Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121719\
Data File : VN059634.D
Acq On : 17 Dec 2019 18:48
Operator : JC/SP
Sample : K6330-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 11977

Quant Time: Dec 18 05:49:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	368145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	330389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	170348	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.92%			
35) Dibromofluoromethane	7.57	113	119766	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.98%			
50) Toluene-d8	10.08	98	467493	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.52%			
62) 4-Bromofluorobenzene	12.40	95	147753	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.80%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	327	0.539	ug/l #	72
16) Acetone	3.80	43	14495	7.376	ug/l	97
17) Carbon Disulfide	4.03	76	1708	2.076	ug/l #	58
18) Methyl Acetate	4.30	43	6718	1.631	ug/l #	68
20) Methylene Chloride	4.53	84	8549	3.012	ug/l	96
25) 2-Butanone	6.82	43	6655	2.832	ug/l	100
31) Cyclohexane	7.64	56	5466	1.131	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	18870	4.915	ug/l #	51
37) Ethyl Acetate	6.82	43	6655	1.491	ug/l #	69
38) Carbon Tetrachloride	7.64	117	22885	5.744	ug/l #	16
43) Isopropyl Acetate	8.15	43	70078	10.101	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	1477	0.488	ug/l #	44
48) Methyl methacrylate	9.16	41	5605	1.781	ug/l #	13
49) 1,4-Dioxane	9.25	88	63	1.397	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	5920	1.431	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	25958	5.396	ug/l #	62
56) Ethyl methacrylate	10.53	69	965	0.240	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	4738	1.006	ug/l #	42
59) 2-Hexanone	10.76	43	74660	22.902	ug/l #	54
71) Bromoform	12.40	173	847	0.415	ug/l #	1
74) N-amyl acetate	12.03	43	2709	0.607	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	79424	25.877	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	79424	63.913	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.28	75	354	2.018	ug/l #	6

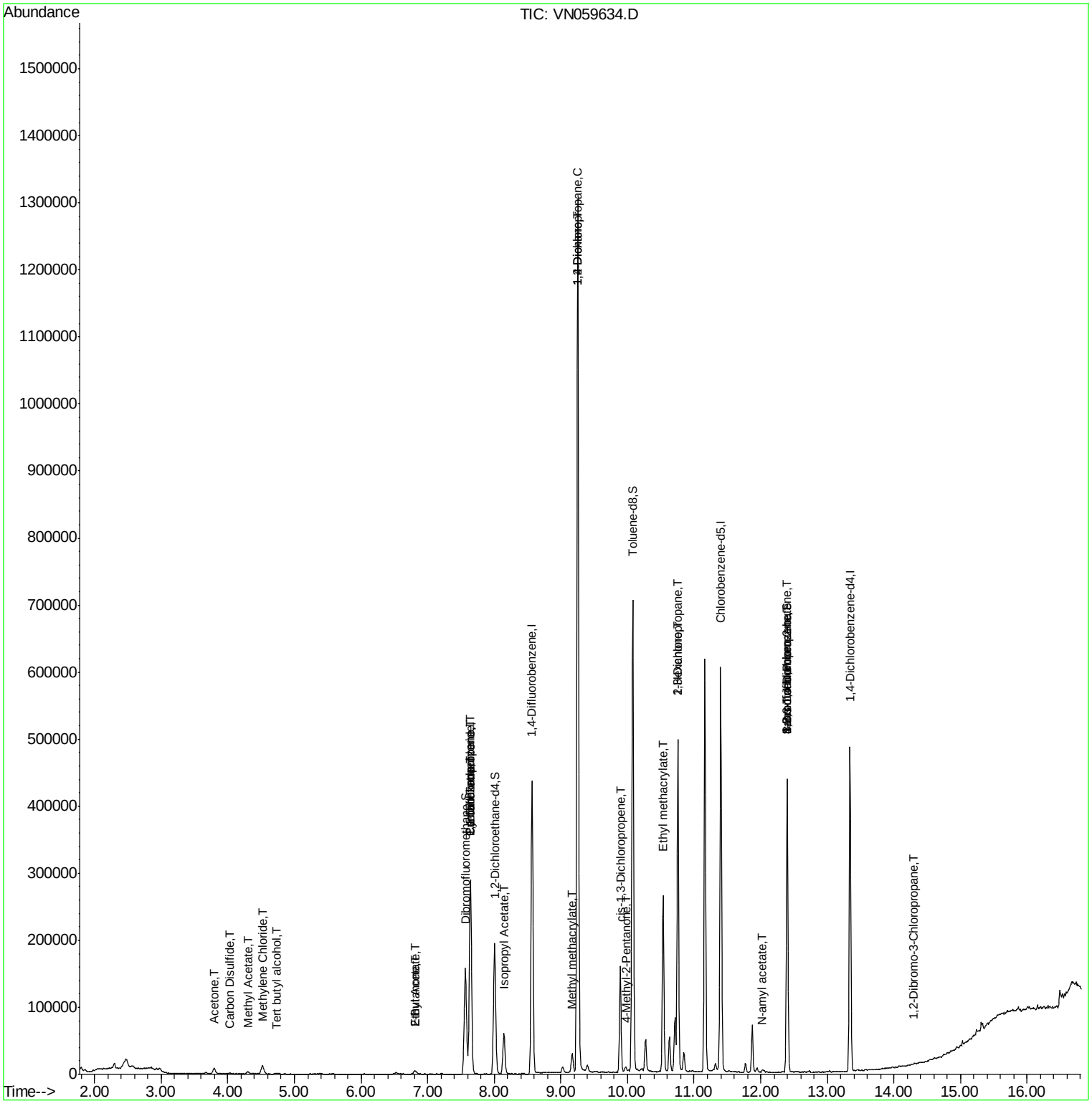
(#) = qualifier out of range (m) = manual integration (+) = signals summed

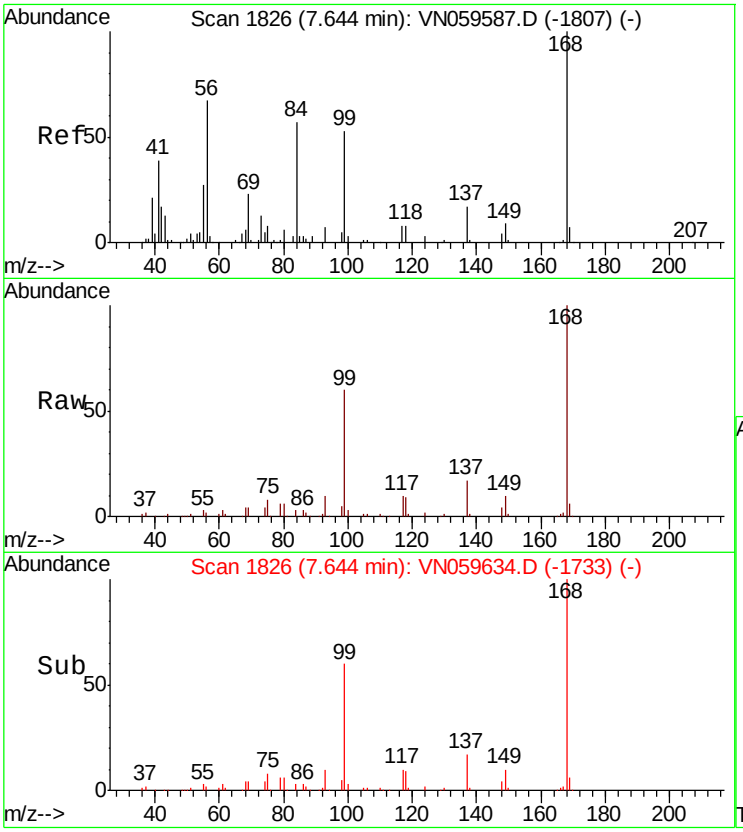
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121719\
Data File : VN059634.D
Acq On : 17 Dec 2019 18:48
Operator : JC/SP
Sample : K6330-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 11977

Quant Time: Dec 18 05:49:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration



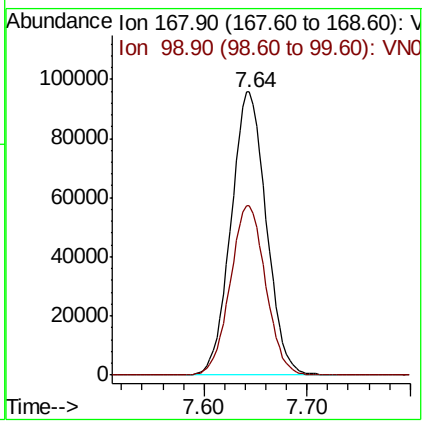


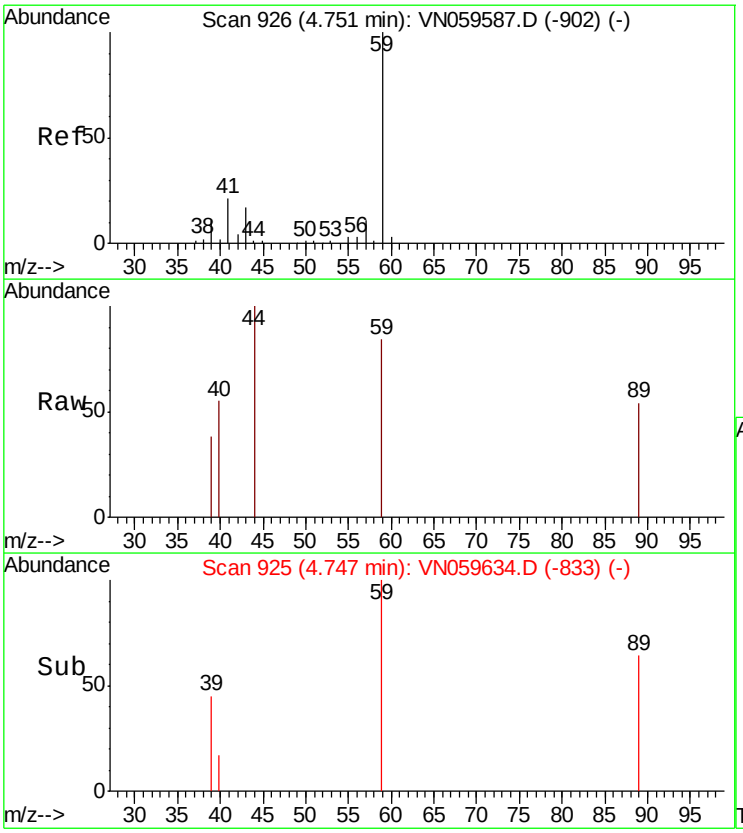
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
11977

Tgt Ion:168 Resp: 227477

Ion	Ratio	Lower	Upper
168	100		
99	59.9	48.2	72.4

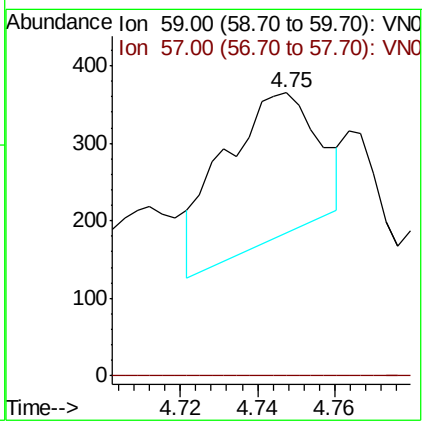


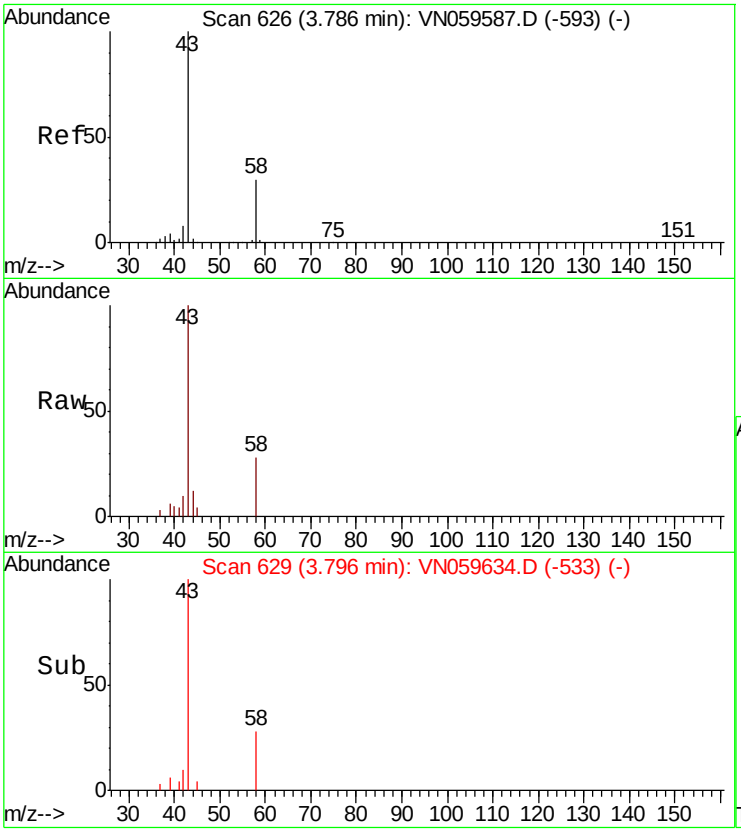


#11
Tert butyl alcohol
Concen: 0.539 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 59 Resp: 327

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



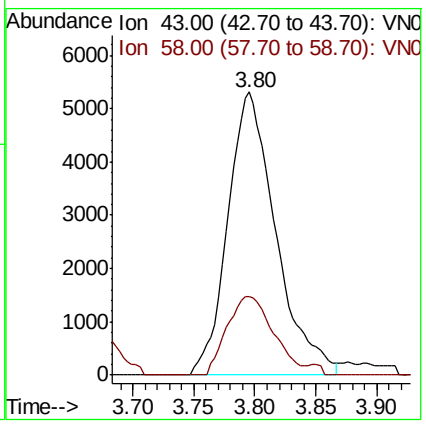


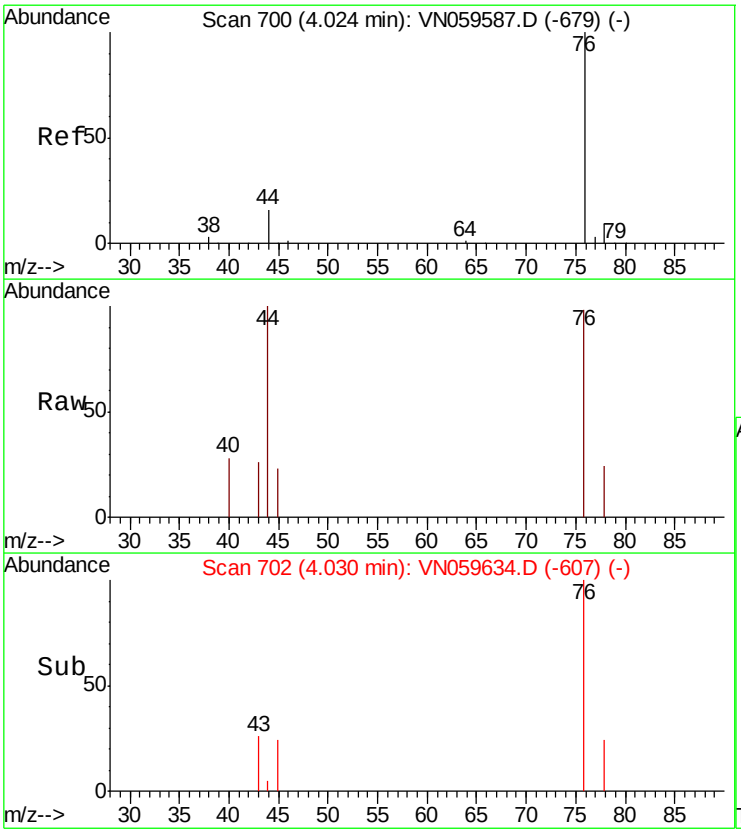
#16
Acetone
Concen: 7.376 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
11977

Tgt Ion: 43 Resp: 14495

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.6	35.4

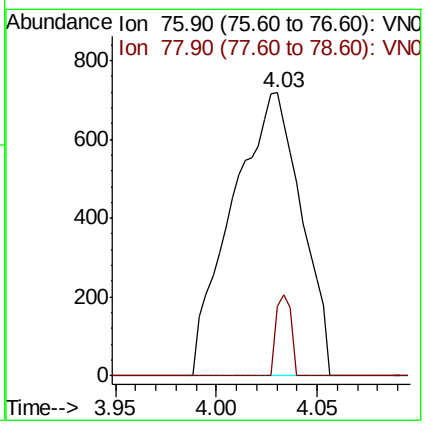


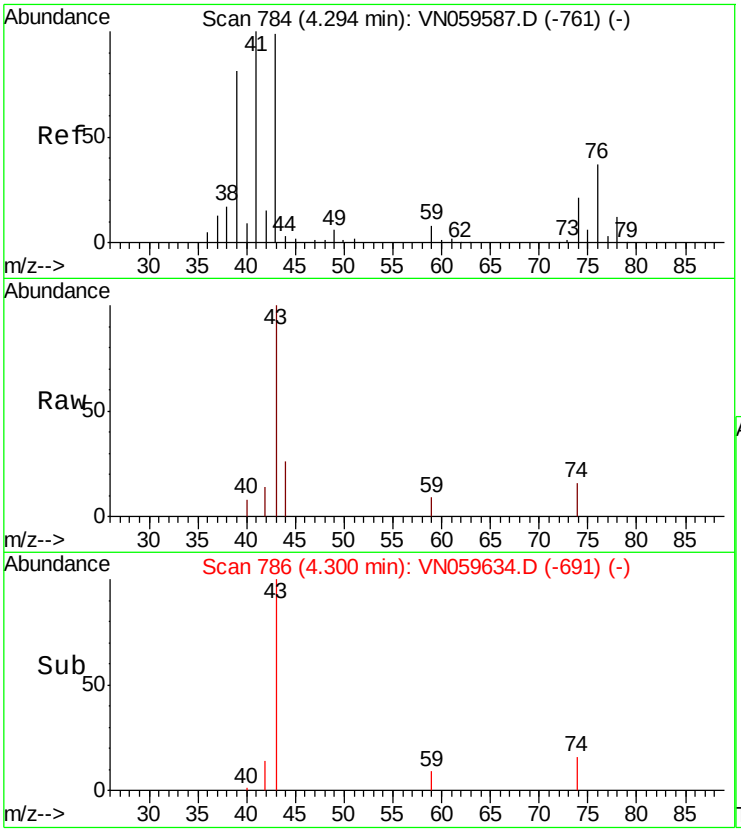


#17
Carbon Disulfide
Concen: 2.076 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 76 Resp: 1708

Ion	Ratio	Lower	Upper
76	100		
78	24.4	7.4	11.0#



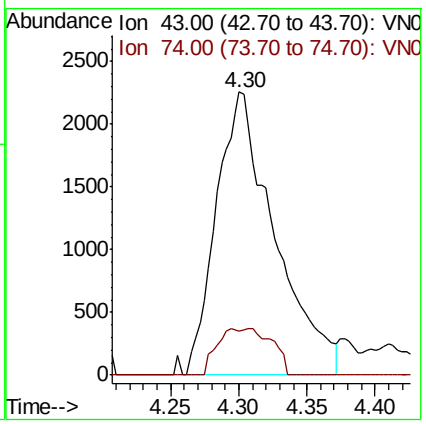


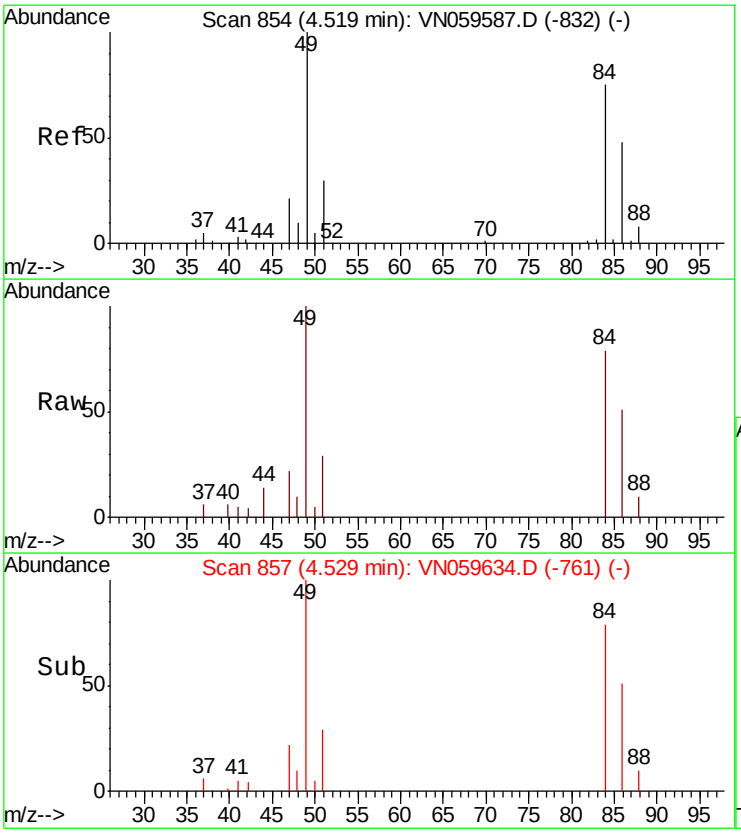
#18
Methyl Acetate
Concen: 1.631 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 43 Resp: 6718

Ion	Ratio	Lower	Upper
43	100		
74	6.6	17.5	26.3#

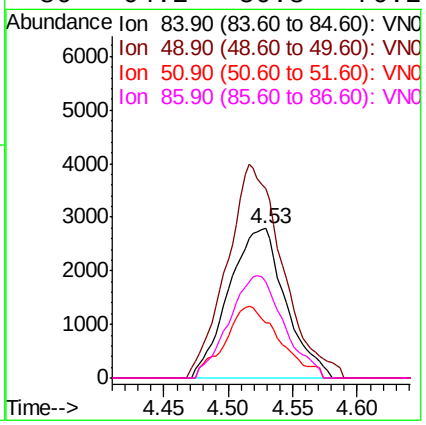


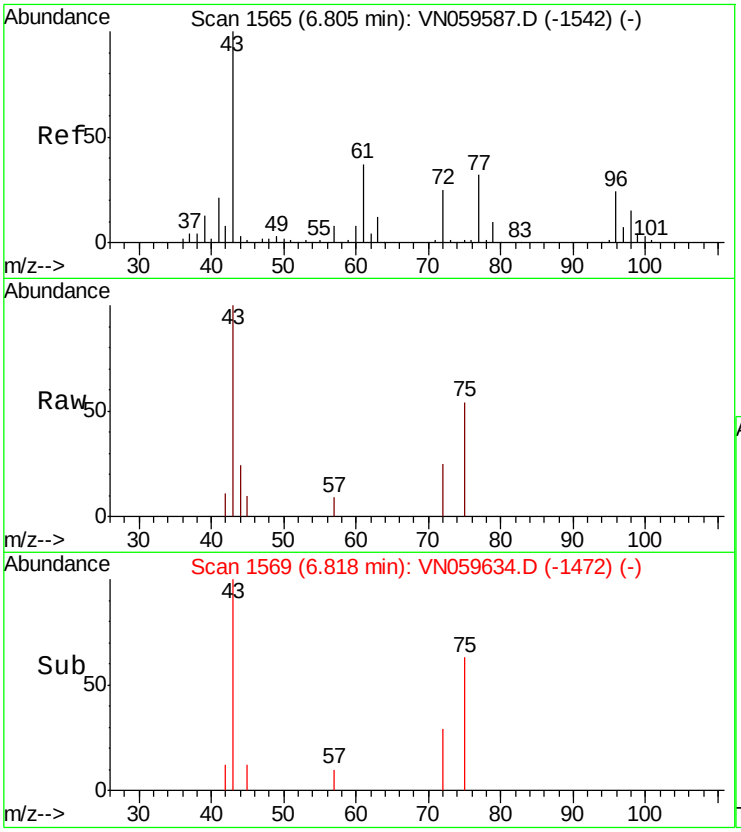


#20
Methylene Chloride
Concen: 3.012 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 84 Resp: 8549

Ion	Ratio	Lower	Upper
84	100		
49	126.8	106.6	160.0
51	37.2	31.9	47.9
86	64.2	50.8	76.2



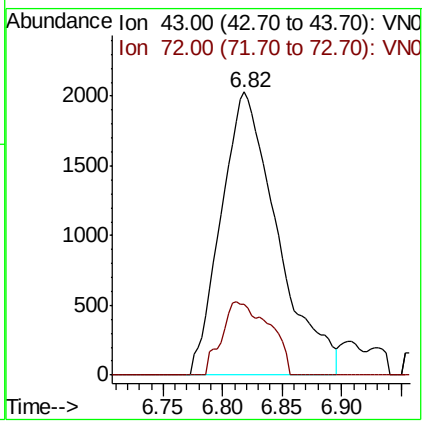


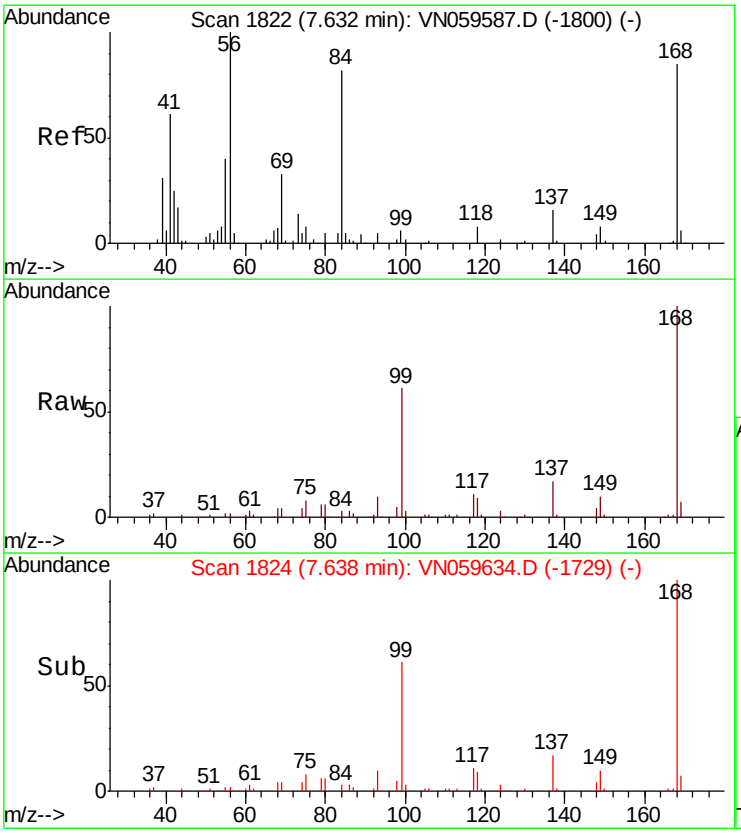
#25
2-Butanone
Concen: 2.832 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
11977

Tgt Ion: 43 Resp: 6655

Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.9	29.9

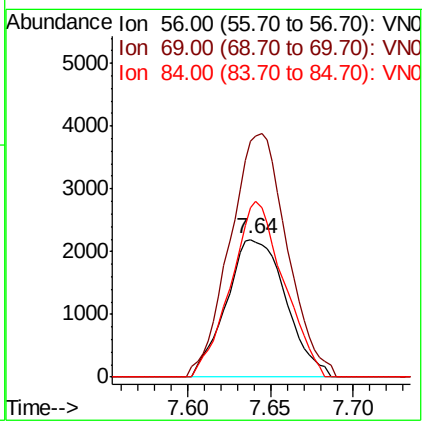


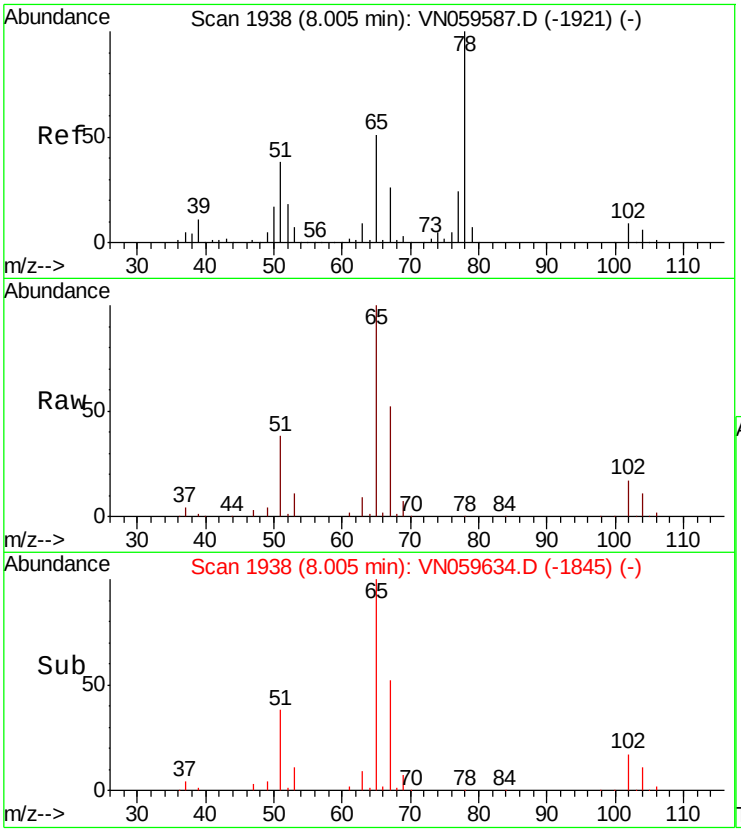


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 56 Resp: 5466

Ion	Ratio	Lower	Upper
56	100		
69	170.8	26.5	39.7#
84	122.6	65.3	97.9#



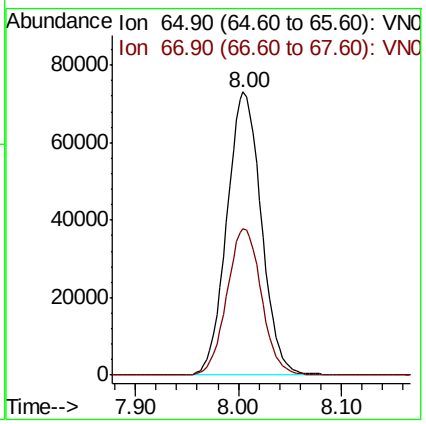


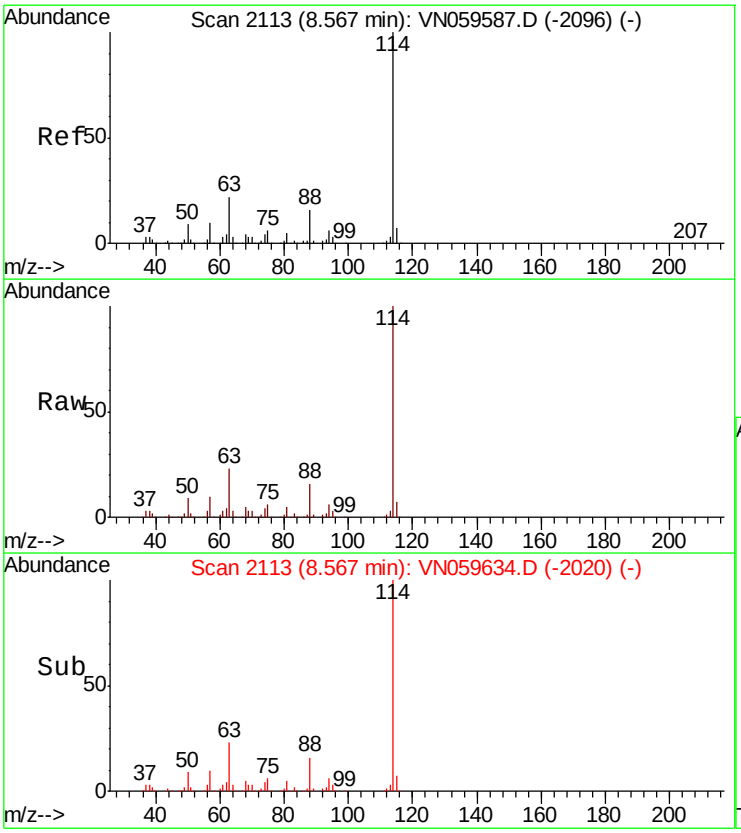
#33
1,2-Dichloroethane-d4
Concen: 51.463 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
11977

Tgt Ion: 65 Resp: 170348

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0

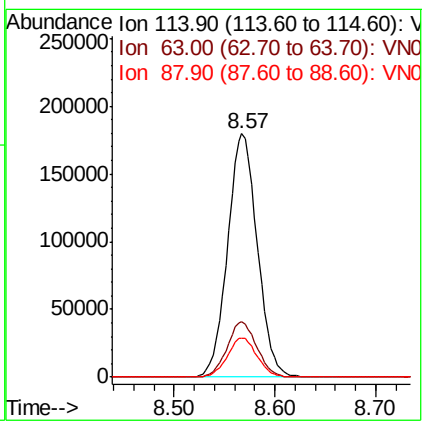


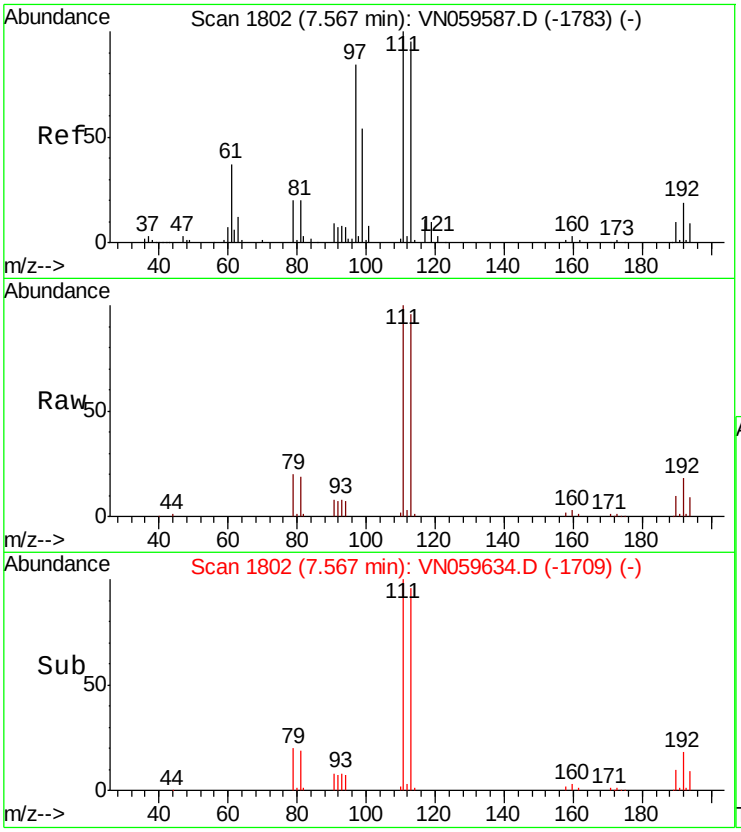


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion:114 Resp: 368145

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.6
88	16.2	0.0	31.4



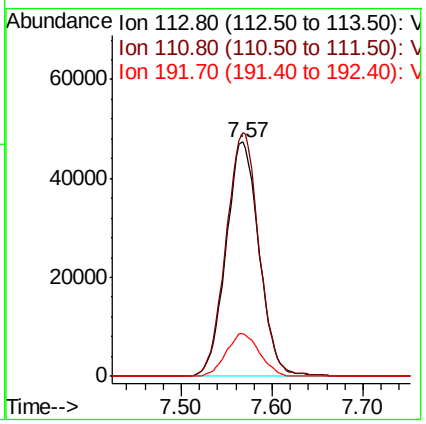


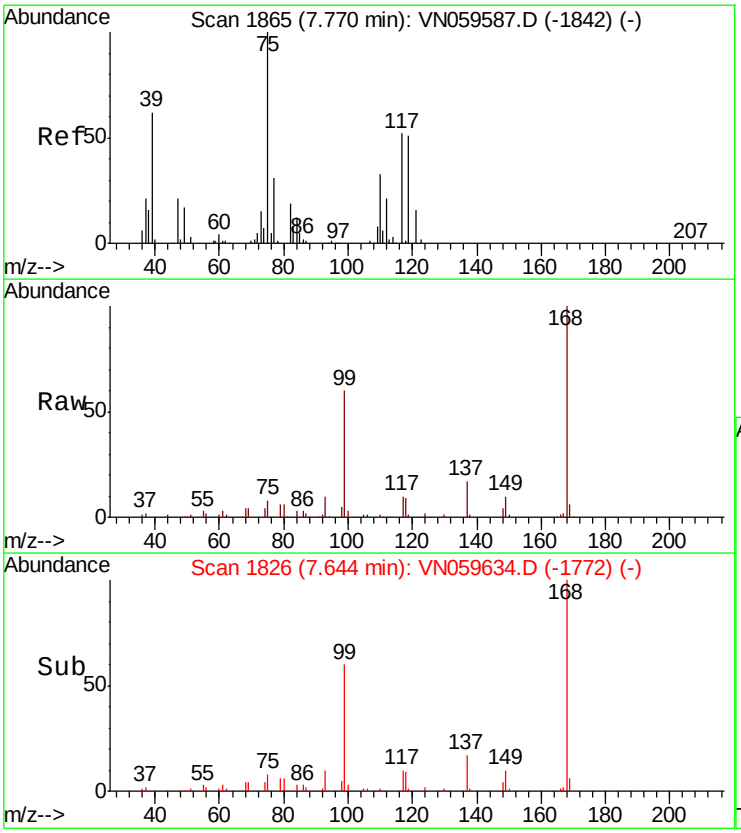
#35
Dibromofluoromethane
Concen: 51.994 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
11977

Tgt Ion:113 Resp: 119766

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.5	125.3
192	18.4	15.4	23.2

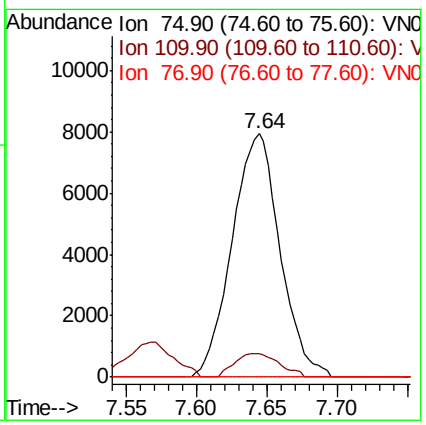


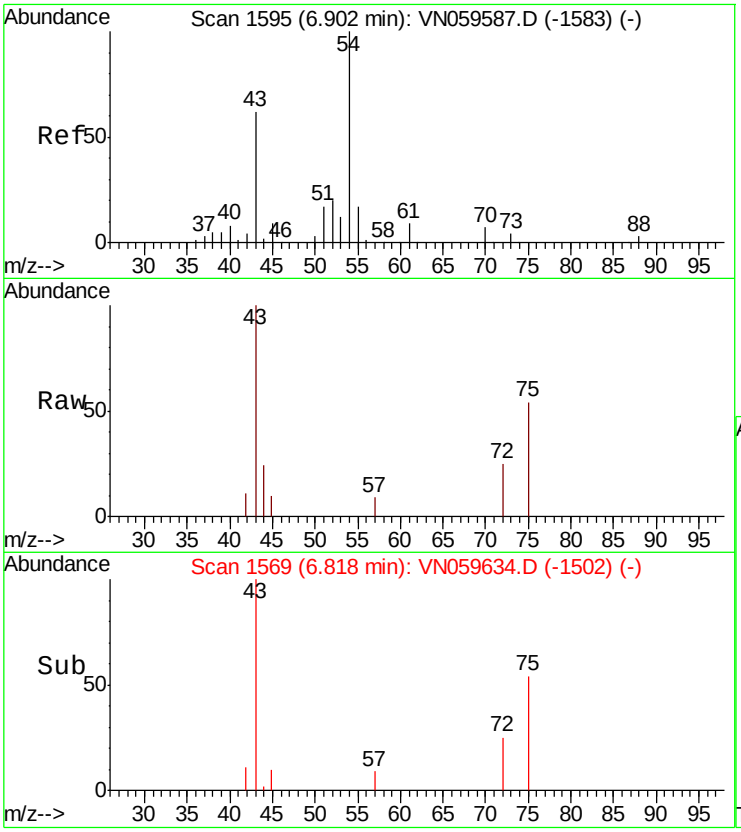


#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 75 Resp: 18870

Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.6	49.7#
77	0.0	25.1	37.7#



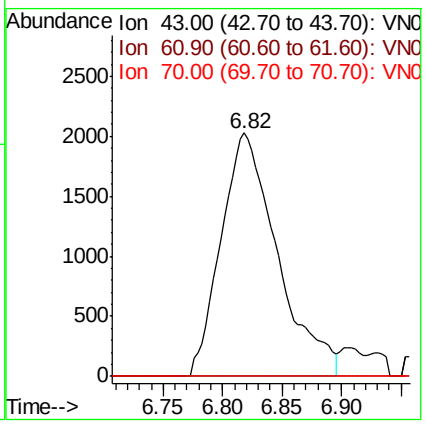


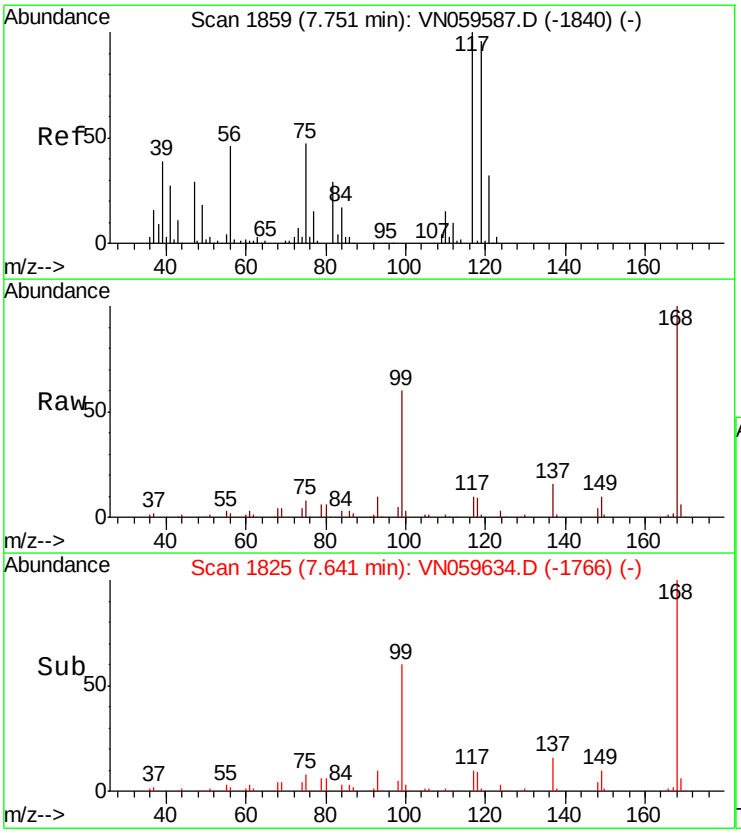
#37
Ethyl Acetate
Concen: 1.491 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.08 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 43 Resp: 6655

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#

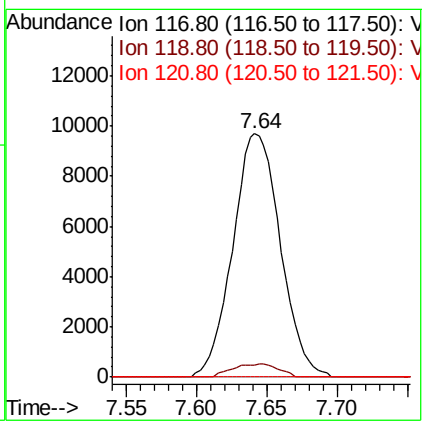


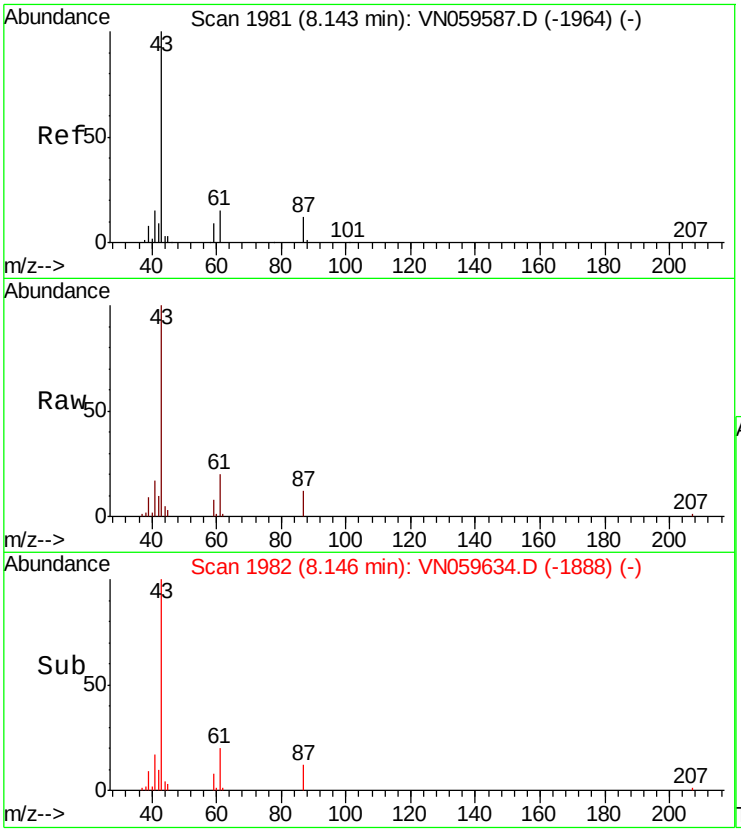


#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion:117 Resp: 22885

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.5	114.7#
121	0.0	25.1	37.7#



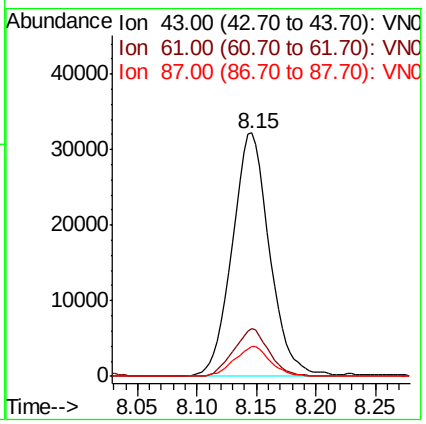


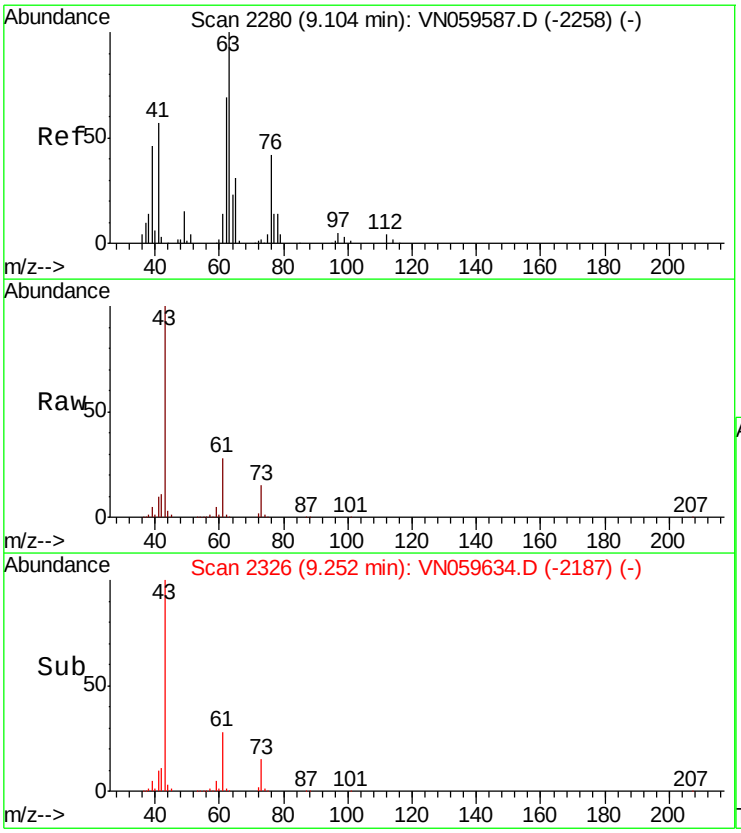
#43
Isopropyl Acetate
Concen: 10.101 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
11977

Tgt Ion: 43 Resp: 70078

Ion	Ratio	Lower	Upper
43	100		
61	18.4	20.2	30.2#
87	11.6	9.5	14.3

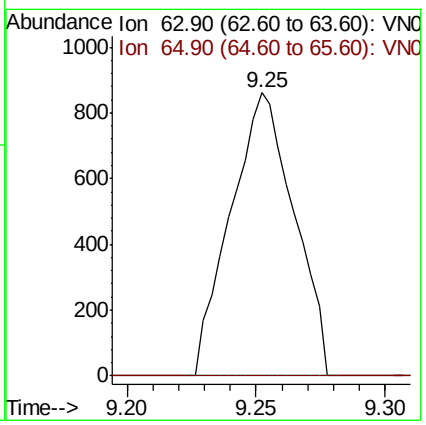


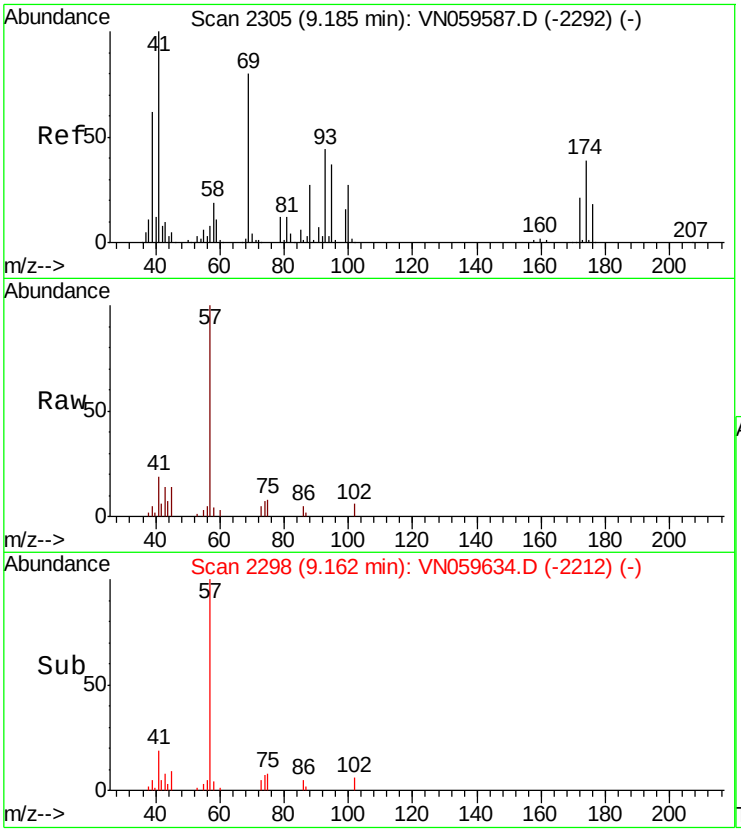


#45
1,2-Dichloropropane
Concen: 0.488 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.15 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 63 Resp: 1477

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.9	37.3#



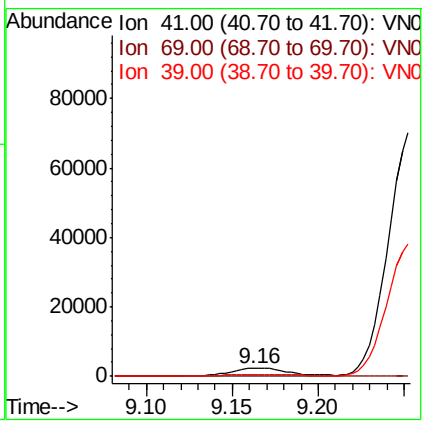


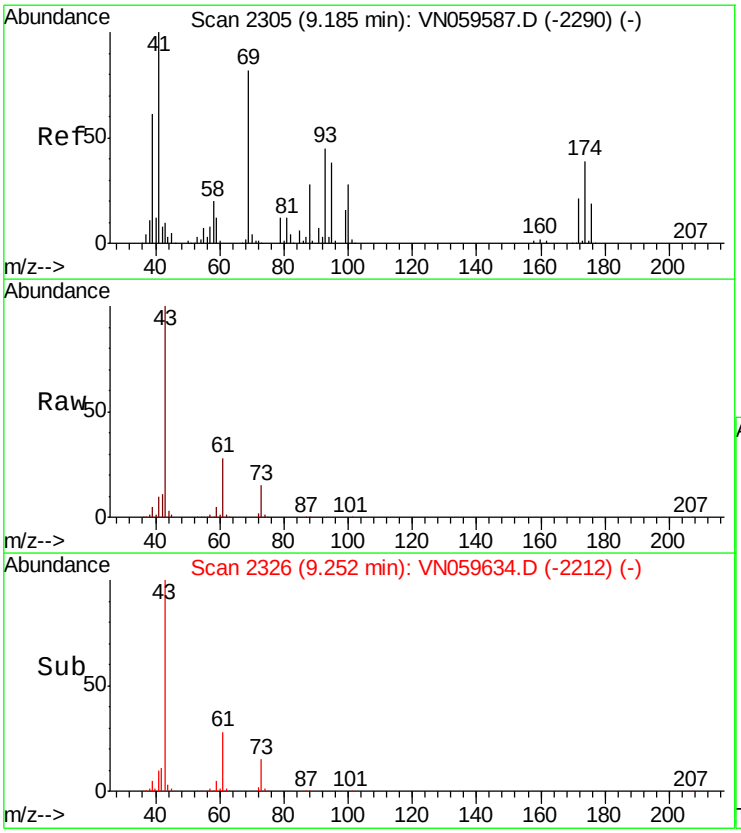
#48
Methyl methacrylate
Concen: 1.781 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.02 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 41 Resp: 5605

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

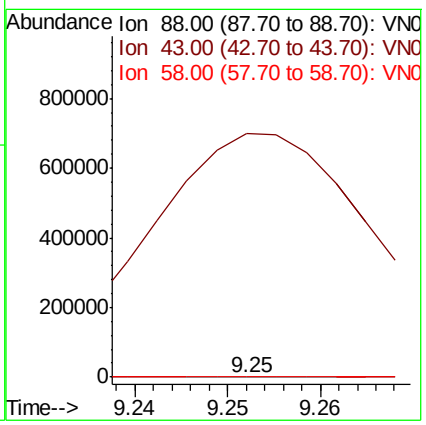


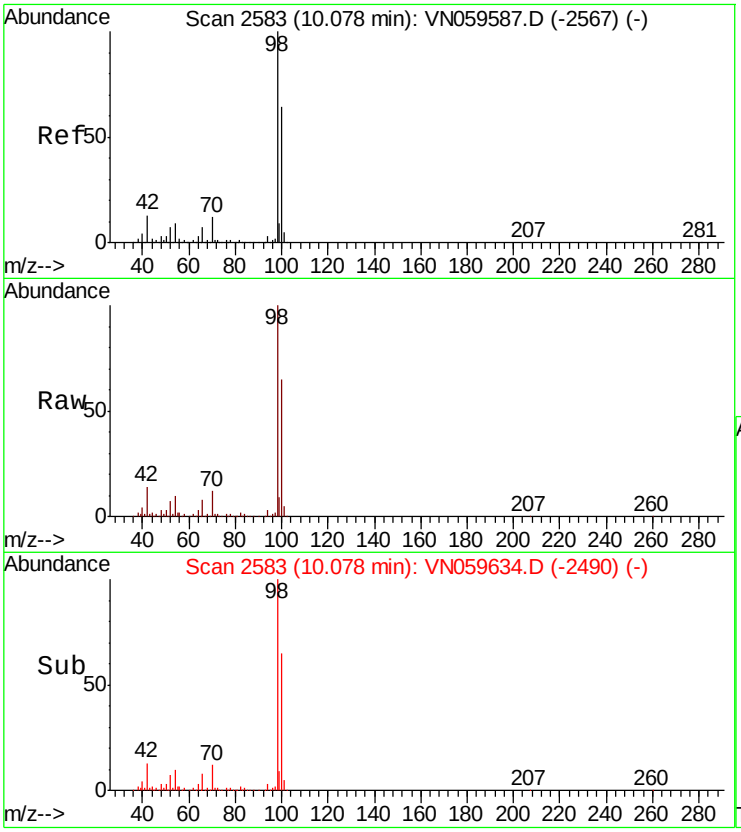


#49
1,4-Dioxane
Concen: 1.397 ug/l
RT: 9.25 min Scan# 2326
Delta R.T. 0.07 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	2016909.5	29.7	44.5#
58	8493.7	56.6	85.0#



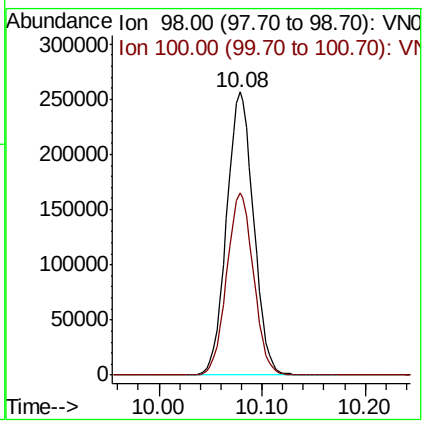


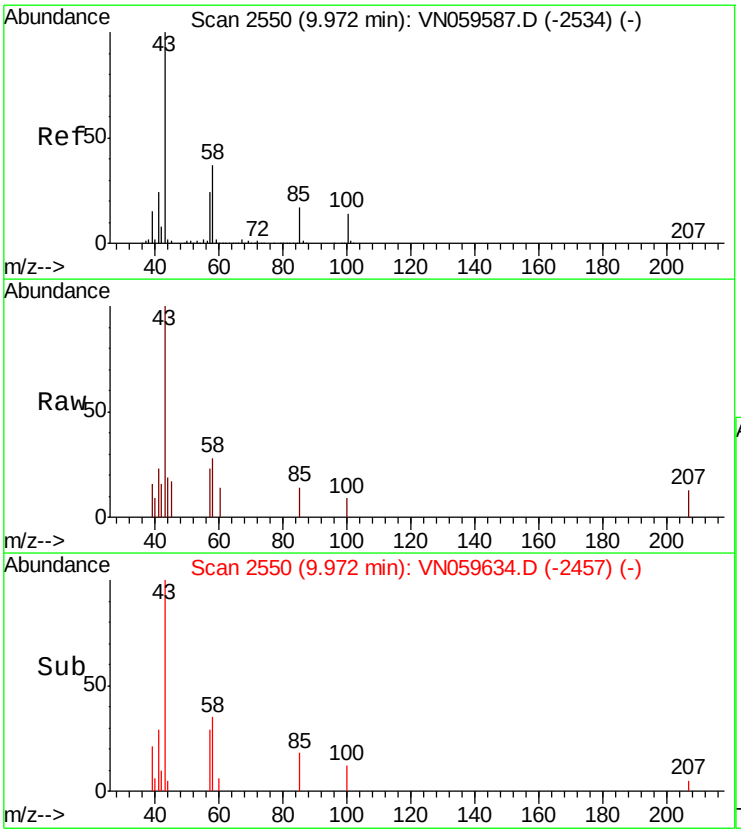
#50
Toluene-d8
Concen: 51.262 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 98 Resp: 467493

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8

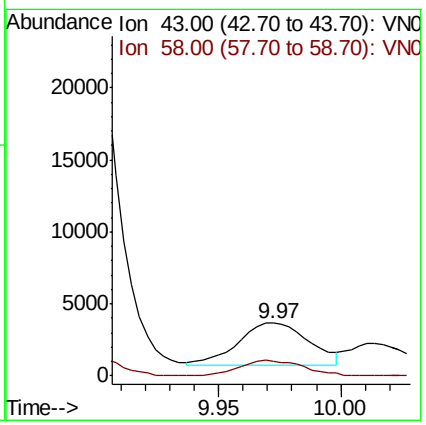


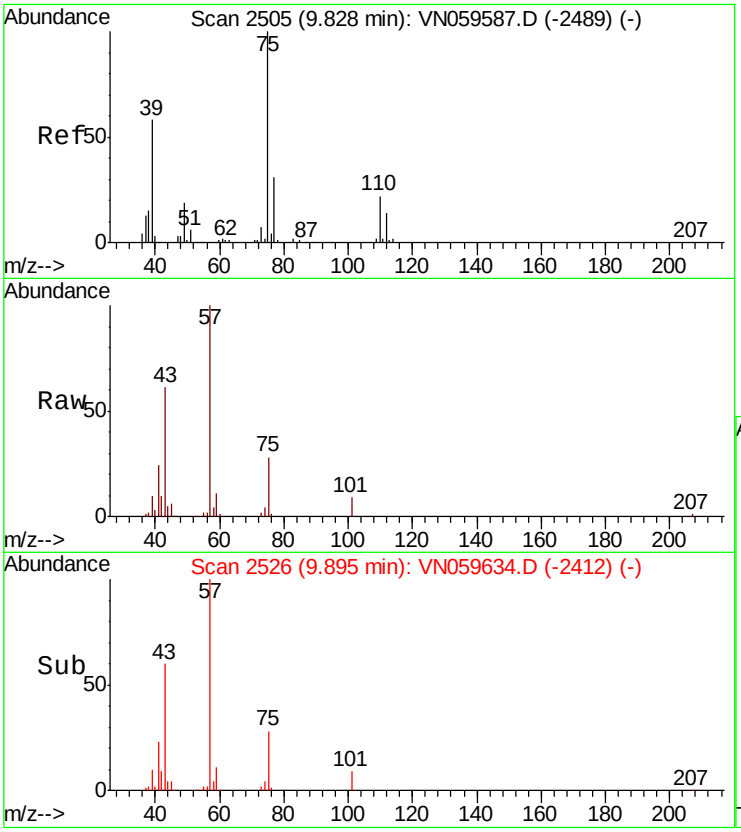


#51
4-Methyl-2-Pentanone
Concen: 1.431 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 43 Resp: 5920

Ion	Ratio	Lower	Upper
43	100		
58	33.8	29.8	44.8



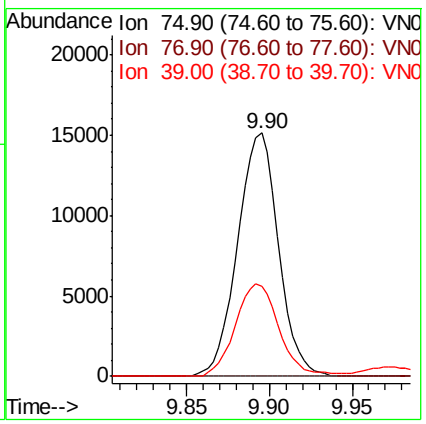


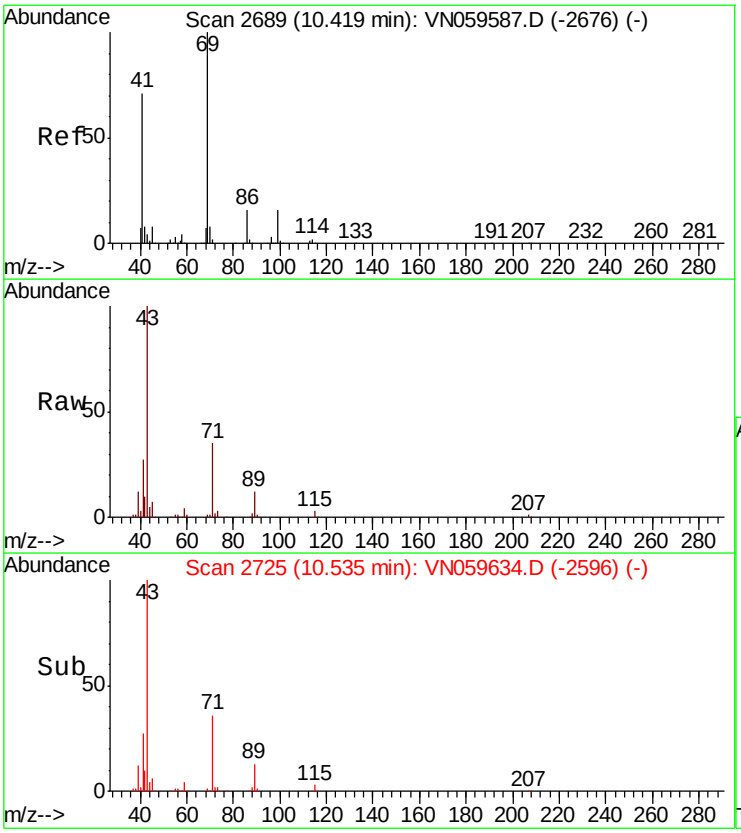
#54
cis-1,3-Dichloropropene
Concen: 5.396 ug/l
RT: 9.90 min Scan# 2526
Delta R.T. 0.07 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 75 Resp: 25958

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	37.2	46.1	69.1#

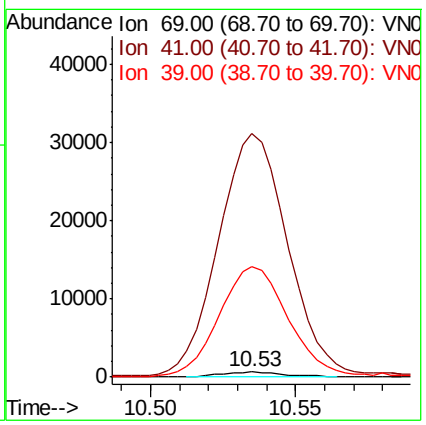


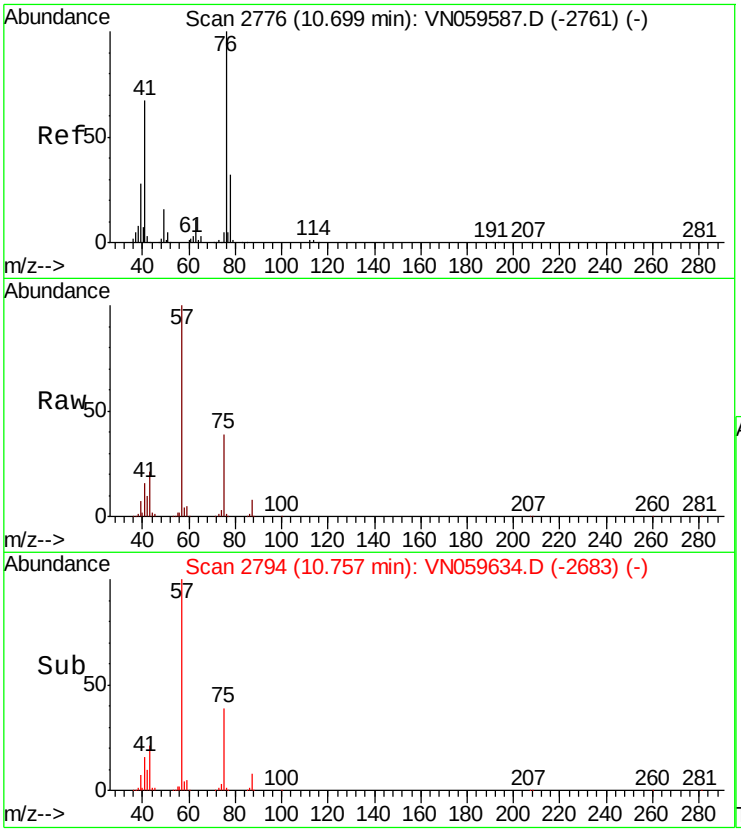


#56
Ethyl methacrylate
Concen: 0.240 ug/l
RT: 10.53 min Scan# 2725
Delta R.T. 0.12 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 69 Resp: 965

Ion	Ratio	Lower	Upper
69	100		
41	5472.0	57.1	85.7#
39	2435.2	34.7	52.1#



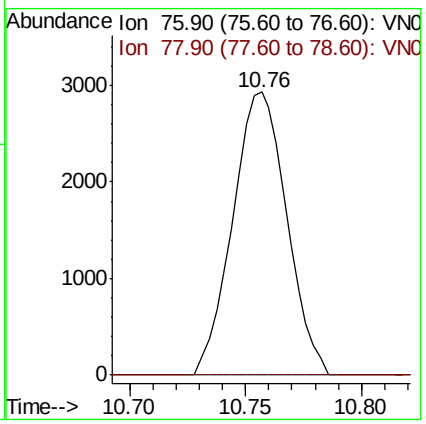


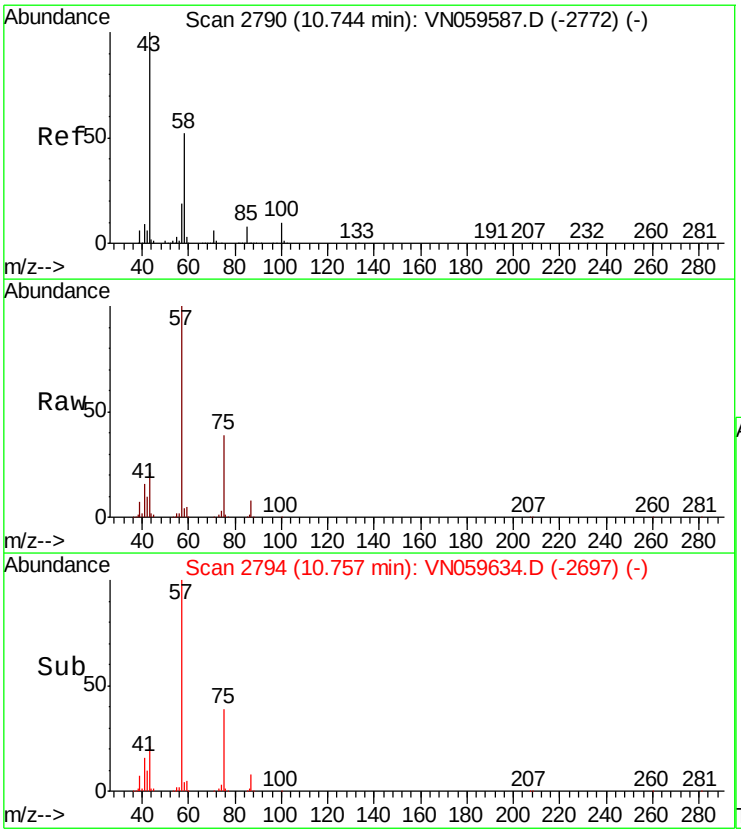
#57
1,3-Dichloropropane
Concen: 1.006 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.06 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 76 Resp: 4738

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

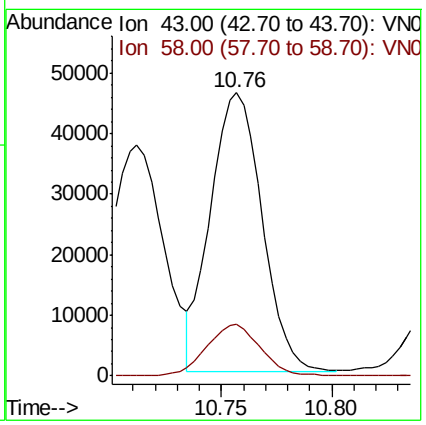


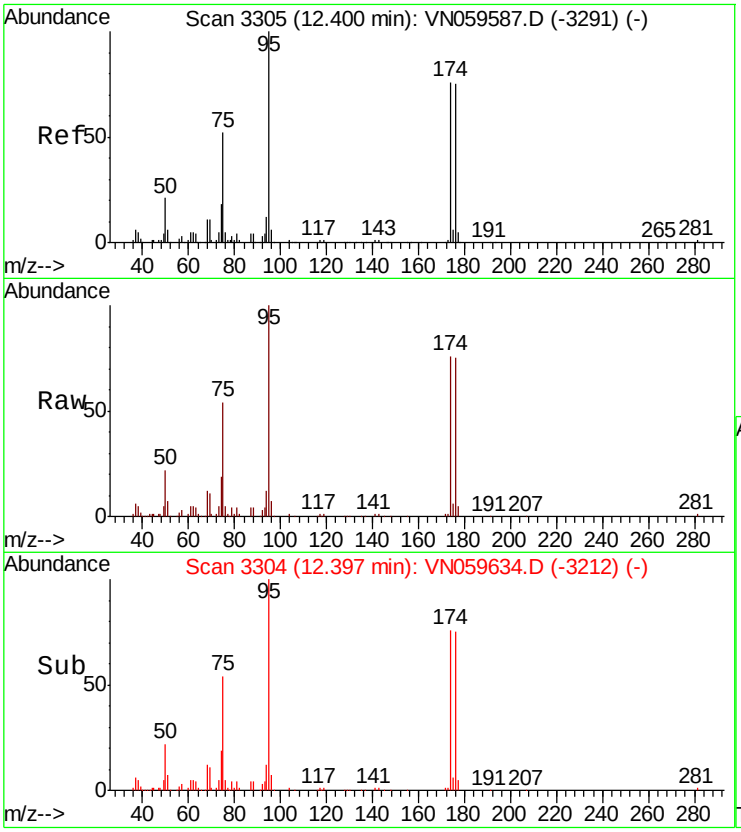


#59
2-Hexanone
Concen: 22.902 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 43 Resp: 74660

Ion	Ratio	Lower	Upper
43	100		
58	19.2	25.8	77.3#



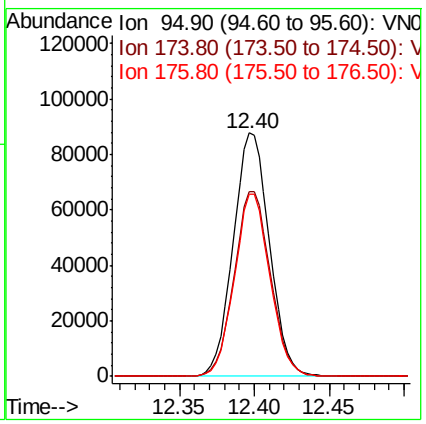


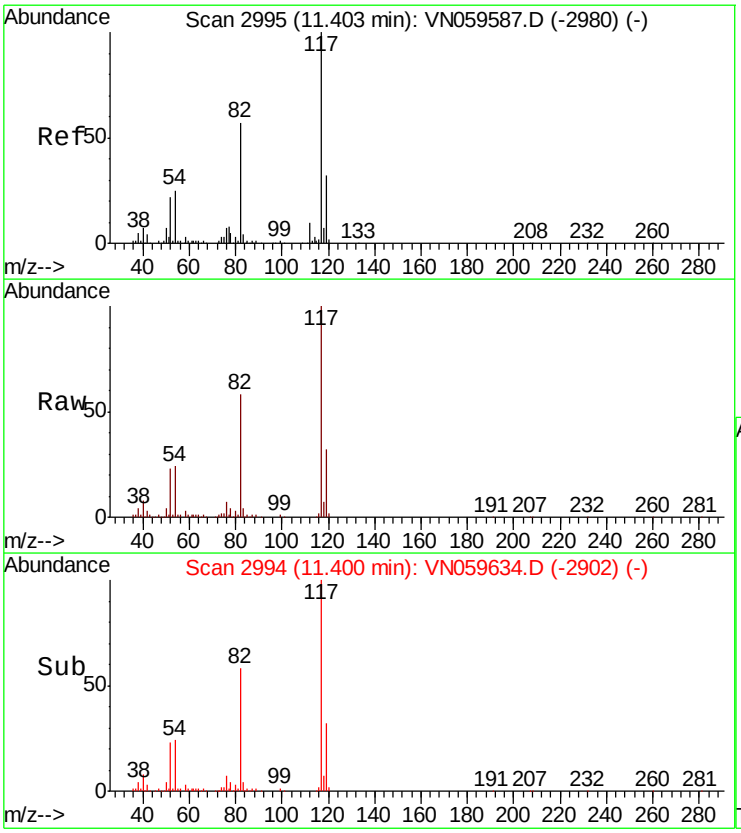
#62
4-Bromofluorobenzene
Concen: 44.401 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 95 Resp: 147753

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	151.4
176	73.9	0.0	146.0

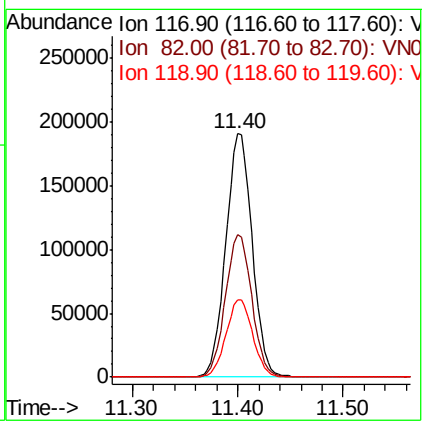


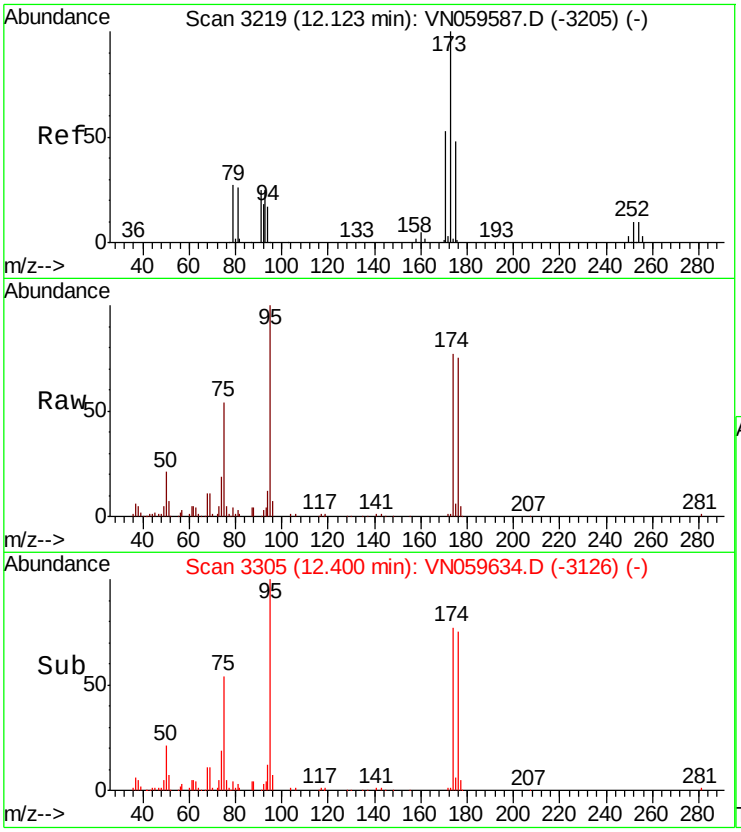


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion:117 Resp: 330389

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.9	68.9
119	31.8	25.5	38.3



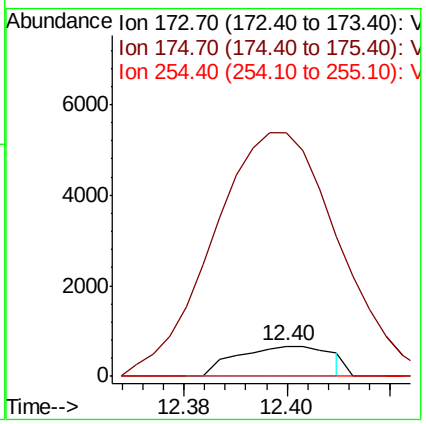


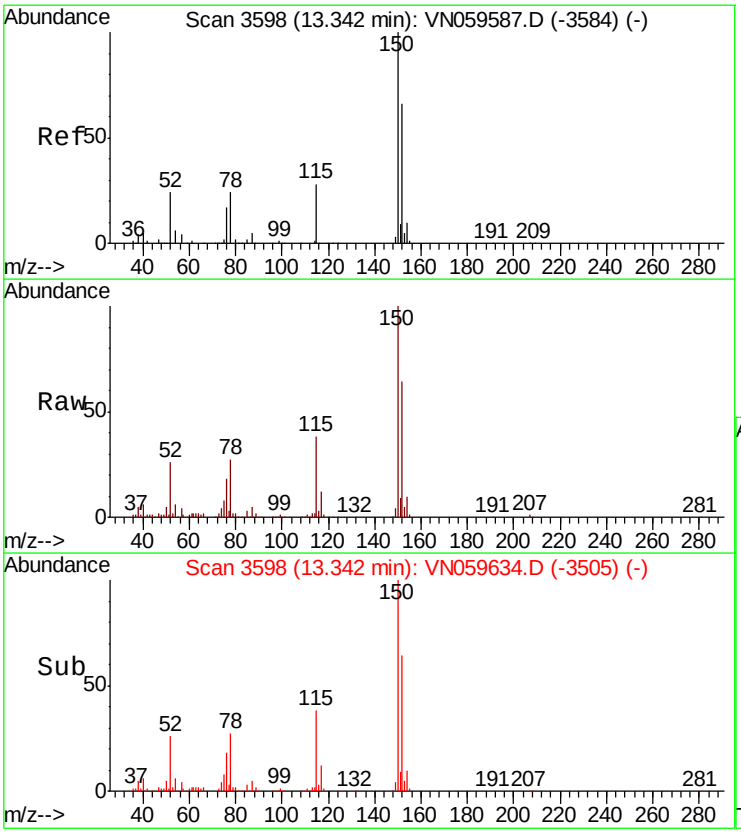
#71
Bromoform
Concen: 0.415 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion:173 Resp: 847

Ion	Ratio	Lower	Upper
173	100		
175	946.9	23.8	71.4#
254	0.0	0.0	0.0

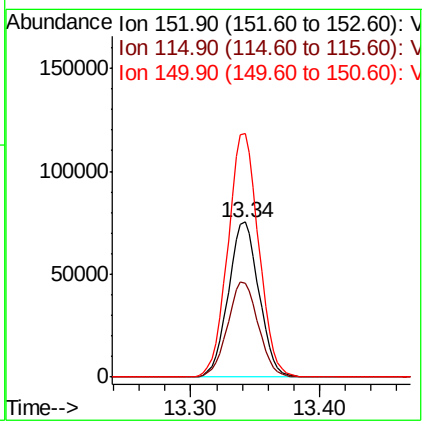


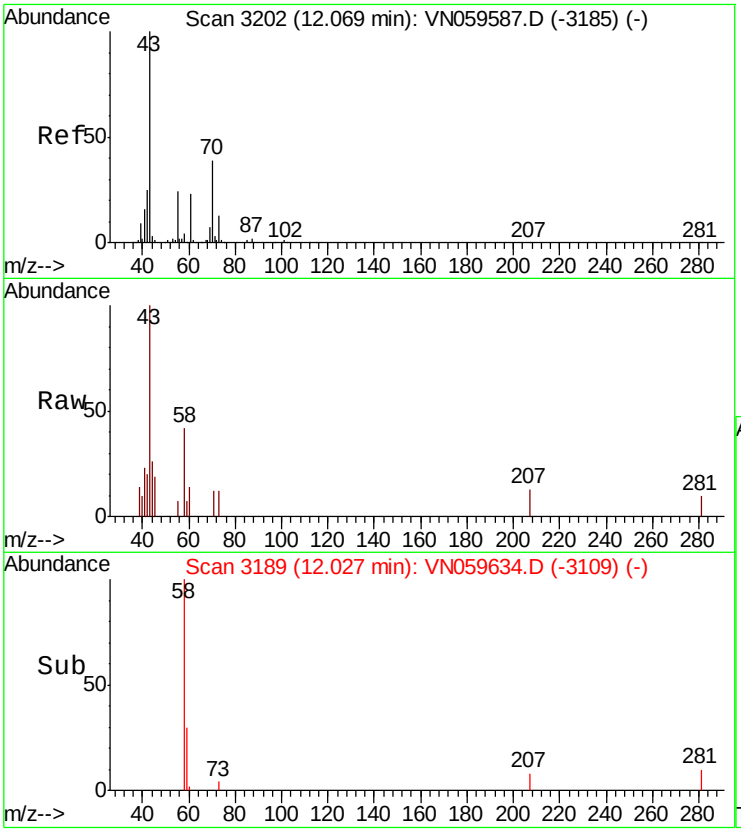


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion:152 Resp: 123985

Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.3	90.9
150	158.0	0.0	345.2



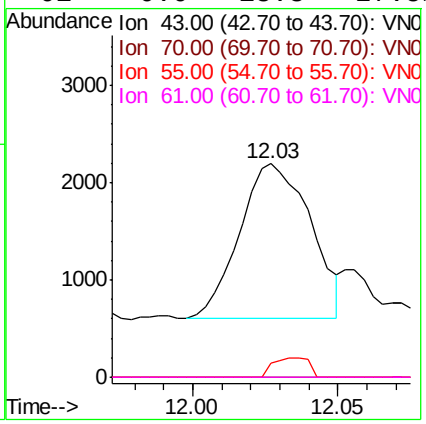


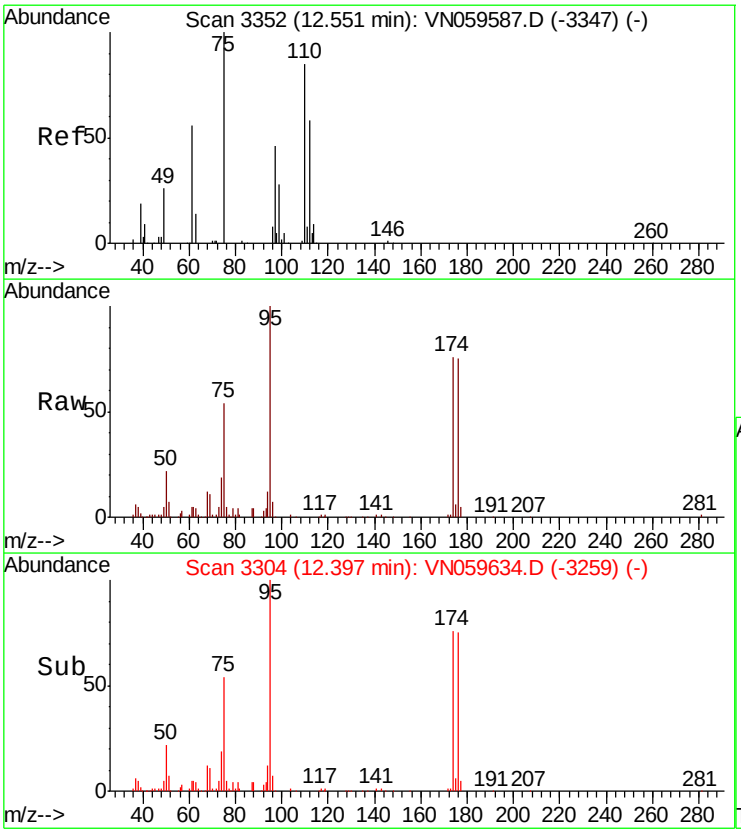
#74
N-amyl acetate
Concen: 0.607 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument : MSVOA_N
ClientSampleId : 11977

Tgt Ion: 43 Resp: 2709

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.3	46.9#
55	6.4	19.8	29.6#
61	0.0	18.3	27.5#

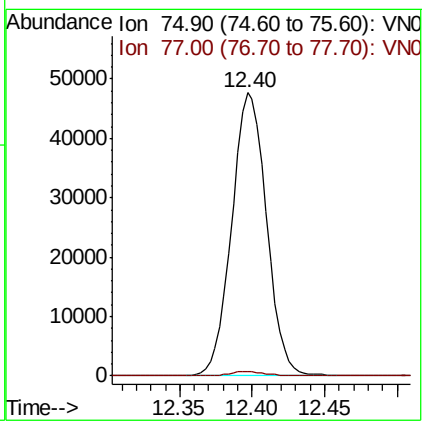


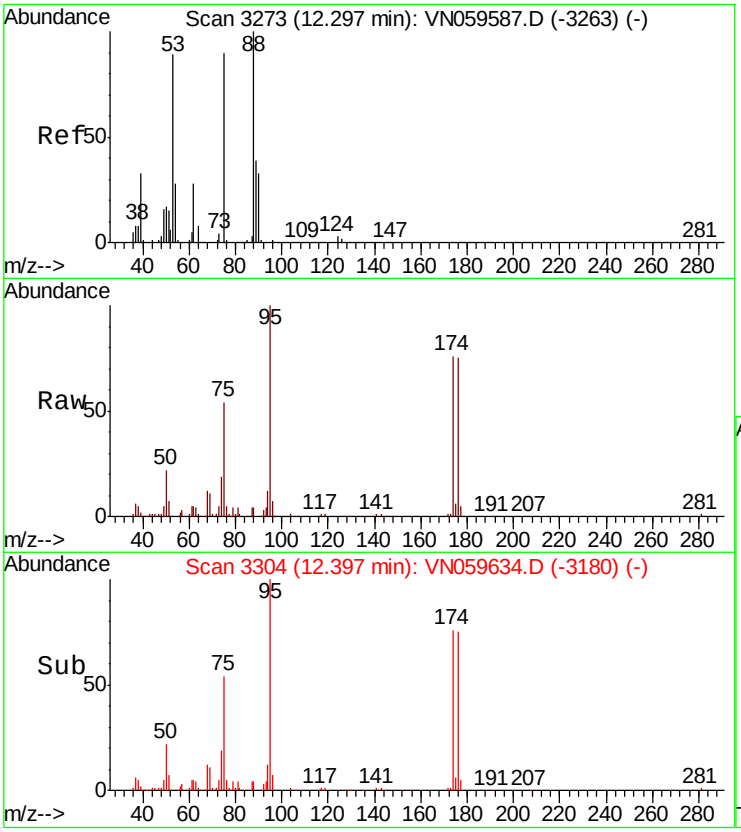


#76
1,2,3-Trichloropropane
Concen: 25.877 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.15 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 75 Resp: 79424

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



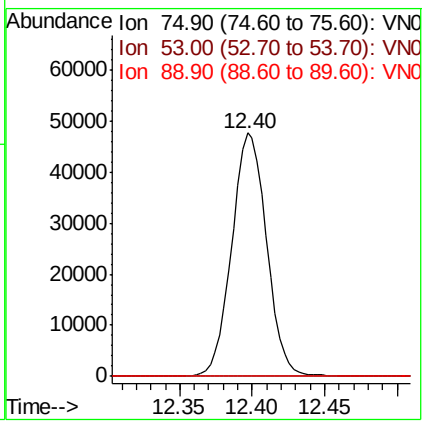


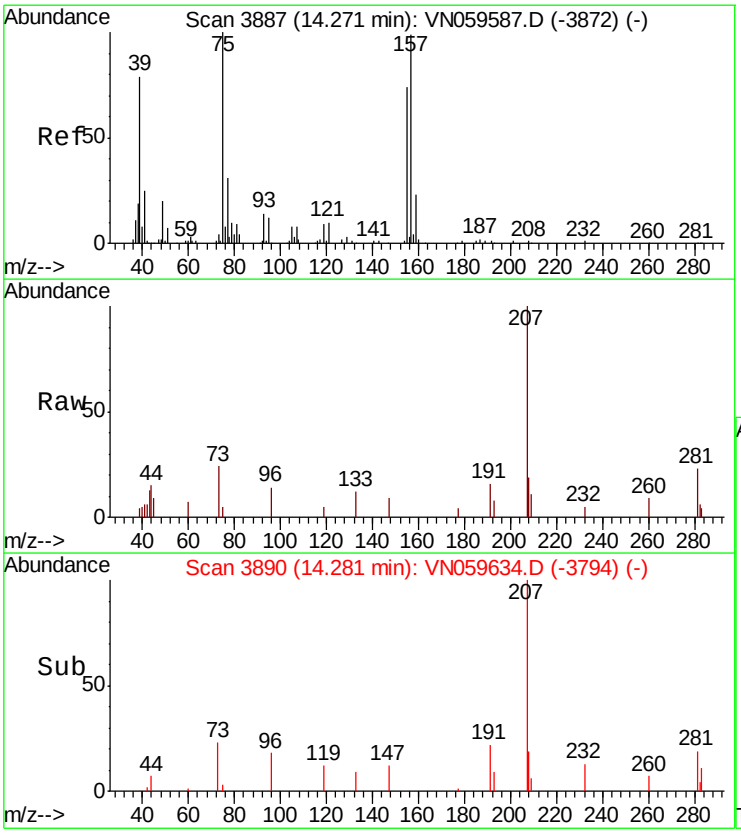
#81
trans-1,4-Dichloro-2-butene
Concen: 63.913 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
11977

Tgt Ion: 75 Resp: 79424

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.018 ug/l
RT: 14.28 min Scan# 3890
Delta R.T. 0.01 min
Lab File: VN059634.D
Acq: 17 Dec 2019 18:48

Tgt Ion: 75 Resp: 354

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