Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120619\
Data File : VN059522.D
Acq On : 6 Dec 2019 17:49
Operator : JC/SP
Sample : K6113-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Dec 06 22:22:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	224219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	370371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	341497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	129310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	164295	58.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.96%			
35) Dibromofluoromethane	7.57	113	118898	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.08%			
50) Toluene-d8	10.08	98	469278	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
62) 4-Bromofluorobenzene	12.40	95	150630	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.84%			
Target Compounds						Qvalue
14) Allyl chloride	4.52	41	14092	3.076	ug/l #	28
16) Acetone	3.80	43	14105	3.945	ug/l #	86
18) Methyl Acetate	4.30	43	7800	2.080	ug/l	93
20) Methylene Chloride	4.52	84	373648	144.690	ug/l	95
25) 2-Butanone	6.82	43	2581	1.219	ug/l #	50
29) Tetrahydrofuran	7.19	42	359	0.270	ug/l #	34
31) Cyclohexane	7.64	56	5659	1.206	ug/l #	11
36) 1,1-Dichloropropene	7.64	75	18617	4.830	ug/l #	49
37) Ethyl Acetate	6.82	43	2581	0.600	ug/l #	68
38) Carbon Tetrachloride	7.64	117	22640	6.107	ug/l #	16
43) Isopropyl Acetate	8.15	43	66408	10.371	ug/l #	88
45) 1,2-Dichloropropane	9.26	63	1531	0.508	ug/l #	44
48) Methyl methacrylate	9.17	41	3958	1.370	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	6152	1.619	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	26221	5.585	ug/l #	74
56) Ethyl methacrylate	10.54	69	1168	1.712	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	4830	1.038	ug/l #	42
59) 2-Hexanone	10.76	43	76235	26.652	ug/l #	49
74) N-amyl acetate	12.03	43	2465	0.590	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	81452	25.333	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3214	0.371	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	81452	66.484	ug/l #	15
95) Naphthalene	15.13	128	4910	3.061	ug/l	98

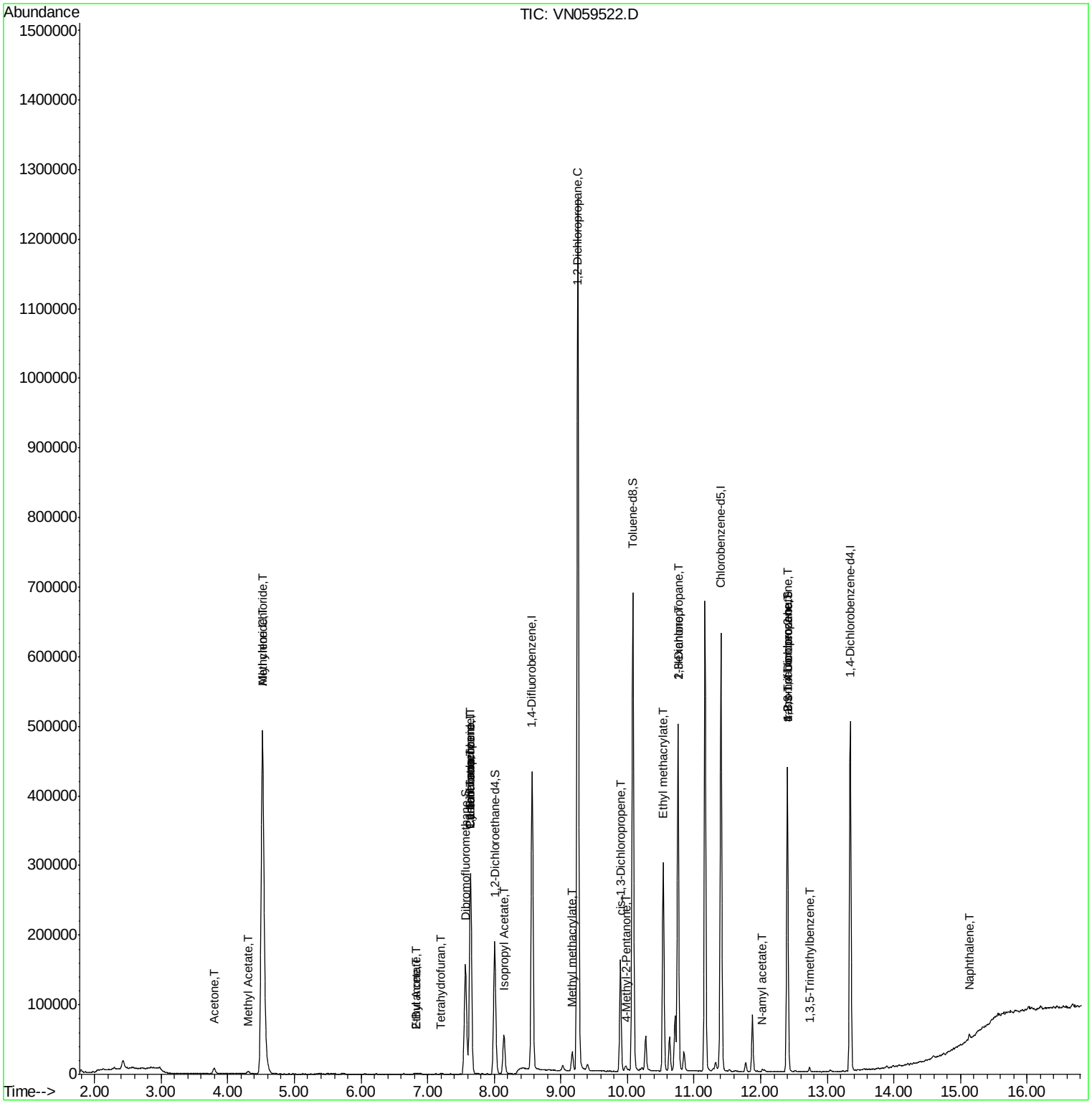
(#) = qualifier out of range (m) = manual integration (+) = signals summed

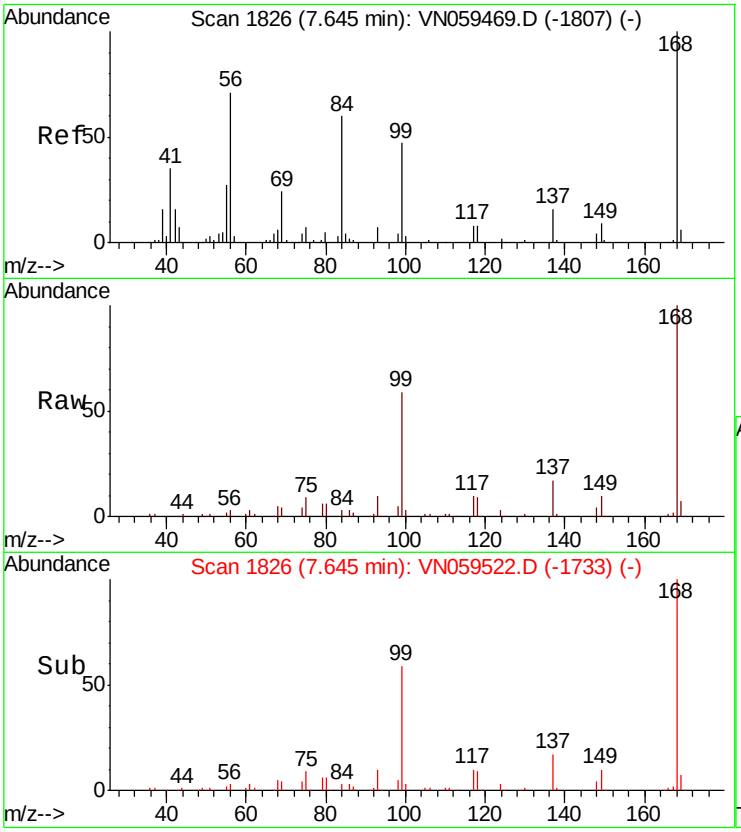
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120619\
Data File : VN059522.D
Acq On : 6 Dec 2019 17:49
Operator : JC/SP
Sample : K6113-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 06 22:22:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration



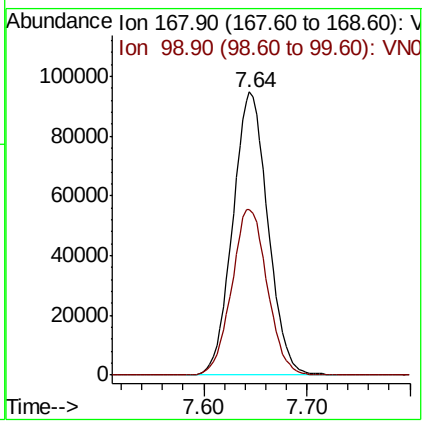


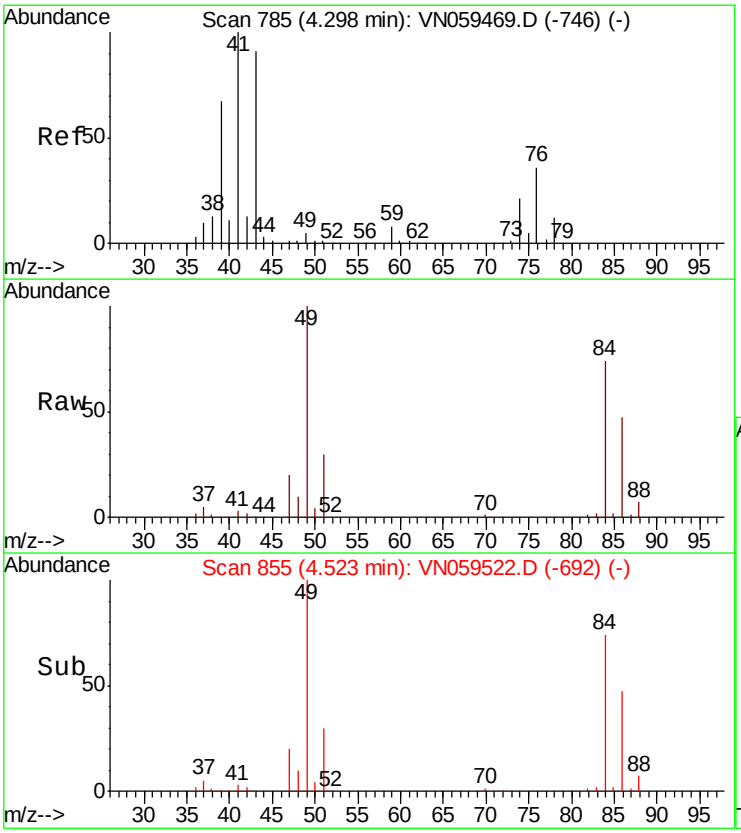
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 224219

Ion	Ratio	Lower	Upper
168	100		
99	58.5	43.4	65.2

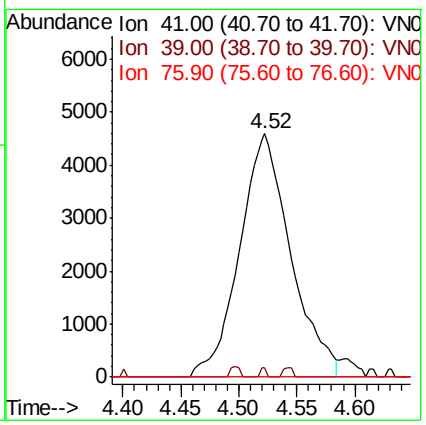


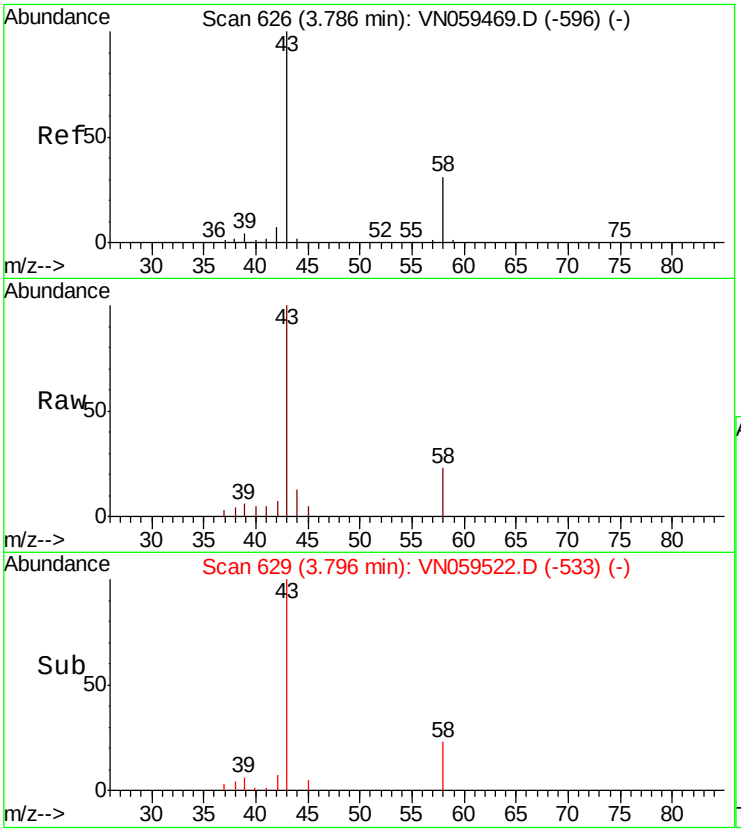


#14
Allyl chloride
Concen: 3.076 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.23 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 41 Resp: 14092

Ion	Ratio	Lower	Upper
41	100		
39	0.5	49.3	73.9#
76	0.0	25.6	38.4#



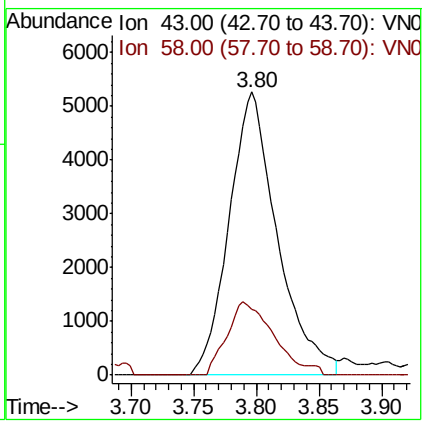


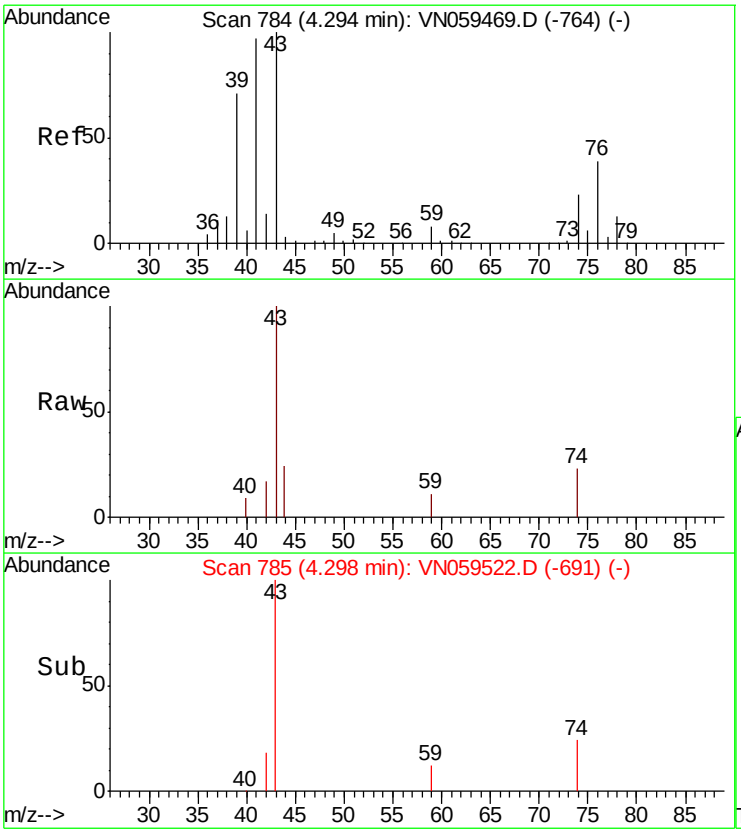
#16
Acetone
Concen: 3.945 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 14105

Ion	Ratio	Lower	Upper
43	100		
58	23.2	24.9	37.3#

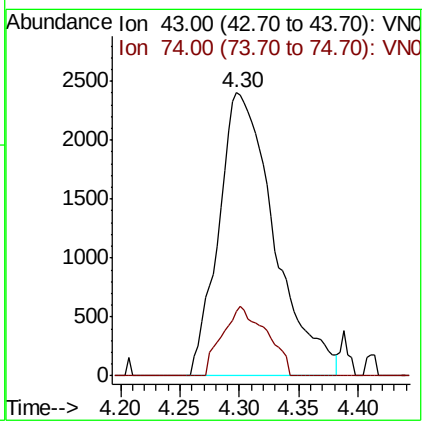


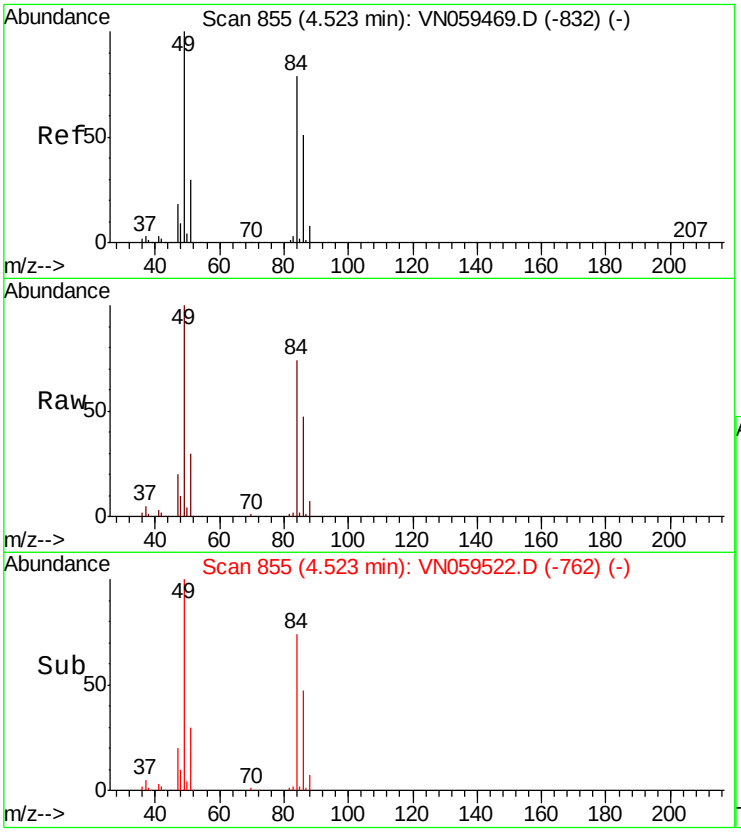


#18
Methyl Acetate
Concen: 2.080 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 43 Resp: 7800

Ion	Ratio	Lower	Upper
43	100		
74	19.5	18.3	27.5



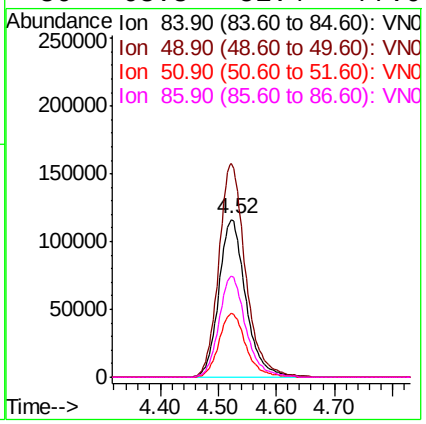


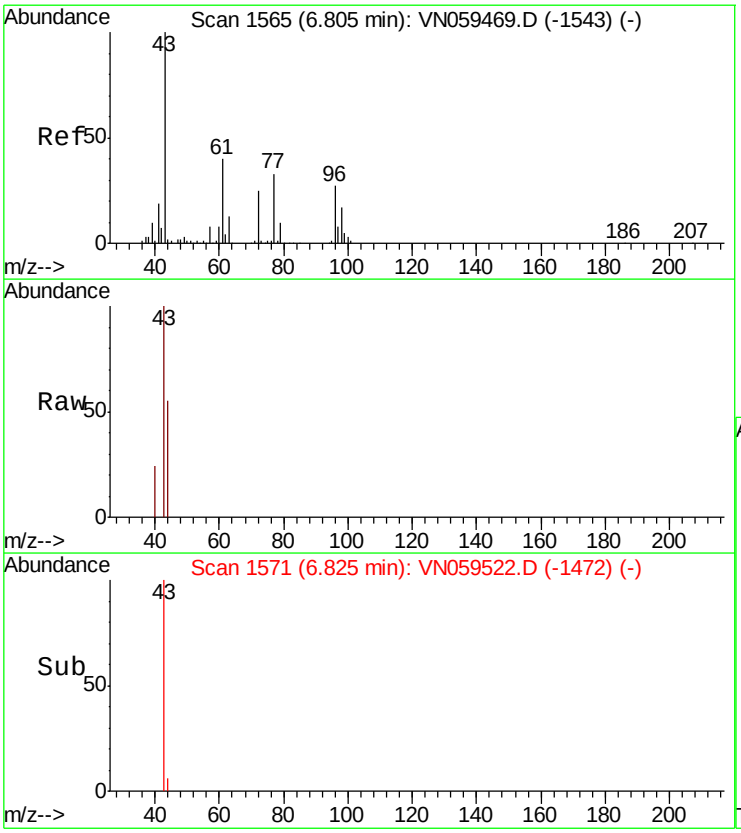
#20
Methylene Chloride
Concen: 144.690 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 373648

Ion	Ratio	Lower	Upper
84	100		
49	135.1	101.1	151.7
51	40.4	30.7	46.1
86	63.8	51.4	77.0

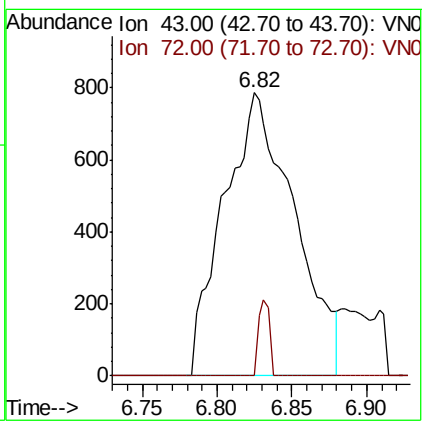


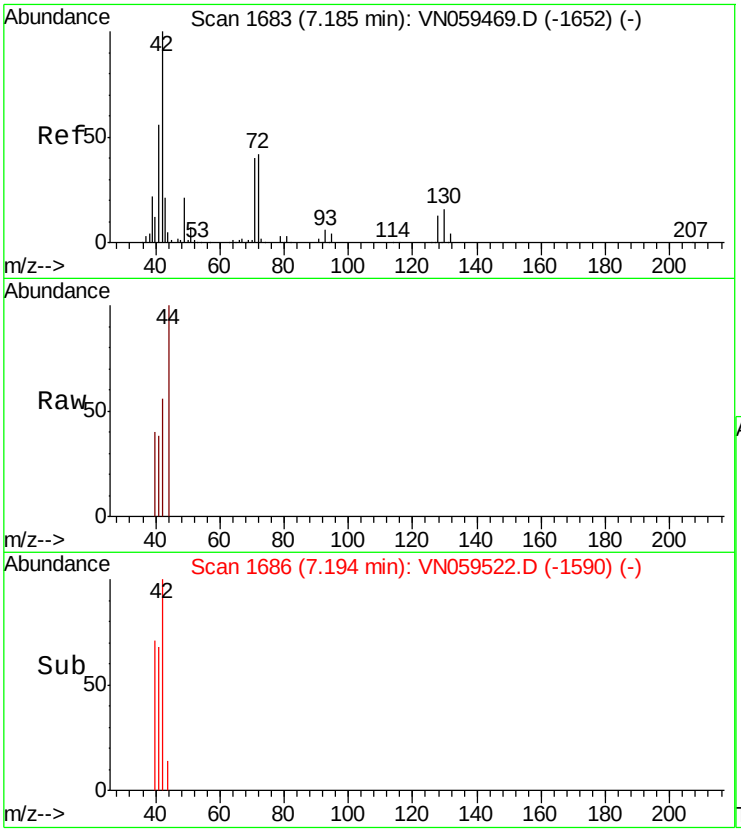


#25
2-Butanone
Concen: 1.219 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 43 Resp: 2581

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.2#



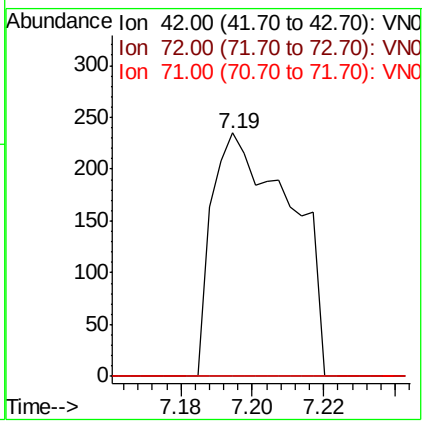


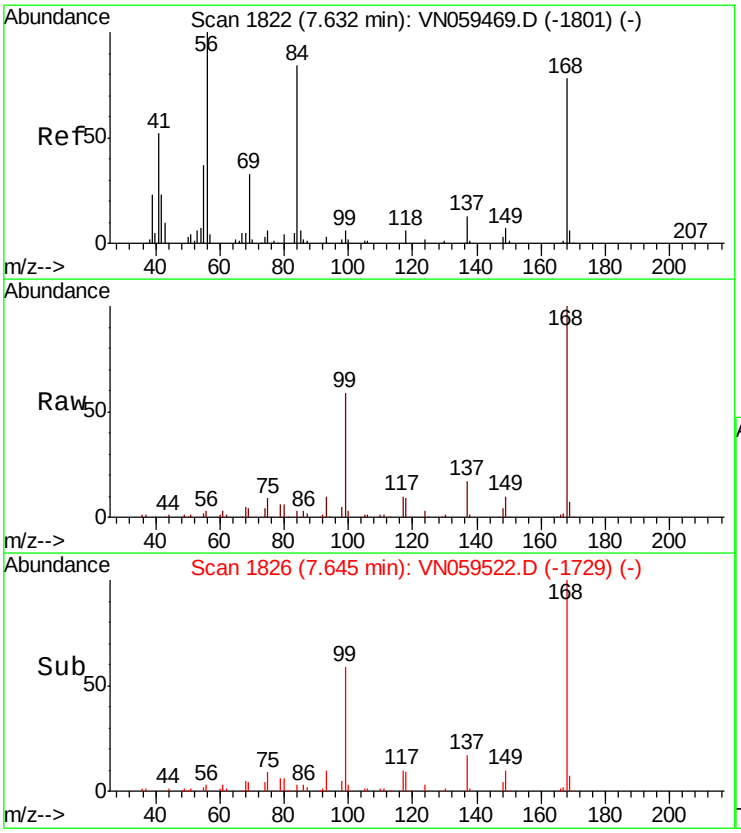
#29
Tetrahydrofuran
Concen: 0.270 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 359

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.2#
71	0.0	32.0	48.0#

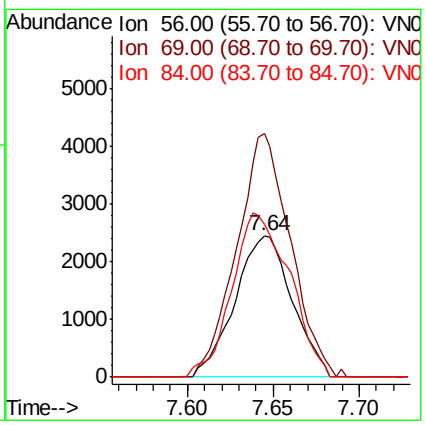


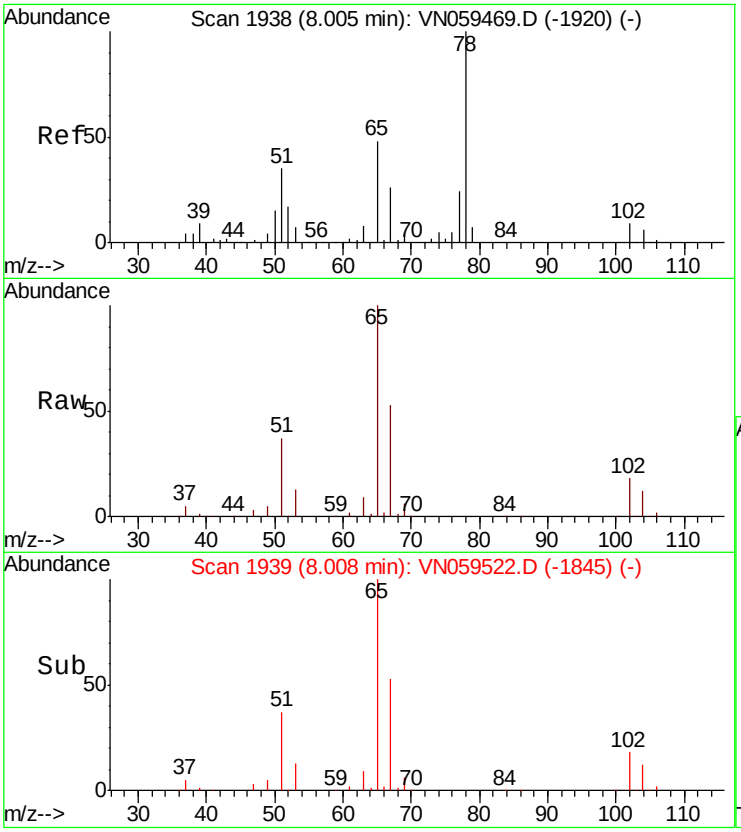


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 56 Resp: 5659

Ion	Ratio	Lower	Upper
56	100		
69	172.1	26.2	39.4#
84	107.6	66.8	100.2#



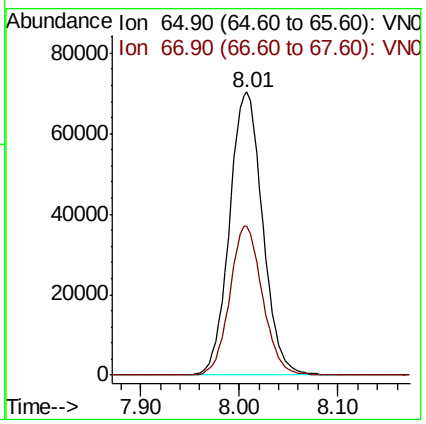


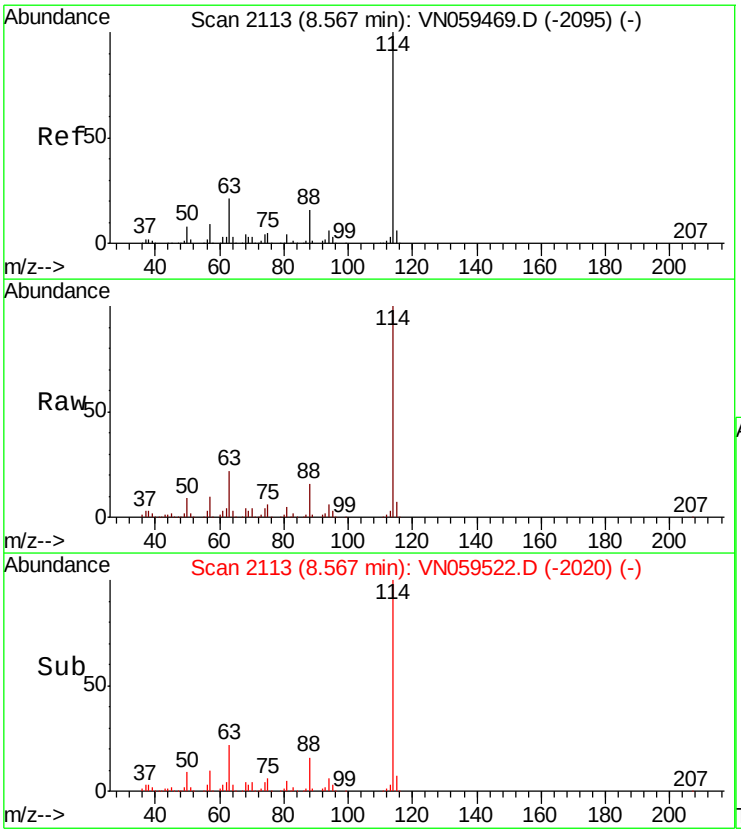
#33
1,2-Dichloroethane-d4
Concen: 58.984 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 164295

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.4

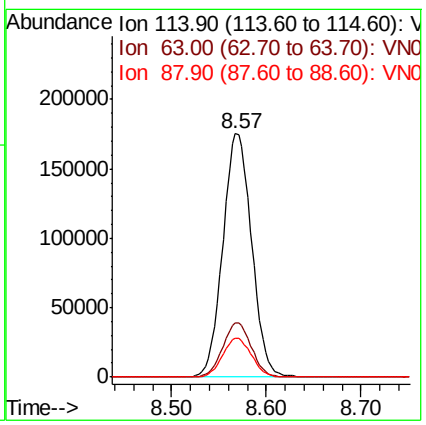


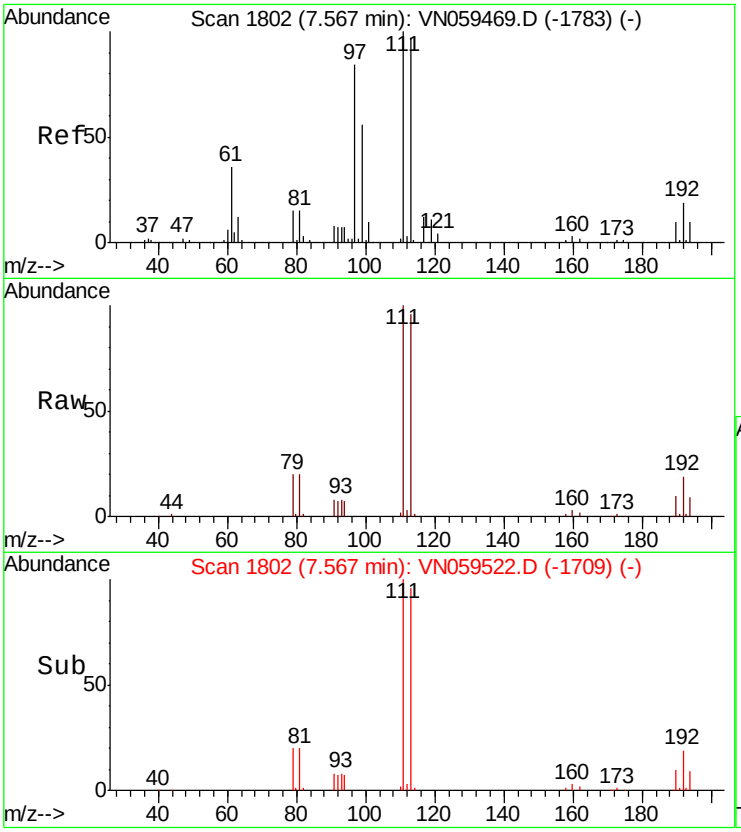


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion:114 Resp: 370371

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.4
88	16.1	0.0	32.8



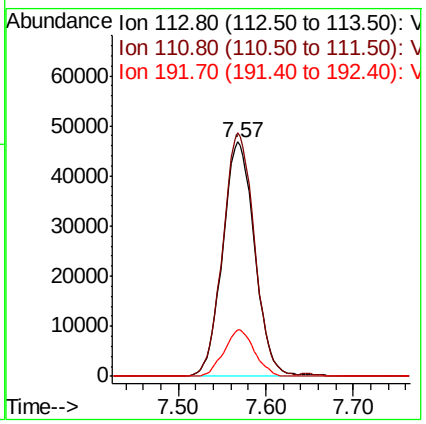


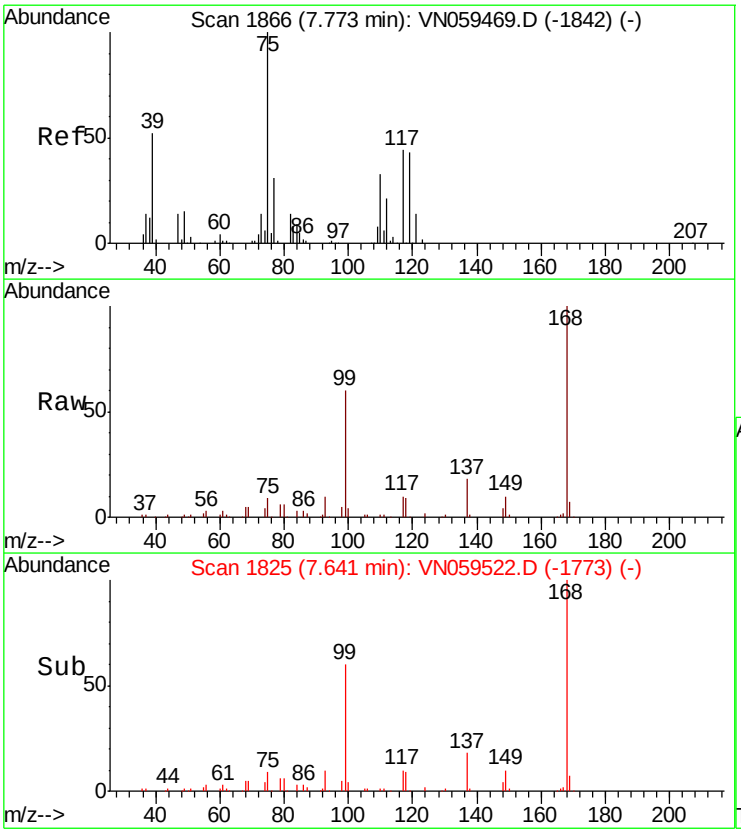
#35
Dibromofluoromethane
Concen: 51.543 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 118898

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.5	123.7
192	18.9	16.1	24.1

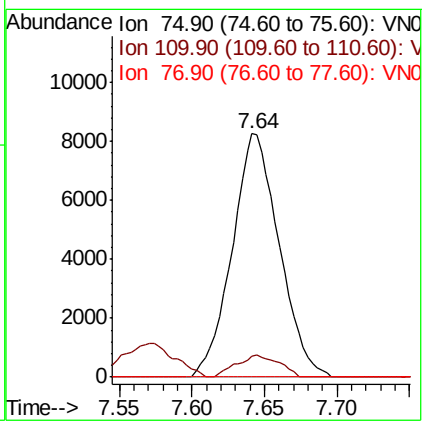


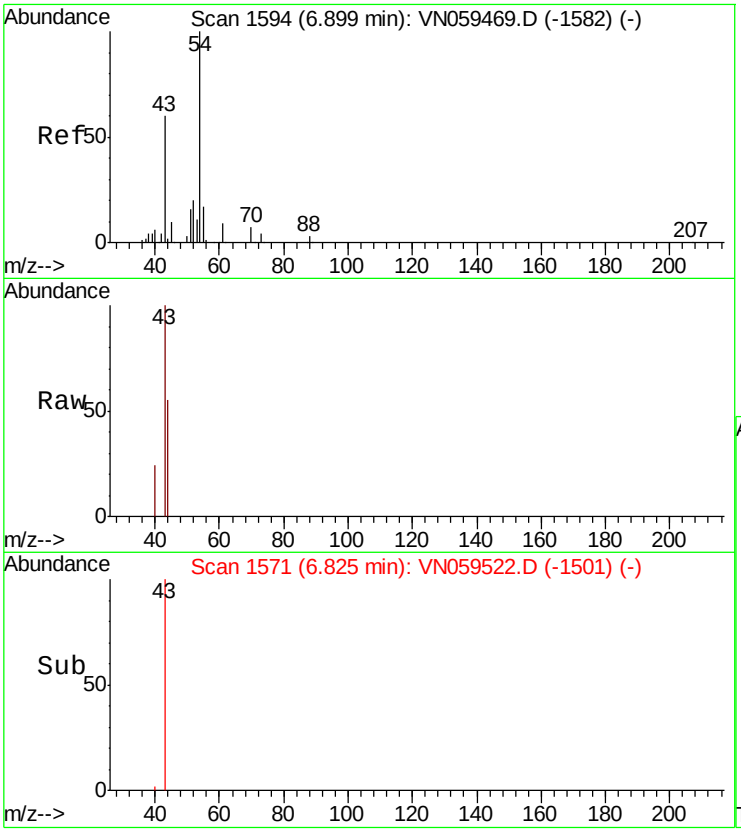


#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.13 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 75 Resp: 18617

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.9	50.7#
77	0.0	25.1	37.7#



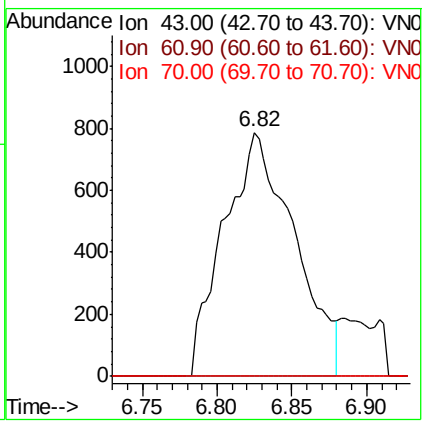


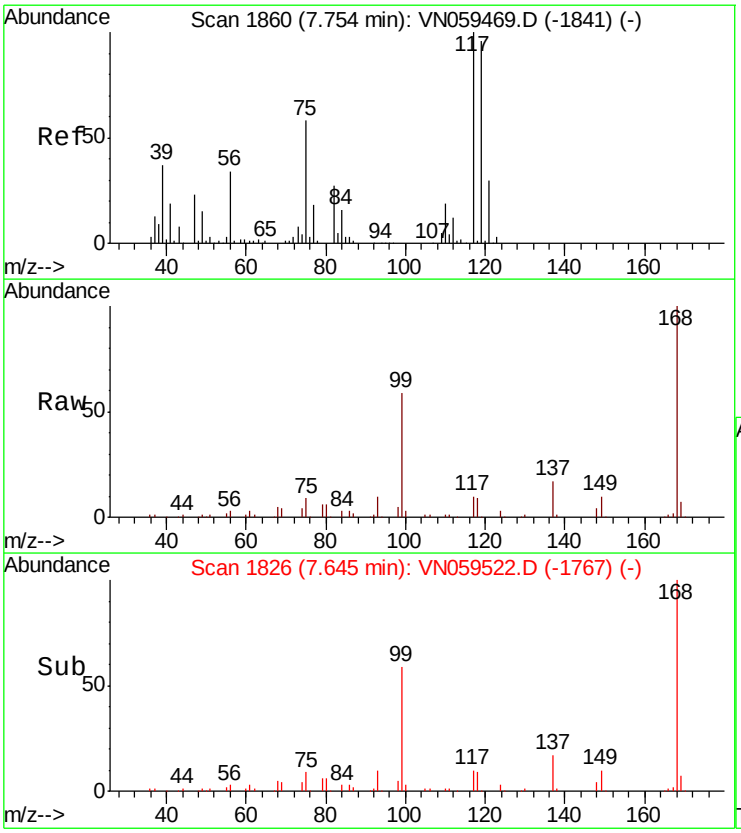
#37
Ethyl Acetate
Concen: 0.600 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.07 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2581

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	8.3	12.5#

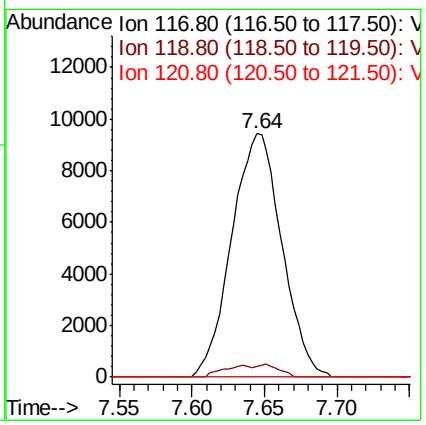


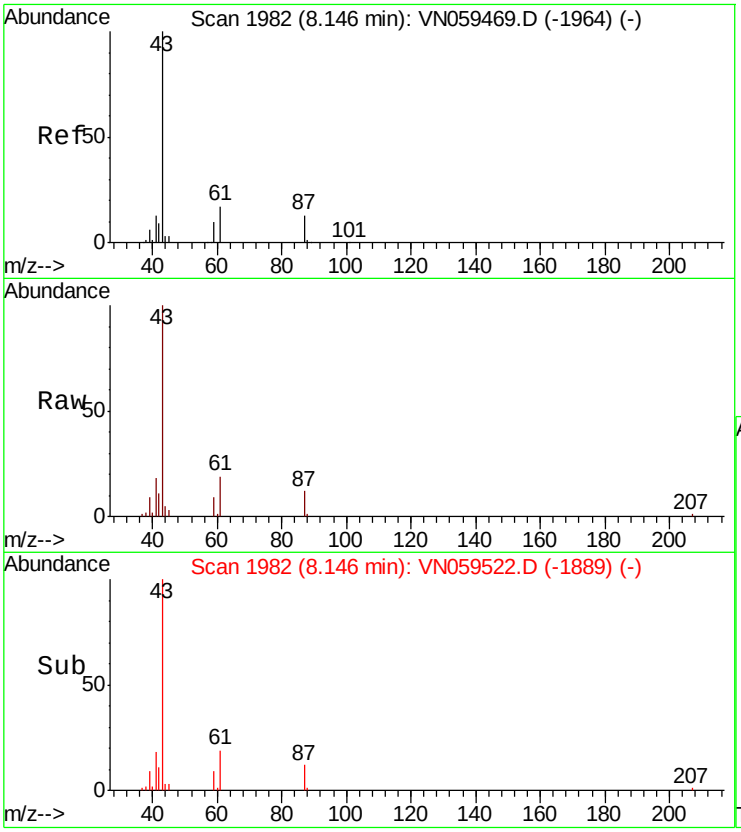


#38
Carbon Tetrachloride
Concen: 6.107 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion:117 Resp: 22640

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.6	114.8#
121	0.0	24.0	36.0#



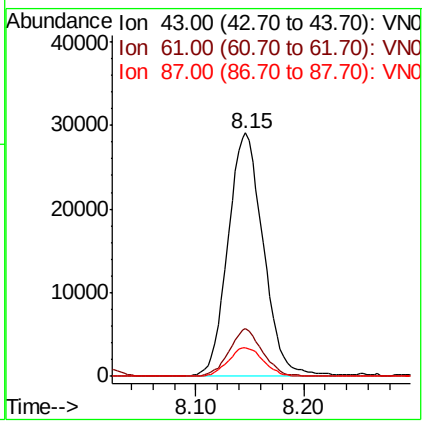


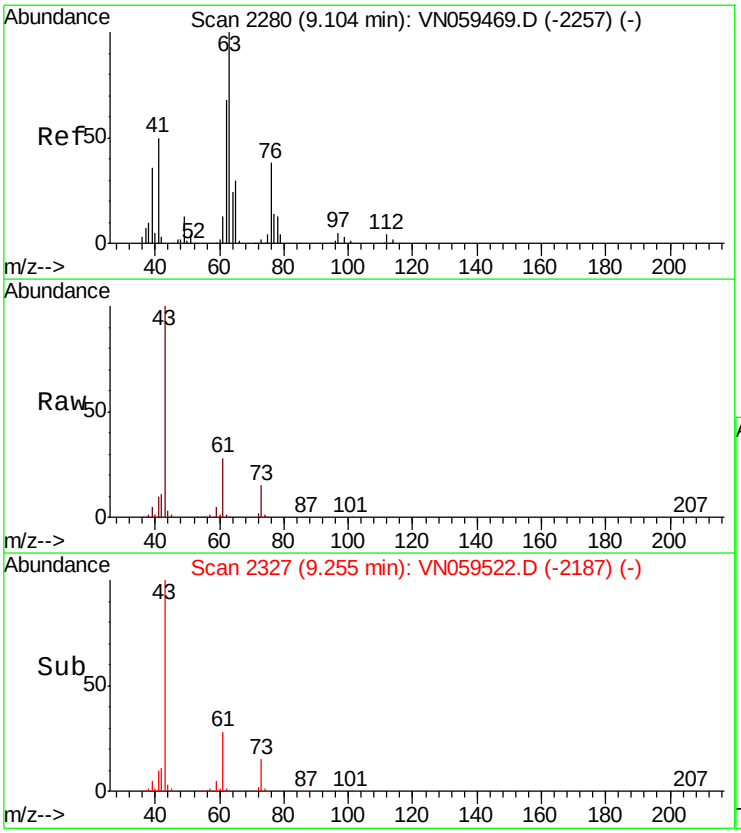
#43
Isopropyl Acetate
Concen: 10.371 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 66408

Ion	Ratio	Lower	Upper
43	100		
61	18.2	21.0	31.6#
87	11.6	10.4	15.6

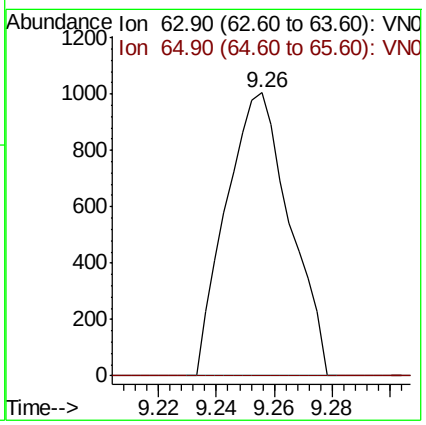


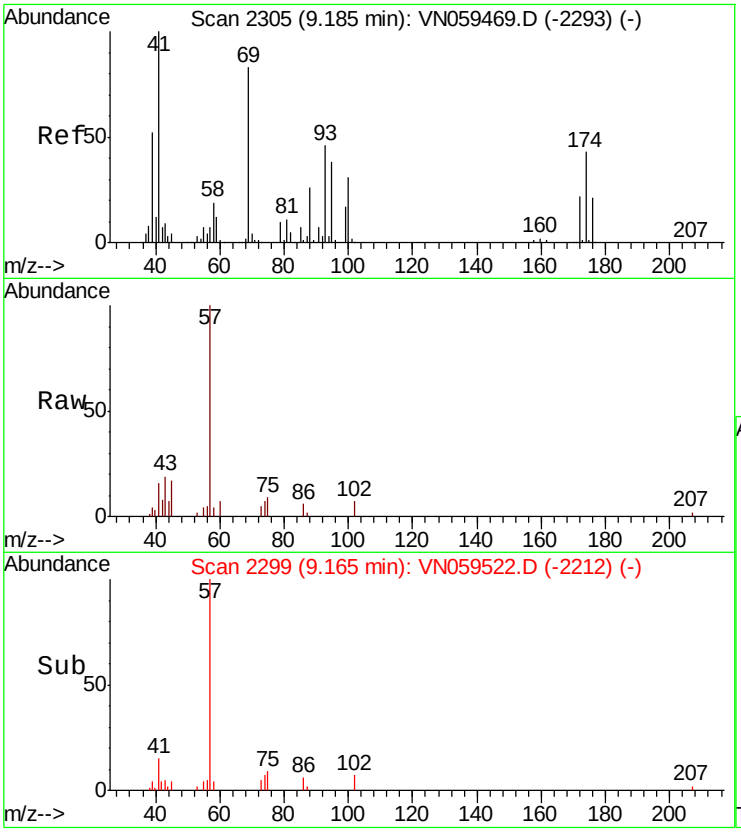


#45
1,2-Dichloropropane
Concen: 0.508 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.15 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 63 Resp: 1531

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.4	36.6#



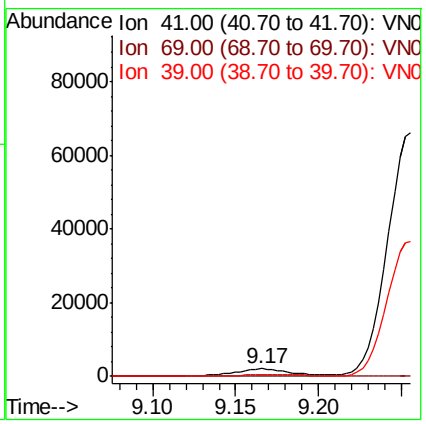


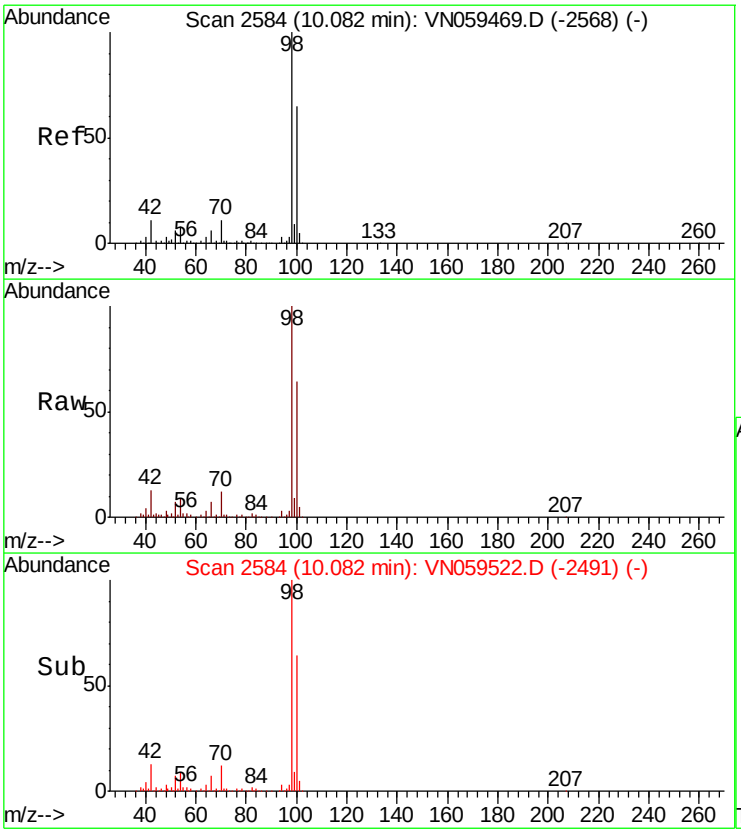
#48
Methyl methacrylate
Concen: 1.370 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.02 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 3958

Ion	Ratio	Lower	Upper
41	100		
69	0.0	68.6	103.0#
39	0.0	43.2	64.8#

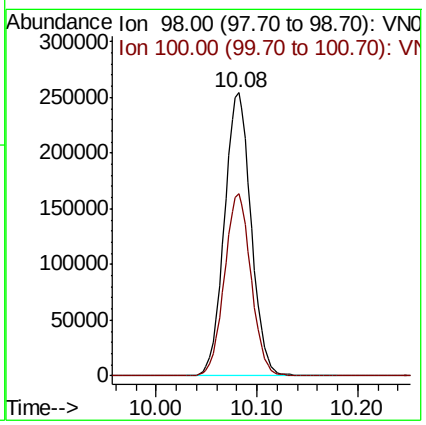


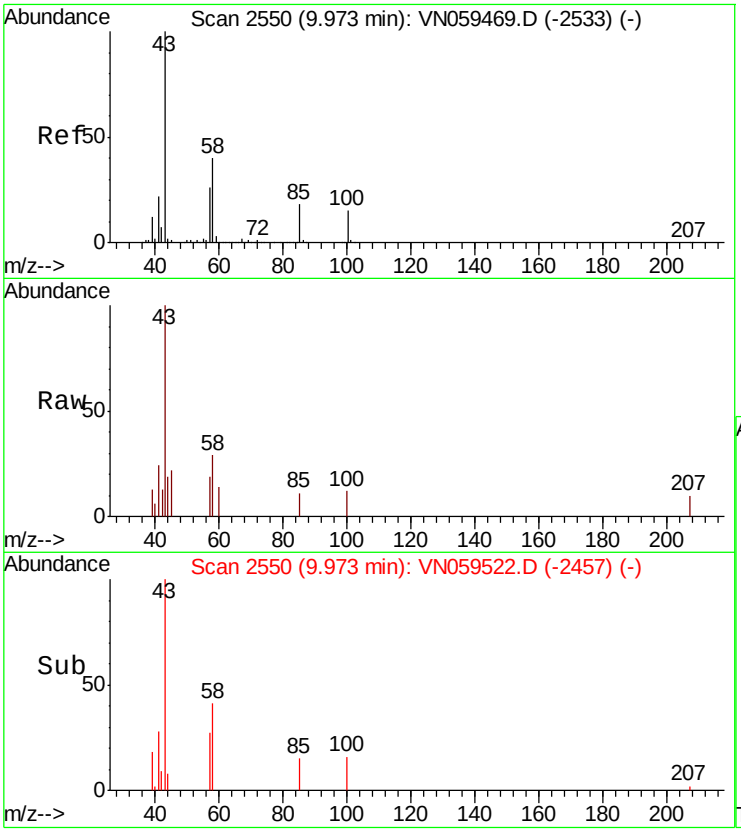


#50
Toluene-d8
Concen: 51.597 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 98 Resp: 469278

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.1	78.1



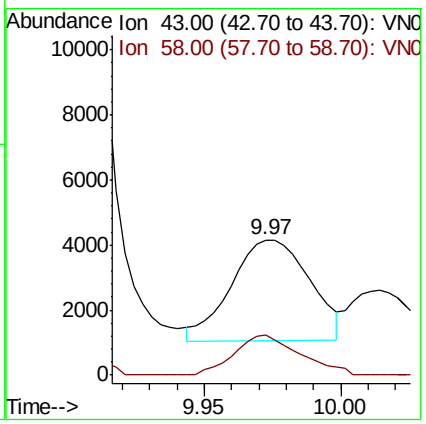


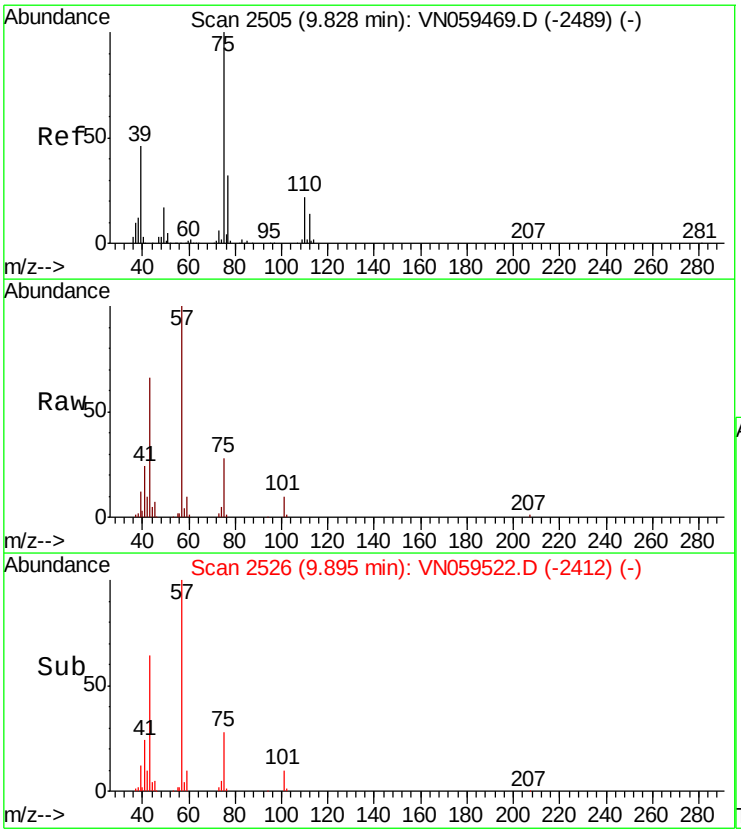
#51
4-Methyl-2-Pentanone
Concen: 1.619 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6152

Ion	Ratio	Lower	Upper
43	100		
58	33.5	32.1	48.1

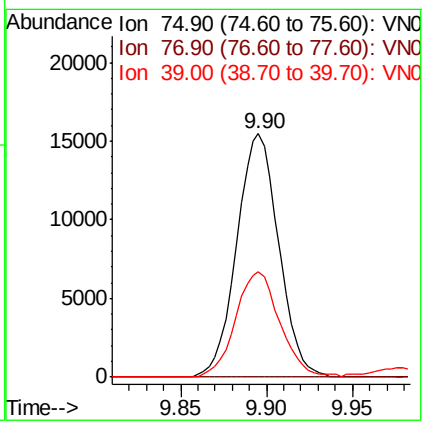


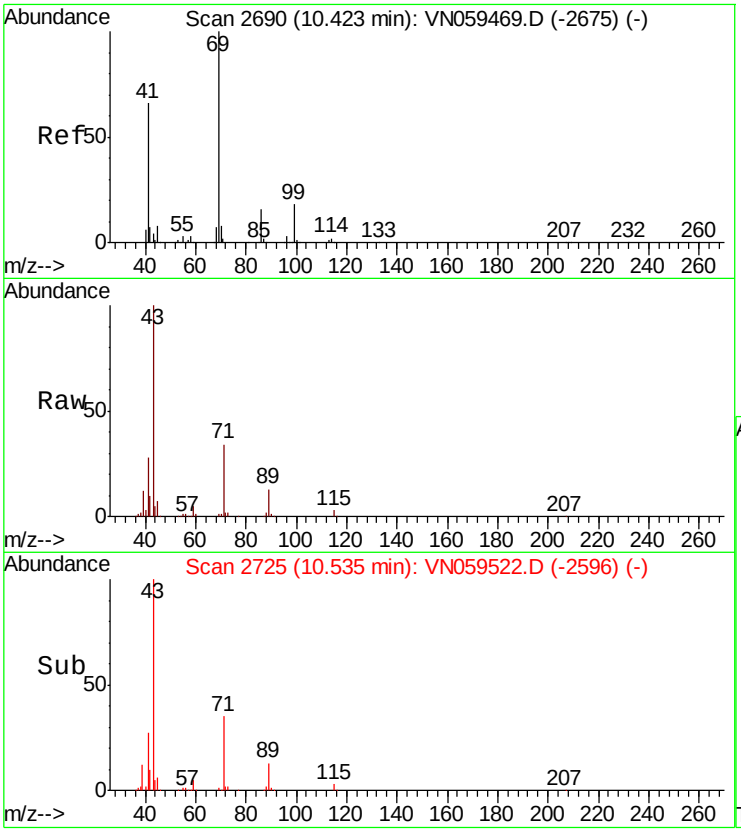


#54
cis-1,3-Dichloropropene
Concen: 5.585 ug/l
RT: 9.90 min Scan# 2526
Delta R.T. 0.07 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 75 Resp: 26221

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	43.2	36.6	54.8



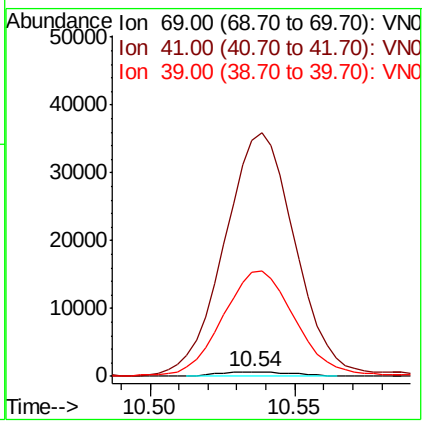


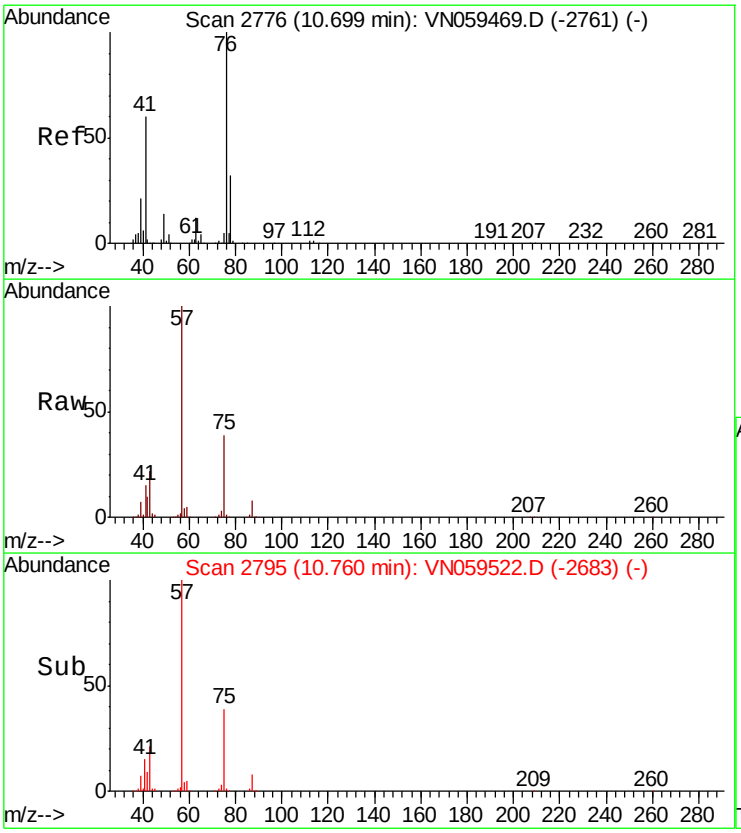
#56
Ethyl methacrylate
Concen: 1.712 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.11 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1168

Ion	Ratio	Lower	Upper
69	100		
41	5293.4	52.7	79.1#
39	2343.9	25.0	37.6#

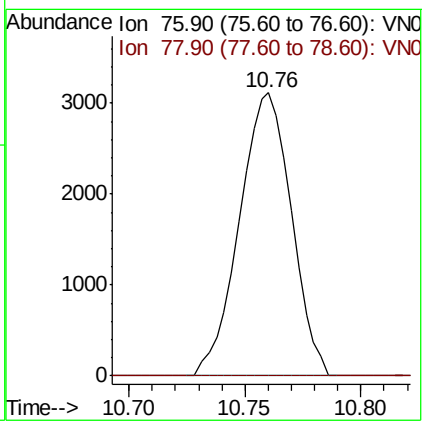


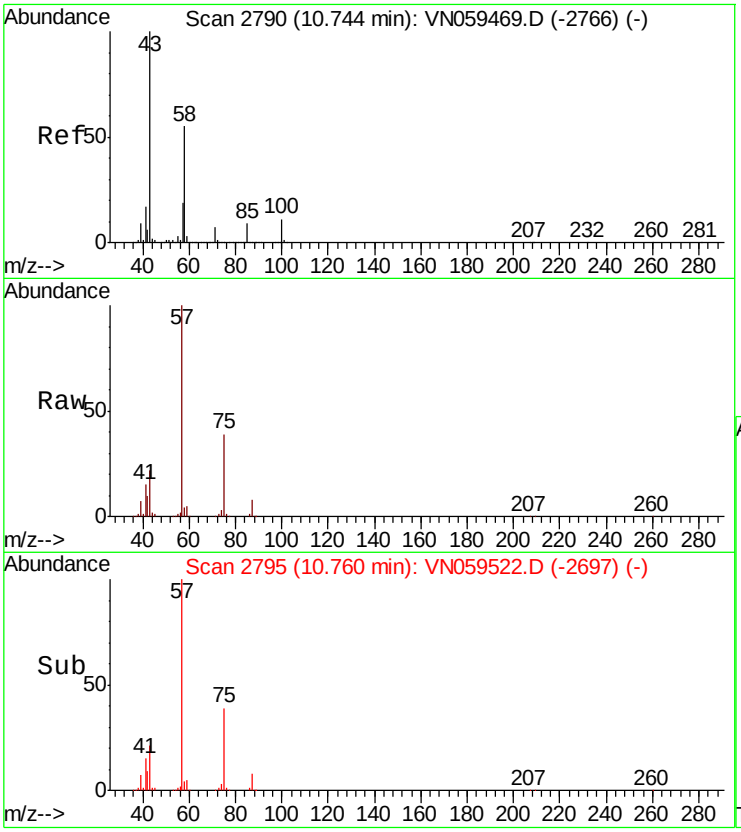


#57
1,3-Dichloropropane
Concen: 1.038 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.06 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 76 Resp: 4830

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



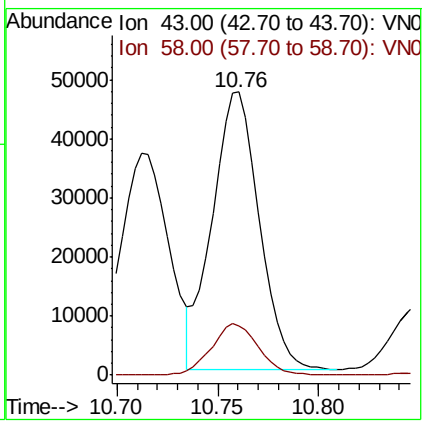


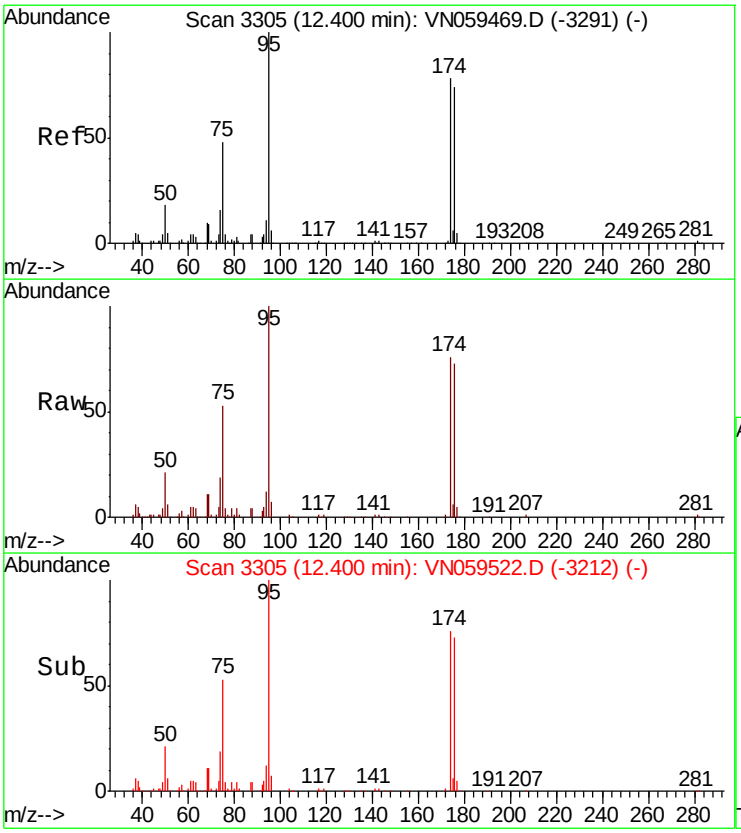
#59
2-Hexanone
Concen: 26.652 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.02 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 76235

Ion	Ratio	Lower	Upper
43	100		
58	18.5	27.7	83.0#

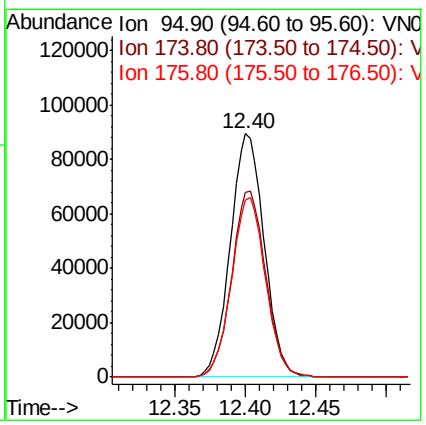


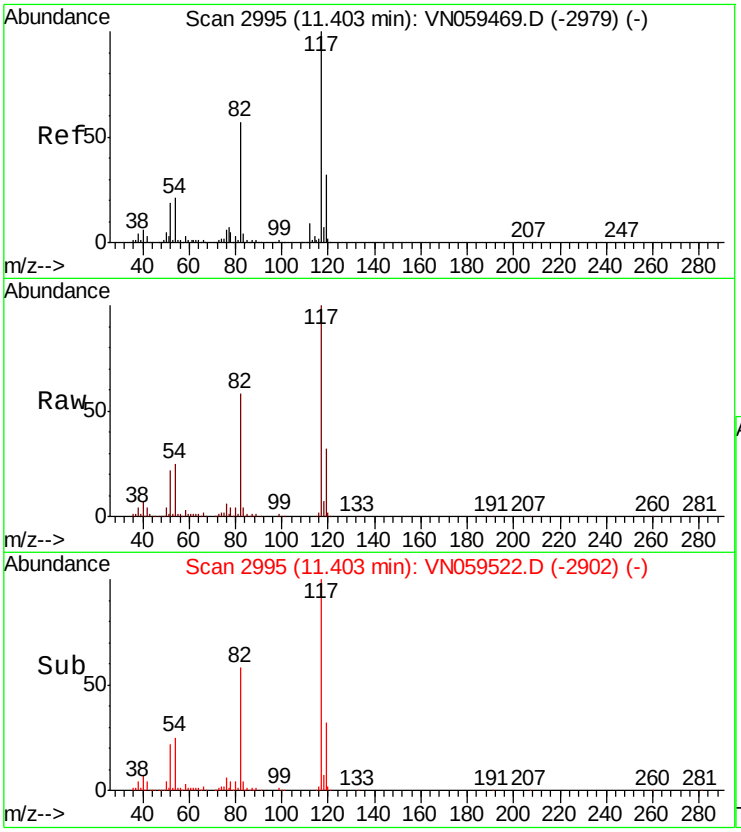


#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 95 Resp: 150630

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	157.0
176	74.0	0.0	152.4



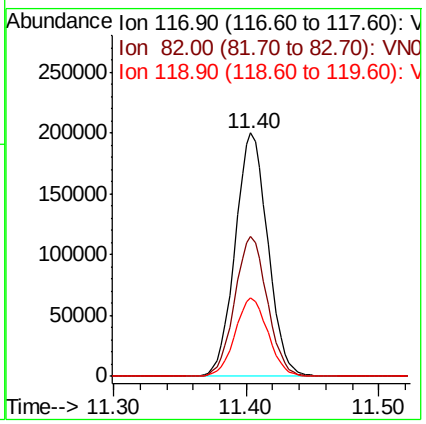


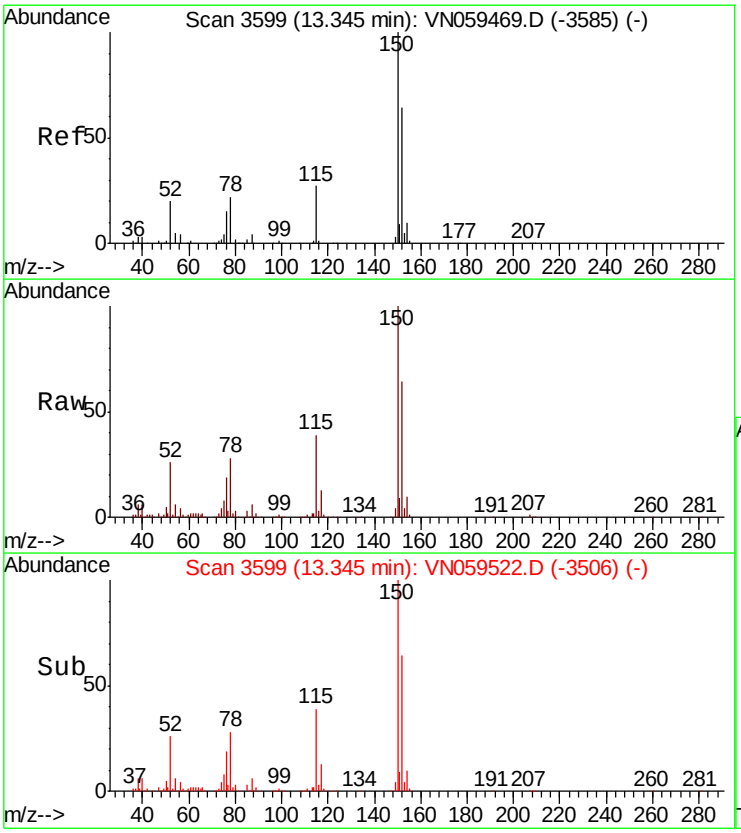
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 341497

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.8	68.8
119	32.1	25.4	38.0

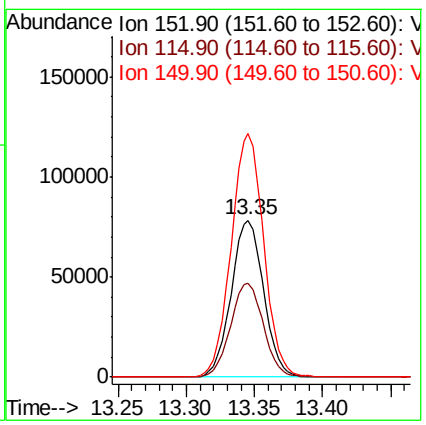


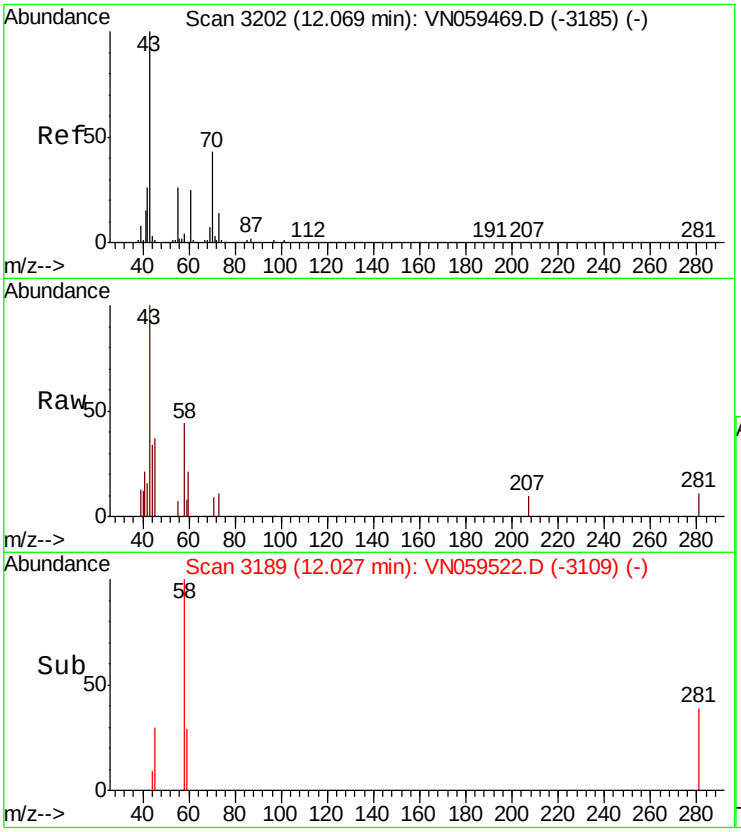


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion:152 Resp: 129310

Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.2	87.6
150	155.8	0.0	352.8



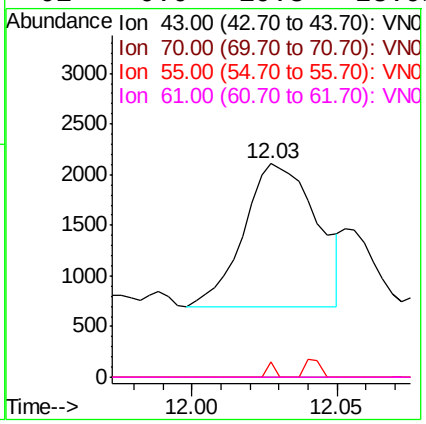


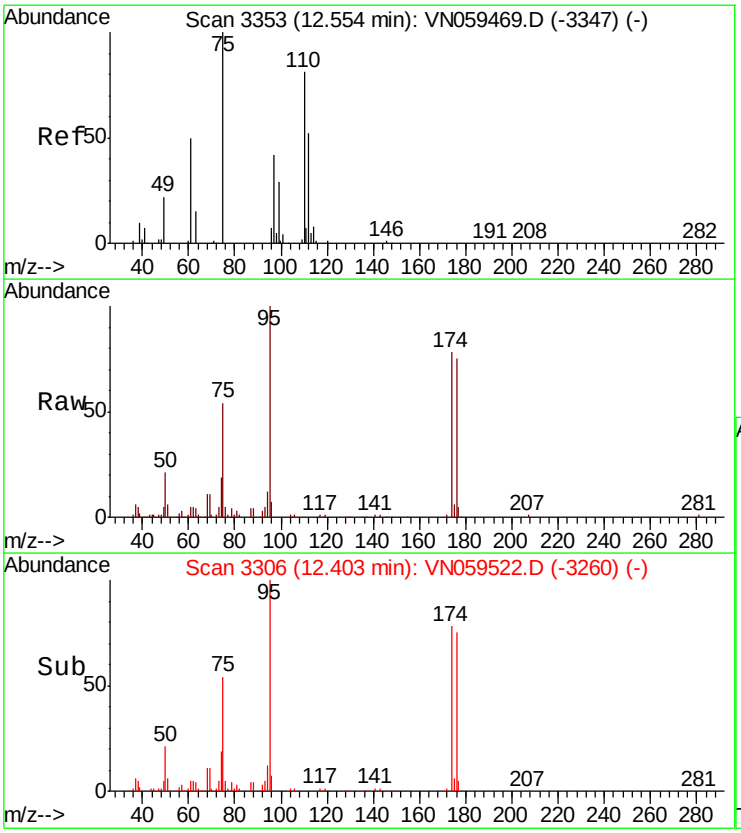
#74
N-amyl acetate
Concen: 0.590 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2465

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.2	51.2#
55	2.7	20.6	31.0#
61	0.0	19.3	28.9#

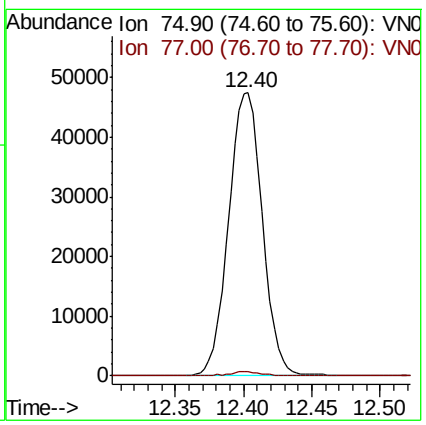


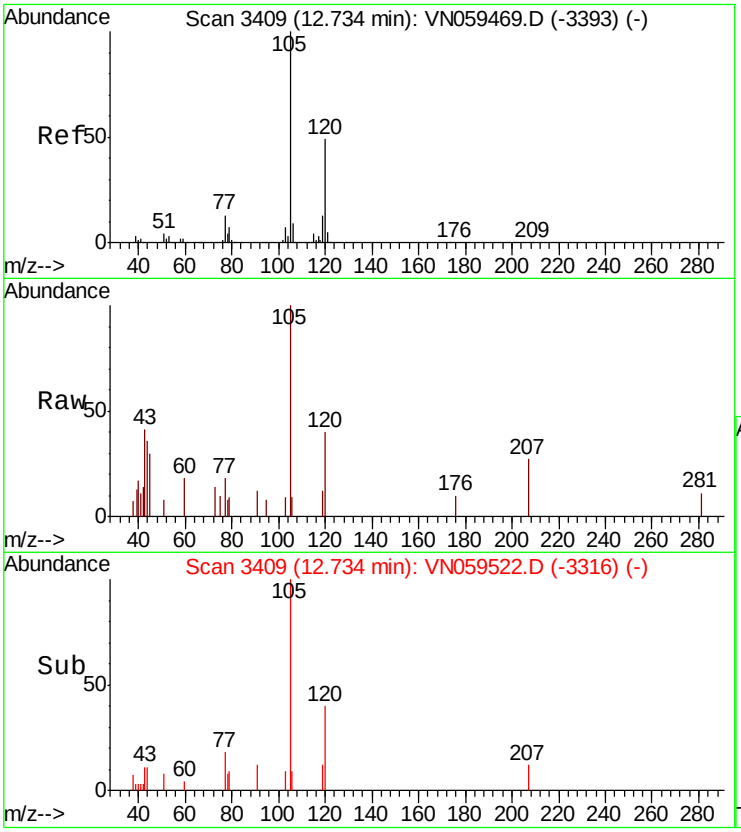


#76
1,2,3-Trichloropropane
Concen: 25.333 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 75 Resp: 81452

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



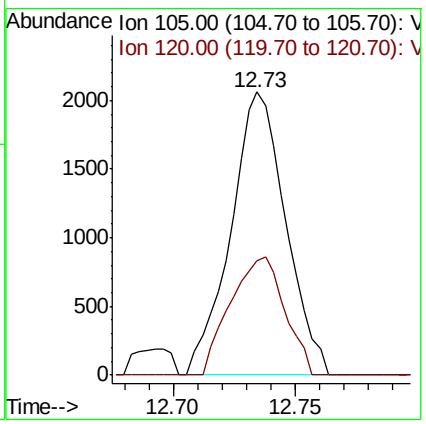


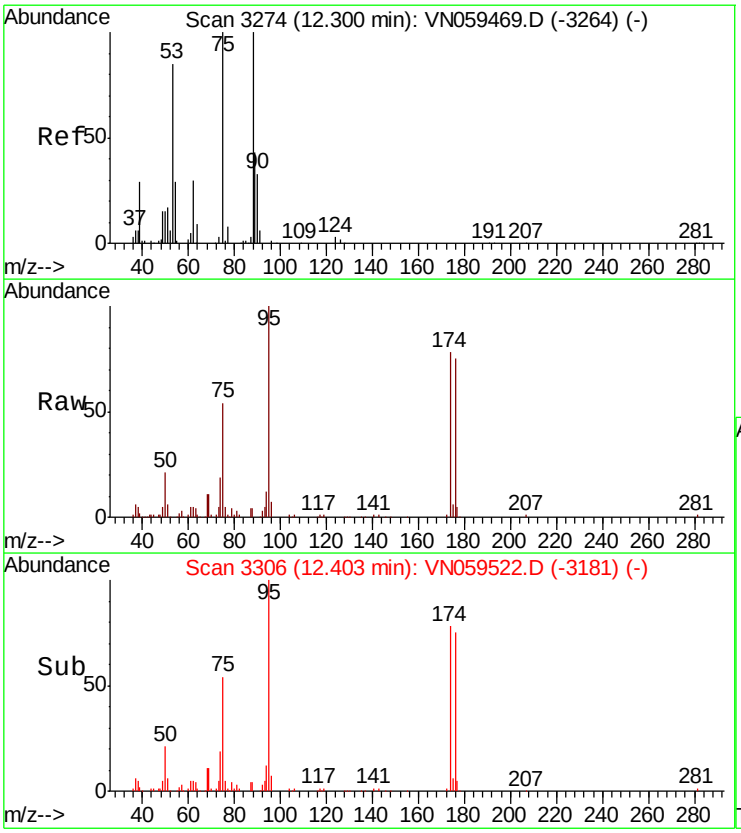
#80
1,3,5-Trimethylbenzene
Concen: 0.371 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 3214

Ion	Ratio	Lower	Upper
105	100		
120	41.3	24.3	73.0

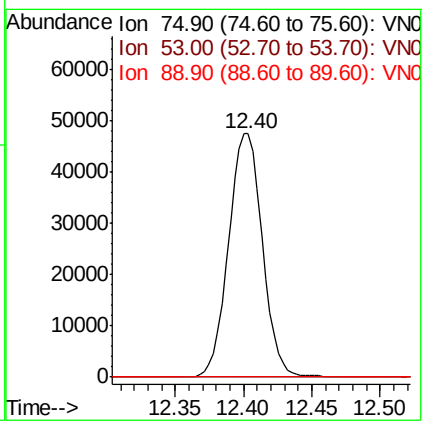


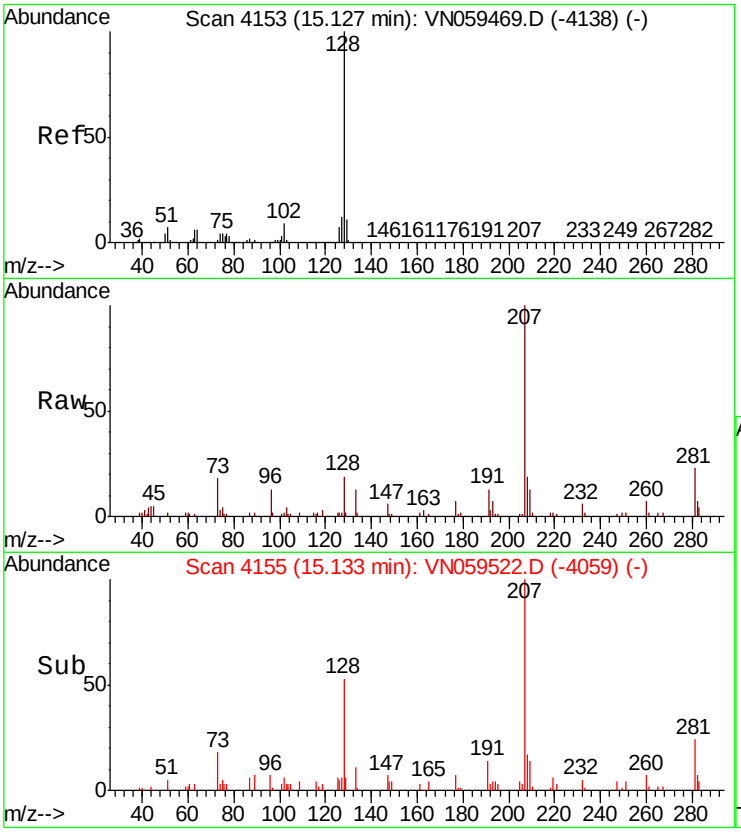


#81
trans-1,4-Dichloro-2-butene
Concen: 66.484 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Tgt Ion: 75 Resp: 81452

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.2	52.8#





#95
Naphthalene
Concen: 3.061 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.01 min
Lab File: VN059522.D
Acq: 6 Dec 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 4910

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.4
129	11.5	8.8	13.2