Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062519\
Data File : VN056481.D
Acq On : 25 Jun 2019 13:08
Operator : JC/SP
Sample : PB120881ZHE#13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Quant Time: Jun 26 03:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	349746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	611165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	605547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	203104	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
35) Dibromofluoromethane	7.59	113	175811	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.22%			
50) Toluene-d8	10.09	98	747675	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.80%			
62) 4-Bromofluorobenzene	12.40	95	245483	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.28%			
Target Compounds						Qvalue
16) Acetone	3.83	43	6443	3.318	ug/l	97
18) Methyl Acetate	4.34	43	7520	1.129	ug/l #	83
20) Methylene Chloride	4.55	84	2027	Below Cal	#	90
25) 2-Butanone	6.86	43	1986	0.773	ug/l #	86
29) Tetrahydrofuran	7.22	42	1204	0.767	ug/l #	42
31) Cyclohexane	7.67	56	5746	0.960	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21896	4.070	ug/l #	44
38) Carbon Tetrachloride	7.67	117	29944	6.365	ug/l #	14
43) Isopropyl Acetate	8.17	43	15092	1.851	ug/l	93
45) 1,2-Dichloropropane	9.27	63	2092	0.473	ug/l #	43
48) Methyl methacrylate	9.18	41	9964	2.439	ug/l #	12
49) 1,4-Dioxane	9.26	88	138	1.628	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4617	0.878	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	68950	11.660	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	15556	2.277	ug/l #	42
59) 2-Hexanone	10.76	43	205718	53.199	ug/l #	50
60) Dibromochloromethane	11.17	129	133	2.412	ug/l #	10
71) Bromoform	12.40	173	1786	3.647	ug/l #	1
73) Isopropylbenzene	12.25	105	31	Below Cal	#	48
74) N-amyl acetate	11.88	43	20022	3.578	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	113419	31.111	ug/l #	100
79) 2-Chlorotoluene	12.73	91	482	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	5397	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	113419	110.573	ug/l #	8
83) tert-Butylbenzene	12.73	119	606	Below Cal	#	70
95) Naphthalene	15.14	128	283	5.276	ug/l #	70

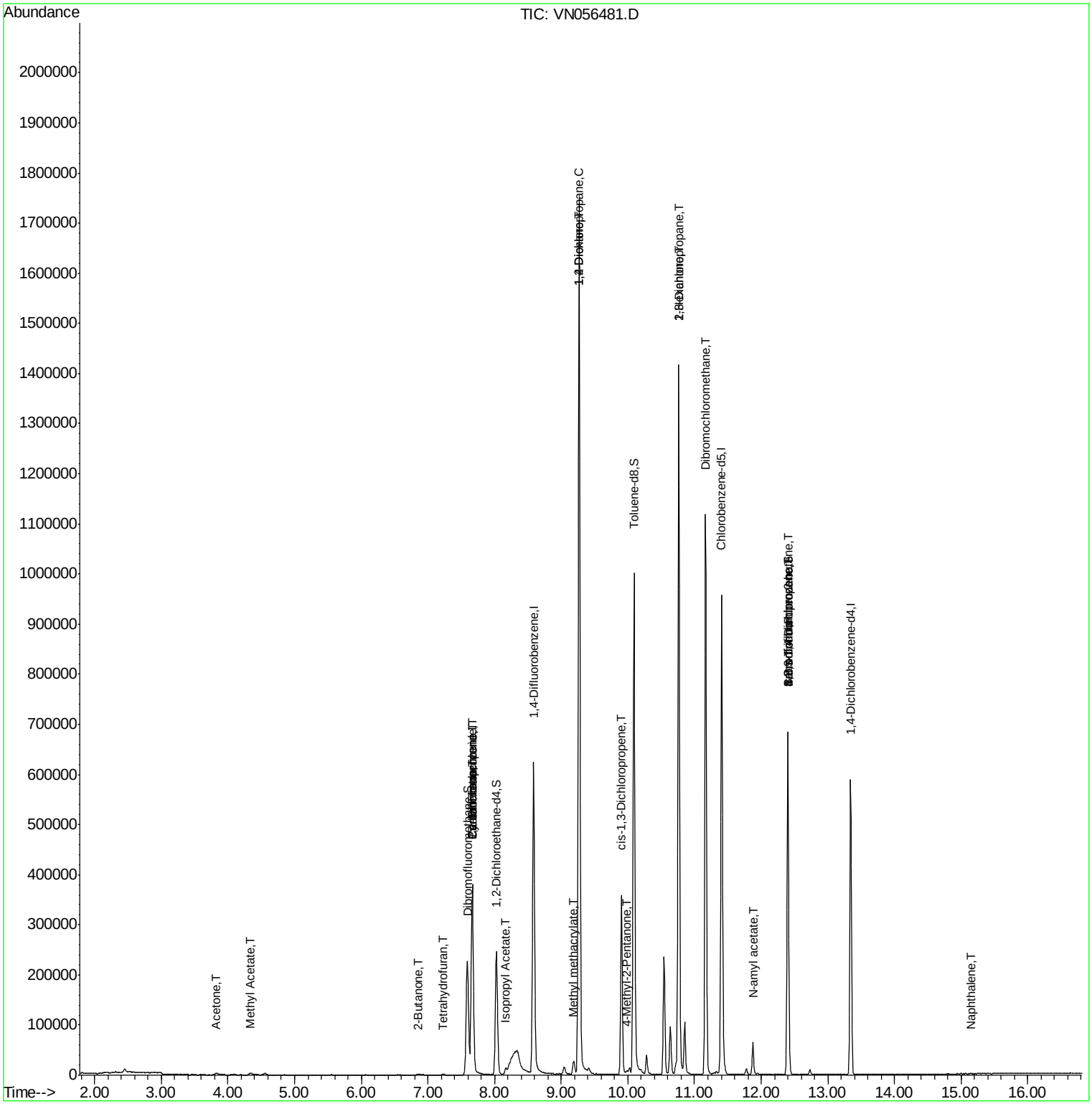
(#) = qualifier out of range (m) = manual integration (+) = signals summed

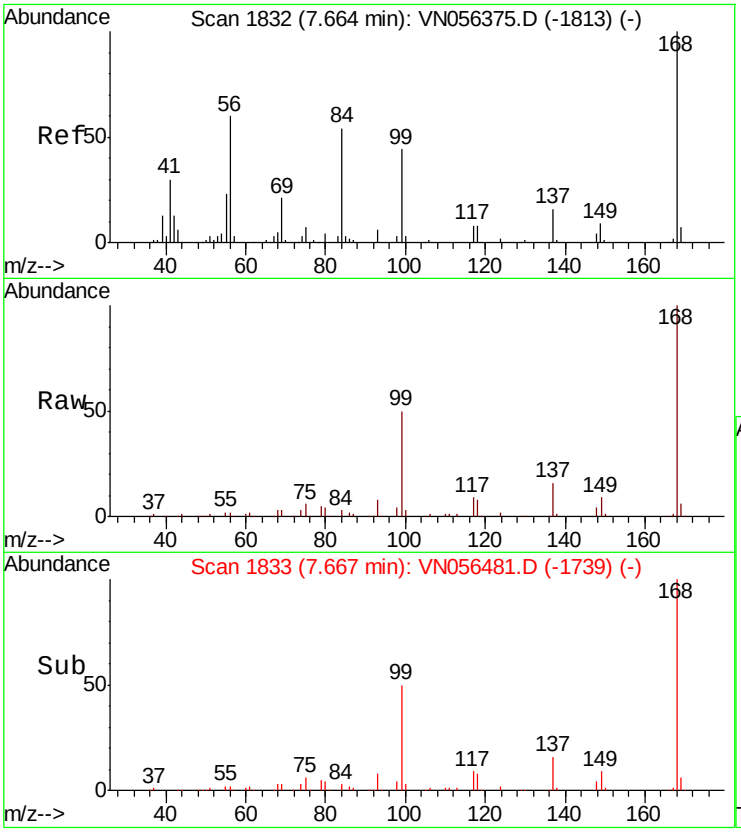
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062519\
Data File : VN056481.D
Acq On : 25 Jun 2019 13:08
Operator : JC/SP
Sample : PB120881ZHE#13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#13

Quant Time: Jun 26 03:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration



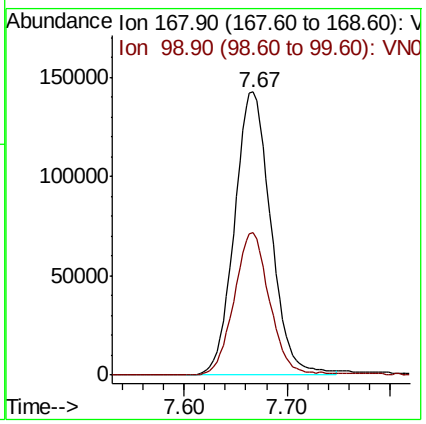


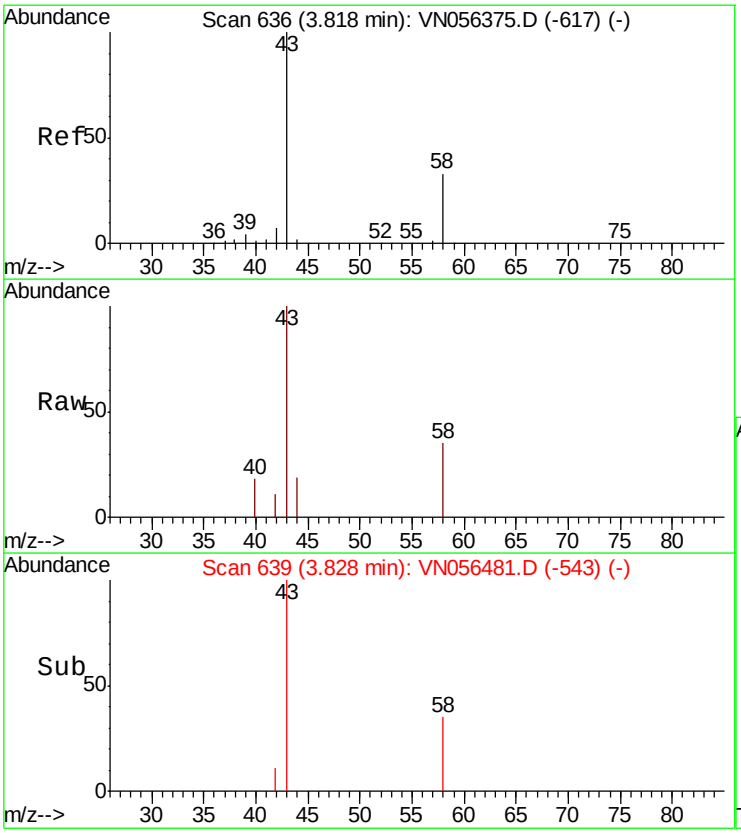
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion:168 Resp: 349746

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.6	61.0

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#13

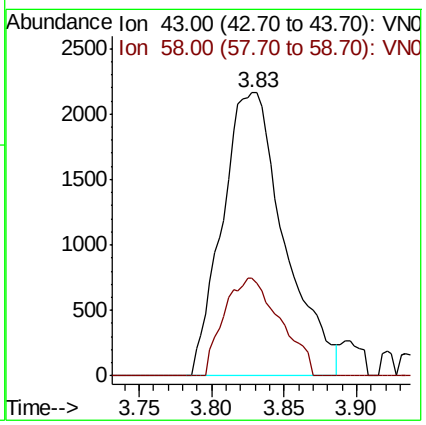


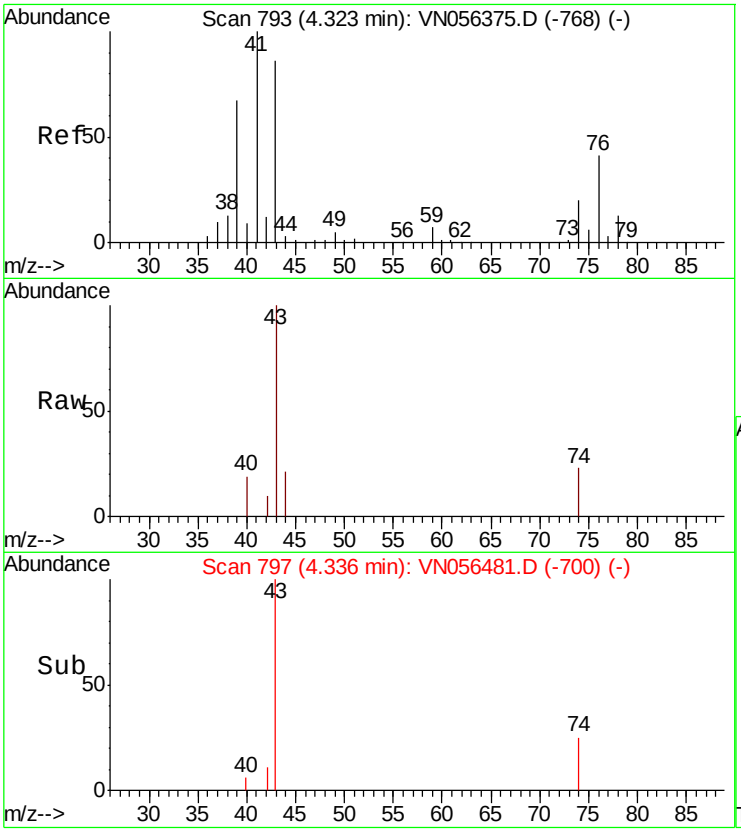


#16
Acetone
Concen: 3.318 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 43 Resp: 6443

Ion	Ratio	Lower	Upper
43	100		
58	34.6	26.4	39.6



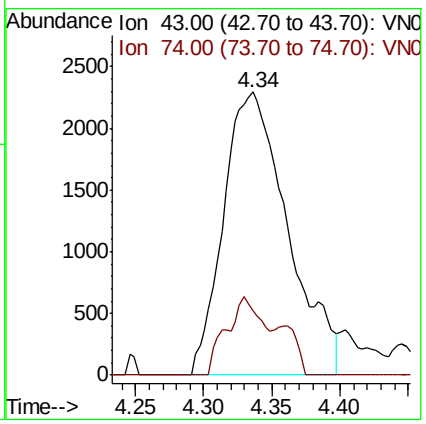


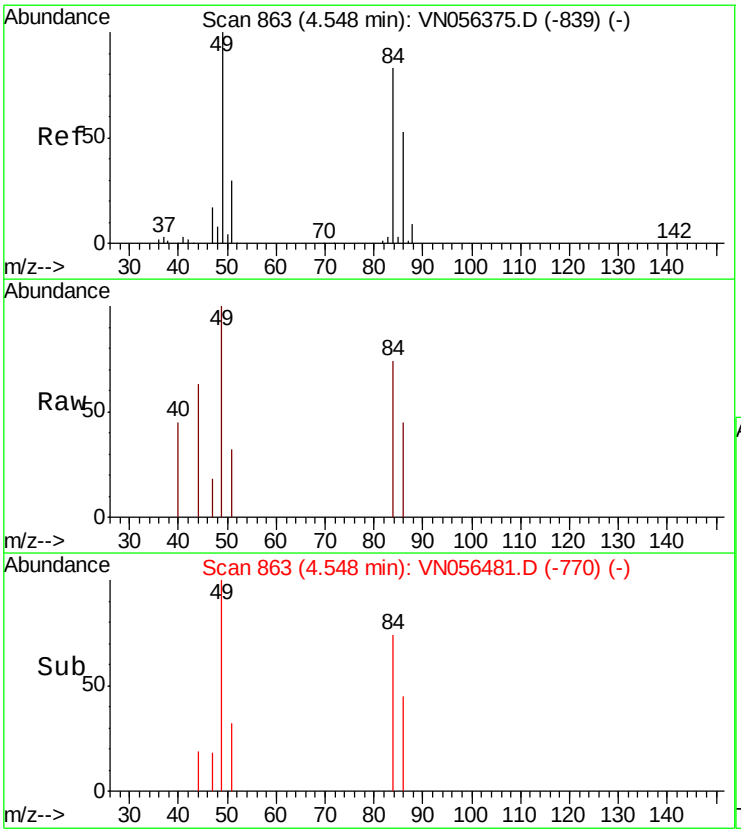
#18
Methyl Acetate
Concen: 1.129 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 43 Resp: 7520

Ion	Ratio	Lower	Upper
43	100		
74	15.4	19.2	28.8#

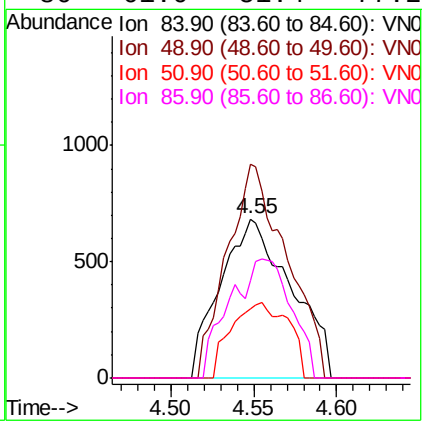


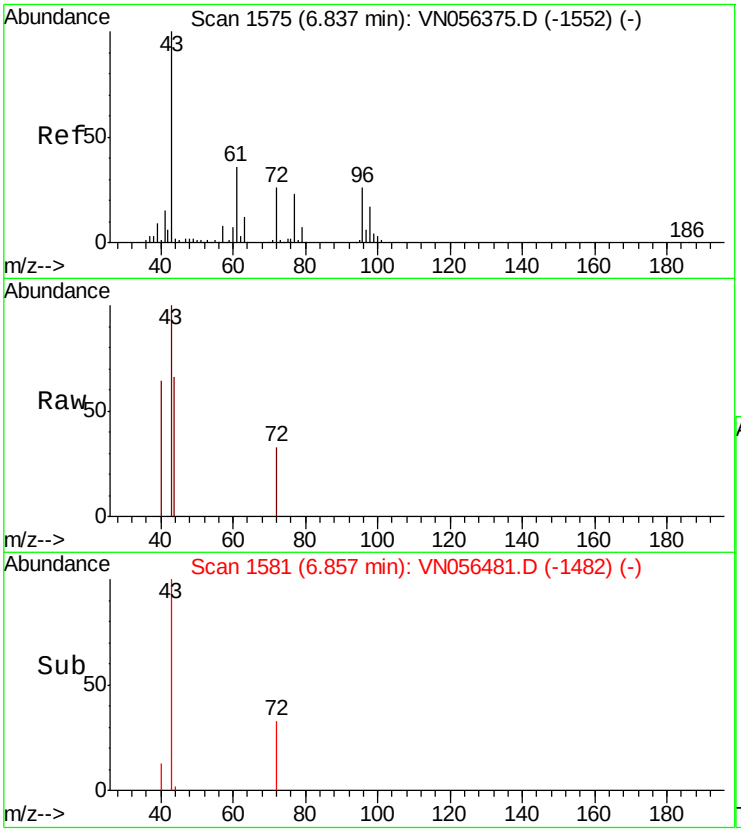


#20
Methylene Chloride
Concen: Below Cal
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 84 Resp: 2027

Ion	Ratio	Lower	Upper
84	100		
49	134.4	96.4	144.6
51	43.6	28.6	43.0#
86	61.0	51.4	77.2



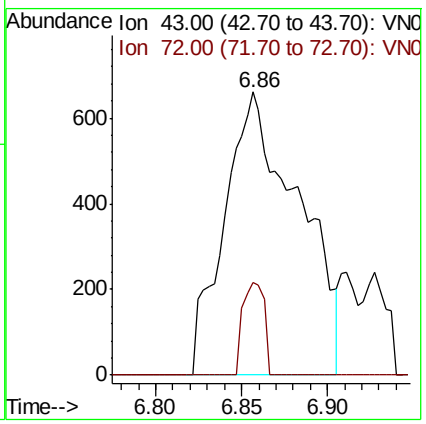


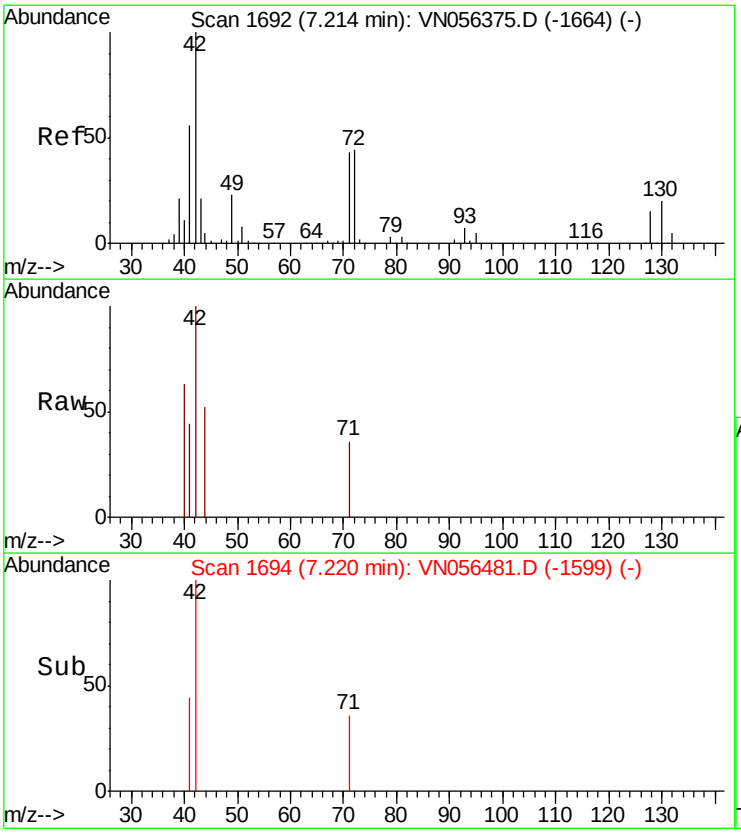
#25
2-Butanone
Concen: 0.773 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 43 Resp: 1986

Ion	Ratio	Lower	Upper
43	100		
72	32.8	20.6	31.0#

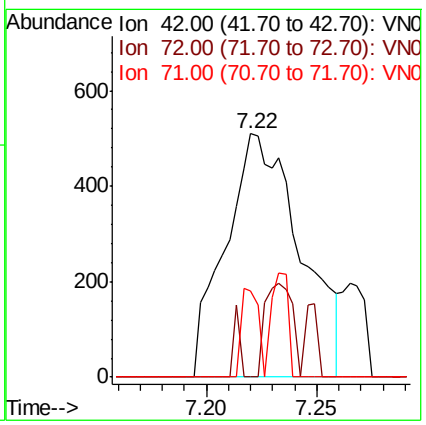


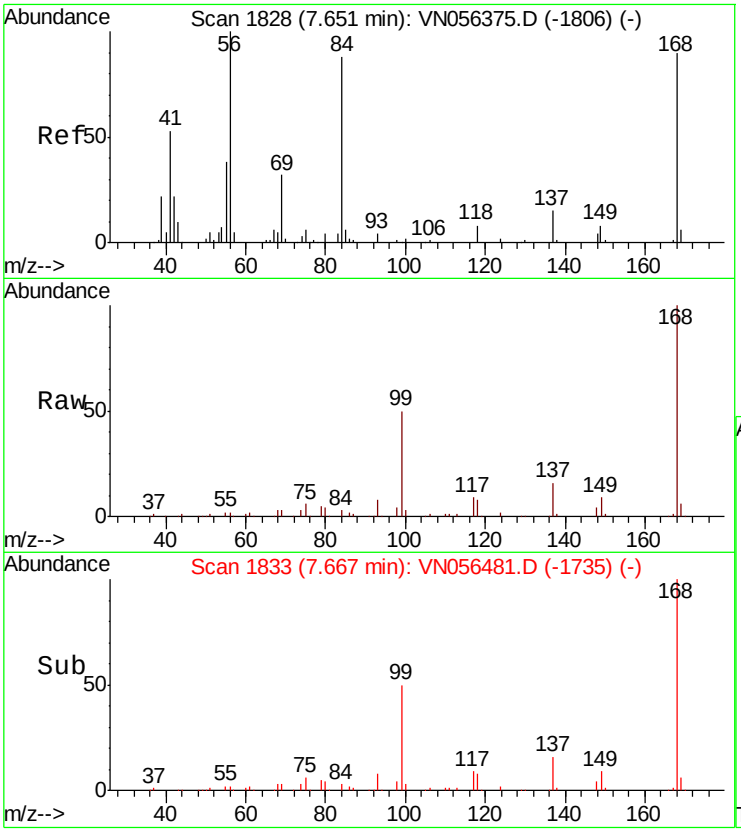


#29
Tetrahydrofuran
Concen: 0.767 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 42 Resp: 1204

Ion	Ratio	Lower	Upper
42	100		
72	2.4	34.7	52.1#
71	8.3	33.0	49.6#



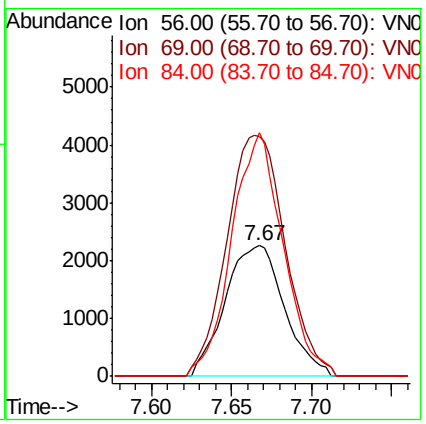


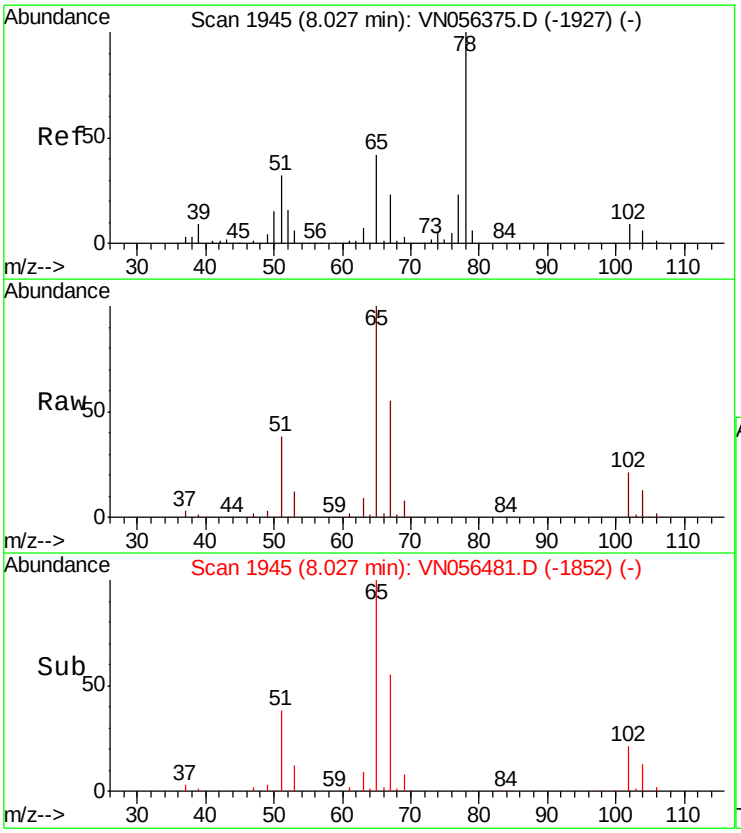
#31
Cyclohexane
Concen: 0.960 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 56 Resp: 5746

Ion	Ratio	Lower	Upper
56	100		
69	183.4	25.8	38.6#
84	186.3	69.4	104.0#

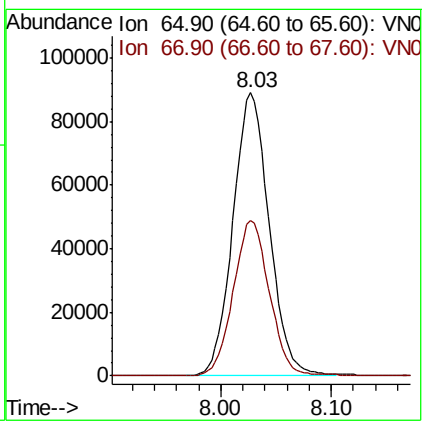


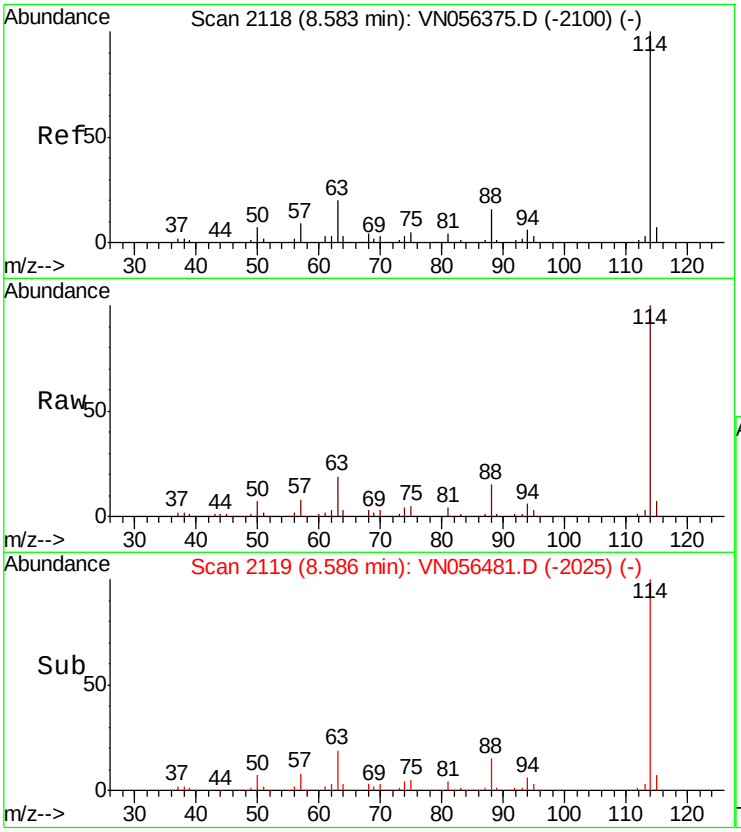


#33
1,2-Dichloroethane-d4
Concen: 52.397 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 65 Resp: 203104

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.0



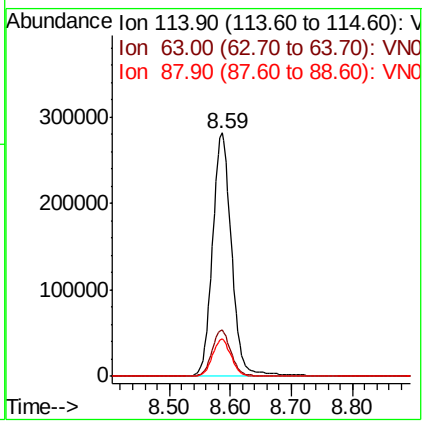


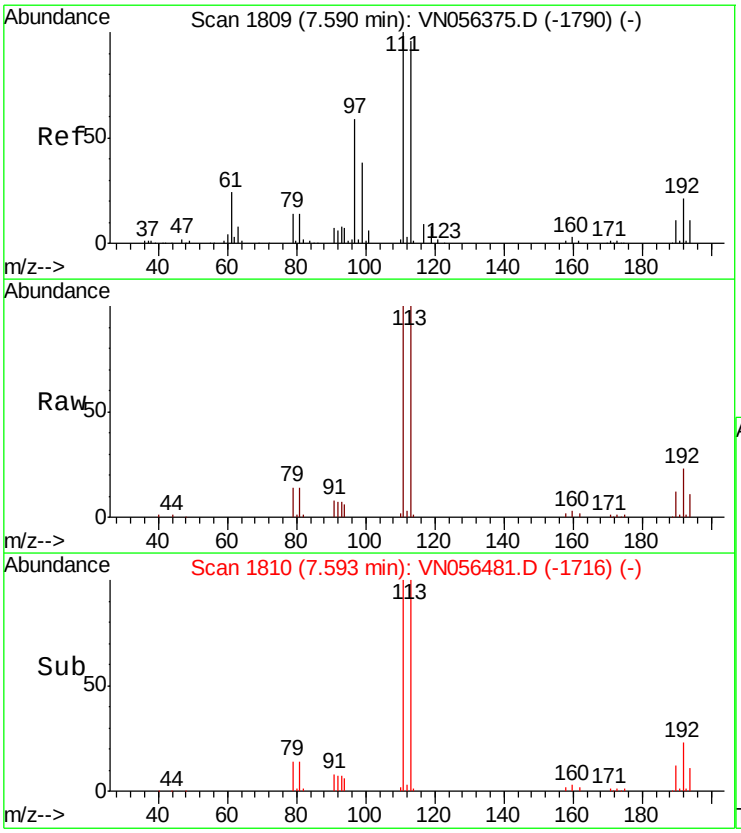
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#13

Tgt Ion:114 Resp: 611165

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.2
88	15.3	0.0	31.4

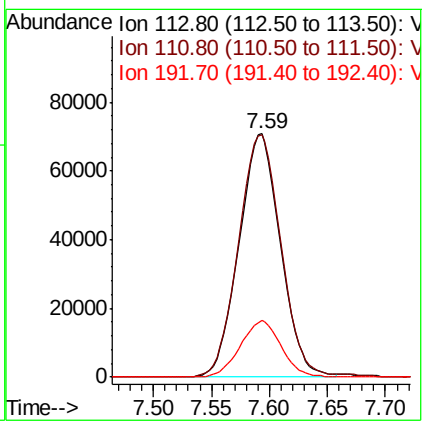


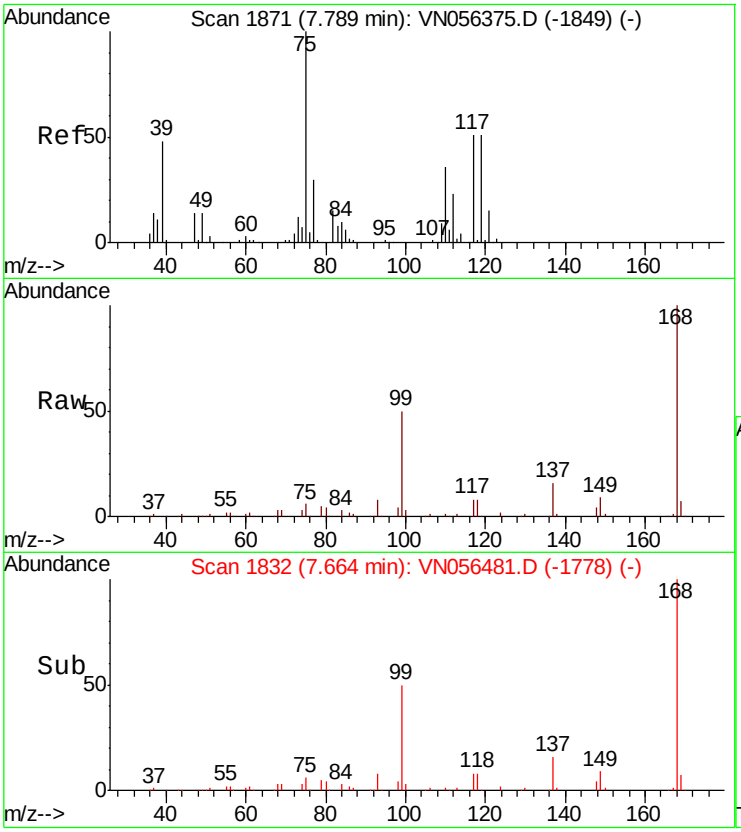


#35
Dibromofluoromethane
Concen: 46.112 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion:113 Resp: 175811

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	22.9	17.7	26.5



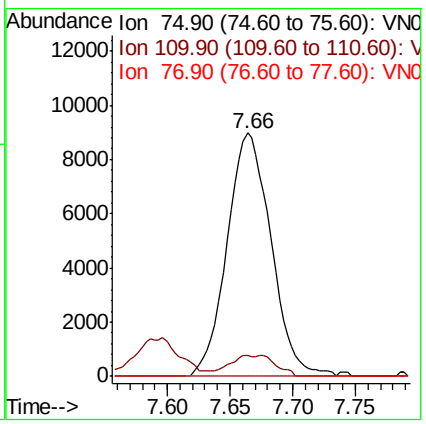


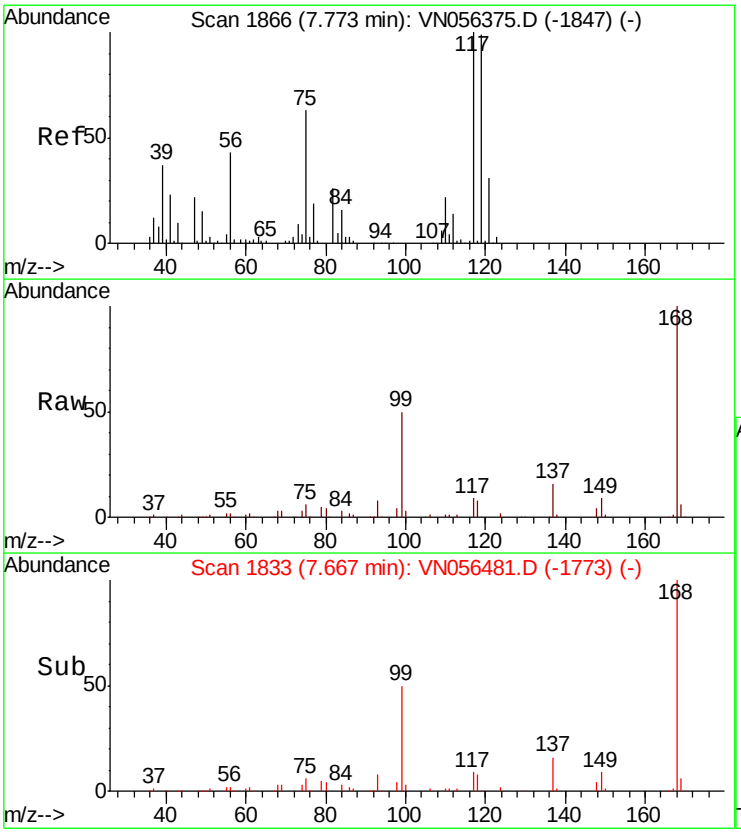
#36
1,1-Dichloropropene
Concen: 4.070 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#13

Tgt Ion: 75 Resp: 21896

Ion	Ratio	Lower	Upper
75	100		
110	2.7	18.1	54.3#
77	0.0	24.6	36.8#

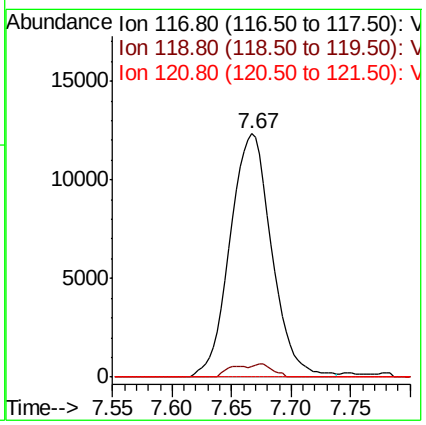


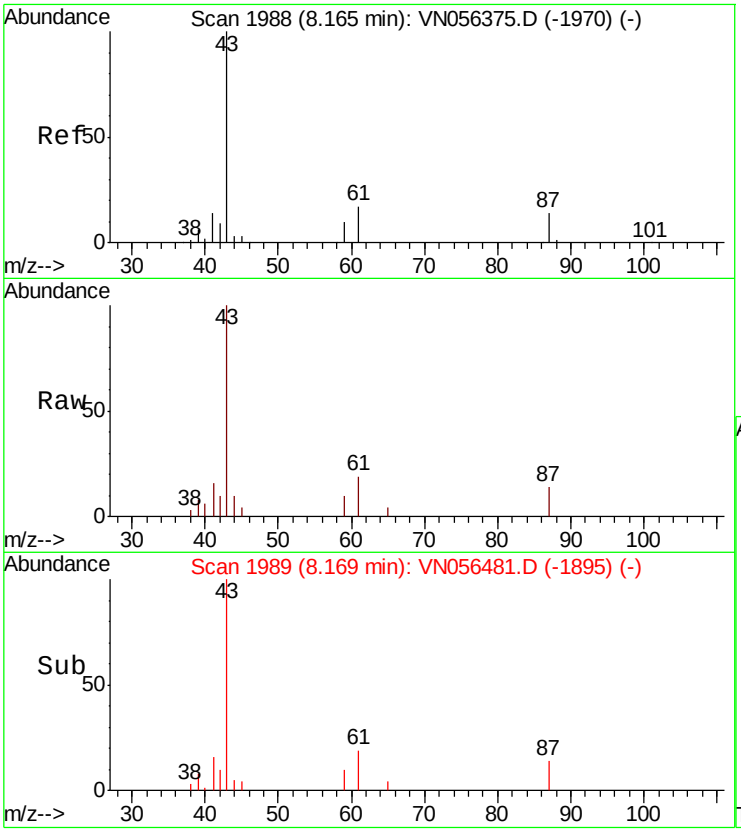


#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion:117 Resp: 29944

Ion	Ratio	Lower	Upper
117	100		
119	4.3	79.1	118.7#
121	0.0	24.8	37.2#



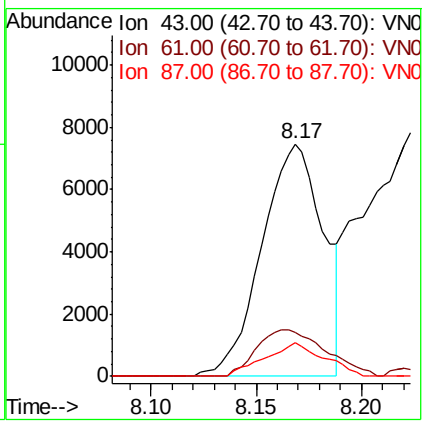


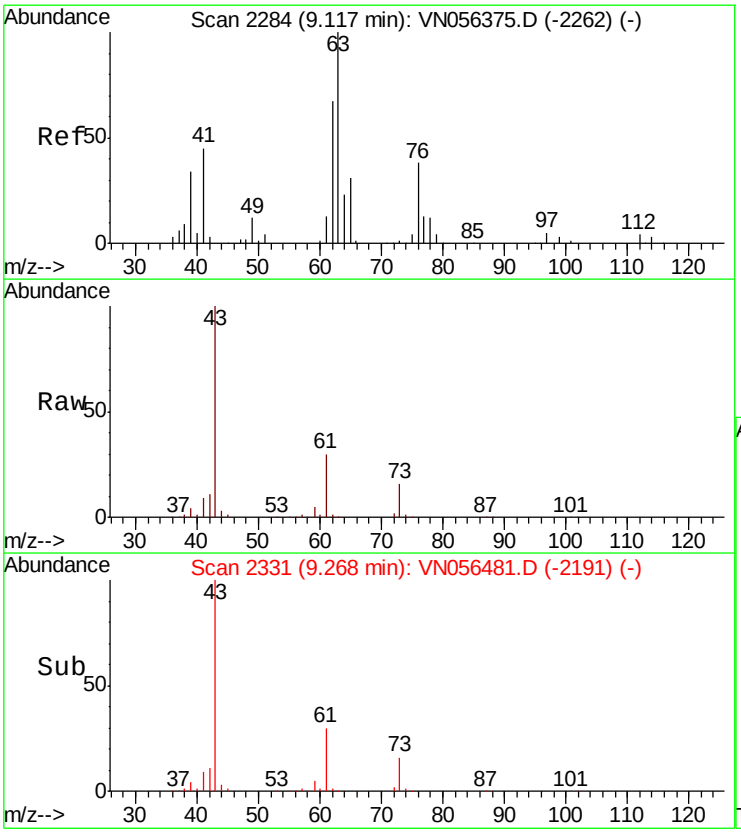
#43
Isopropyl Acetate
Concen: 1.851 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 43 Resp: 15092

Ion	Ratio	Lower	Upper
43	100		
61	22.4	22.0	33.0
87	13.7	11.0	16.4

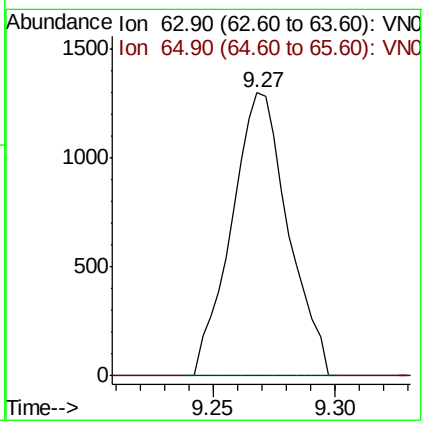


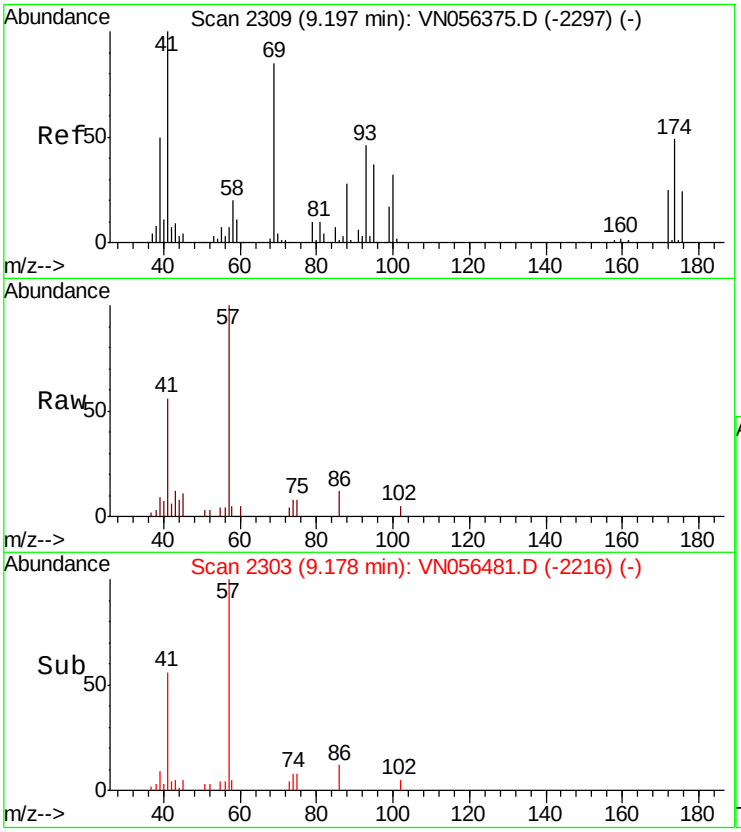


#45
1,2-Dichloropropane
Concen: 0.473 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 63 Resp: 2092

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#



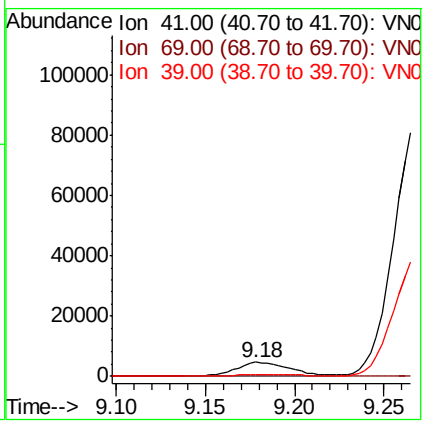


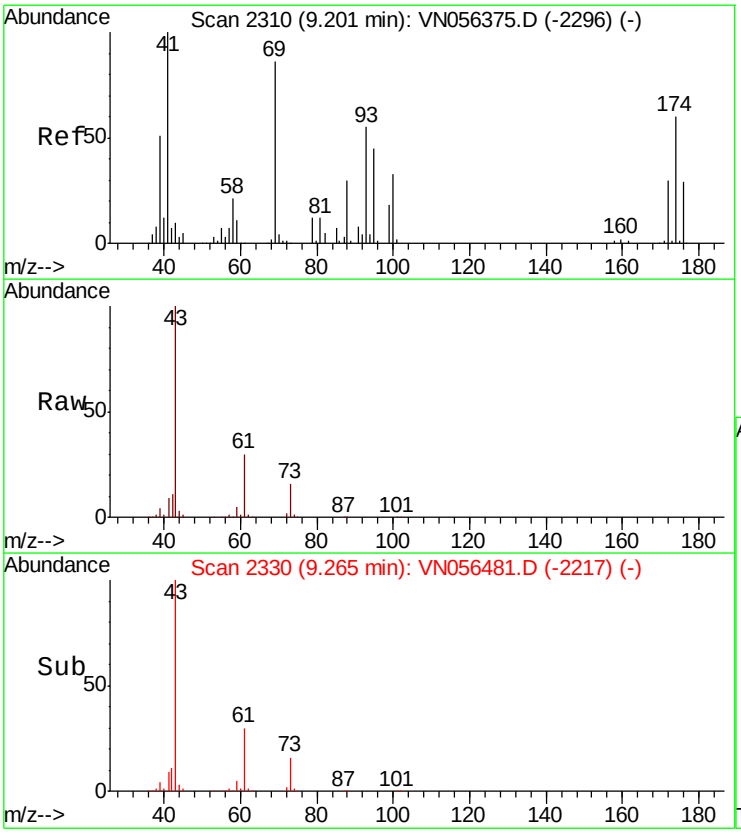
#48
Methyl methacrylate
Concen: 2.439 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 41 Resp: 9964

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.6	109.0#
39	0.0	42.6	63.8#

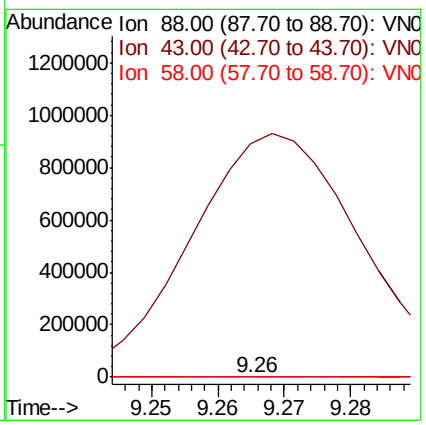


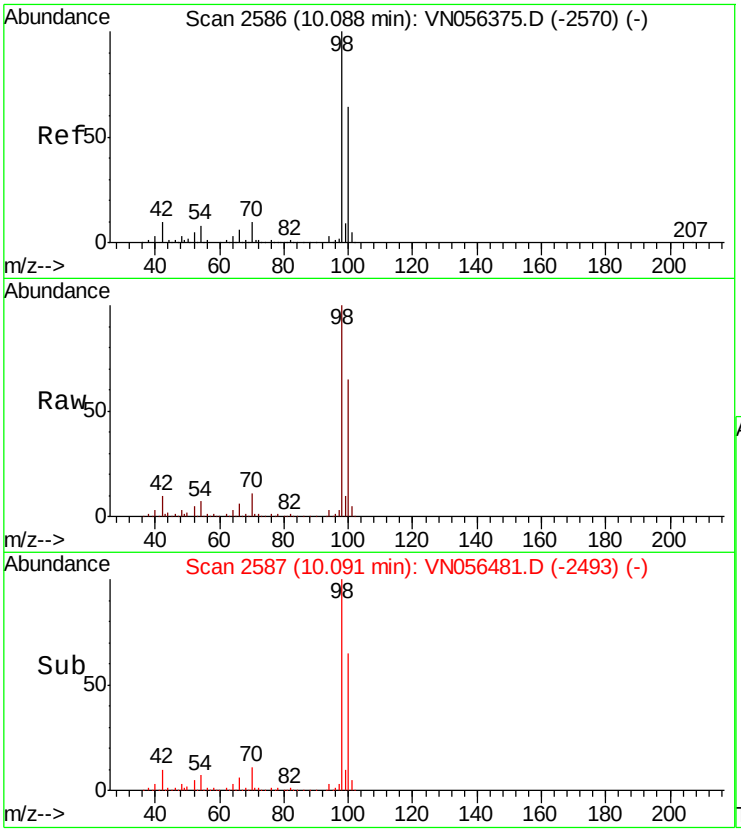


#49
1,4-Dioxane
Concen: 1.628 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 88 Resp: 138

Ion	Ratio	Lower	Upper
88	100		
43	1251773.9	22.0	33.0#
58	4978.3	51.8	77.8#



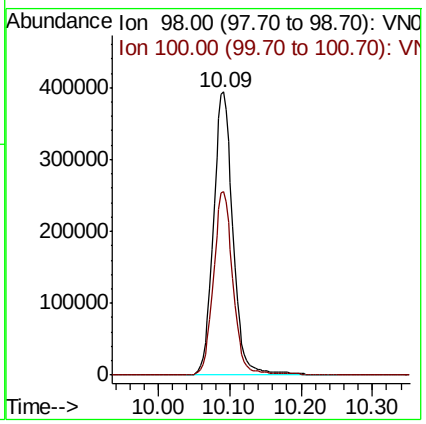


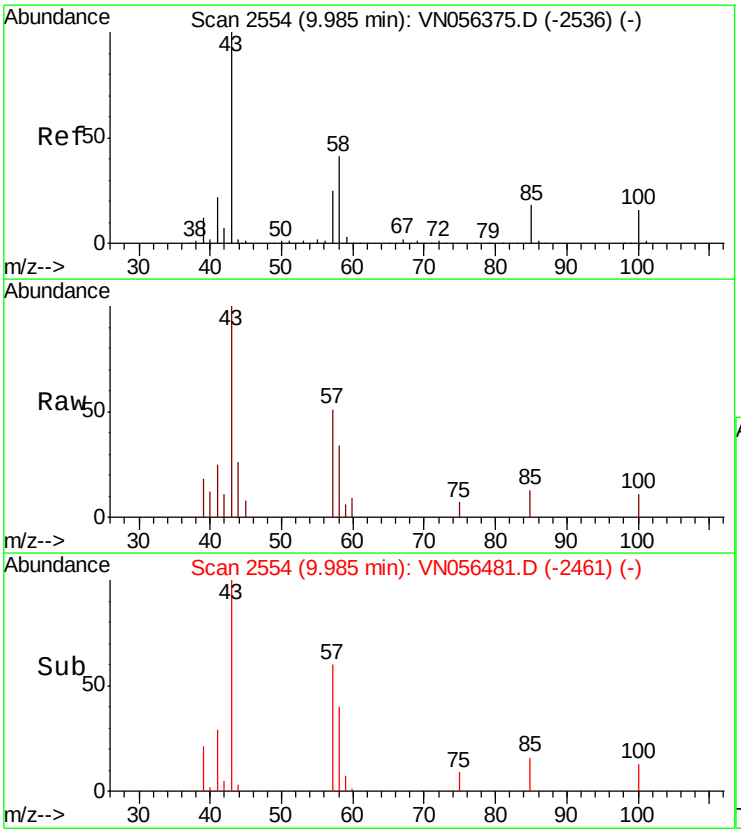
#50
Toluene-d8
Concen: 50.398 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 98 Resp: 747675

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

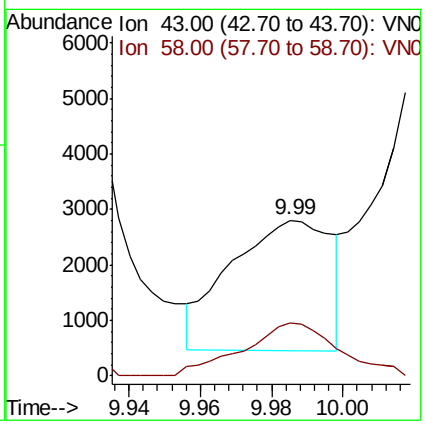


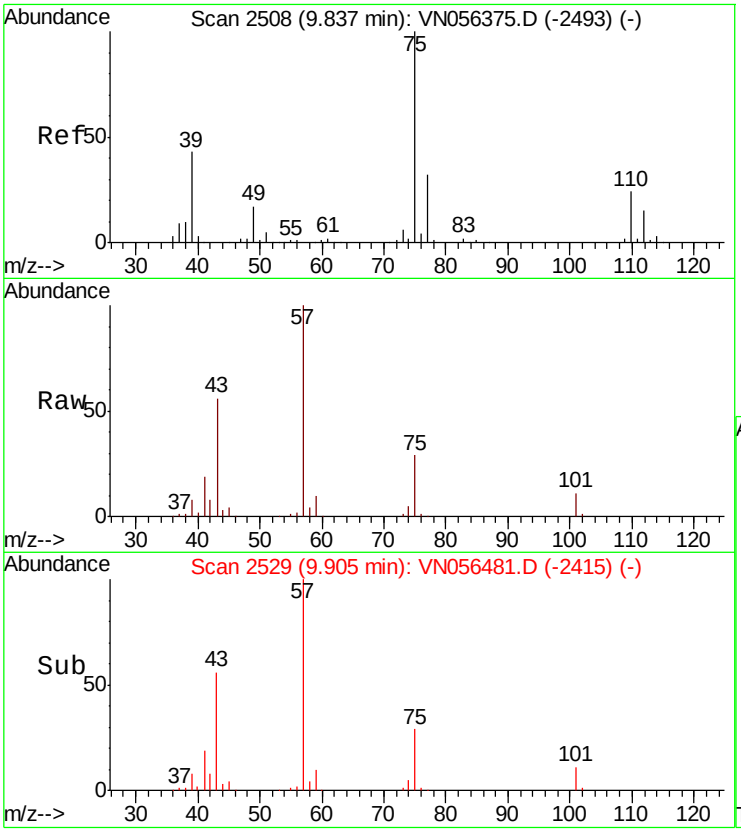


#51
4-Methyl-2-Pentanone
Concen: 0.878 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 43 Resp: 4617

Ion	Ratio	Lower	Upper
43	100		
58	37.8	31.8	47.8



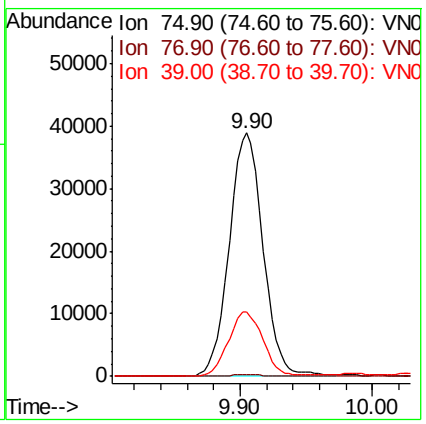


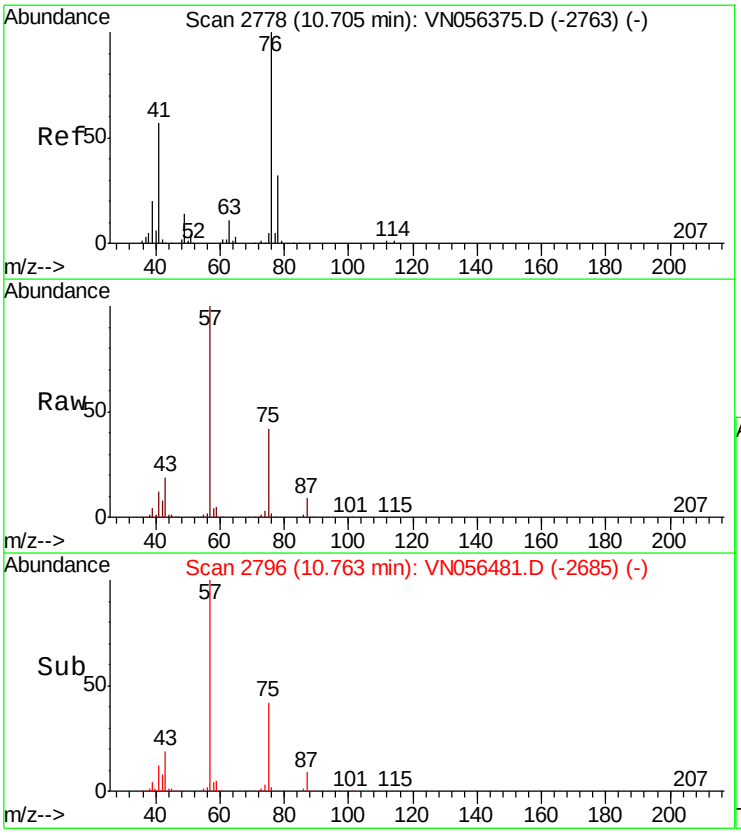
#54
cis-1,3-Dichloropropene
Concen: 11.660 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#13

Tgt Ion: 75 Resp: 68950

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.2	37.8#
39	26.5	34.2	51.4#

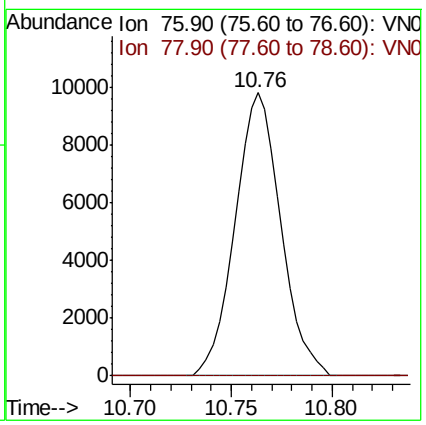


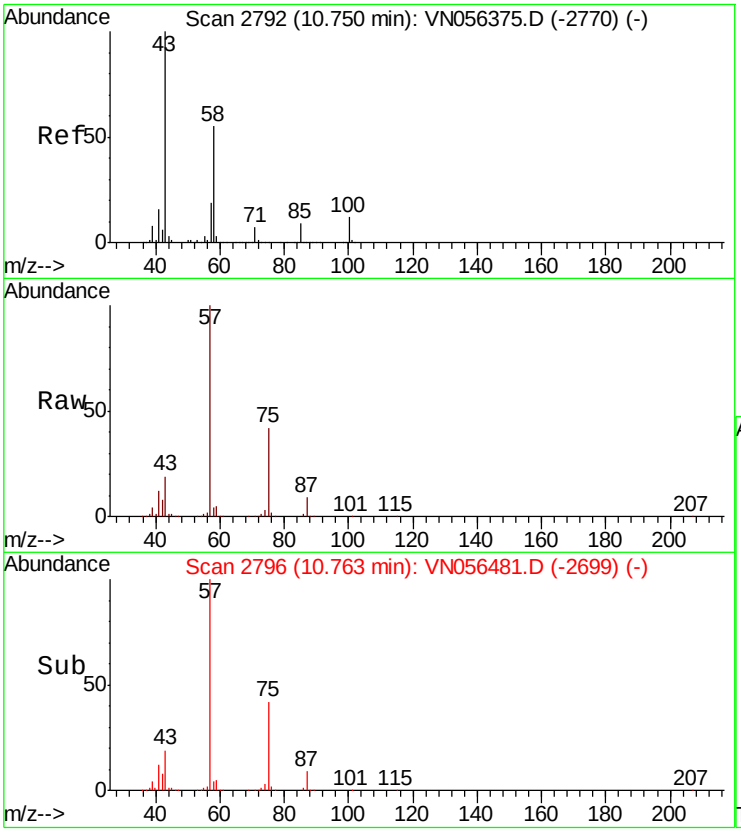


#57
1,3-Dichloropropane
Concen: 2.277 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 76 Resp: 15556

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.9	38.9#



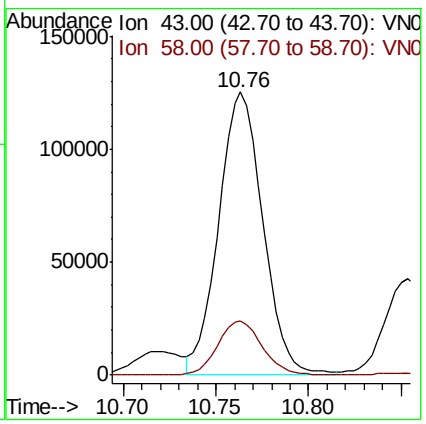


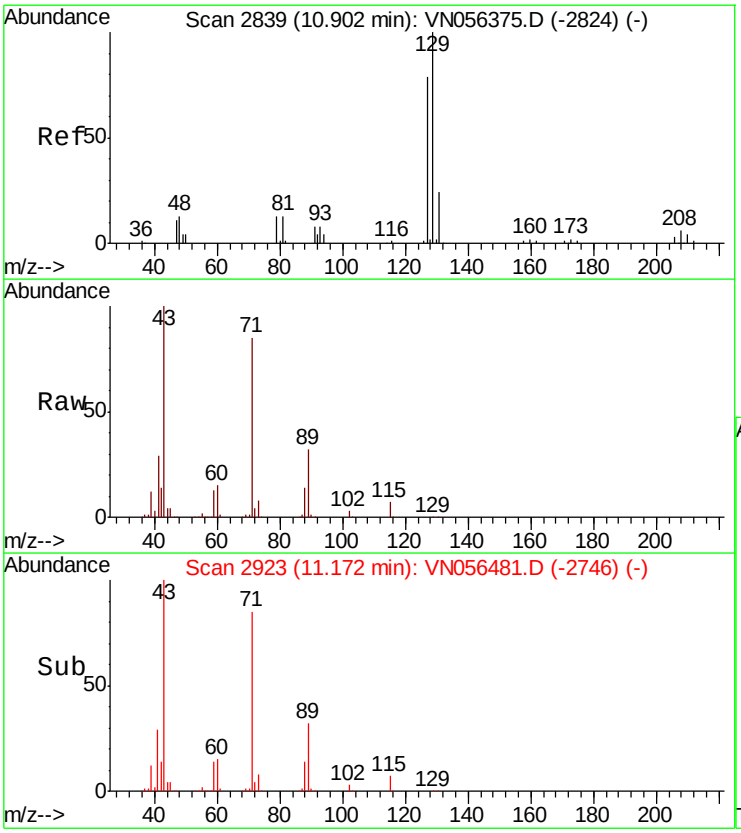
#59
2-Hexanone
Concen: 53.199 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 43 Resp: 205718

Ion	Ratio	Lower	Upper
43	100		
58	19.6	27.8	83.4#

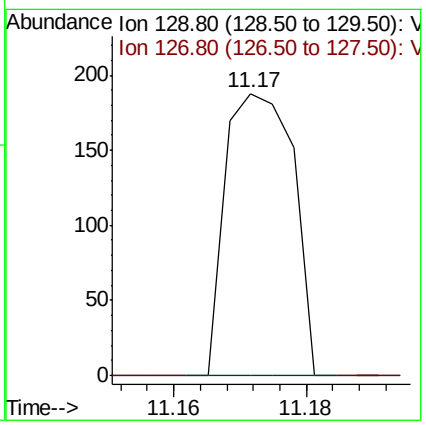


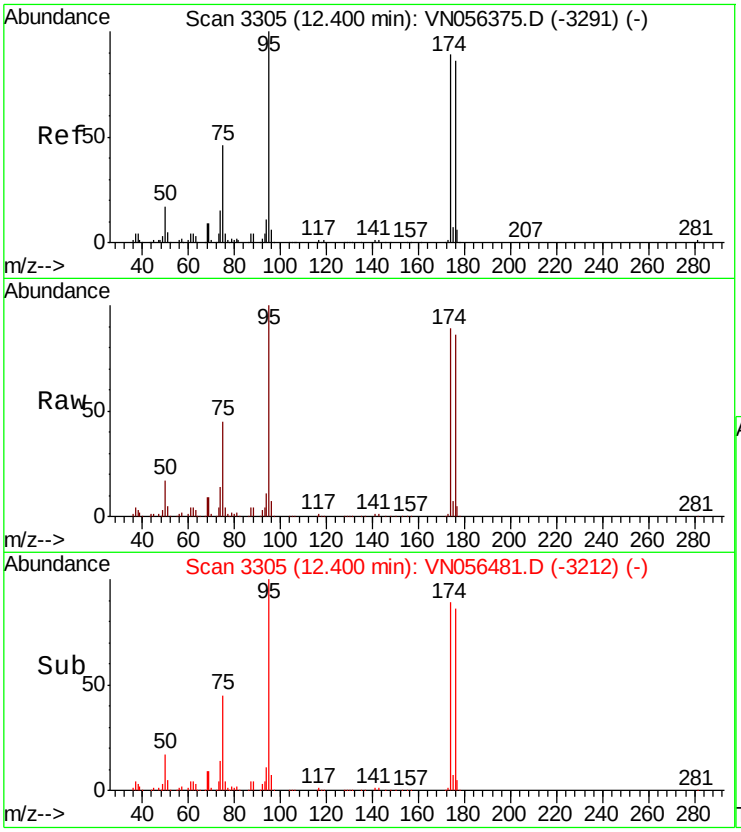


#60
Dibromochloromethane
Concen: 2.412 ug/l
RT: 11.17 min Scan# 2923
Delta R.T. 0.27 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion:129 Resp: 133

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.7#



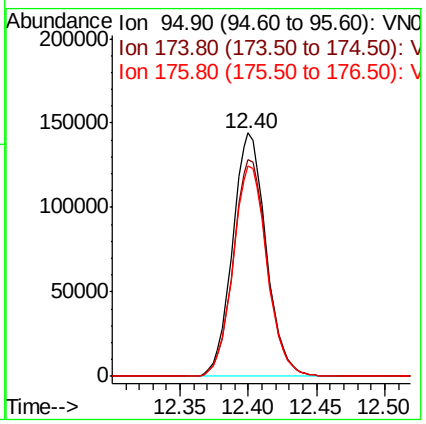


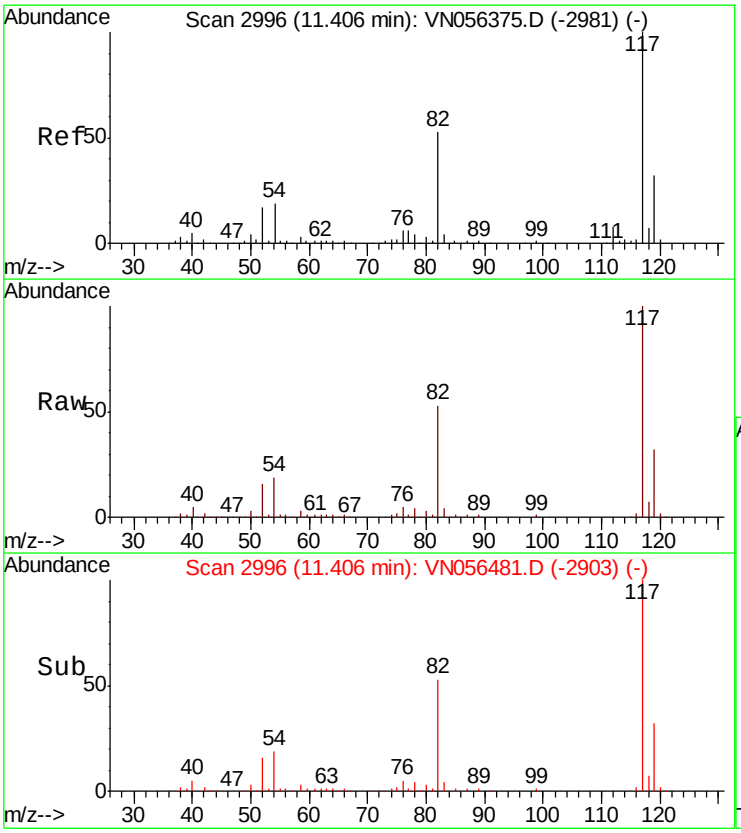
#62
4-Bromofluorobenzene
Concen: 49.638 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#13

Tgt Ion: 95 Resp: 245483

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	179.4
176	87.7	0.0	173.4

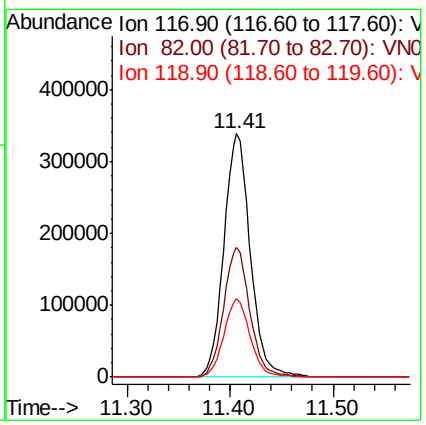


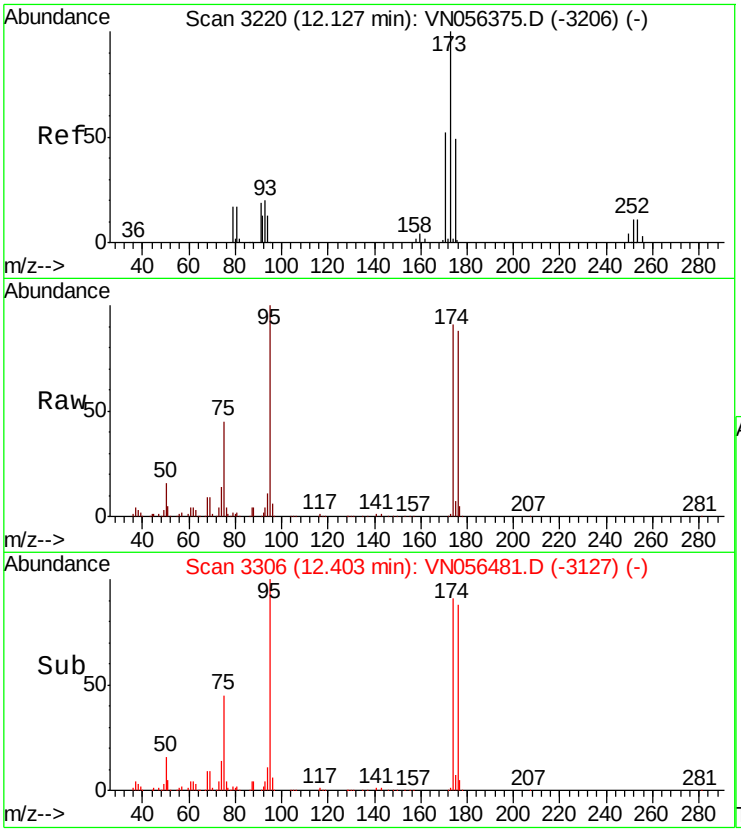


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion:117 Resp: 605547

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	32.1	25.3	37.9



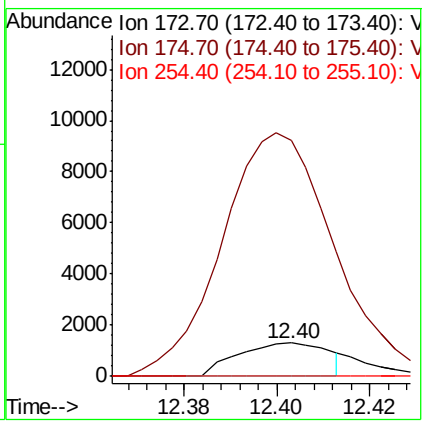


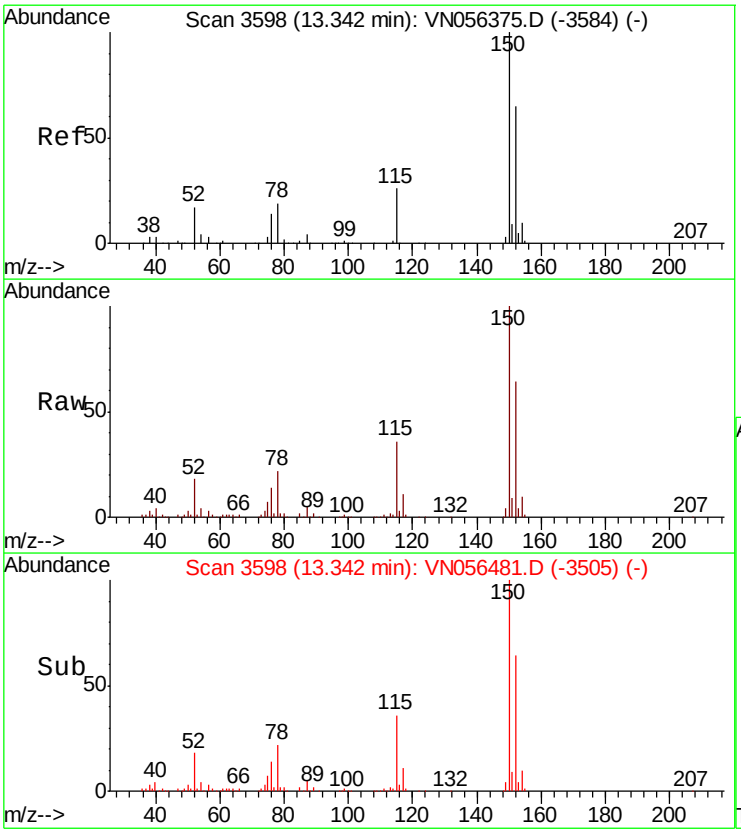
#71
Bromoform
Concen: 3.647 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion:173 Resp: 1786

Ion	Ratio	Lower	Upper
173	100		
175	795.2	24.4	73.4#
254	0.0	0.0	0.0

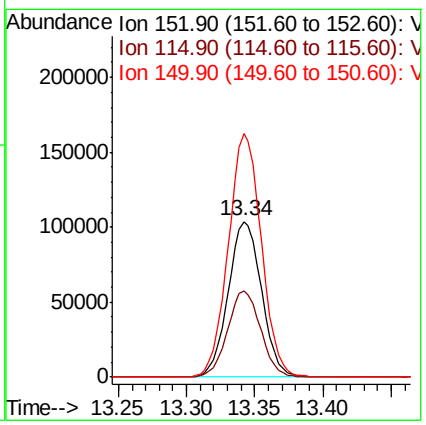


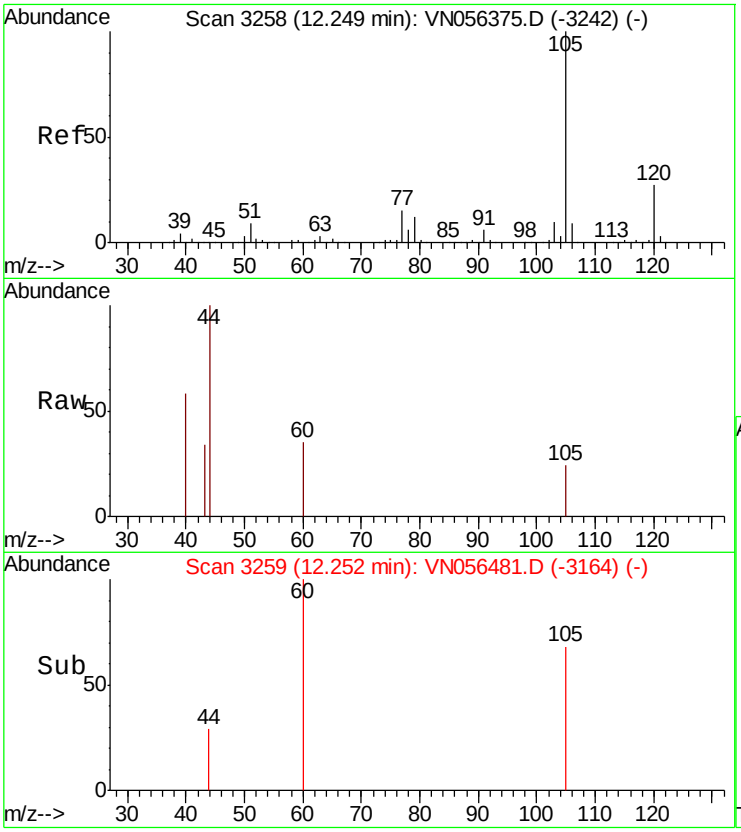


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion:152 Resp: 175818

Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.1	84.4
150	155.5	0.0	348.4



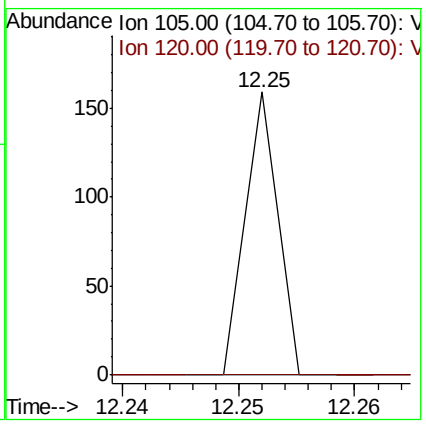


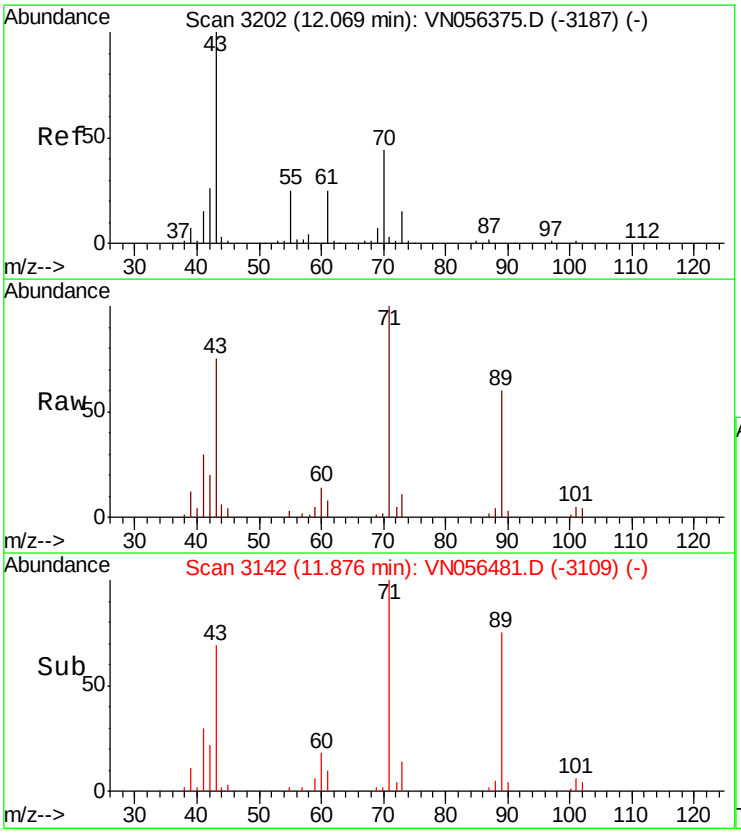
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion:105 Resp: 31

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.4	40.2#

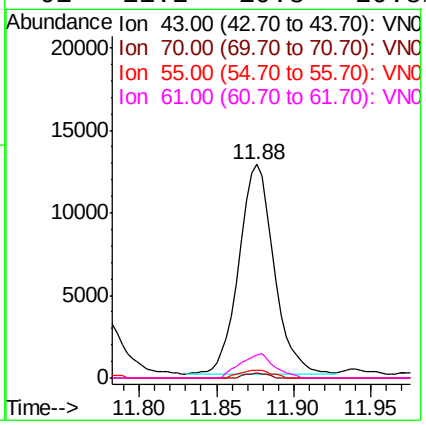


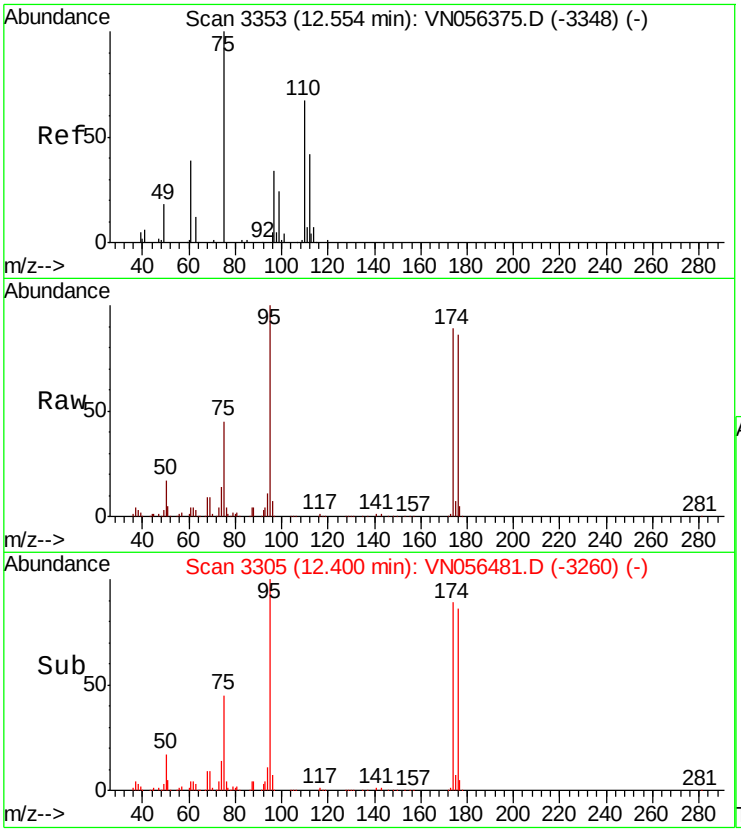


#74
N-amyl acetate
Concen: 3.578 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 43 Resp: 20022

Ion	Ratio	Lower	Upper
43	100		
70	1.5	34.9	52.3#
55	3.4	20.4	30.6#
61	11.2	19.8	29.8#



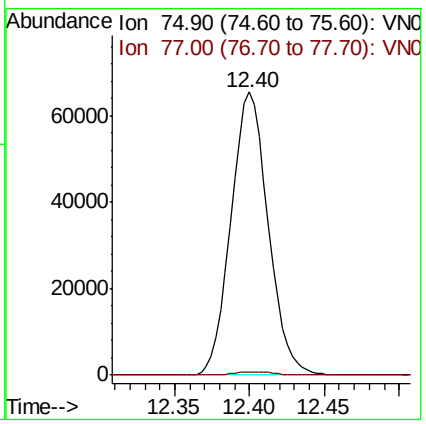


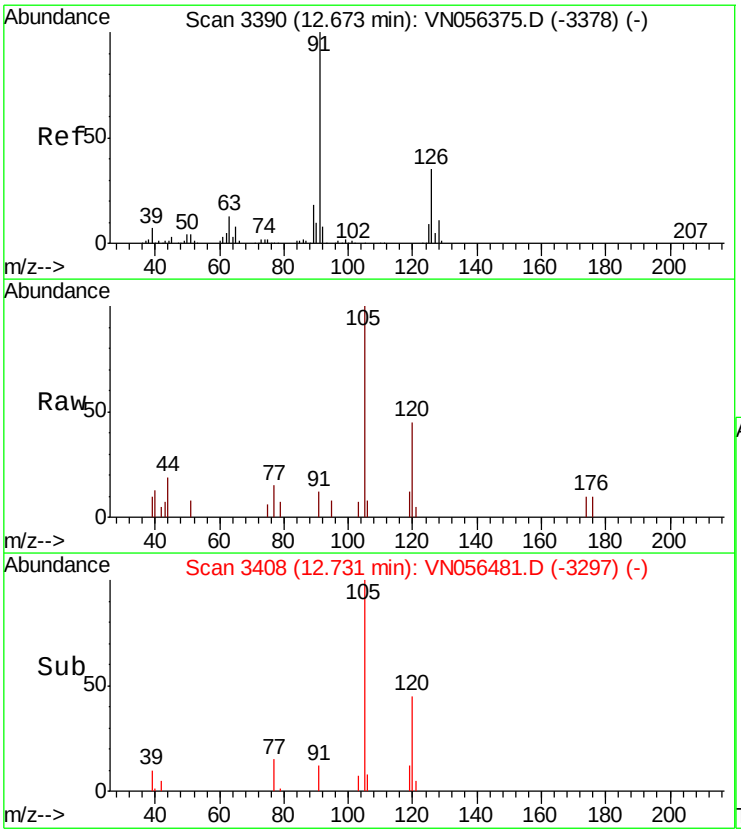
#76
1,2,3-Trichloropropane
Concen: 31.111 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

Tgt Ion: 75 Resp: 113419

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

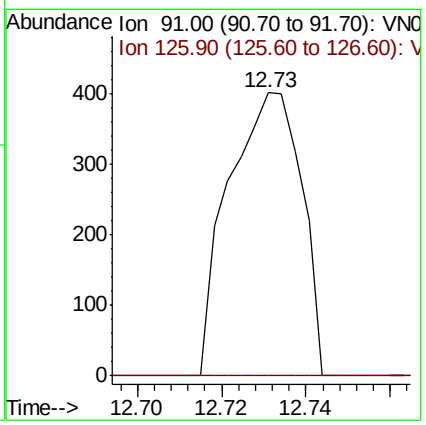


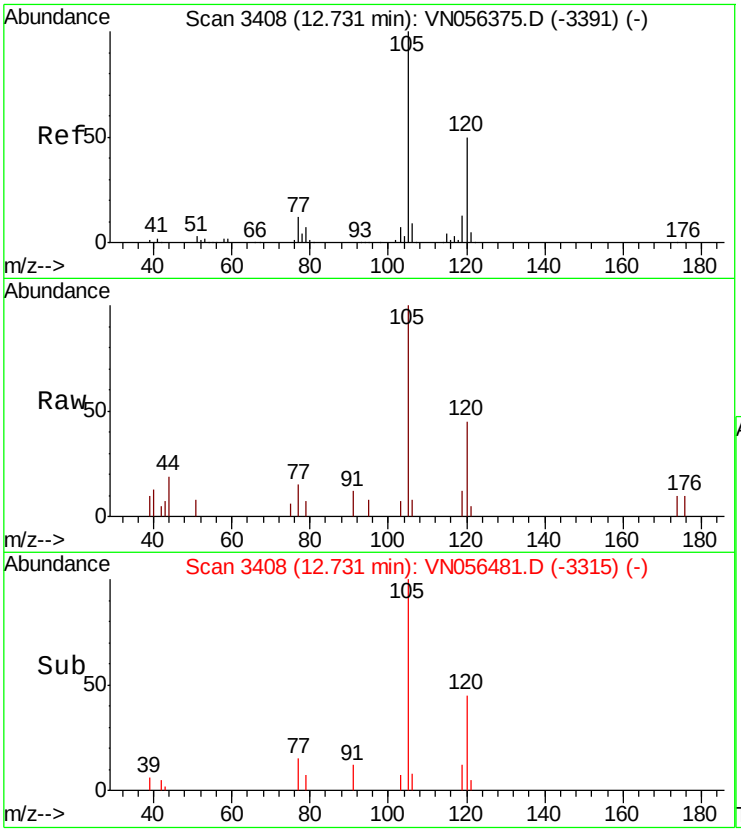


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. 0.06 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 91 Resp: 482

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.6	52.8#



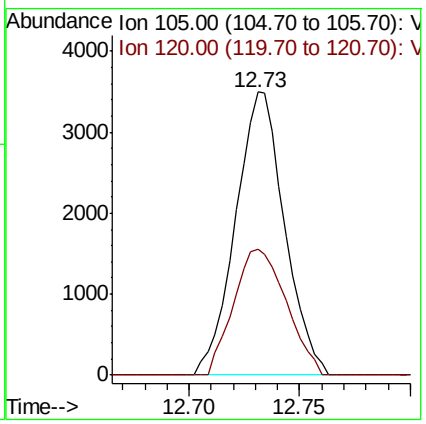


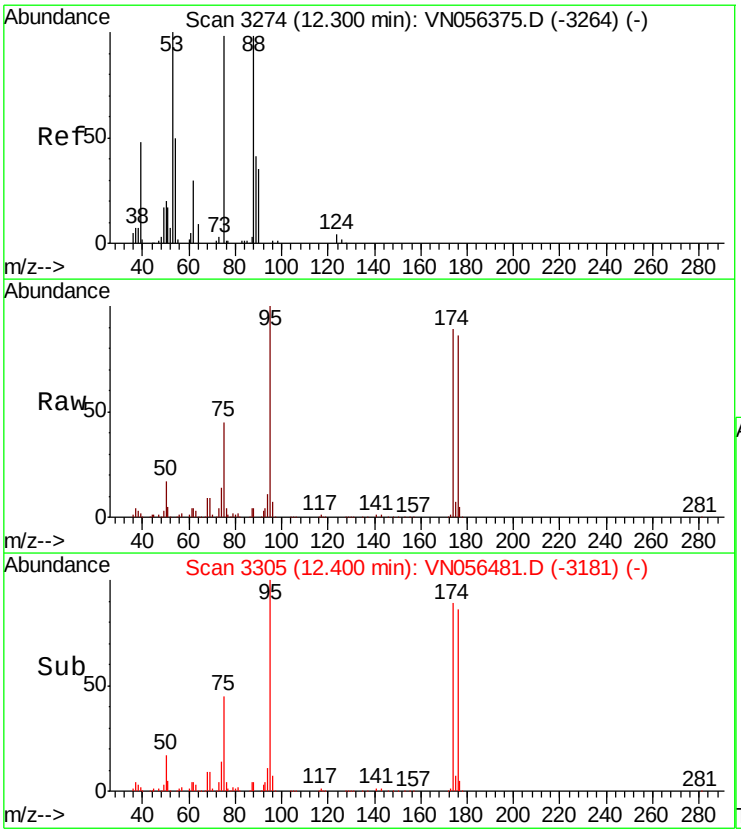
#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
PB120881ZHE#13

Tgt Ion:105 Resp: 5397

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.8	74.4

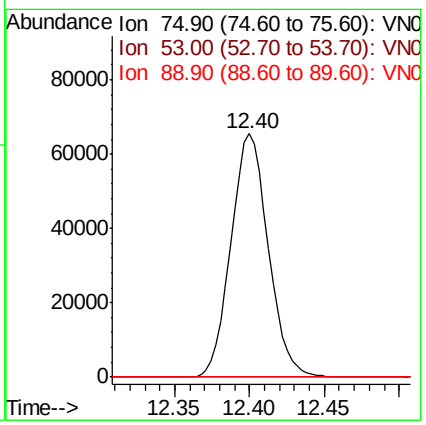


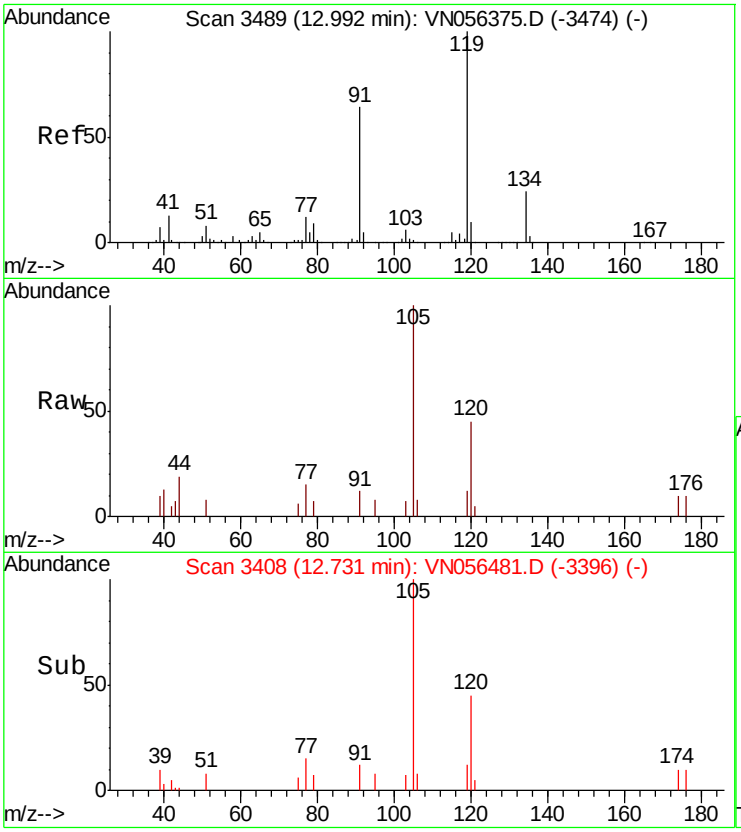


#81
trans-1,4-Dichloro-2-butene
Concen: 110.573 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion: 75 Resp: 113419

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.9	125.9#
89	0.0	35.0	52.6#



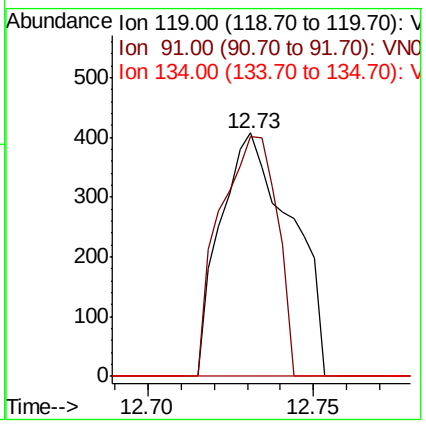


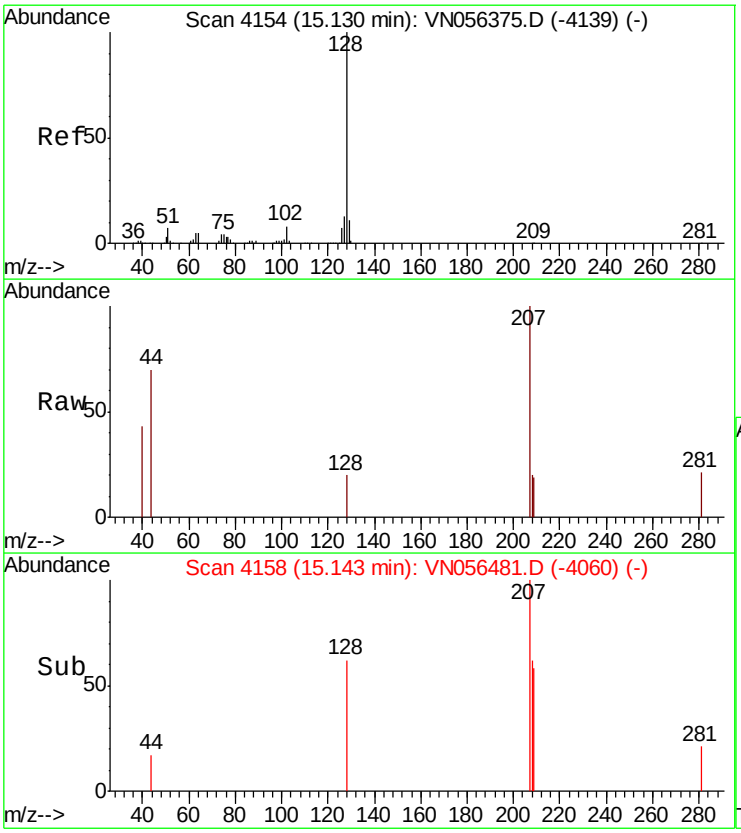
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. -0.26 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Instrument : MSVOA_N
ClientSampleId : PB120881ZHE#13

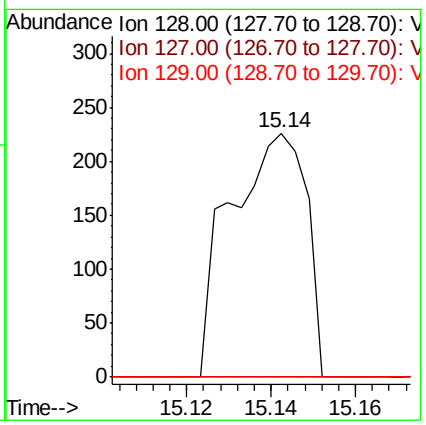
Tgt Ion:119 Resp: 606

Ion	Ratio	Lower	Upper
119	100		
91	79.5	31.6	94.7
134	0.0	13.2	39.5#





#95
Naphthalene
Concen: 5.276 ug/l
RT: 15.14 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN056481.D
Acq: 25 Jun 2019 13:08

Tgt Ion:128 Resp: 283

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#