Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101620\
Data File : VN064172.D
Acq On : 16 Oct 2020 18:20
Operator : JC/MD
Sample : PB132400ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#03

Quant Time: Oct 17 01:30:56 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	325513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	672319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	711042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	253277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	281806	60.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.58%			
35) Dibromofluoromethane	7.55	113	226636	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.40%			
50) Toluene-d8	10.06	98	881166	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
62) 4-Bromofluorobenzene	12.38	95	301382	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	351	0.684	ug/l #	71
16) Acetone	3.79	43	22861	16.625	ug/l	96
18) Methyl Acetate	4.28	43	2300	0.667	ug/l #	63
20) Methylene Chloride	4.51	84	21110	4.961	ug/l	96
25) 2-Butanone	6.80	43	819	0.387	ug/l #	47
29) Tetrahydrofuran	7.17	42	985	0.797	ug/l #	35
31) Cyclohexane	7.63	56	8608	1.680	ug/l #	15
36) 1,1-Dichloropropene	7.62	75	28716	4.431	ug/l #	49
38) Carbon Tetrachloride	7.63	117	33676	4.833	ug/l #	19
43) Isopropyl Acetate	8.13	43	118810	12.449	ug/l #	88
48) Methyl methacrylate	9.15	41	7935	1.800	ug/l #	10
49) 1,4-Dioxane	9.17	88	70	1.046	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	11541	2.044	ug/l	97
54) cis-1,3-Dichloropropene	9.87	75	47880	5.951	ug/l #	77
56) Ethyl methacrylate	10.30	69	180	2.322	ug/l #	26
57) 1,3-Dichloropropane	10.74	76	8941	1.087	ug/l #	44
58) 2-Chloroethyl Vinyl ether	9.69	63	34	12.228	ug/l #	48
59) 2-Hexanone	10.74	43	139799	37.989	ug/l #	52
68) m/p-Xylenes	11.59	106	394	2.229	ug/l	91
69) o-Xylene	11.93	106	367	1.619	ug/l	95
70) Styrene	11.94	104	383	2.058	ug/l	96
71) Bromoform	12.36	173	126	2.256	ug/l #	30
74) N-amyl acetate	12.01	43	3406	0.496	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	162018	27.266	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	8112	0.551	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	162018	83.304	ug/l #	12
86) p-Isopropyltoluene	13.32	119	29	0.664	ug/l #	1
95) Naphthalene	15.10	128	59	3.802	ug/l #	32

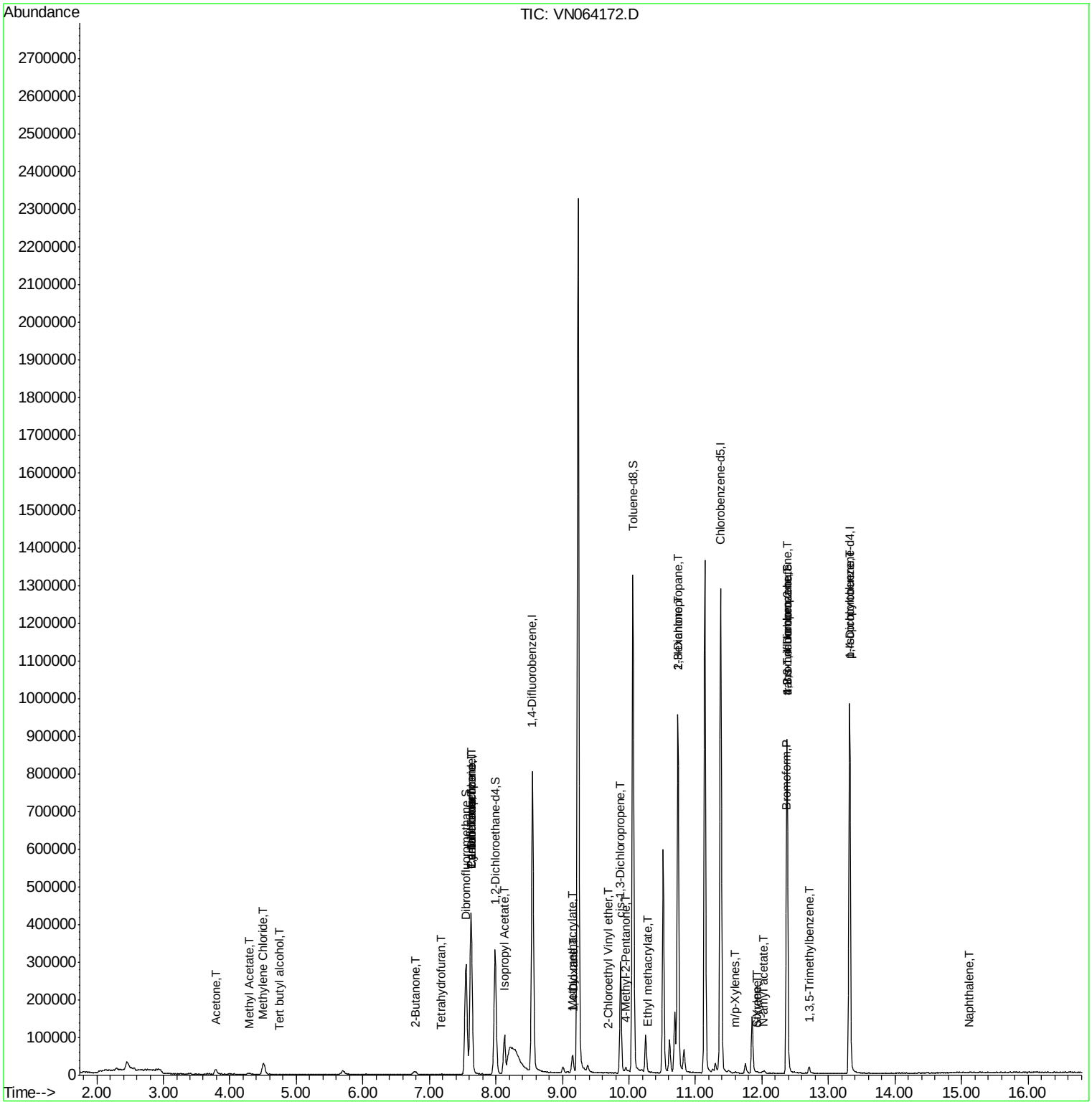
(#) = qualifier out of range (m) = manual integration (+) = signals summed

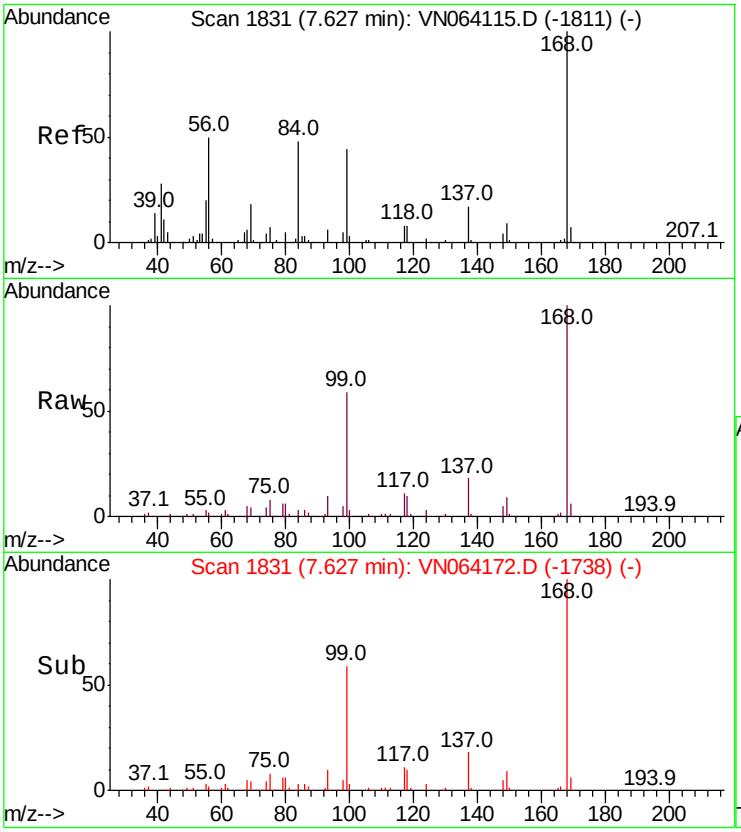
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101620\
Data File : VN064172.D
Acq On : 16 Oct 2020 18:20
Operator : JC/MD
Sample : PB132400ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Quant Time: Oct 17 01:30:56 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



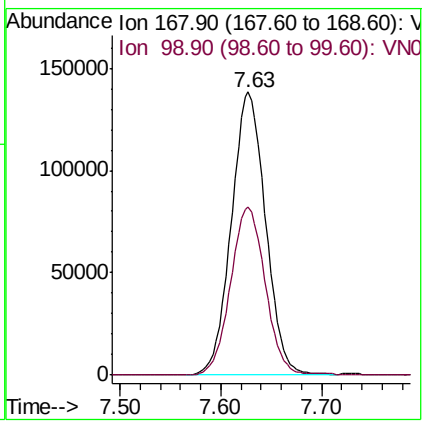


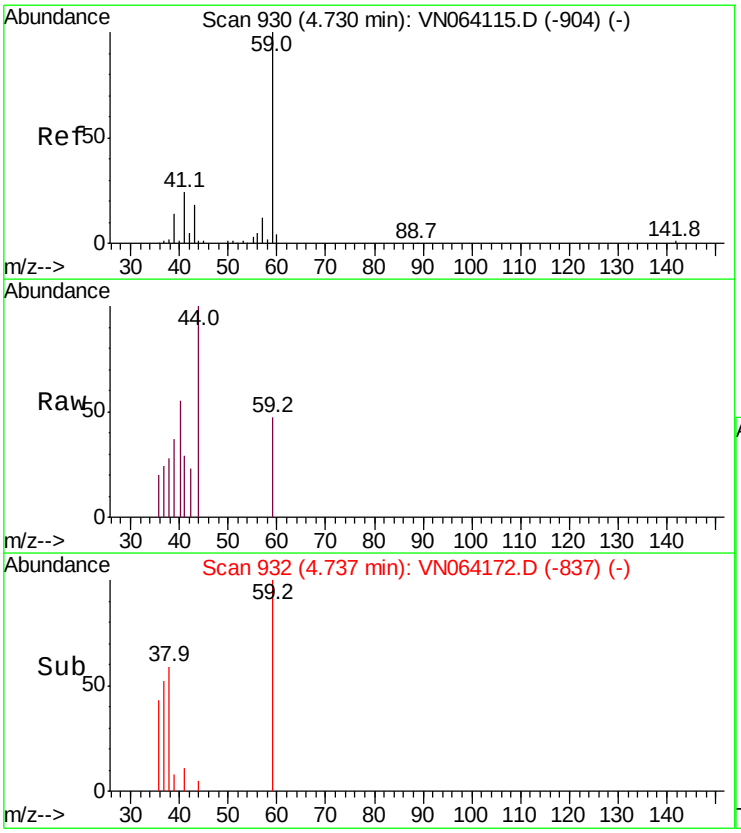
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion:168 Resp: 325513

Ion	Ratio	Lower	Upper
168	100		
99	59.2	43.6	65.4

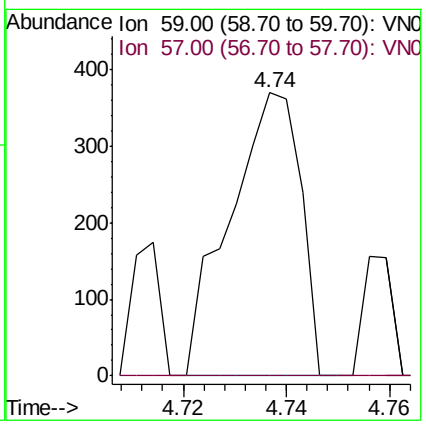


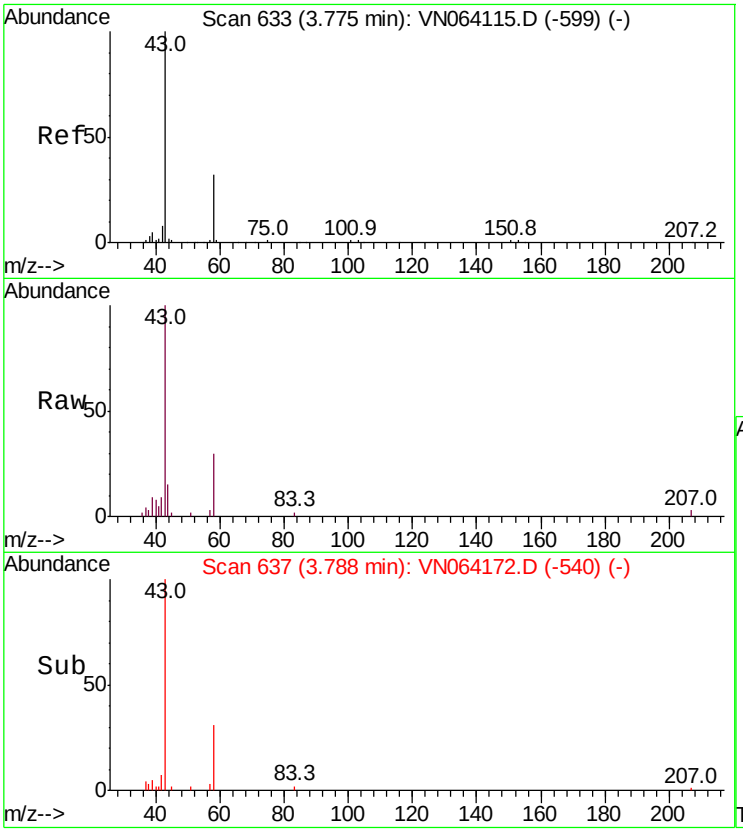


#11
Tert butyl alcohol
Concen: 0.684 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 59 Resp: 351

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.9	13.3#



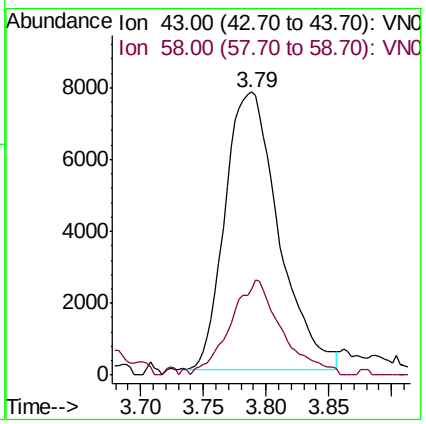


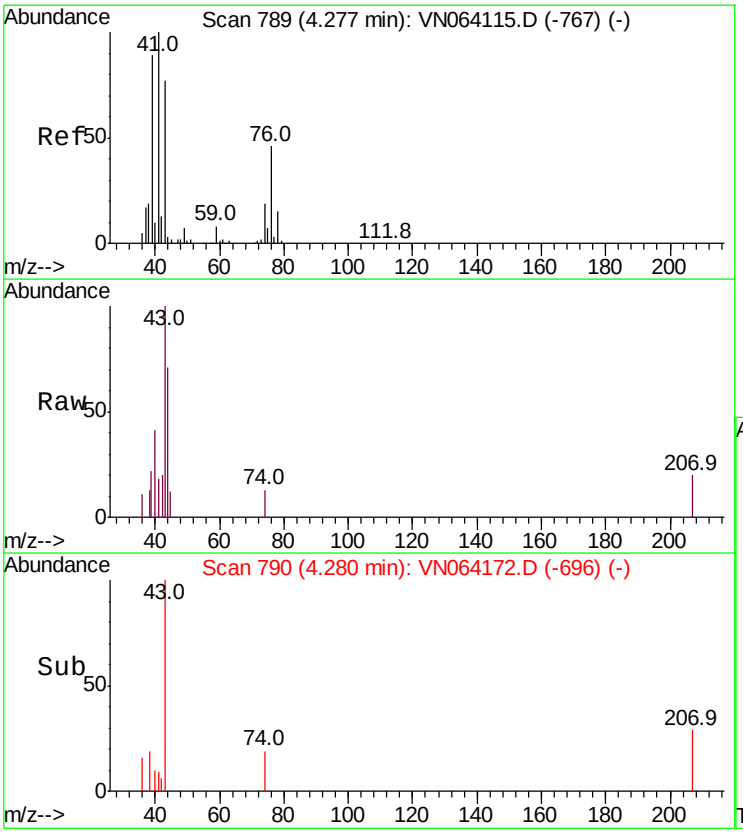
#16
Acetone
Concen: 16.625 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion: 43 Resp: 22861

Ion	Ratio	Lower	Upper
43	100		
58	29.1	25.2	37.8

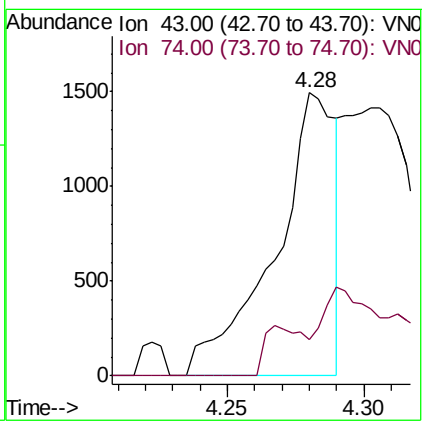


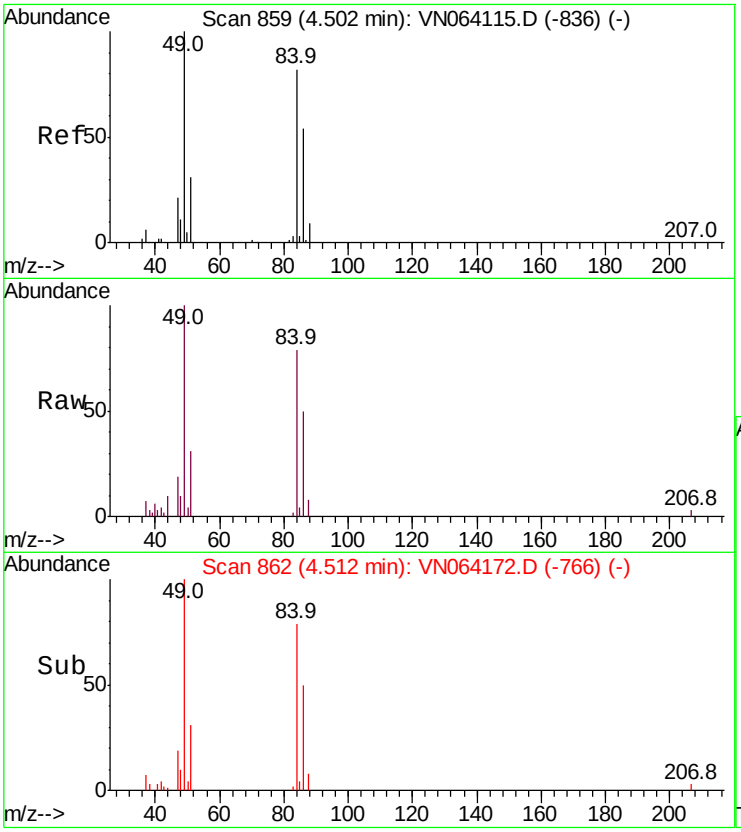


#18
Methyl Acetate
Concen: 0.667 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 43 Resp: 2300

Ion	Ratio	Lower	Upper
43	100		
74	43.0	19.7	29.5#



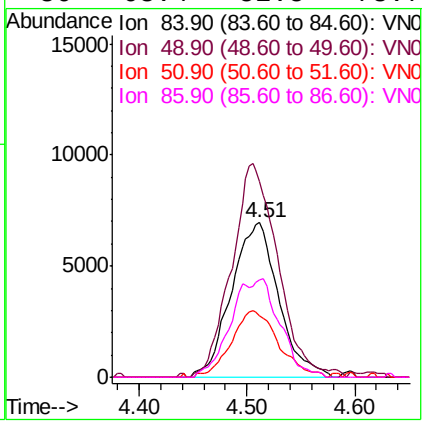


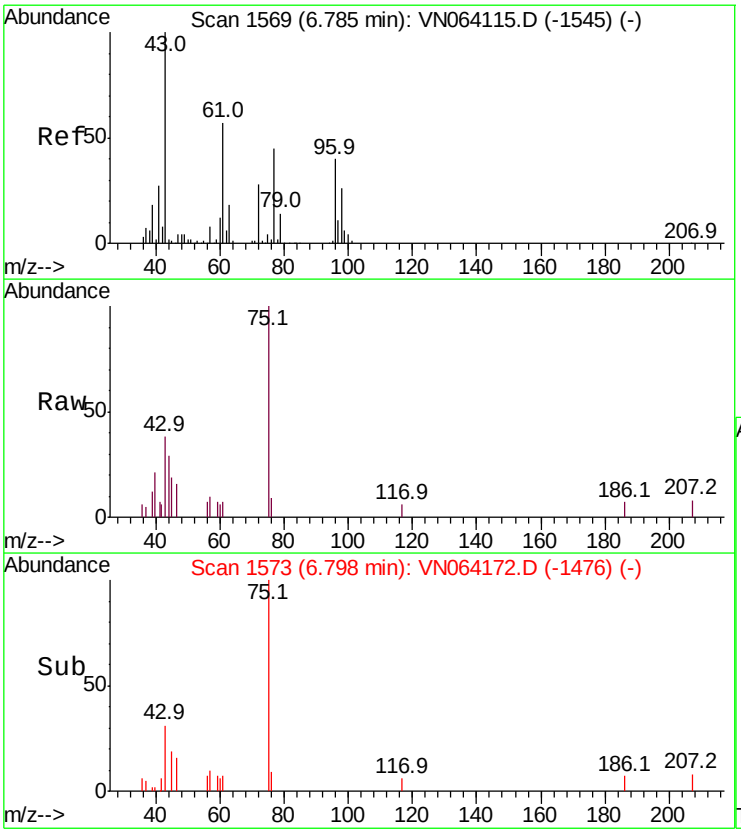
#20
Methylene Chloride
Concen: 4.961 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#03

Tgt Ion: 84 Resp: 21110

Ion	Ratio	Lower	Upper
84	100		
49	126.5	97.4	146.0
51	39.8	29.7	44.5
86	63.4	52.5	78.7

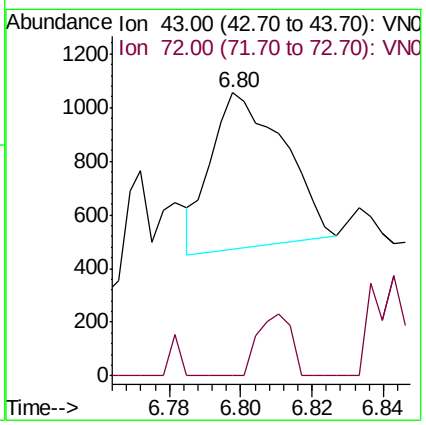


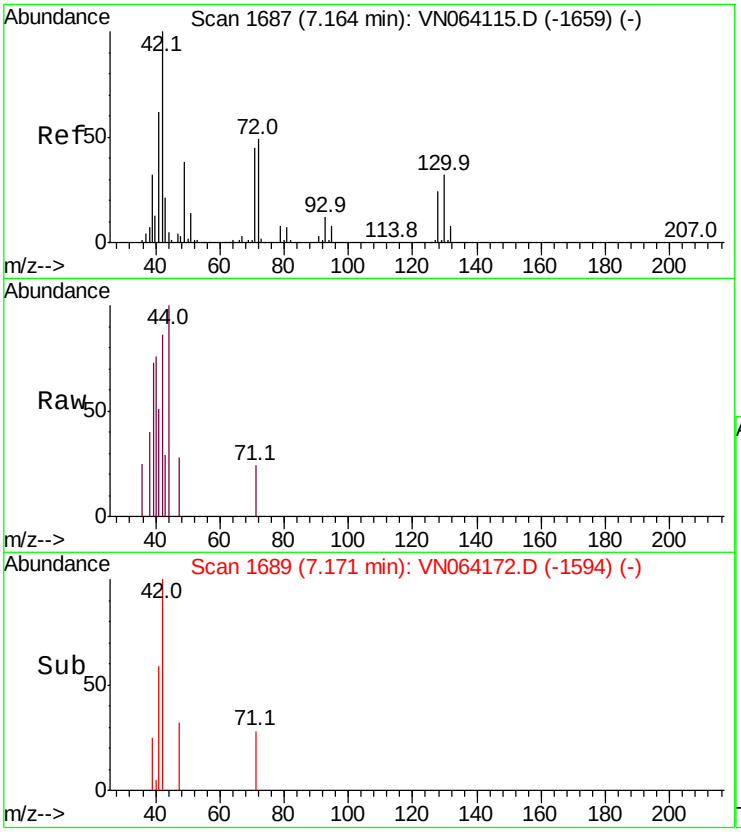


#25
2-Butanone
Concen: 0.387 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 43 Resp: 819

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#



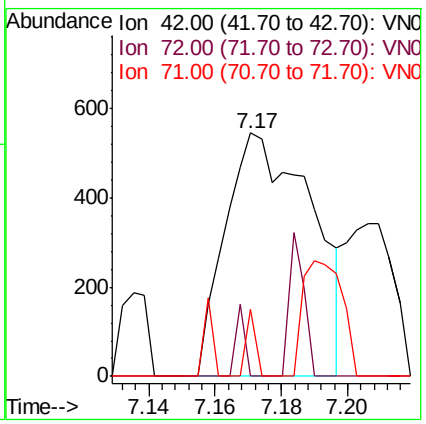


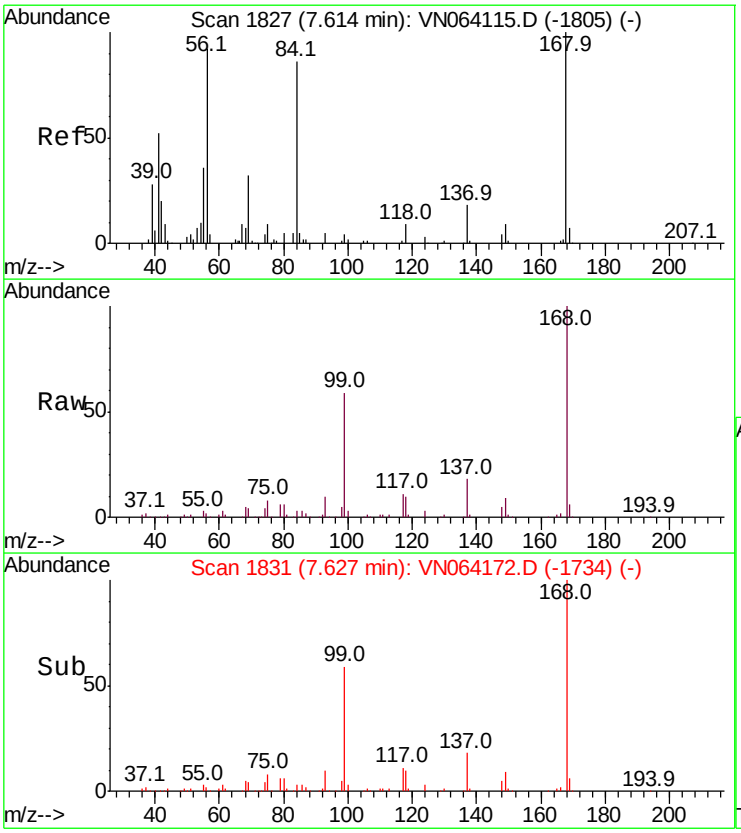
#29
Tetrahydrofuran
Concen: 0.797 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion: 42 Resp: 985

Ion	Ratio	Lower	Upper
42	100		
72	3.1	37.8	56.6#
71	2.9	35.3	52.9#

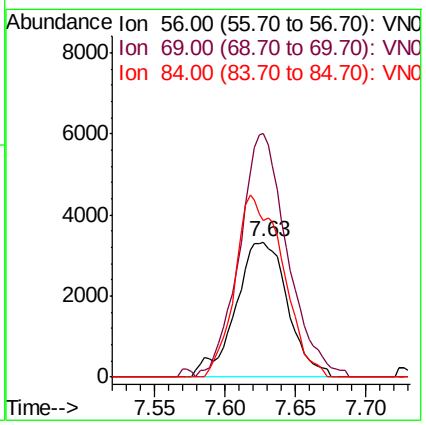


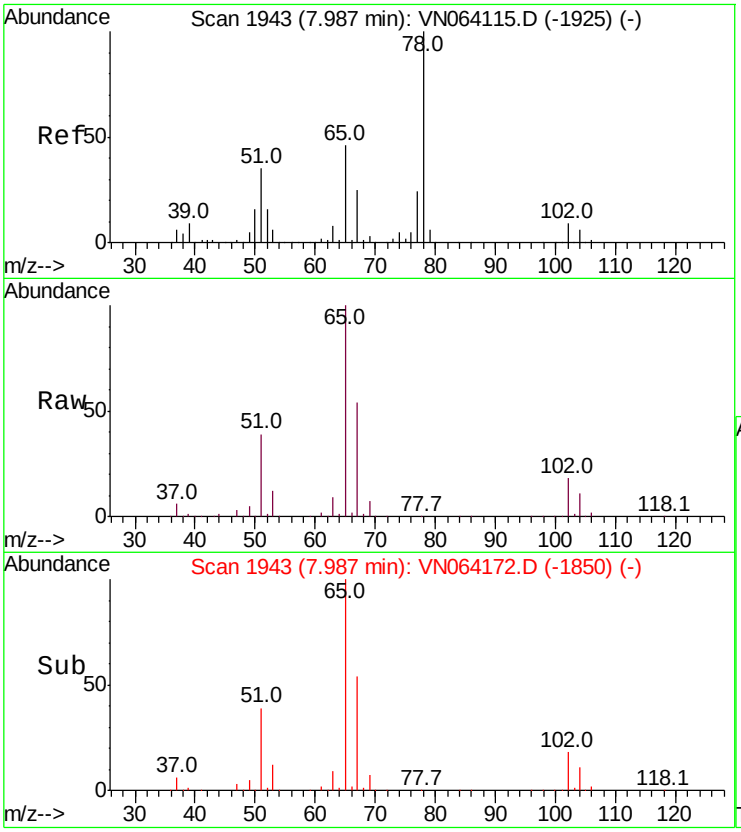


#31
Cyclohexane
Concen: 1.680 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 56 Resp: 8608

Ion	Ratio	Lower	Upper
56	100		
69	173.9	27.8	41.6#
84	116.0	73.2	109.8#



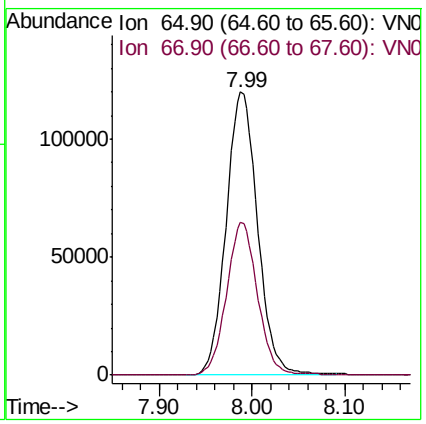


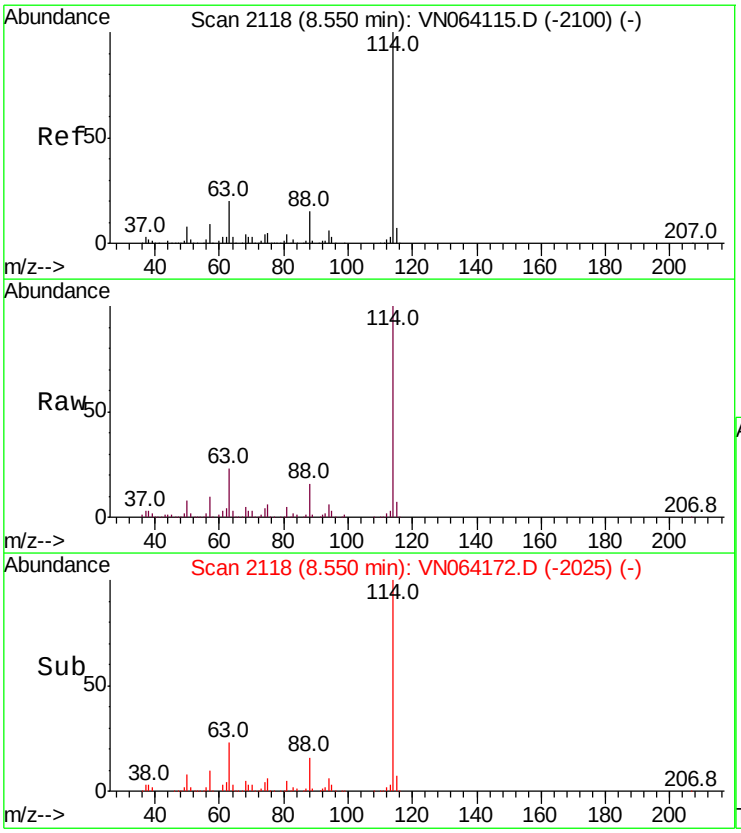
#33
1,2-Dichloroethane-d4
Concen: 60.787 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion: 65 Resp: 281806

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.6

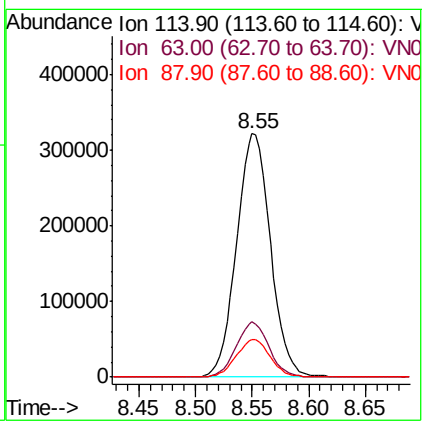


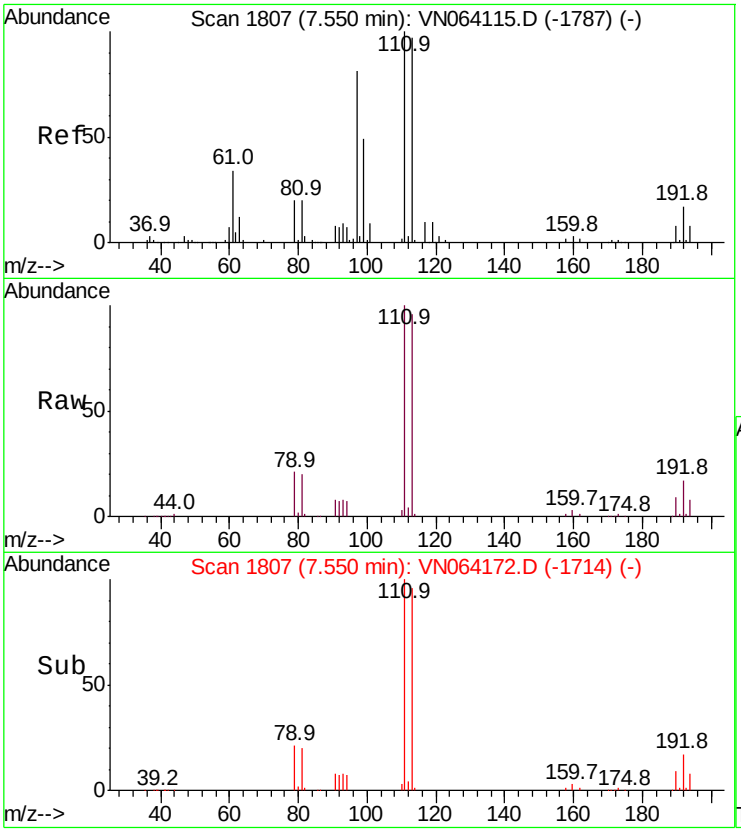


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion:114 Resp: 672319

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	41.0
88	15.6	0.0	29.2



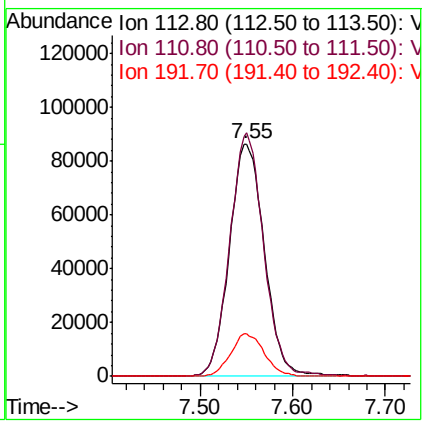


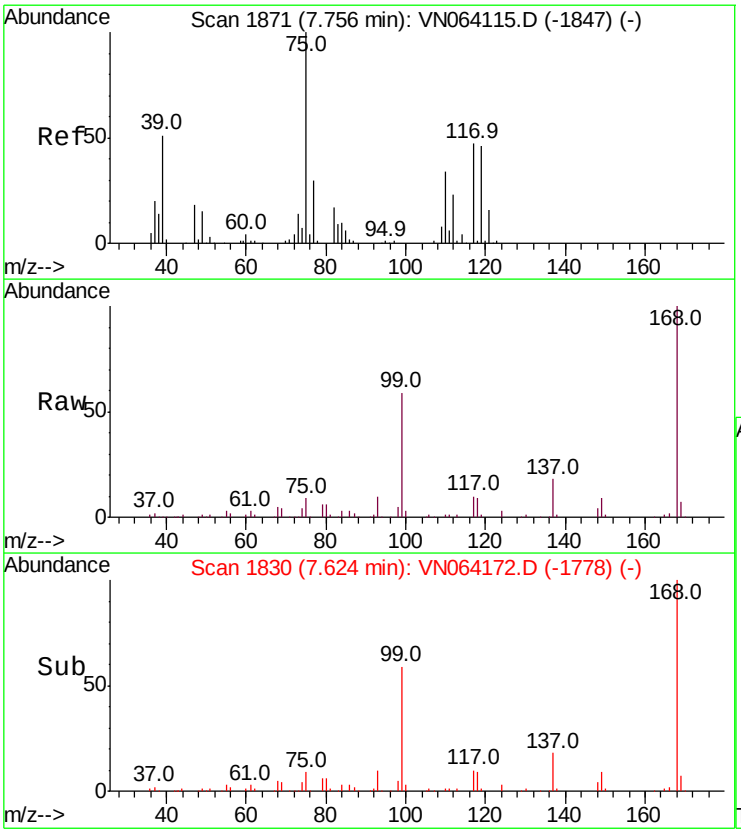
#35
Dibromofluoromethane
Concen: 48.703 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion:113 Resp: 226636

Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	17.5	14.3	21.5

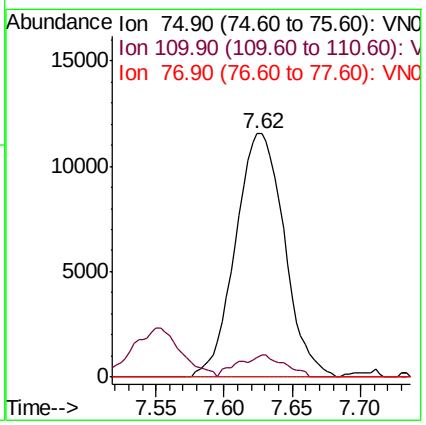


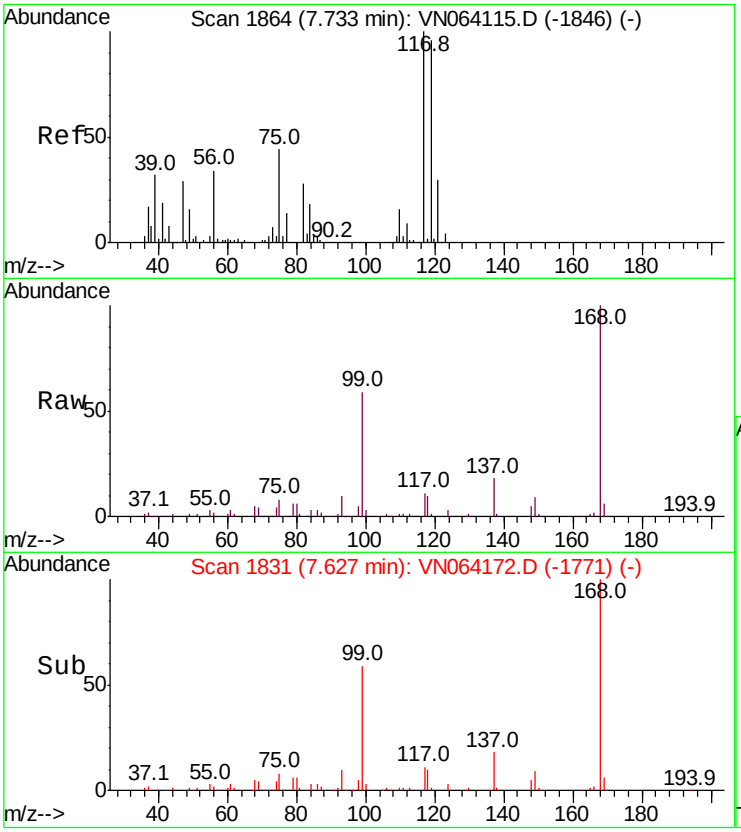


#36
1,1-Dichloropropene
Concen: 4.431 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 75 Resp: 28716

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.3#
77	0.0	24.9	37.3#



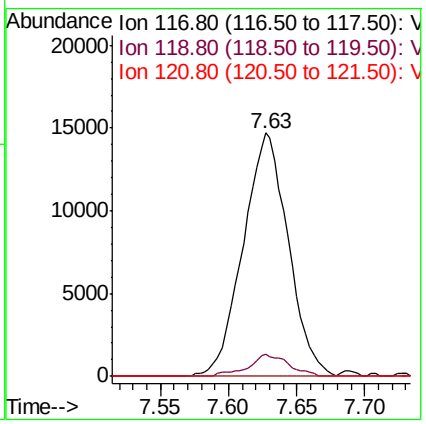


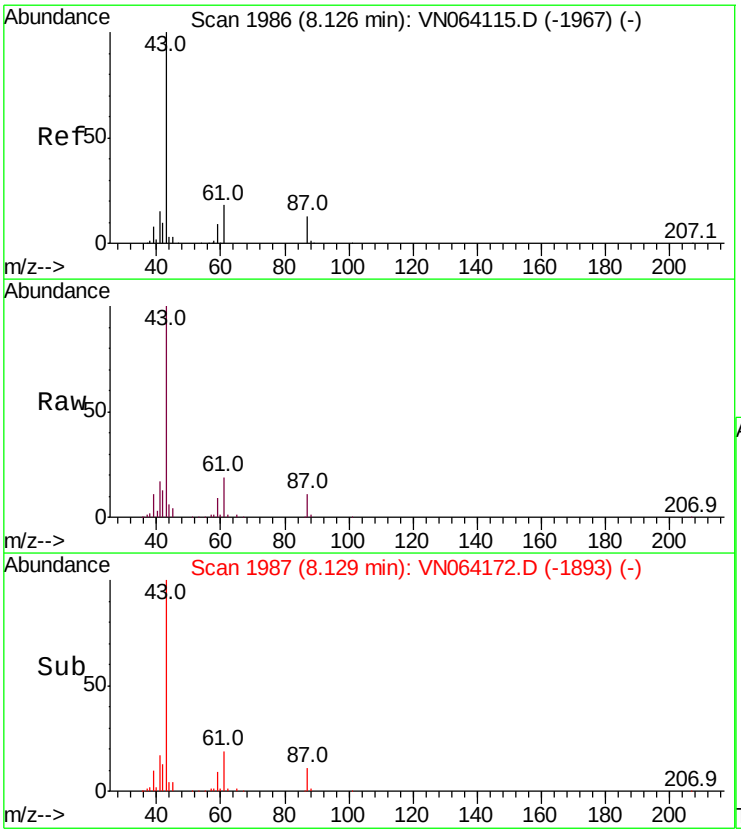
#38
Carbon Tetrachloride
Concen: 4.833 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion:117 Resp: 33676

Ion	Ratio	Lower	Upper
117	100		
119	9.1	77.0	115.4#
121	0.0	24.2	36.4#

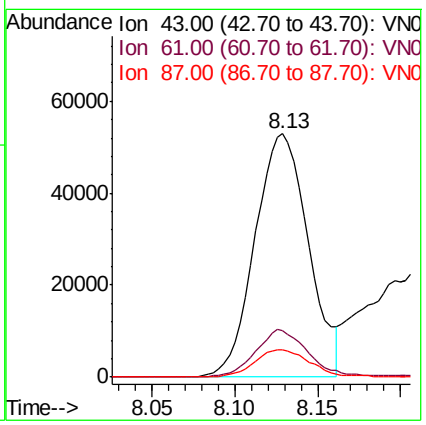


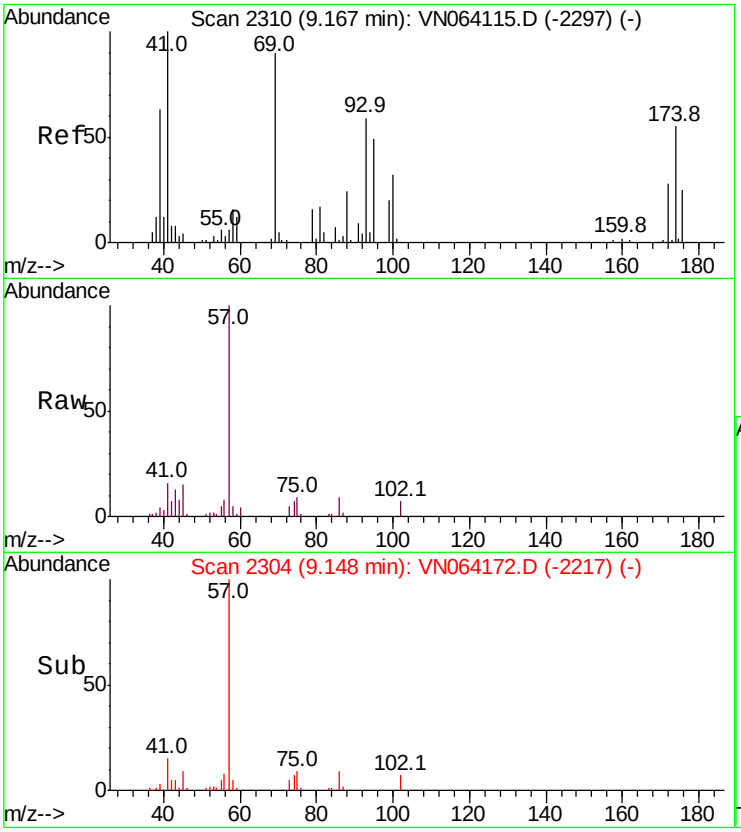


#43
Isopropyl Acetate
Concen: 12.449 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 43 Resp: 118810

Ion	Ratio	Lower	Upper
43	100		
61	19.2	21.9	32.9#
87	11.5	11.0	16.4



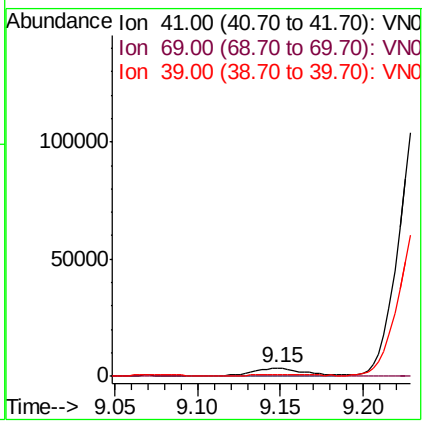


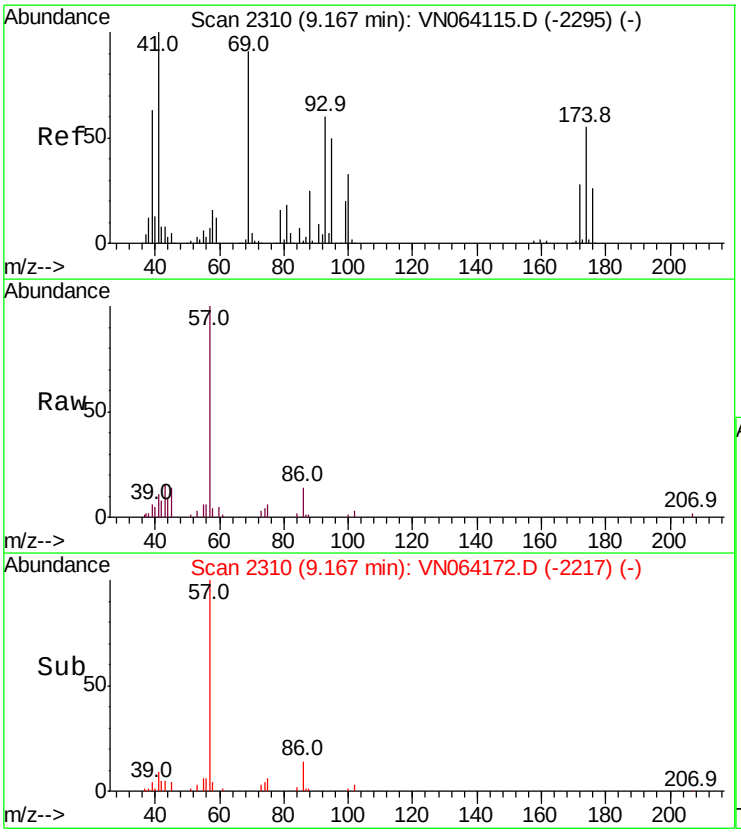
#48
Methyl methacrylate
Concen: 1.800 ug/l
RT: 9.15 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion: 41 Resp: 7935

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.4	107.2#
39	0.0	52.5	78.7#

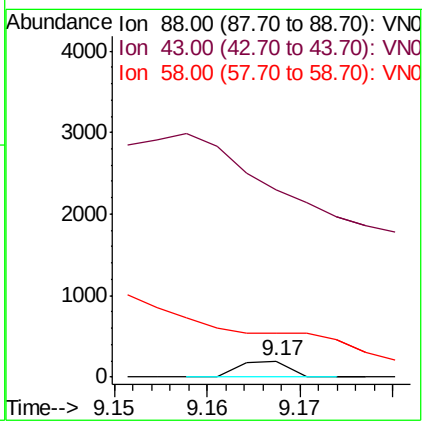


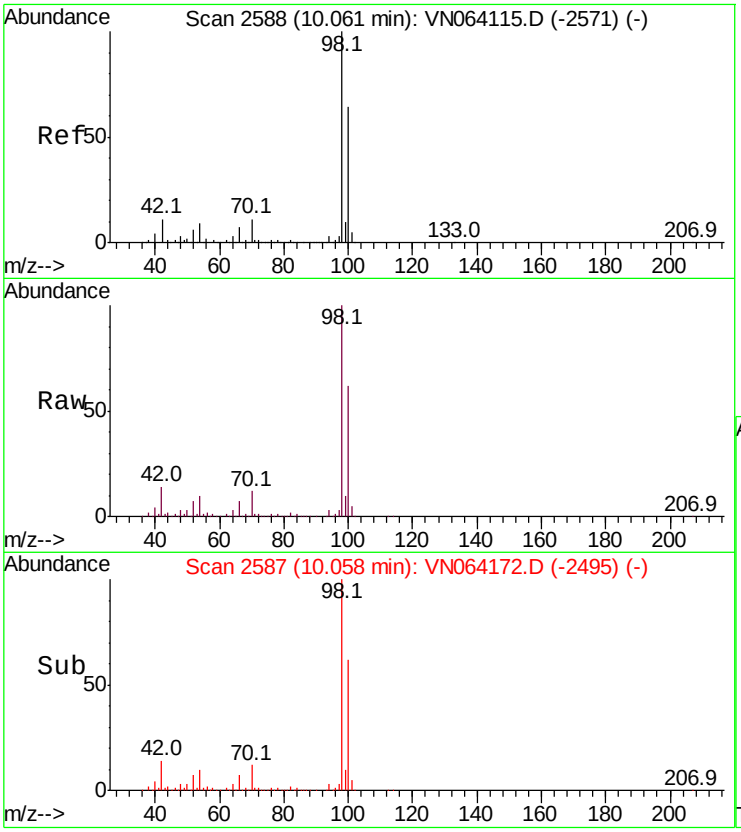


#49
1,4-Dioxane
Concen: 1.046 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.2	40.8#
58	2841.4	52.6	78.8#



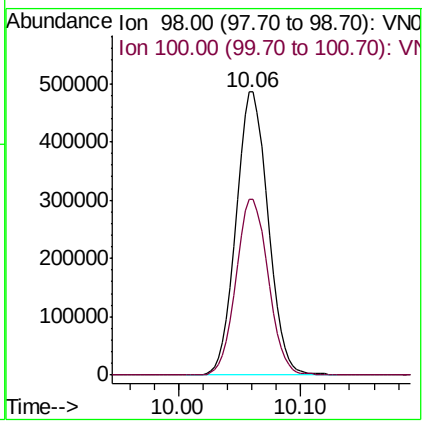


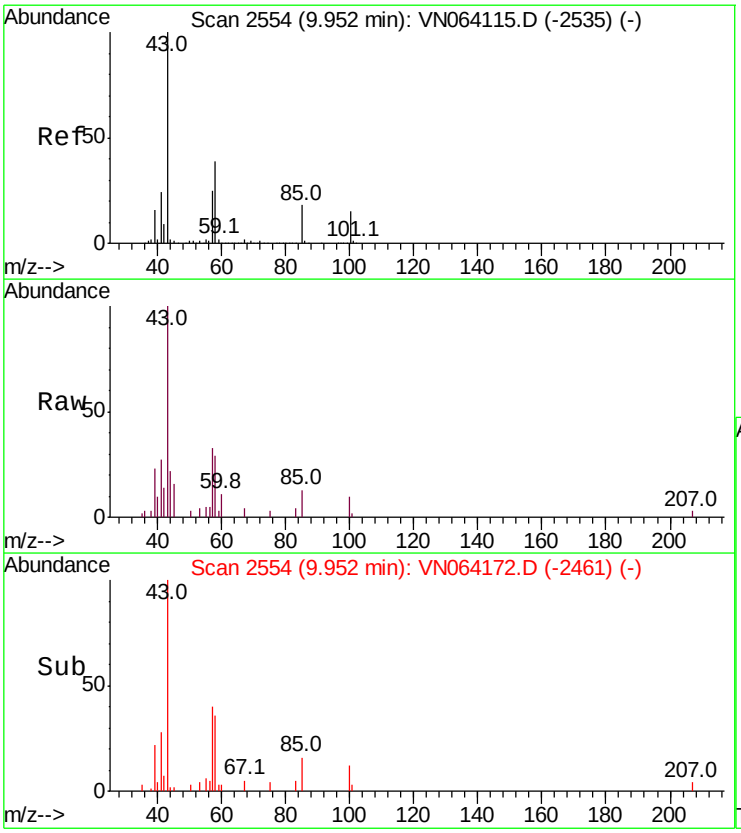
#50
Toluene-d8
Concen: 50.185 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#03

Tgt Ion: 98 Resp: 881166

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.8	76.2

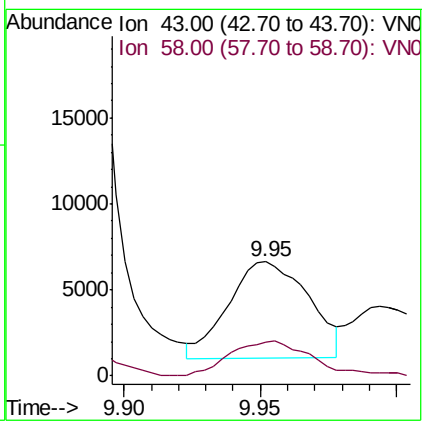


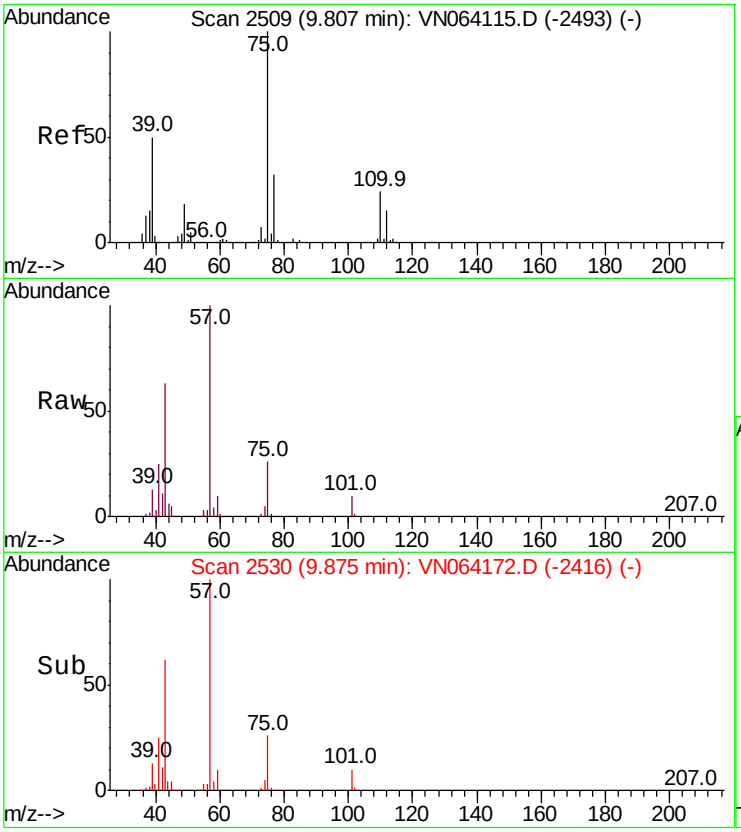


#51
4-Methyl-2-Pentanone
Concen: 2.044 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 43 Resp: 11541

Ion	Ratio	Lower	Upper
43	100		
58	37.1	31.2	46.8



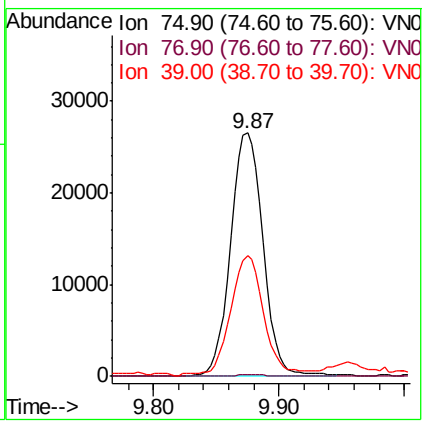


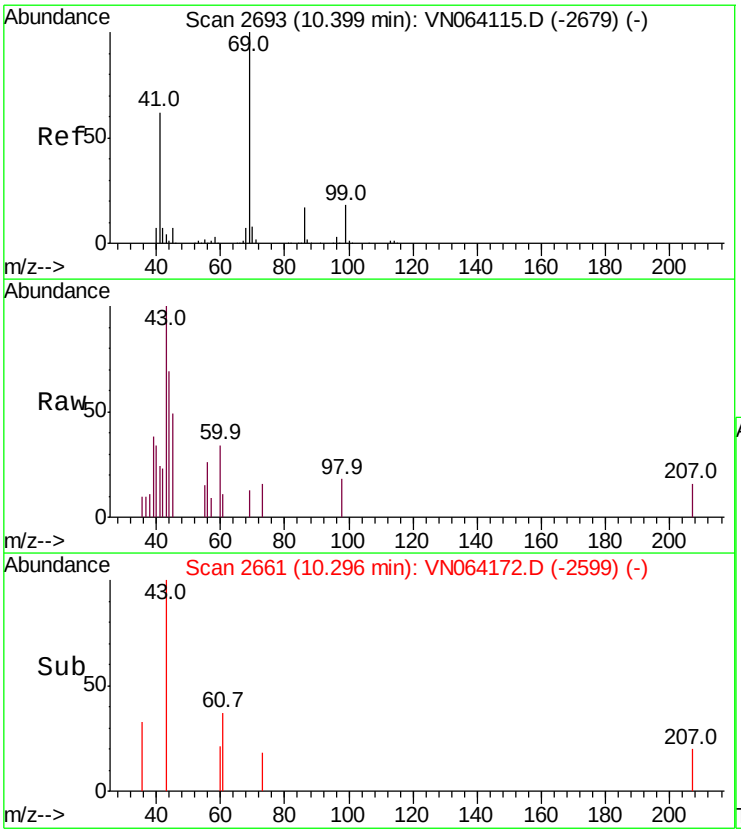
#54
cis-1,3-Dichloropropene
Concen: 5.951 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion: 75 Resp: 47880

Ion	Ratio	Lower	Upper
75	100		
77	0.9	25.2	37.8#
39	48.3	39.8	59.8

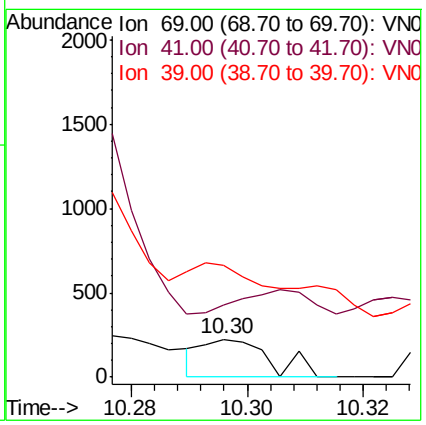


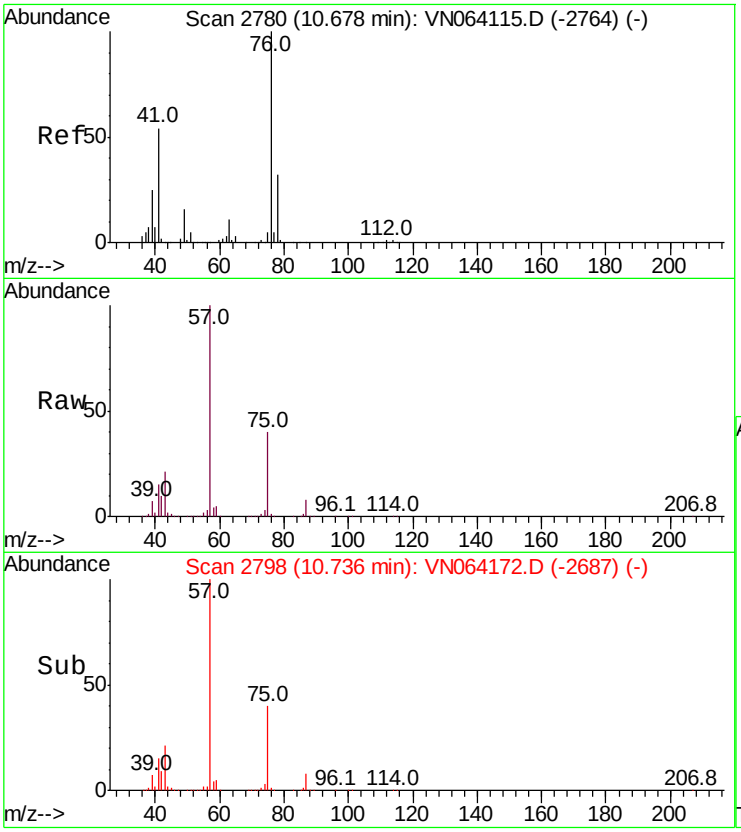


#56
Ethyl methacrylate
Concen: 2.322 ug/l
RT: 10.30 min Scan# 2661
Delta R.T. -0.10 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 69 Resp: 180

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



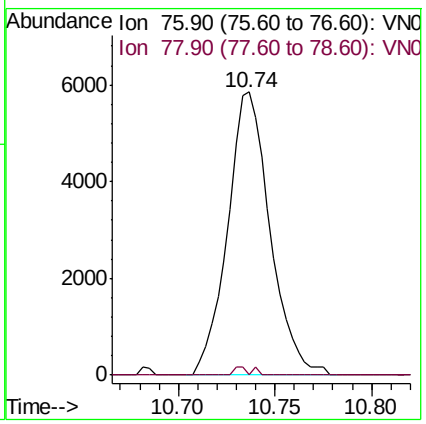


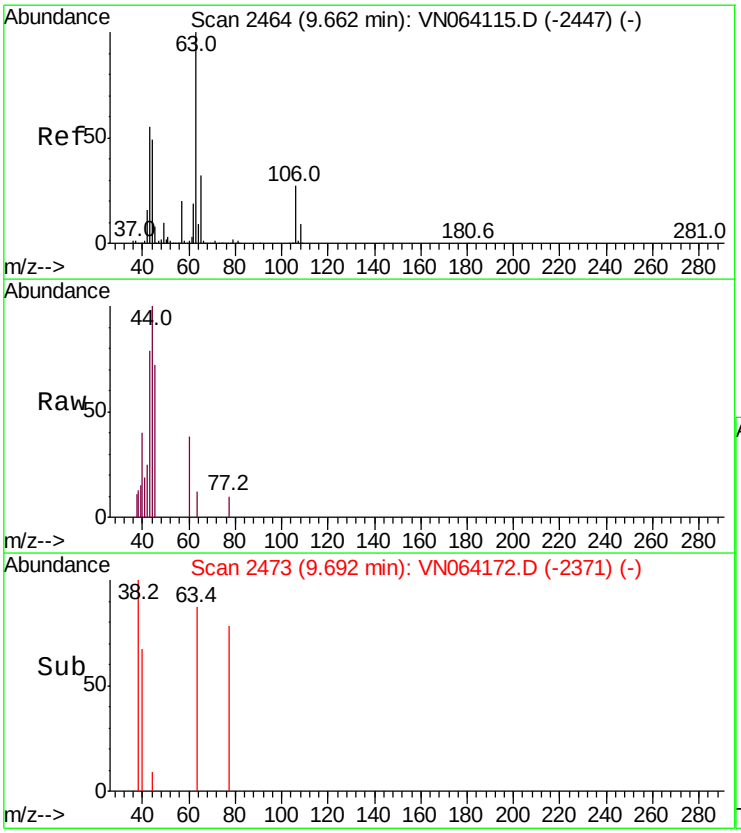
#57
1,3-Dichloropropane
Concen: 1.087 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#03

Tgt Ion: 76 Resp: 8941

Ion	Ratio	Lower	Upper
76	100		
78	1.1	26.1	39.1#

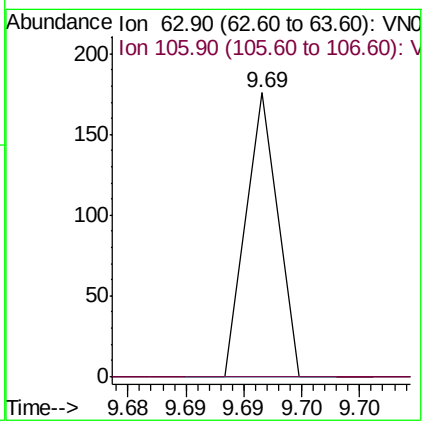


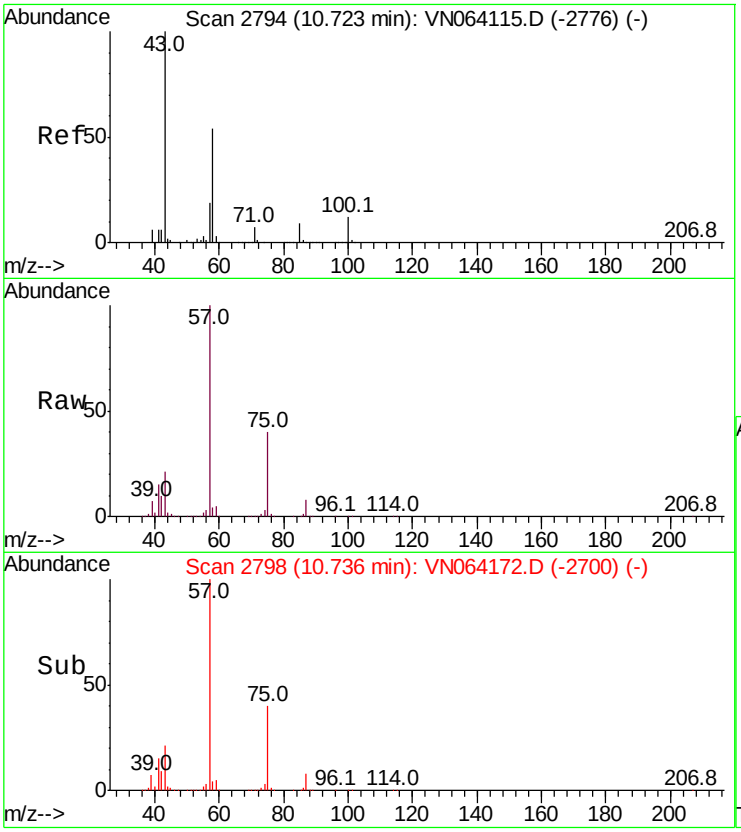


#58
2-Chloroethyl Vinyl ether
Concen: 12.228 ug/l
RT: 9.69 min Scan# 2473
Delta R.T. 0.03 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 63 Resp: 34

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.8	32.6#



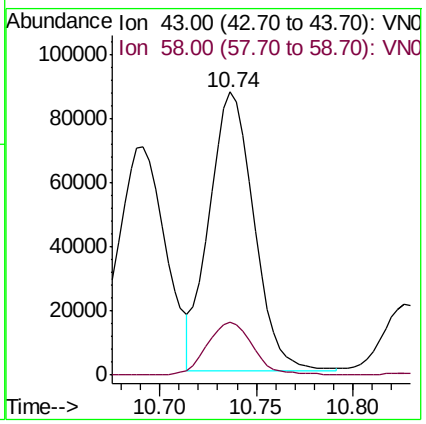


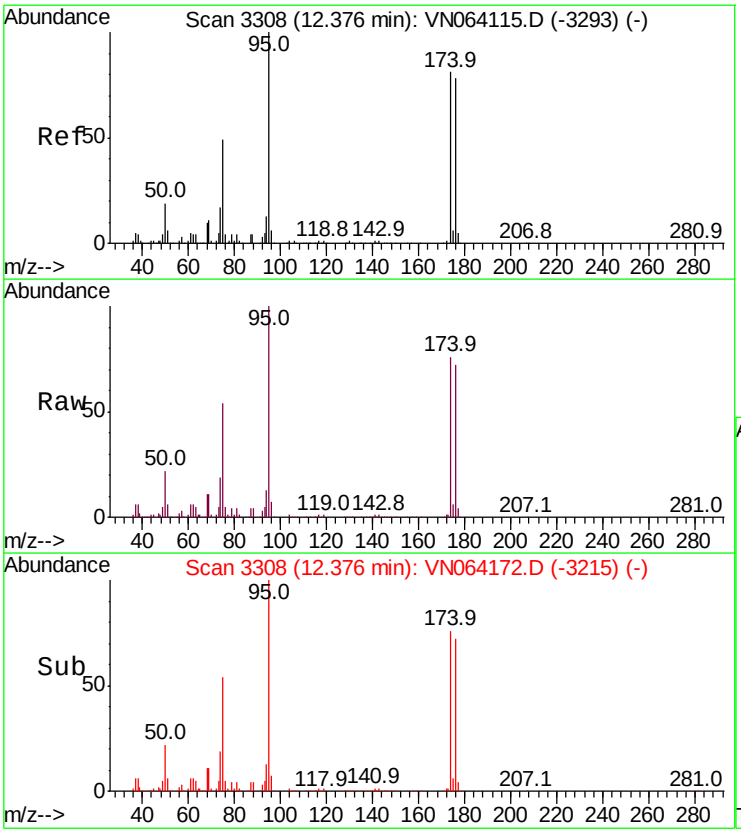
#59
2-Hexanone
Concen: 37.989 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion: 43 Resp: 139799

Ion	Ratio	Lower	Upper
43	100		
58	19.7	27.2	81.6#

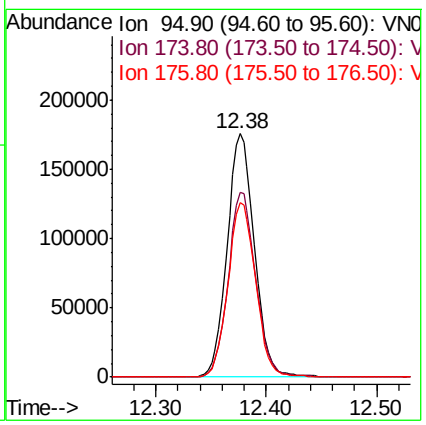


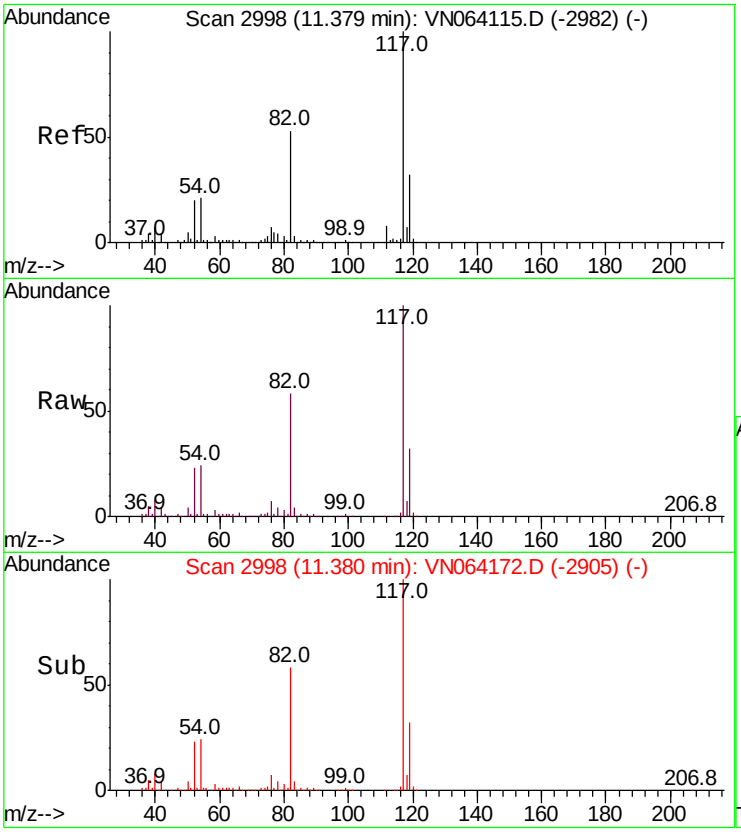


#62
4-Bromofluorobenzene
Concen: 49.937 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 95 Resp: 301382

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	164.8
176	72.9	0.0	157.8



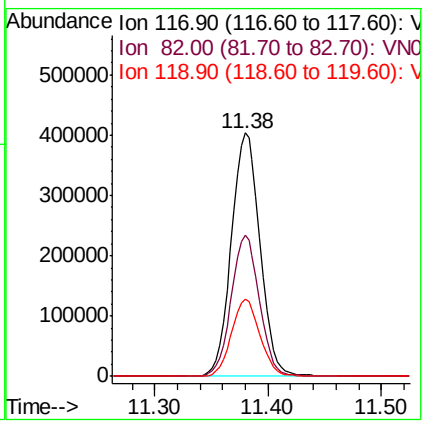


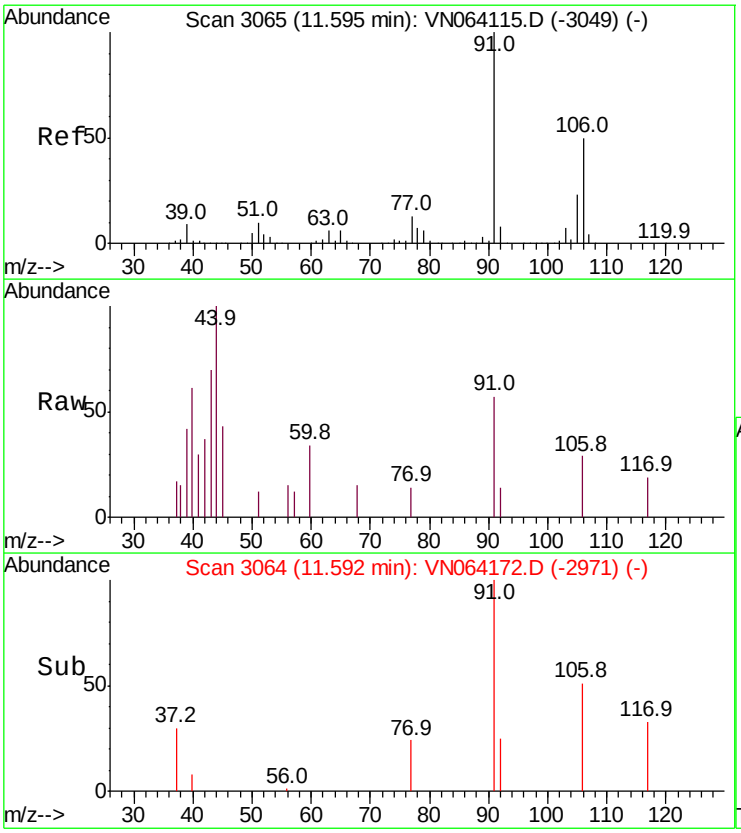
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#03

Tgt Ion:117 Resp: 711042

Ion	Ratio	Lower	Upper
117	100		
82	58.1	42.6	63.8
119	31.6	25.5	38.3

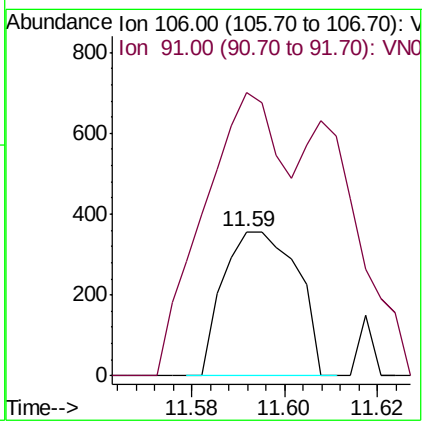


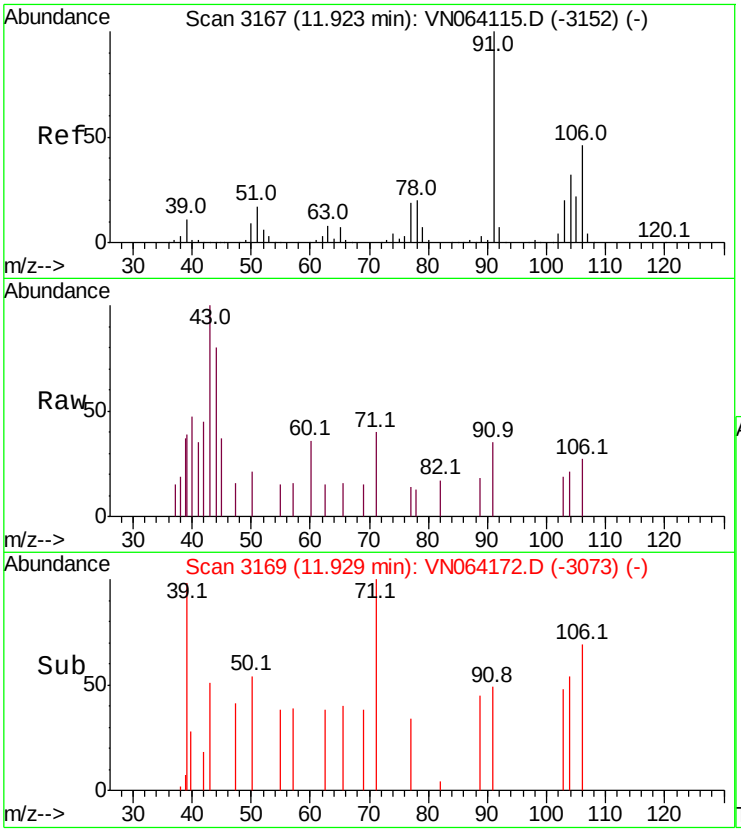


#68
m/p-Xylenes
Concen: 2.229 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion:106 Resp: 394

Ion	Ratio	Lower	Upper
106	100		
91	215.7	162.1	243.1



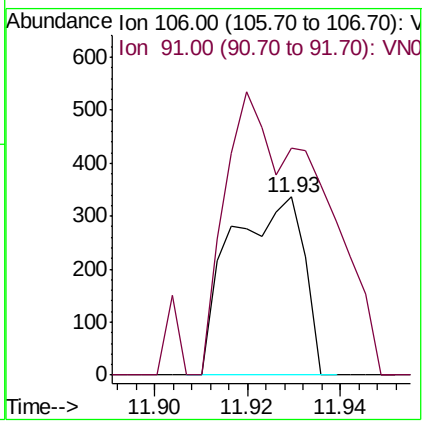


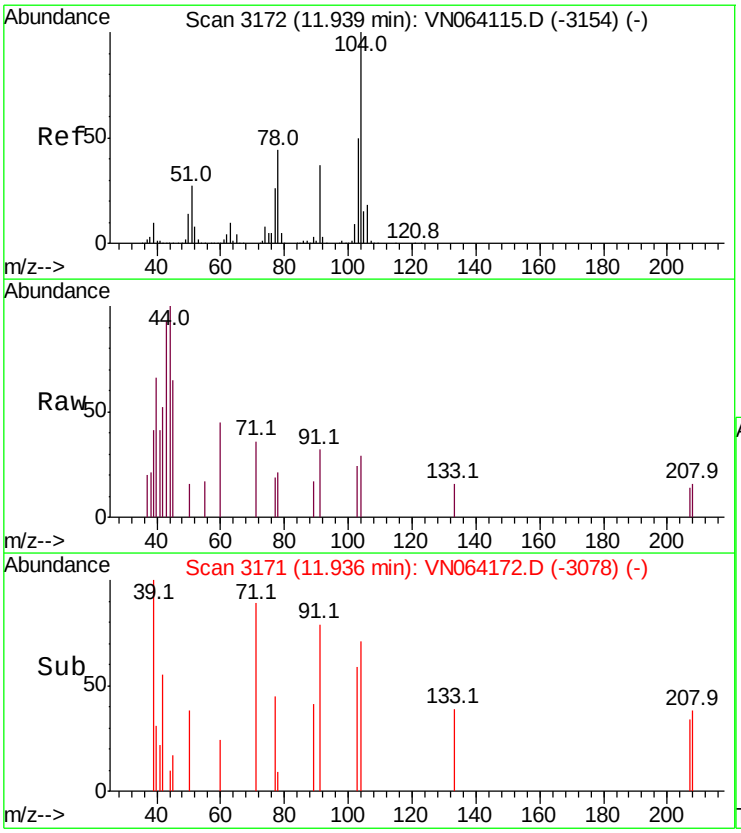
#69
o-Xylene
Concen: 1.619 ug/l
RT: 11.93 min Scan# 3169
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion:106 Resp: 367

Ion	Ratio	Lower	Upper
106	100		
91	206.8	107.6	322.8

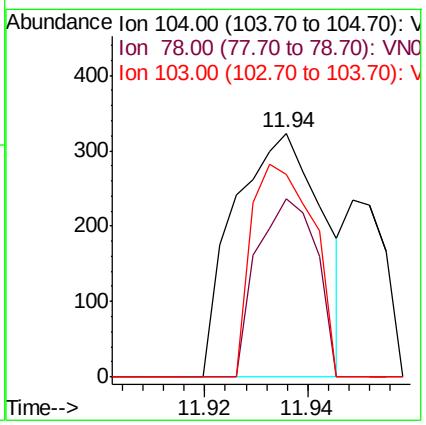


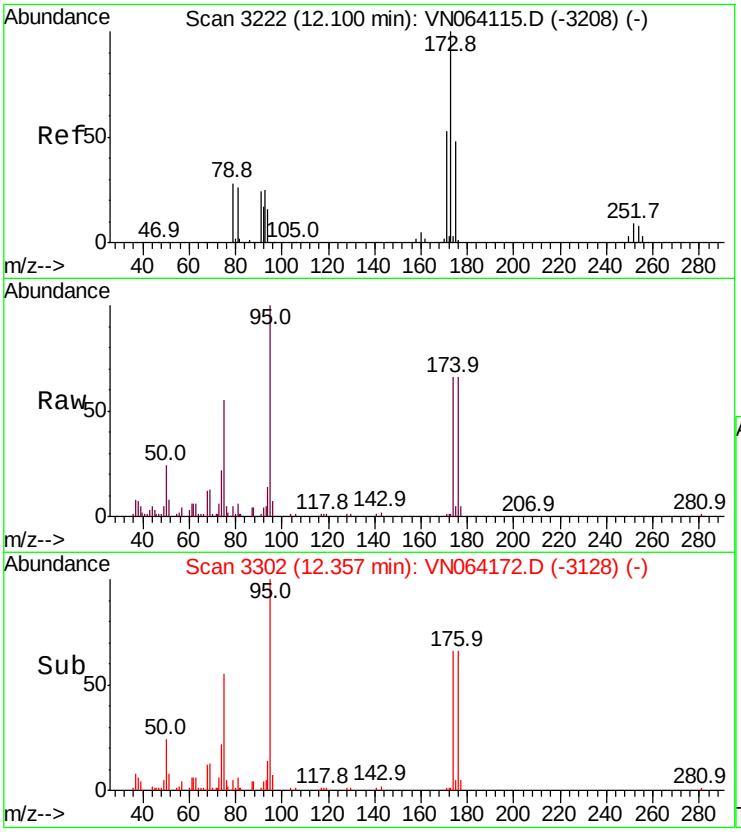


#70
Styrene
Concen: 2.058 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion:104 Resp: 383

Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.7	59.5
103	60.8	44.2	66.2



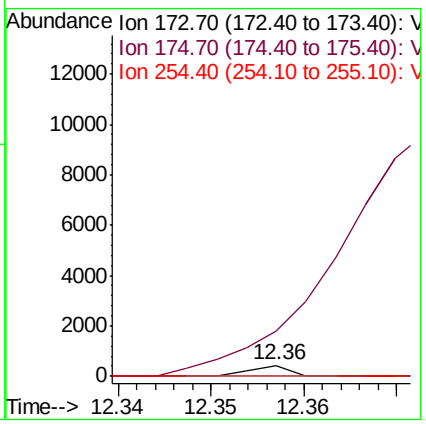


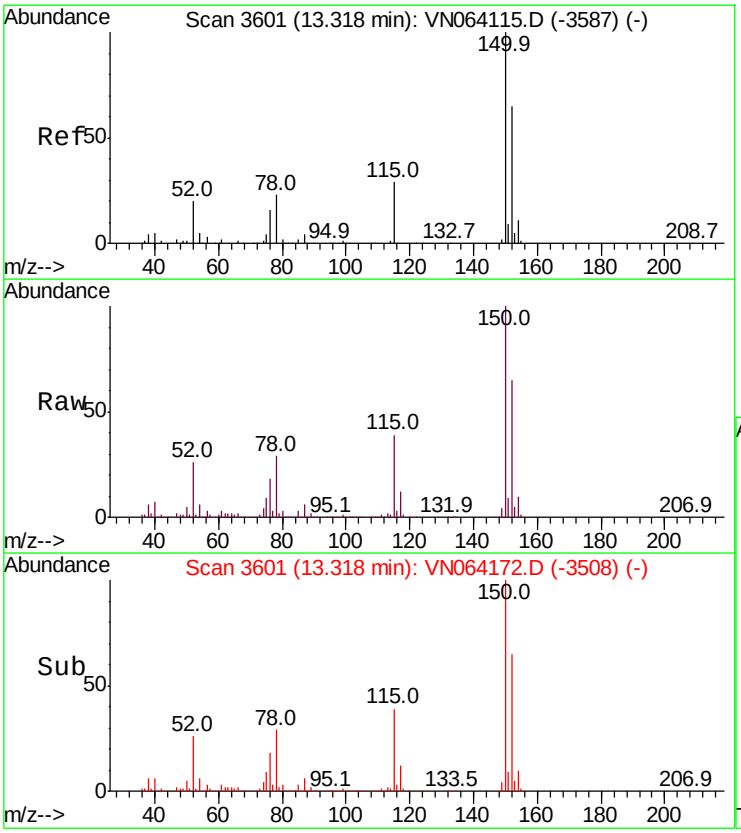
#71
Bromoform
Concen: 2.256 ug/l
RT: 12.36 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion:173 Resp: 126

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

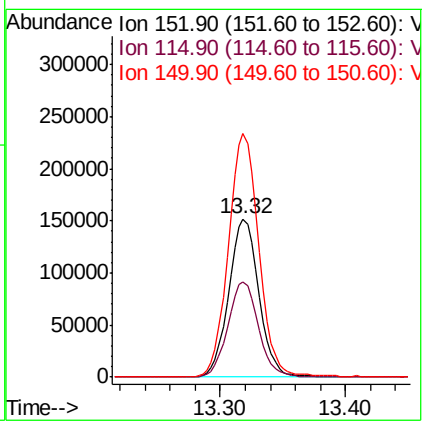


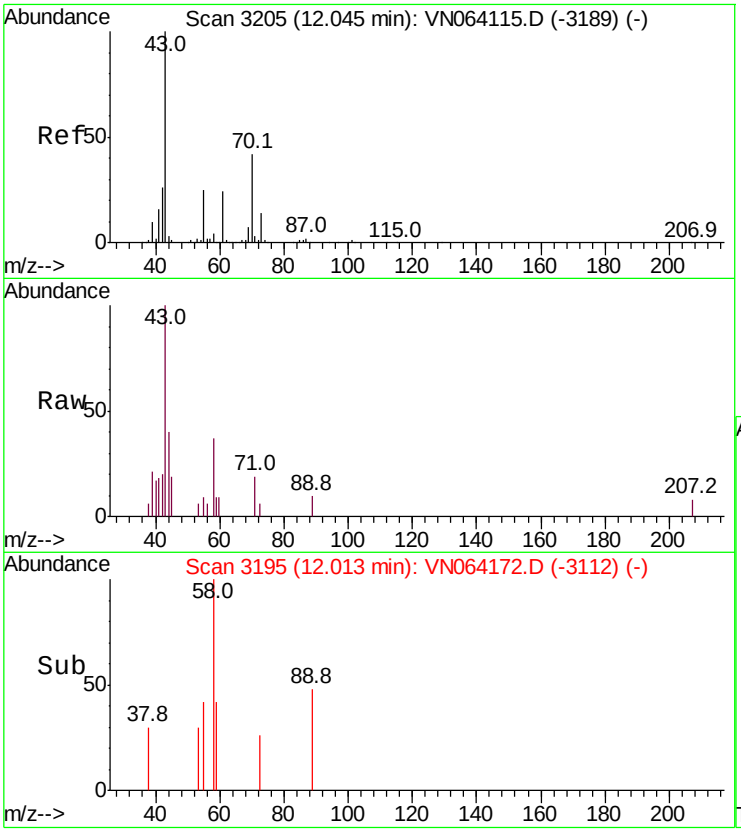


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion:152 Resp: 253277

Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.3	87.8
150	156.0	0.0	346.0



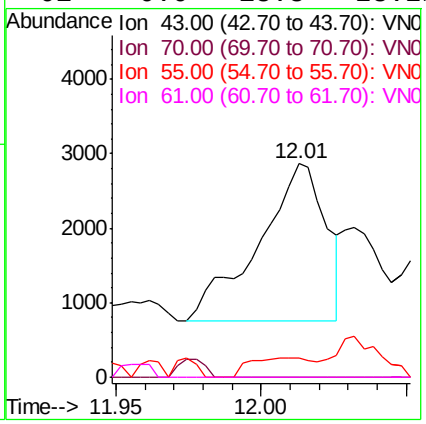


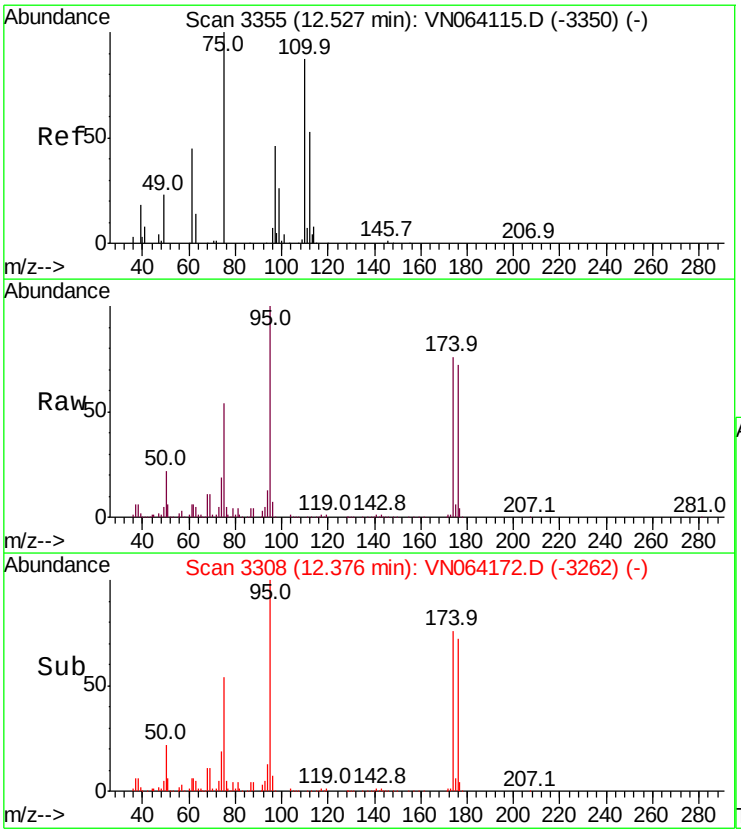
#74
N-amyl acetate
Concen: 0.496 ug/l
RT: 12.01 min Scan# 3195
Delta R.T. -0.03 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : PB132400ZHE#03

Tgt Ion: 43 Resp: 3406

Ion	Ratio	Lower	Upper
43	100		
70	0.0	33.2	49.8#
55	11.8	19.9	29.9#
61	0.0	18.8	28.2#

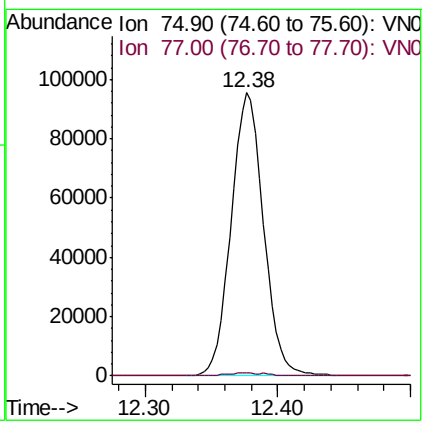


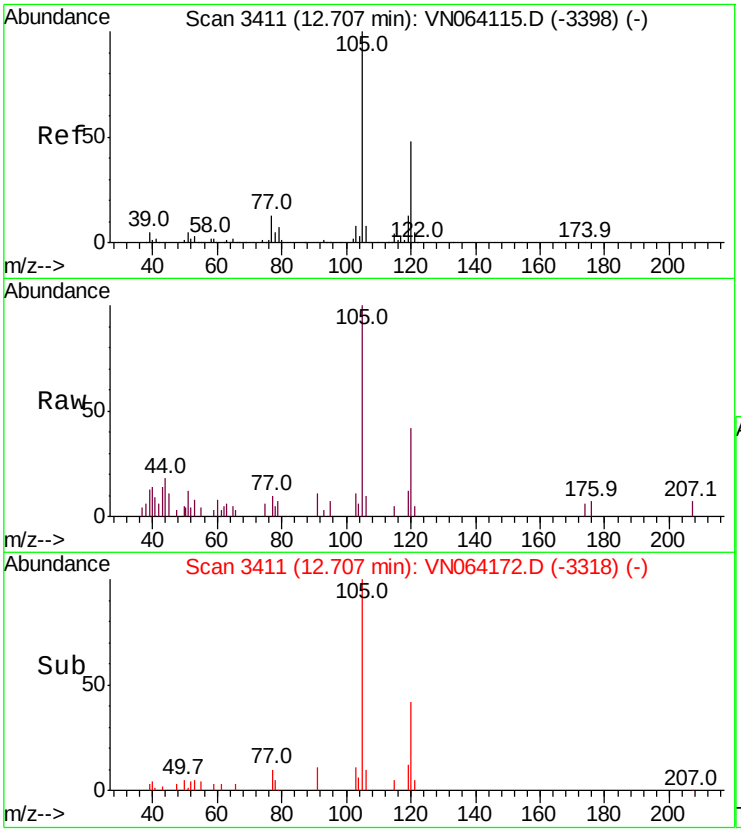


#76
1,2,3-Trichloropropane
Concen: 27.266 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 75 Resp: 162018

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



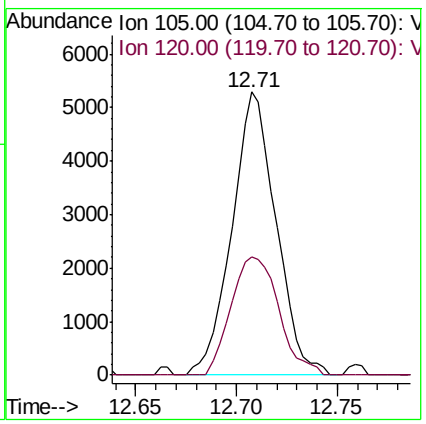


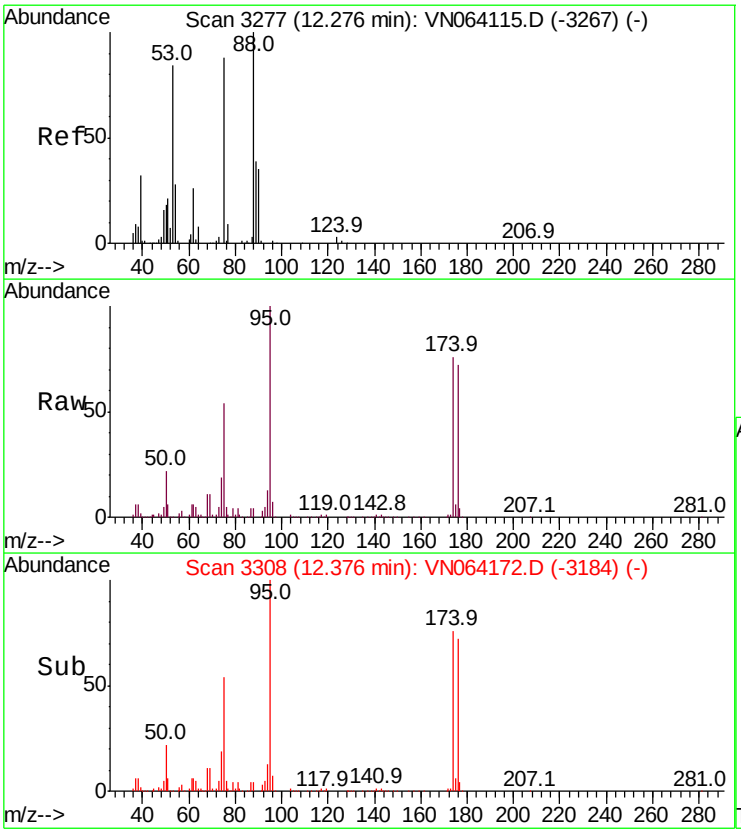
#80
1,3,5-Trimethylbenzene
Concen: 0.551 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion:105 Resp: 8112

Ion	Ratio	Lower	Upper
105	100		
120	45.4	24.0	72.0

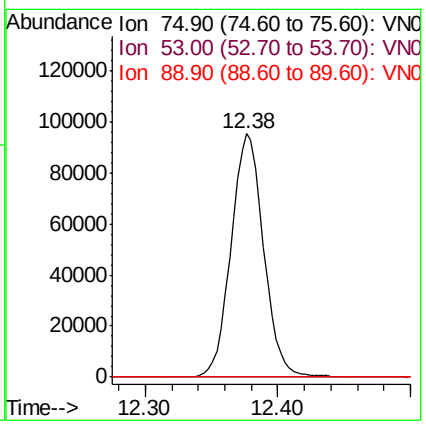


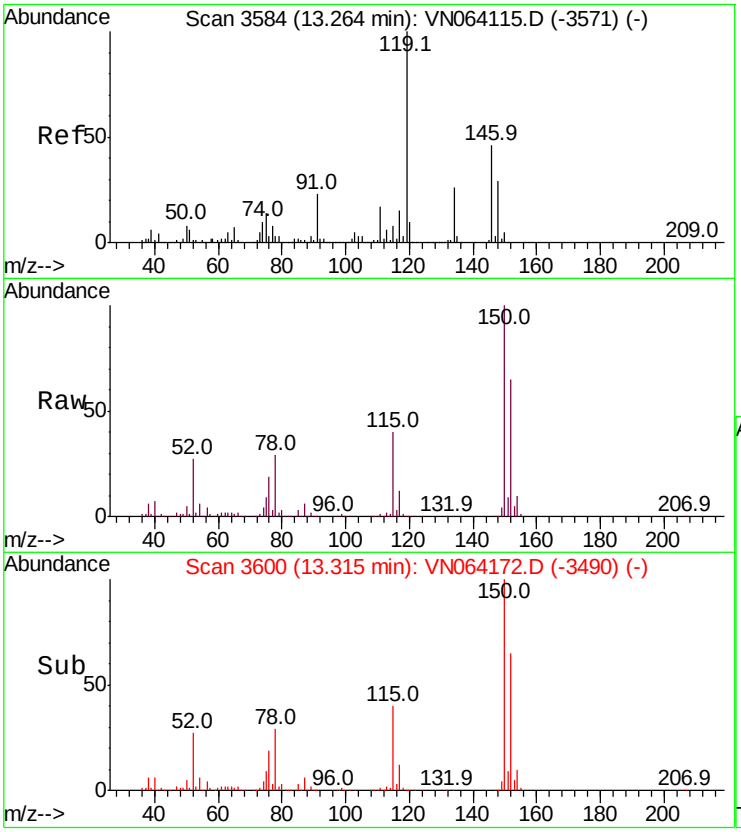


#81
trans-1,4-Dichloro-2-butene
Concen: 83.304 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 75 Resp: 162018

Ion	Ratio	Lower	Upper
75	100		
53	0.3	75.7	113.5#
89	0.0	36.6	55.0#



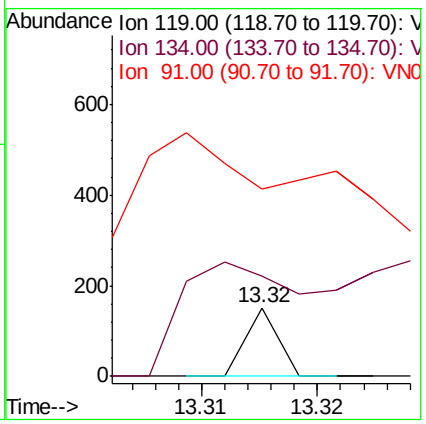


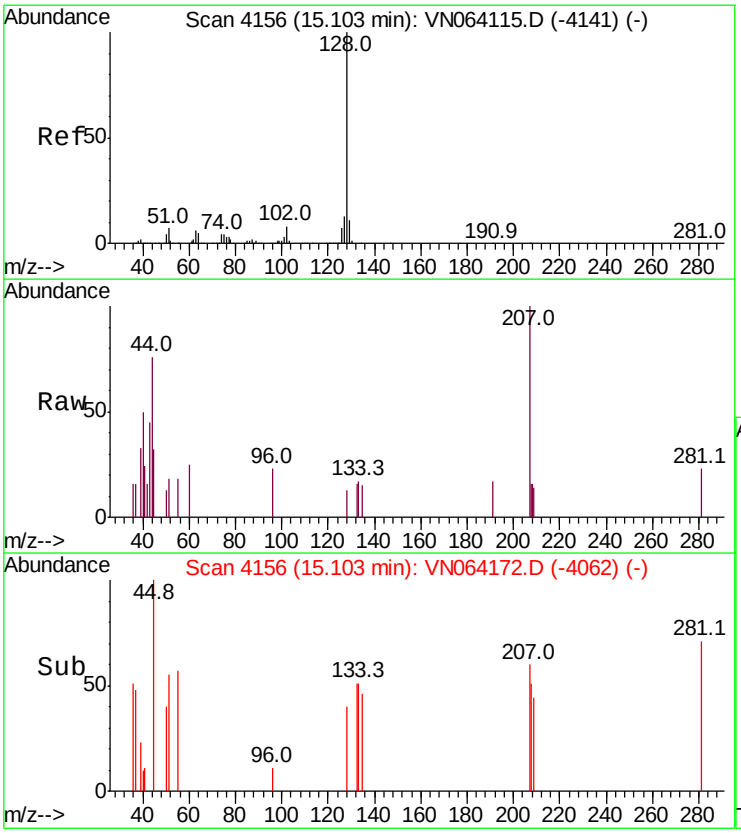
#86
p-Isopropyltoluene
Concen: 0.664 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.05 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tgt Ion:119 Resp: 29

Ion	Ratio	Lower	Upper
119	100		
134	575.9	13.2	39.5#
91	3100.0	12.0	36.1#





#95
Naphthalene
Concen: 3.802 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion:128 Resp: 59

Ion	Ratio	Lower	Upper
128	100		
127	52.5	10.2	15.4#
129	0.0	8.5	12.7#