Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101620\
Data File : VN064171.D
Acq On : 16 Oct 2020 17:56
Operator : JC/MD
Sample : PB132400ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Quant Time: Oct 17 01:30:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	343228	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	688958	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	730663	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	265431	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	293829	60.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 120.22%				
35) Dibromofluoromethane	7.55	113	232274	48.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.42%				
50) Toluene-d8	10.06	98	917082	50.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.94%				
62) 4-Bromofluorobenzene	12.38	95	311789	50.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.82%				
Target Compounds							Qvalue
3) Chloromethane	2.03	50	857	0.213	ug/l		95
11) Tert butyl alcohol	4.73	59	210	0.388	ug/l	#	71
16) Acetone	3.78	43	11288	7.785	ug/l		96
18) Methyl Acetate	4.31	43	4323	1.189	ug/l	#	55
20) Methylene Chloride	4.51	84	21506	4.793	ug/l		95
25) 2-Butanone	6.81	43	3986	1.787	ug/l	#	83
29) Tetrahydrofuran	7.17	42	805	0.618	ug/l	#	57
31) Cyclohexane	7.62	56	9738	1.802	ug/l	#	26
36) 1,1-Dichloropropene	7.63	75	30671	4.619	ug/l	#	49
38) Carbon Tetrachloride	7.62	117	34391	4.816	ug/l	#	17
43) Isopropyl Acetate	8.13	43	115688	11.829	ug/l	#	88
48) Methyl methacrylate	9.23	41	225501	49.919	ug/l	#	41
49) 1,4-Dioxane	9.22	88	208	3.032	ug/l	#	25
51) 4-Methyl-2-Pentanone	9.95	43	11879	2.053	ug/l		97
54) cis-1,3-Dichloropropene	9.87	75	47722	5.788	ug/l	#	77
56) Ethyl methacrylate	10.29	69	370	2.346	ug/l	#	26
57) 1,3-Dichloropropane	10.74	76	8947	1.061	ug/l	#	44
58) 2-Chloroethyl Vinyl ether	9.66	63	35	12.228	ug/l	#	48
59) 2-Hexanone	10.74	43	137638	36.767	ug/l	#	52
68) m/p-Xylenes	11.59	106	355	2.224	ug/l	#	1
69) o-Xylene	11.92	106	151	1.597	ug/l	#	1
70) Styrene	11.93	104	130	2.044	ug/l	#	30
71) Bromoform	12.38	173	1195	2.467	ug/l	#	1
74) N-amyl acetate	12.01	43	3258	0.452	ug/l	#	50
76) 1,2,3-Trichloropropane	12.38	75	168536	27.065	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.71	105	8902	0.577	ug/l		94
81) trans-1,4-Dichloro-2-buten	12.38	75	168536	82.687	ug/l	#	12
86) p-Isopropyltoluene	13.32	119	29	0.664	ug/l	#	1
95) Naphthalene	15.11	128	126	3.806	ug/l	#	70
96) 1,2,3-Trichlorobenzene	15.41	180	29	2.817	ug/l	#	13

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101620\
Data File : VN064171.D
Acq On : 16 Oct 2020 17:56
Operator : JC/MD
Sample : PB132400ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Quant Time: Oct 17 01:30:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
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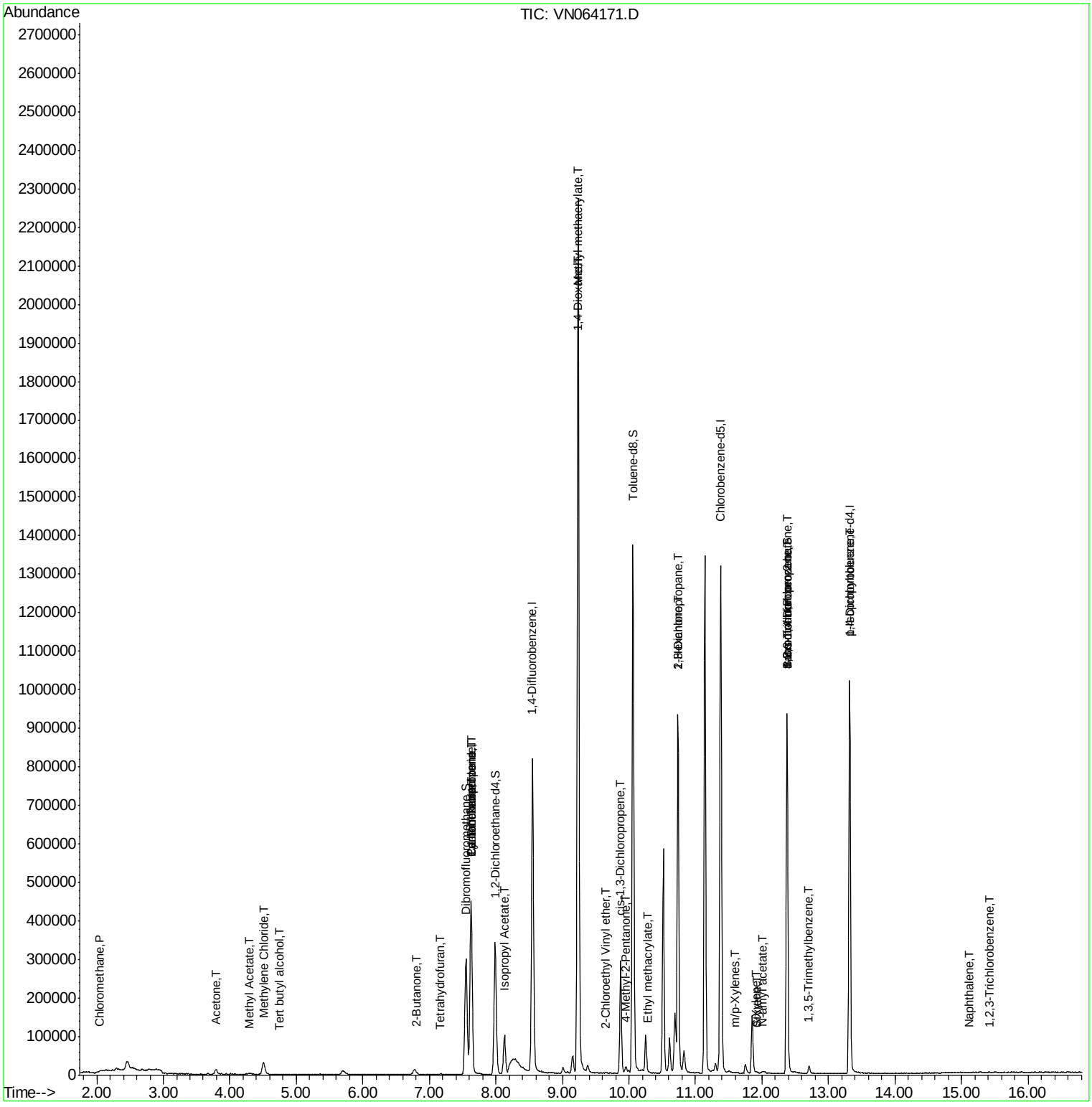
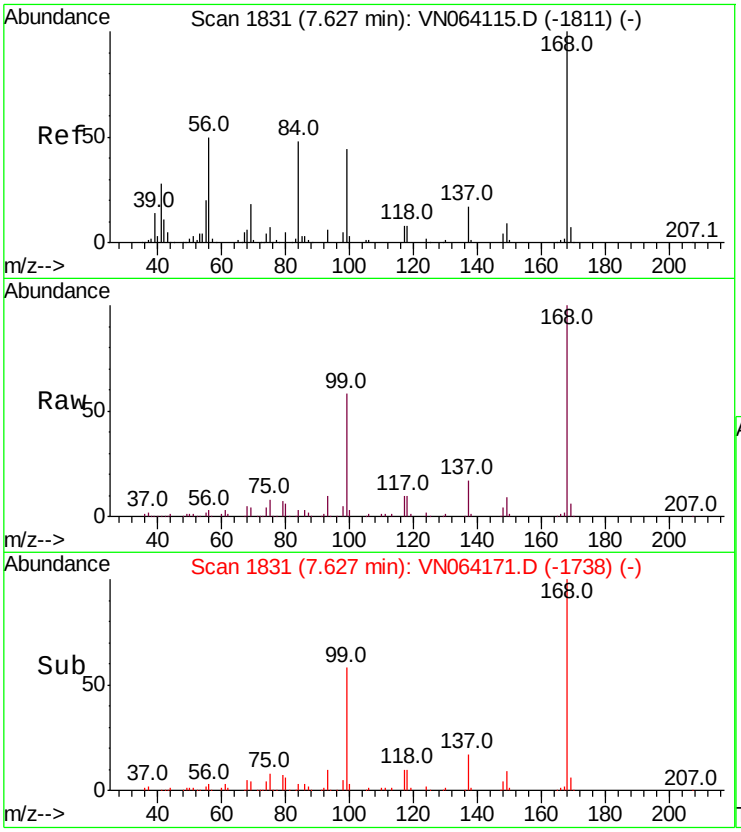
Response via : Initial Calibration



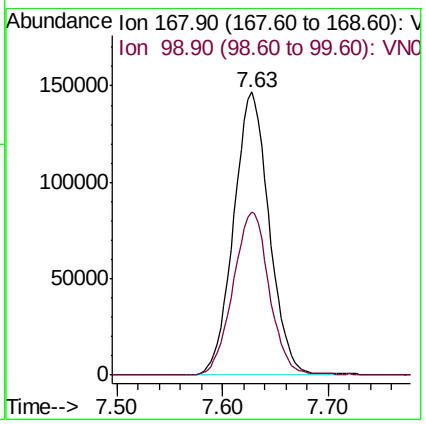


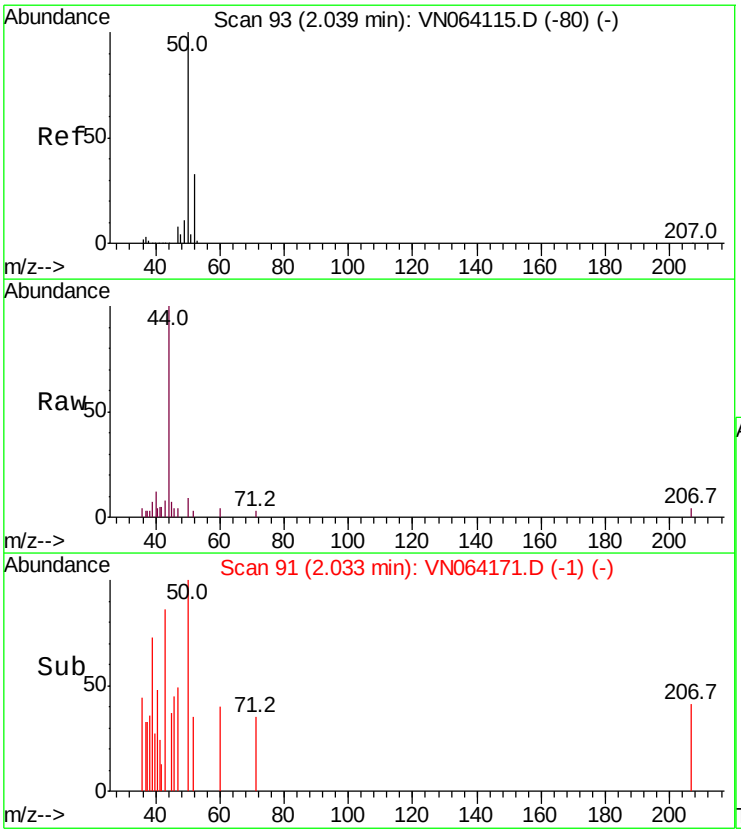
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:168 Resp: 343228

Ion	Ratio	Lower	Upper
168	100		
99	57.6	43.6	65.4

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

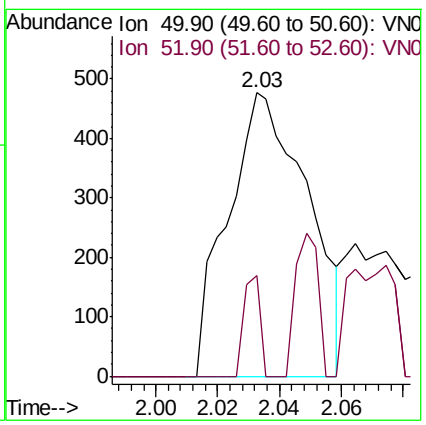


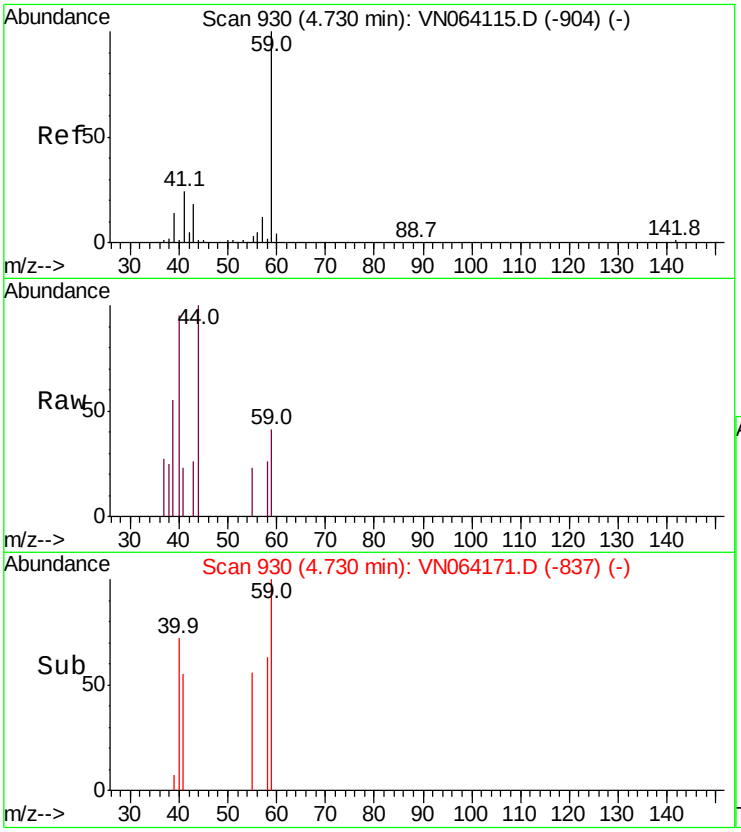


#3
Chloromethane
Concen: 0.213 ug/l
RT: 2.03 min Scan# 91
Delta R.T. -0.01 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 50 Resp: 857

Ion	Ratio	Lower	Upper
50	100		
52	35.4	26.1	39.1

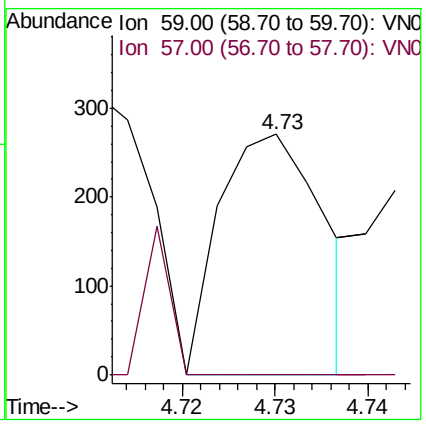




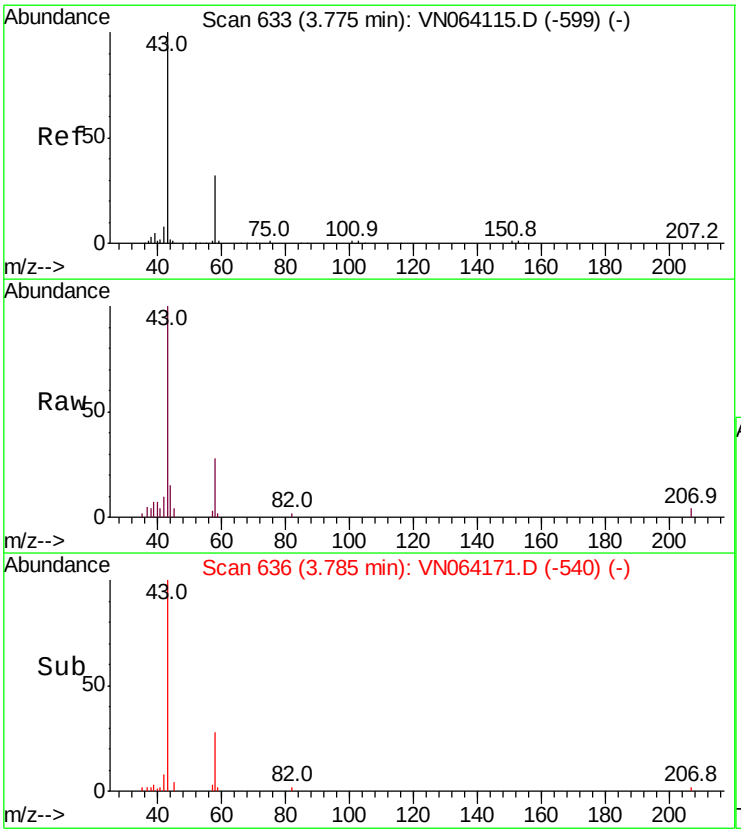
#11
Tert butyl alcohol
Concen: 0.388 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 59 Resp: 210

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



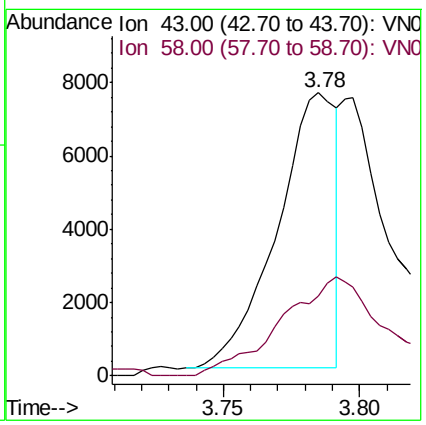
Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

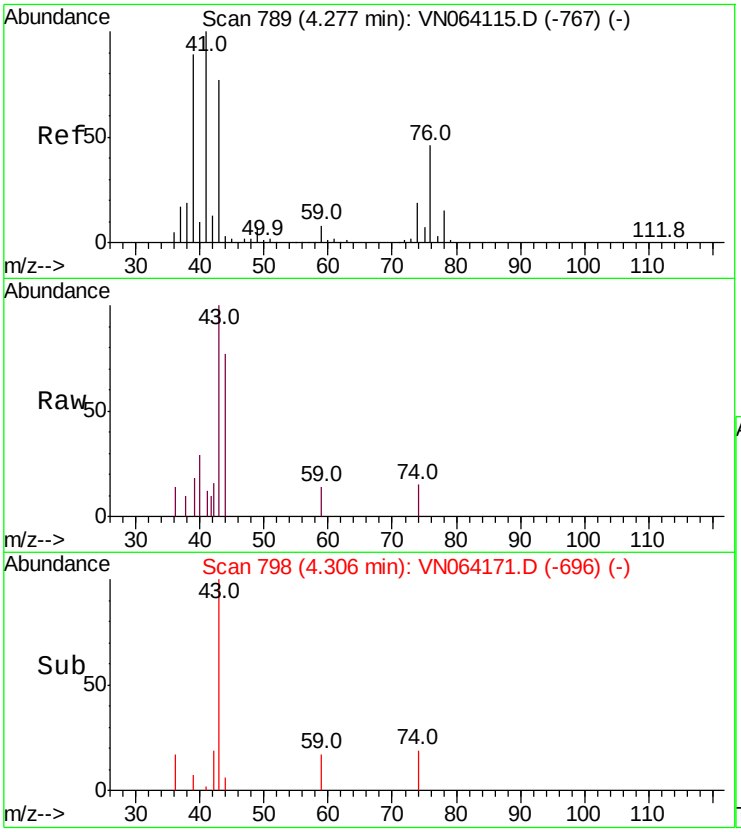


#16
Acetone
Concen: 7.785 ug/l
RT: 3.78 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 43 Resp: 11288

Ion	Ratio	Lower	Upper
43	100		
58	29.1	25.2	37.8



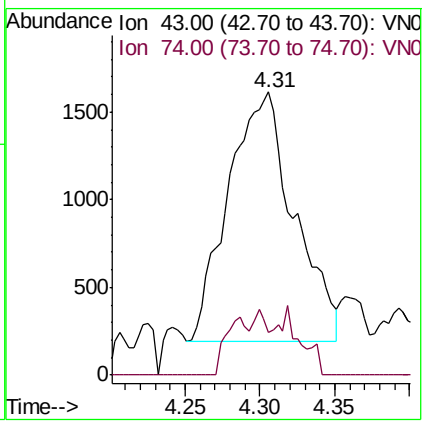


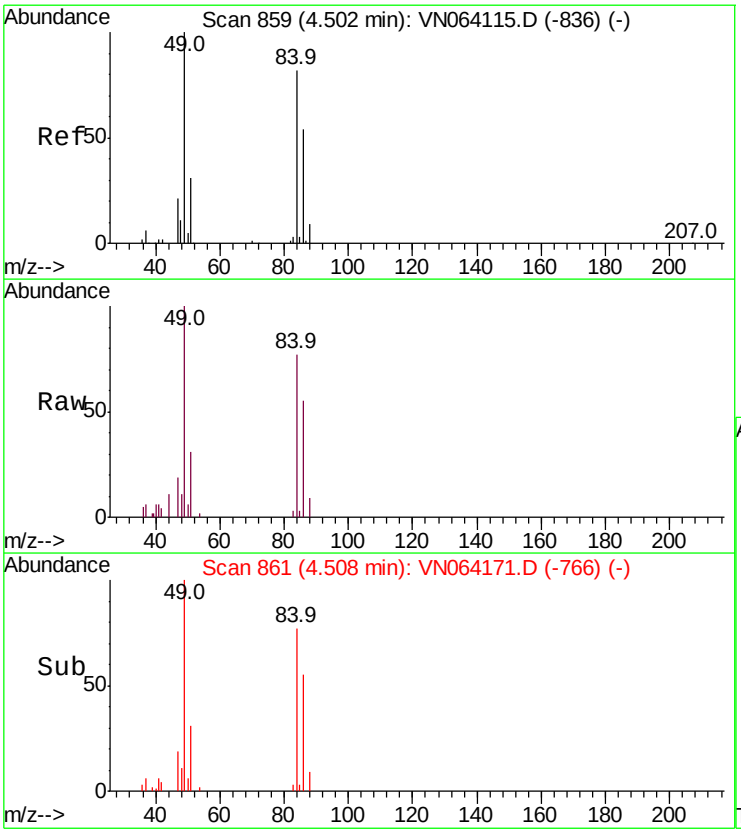
#18
Methyl Acetate
Concen: 1.189 ug/l
RT: 4.31 min Scan# 798
Delta R.T. 0.03 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 43 Resp: 4323

Ion	Ratio	Lower	Upper
43	100		
74	2.2	19.7	29.5#

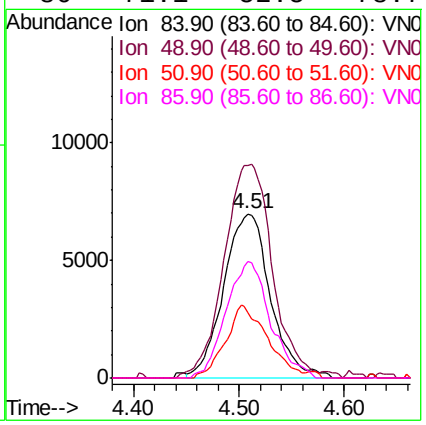


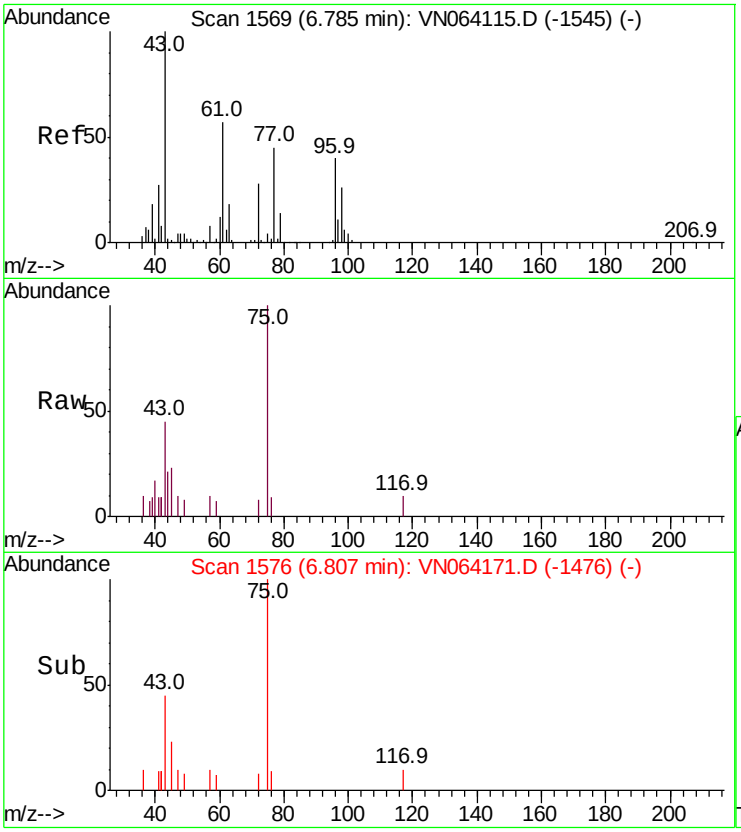


#20
Methylene Chloride
Concen: 4.793 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 84 Resp: 21506

Ion	Ratio	Lower	Upper
84	100		
49	126.2	97.4	146.0
51	39.5	29.7	44.5
86	71.1	52.5	78.7



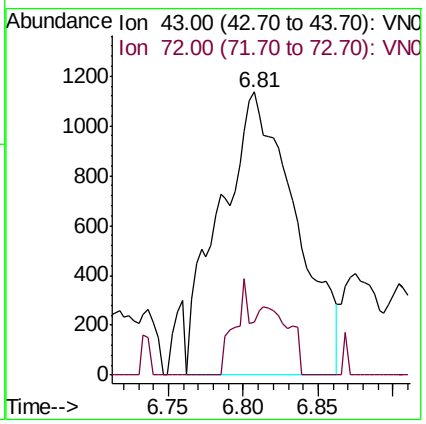


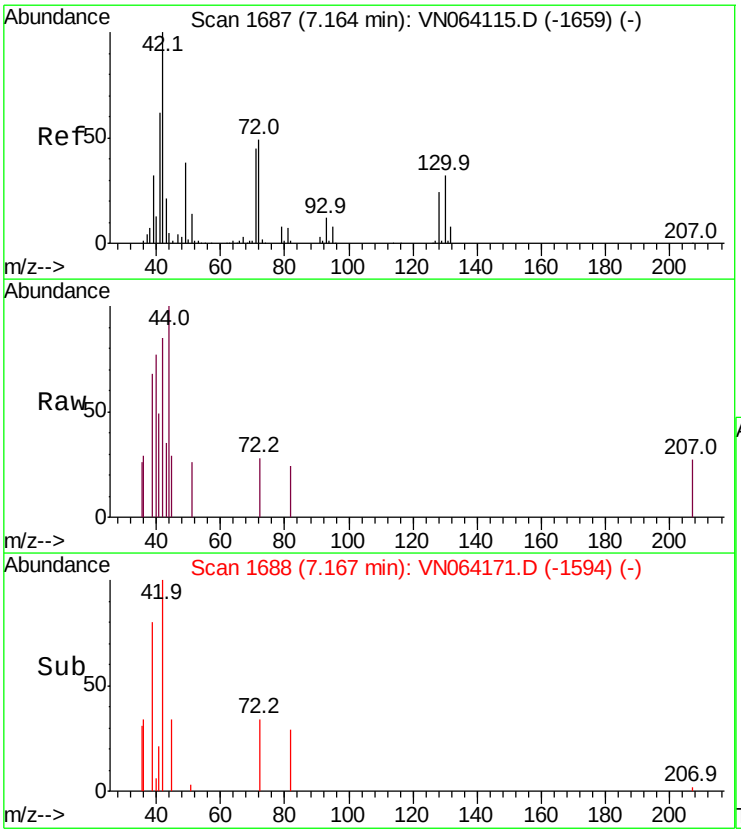
#25
2-Butanone
Concen: 1.787 ug/l
RT: 6.81 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 43 Resp: 3986

Ion	Ratio	Lower	Upper
43	100		
72	18.8	22.2	33.2#

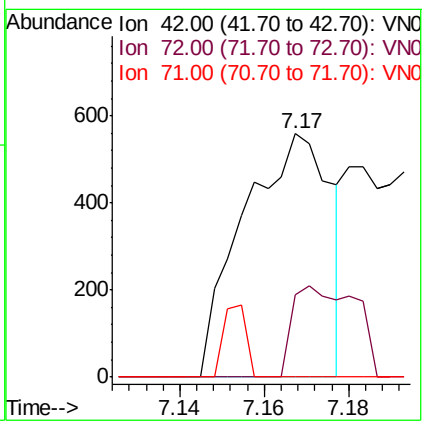


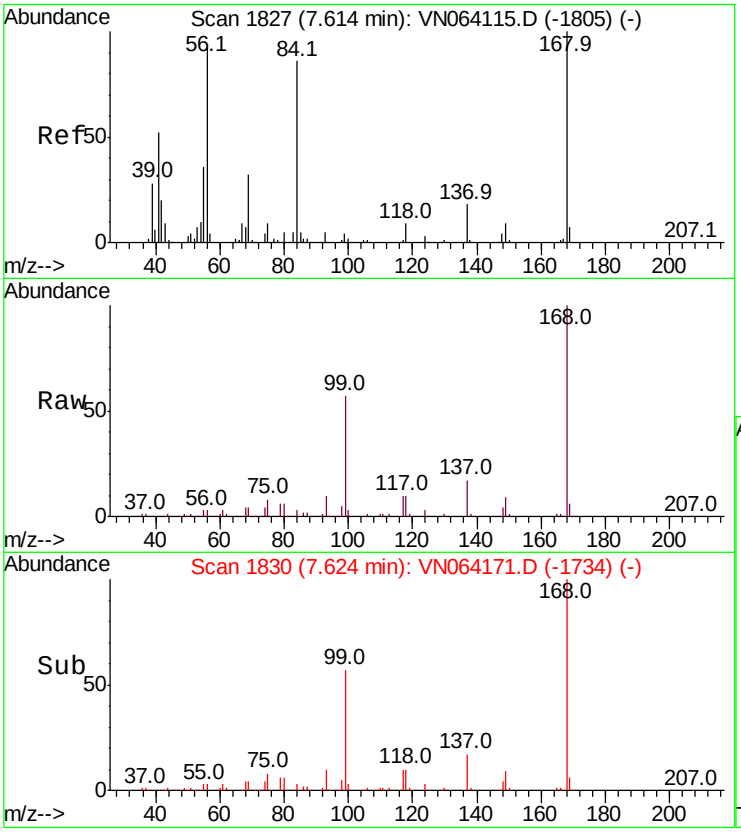


#29
Tetrahydrofuran
Concen: 0.618 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 42 Resp: 805

Ion	Ratio	Lower	Upper
42	100		
72	27.0	37.8	56.6#
71	7.7	35.3	52.9#



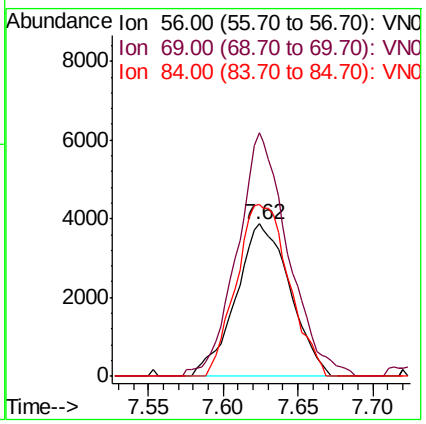


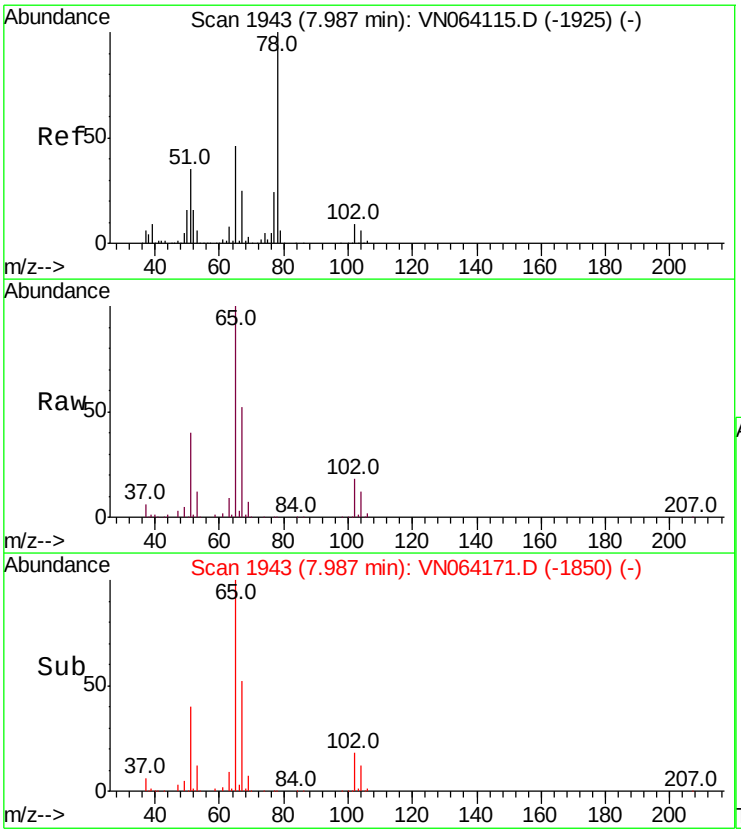
#31
Cyclohexane
Concen: 1.802 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 56 Resp: 9738

Ion	Ratio	Lower	Upper
56	100		
69	155.7	27.8	41.6#
84	112.6	73.2	109.8#

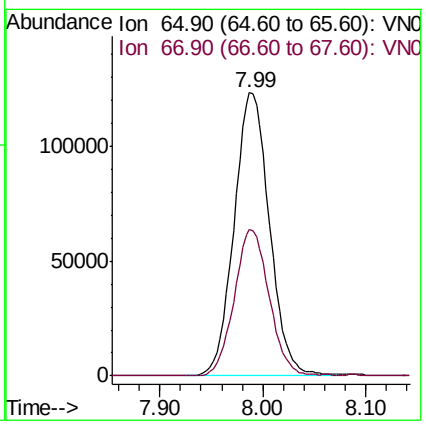


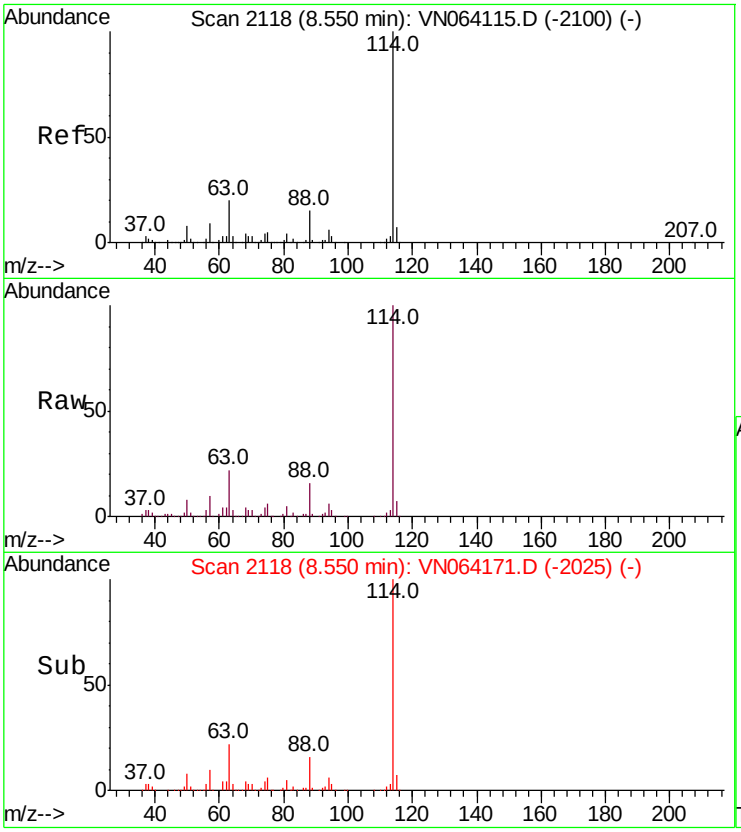


#33
1,2-Dichloroethane-d4
Concen: 60.109 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 65 Resp: 293829

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.6



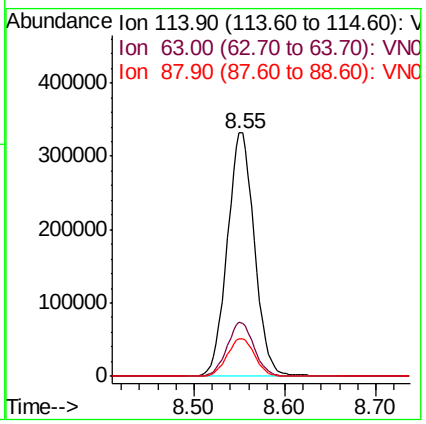


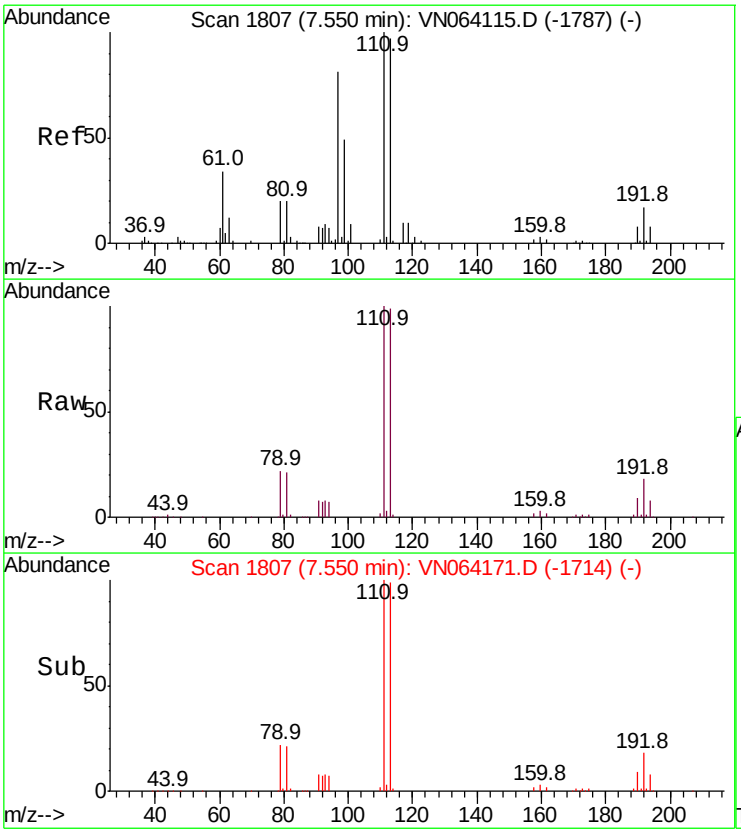
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

Tgt Ion:114 Resp: 688958

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.0
88	15.6	0.0	29.2

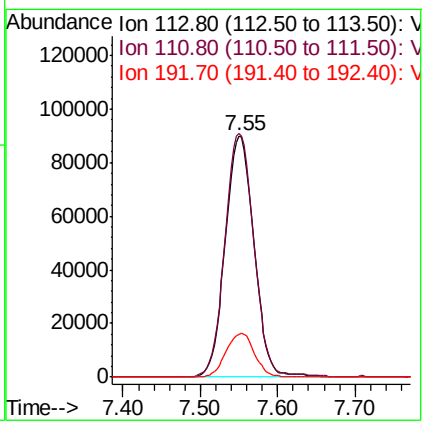


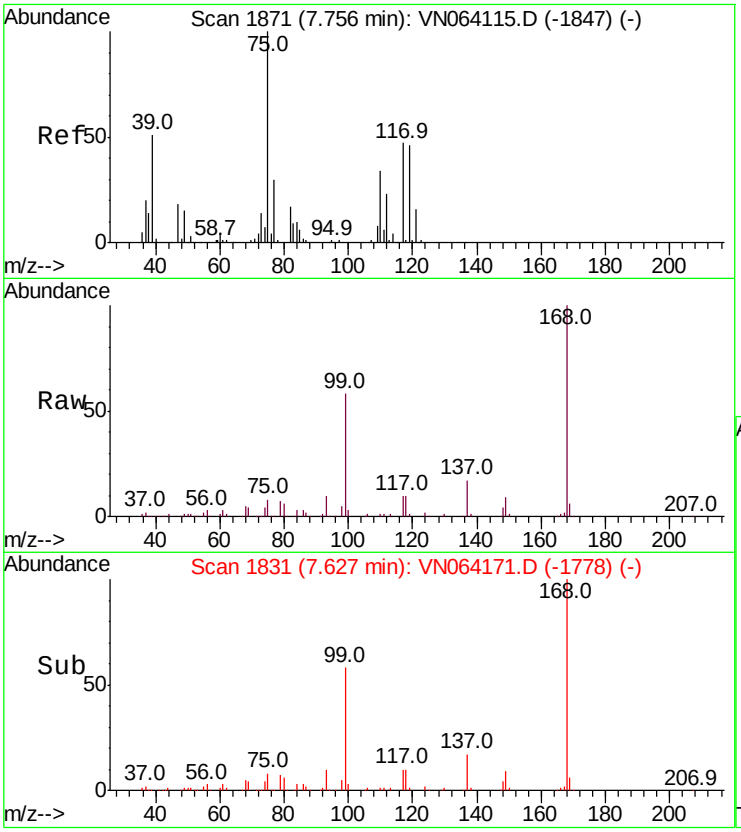


#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:113 Resp: 232274

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	17.8	14.3	21.5



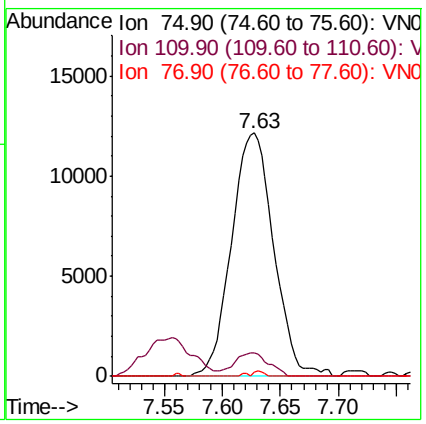


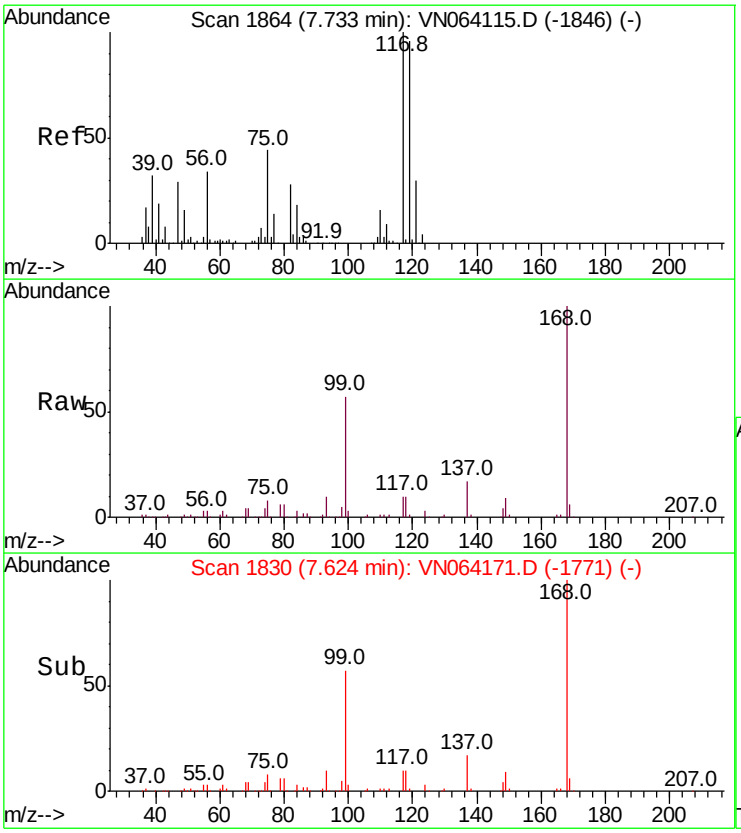
#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 75 Resp: 30671

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.8	53.3#
77	0.6	24.9	37.3#

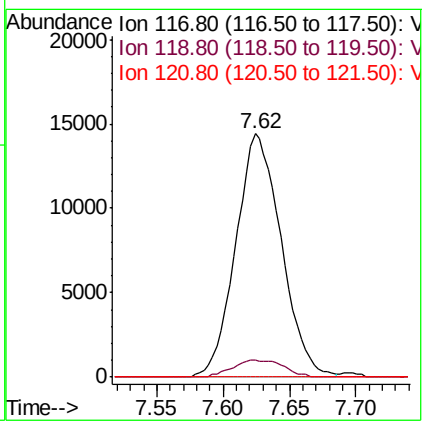


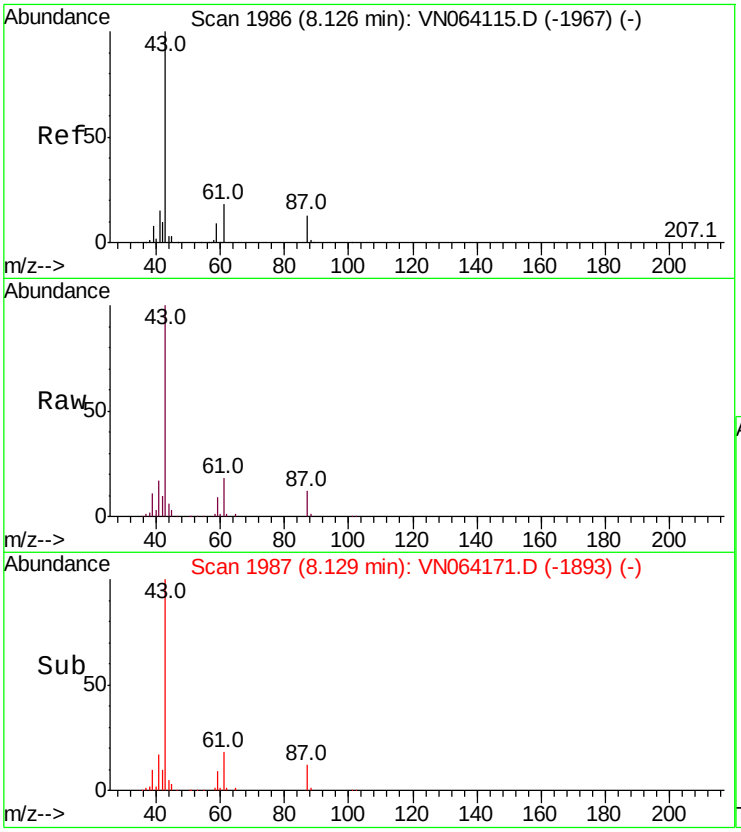


#38
Carbon Tetrachloride
Concen: 4.816 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:117 Resp: 34391

Ion	Ratio	Lower	Upper
117	100		
119	6.9	77.0	115.4#
121	0.0	24.2	36.4#



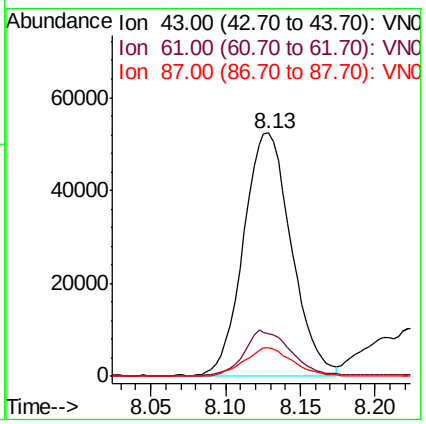


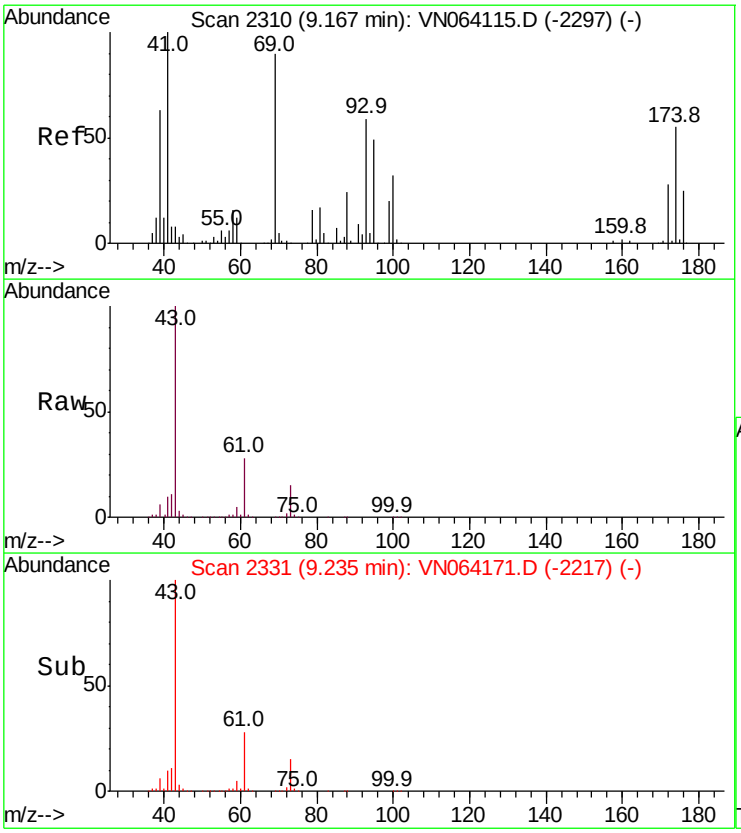
#43
Isopropyl Acetate
Concen: 11.829 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 43 Resp: 115688

Ion	Ratio	Lower	Upper
43	100		
61	18.9	21.9	32.9#
87	12.0	11.0	16.4

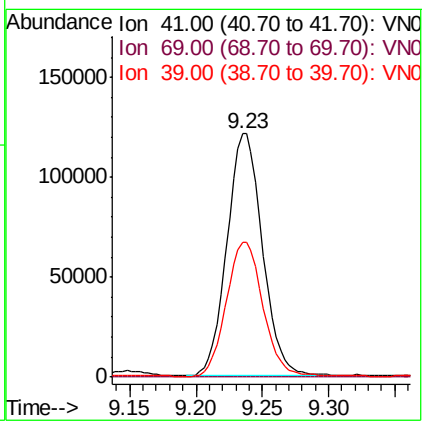


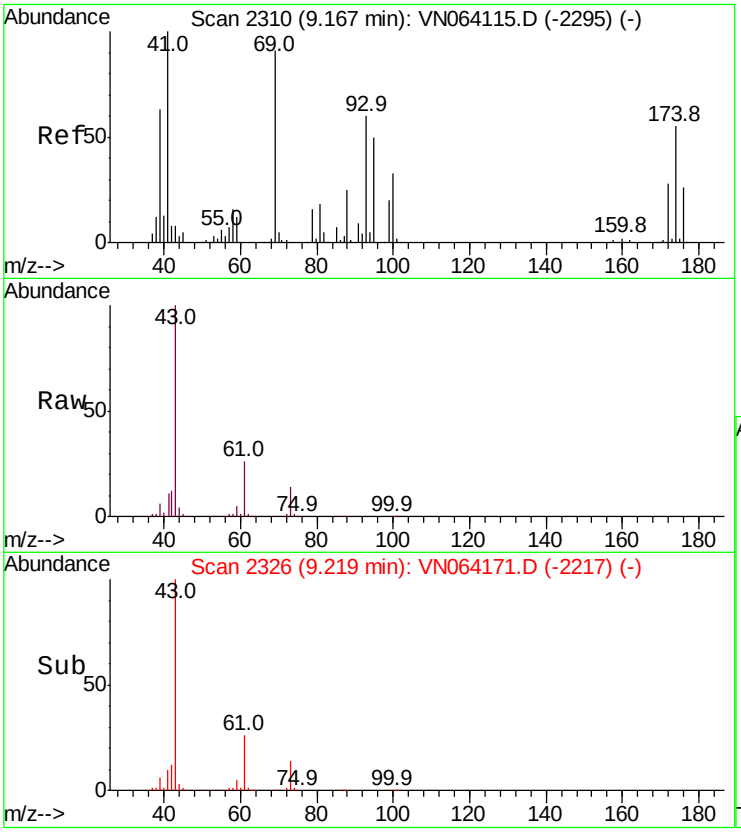


#48
Methyl methacrylate
Concen: 49.919 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 41 Resp: 225501

Ion	Ratio	Lower	Upper
41	100		
69	0.2	71.4	107.2#
39	57.2	52.5	78.7



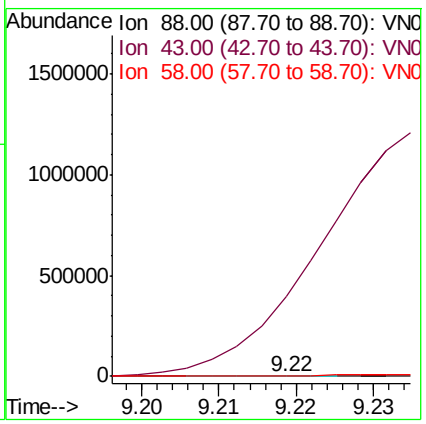


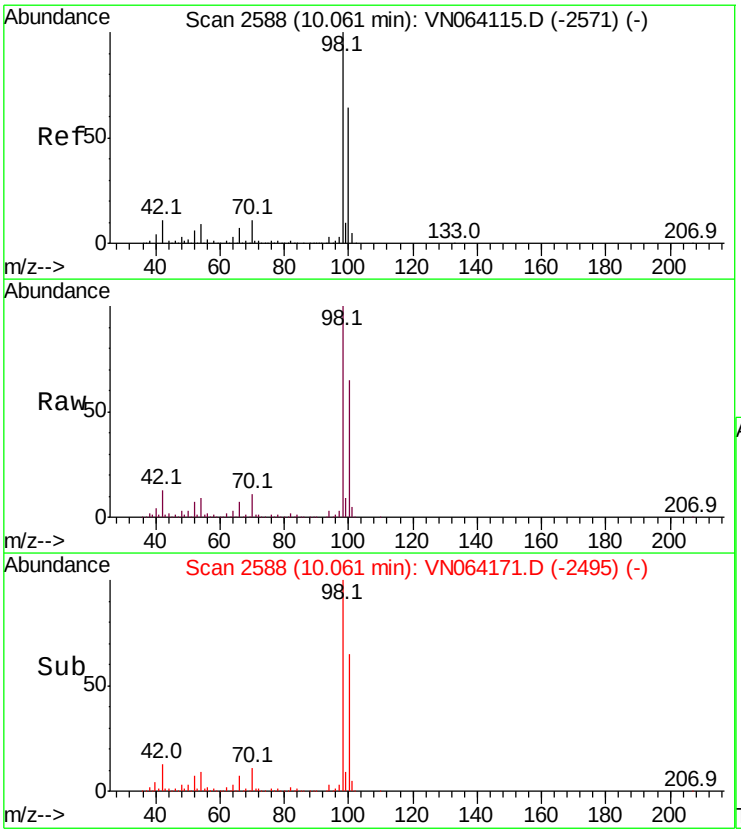
#49
1,4-Dioxane
Concen: 3.032 ug/l
RT: 9.22 min Scan# 2326
Delta R.T. 0.05 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

Tgt Ion: 88 Resp: 208

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.2	40.8#
58	0.0	52.6	78.8#

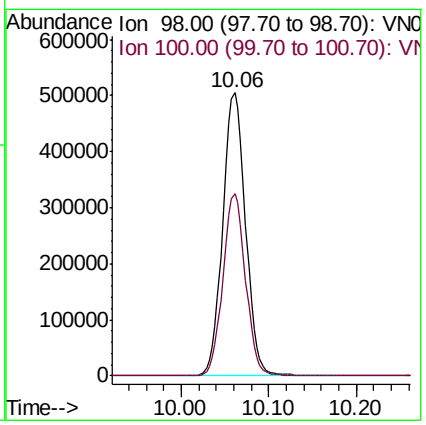


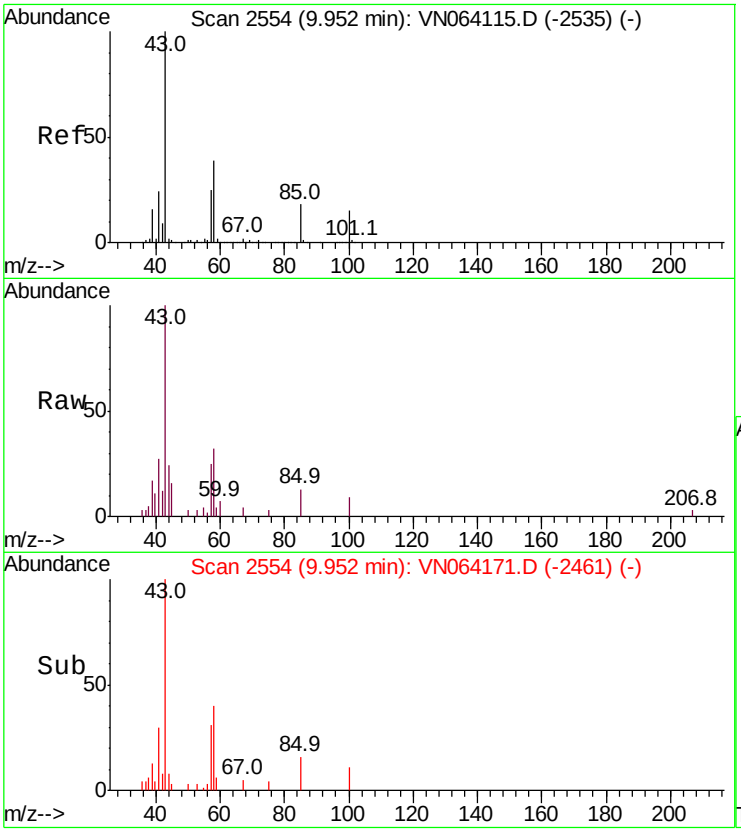


#50
Toluene-d8
Concen: 50.970 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 98 Resp: 917082

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.8	76.2



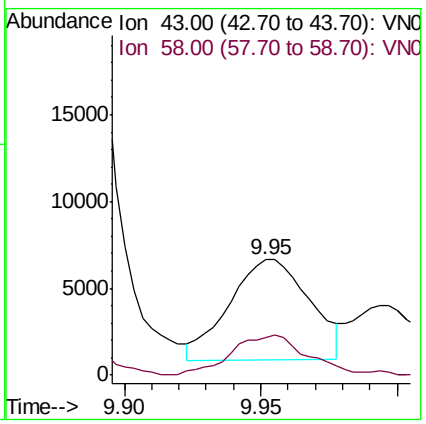


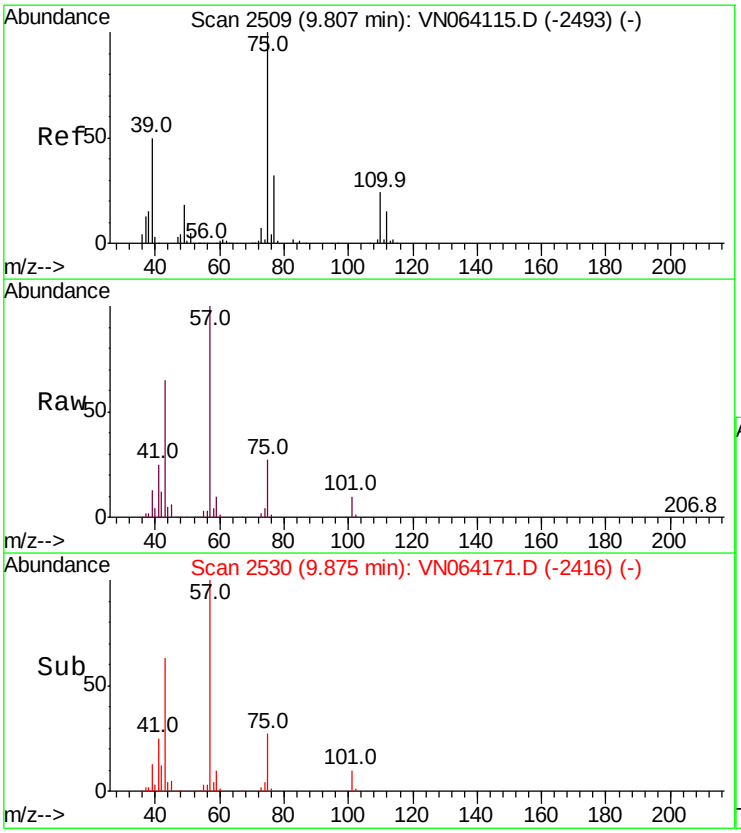
#51
4-Methyl-2-Pentanone
Concen: 2.053 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

Tgt Ion: 43 Resp: 11879

Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.2	46.8

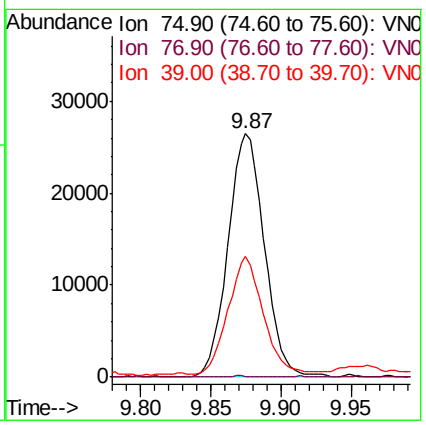


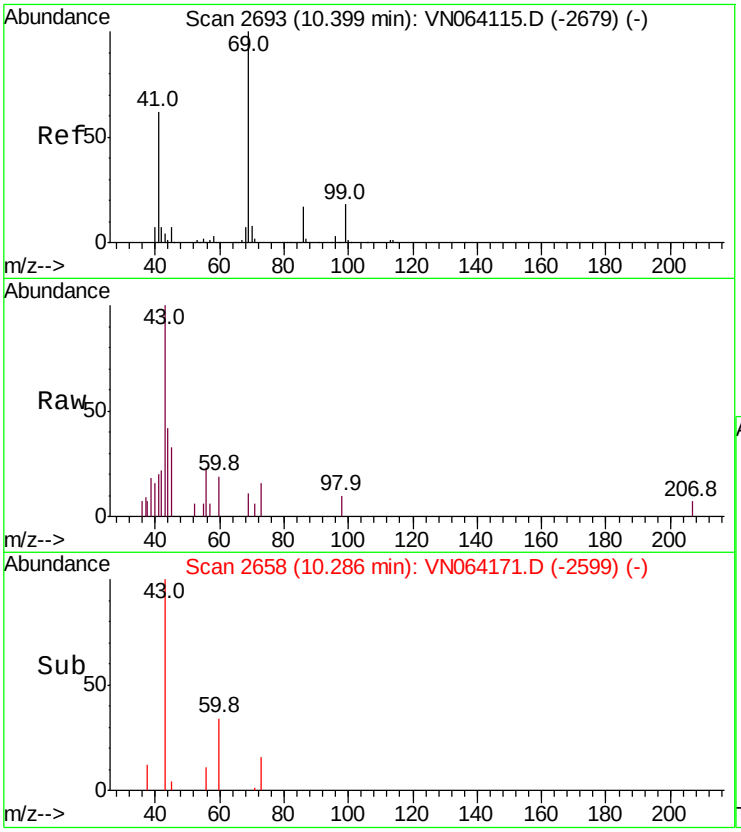


#54
cis-1,3-Dichloropropene
Concen: 5.788 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 75 Resp: 47722

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
39	48.3	39.8	59.8



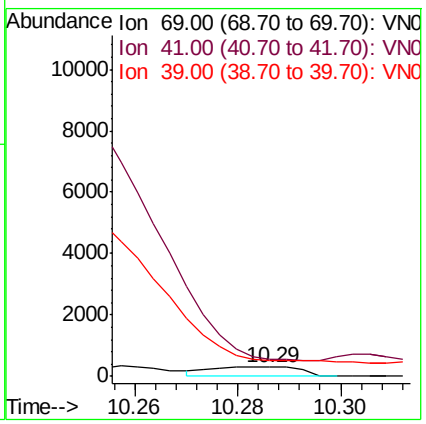


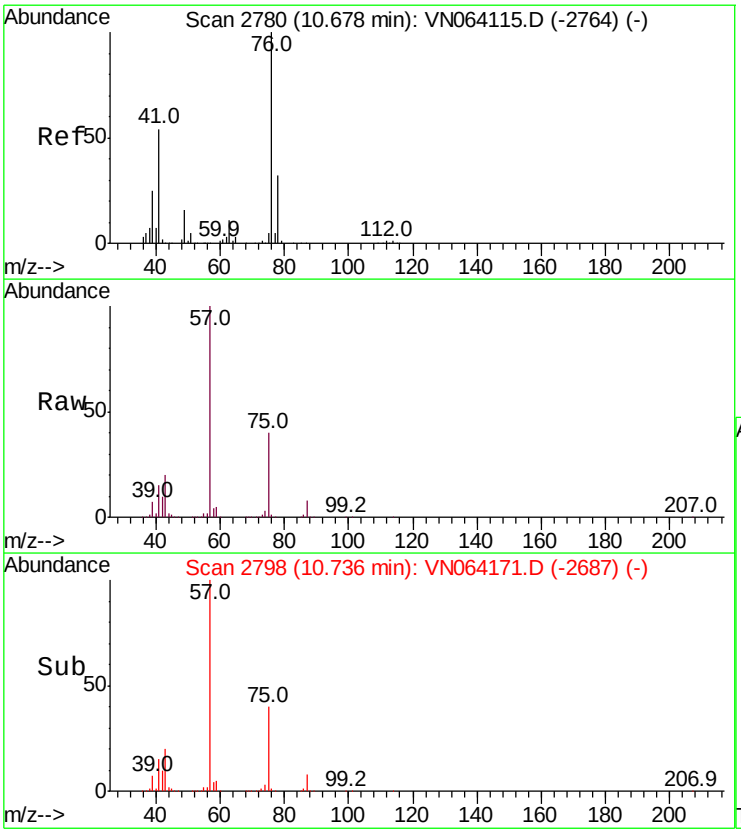
#56
Ethyl methacrylate
Concen: 2.346 ug/l
RT: 10.29 min Scan# 2658
Delta R.T. -0.11 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 69 Resp: 370

Ion	Ratio	Lower	Upper
69	100		
41	0.0	49.3	73.9#
39	0.0	32.7	49.1#

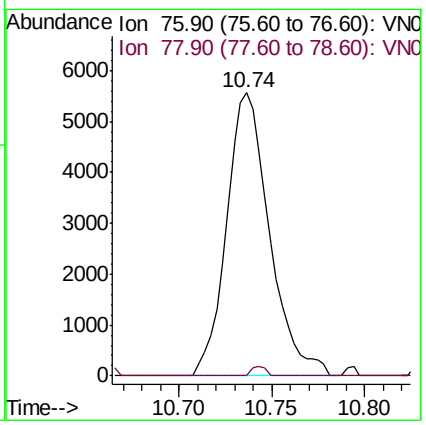


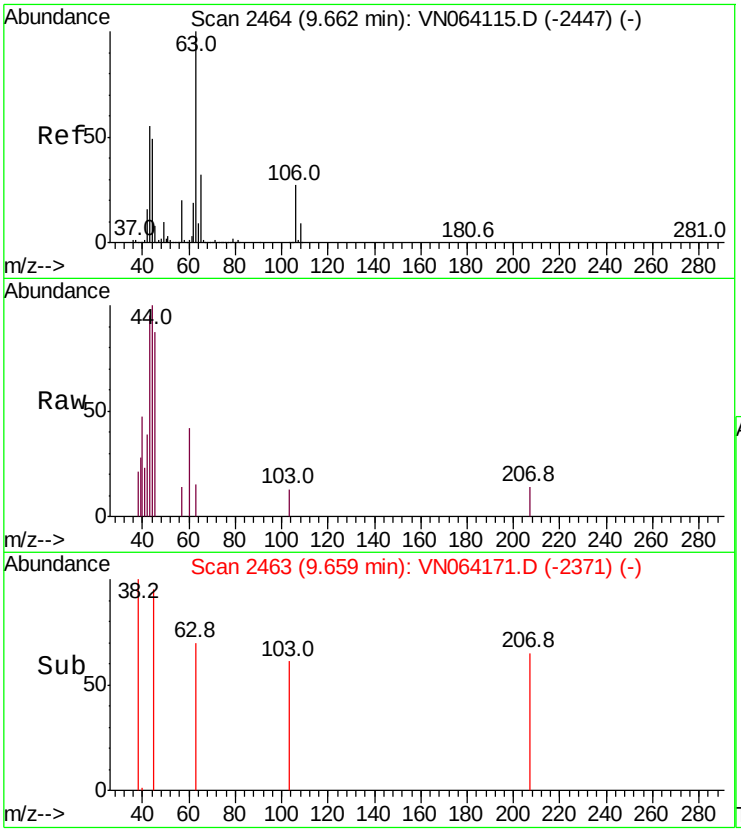


#57
1,3-Dichloropropane
Concen: 1.061 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 76 Resp: 8947

Ion	Ratio	Lower	Upper
76	100		
78	1.1	26.1	39.1#



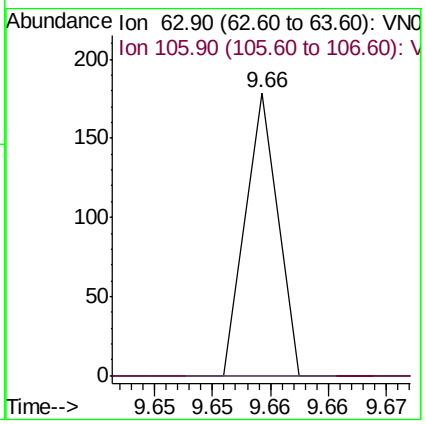


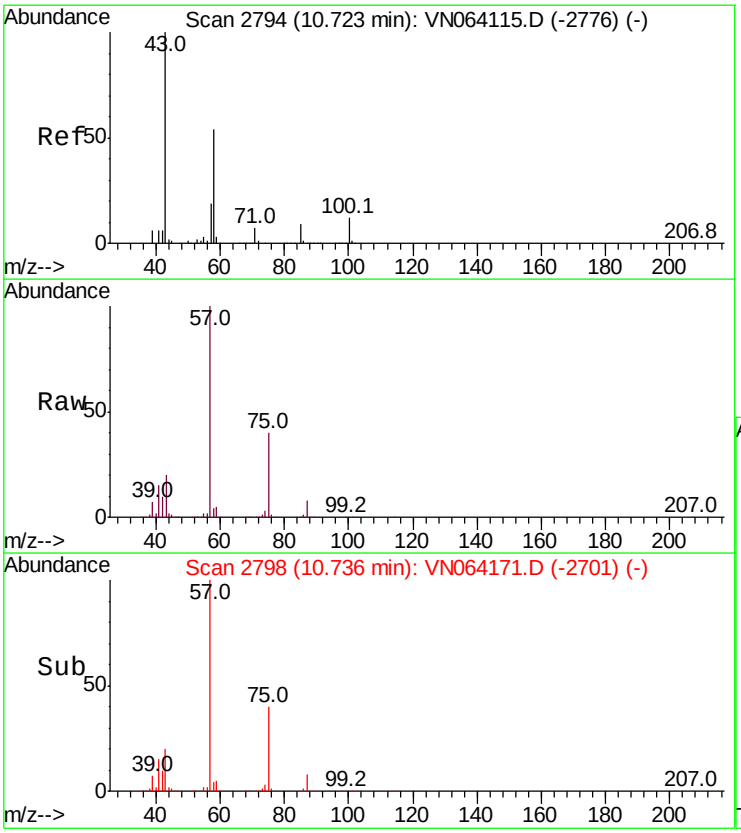
#58
2-Chloroethyl Vinyl ether
Concen: 12.228 ug/l
RT: 9.66 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 63 Resp: 35

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.8	32.6#

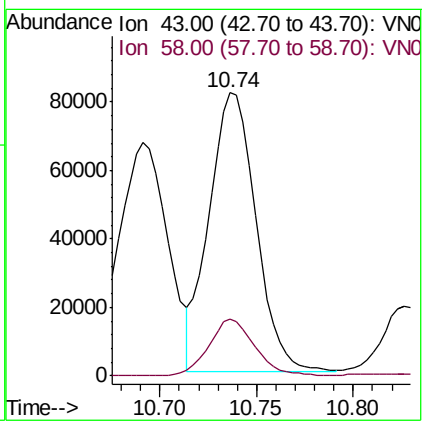


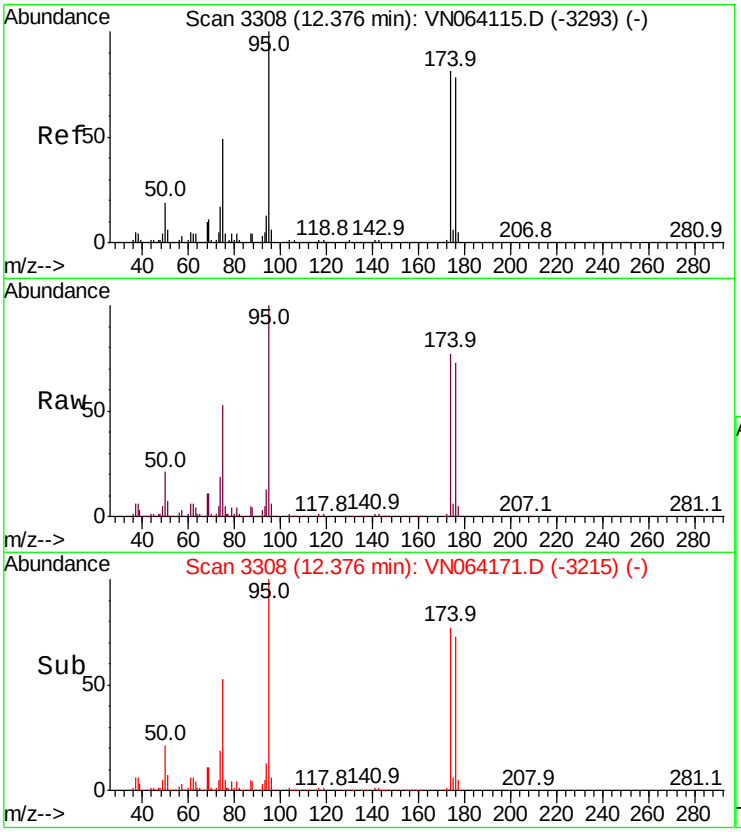


#59
2-Hexanone
Concen: 36.767 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 43 Resp: 137638

Ion	Ratio	Lower	Upper
43	100		
58	20.1	27.2	81.6#



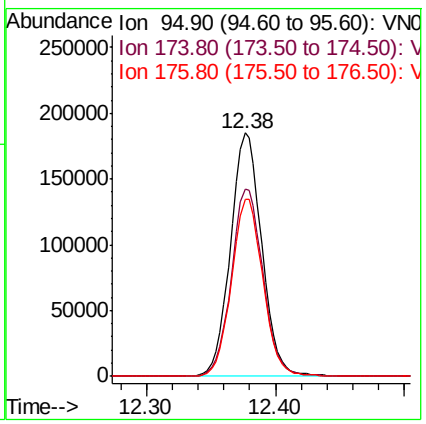


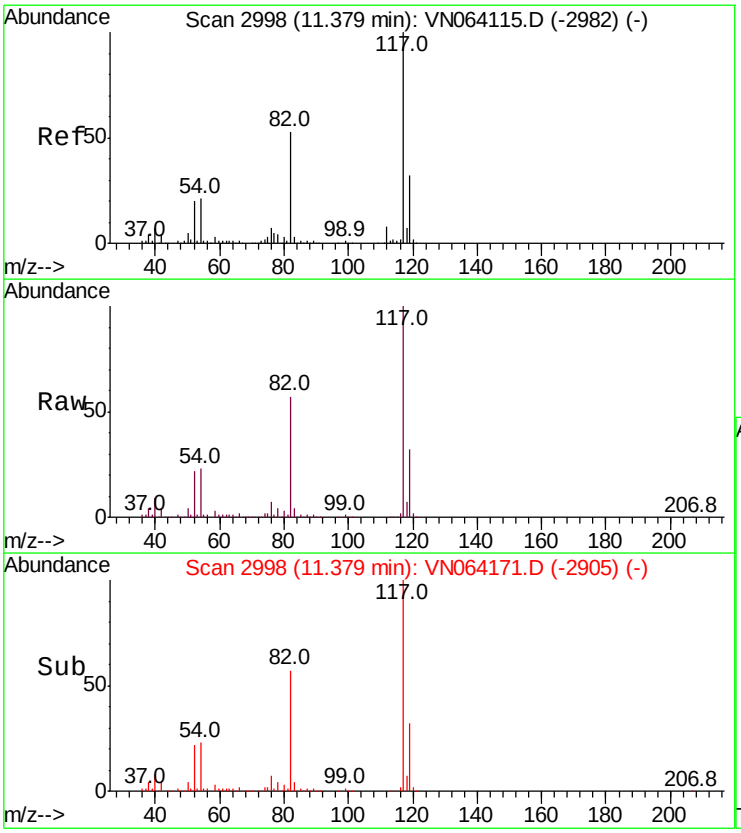
#62
4-Bromofluorobenzene
Concen: 50.414 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

Tgt Ion: 95 Resp: 311789

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	164.8
176	73.4	0.0	157.8

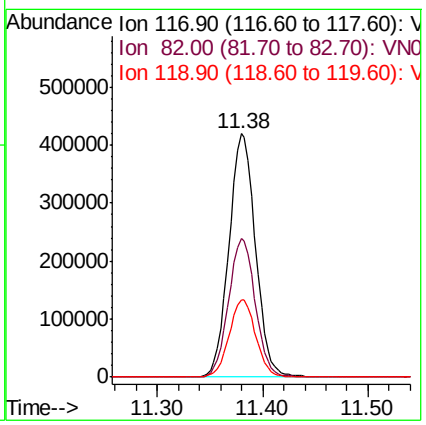


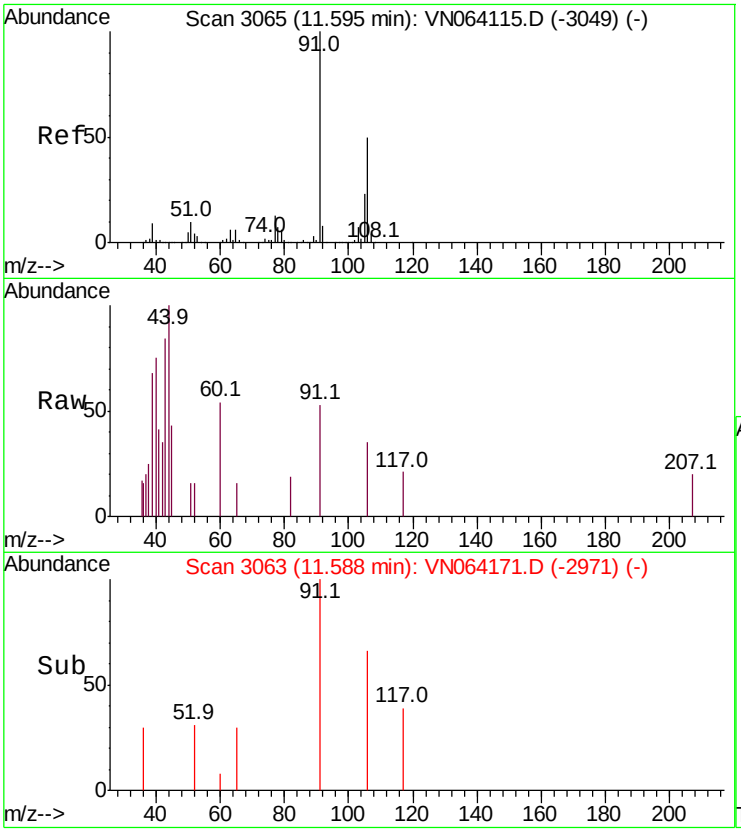


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:117 Resp: 730663

Ion	Ratio	Lower	Upper
117	100		
82	56.8	42.6	63.8
119	31.8	25.5	38.3



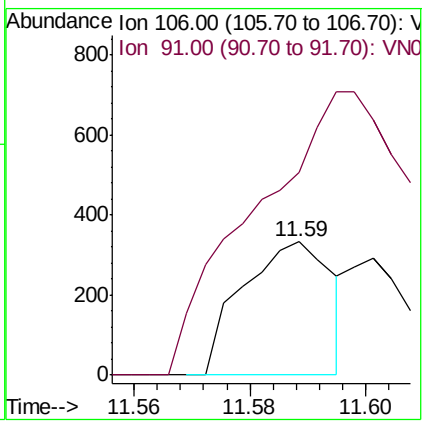


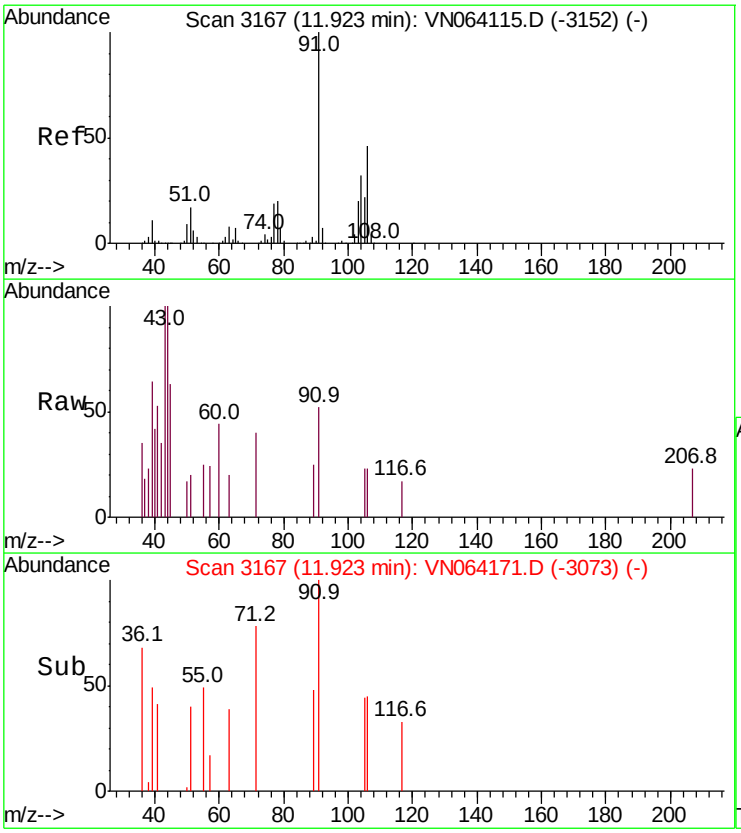
#68
m/p-Xylenes
Concen: 2.224 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

Tgt Ion:106 Resp: 355

Ion	Ratio	Lower	Upper
106	100		
91	373.5	162.1	243.1#

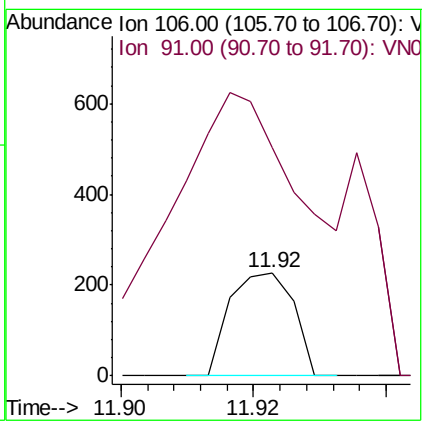


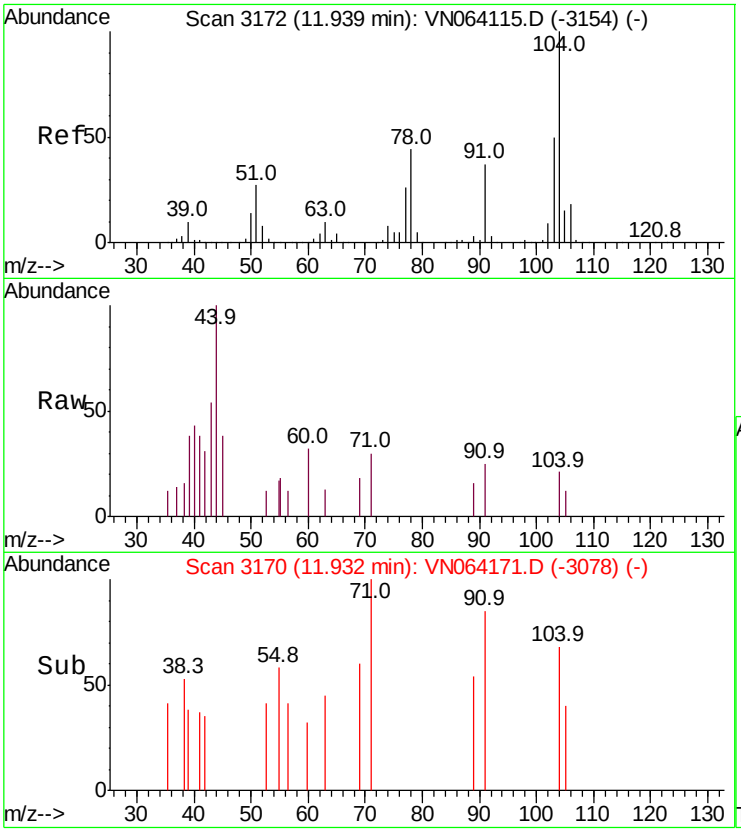


#69
o-Xylene
Concen: 1.597 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:106 Resp: 151

Ion	Ratio	Lower	Upper
106	100		
91	581.5	107.6	322.8#



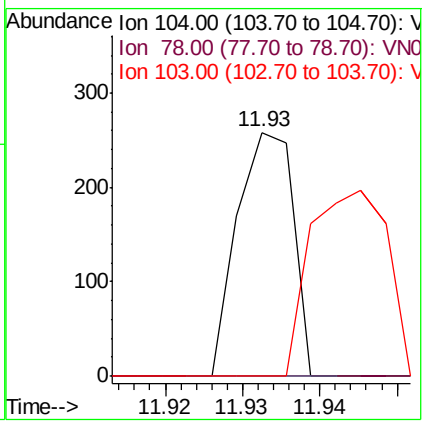


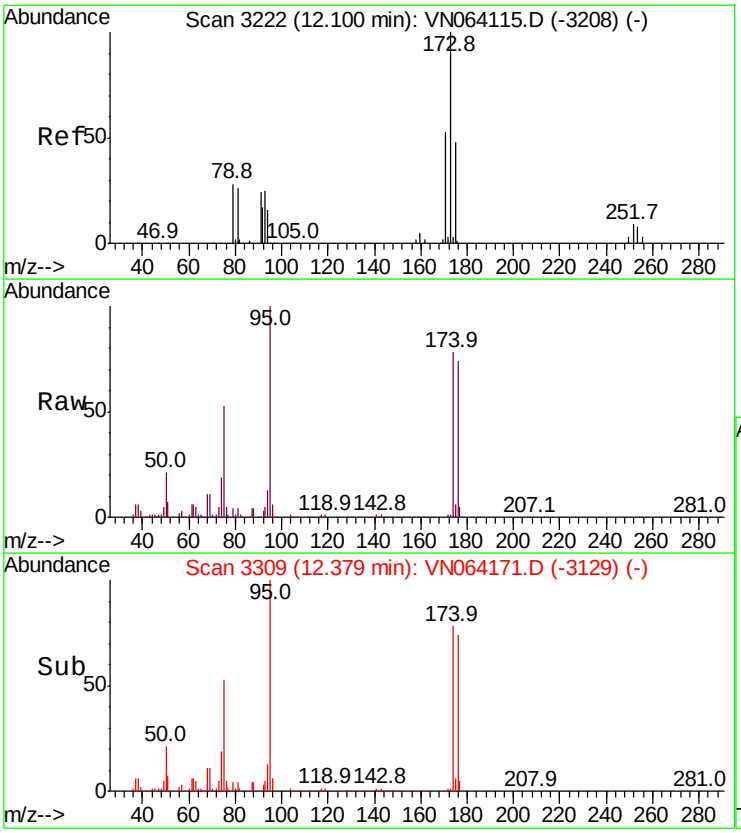
#70
Stvrene
Concen: 2.044 ug/l
RT: 11.93 min Scan# 3170
Delta R.T. -0.01 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion:104 Resp: 130

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.7	59.5#
103	104.6	44.2	66.2#

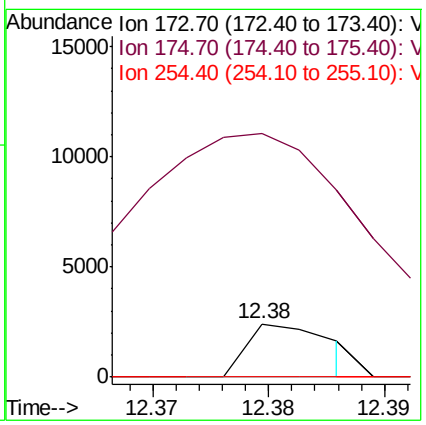


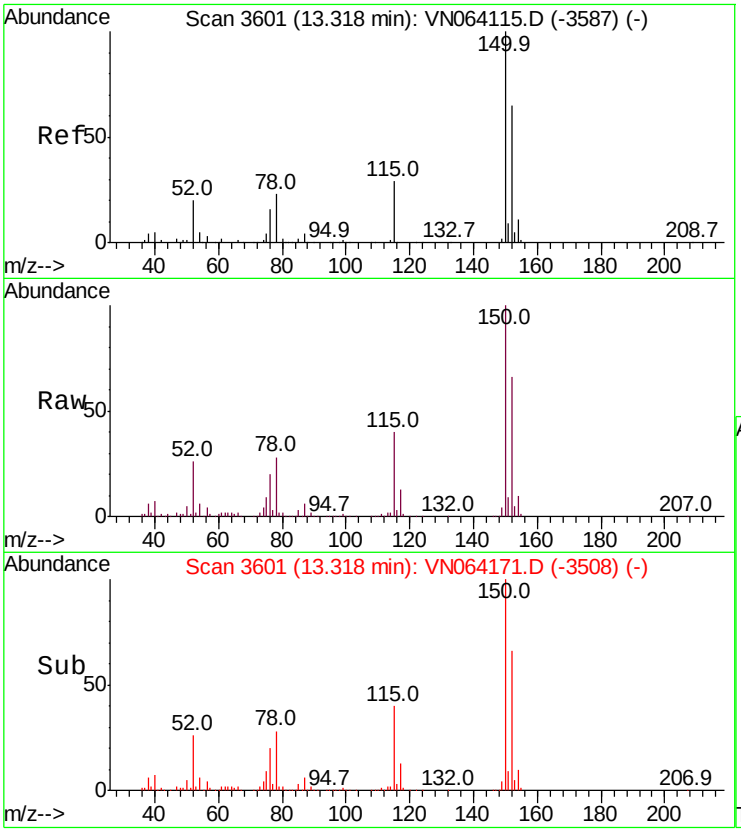


#71
Bromoform
Concen: 2.467 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.28 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:173 Resp: 1195

Ion	Ratio	Lower	Upper
173	100		
175	1234.4	23.4	70.2#
254	0.0	0.1	0.1#



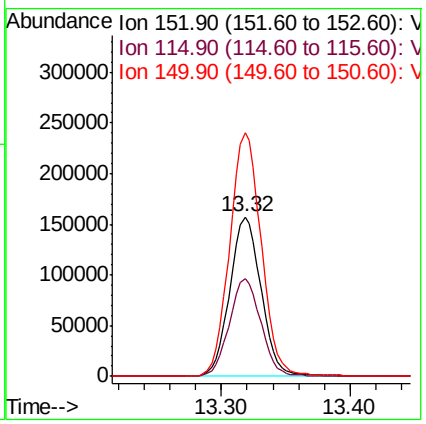


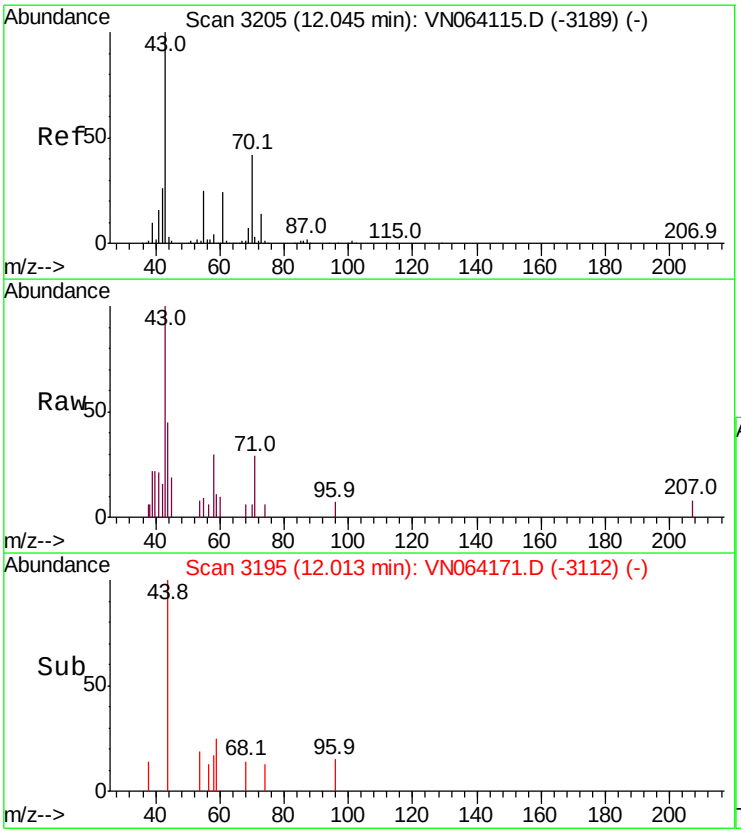
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion:152 Resp: 265431

Ion	Ratio	Lower	Upper
152	100		
115	61.3	29.3	87.8
150	154.4	0.0	346.0

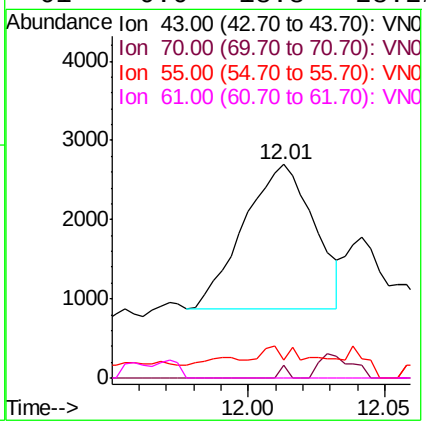


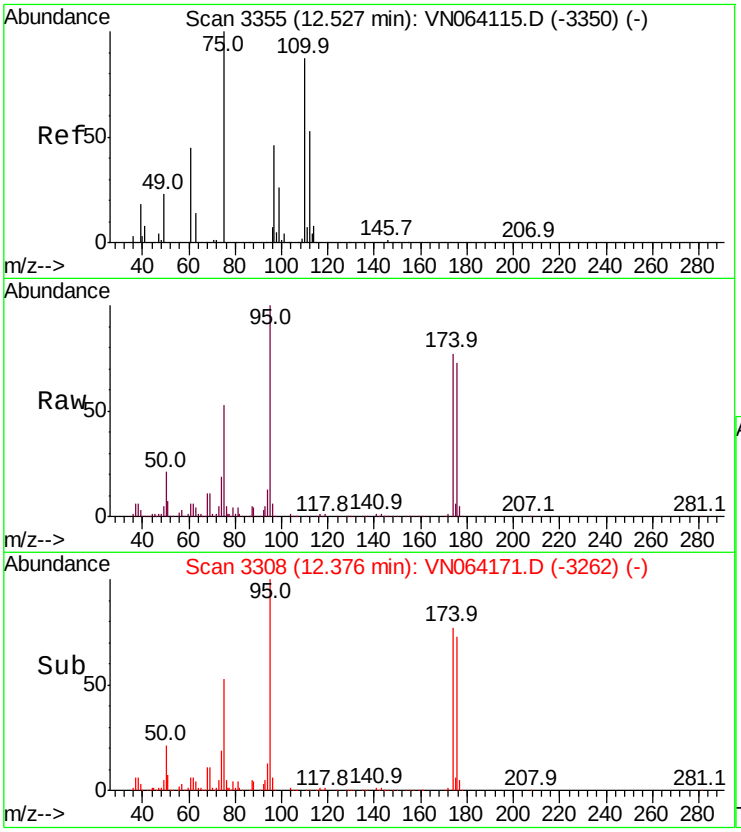


#74
N-amyl acetate
Concen: 0.452 ug/l
RT: 12.01 min Scan# 3195
Delta R.T. -0.03 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion: 43 Resp: 3258

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.2	49.8#
55	12.5	19.9	29.9#
61	0.0	18.8	28.2#



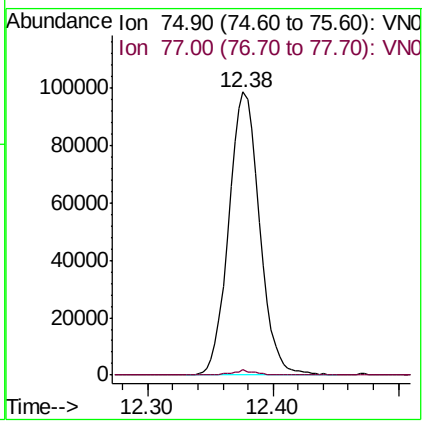


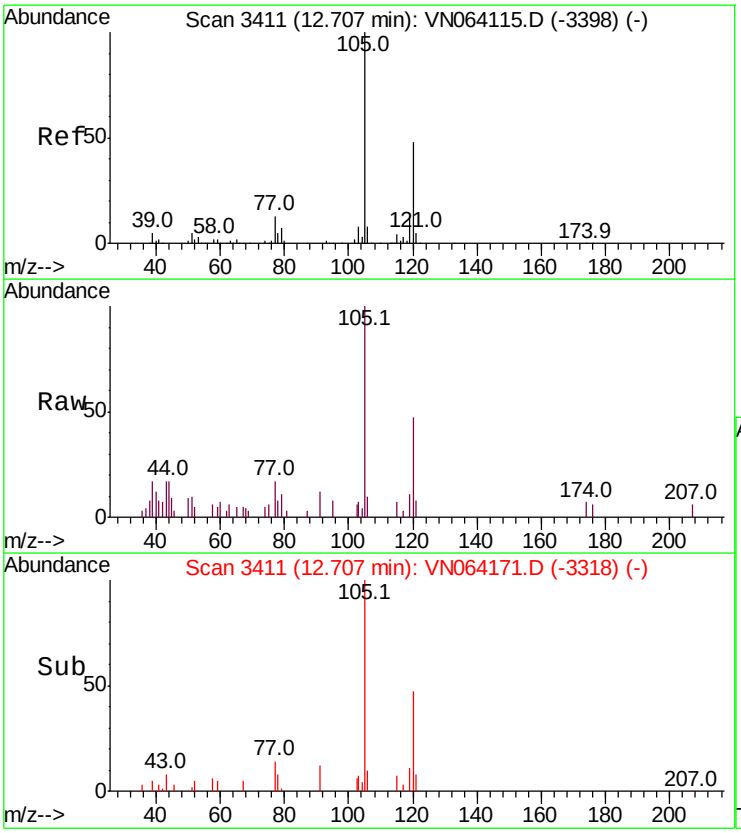
#76
1,2,3-Trichloropropane
Concen: 27.065 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#02

Tgt Ion: 75 Resp: 168536

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

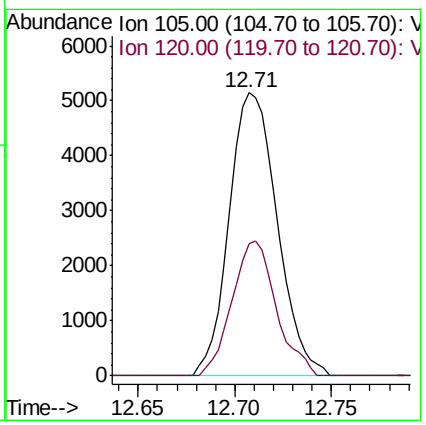


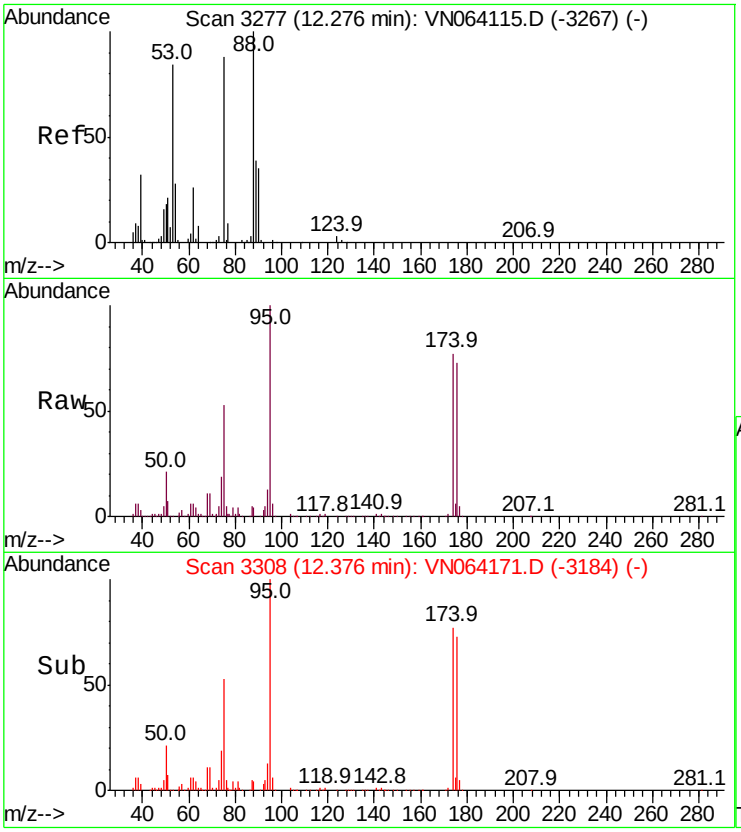


#80
1,3,5-Trimethylbenzene
Concen: 0.577 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:105 Resp: 8902

Ion	Ratio	Lower	Upper
105	100		
120	43.9	24.0	72.0



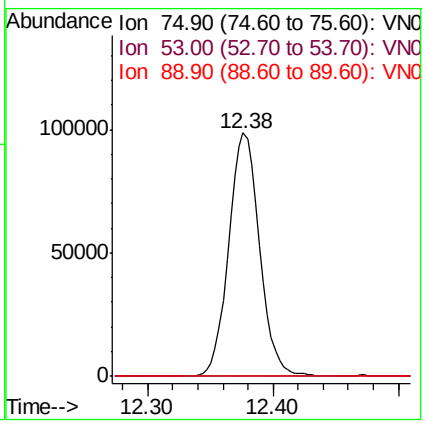


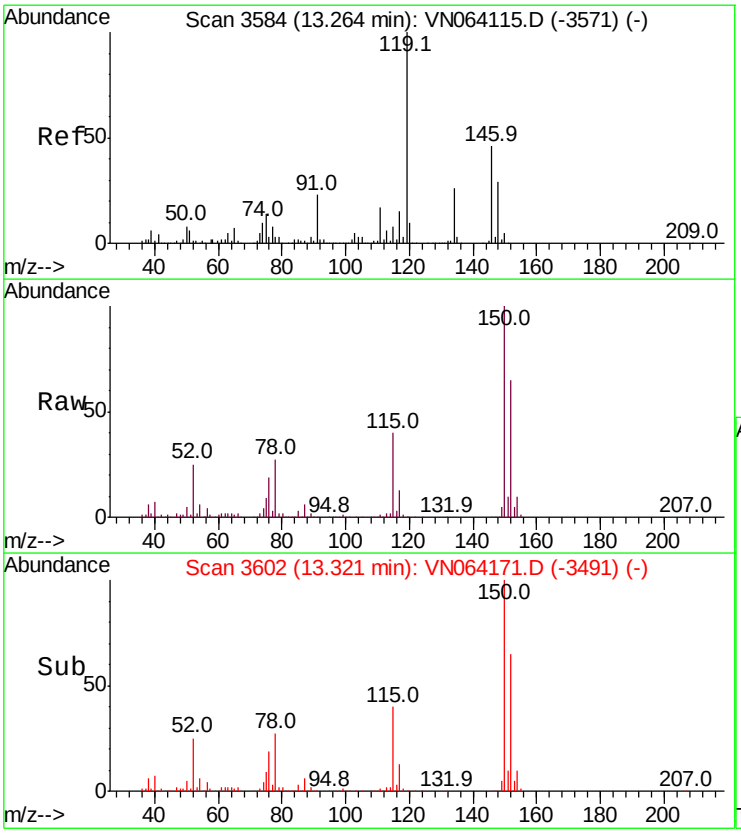
#81
trans-1,4-Dichloro-2-butene
Concen: 82.687 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

Tgt Ion: 75 Resp: 168536

Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.7	113.5#
89	0.0	36.6	55.0#

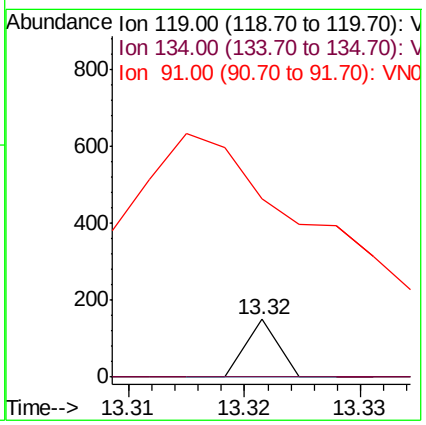


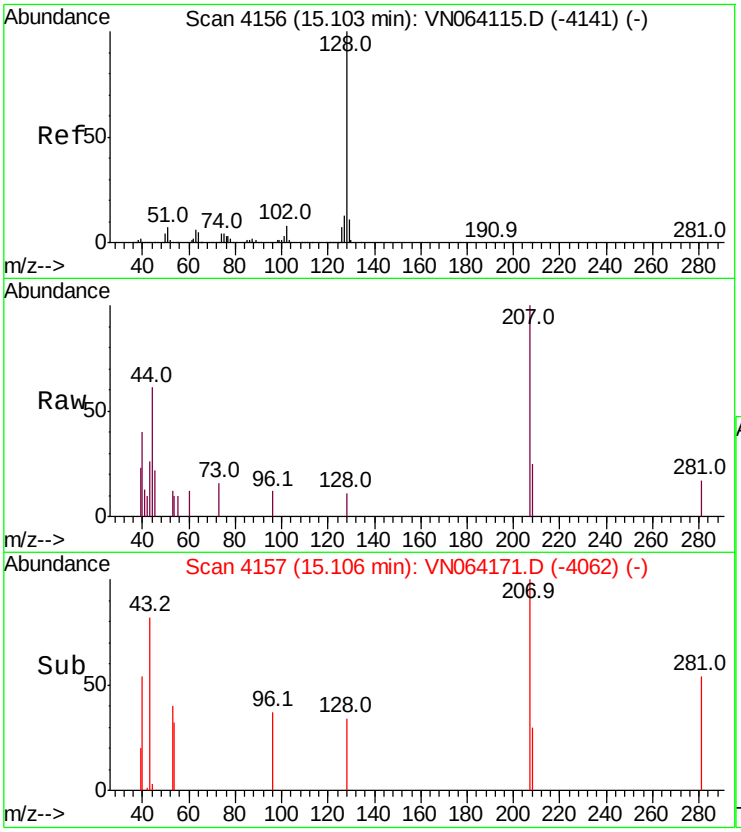


#86
p-Isopropyltoluene
Concen: 0.664 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.06 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:119 Resp: 29

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.2	39.5#
91	2989.7	12.0	36.1#



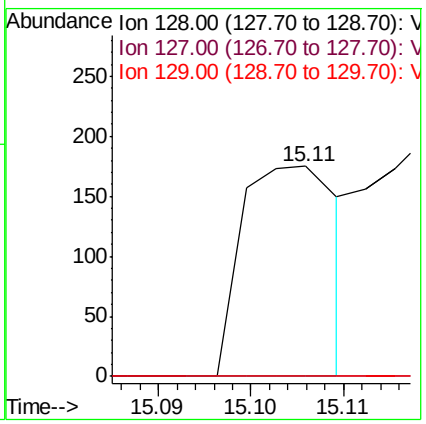


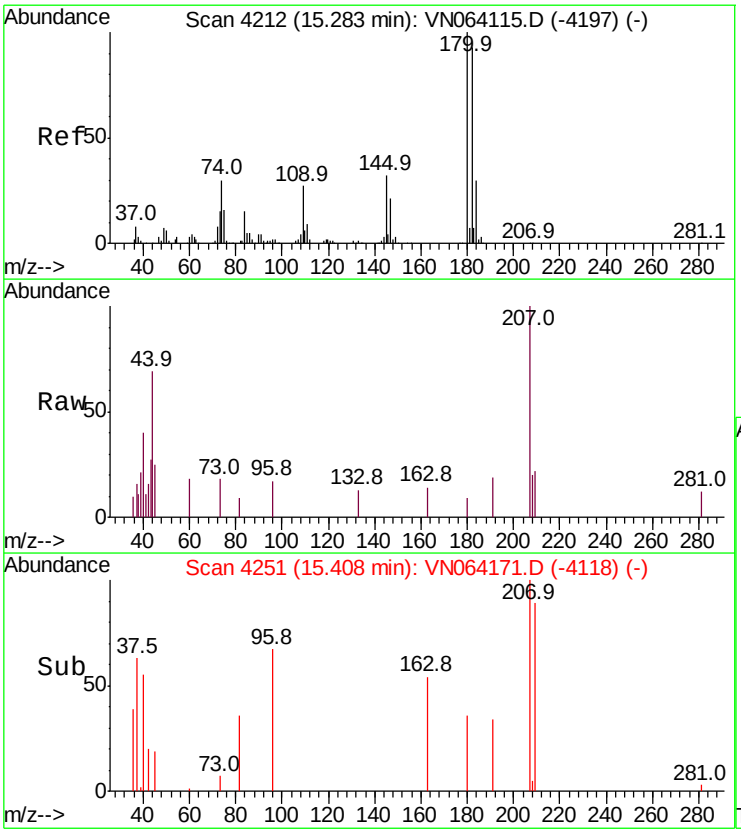
#95
Naphthalene
Concen: 3.806 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#02

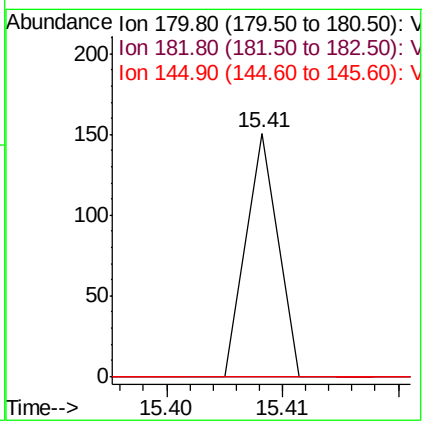
Tgt Ion:128 Resp: 126

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.5	12.7#





#96
1,2,3-Trichlorobenzene
Concen: 2.817 ug/l
RT: 15.41 min Scan# 4251
Delta R.T. 0.13 min
Lab File: VN064171.D
Acq: 16 Oct 2020 17:56

Tgt Ion:180 Resp: 29

Ion	Ratio	Lower	Upper
180	100		
182	0.0	46.6	139.8#
145	0.0	16.1	48.2#