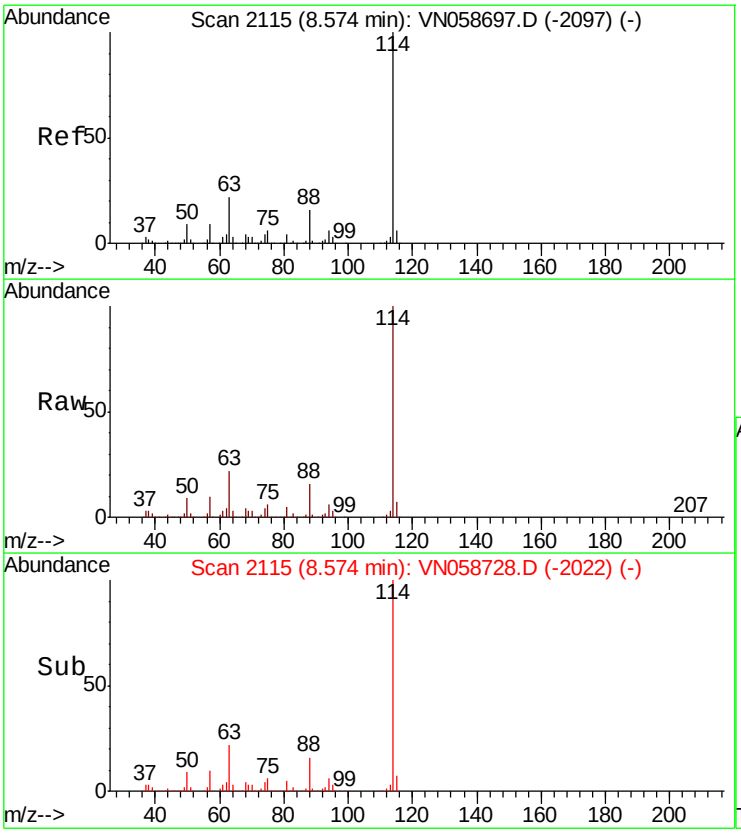
#33
1,2-Dichloroethane-d4
Concen: 51.922 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 281212

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.8

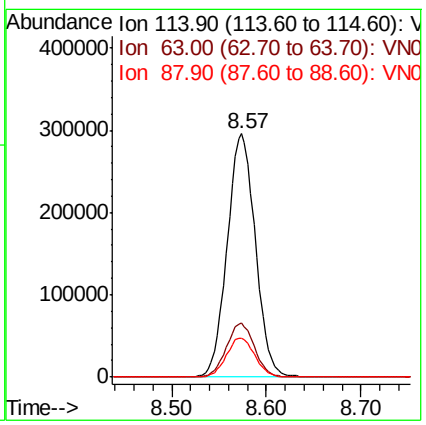


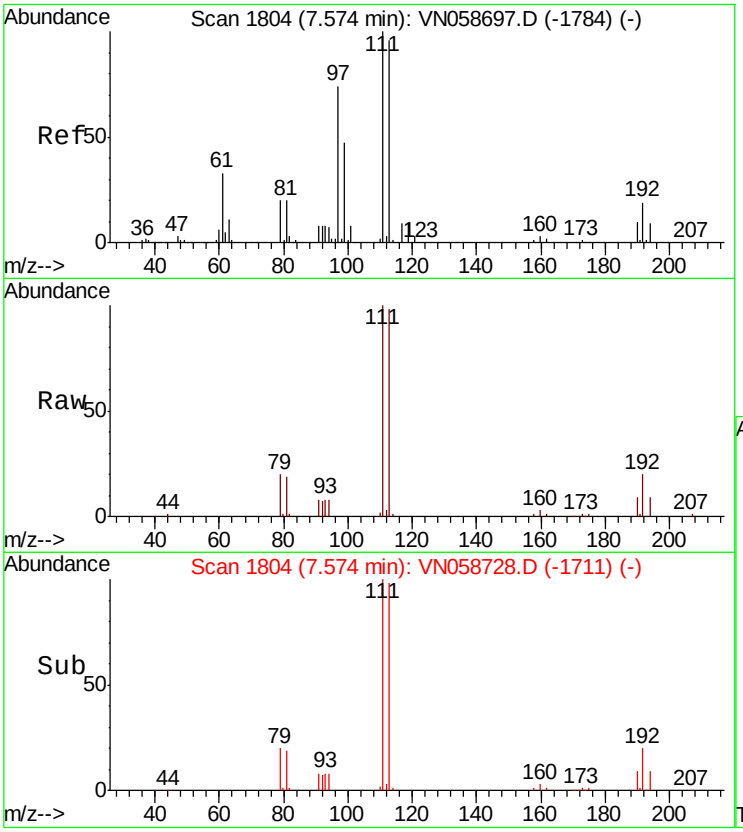


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion:114 Resp: 610552

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.2	0.0	32.0



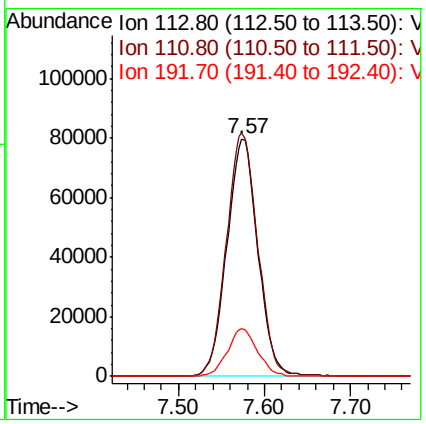


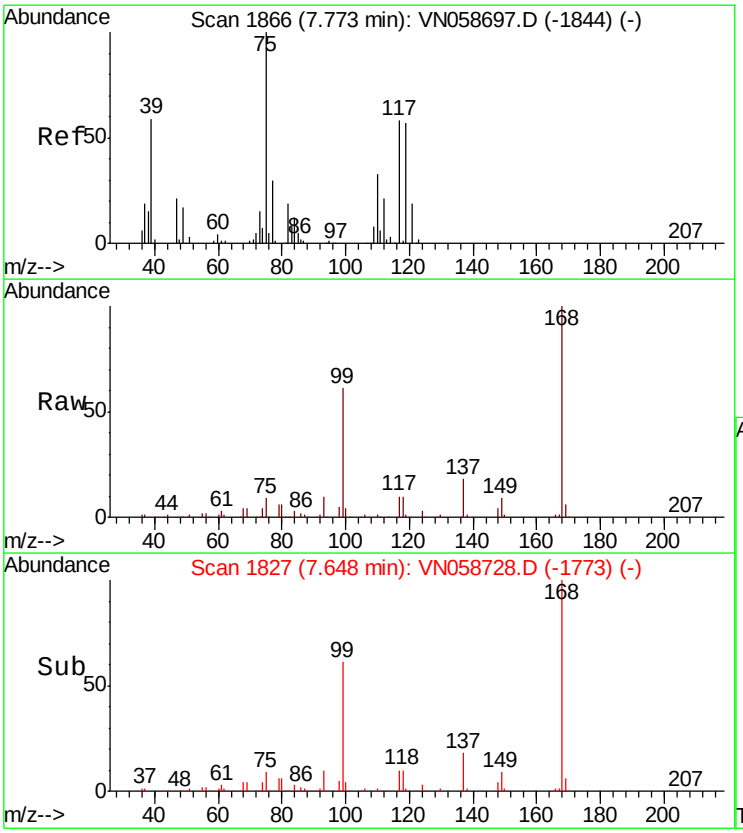
#35
Dibromofluoromethane
Concen: 52.859 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 199345

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.3	123.5
192	19.4	15.0	22.6

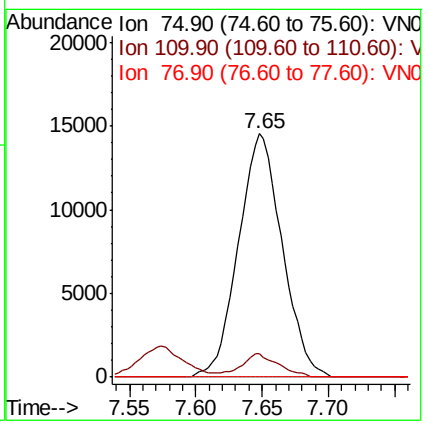


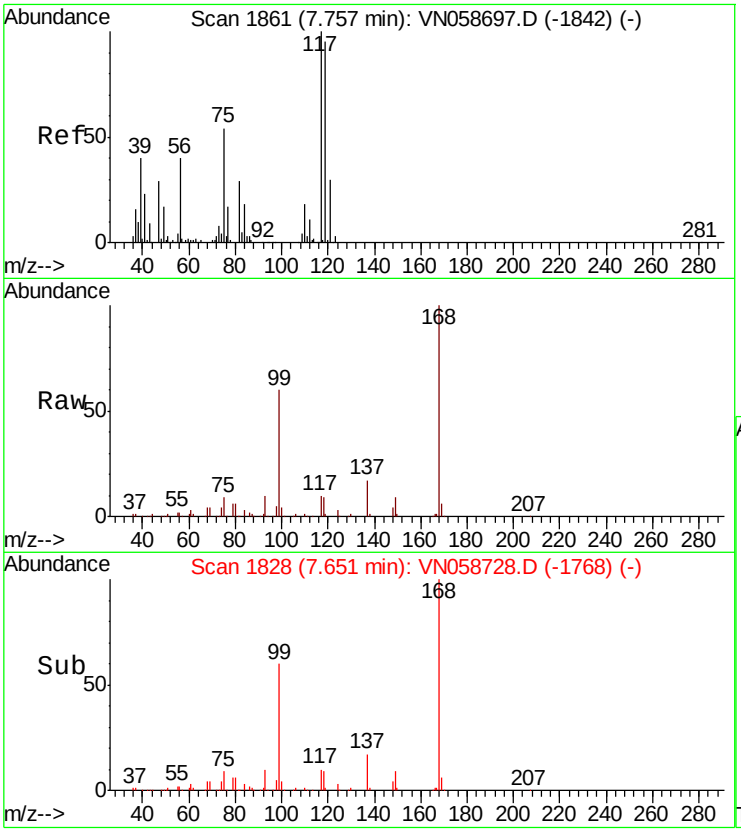


#36
1,1-Dichloropropene
Concen: 5.399 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 75 Resp: 33331

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.6	49.8#
77	0.0	24.6	37.0#



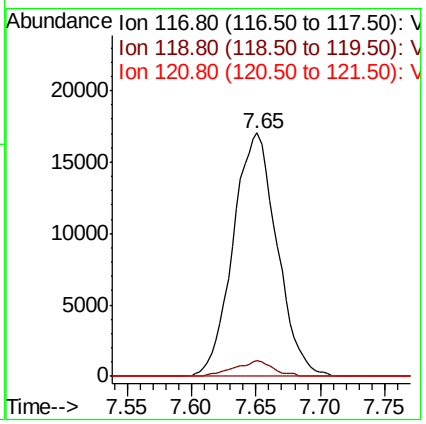


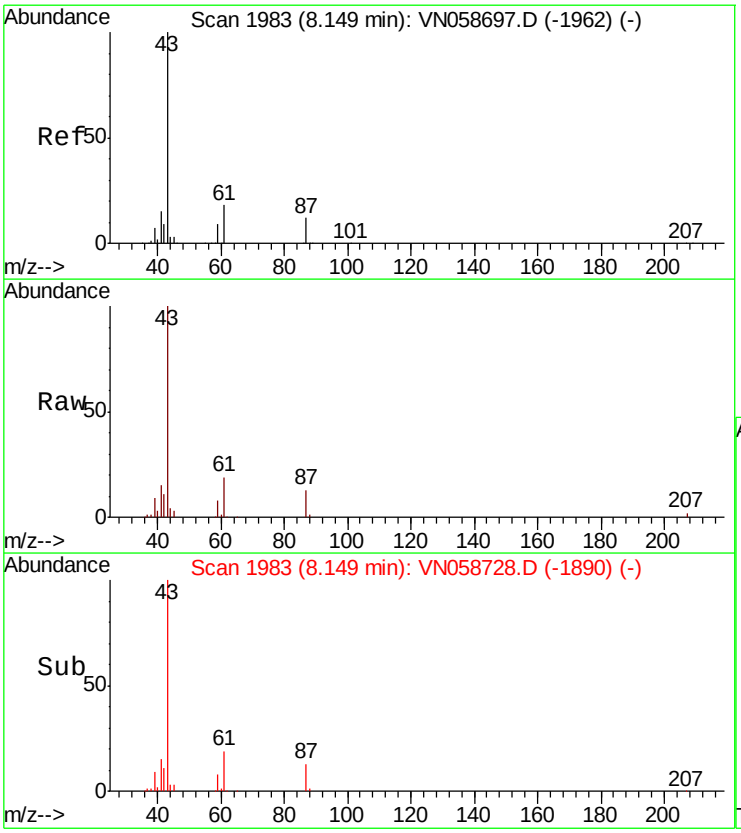
#38
Carbon Tetrachloride
Concen: 6.691 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 40257

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.7	113.5#
121	0.0	23.9	35.9#

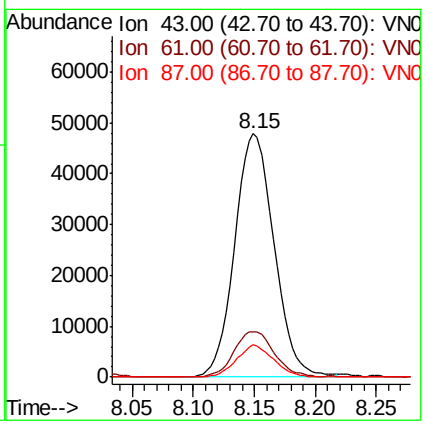


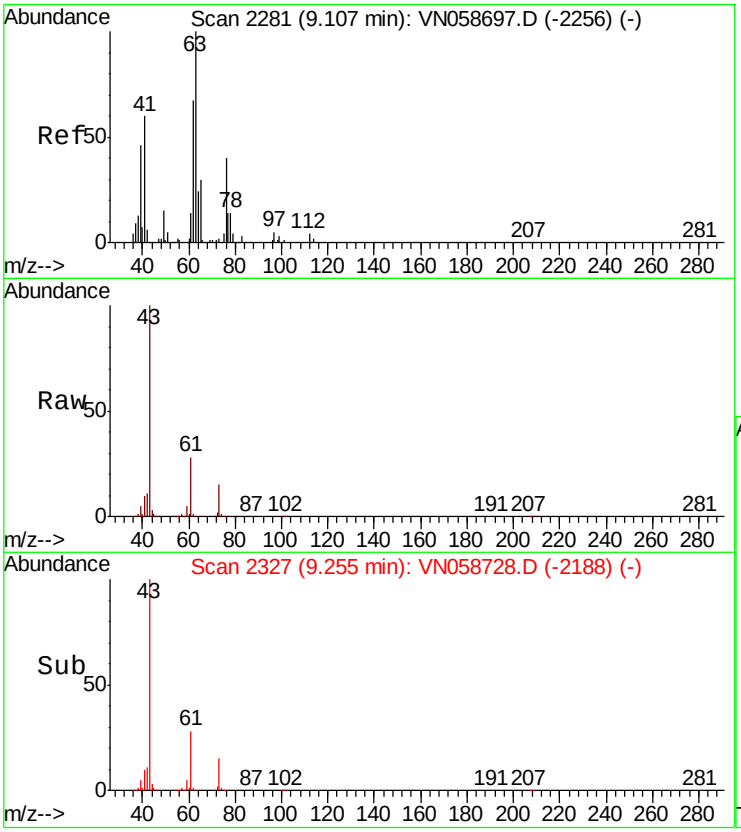


#43
Isopropyl Acetate
Concen: 10.054 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 106924

Ion	Ratio	Lower	Upper
43	100		
61	19.2	20.3	30.5#
87	12.4	9.8	14.6



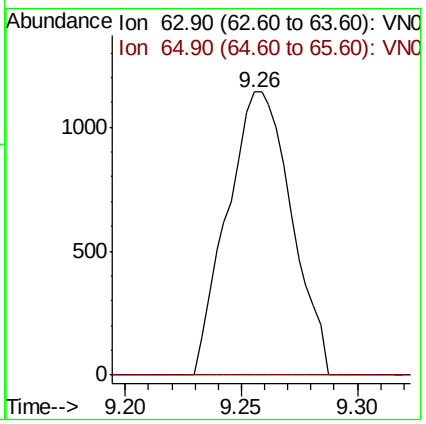


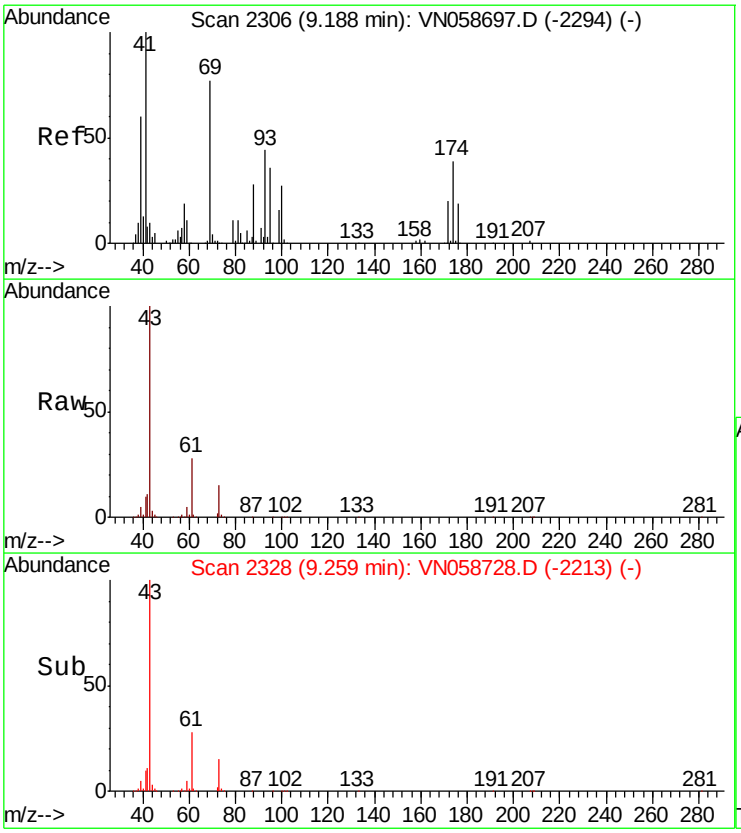
#45
1,2-Dichloropropane
Concen: 0.464 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.15 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 2203

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.1	36.1#

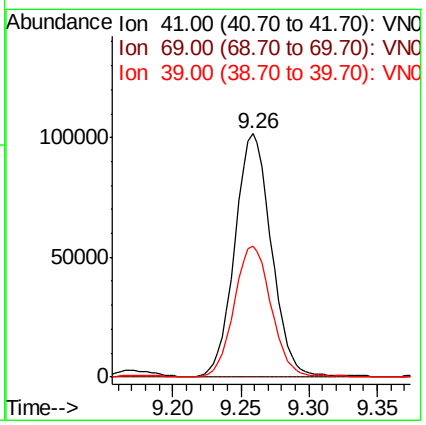


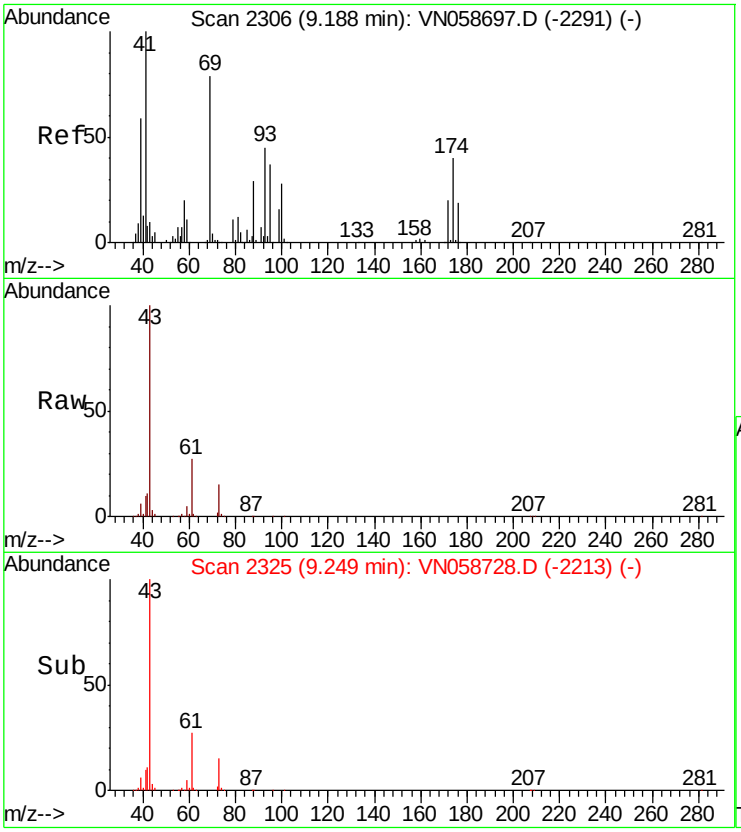


#48
Methyl methacrylate
Concen: 38.822 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.07 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 41 Resp: 187158

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.4	95.2#
39	54.8	48.9	73.3



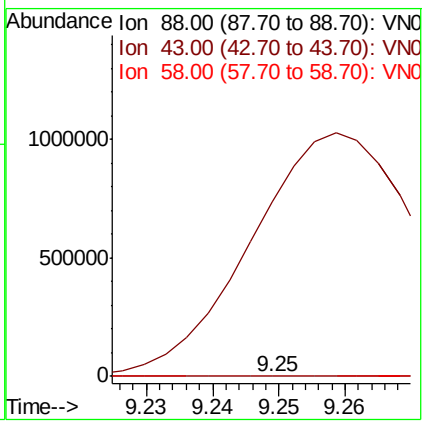


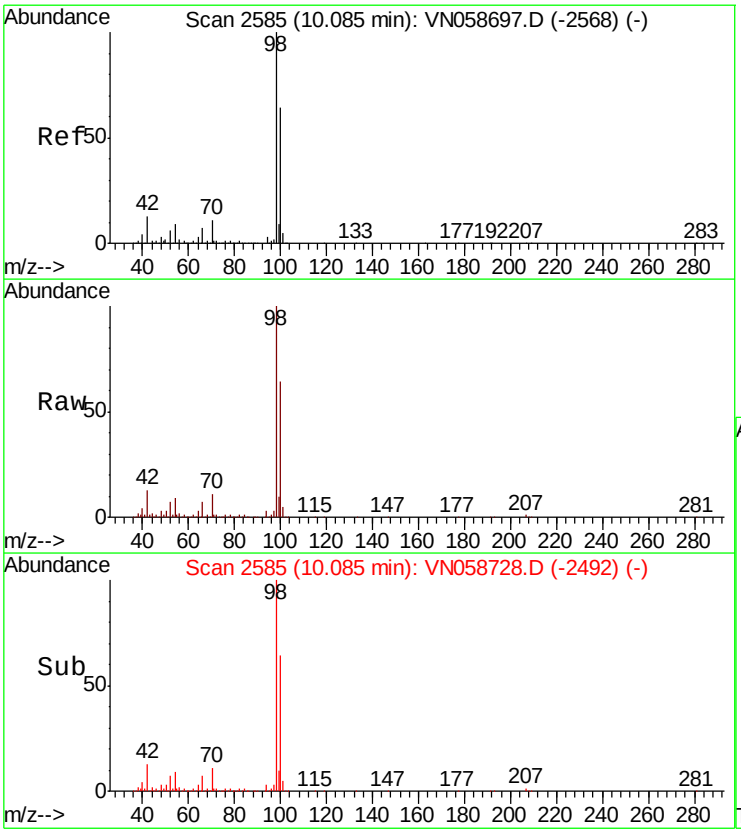
#49
1,4-Dioxane
Concen: 1.703 ug/l
RT: 9.25 min Scan# 2325
Delta R.T. 0.06 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 127

Ion	Ratio	Lower	Upper
88	100		
43	1494271.7	28.6	43.0#
58	6663.0	57.2	85.8#

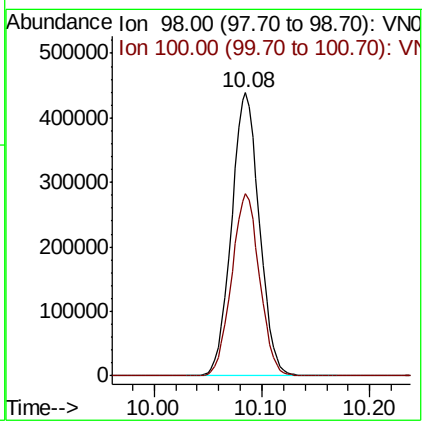


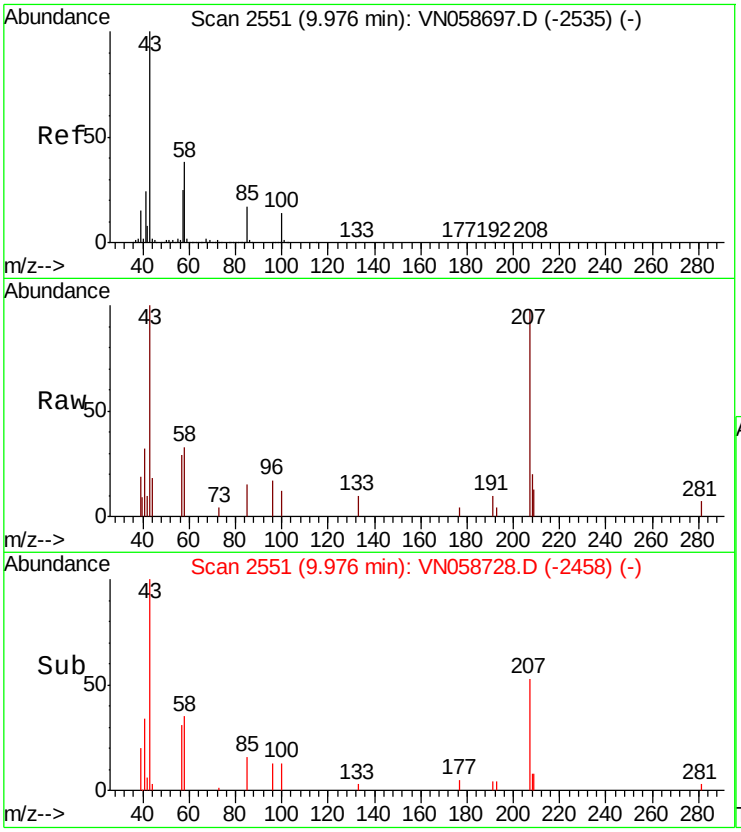


#50
Toluene-d8
Concen: 52.506 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 98 Resp: 791826

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.1	76.7



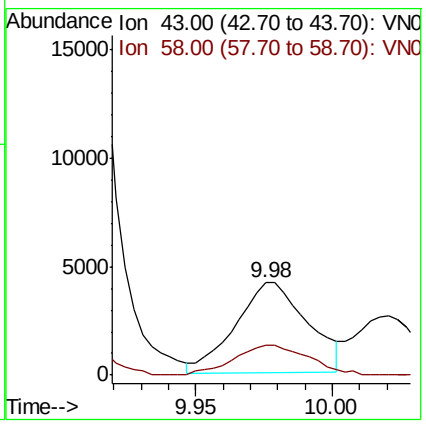


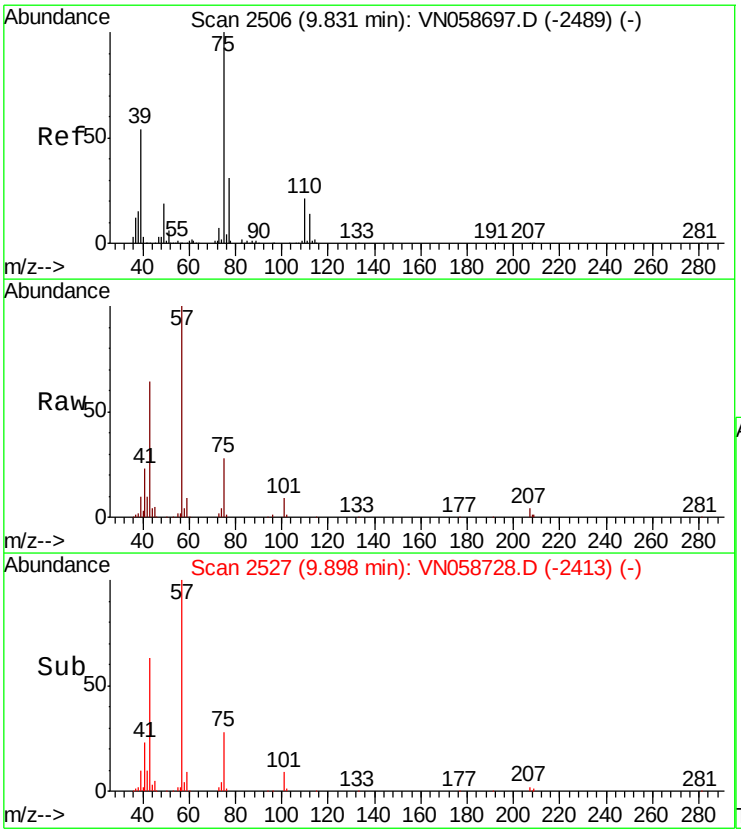
#51
4-Methyl-2-Pentanone
Concen: 1.278 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 7631

Ion	Ratio	Lower	Upper
43	100		
58	34.5	30.3	45.5

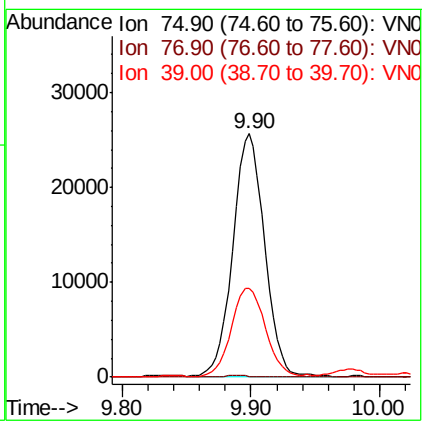


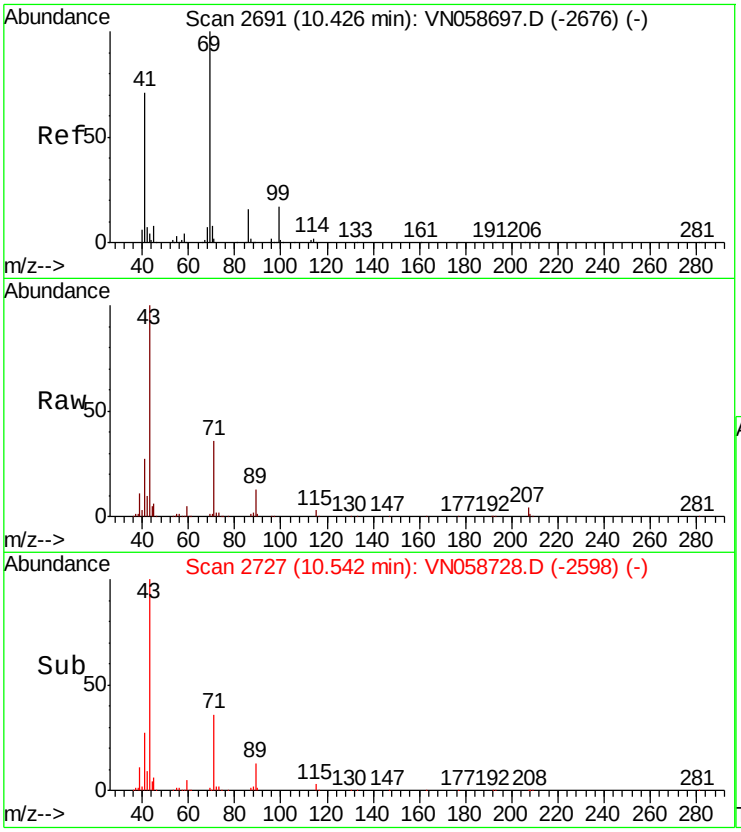


#54
cis-1,3-Dichloropropene
Concen: 5.919 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.07 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 75 Resp: 44168

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.4	36.6#
39	36.6	43.1	64.7#



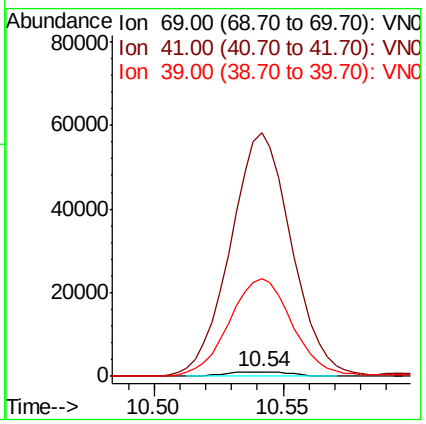


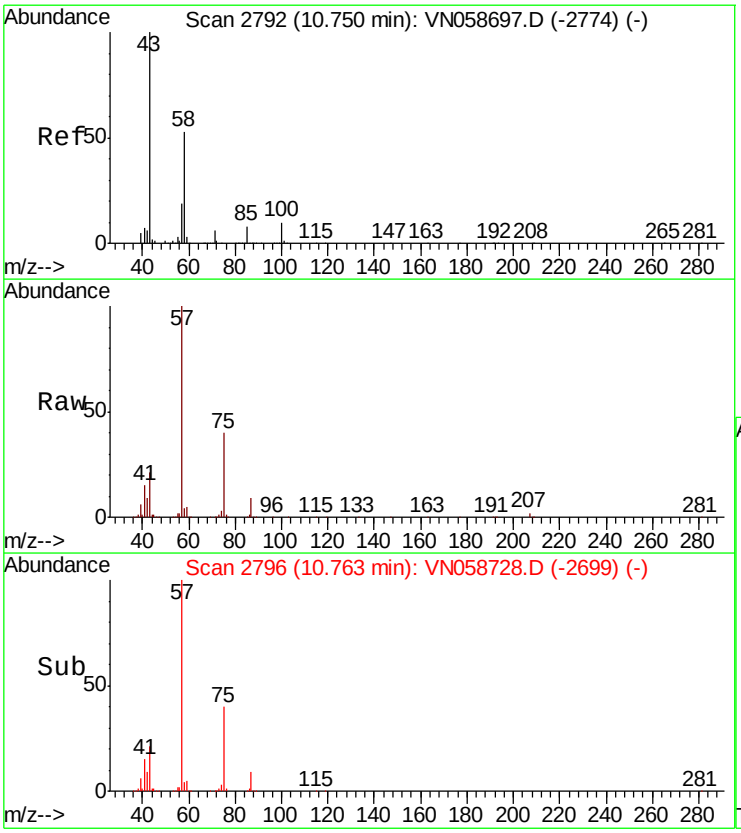
#56
Ethyl methacrylate
Concen: 0.304 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1972

Ion	Ratio	Lower	Upper
69	100		
41	4852.3	56.8	85.2#
39	2034.6	32.5	48.7#

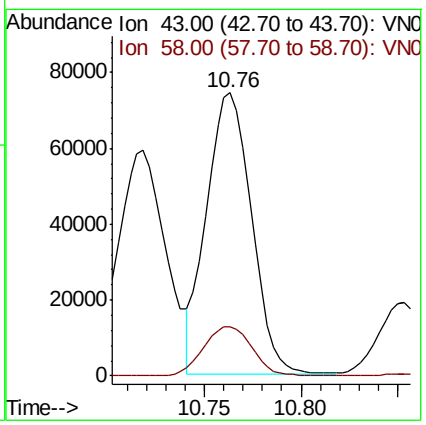


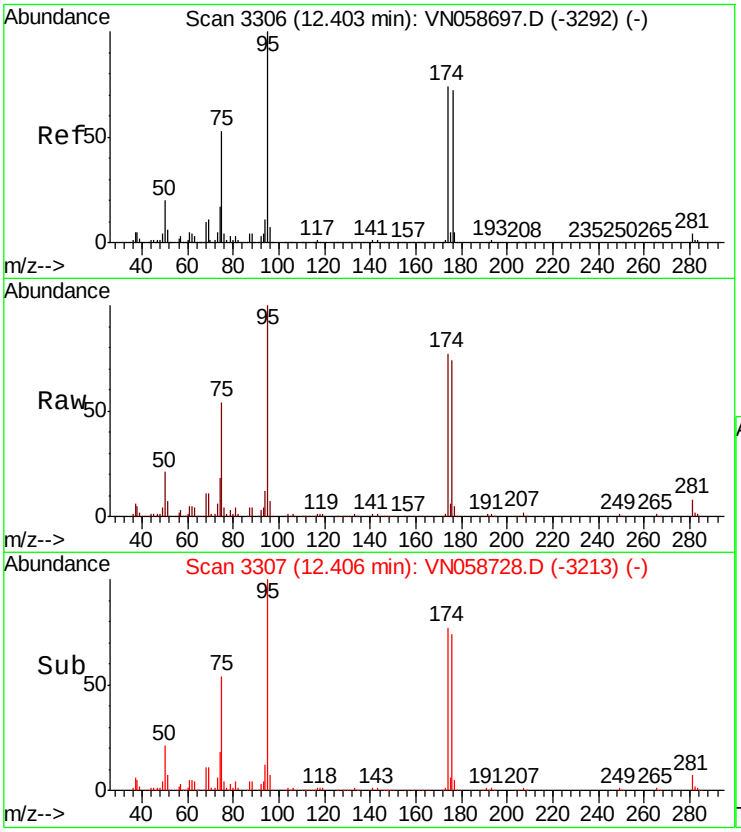


#59
2-Hexanone
Concen: 26.133 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 43 Resp: 120629

Ion	Ratio	Lower	Upper
43	100		
58	18.8	26.1	78.3#



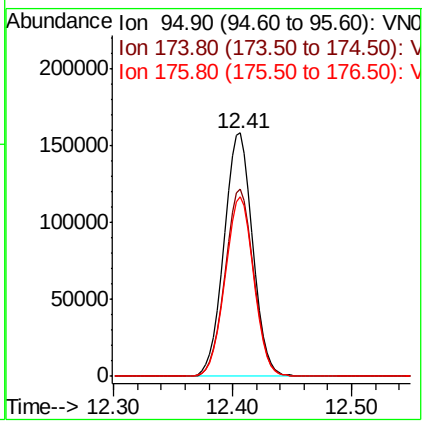


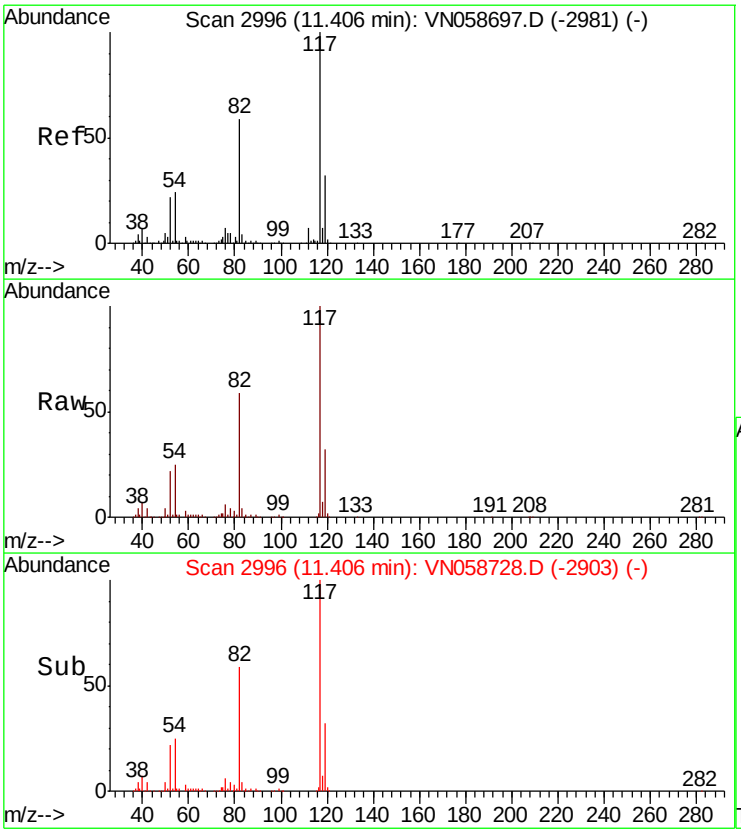
#62
4-Bromofluorobenzene
Concen: 46.148 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 263434

Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	150.4
176	73.9	0.0	146.8

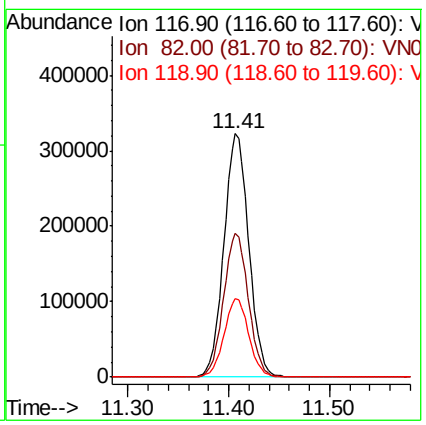


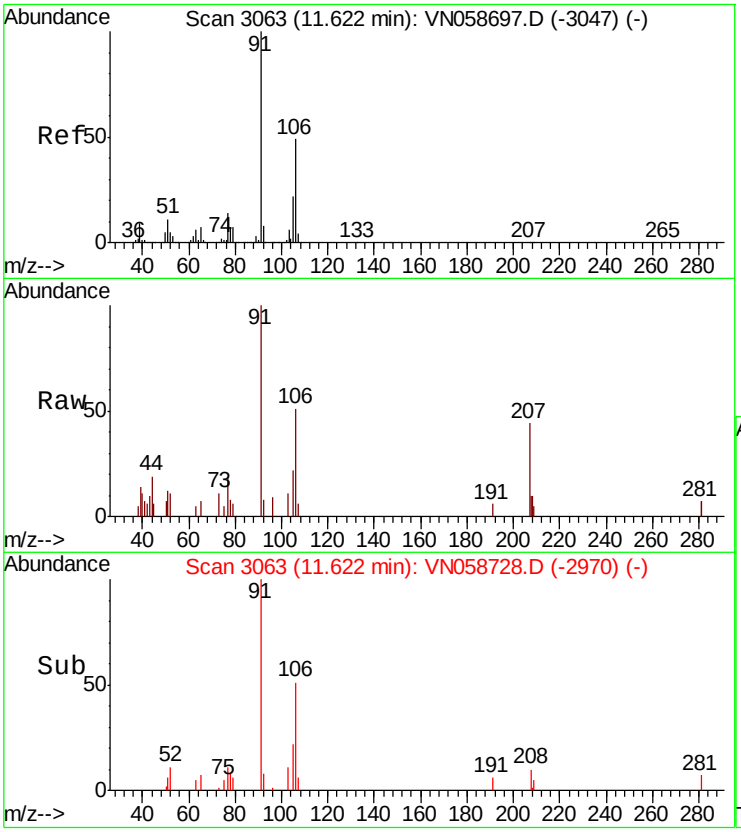


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion:117 Resp: 555794

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.0	70.4
119	32.1	25.4	38.2



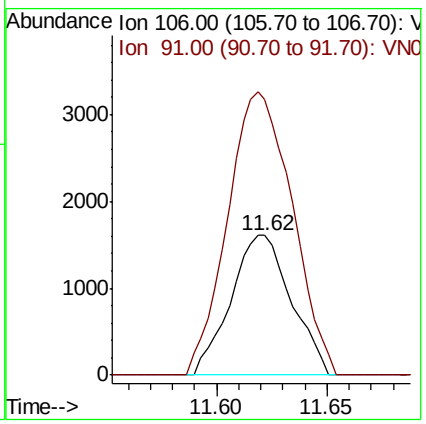


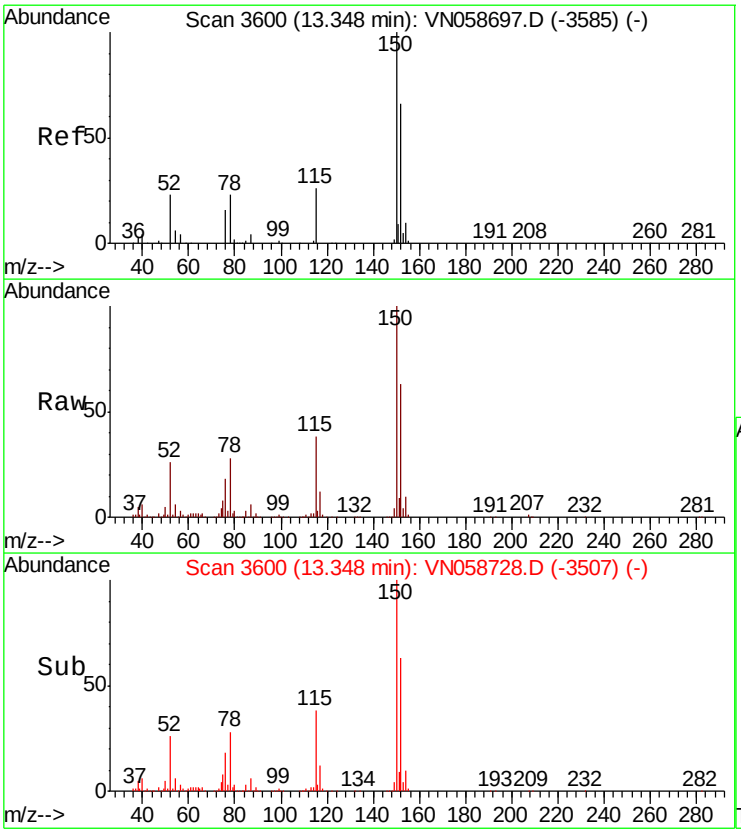
#68
m/p-Xylenes
Concen: 0.404 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 3050

Ion	Ratio	Lower	Upper
106	100		
91	217.3	165.7	248.5

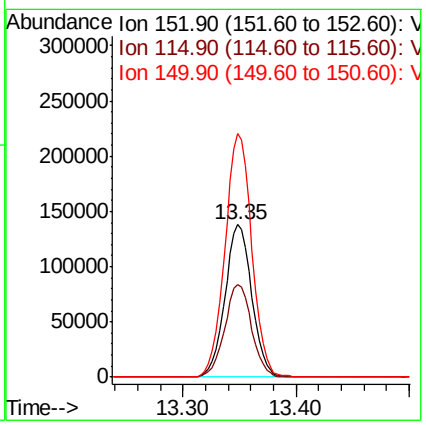


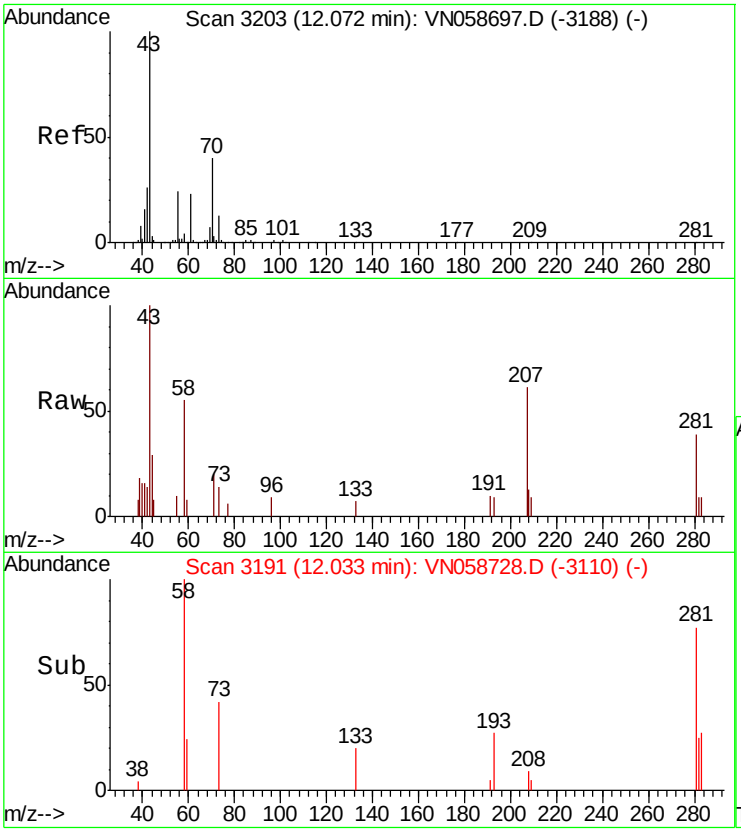


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion:152 Resp: 226670

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.4	91.2
150	159.5	0.0	345.4



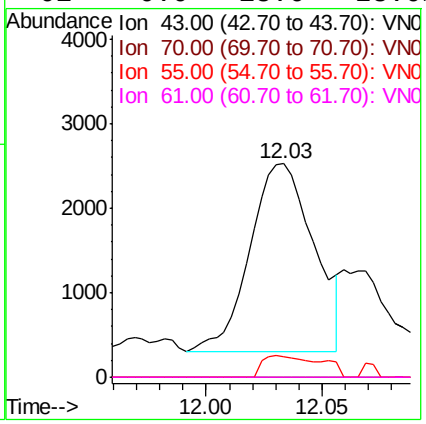


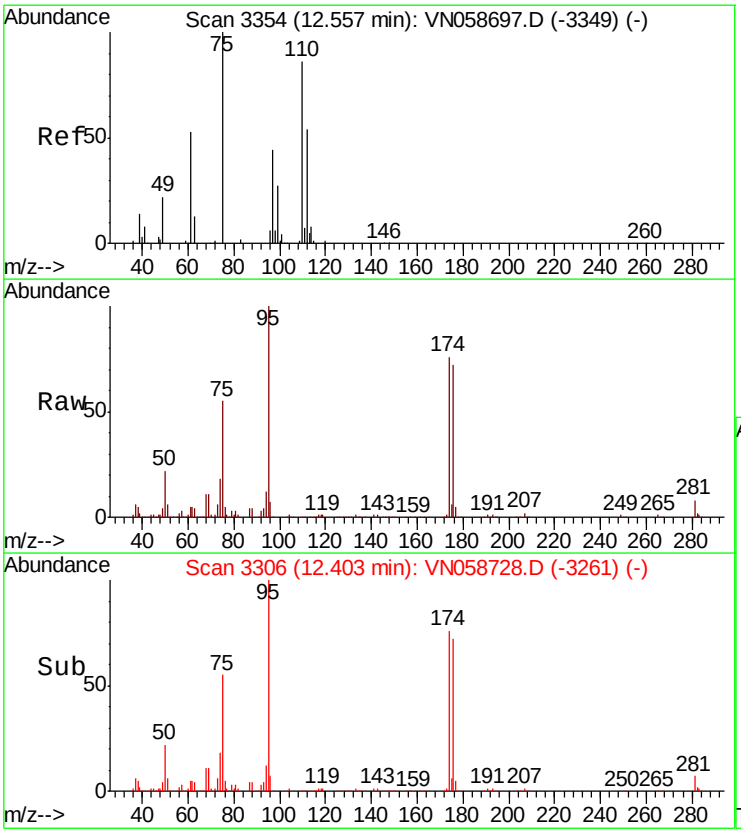
#74
N-amyl acetate
Concen: 0.582 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4291

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.2	48.4#
55	10.4	19.6	29.4#
61	0.0	18.6	28.0#

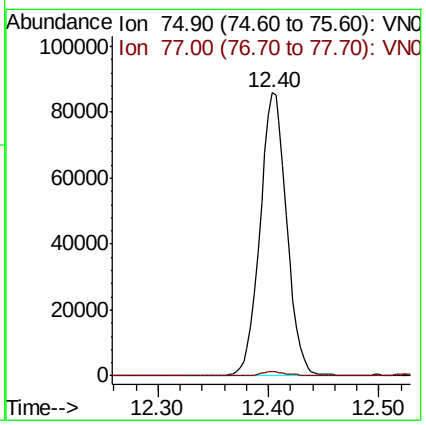


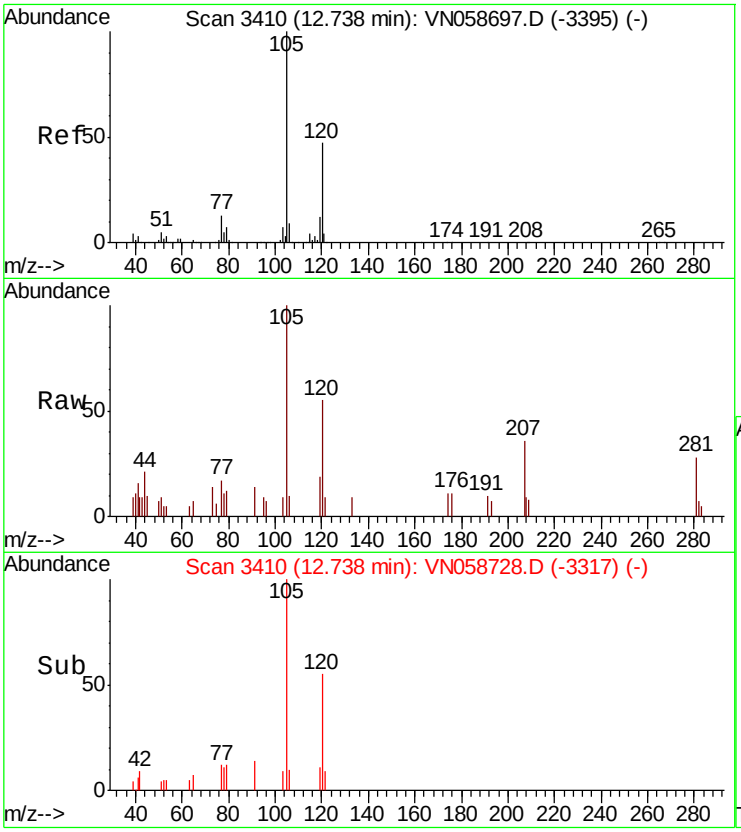


#76
1,2,3-Trichloropropane
Concen: 29.198 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 75 Resp: 145189

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



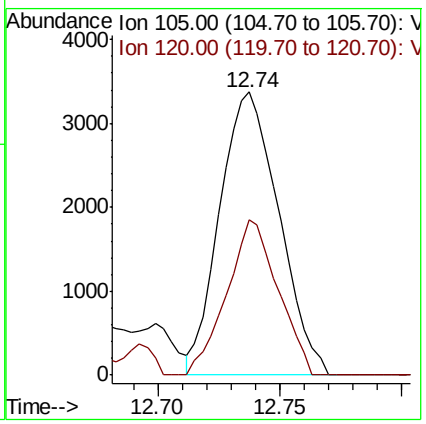


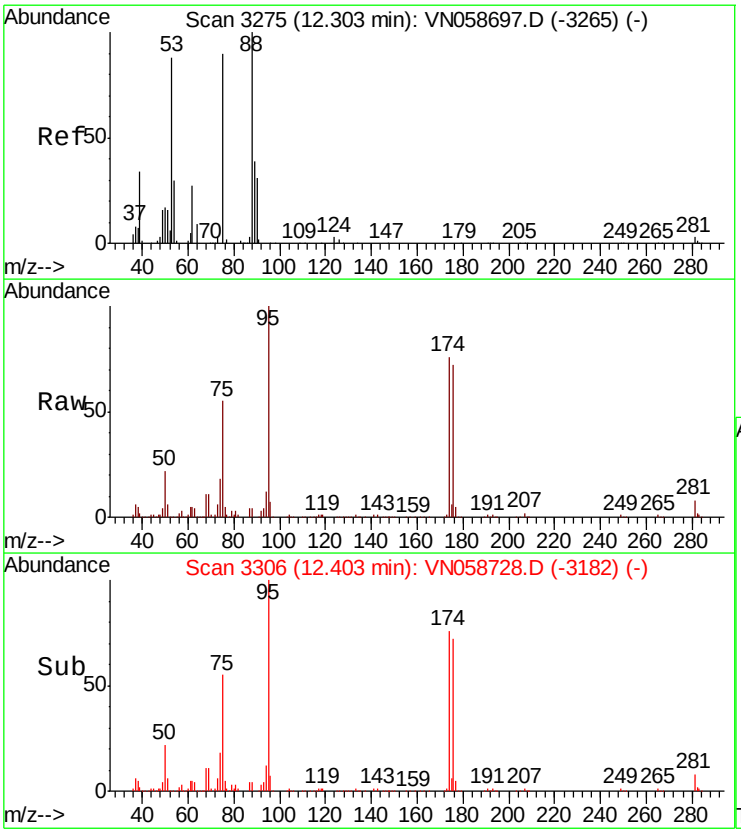
#80
1,3,5-Trimethylbenzene
Concen: 0.406 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 5687

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.4	70.2

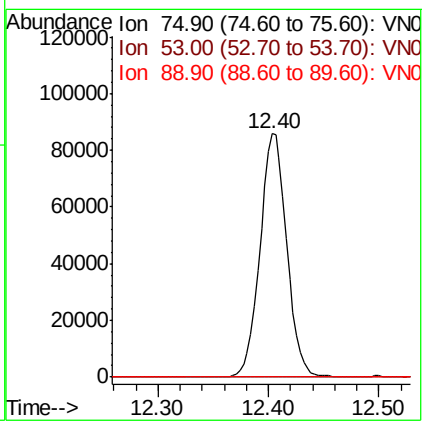


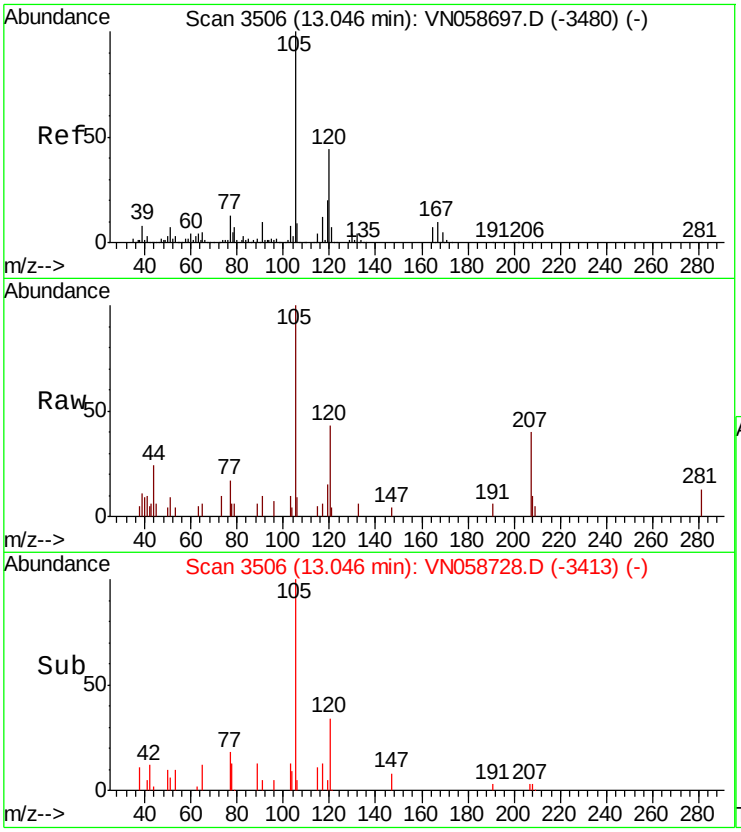


#81
trans-1,4-Dichloro-2-butene
Concen: 78.212 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion: 75 Resp: 145189

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.4	117.6#
89	0.0	34.9	52.3#



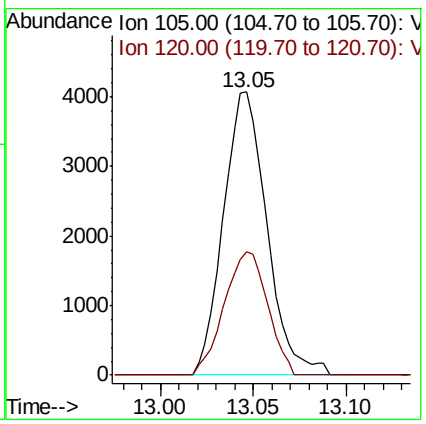


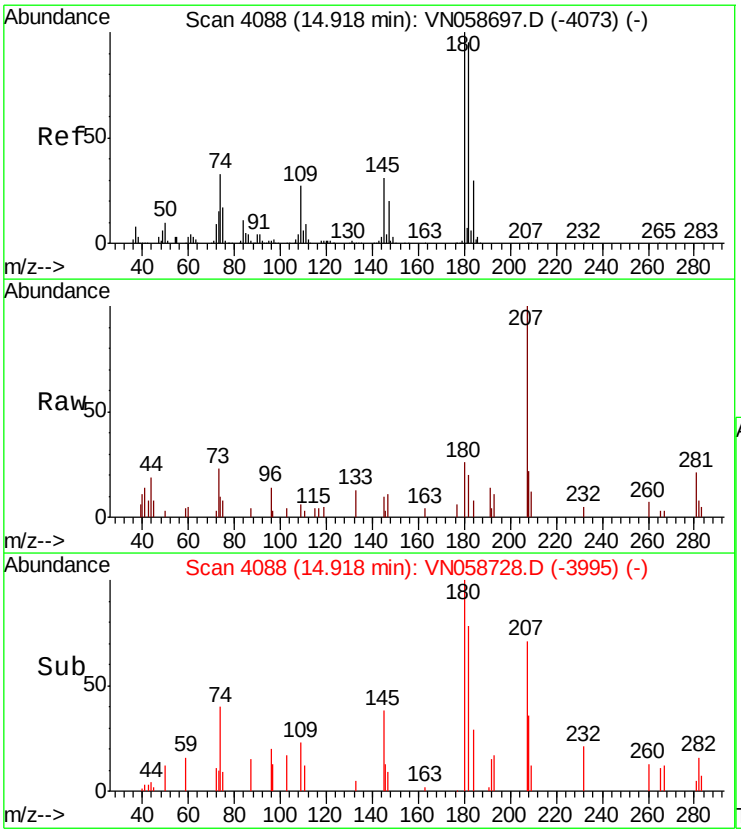
#84
1,2,4-Trimethylbenzene
Concen: 0.476 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 6620

Ion	Ratio	Lower	Upper
105	100		
120	43.3	21.9	65.7

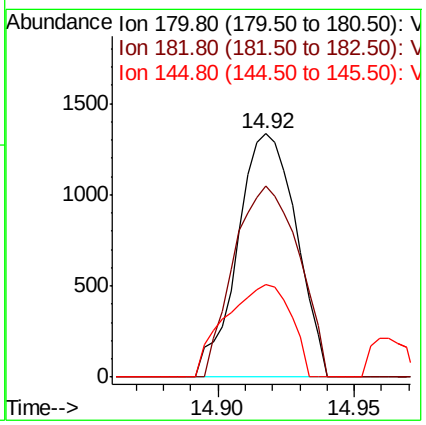


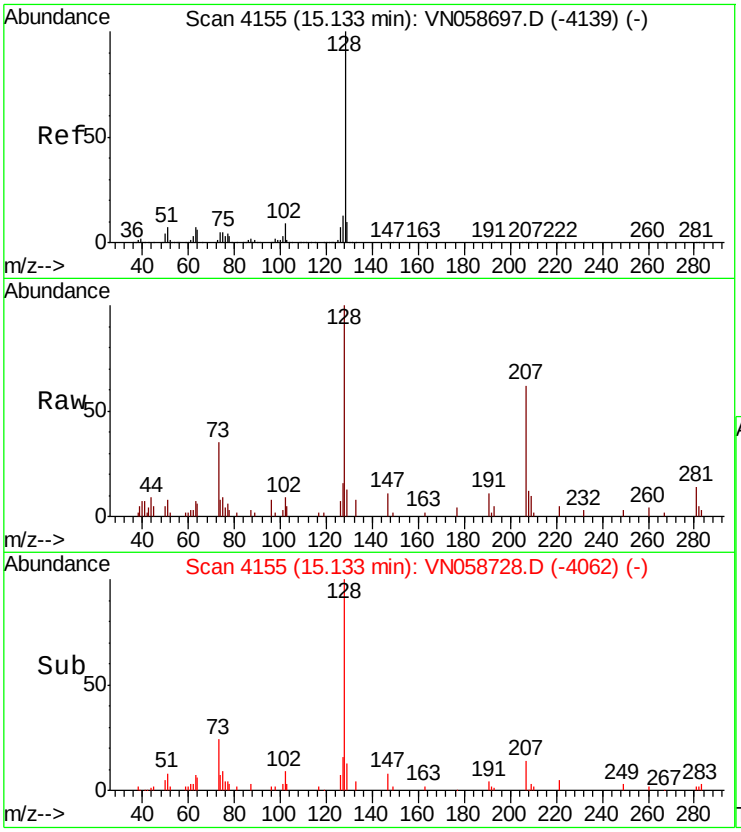


#93
1,2,4-Trichlorobenzene
Concen: 0.456 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion:180 Resp: 1996

Ion	Ratio	Lower	Upper
180	100		
182	86.9	47.4	142.2
145	42.3	15.4	46.2



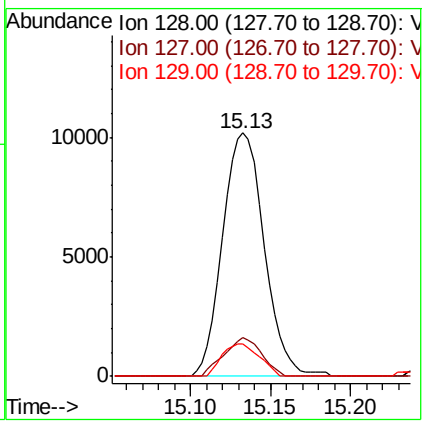


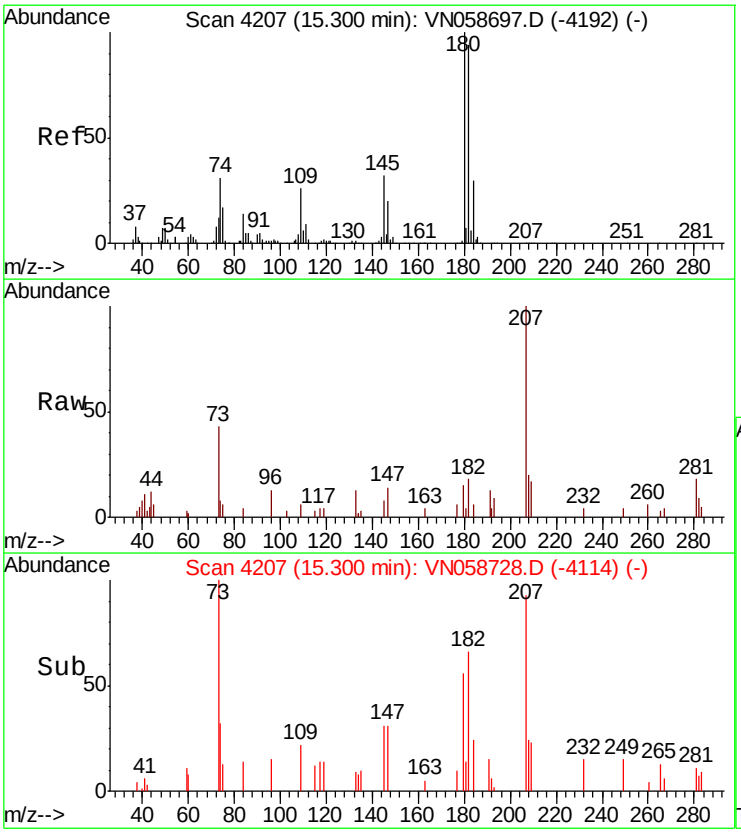
#95
Naphthalene
Concen: 1.435 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 18060

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.4
129	11.8	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 0.469 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN058728.D
Acq: 12 Oct 2019 1:55

Tgt Ion:180 Resp: 2006

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.3	142.0
145	76.5	16.2	48.6#