Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103020\
Data File : VN064406.D
Acq On : 30 Oct 2020 17:40
Operator : JC/MD
Sample : L4222-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Quant Time: Nov 02 02:07:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	200353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	370445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	374999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	169250	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.14%			
35) Dibromofluoromethane	7.55	113	123134	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.68%			
50) Toluene-d8	10.06	98	475851	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.16%			
62) 4-Bromofluorobenzene	12.37	95	198178	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.26%			
Target Compounds						Qvalue
13) Acrolein	3.54	56	59	18.220	ug/l #	10
16) Acetone	3.78	43	20773	11.929	ug/l	95
18) Methyl Acetate	4.29	43	2710	1.120	ug/l #	66
20) Methylene Chloride	4.51	84	11577	5.070	ug/l #	89
25) 2-Butanone	6.79	43	518	0.320	ug/l #	52
31) Cyclohexane	7.61	56	2564	0.686	ug/l #	31
36) 1,1-Dichloropropene	7.62	75	18480	4.943	ug/l #	49
38) Carbon Tetrachloride	7.62	117	23662	5.459	ug/l #	18
43) Isopropyl Acetate	8.13	43	70195	10.874	ug/l #	89
45) 1,2-Dichloropropane	9.23	63	924	0.332	ug/l #	44
48) Methyl methacrylate	9.15	41	4198	1.260	ug/l #	15
49) 1,4-Dioxane	9.24	88	66	1.344	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	5275	1.406	ug/l	93
54) cis-1,3-Dichloropropene	9.87	75	27903	5.934	ug/l #	62
56) Ethyl methacrylate	10.52	69	1369	0.349	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	4070	0.920	ug/l #	42
59) 2-Hexanone	10.74	43	69811	25.260	ug/l #	50
74) N-amyl acetate	12.00	43	1837	0.362	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	112550	30.536	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	112550	87.959	ug/l #	8
95) Naphthalene	15.11	128	1210	2.525	ug/l #	73

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103020\
Data File : VN064406.D
Acq On : 30 Oct 2020 17:40
Operator : JC/MD
Sample : L4222-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
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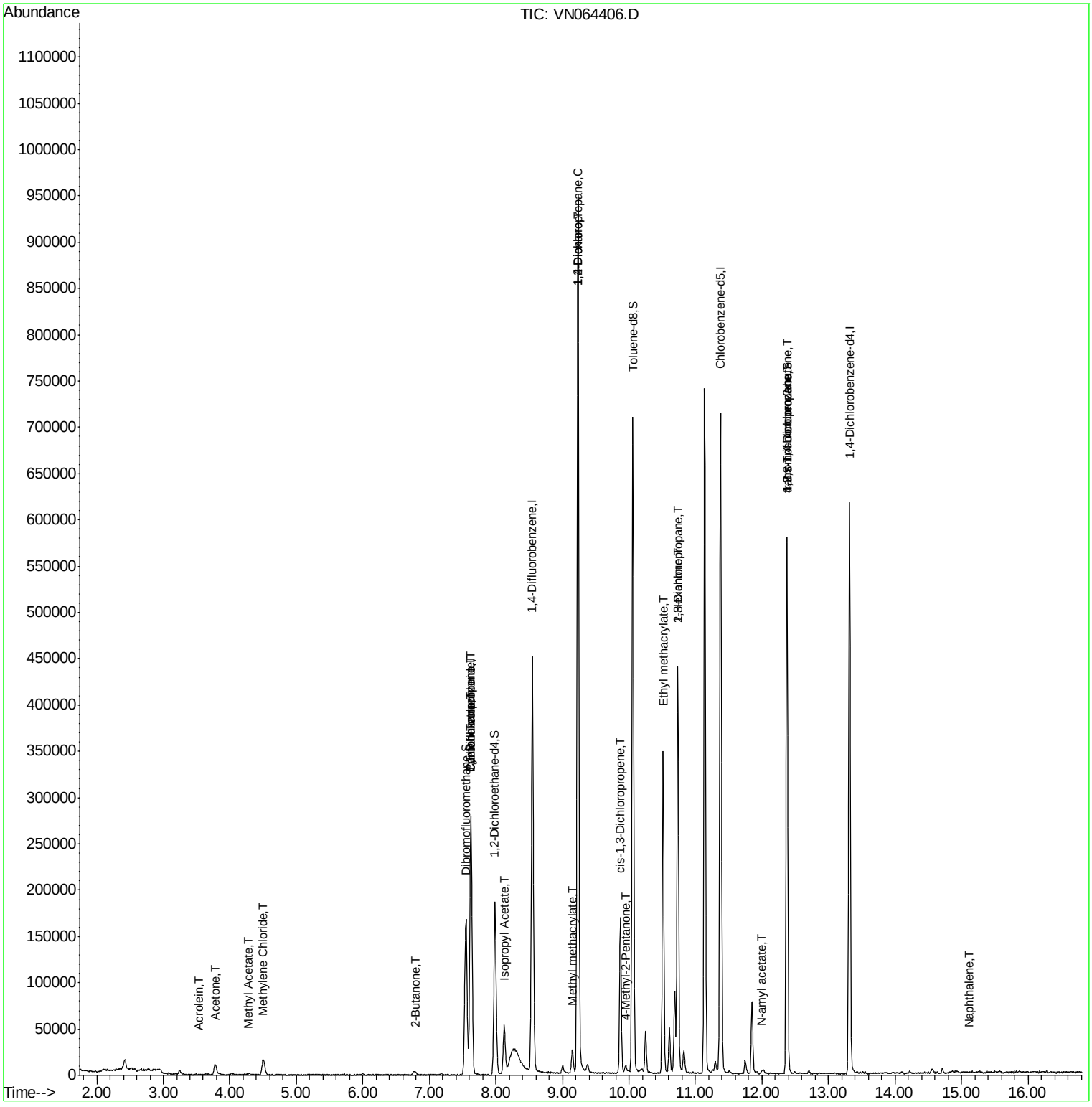
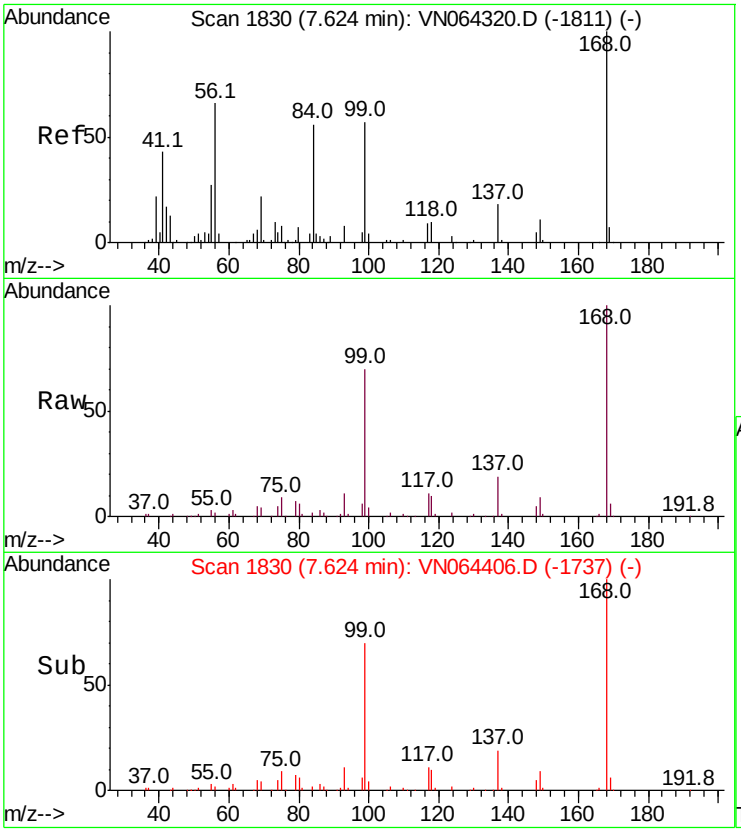
Quant Time: Nov 02 02:07:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration



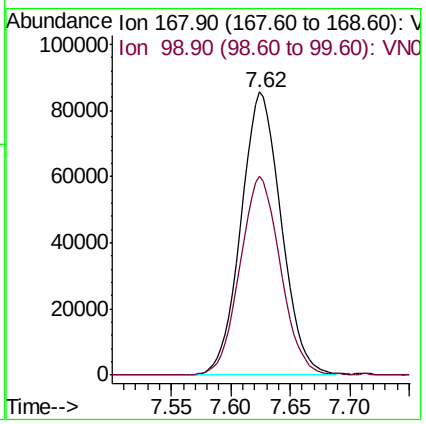


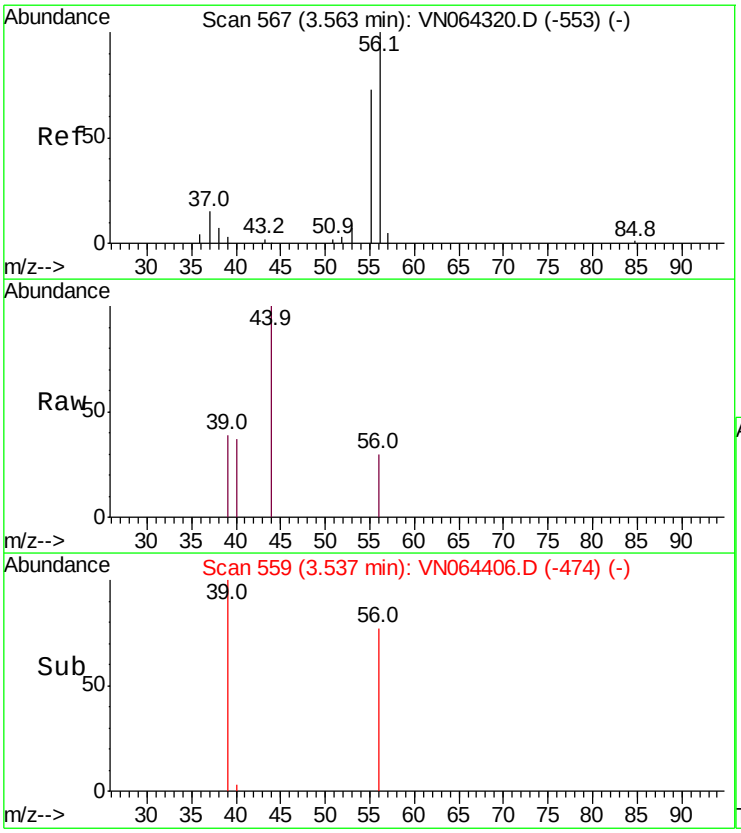
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
EO-02-102920

Tgt Ion:168 Resp: 200353

Ion	Ratio	Lower	Upper
168	100		
99	70.4	52.7	79.1

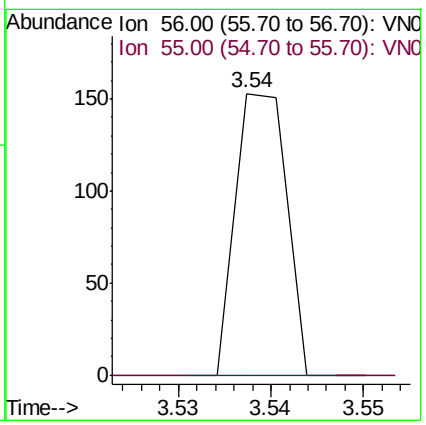


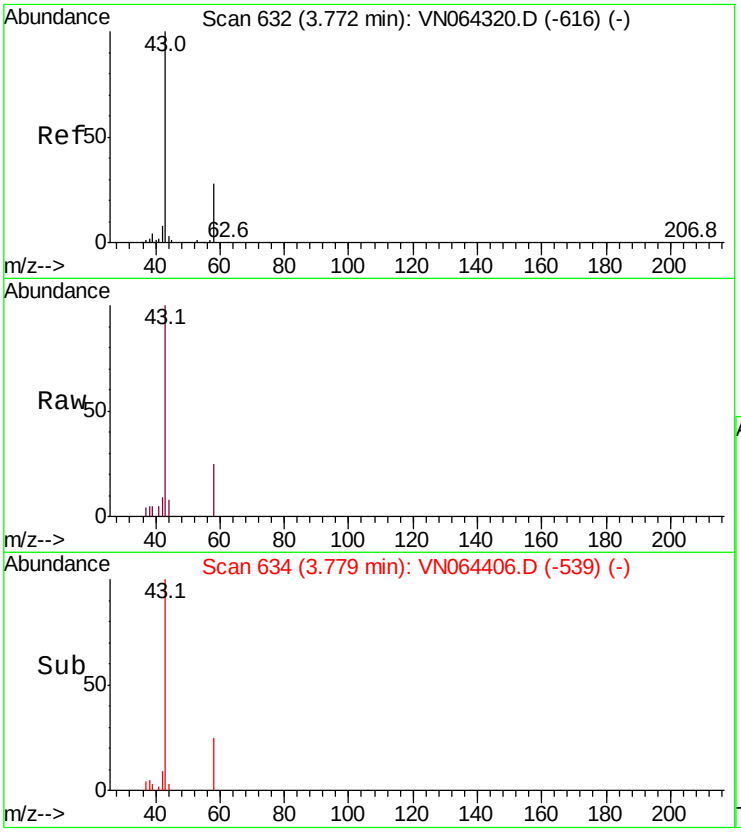


#13
Acrolein
Concen: 18.220 ug/l
RT: 3.54 min Scan# 559
Delta R.T. -0.03 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 56 Resp: 59

Ion	Ratio	Lower	Upper
56	100		
55	0.0	62.6	94.0#



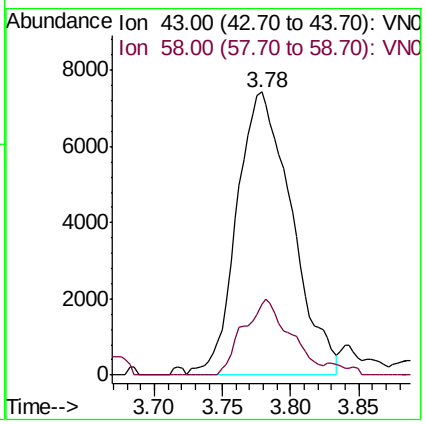


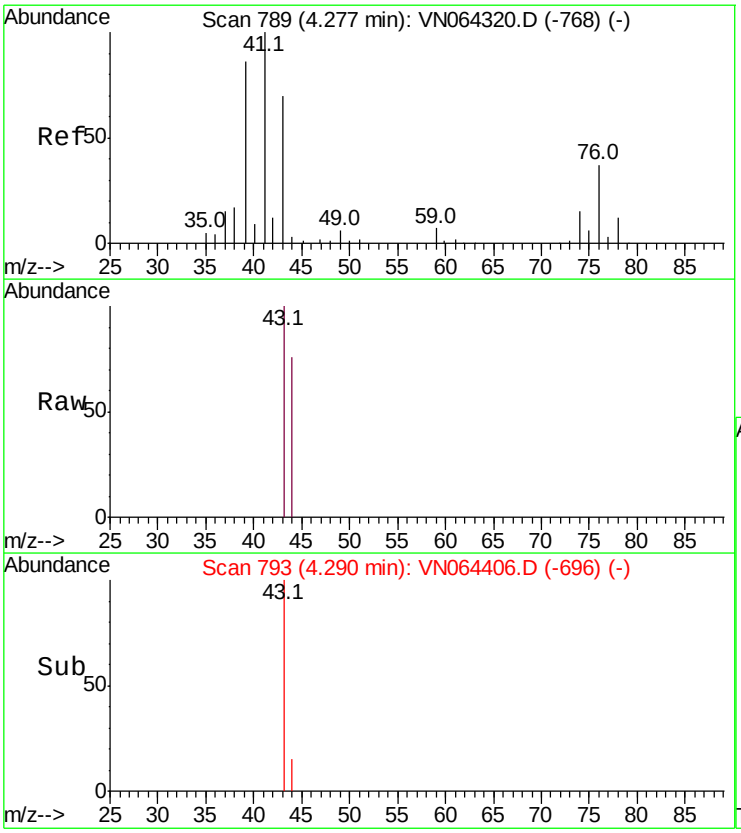
#16
Acetone
Concen: 11.929 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 43 Resp: 20773

Ion	Ratio	Lower	Upper
43	100		
58	25.1	22.1	33.1

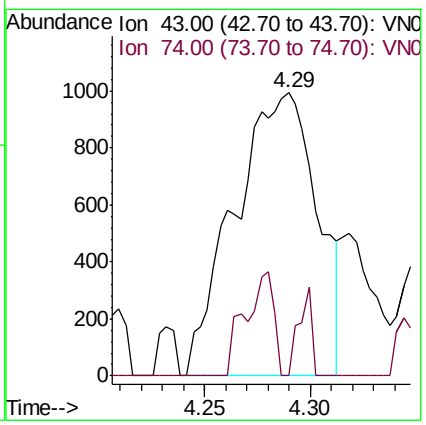


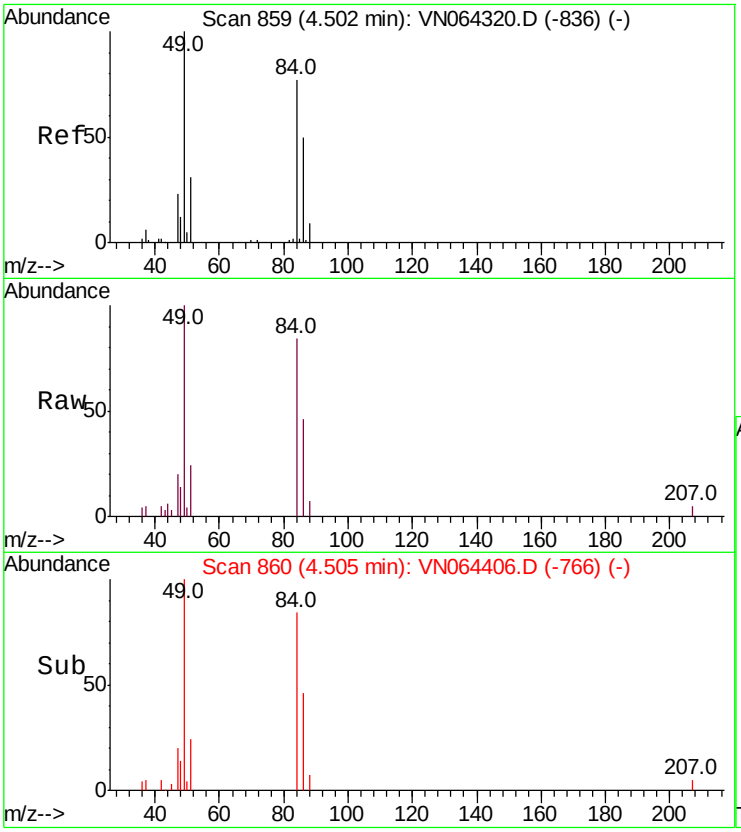


#18
Methyl Acetate
Concen: 1.120 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 43 Resp: 2710

Ion	Ratio	Lower	Upper
43	100		
74	4.8	16.7	25.1#



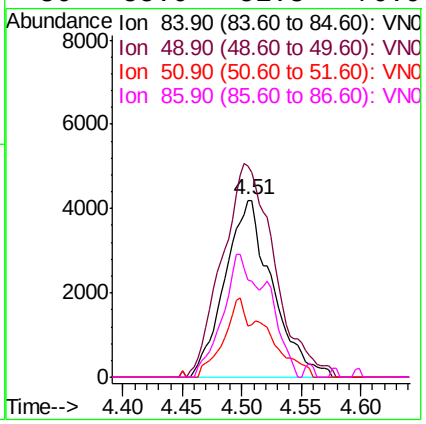


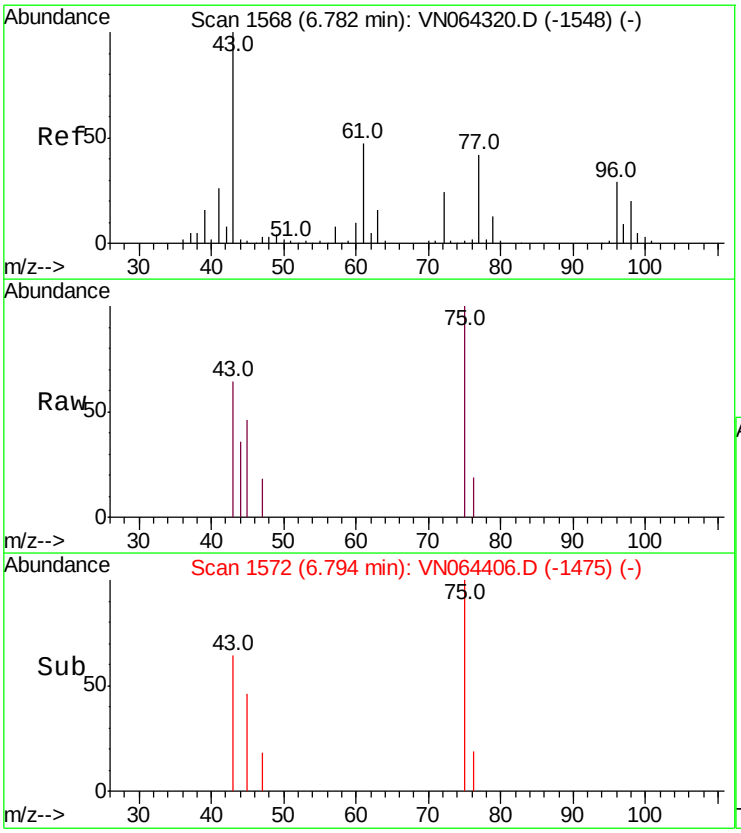
#20
Methylene Chloride
Concen: 5.070 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 84 Resp: 11577

Ion	Ratio	Lower	Upper
84	100		
49	119.1	103.6	155.4
51	29.0	31.8	47.8#
86	55.0	51.3	76.9

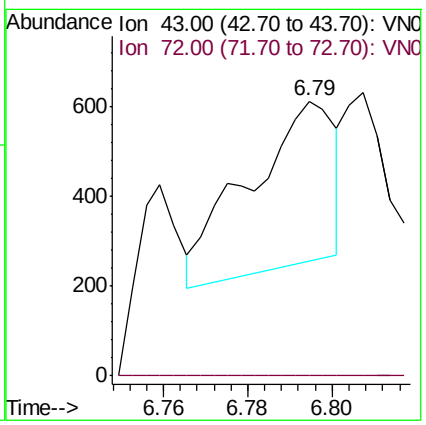


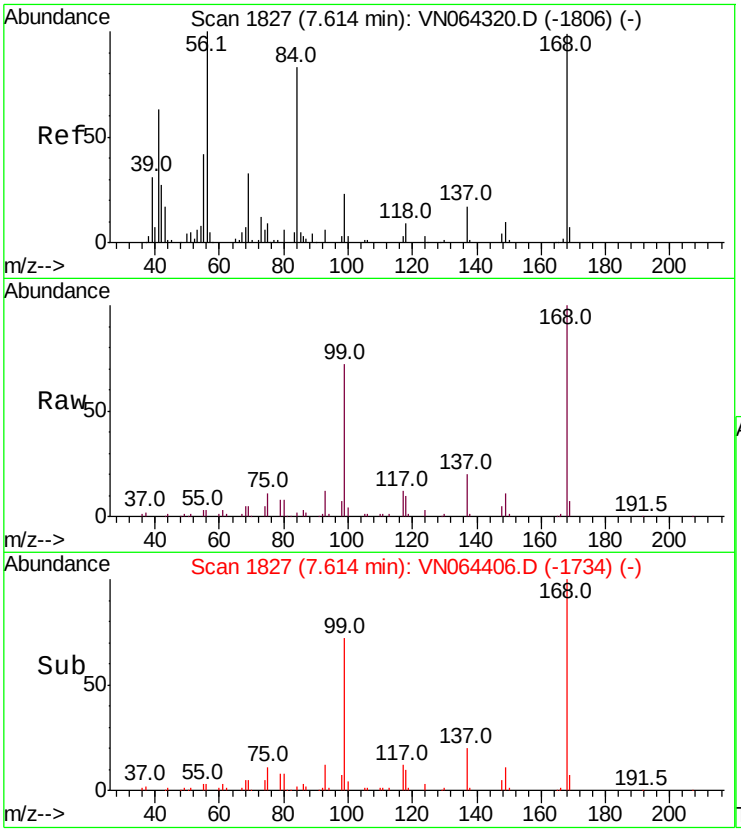


#25
2-Butanone
Concen: 0.320 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 43 Resp: 518

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.8	28.2#



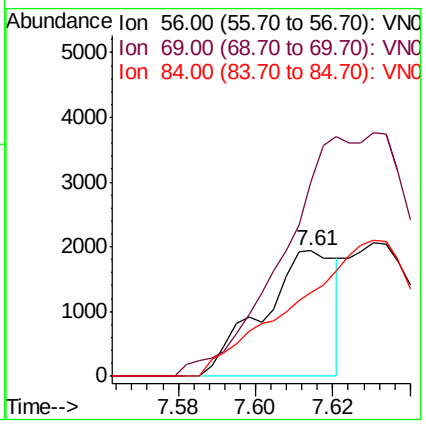


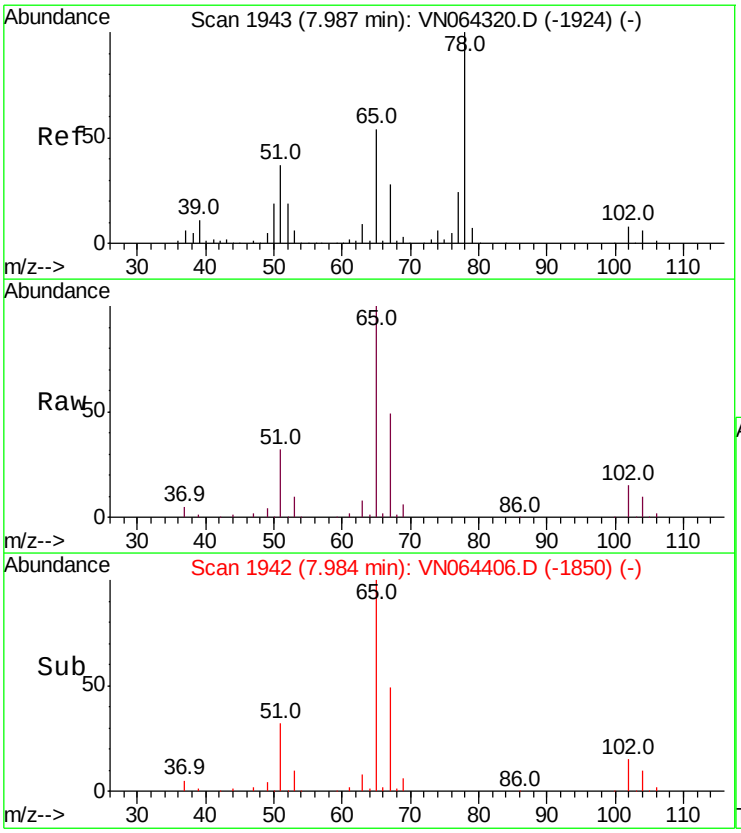
#31
Cyclohexane
Concen: 0.686 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 56 Resp: 2564

Ion	Ratio	Lower	Upper
56	100		
69	145.0	25.8	38.8#
84	66.6	66.3	99.5

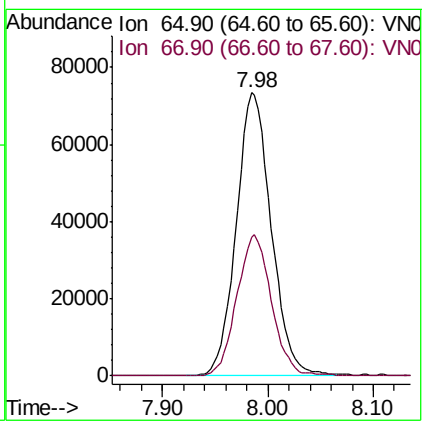


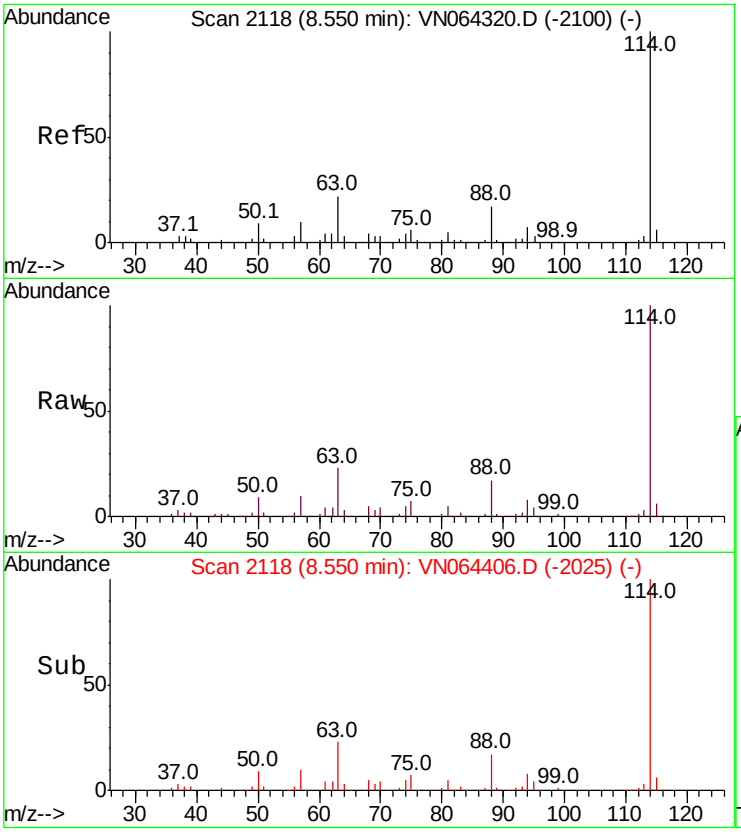


#33
1,2-Dichloroethane-d4
Concen: 52.568 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 65 Resp: 169250

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.2



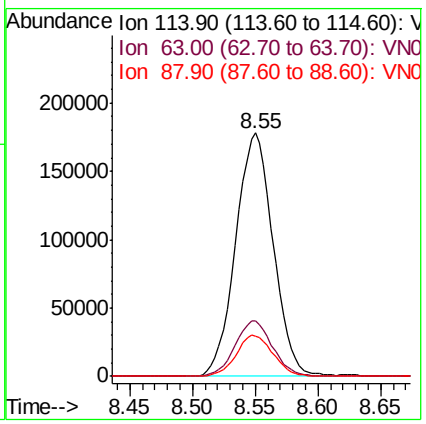


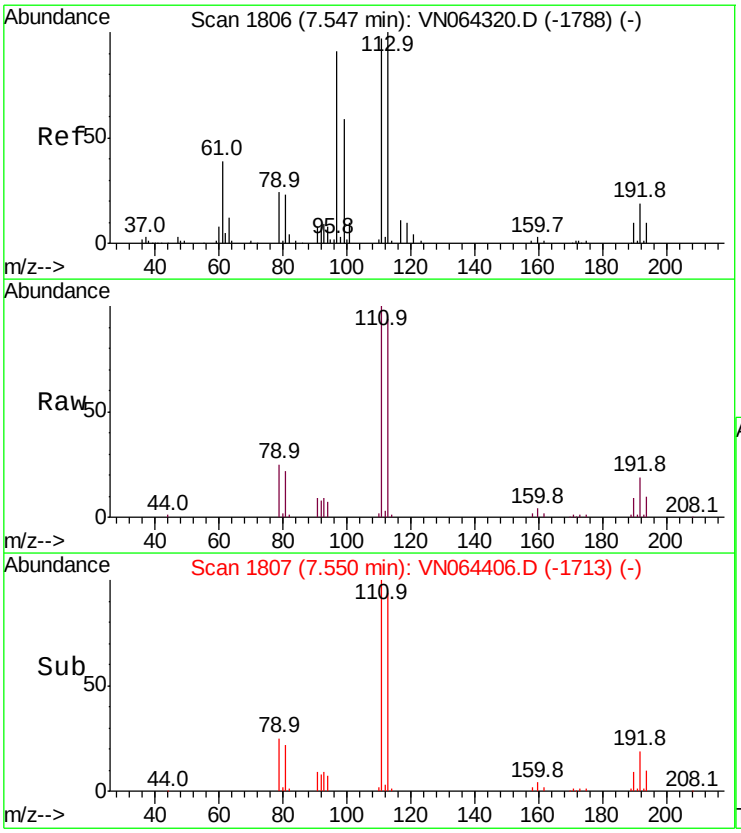
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
EO-02-102920

Tgt Ion:114 Resp: 370445

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	44.6
88	16.6	0.0	33.4

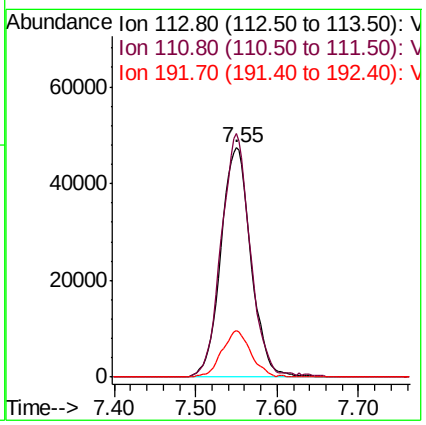


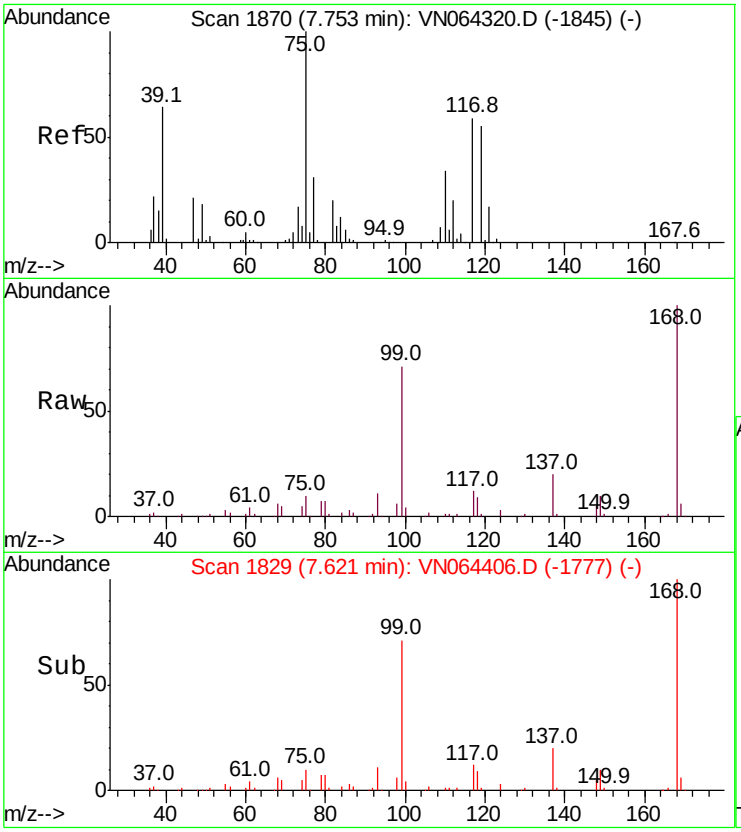


#35
Dibromofluoromethane
Concen: 49.844 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion:113 Resp: 123134

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.5	122.3
192	19.4	15.0	22.4



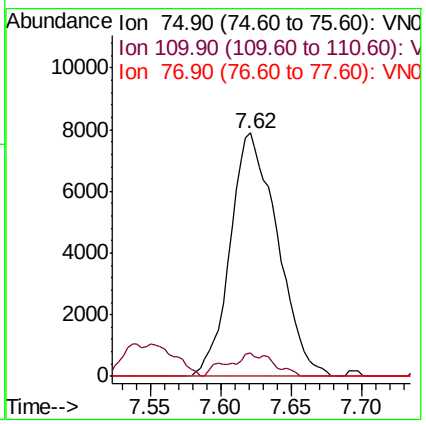


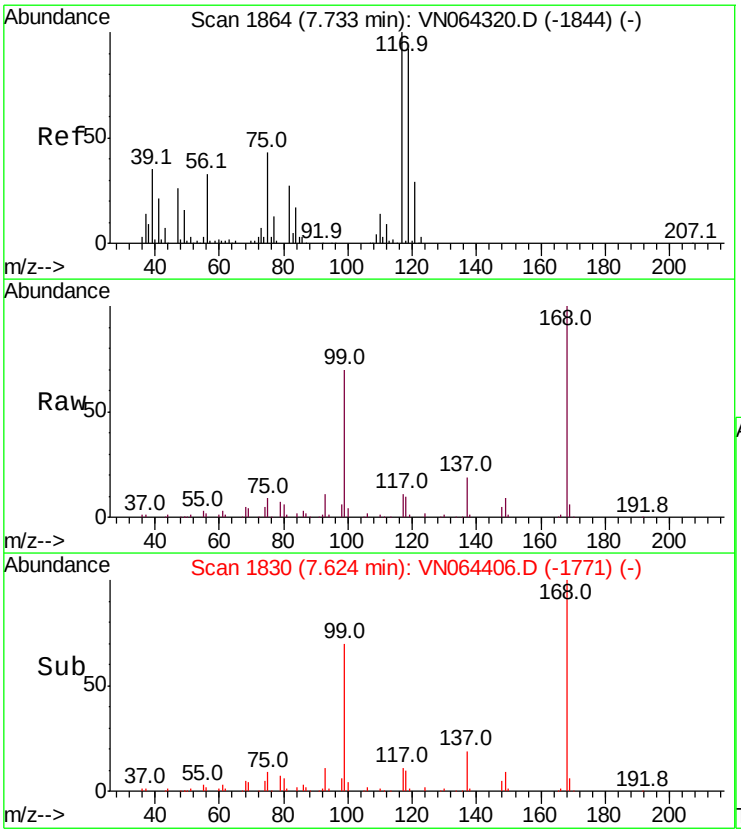
#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.13 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
EO-02-102920

Tgt Ion: 75 Resp: 18480

Ion	Ratio	Lower	Upper
75	100		
110	6.5	16.8	50.3#
77	0.0	24.2	36.4#

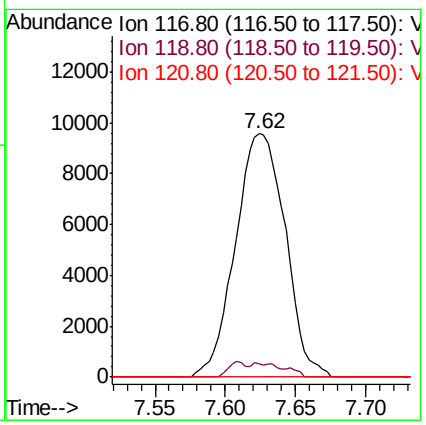


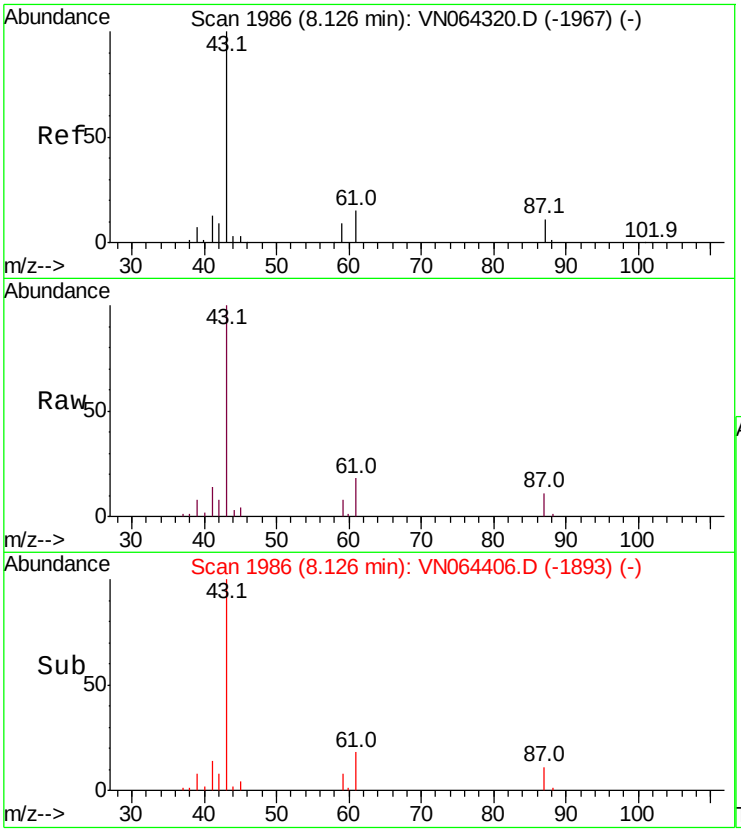


#38
Carbon Tetrachloride
Concen: 5.459 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion:117 Resp: 23662

Ion	Ratio	Lower	Upper
117	100		
119	5.5	73.7	110.5#
121	0.0	22.8	34.2#



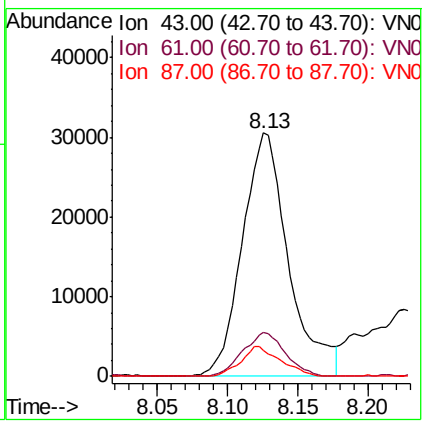


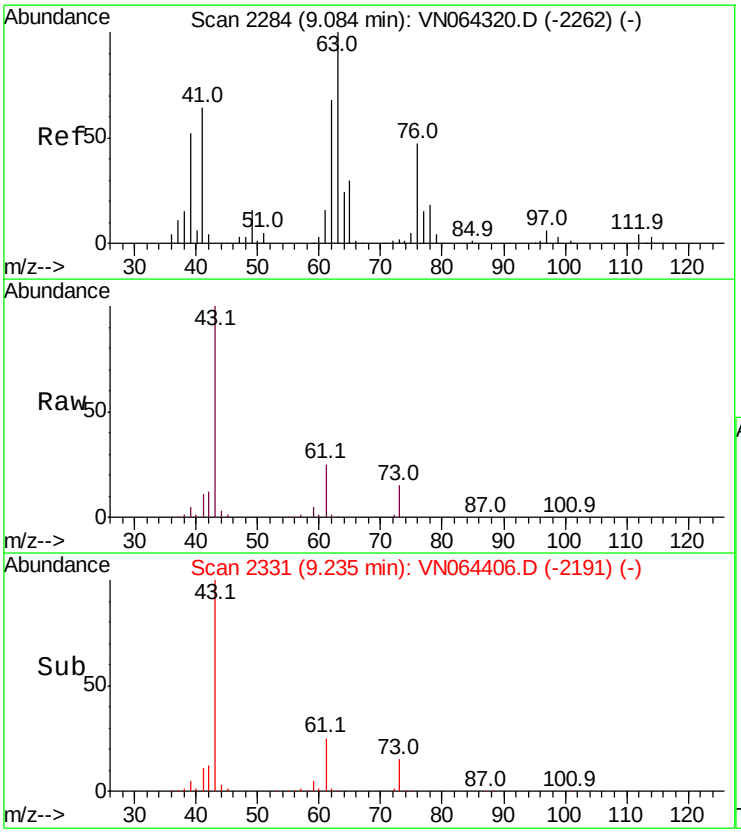
#43
Isopropyl Acetate
Concen: 10.874 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 43 Resp: 70195

Ion	Ratio	Lower	Upper
43	100		
61	16.4	19.1	28.7#
87	10.4	9.3	13.9

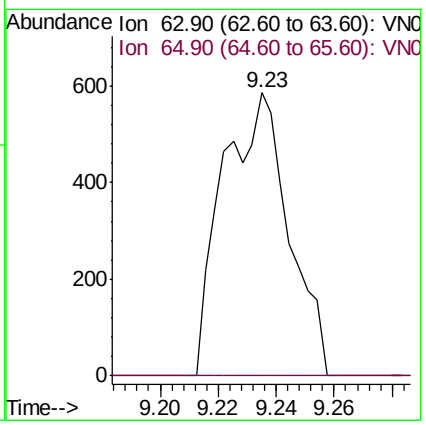


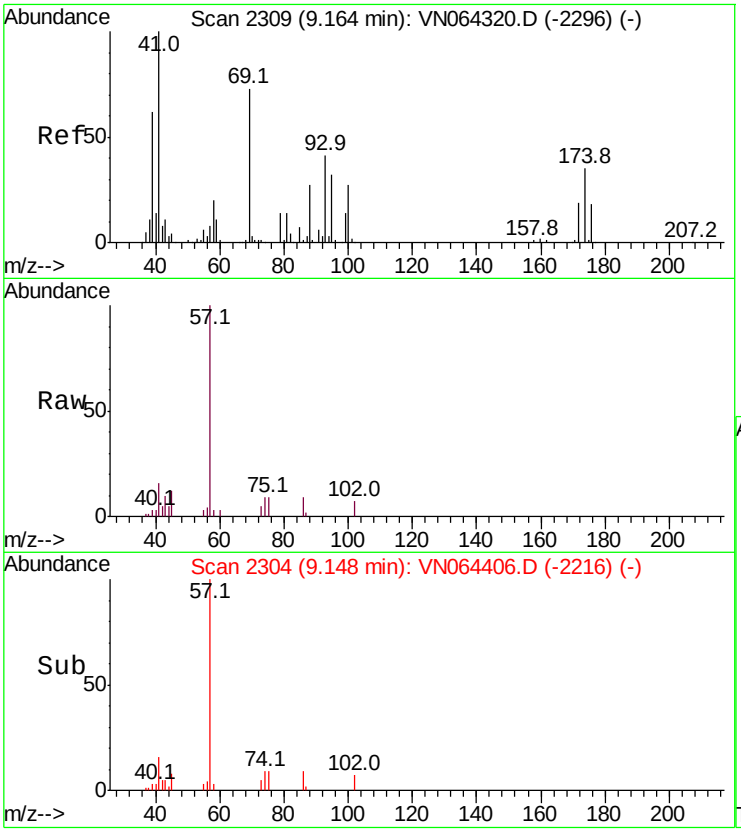


#45
1,2-Dichloropropane
Concen: 0.332 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 63 Resp: 924

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.3	36.5#



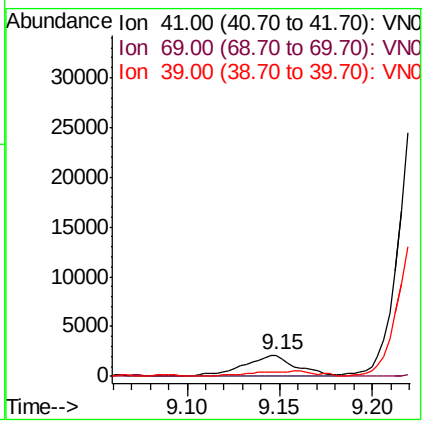


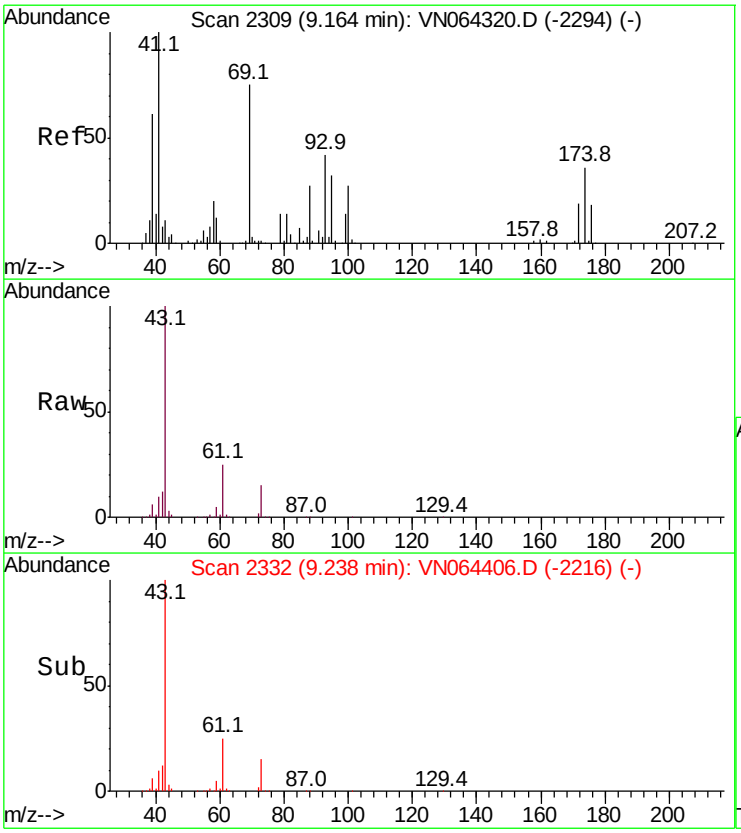
#48
Methyl methacrylate
Concen: 1.260 ug/l
RT: 9.15 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 41 Resp: 4198

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	0.0	51.3	76.9#

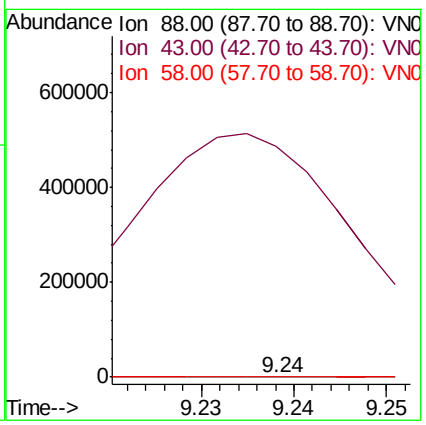


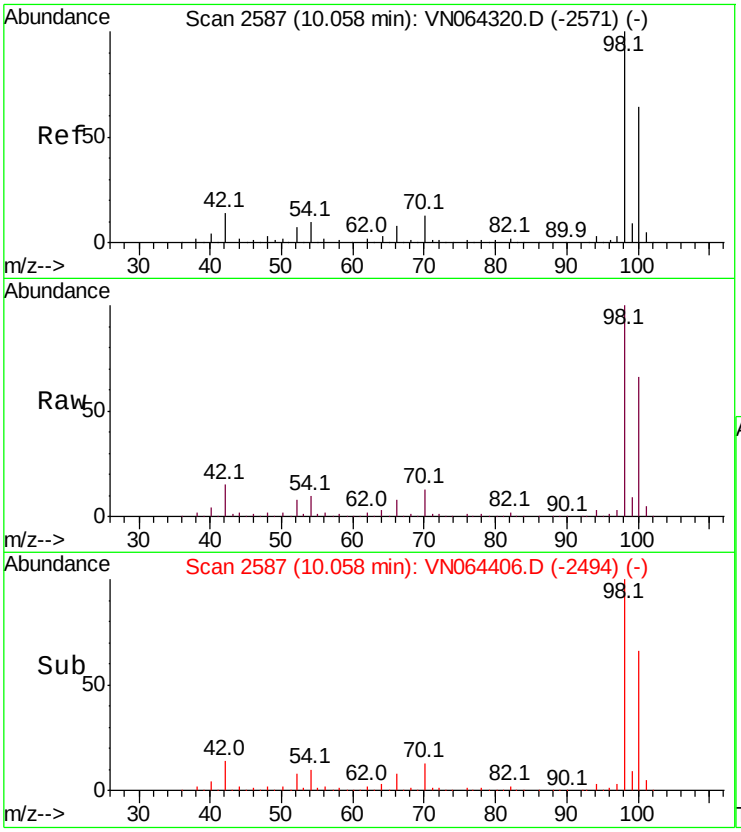


#49
1,4-Dioxane
Concen: 1.344 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	1451503.0	31.8	47.8#
58	6634.8	60.3	90.5#



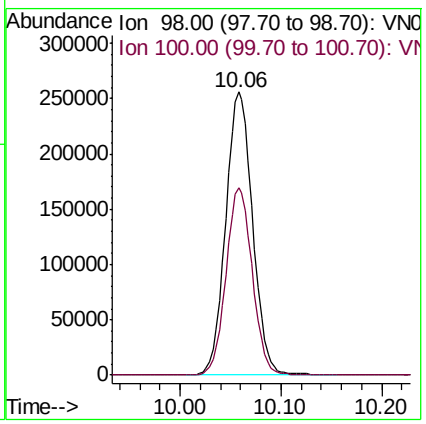


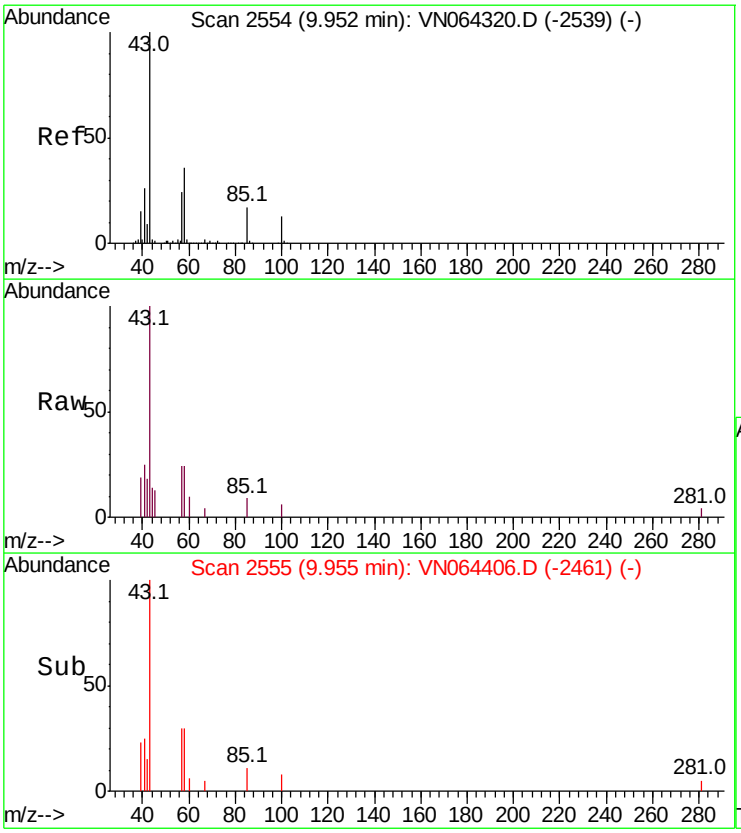
#50
Toluene-d8
Concen: 52.075 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 98 Resp: 475851

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3

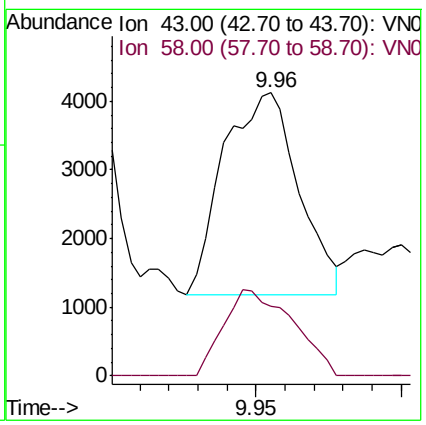


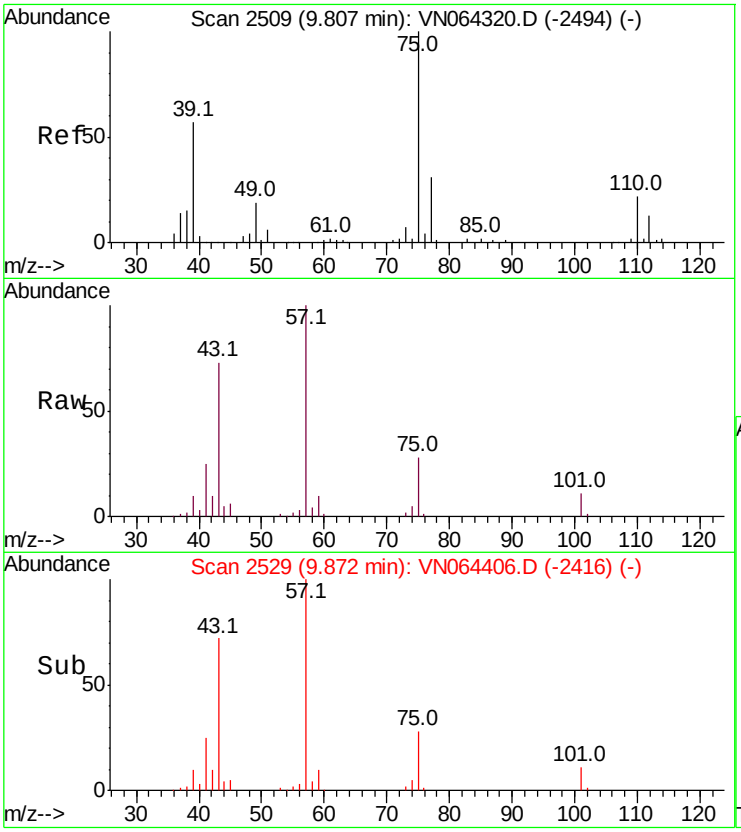


#51
4-Methyl-2-Pentanone
Concen: 1.406 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 43 Resp: 5275

Ion	Ratio	Lower	Upper
43	100		
58	39.6	28.6	42.8



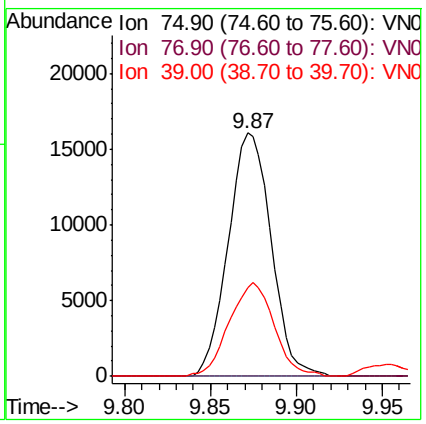


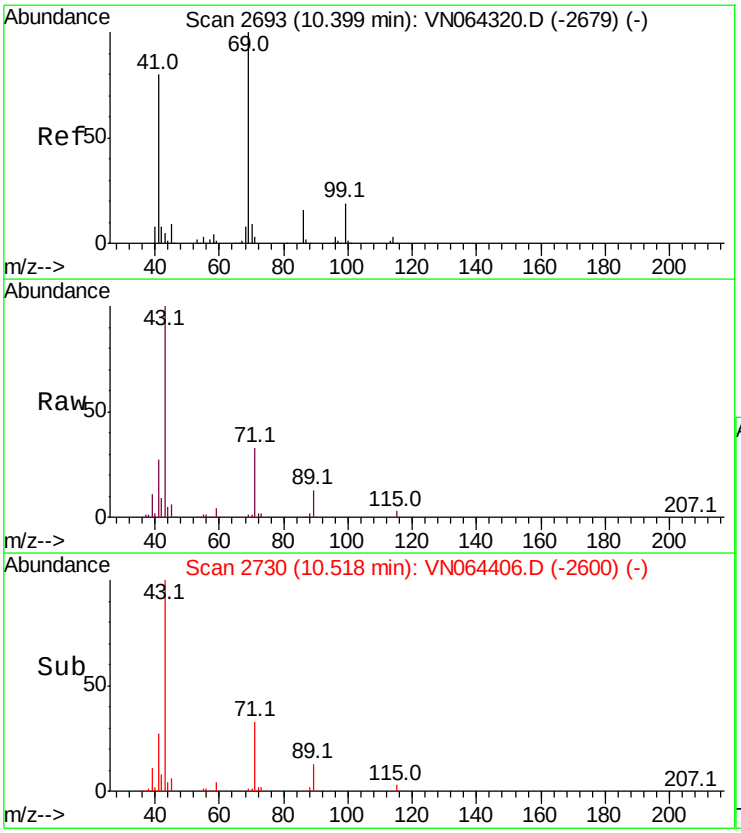
#54
cis-1,3-Dichloropropene
Concen: 5.934 ug/l
RT: 9.87 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 75 Resp: 27903

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.4#
39	36.5	45.5	68.3#

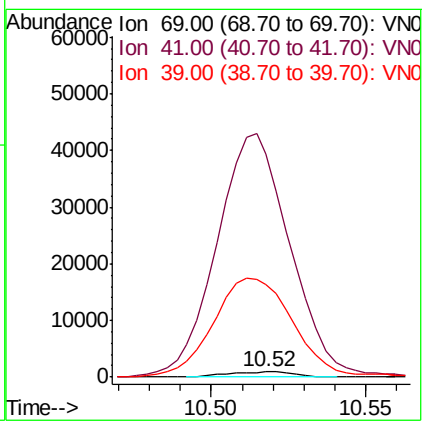


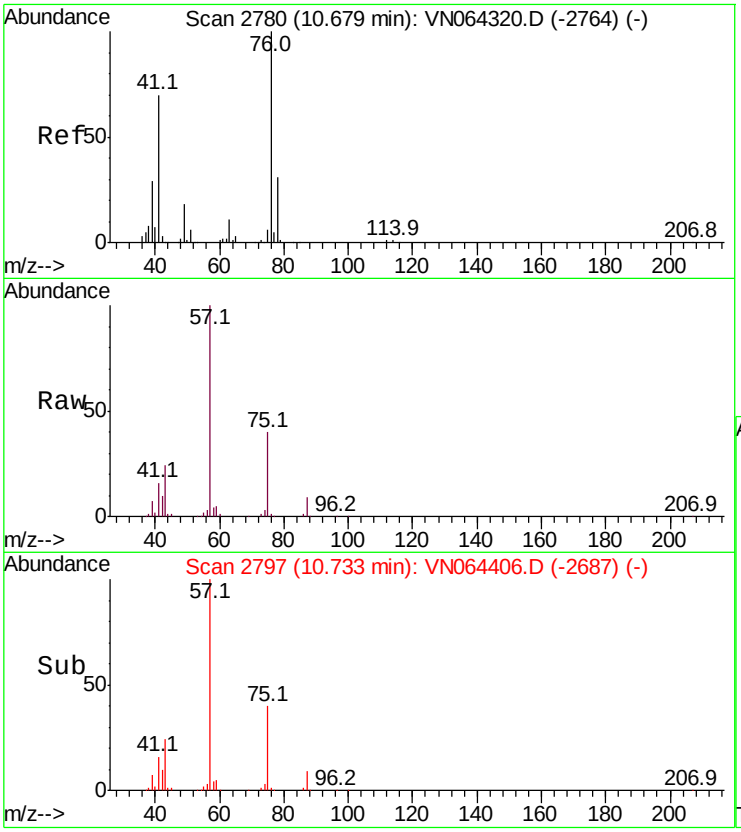


#56
Ethyl methacrylate
Concen: 0.349 ug/l
RT: 10.52 min Scan# 2730
Delta R.T. 0.12 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 69 Resp: 1369

Ion	Ratio	Lower	Upper
69	100		
41	5220.3	61.4	92.2#
39	2315.9	36.5	54.7#



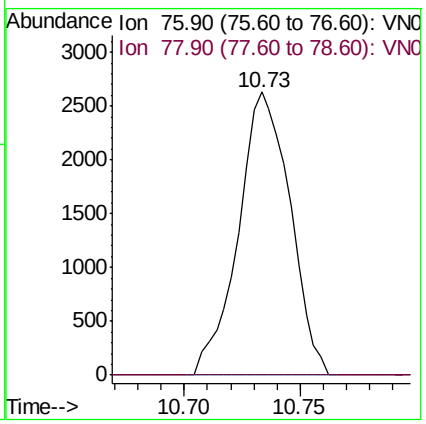


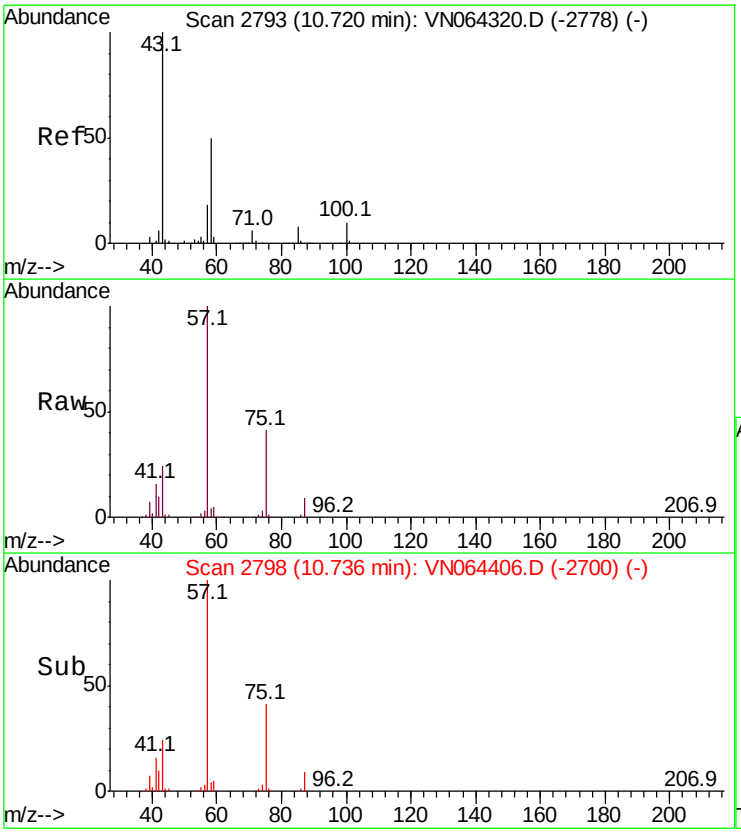
#57
1,3-Dichloropropane
Concen: 0.920 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.05 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
EO-02-102920

Tgt Ion: 76 Resp: 4070

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

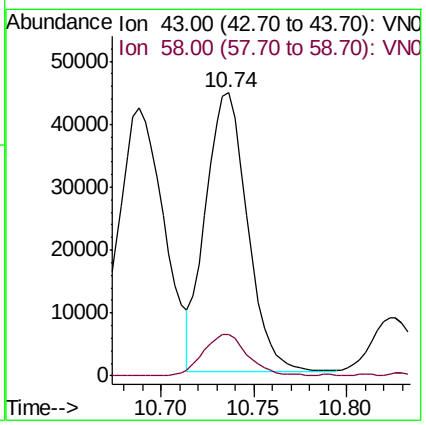


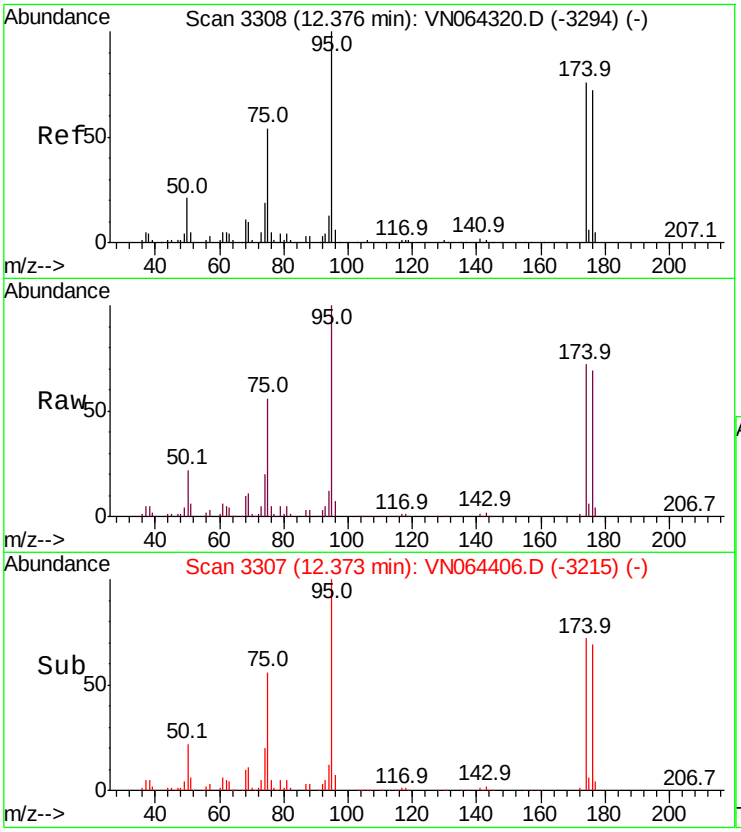


#59
2-Hexanone
Concen: 25.260 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 43 Resp: 69811

Ion	Ratio	Lower	Upper
43	100		
58	15.8	25.0	75.0#



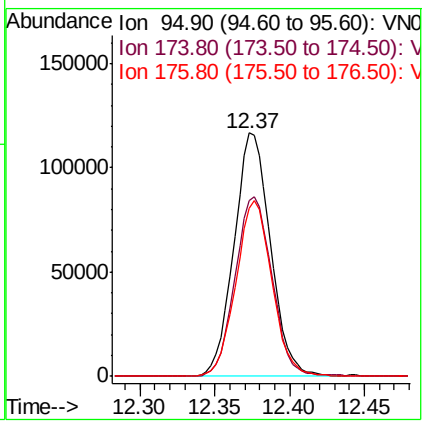


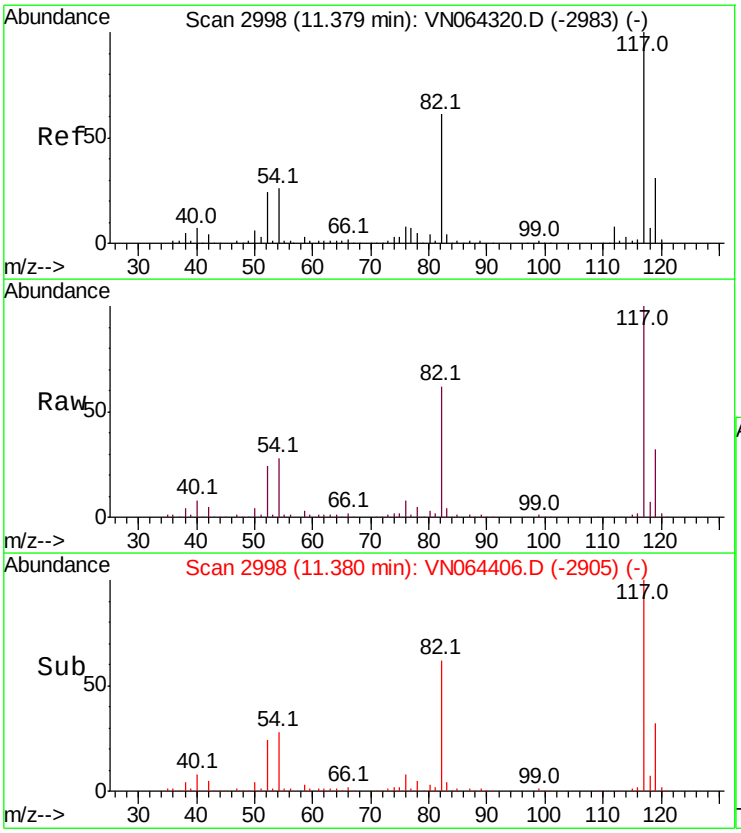
#62
4-Bromofluorobenzene
Concen: 55.625 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument : MSVOA_N
ClientSampleId : EO-02-102920

Tgt Ion: 95 Resp: 198178

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	147.4
176	71.1	0.0	143.6

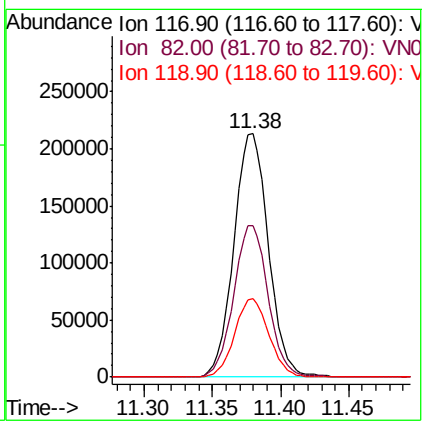


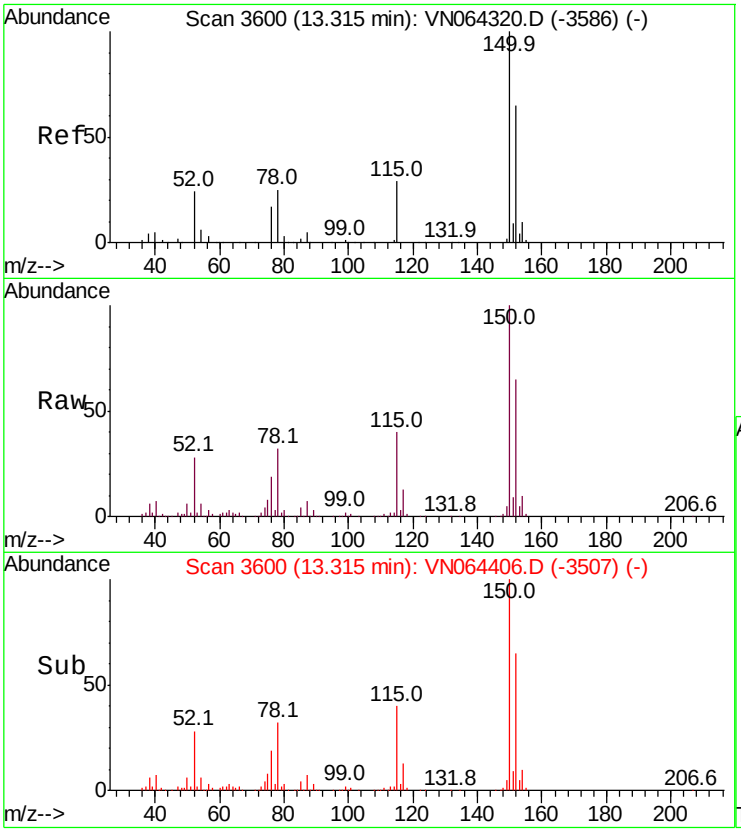


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion:117 Resp: 374999

Ion	Ratio	Lower	Upper
117	100		
82	62.3	48.8	73.2
119	32.4	25.1	37.7



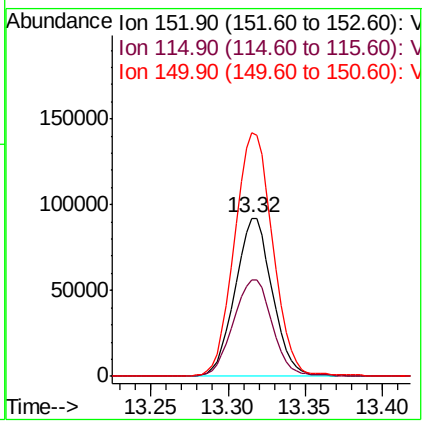


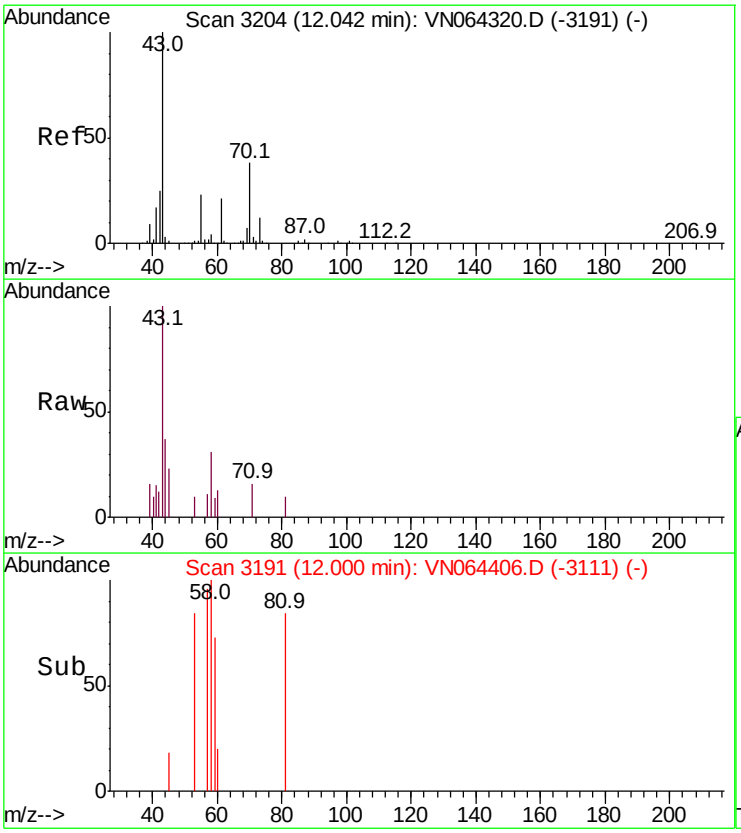
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
EO-02-102920

Tgt Ion:152 Resp: 153915

Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.5	94.5
150	158.9	0.0	346.2

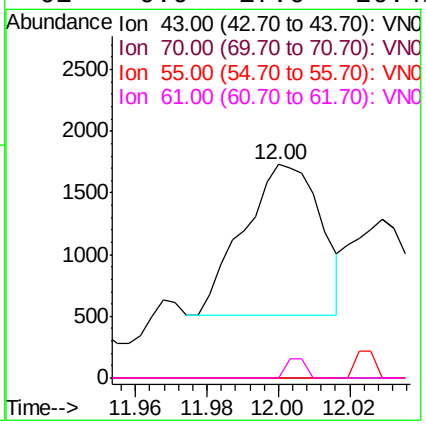


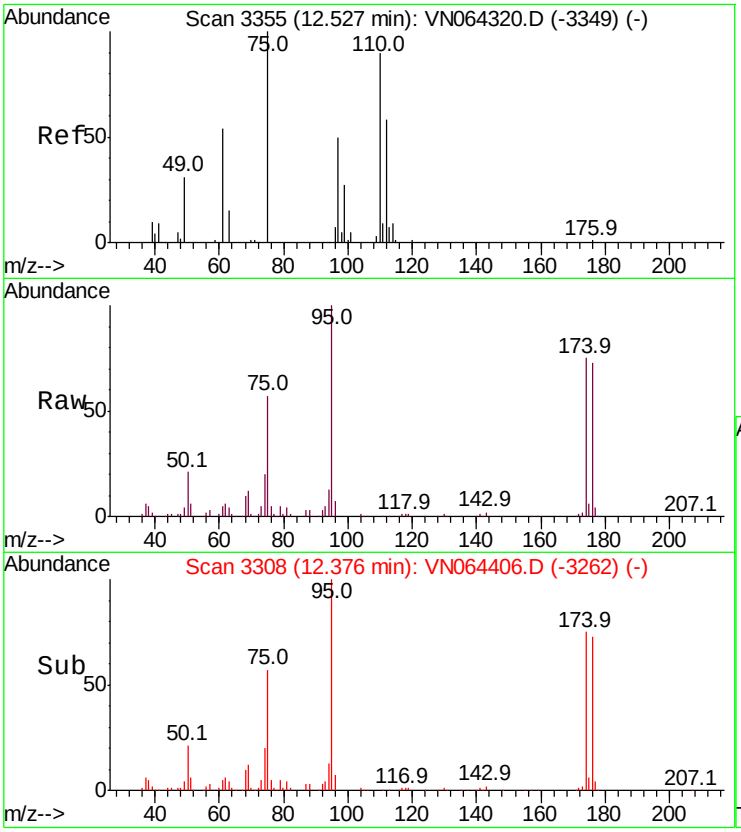


#74
N-amyl acetate
Concen: 0.362 ug/l
RT: 12.00 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 43 Resp: 1837

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.6	45.8#
55	0.0	18.2	27.4#
61	0.0	17.6	26.4#



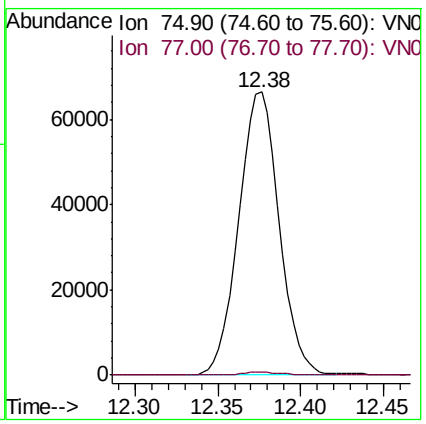


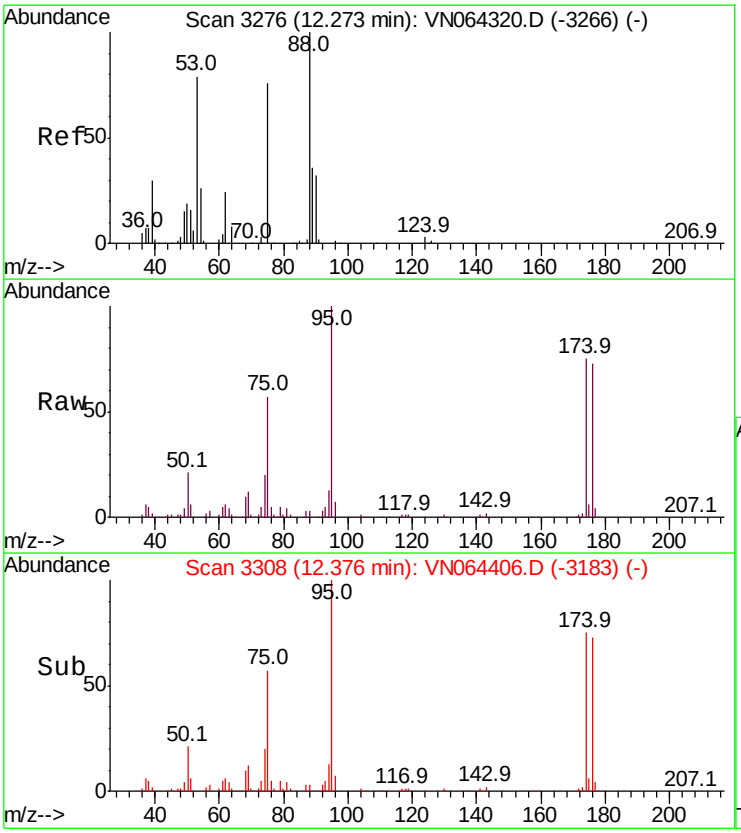
#76
1,2,3-Trichloropropane
Concen: 30.536 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
EO-02-102920

Tgt Ion: 75 Resp: 112550

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#

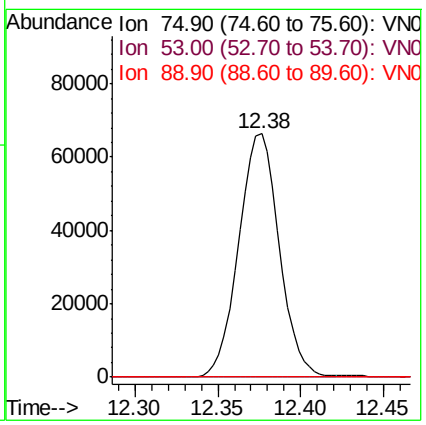


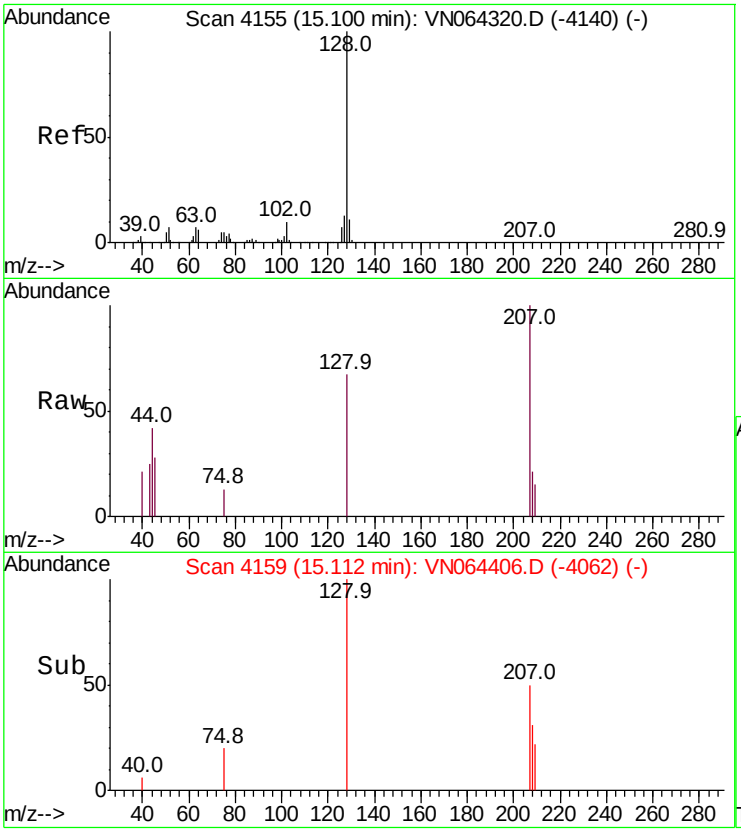


#81
trans-1,4-Dichloro-2-butene
Concen: 87.959 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Tgt Ion: 75 Resp: 112550

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.8#
89	0.0	39.9	59.9#





#95
Naphthalene
Concen: 2.525 ug/l
RT: 15.11 min Scan# 4159
Delta R.T. 0.01 min
Lab File: VN064406.D
Acq: 30 Oct 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
EO-02-102920

Tgt Ion:128 Resp: 1210

Ion	Ratio	Lower	Upper
128	100		
127	2.5	10.4	15.6#
129	0.0	8.6	13.0#