Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110420\
Data File : VN064436.D
Acq On : 4 Nov 2020 15:12
Operator : JC/MD
Sample : L4215-01
Misc : 5.41g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Quant Time: Nov 05 00:46:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	233965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	459072	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	451824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	183361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	210712	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.40%			
35) Dibromofluoromethane	7.55	113	153455	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
50) Toluene-d8	10.06	98	580807	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.16%			
62) 4-Bromofluorobenzene	12.38	95	227264	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.48%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.69	59	2807	6.246	ug/l #	71
13) Acrolein	3.57	56	157	0.563	ug/l #	1
16) Acetone	3.79	43	474	0.305	ug/l #	48
17) Carbon Disulfide	3.99	76	2657	0.355	ug/l #	76
18) Methyl Acetate	4.28	43	11695	3.832	ug/l	94
20) Methylene Chloride	4.49	84	2709	0.880	ug/l #	77
25) 2-Butanone	6.82	43	1830	0.925	ug/l #	90
31) Cyclohexane	7.62	56	6471	1.306	ug/l #	19
36) 1,1-Dichloropropene	7.62	75	22906	4.723	ug/l #	51
37) Ethyl Acetate	6.90	43	114	0.785	ug/l #	71
38) Carbon Tetrachloride	7.62	117	28058	5.413	ug/l #	16
51) 4-Methyl-2-Pentanone	9.96	43	1099	0.240	ug/l #	39
56) Ethyl methacrylate	10.49	69	60	1.851	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.67	63	30	21.548	ug/l #	51
59) 2-Hexanone	10.72	43	153	4.068	ug/l #	1
71) Bromoform	12.35	173	37	1.288	ug/l #	29
74) N-amyl acetate	12.04	43	142	1.234	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	127400	28.676	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	127400	80.068	ug/l #	8
89) n-Butylbenzene	13.59	91	1978	0.215	ug/l #	82
93) 1,2,4-Trichlorobenzene	14.88	180	733	2.900	ug/l #	62
94) Hexachlorobutadiene	14.99	225	1060	0.880	ug/l	86
95) Naphthalene	15.11	128	2629	3.865	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.28	180	915	3.079	ug/l #	14

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

Quantitation Report (Not Reviewed)

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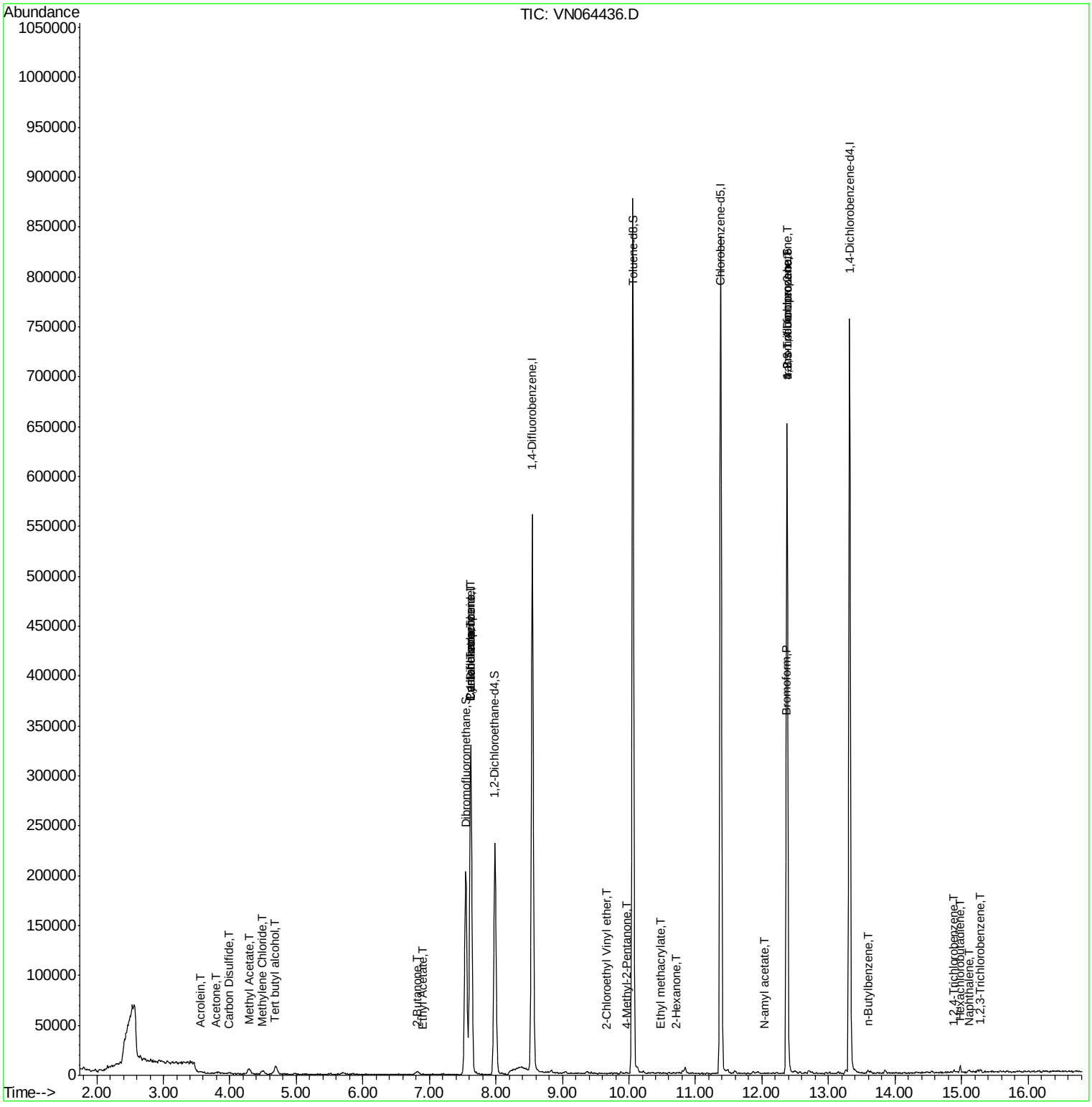
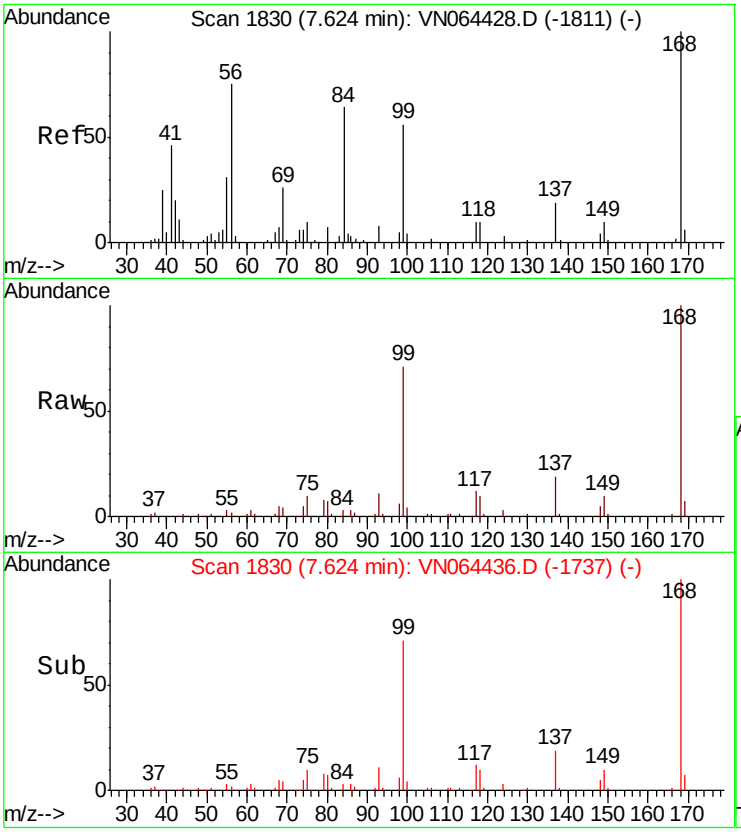
Data File : VN064436.D
Acq On : 4 Nov 2020 15:12
Operator : JC/MD
Sample : L4215-01
Misc : 5.41g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Quant Time: Nov 05 00:46:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

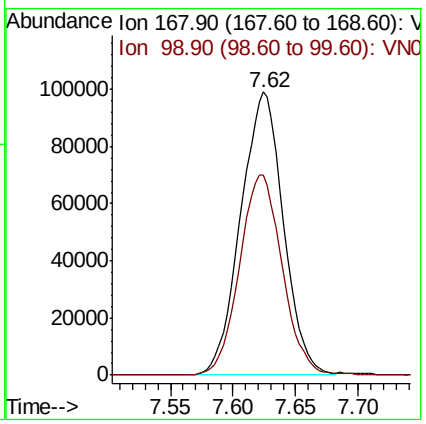




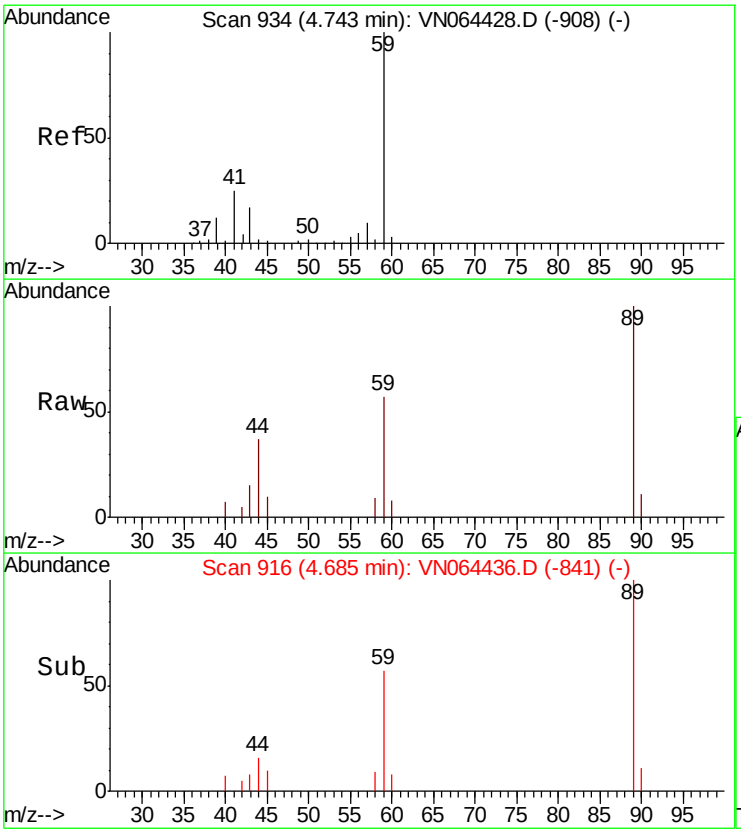
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion:168 Resp: 233965

Ion	Ratio	Lower	Upper
168	100		
99	70.6	53.4	80.2



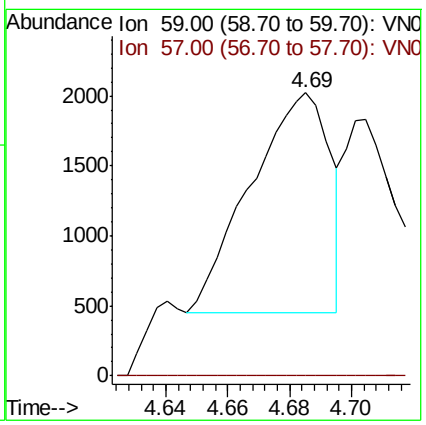
Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

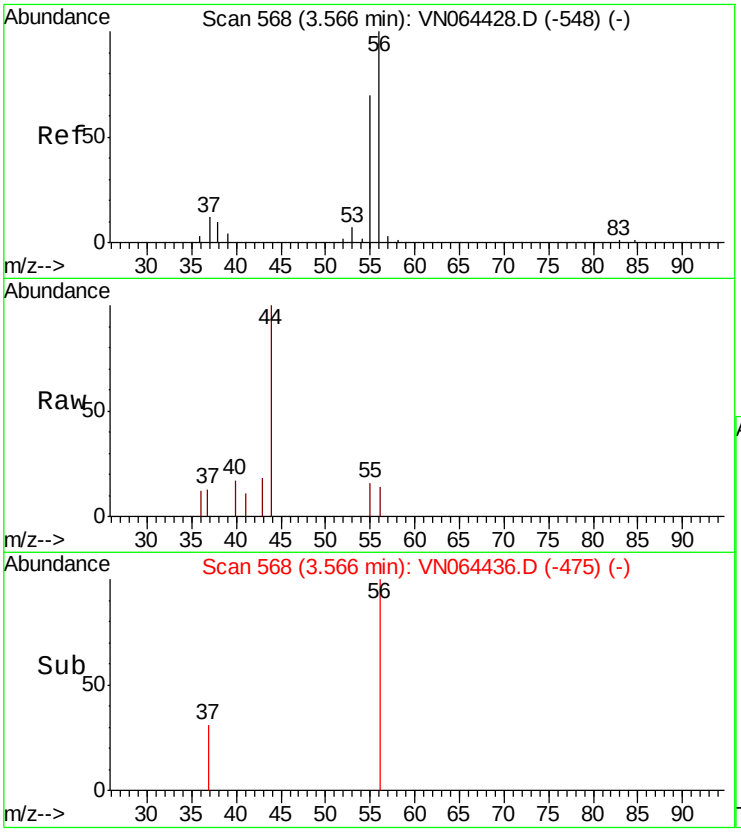


#11
Tert butyl alcohol
Concen: 6.246 ug/l
RT: 4.69 min Scan# 916
Delta R.T. -0.06 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 59 Resp: 2807

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



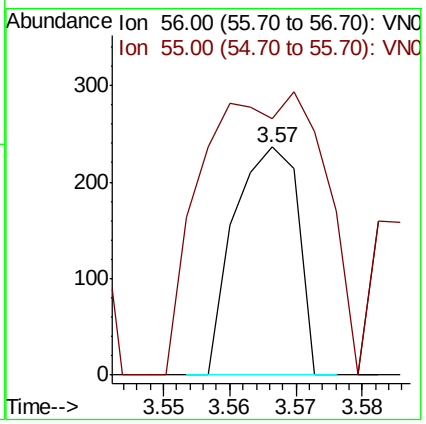


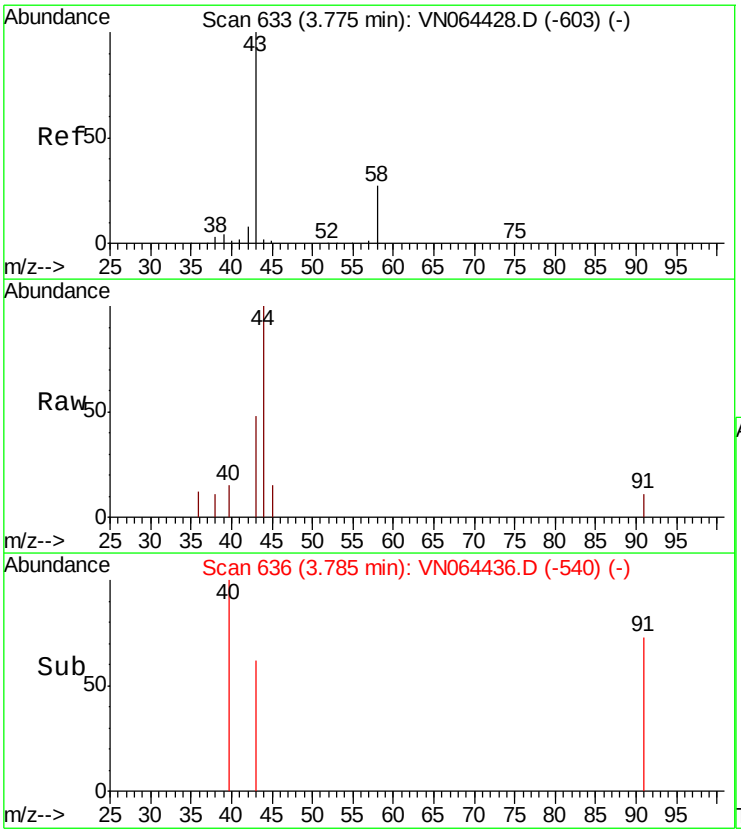
#13
Acrolein
Concen: 0.563 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Tgt Ion: 56 Resp: 157

Ion	Ratio	Lower	Upper
56	100		
55	238.9	55.9	83.9#

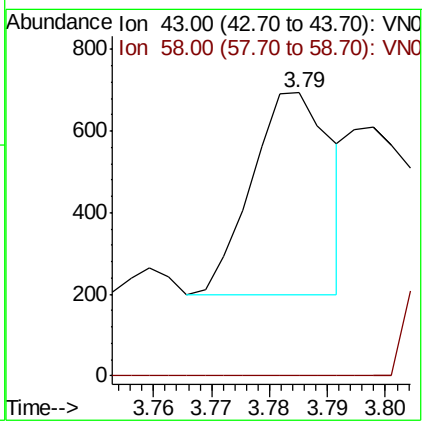


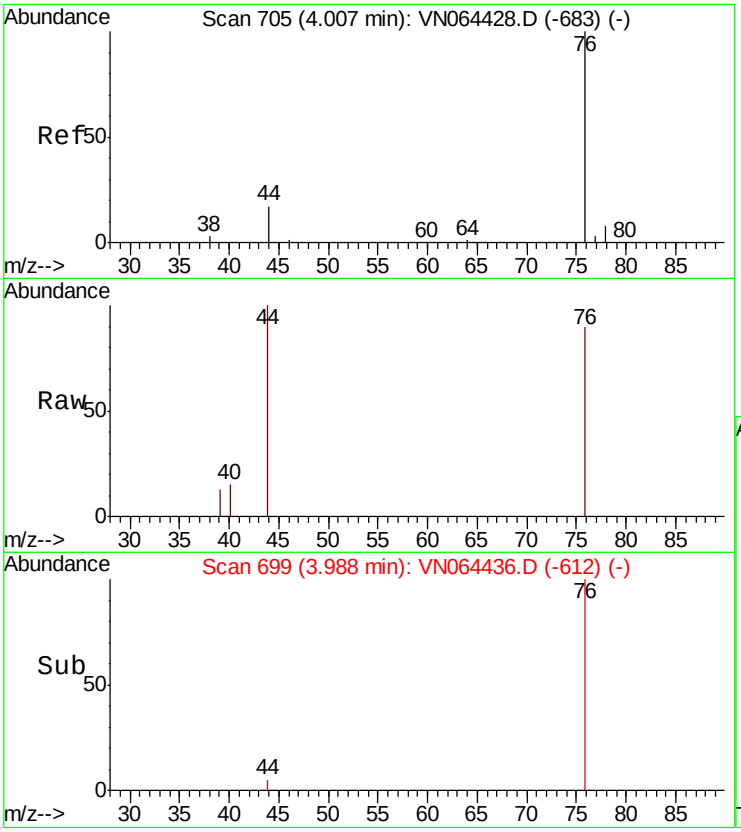


#16
Acetone
Concen: 0.305 ug/l
RT: 3.79 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 43 Resp: 474

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.4	32.0#



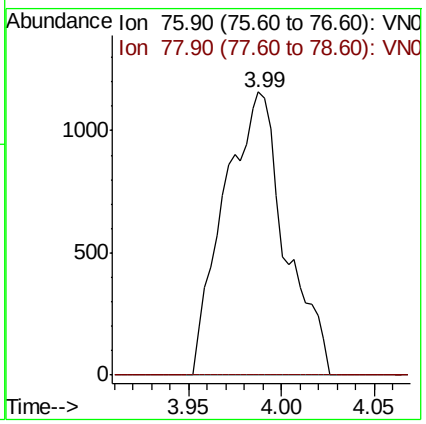


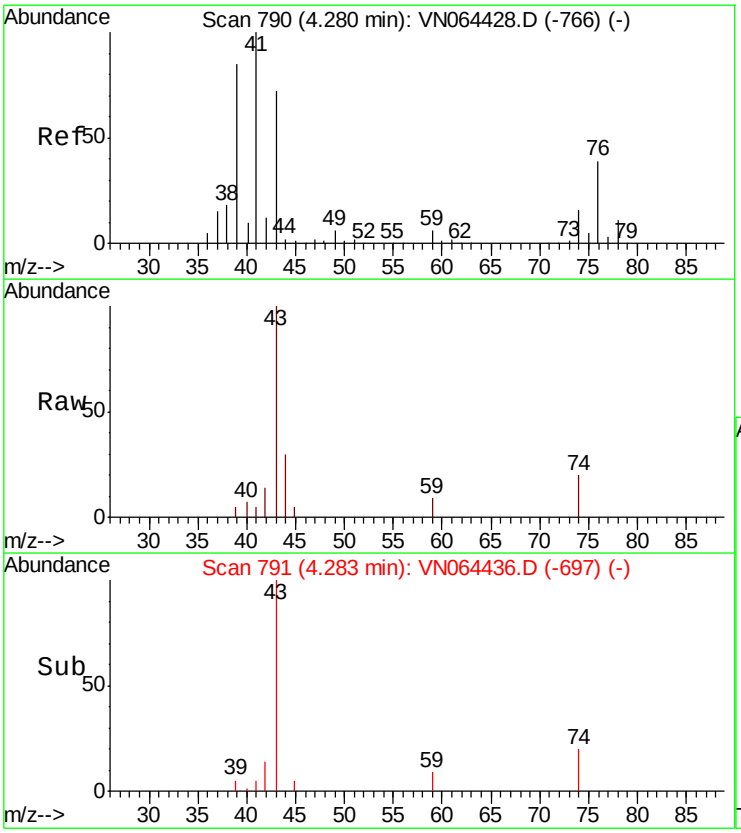
#17
Carbon Disulfide
Concen: 0.355 ug/l
RT: 3.99 min Scan# 699
Delta R.T. -0.02 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion: 76 Resp: 2657

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.8	10.2#

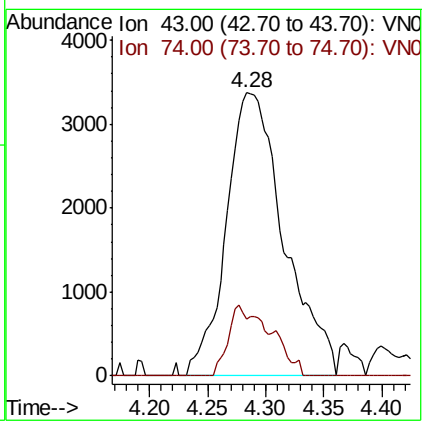


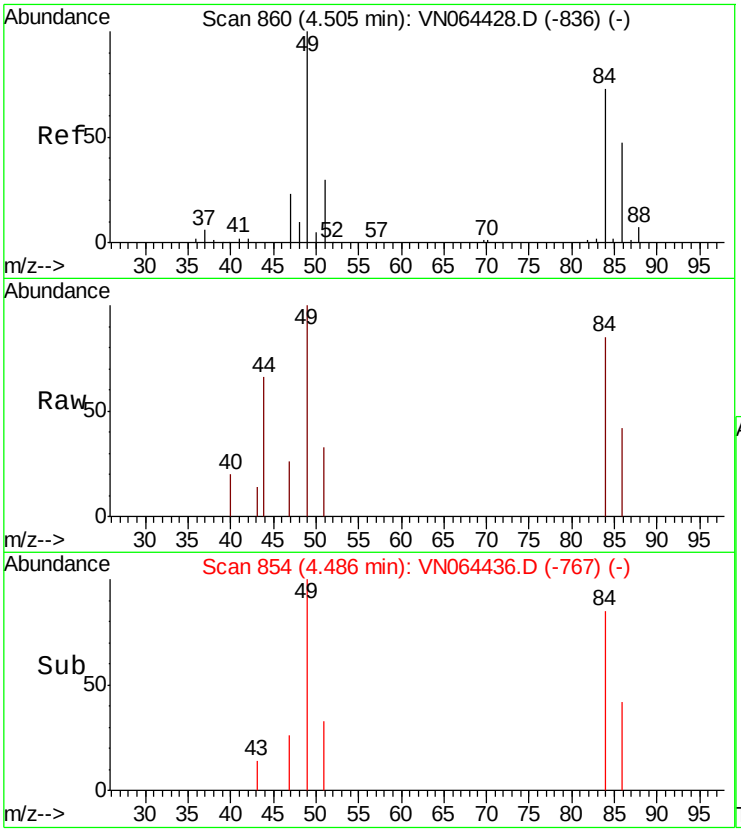


#18
Methyl Acetate
Concen: 3.832 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 43 Resp: 11695

Ion	Ratio	Lower	Upper
43	100		
74	18.2	17.0	25.4



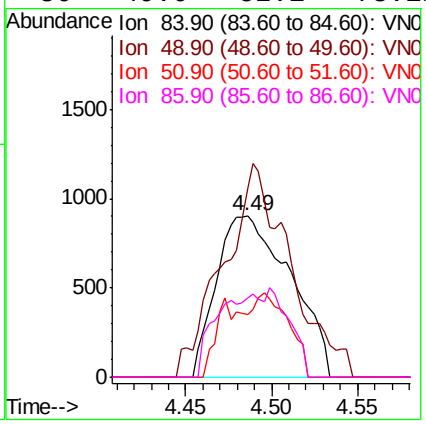


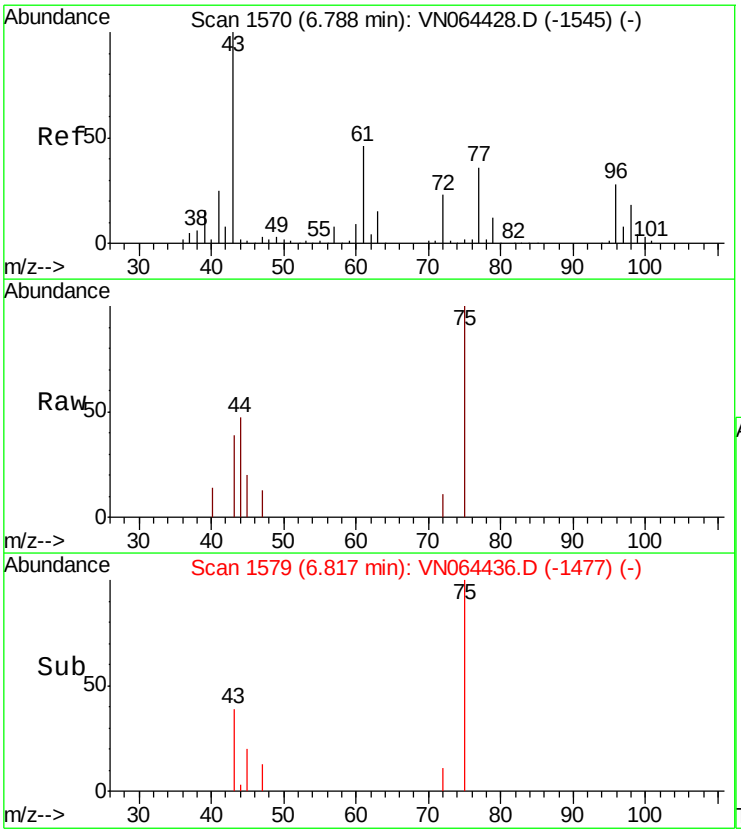
#20
Methylene Chloride
Concen: 0.880 ug/l
RT: 4.49 min Scan# 854
Delta R.T. -0.02 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion: 84 Resp: 2709

Ion	Ratio	Lower	Upper
84	100		
49	100.9	110.1	165.1#
51	38.7	33.6	50.4
86	49.0	52.1	78.1#

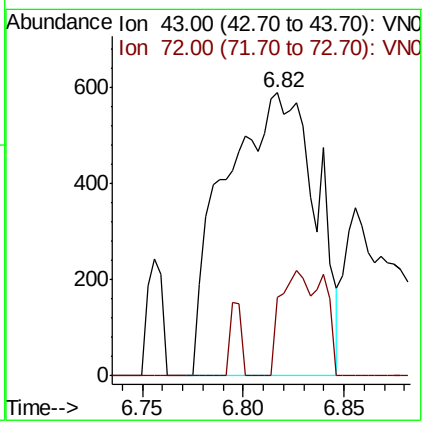


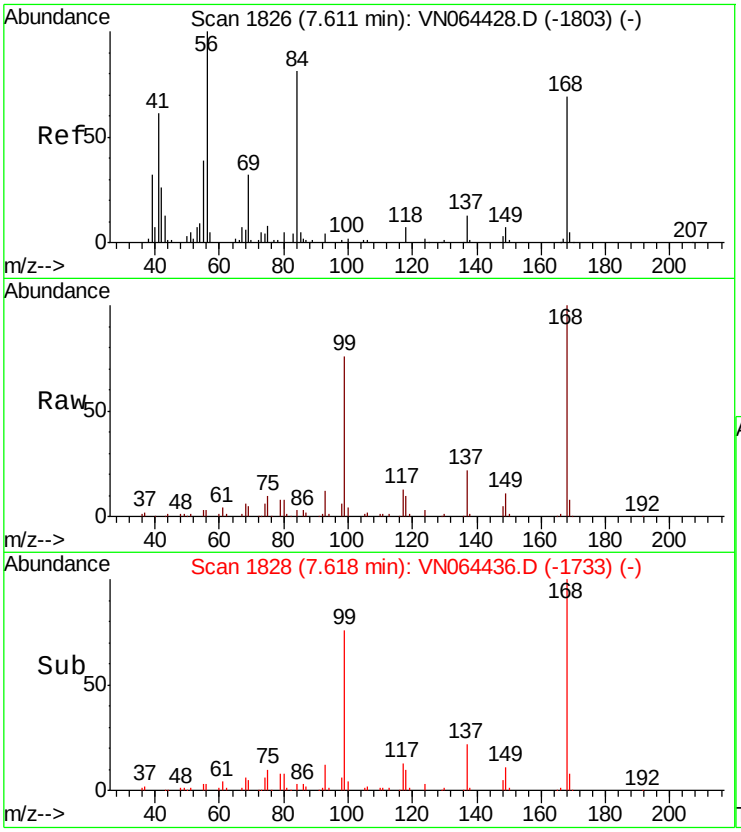


#25
2-Butanone
Concen: 0.925 ug/l
RT: 6.82 min Scan# 1579
Delta R.T. 0.03 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 43 Resp: 1830

Ion	Ratio	Lower	Upper
43	100		
72	27.9	18.5	27.7#



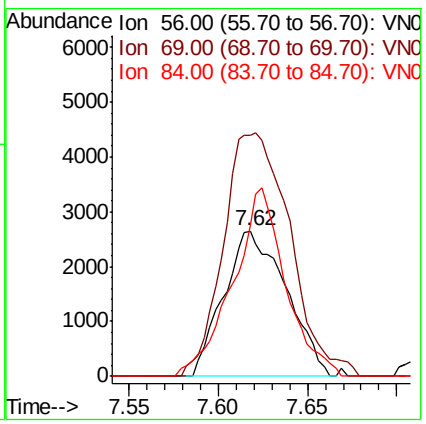


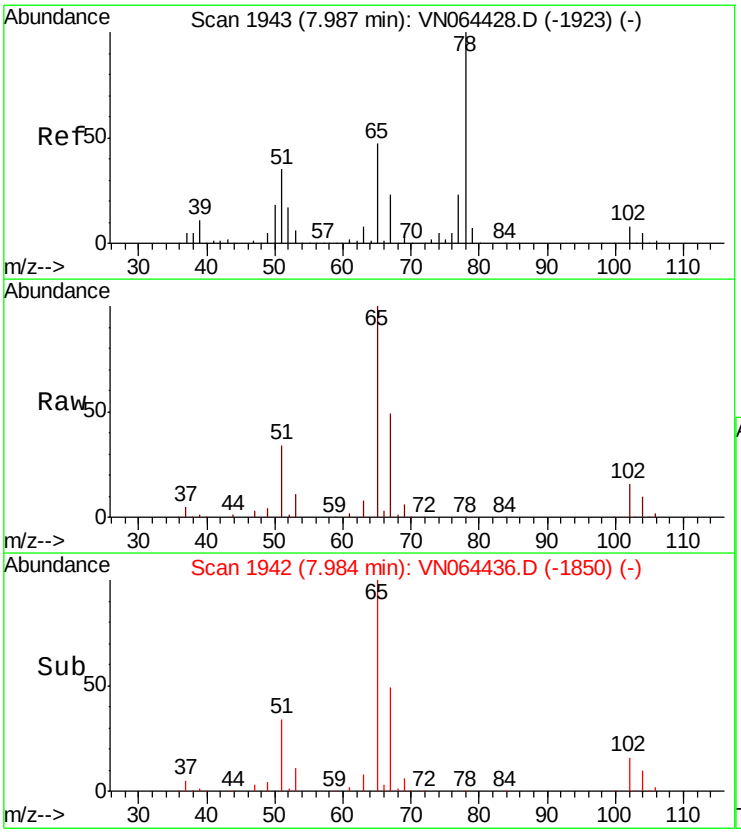
#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion: 56 Resp: 6471

Ion	Ratio	Lower	Upper
56	100		
69	158.7	25.6	38.4#
84	98.1	63.0	94.6#

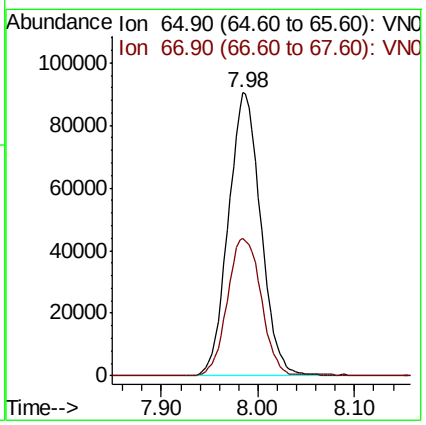


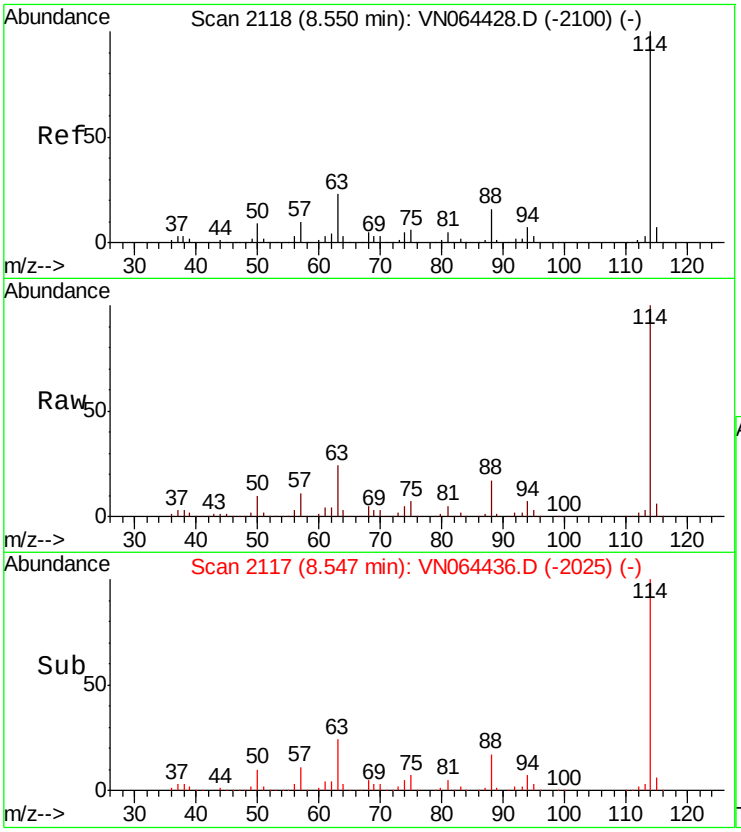


#33
1,2-Dichloroethane-d4
Concen: 51.705 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 65 Resp: 210712

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.6



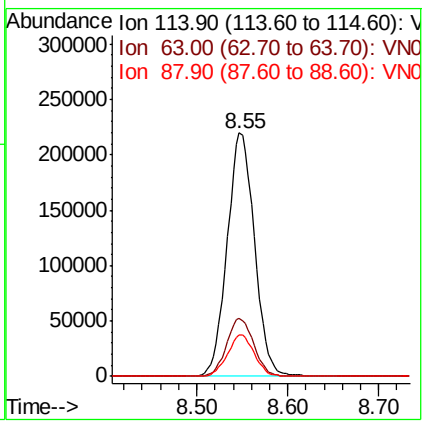


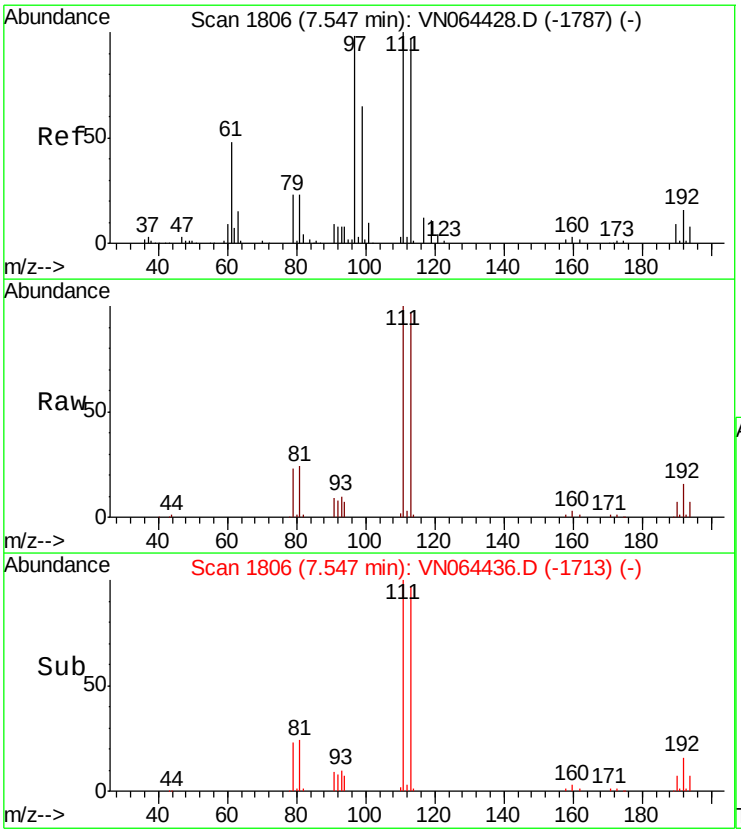
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion:114 Resp: 459072

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	45.6
88	16.8	0.0	32.8

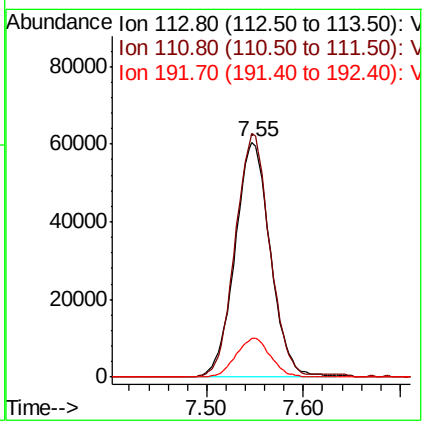


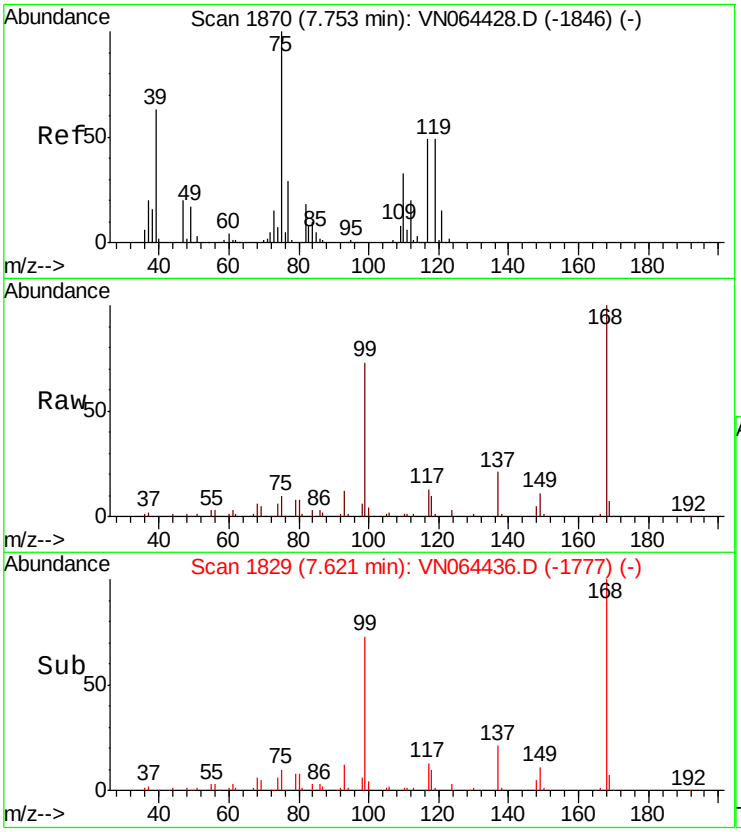


#35
Dibromofluoromethane
Concen: 49.095 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion:113 Resp: 153455

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	16.2	12.8	19.2



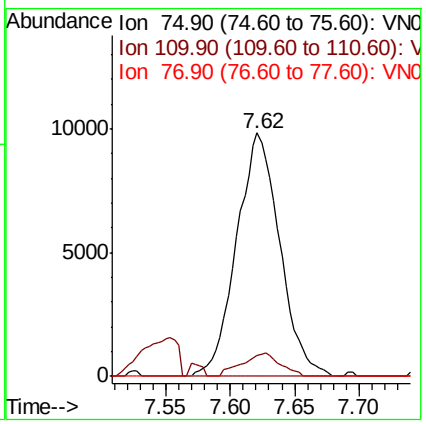


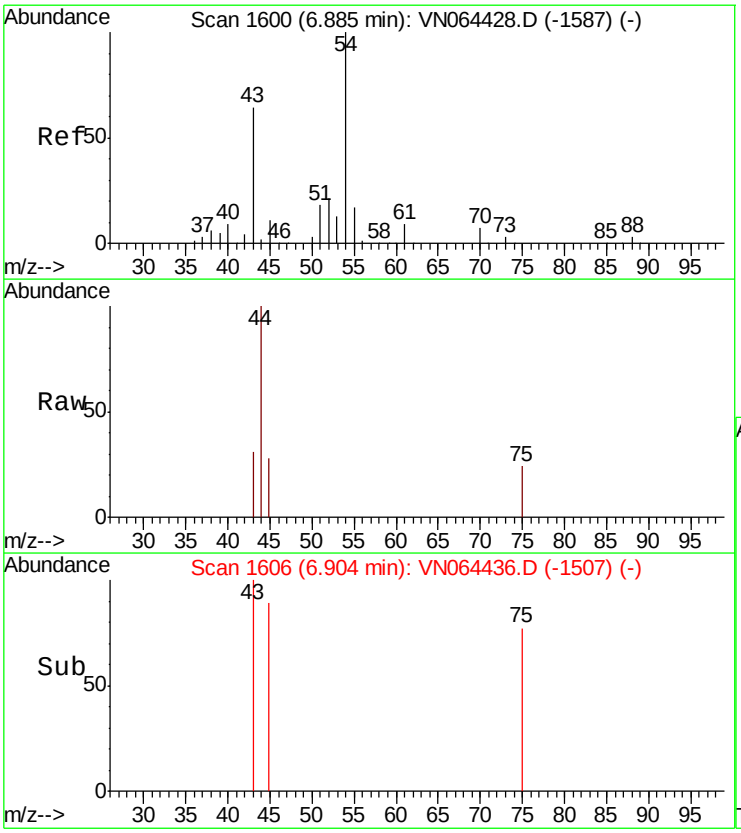
#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.13 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Tgt Ion: 75 Resp: 22906

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.0	48.0#
77	0.0	24.0	36.0#

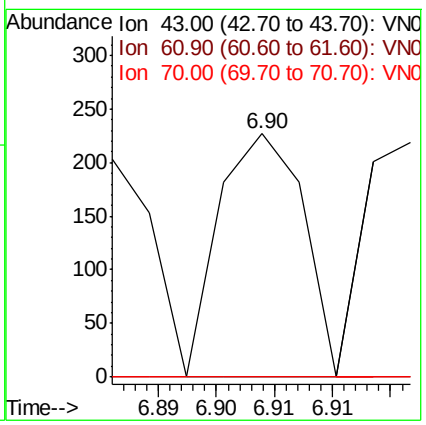


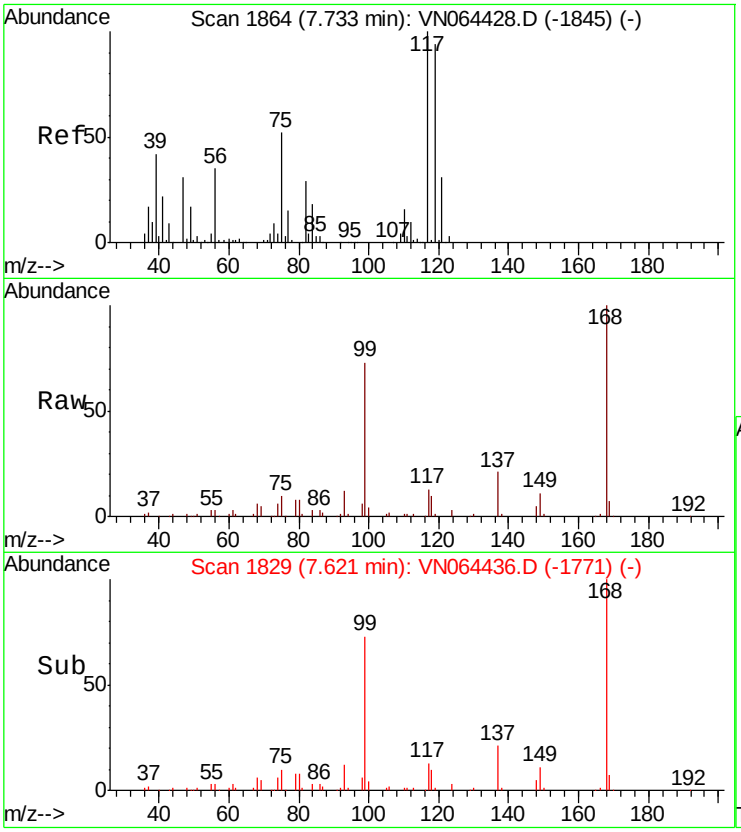


#37
Ethyl Acetate
Concen: 0.785 ug/l
RT: 6.90 min Scan# 1606
Delta R.T. 0.02 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 43 Resp: 114

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.1	10.7#



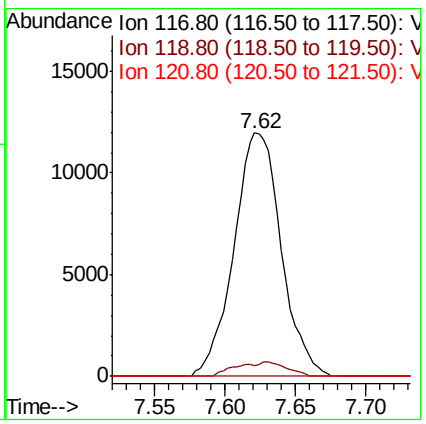


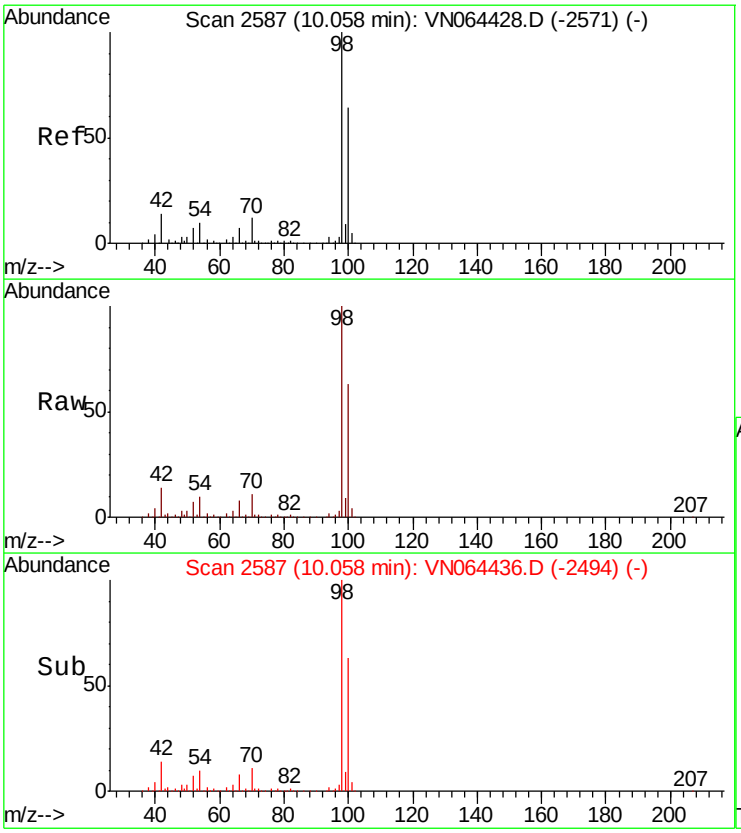
#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.11 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Tgt Ion:117 Resp: 28058

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.5	113.3#
121	0.0	24.4	36.6#

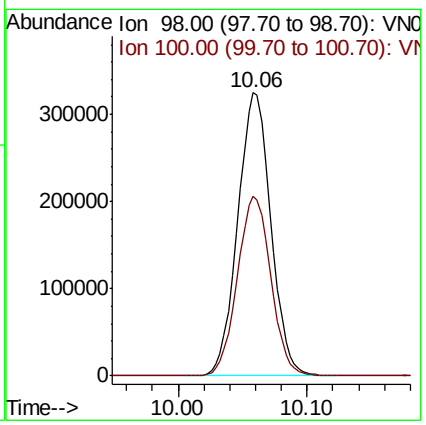


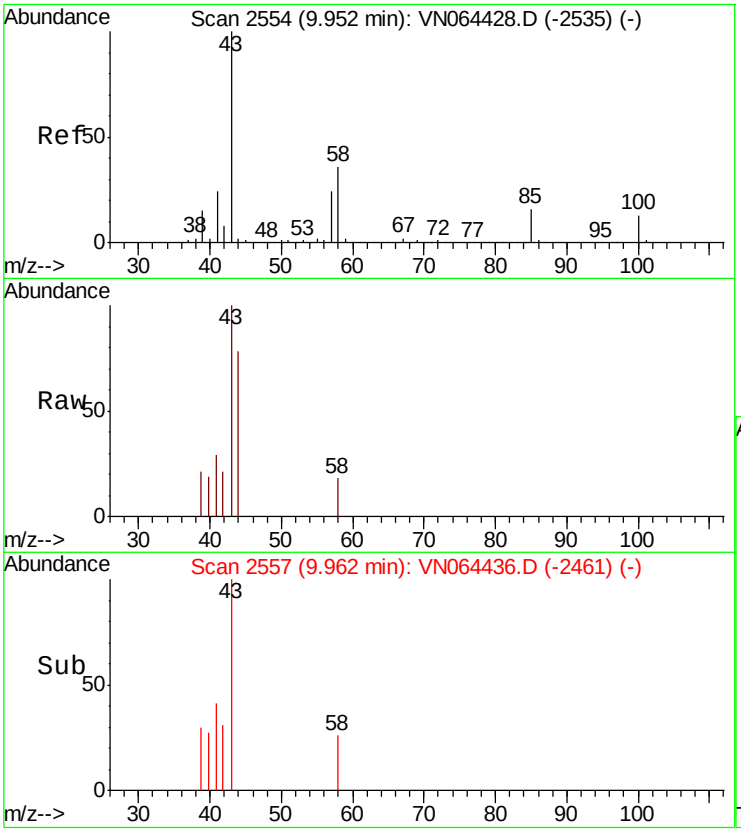


#50
Toluene-d8
Concen: 48.077 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 98 Resp: 580807

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.7	76.1



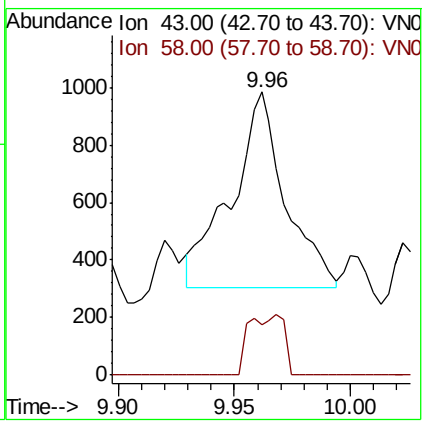


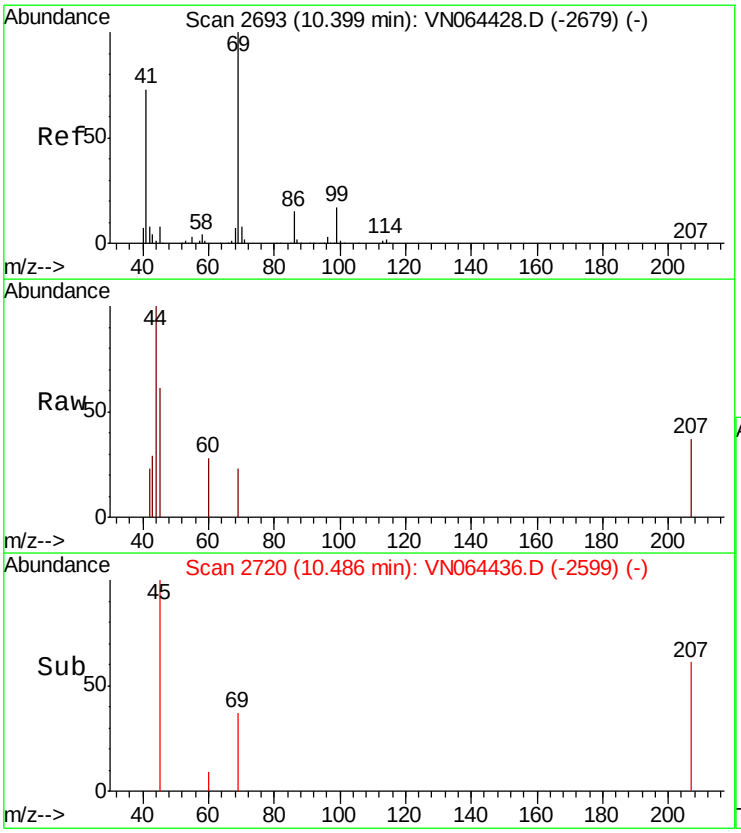
#51
4-Methyl-2-Pentanone
Concen: 0.240 ug/l
RT: 9.96 min Scan# 2557
Delta R.T. 0.01 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion: 43 Resp: 1099

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#

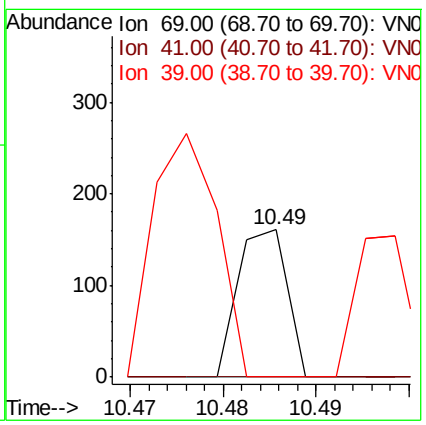


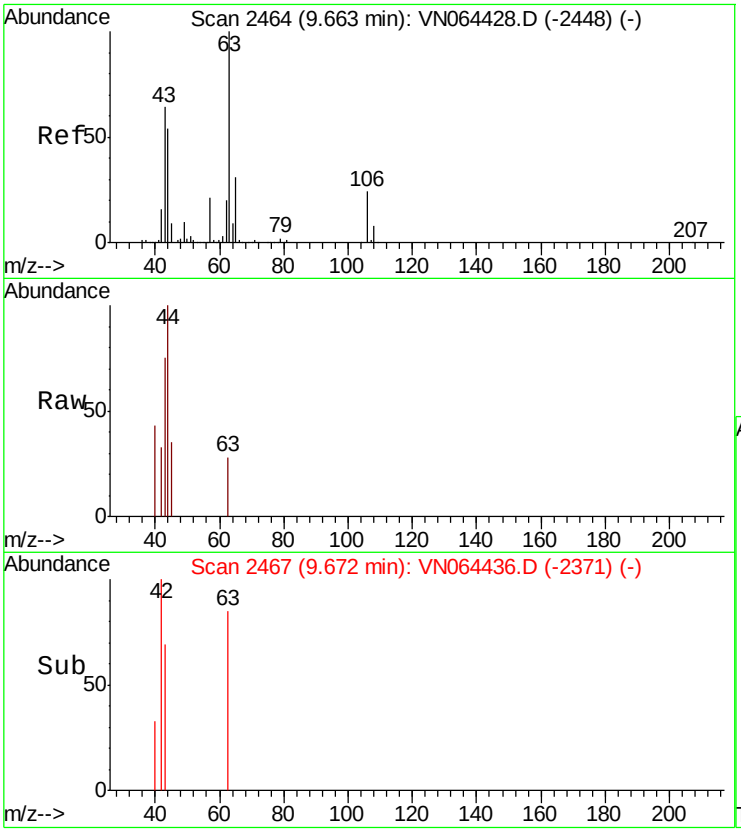


#56
Ethyl methacrylate
Concen: 1.851 ug/l
RT: 10.49 min Scan# 2720
Delta R.T. 0.09 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 69 Resp: 60

Ion	Ratio	Lower	Upper
69	100		
41	0.0	59.3	88.9#
39	211.7	35.4	53.0#



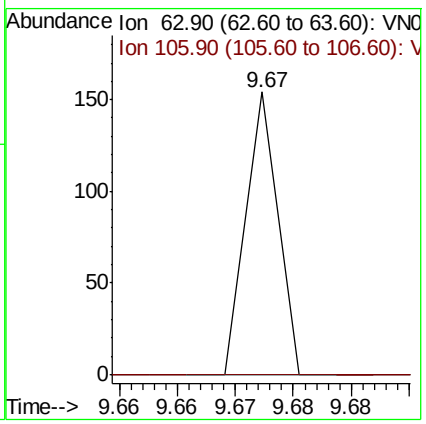


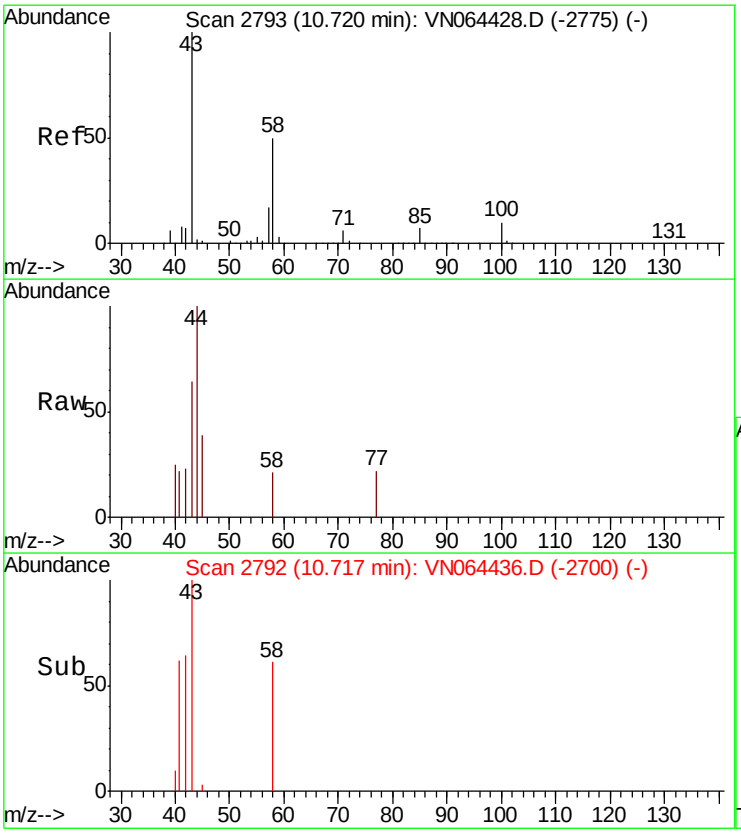
#58
2-Chloroethyl Vinyl ether
Concen: 21.548 ug/l
RT: 9.67 min Scan# 2467
Delta R.T. 0.01 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion: 63 Resp: 30

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.5	29.3#

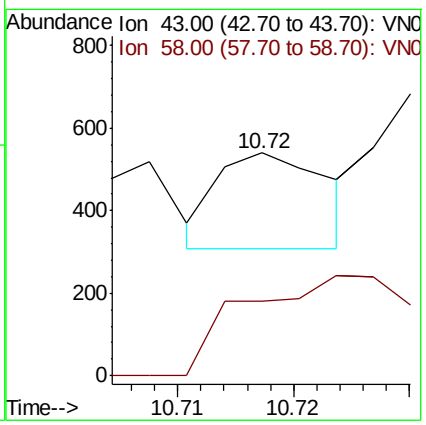


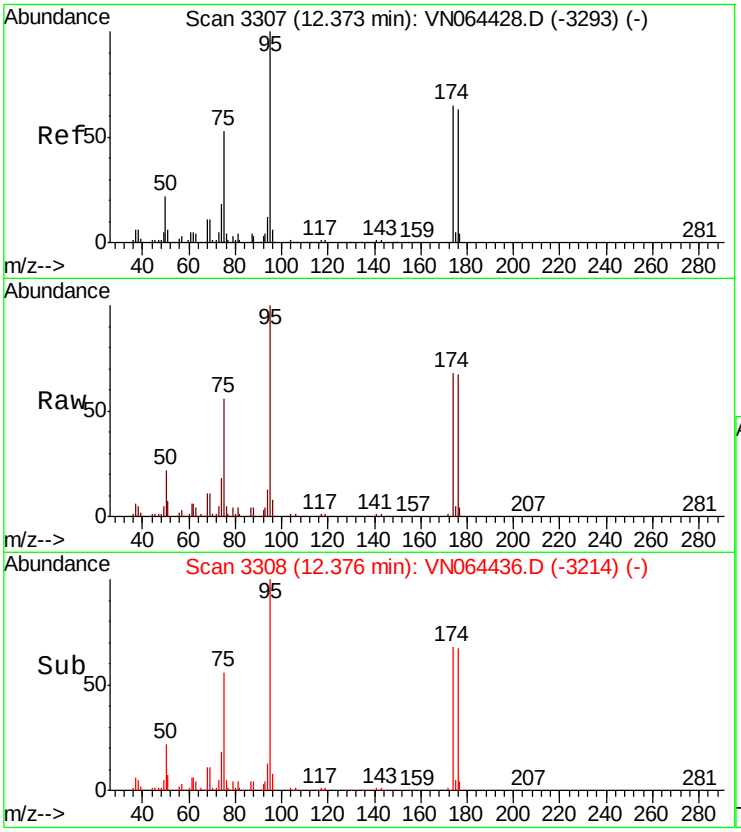


#59
2-Hexanone
Concen: 4.068 ug/l
RT: 10.72 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 43 Resp: 153

Ion	Ratio	Lower	Upper
43	100		
58	151.6	24.7	74.1#



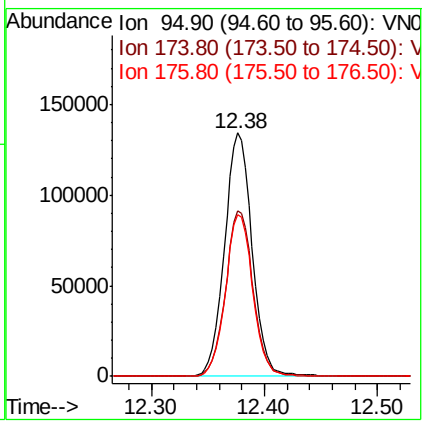


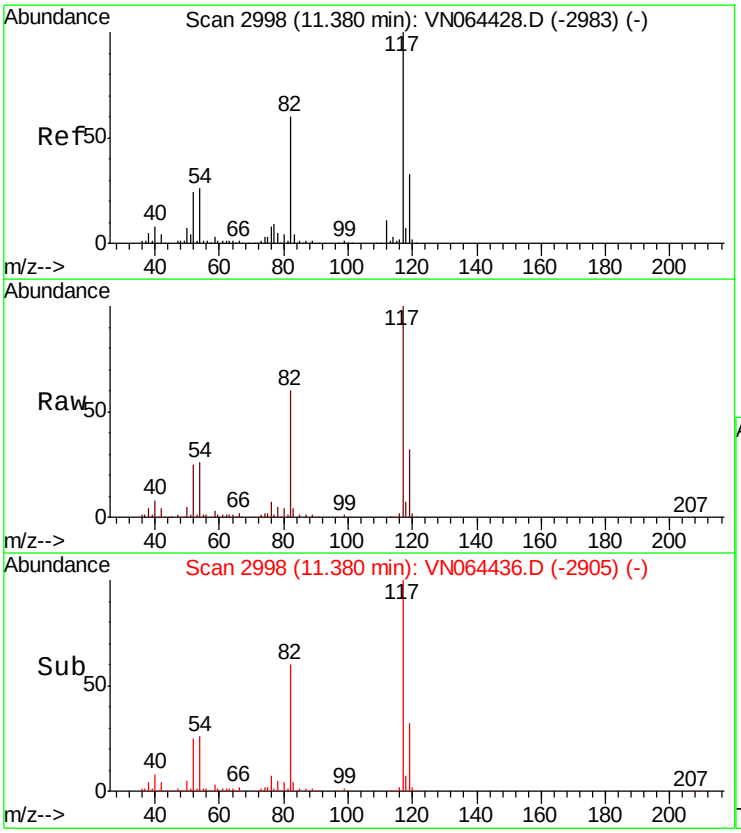
#62
4-Bromofluorobenzene
Concen: 49.743 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Tgt Ion: 95 Resp: 227264

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	132.6
176	65.7	0.0	129.2

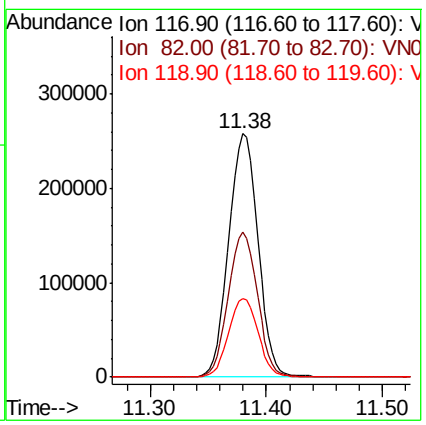


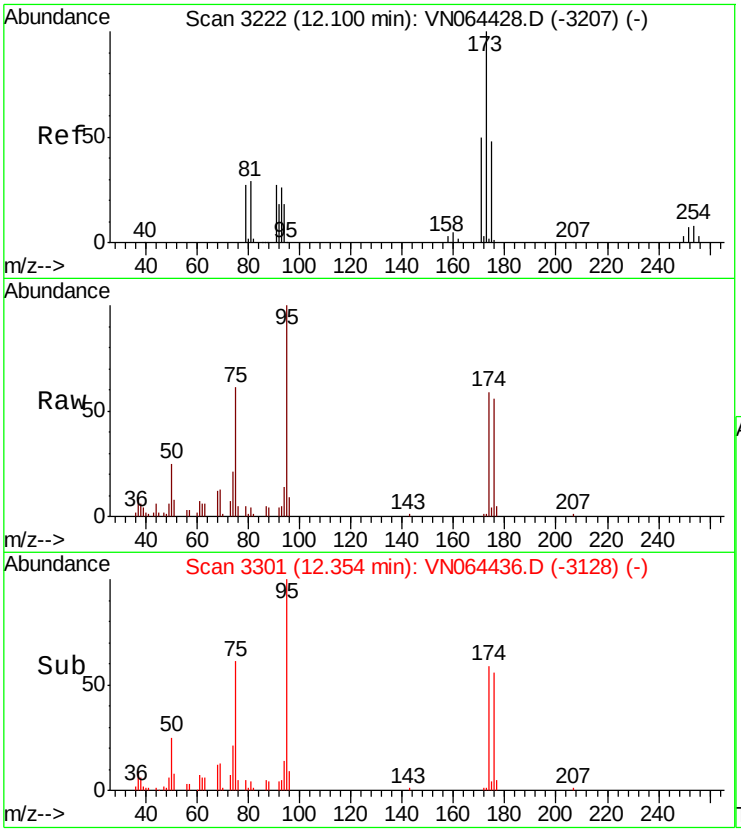


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion:117 Resp: 451824

Ion	Ratio	Lower	Upper
117	100		
82	59.5	48.1	72.1
119	32.3	26.2	39.4



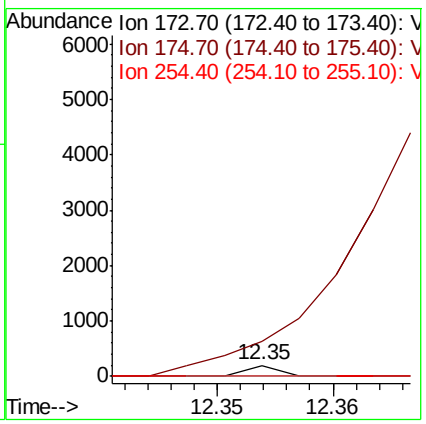


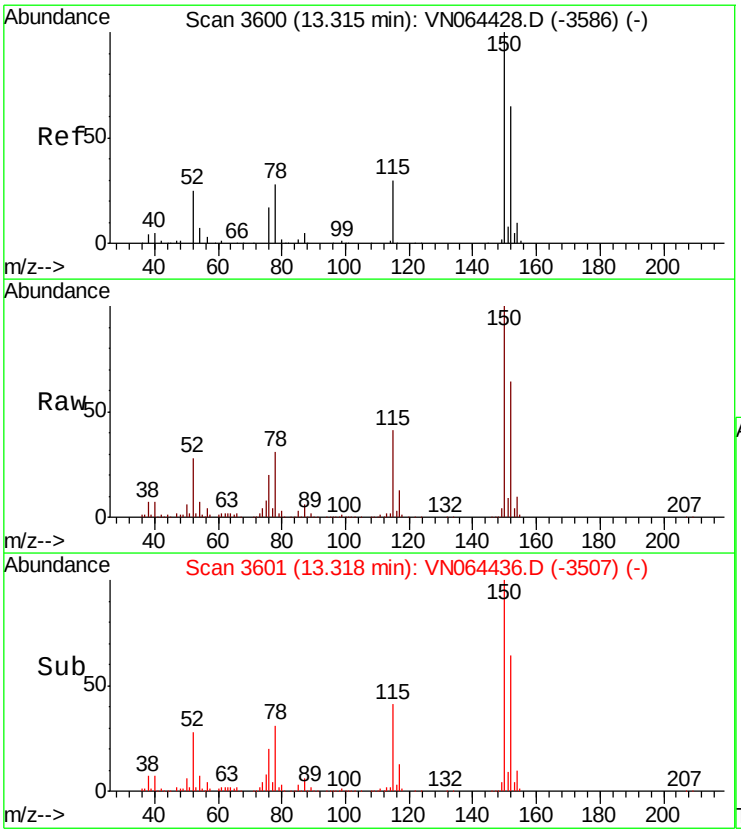
#71
Bromoform
Concen: 1.288 ug/l
RT: 12.35 min Scan# 3301
Delta R.T. 0.25 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion:173 Resp: 37

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.7	71.1#
254	0.0	0.0	0.0

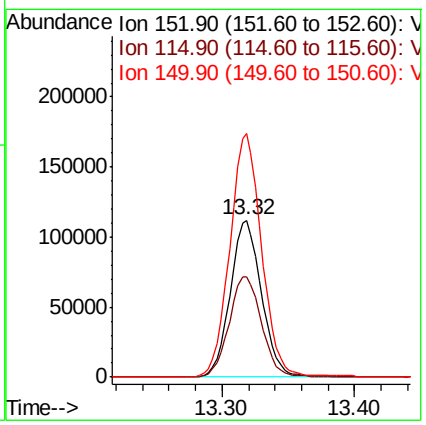


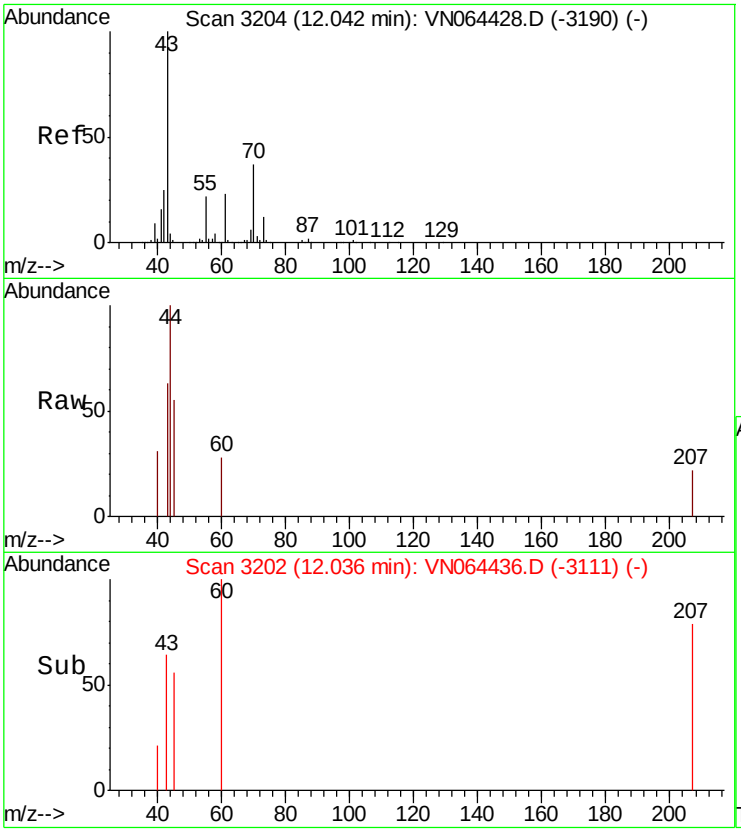


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion:152 Resp: 183361

Ion	Ratio	Lower	Upper
152	100		
115	66.4	32.0	96.0
150	157.3	0.0	353.8



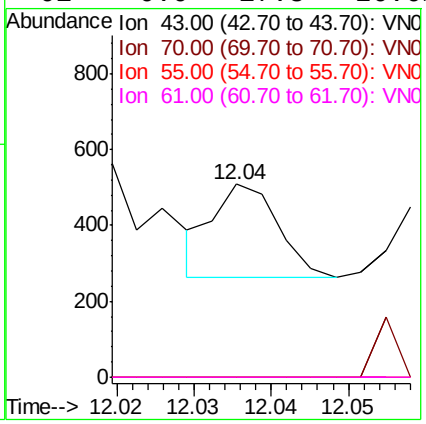


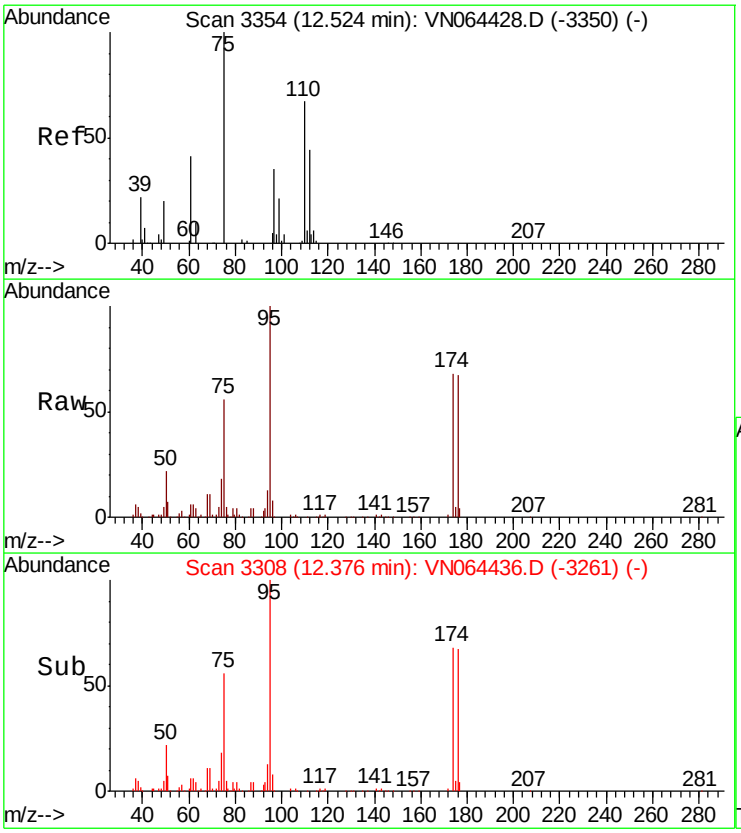
#74
N-amyl acetate
Concen: 1.234 ug/l
RT: 12.04 min Scan# 3202
Delta R.T. -0.01 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion: 43 Resp: 142

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	0.0	18.4	27.6#
61	0.0	17.8	26.6#

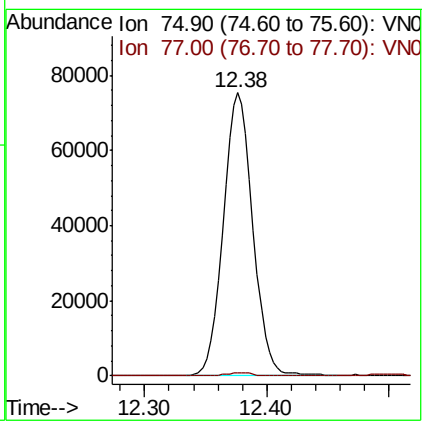


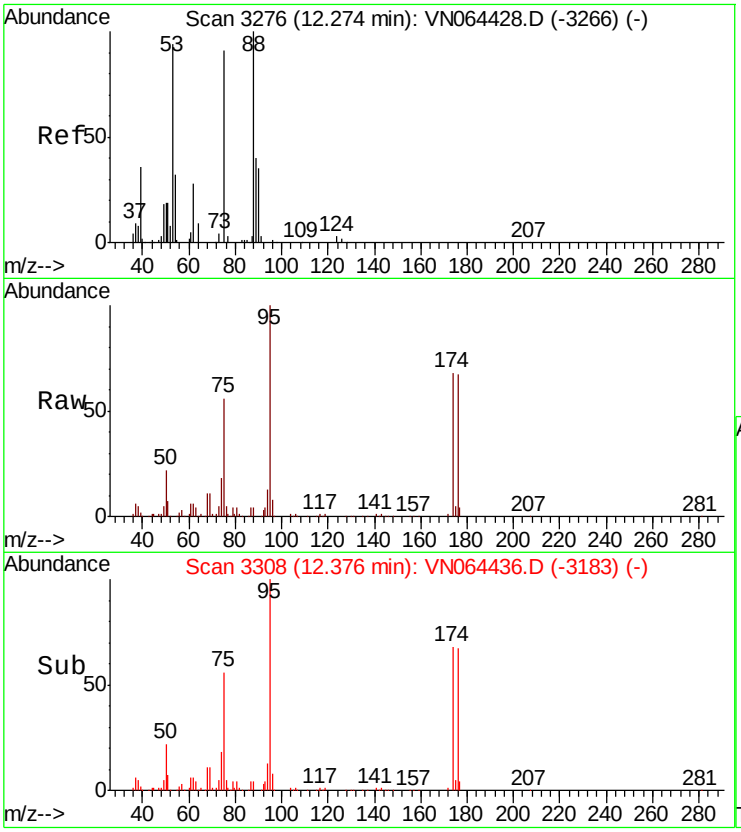


#76
1,2,3-Trichloropropane
Concen: 28.676 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 75 Resp: 127400

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



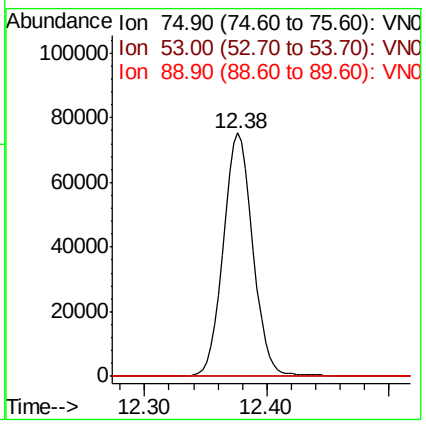


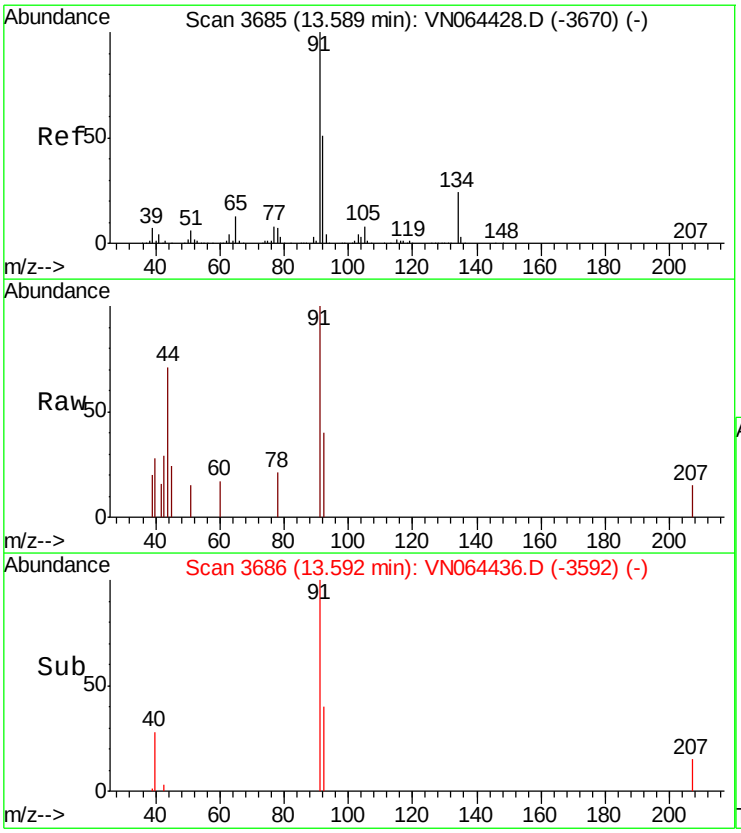
#81
trans-1,4-Dichloro-2-butene
Concen: 80.068 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Tgt Ion: 75 Resp: 127400

Ion	Ratio	Lower	Upper
75	100		
53	0.1	84.0	126.0#
89	0.0	36.3	54.5#

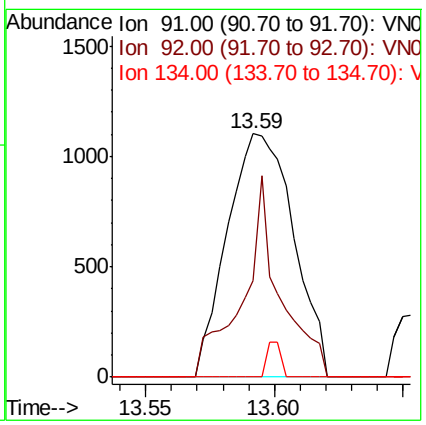


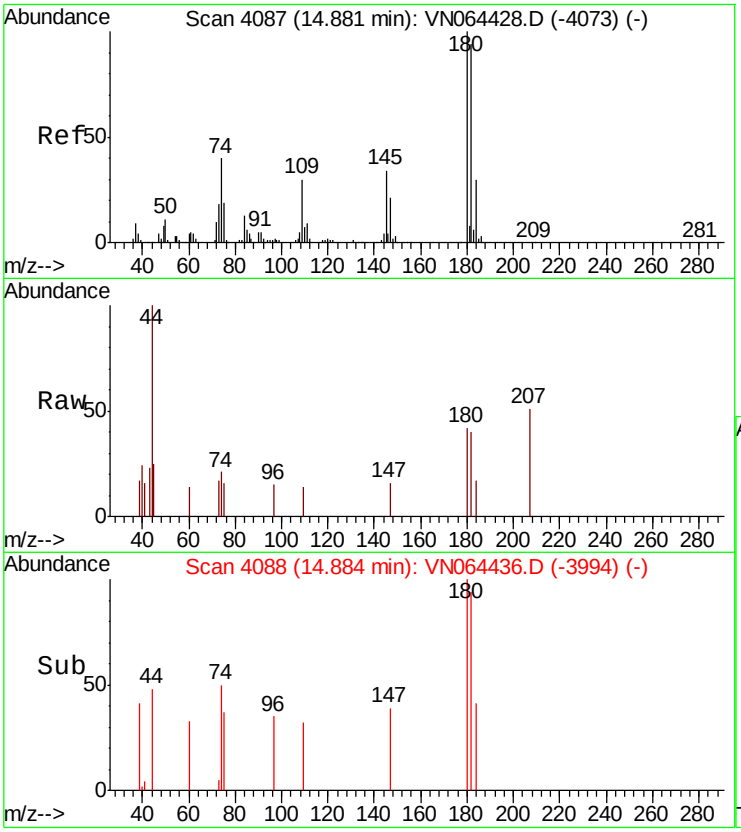


#89
n-Butylbenzene
Concen: 0.215 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion: 91 Resp: 1978

Ion	Ratio	Lower	Upper
91	100		
92	46.3	25.3	75.9
134	3.1	11.8	35.4#



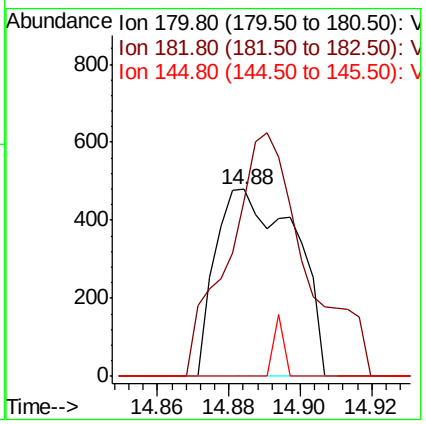


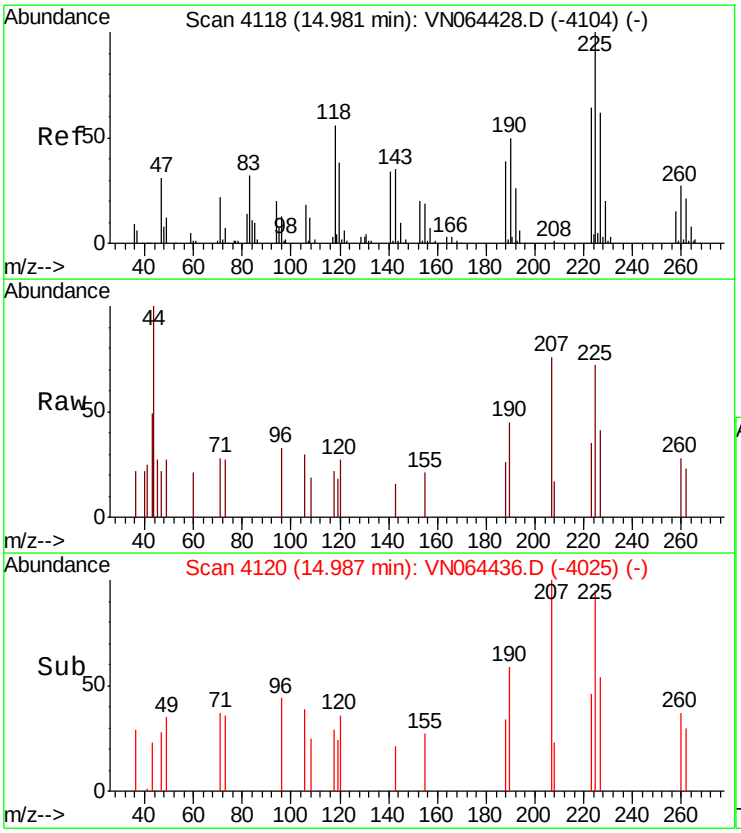
#93
1,2,4-Trichlorobenzene
Concen: 2.900 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument :
MSVOA_N
ClientSampleId :
AU-05-102820

Tgt Ion:180 Resp: 733

Ion	Ratio	Lower	Upper
180	100		
182	127.0	47.3	142.0
145	4.1	16.7	50.1#

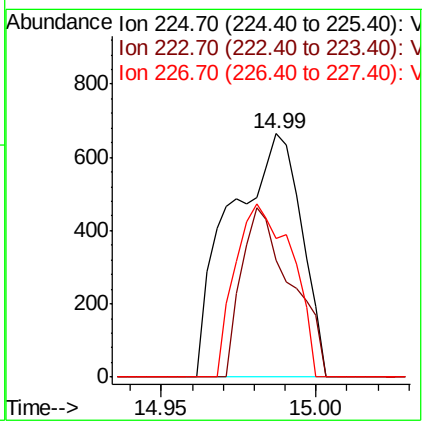


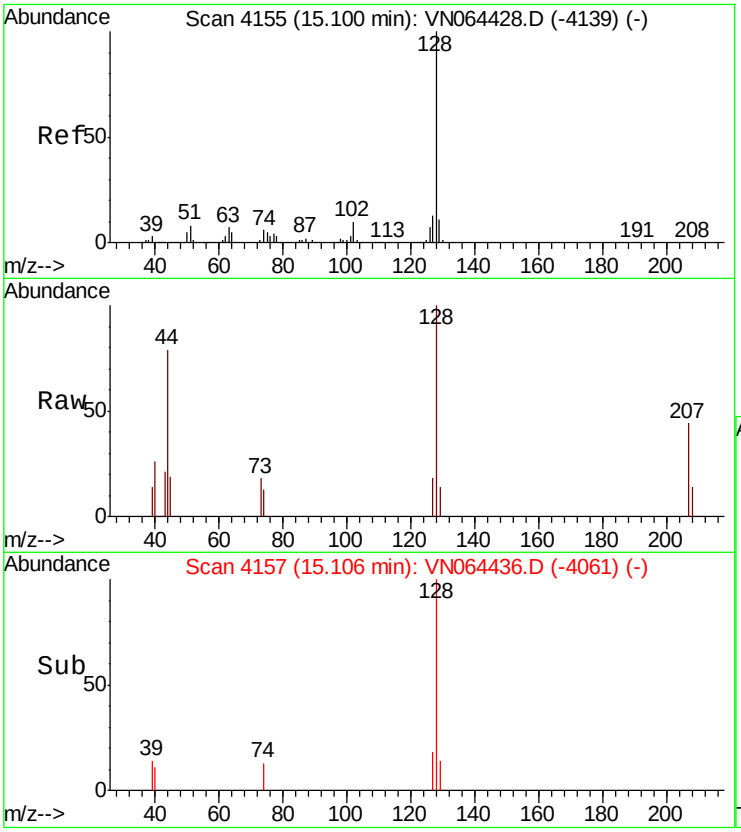


#94
Hexachlorobutadiene
Concen: 0.880 ug/l
RT: 14.99 min Scan# 4120
Delta R.T. 0.01 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion:225 Resp: 1060

Ion	Ratio	Lower	Upper
225	100		
223	48.9	31.8	95.4
227	56.8	31.8	95.4



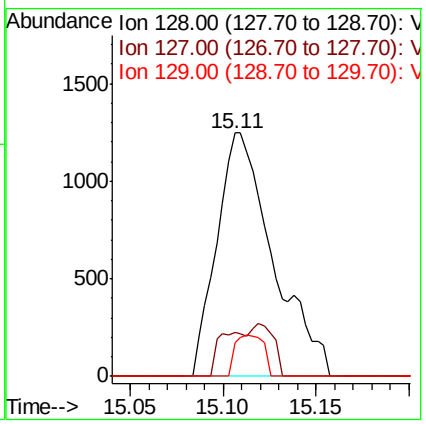


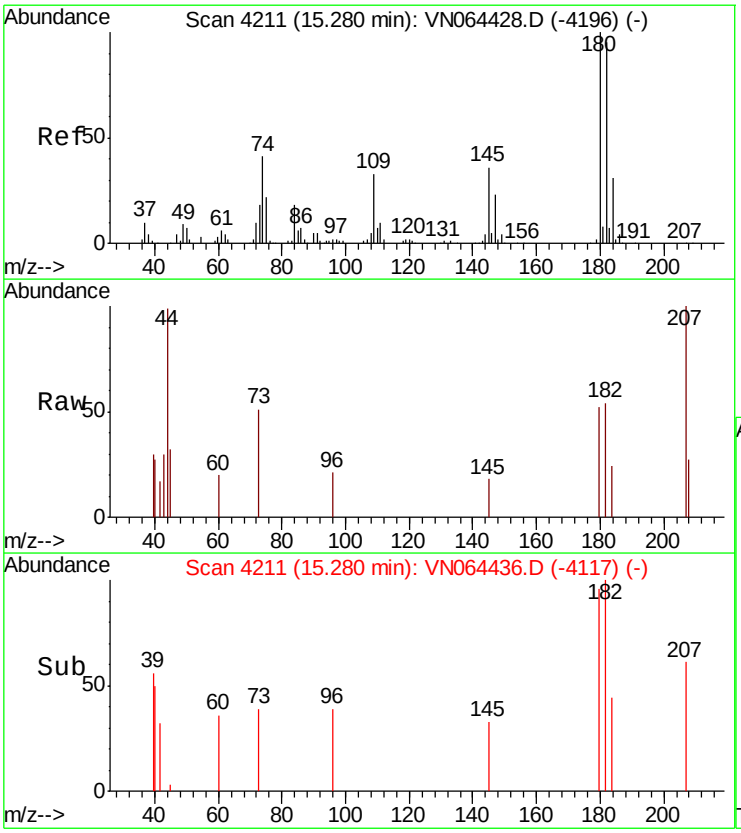
#95
Naphthalene
Concen: 3.865 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Instrument : MSVOA_N
ClientSampleId : AU-05-102820

Tgt Ion:128 Resp: 2629

Ion	Ratio	Lower	Upper
128	100		
127	18.0	10.5	15.7#
129	8.5	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 3.079 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064436.D
Acq: 4 Nov 2020 15:12

Tgt Ion:180 Resp: 915

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.7	143.1#
145	3.4	18.3	54.8#