Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101220\
Data File : VN064087.D
Acq On : 12 Oct 2020 19:02
Operator : JC/MD
Sample : L4225-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Quant Time: Oct 13 01:09:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	224555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	447502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	188307	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.52%			
35) Dibromofluoromethane	7.55	113	138154	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.28%			
50) Toluene-d8	10.06	98	547646	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
62) 4-Bromofluorobenzene	12.38	95	223786	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.30%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	223	0.544	ug/l #	71
16) Acetone	3.78	43	168099	147.197	ug/l	100
17) Carbon Disulfide	4.01	76	711	0.815	ug/l #	76
18) Methyl Acetate	4.28	43	5483	1.849	ug/l #	77
20) Methylene Chloride	4.51	84	9118	3.577	ug/l	90
25) 2-Butanone	6.79	43	1665	1.028	ug/l #	85
31) Cyclohexane	7.63	56	5499	1.277	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	19986	4.720	ug/l #	50
38) Carbon Tetrachloride	7.62	117	24812	5.226	ug/l #	15
43) Isopropyl Acetate	8.13	43	77101	11.111	ug/l	99
45) 1,2-Dichloropropane	9.23	63	1406	0.430	ug/l #	44
48) Methyl methacrylate	9.15	41	3882	1.132	ug/l #	13
51) 4-Methyl-2-Pentanone	9.95	43	7507	1.844	ug/l #	85
54) cis-1,3-Dichloropropene	9.87	75	30915	5.938	ug/l #	65
57) 1,3-Dichloropropane	10.73	76	4250	0.837	ug/l #	47
59) 2-Hexanone	10.74	43	70768	23.394	ug/l #	53
68) m/p-Xylenes	11.60	106	1409	0.226	ug/l	97
74) N-amyl acetate	12.01	43	3733	2.793	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	123040	30.583	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	123040	88.082	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.02	105	7207	0.646	ug/l	96
93) 1,2,4-Trichlorobenzene	14.86	180	63	1.755	ug/l #	1
95) Naphthalene	15.11	128	3489	2.265	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.31	180	93	1.597	ug/l #	1

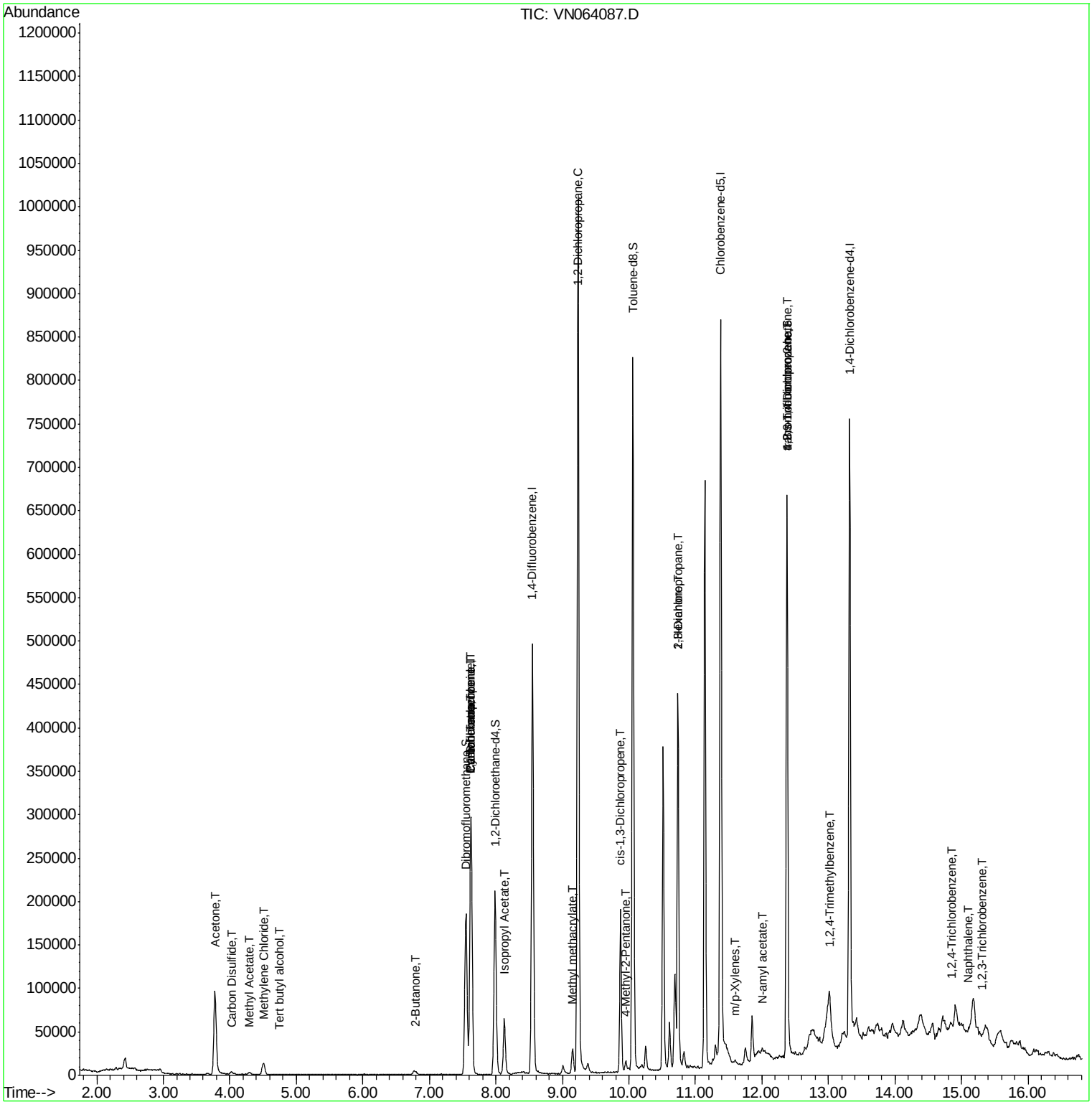
(#) = qualifier out of range (m) = manual integration (+) = signals summed

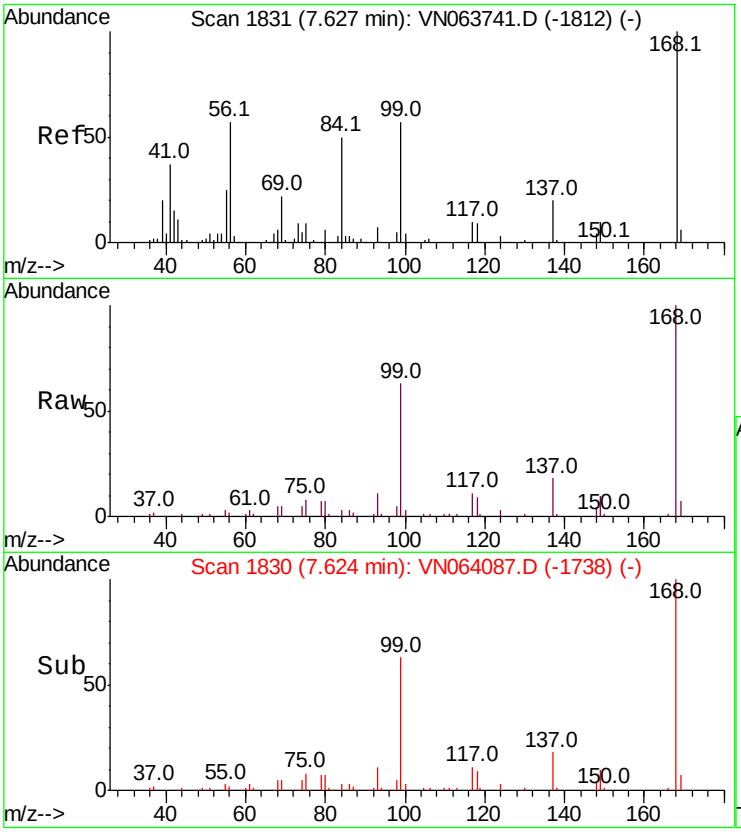
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101220\
Data File : VN064087.D
Acq On : 12 Oct 2020 19:02
Operator : JC/MD
Sample : L4225-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Quant Time: Oct 13 01:09:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration



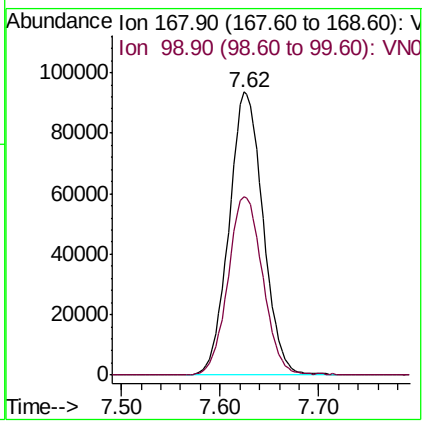


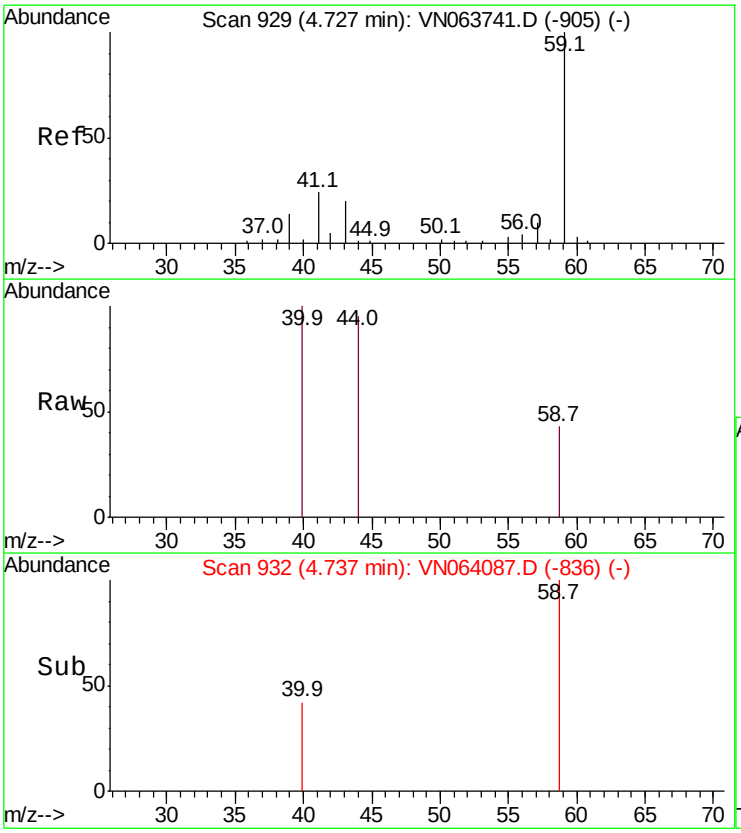
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion:168 Resp: 224555

Ion	Ratio	Lower	Upper
168	100		
99	63.2	51.8	77.6

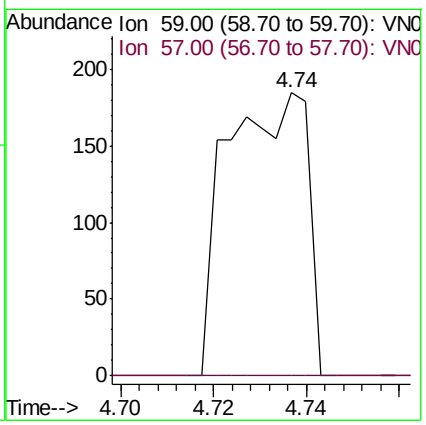


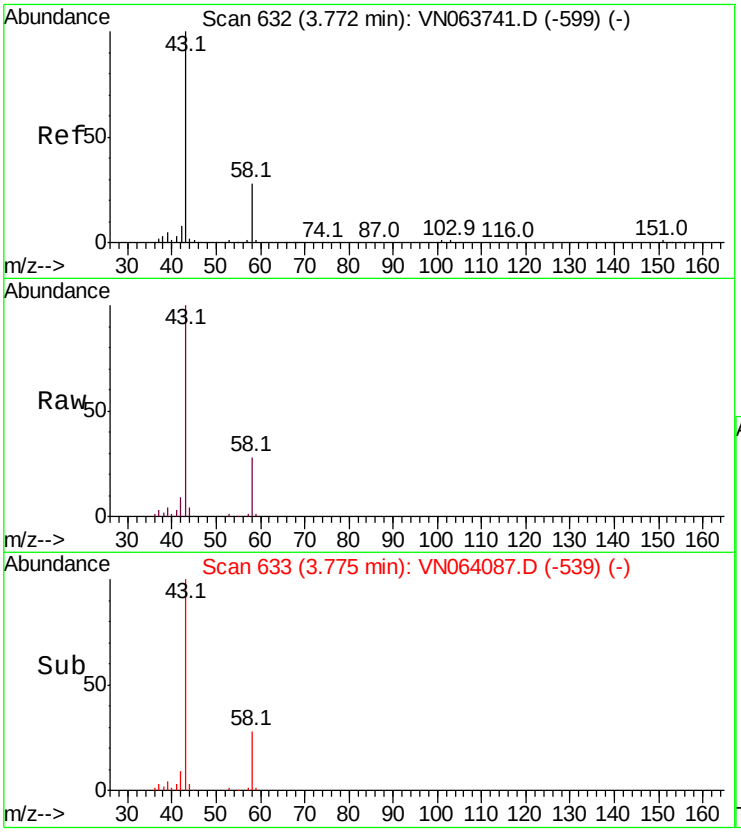


#11
Tert butyl alcohol
Concen: 0.544 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.01 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 59 Resp: 223

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



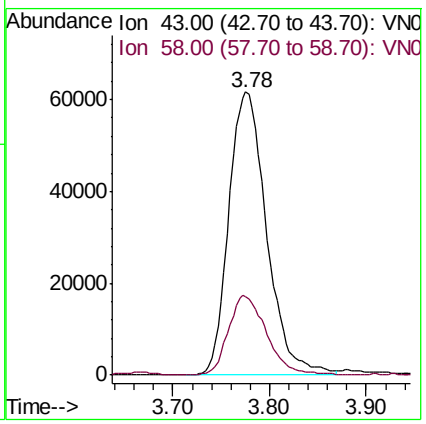


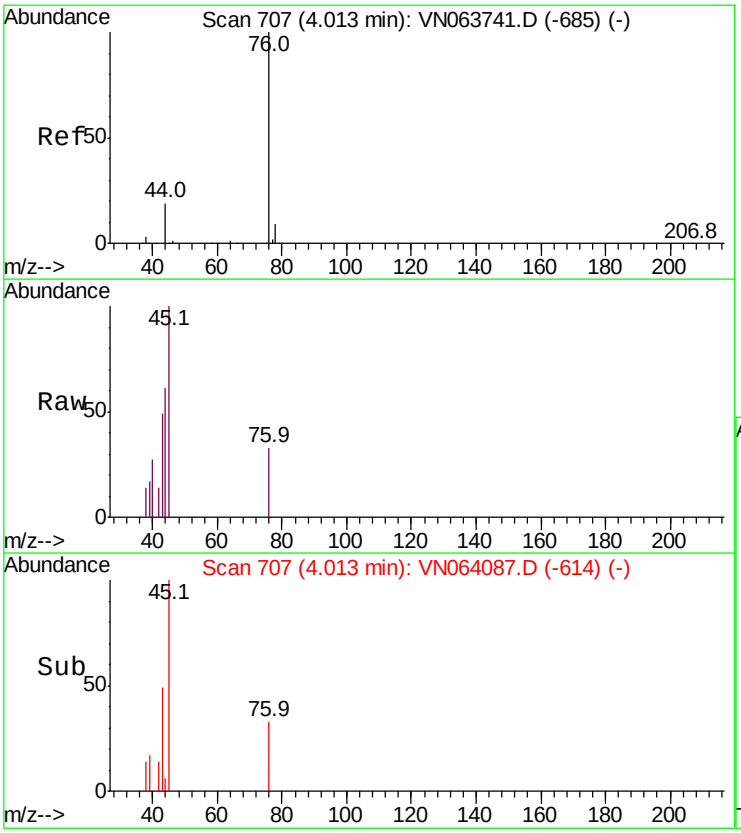
#16
Acetone
Concen: 147.197 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion: 43 Resp: 168099

Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.3	33.5

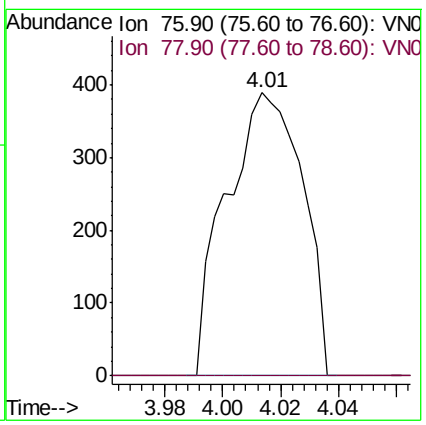


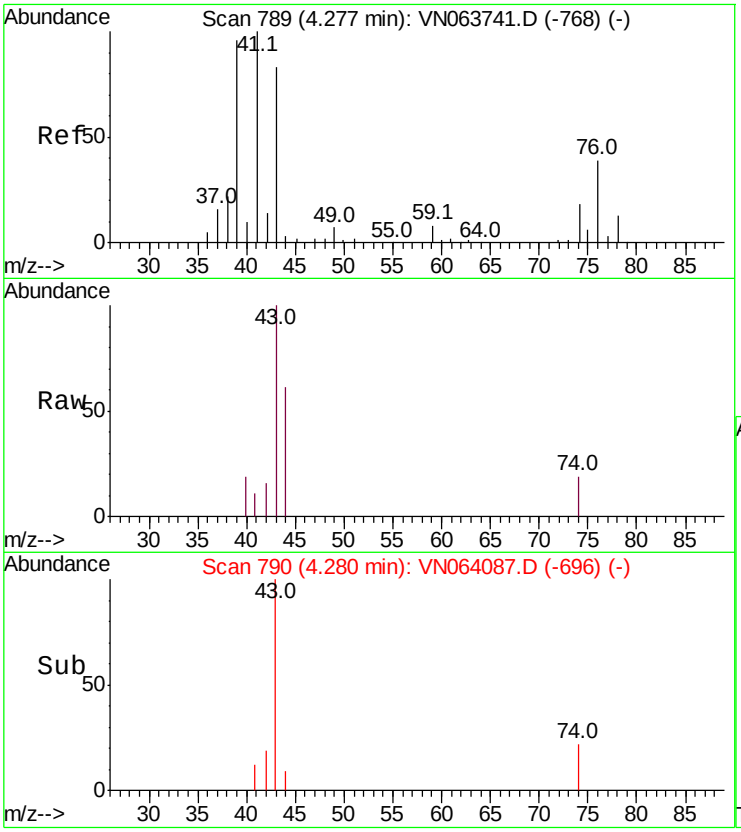


#17
Carbon Disulfide
Concen: 0.815 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 76 Resp: 711

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



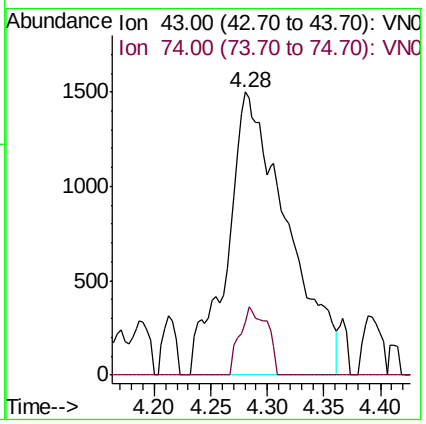


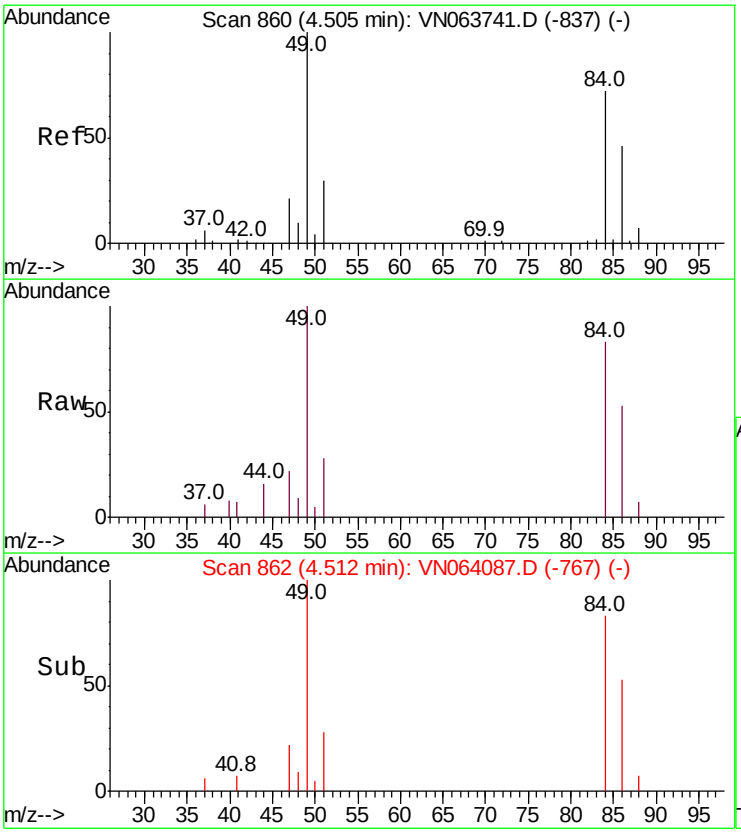
#18
Methyl Acetate
Concen: 1.849 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Tgt Ion: 43 Resp: 5483

Ion	Ratio	Lower	Upper
43	100		
74	11.0	17.4	26.2#

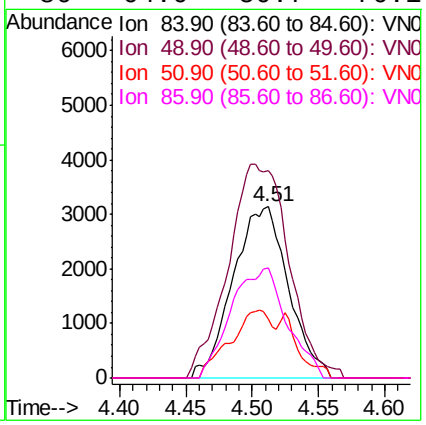


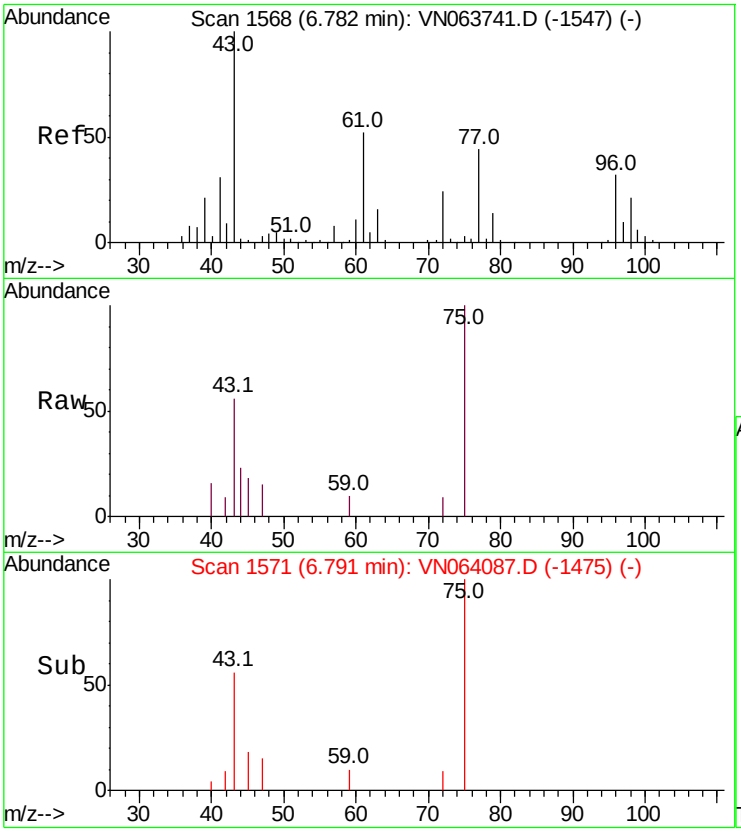


#20
Methylene Chloride
Concen: 3.577 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 84 Resp: 9118

Ion	Ratio	Lower	Upper
84	100		
49	120.8	110.4	165.6
51	34.2	33.3	49.9
86	64.0	50.7	76.1



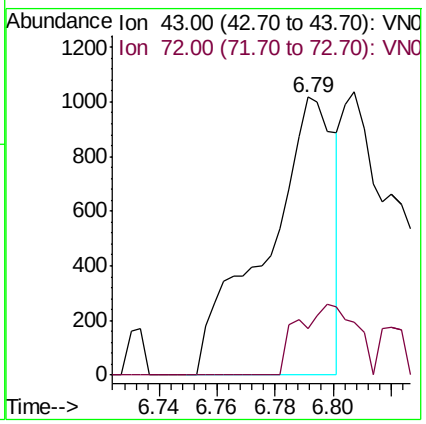


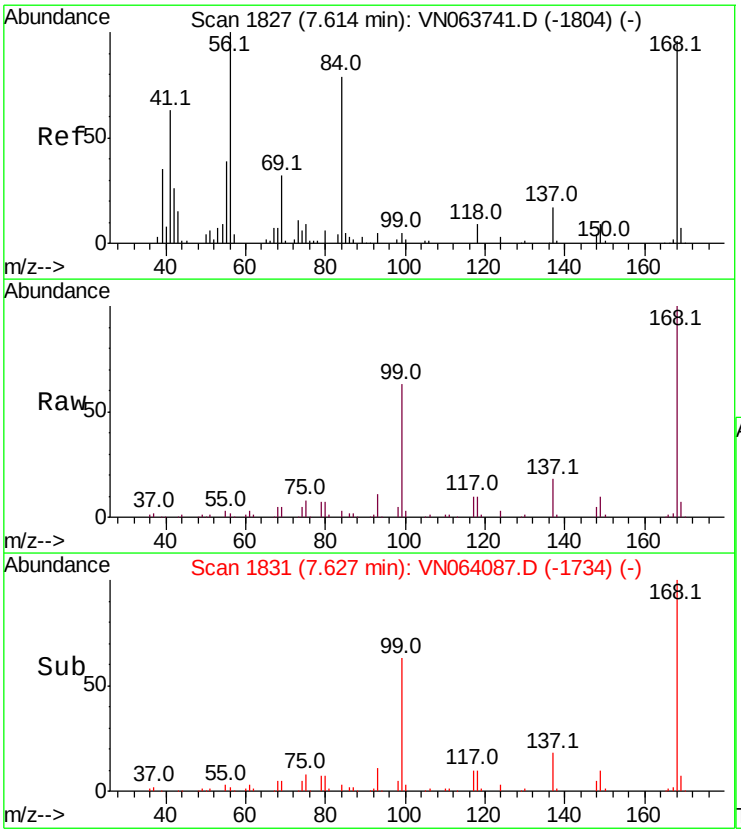
#25
2-Butanone
Concen: 1.028 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Tgt Ion: 43 Resp: 1665

Ion	Ratio	Lower	Upper
43	100		
72	16.9	19.3	28.9#

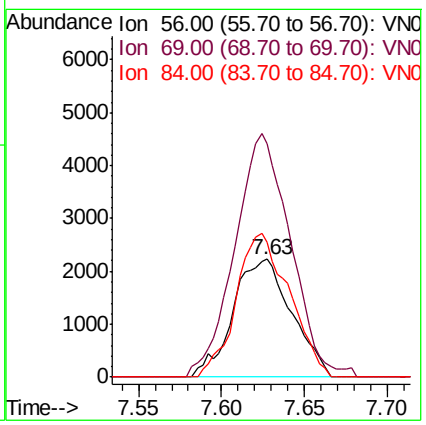


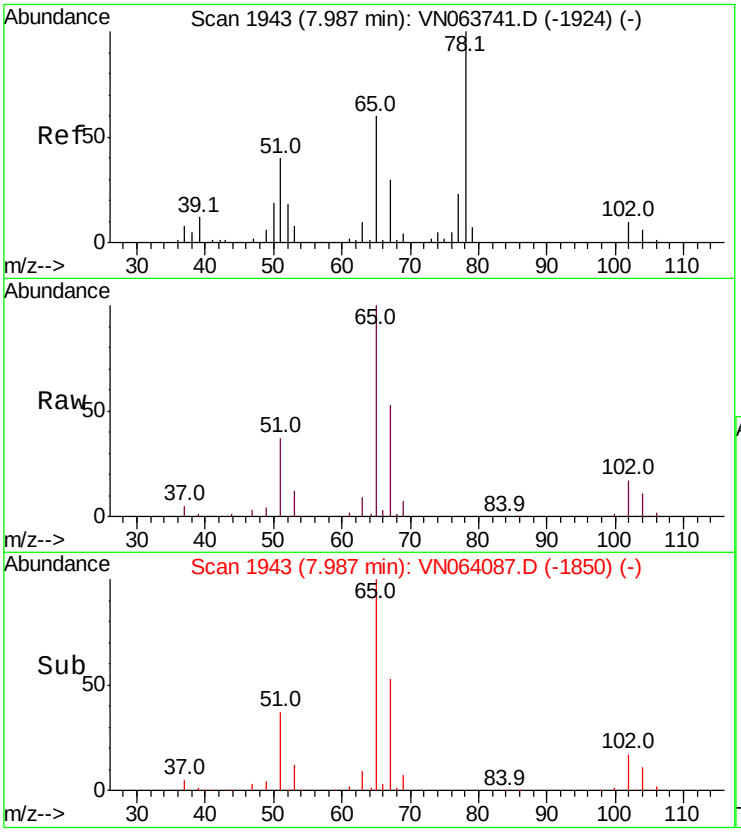


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 56 Resp: 5499

Ion	Ratio	Lower	Upper
56	100		
69	197.6	25.4	38.2#
84	114.7	63.3	94.9#



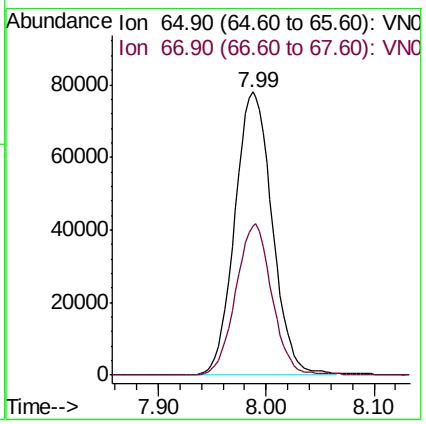


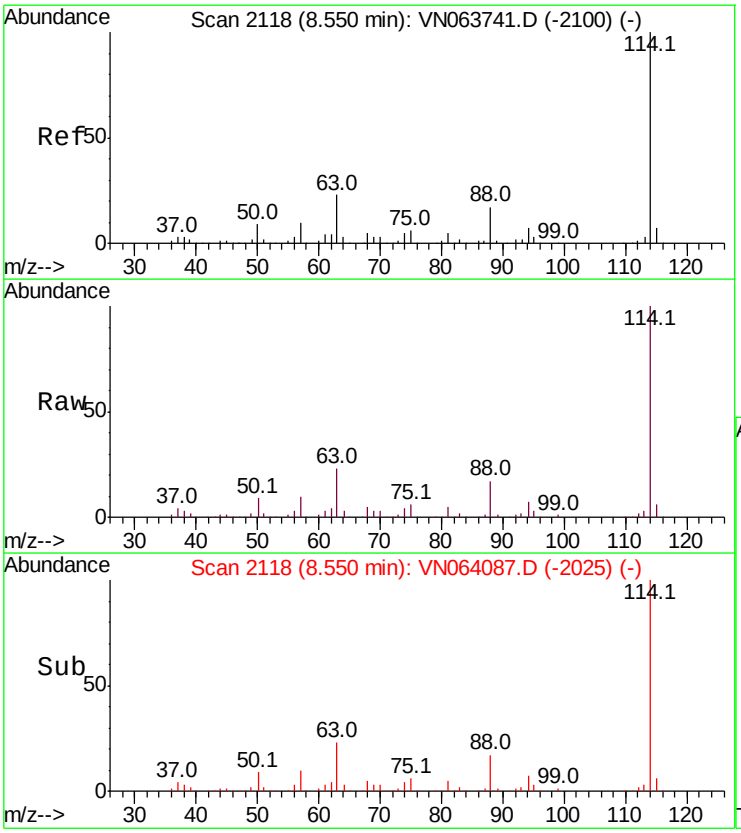
#33
1,2-Dichloroethane-d4
Concen: 50.759 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion: 65 Resp: 188307

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	99.6

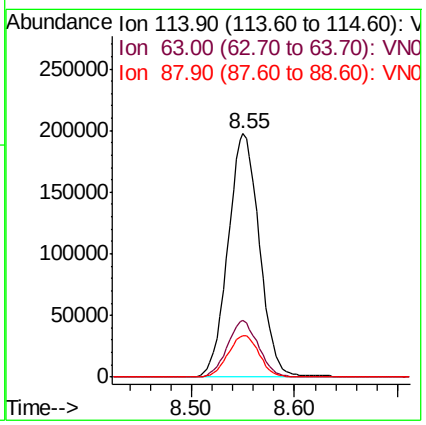


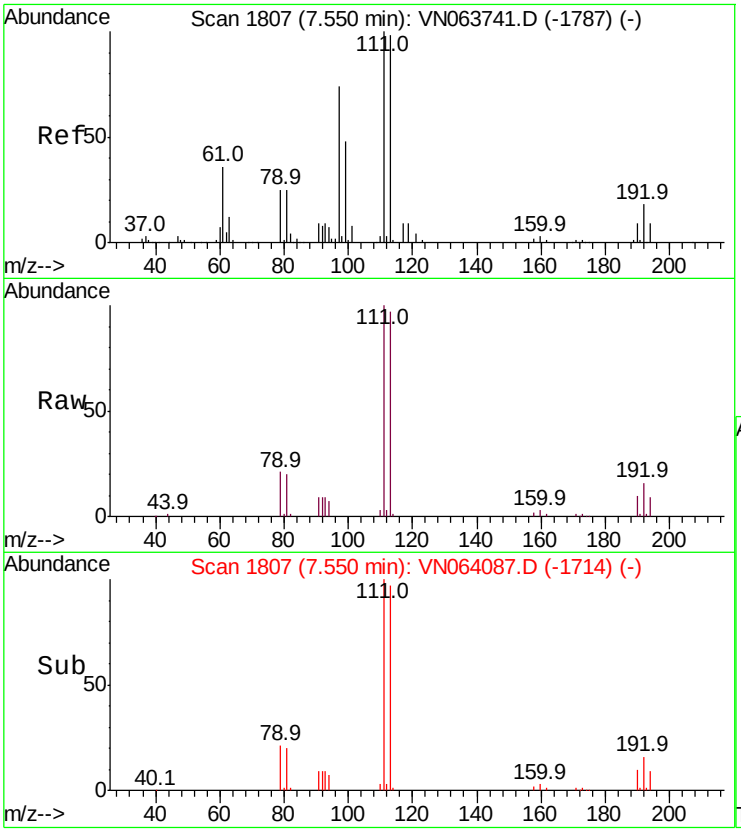


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion:114 Resp: 417956

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.0
88	17.2	0.0	34.0



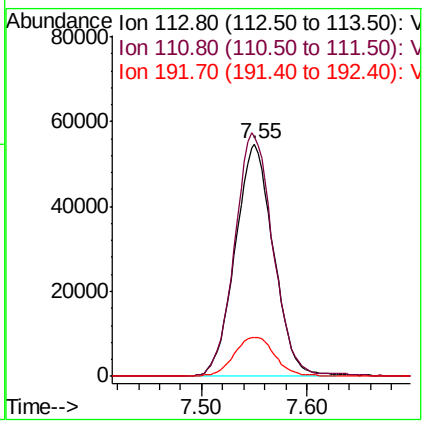


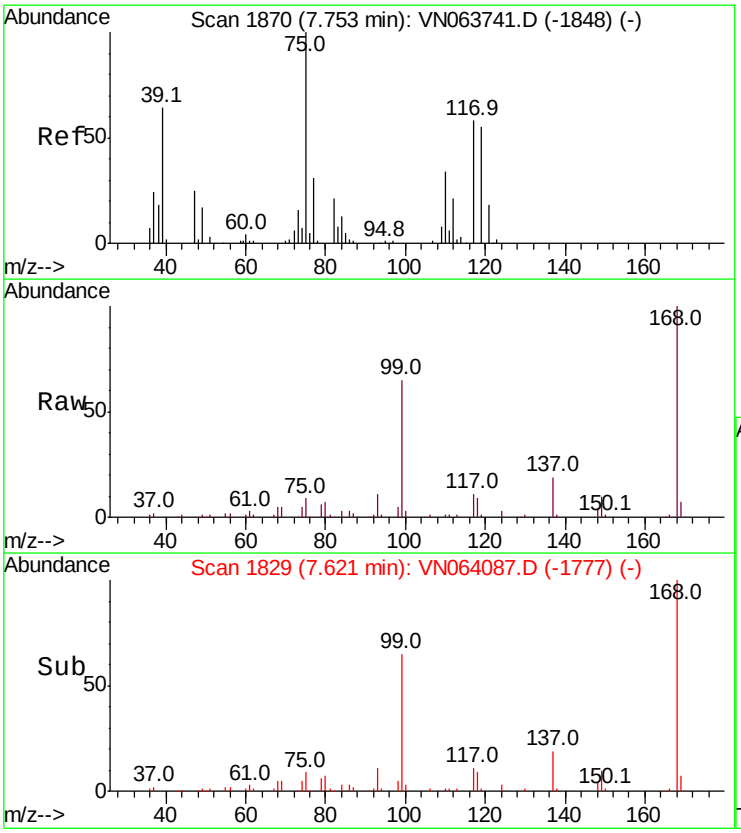
#35
Dibromofluoromethane
Concen: 47.638 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion:113 Resp: 138154

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.8
192	18.0	14.2	21.2

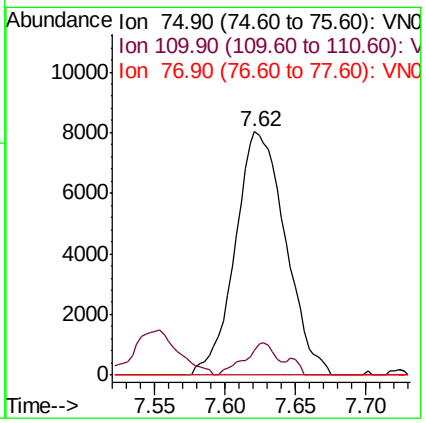


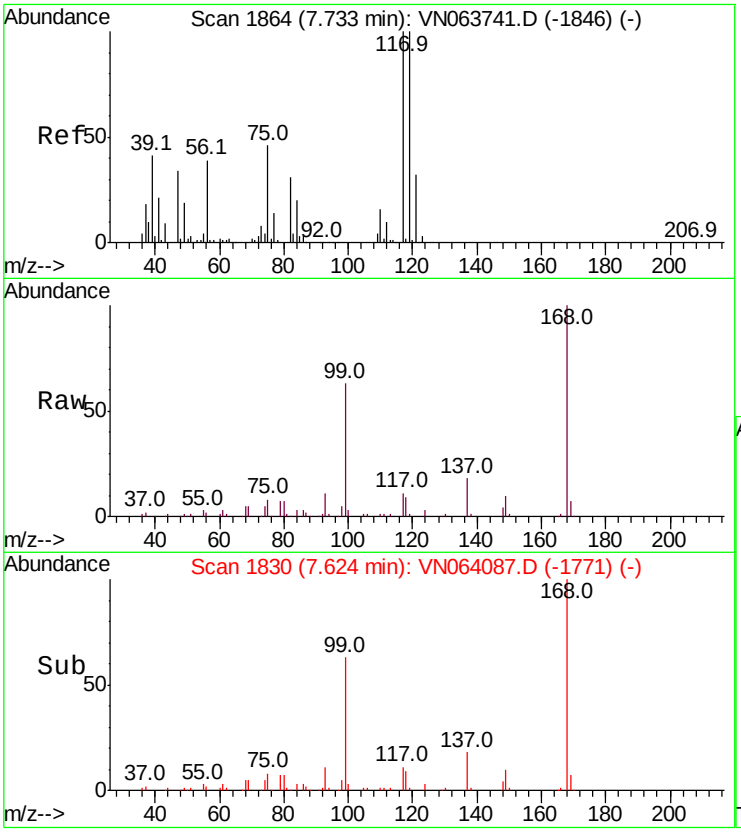


#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. -0.13 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 75 Resp: 19986

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.9	50.6#
77	0.0	24.5	36.7#



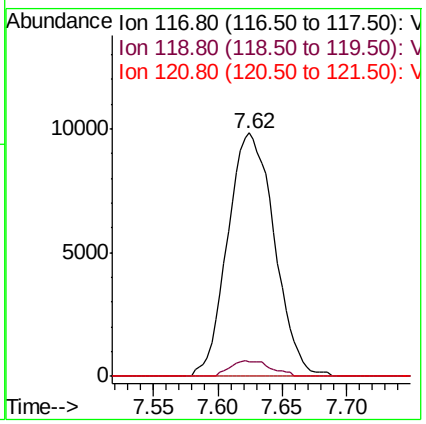


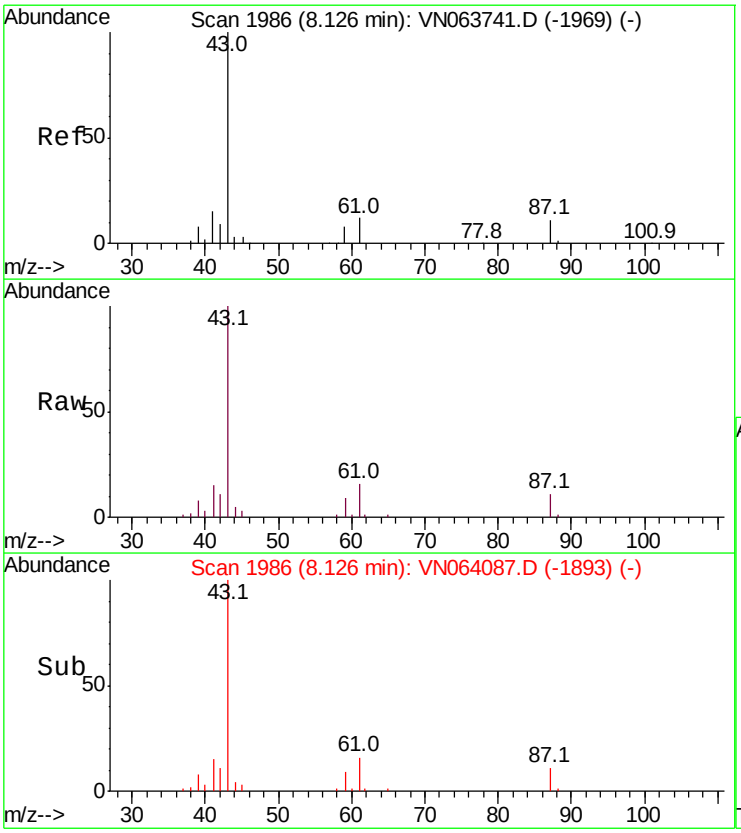
#38
Carbon Tetrachloride
Concen: 5.226 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Tgt Ion:117 Resp: 24812

Ion	Ratio	Lower	Upper
117	100		
119	6.1	80.1	120.1#
121	0.0	25.7	38.5#

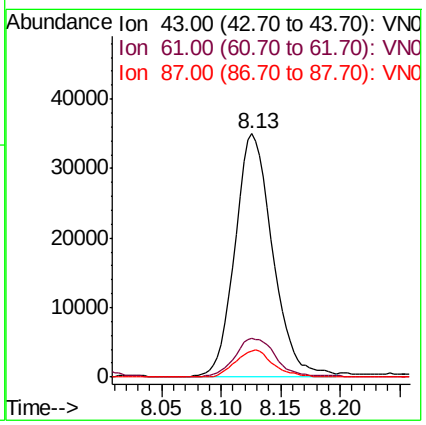


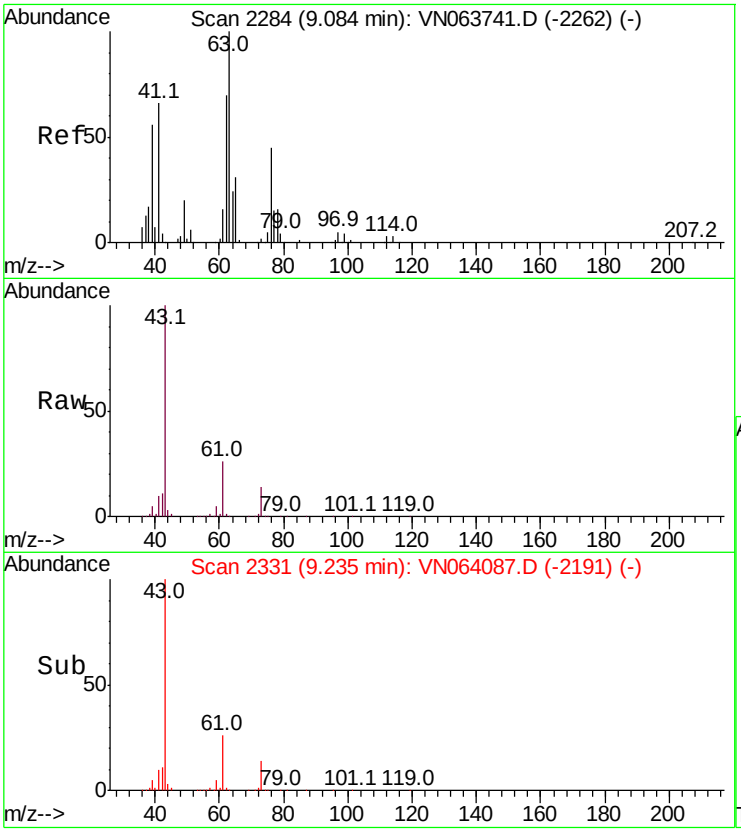


#43
Isopropyl Acetate
Concen: 11.111 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 43 Resp: 77101

Ion	Ratio	Lower	Upper
43	100		
61	17.0	14.2	21.4
87	10.9	9.0	13.6



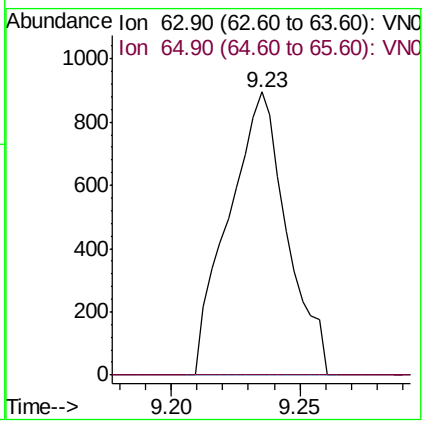


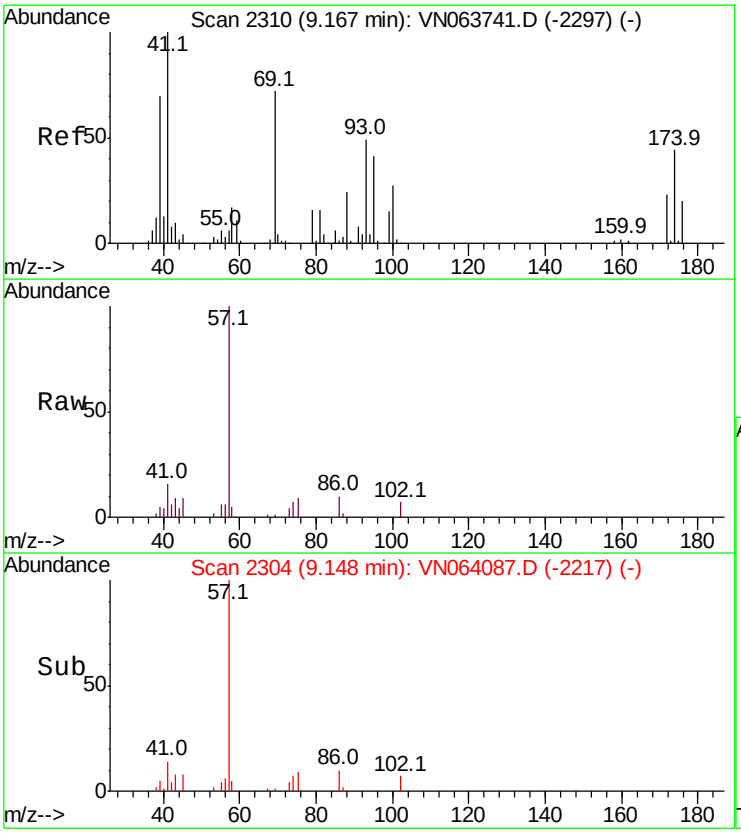
#45
1,2-Dichloropropane
Concen: 0.430 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Tgt Ion: 63 Resp: 1406

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#

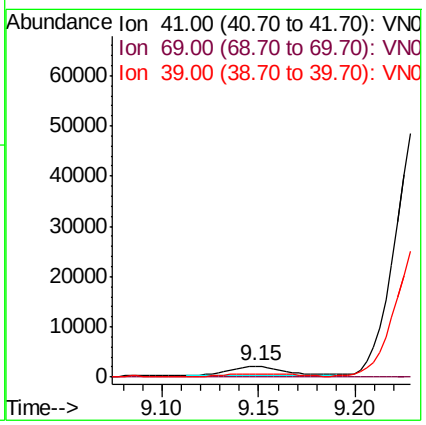


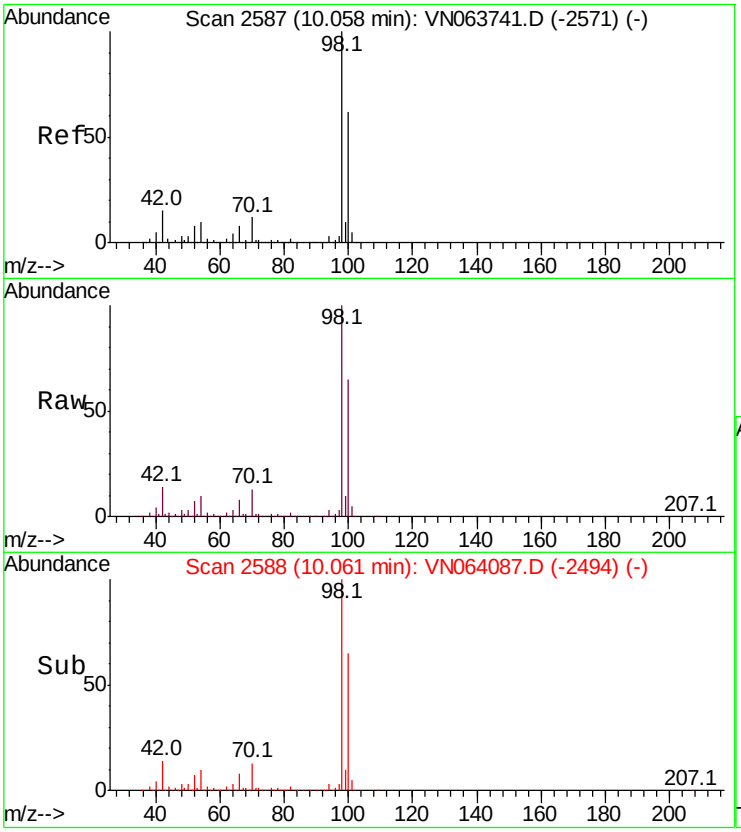


#48
Methyl methacrylate
Concen: 1.132 ug/l
RT: 9.15 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 41 Resp: 3882

Ion	Ratio	Lower	Upper
41	100		
69	0.8	60.9	91.3#
39	0.0	57.5	86.3#



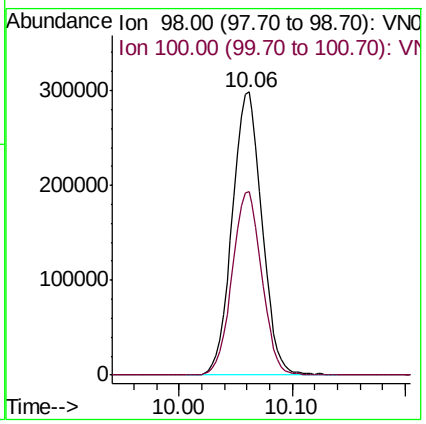


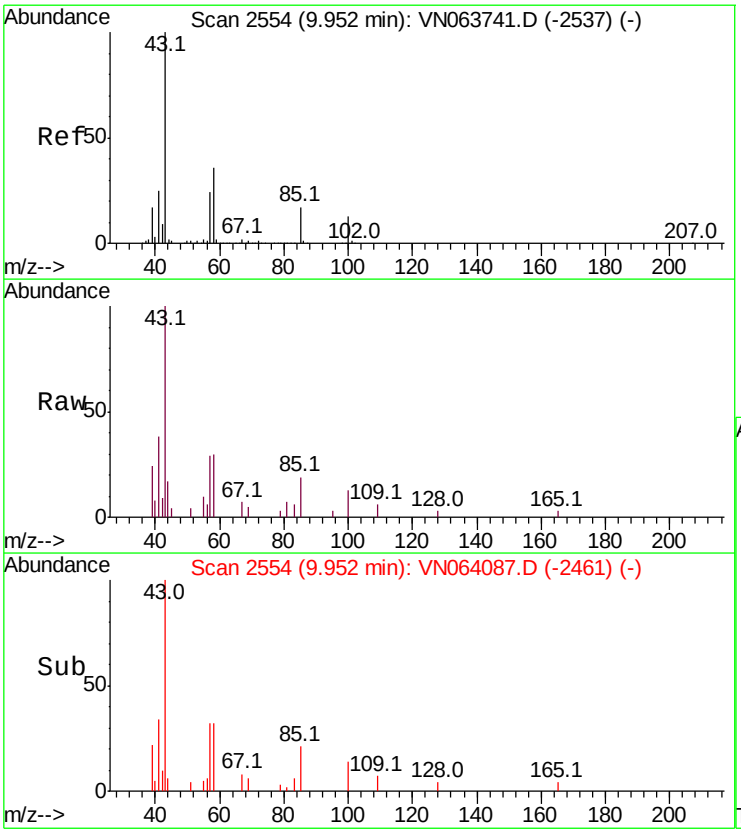
#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Tgt Ion: 98 Resp: 547646

Ion	Ratio	Lower	Upper
98	100		
100	64.5	49.8	74.6

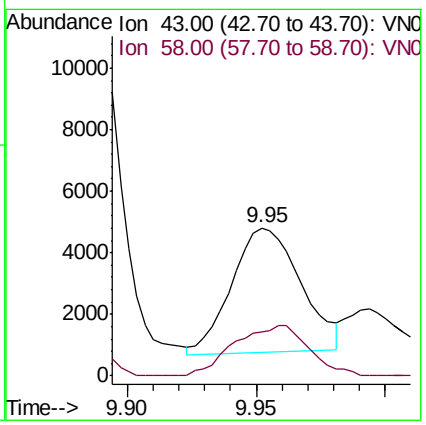


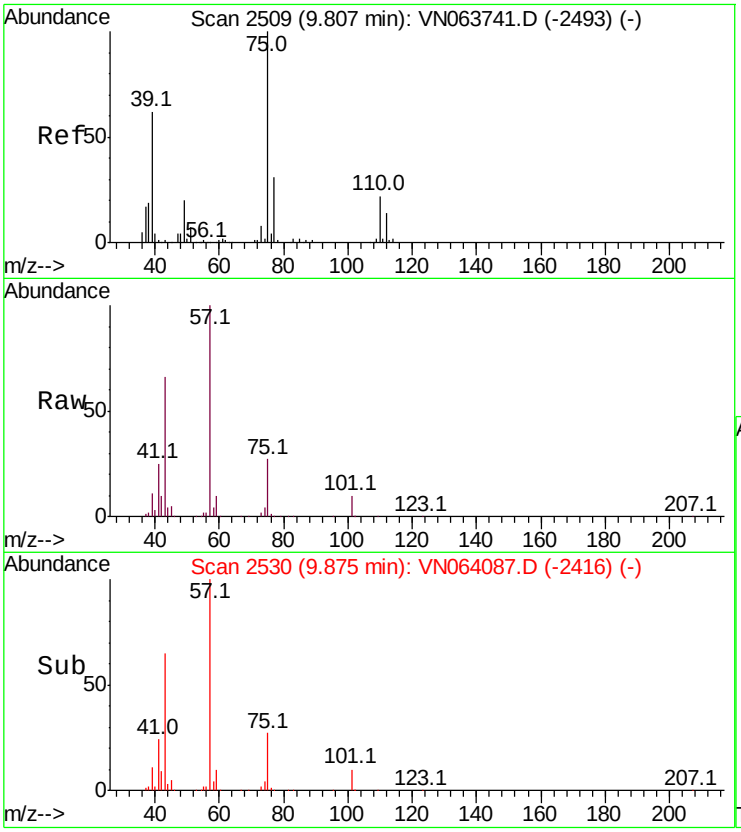


#51
4-Methyl-2-Pentanone
Concen: 1.844 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 43 Resp: 7507

Ion	Ratio	Lower	Upper
43	100		
58	44.1	28.4	42.6#



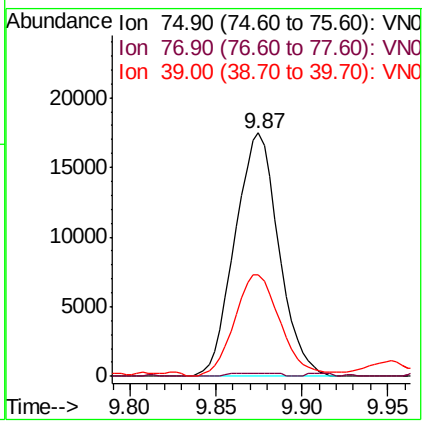


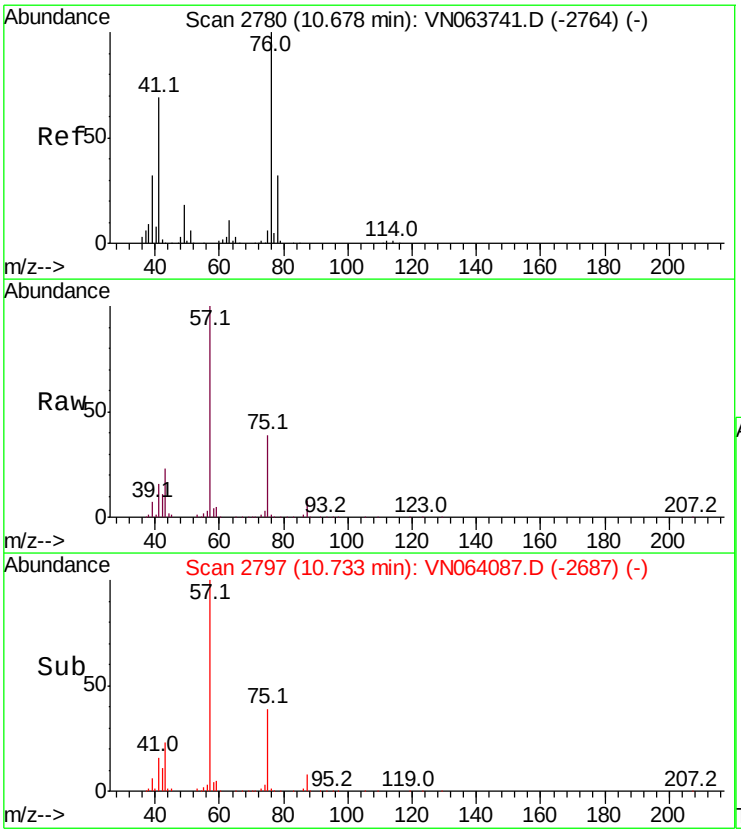
#54
cis-1,3-Dichloropropene
Concen: 5.938 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument : MSVOA_N
ClientSampleId : SU-01-100920

Tgt Ion: 75 Resp: 30915

Ion	Ratio	Lower	Upper
75	100		
77	1.4	24.6	36.8#
39	41.8	49.7	74.5#

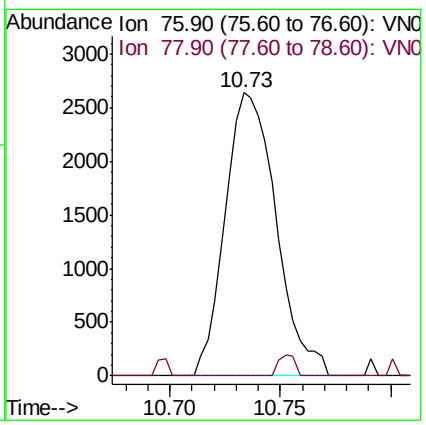


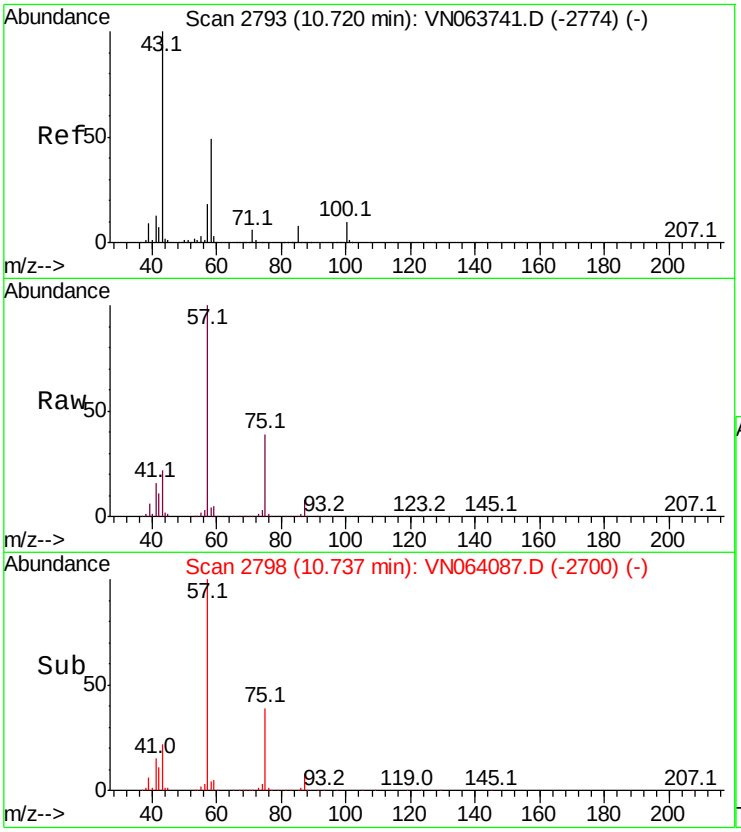


#57
1,3-Dichloropropane
Concen: 0.837 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.05 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 76 Resp: 4250

Ion	Ratio	Lower	Upper
76	100		
78	2.4	25.2	37.8#



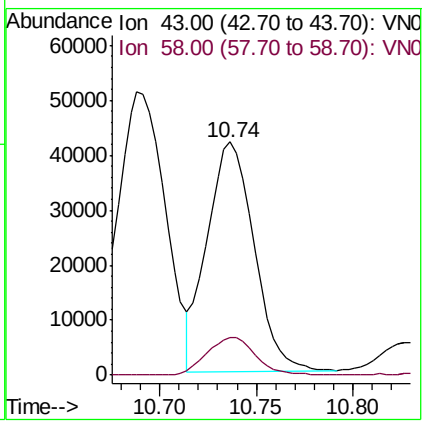


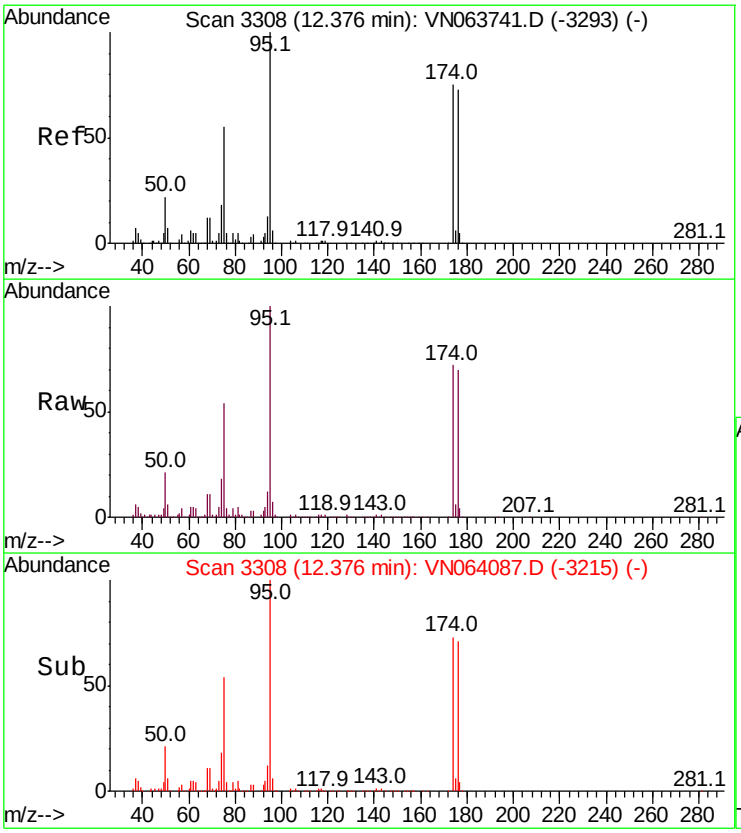
#59
2-Hexanone
Concen: 23.394 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion: 43 Resp: 70768

Ion	Ratio	Lower	Upper
43	100		
58	17.1	24.6	73.8#

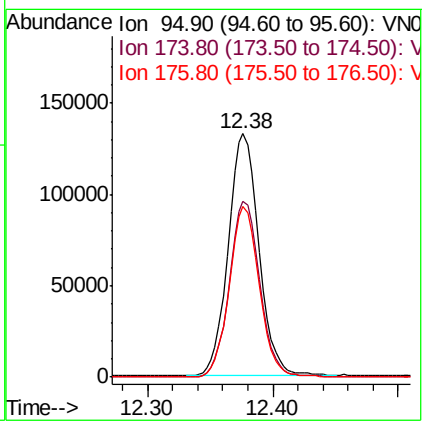


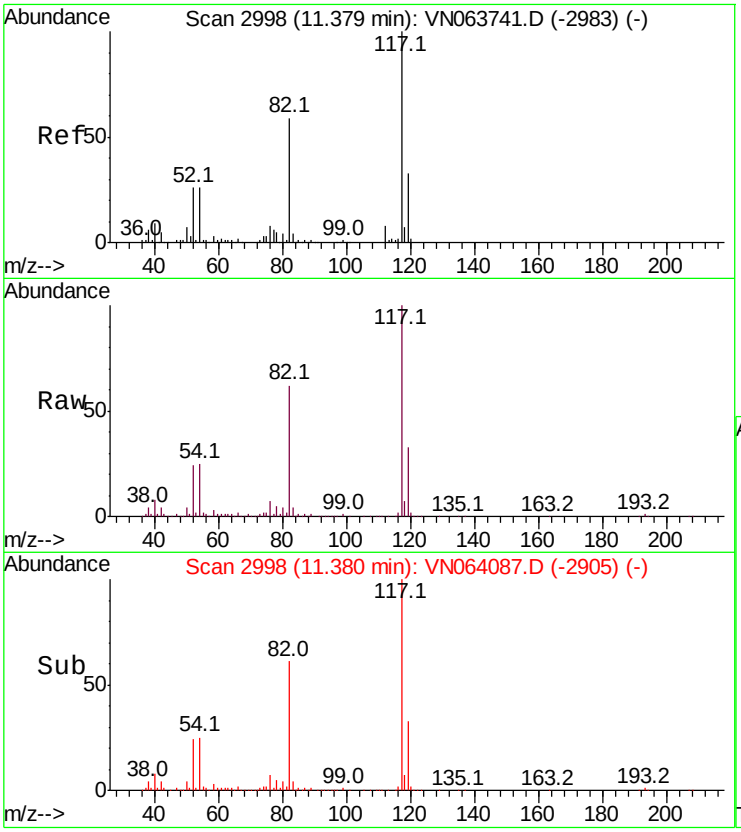


#62
4-Bromofluorobenzene
Concen: 54.150 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 95 Resp: 223786

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	150.6
176	69.8	0.0	145.4



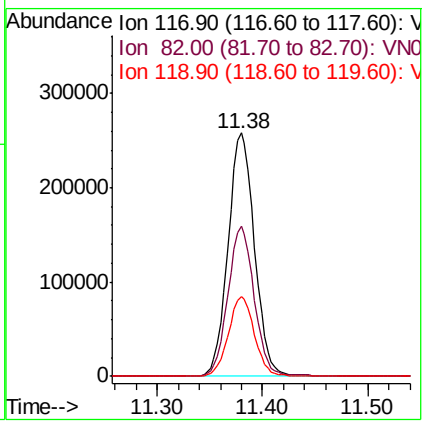


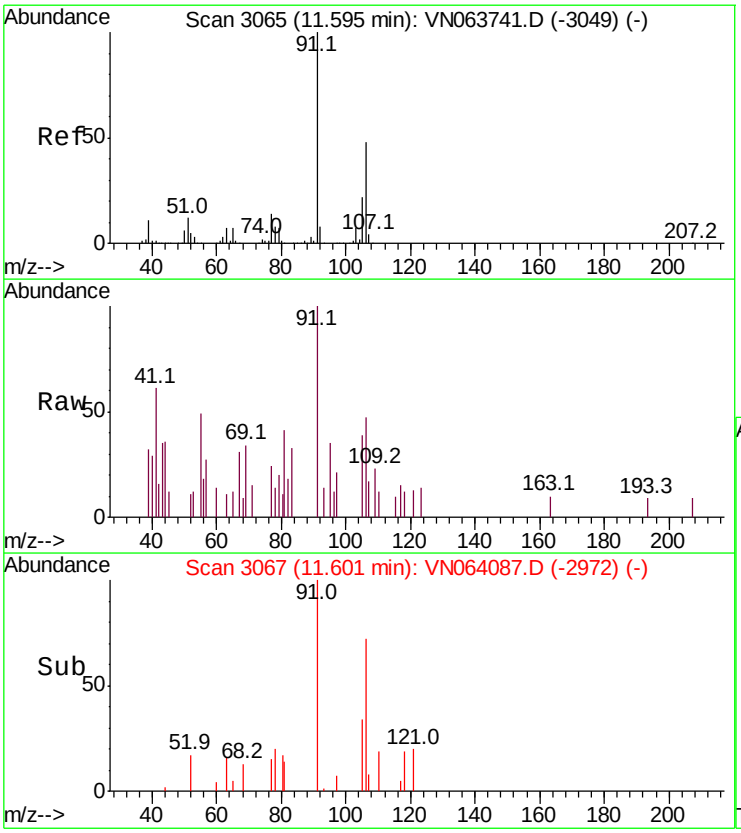
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion:117 Resp: 447502

Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.4	71.2
119	32.6	26.4	39.6

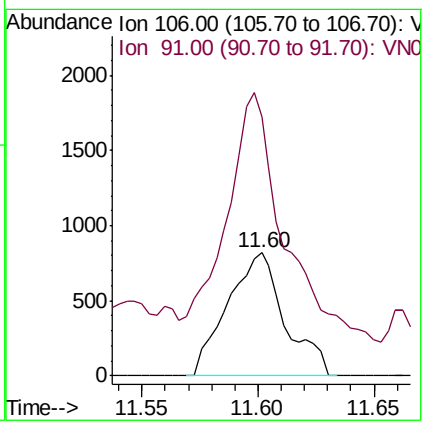


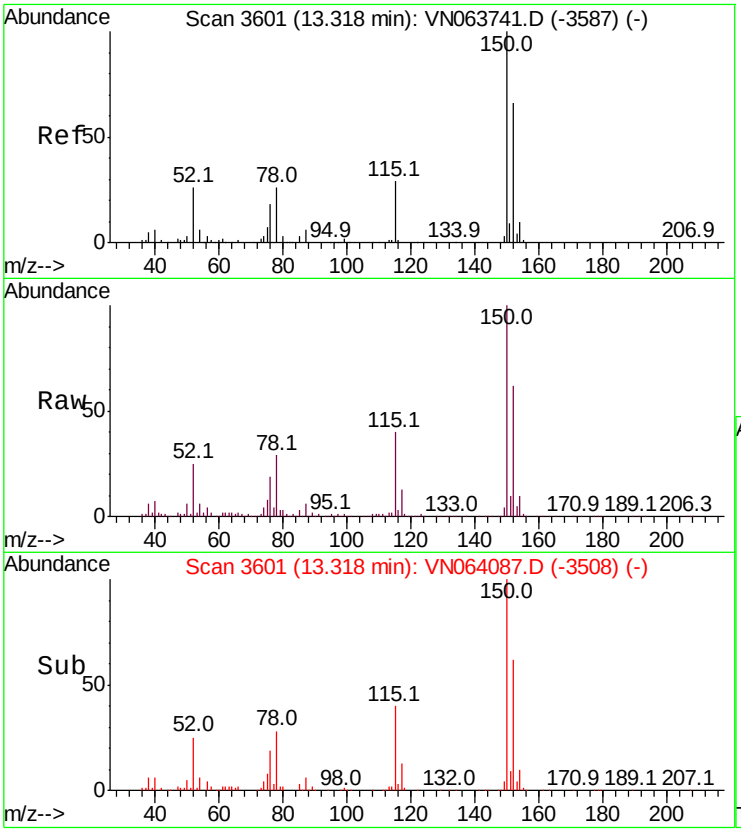


#68
m/p-Xylenes
Concen: 0.226 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion:106 Resp: 1409

Ion	Ratio	Lower	Upper
106	100		
91	204.5	168.0	252.0



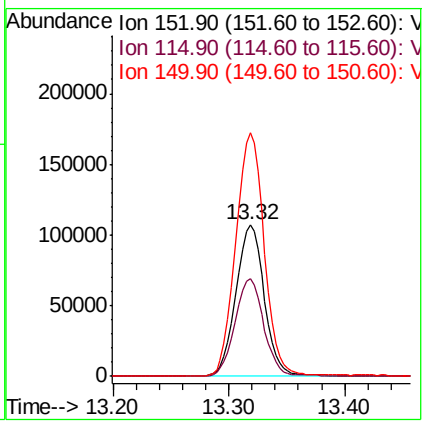


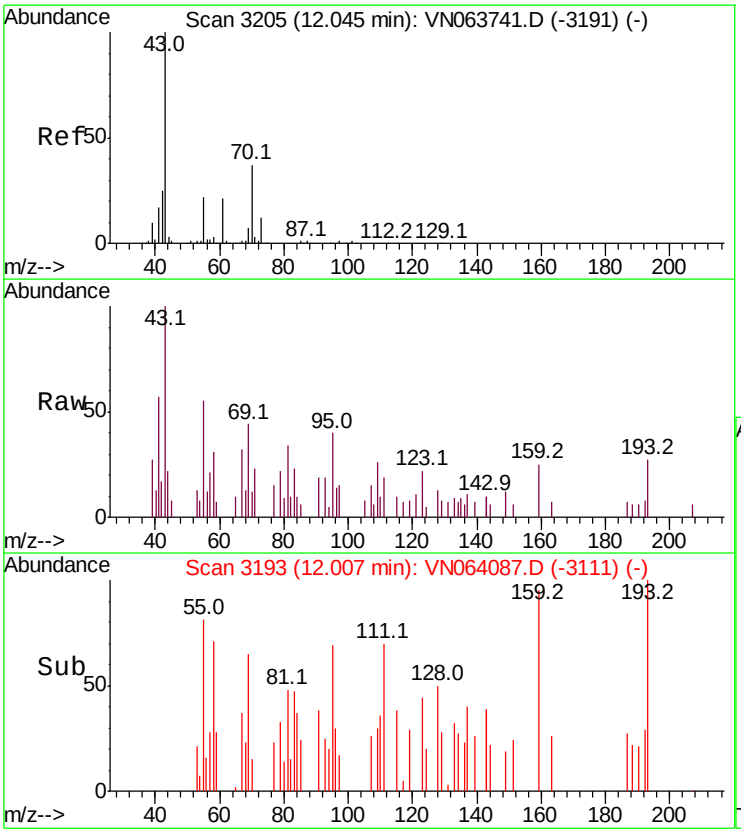
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion:152 Resp: 182509

Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.3	93.8
150	161.4	0.0	341.8

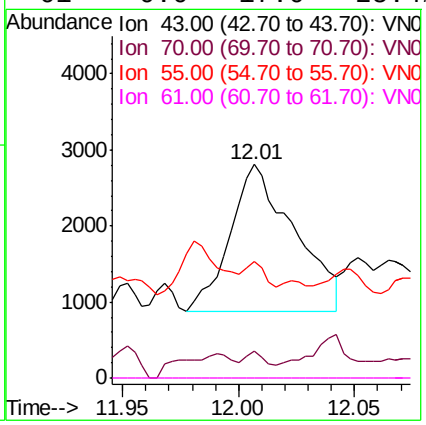


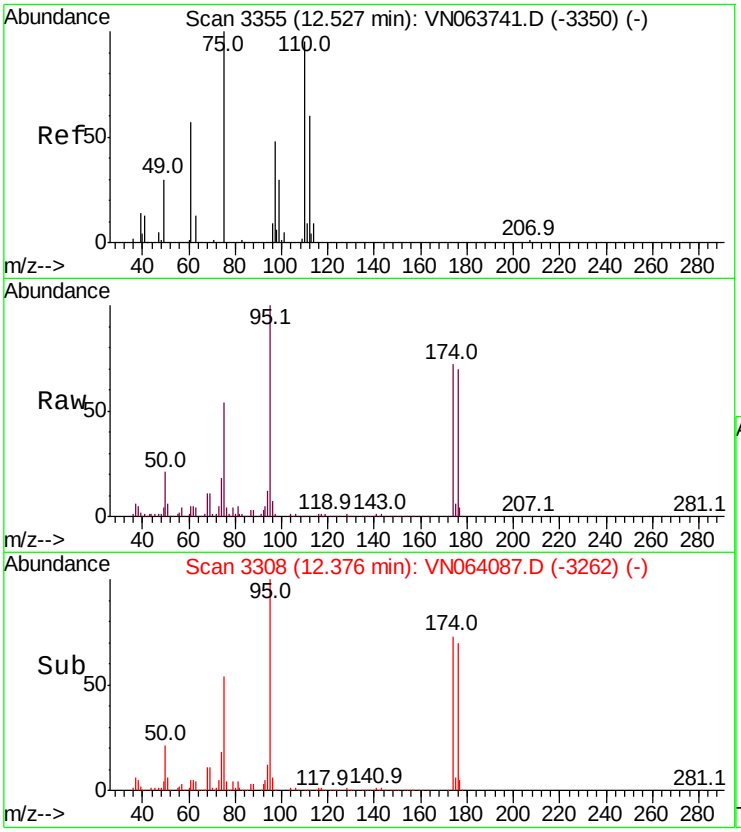


#74
N-amyl acetate
Concen: 2.793 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 43 Resp: 3733

Ion	Ratio	Lower	Upper
43	100		
70	2.6	29.8	44.8#
55	0.0	17.9	26.9#
61	0.0	17.0	25.4#



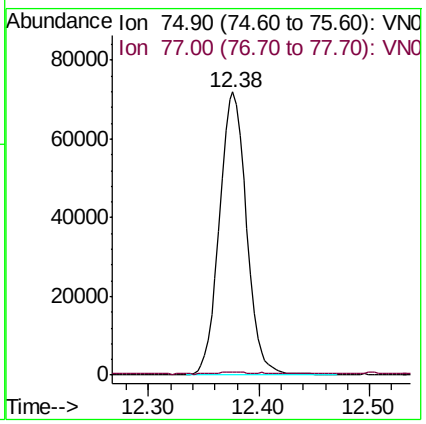


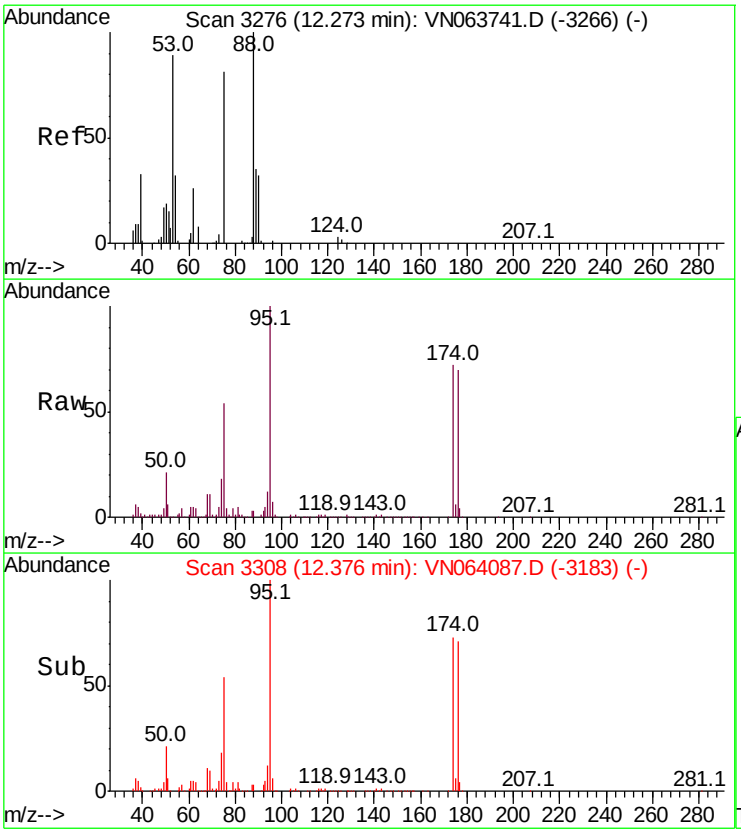
#76
1,2,3-Trichloropropane
Concen: 30.583 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion: 75 Resp: 123040

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#

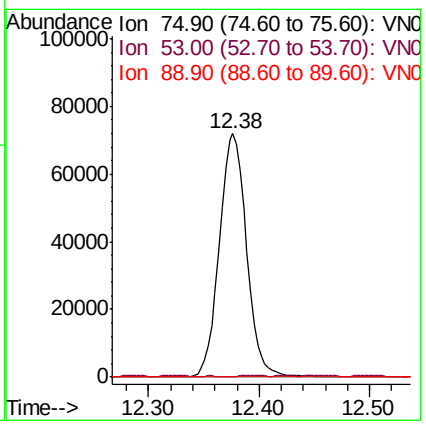


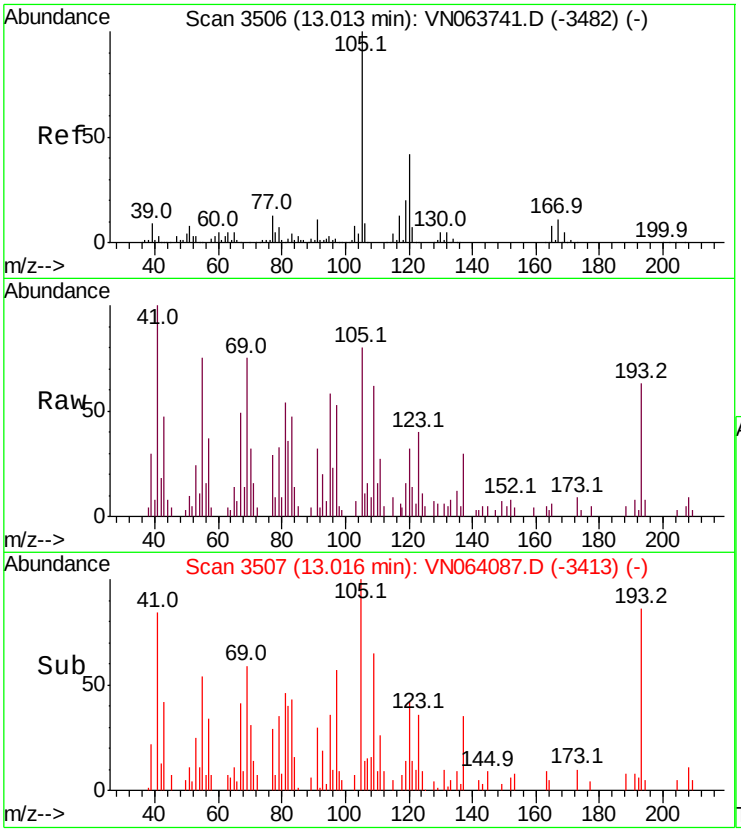


#81
trans-1,4-Dichloro-2-butene
Concen: 88.082 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion: 75 Resp: 123040

Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.2	132.2#
89	0.0	36.0	54.0#



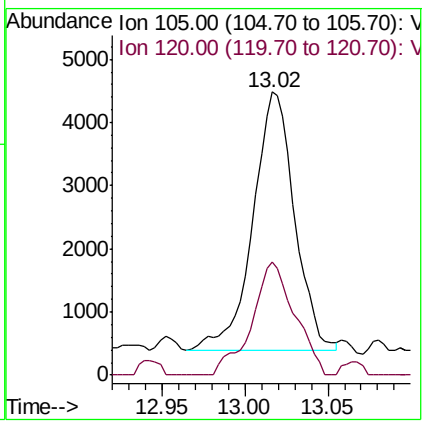


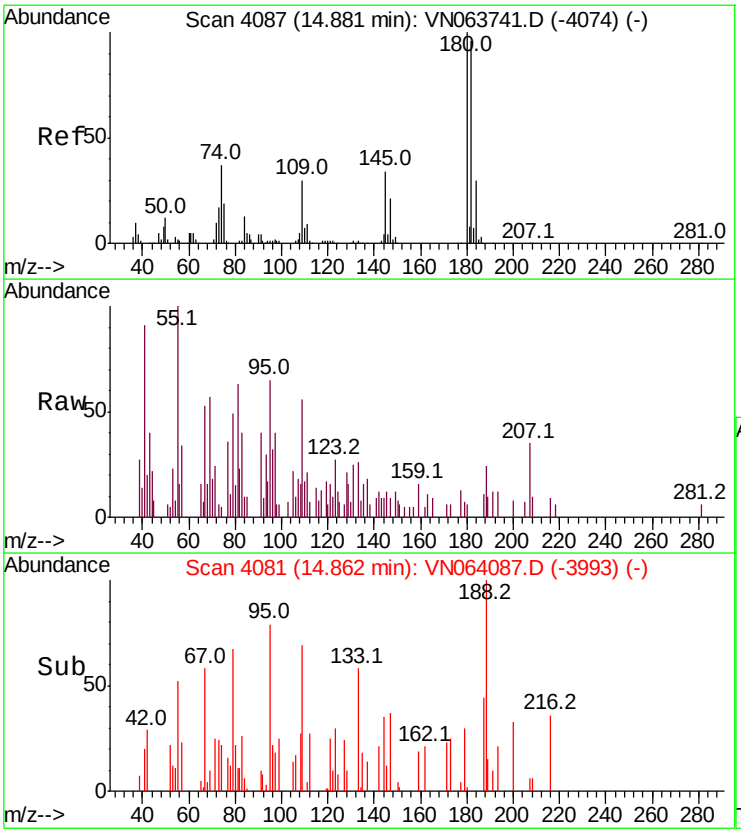
#84
1,2,4-Trimethylbenzene
Concen: 0.646 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion:105 Resp: 7207

Ion	Ratio	Lower	Upper
105	100		
120	44.6	20.9	62.7

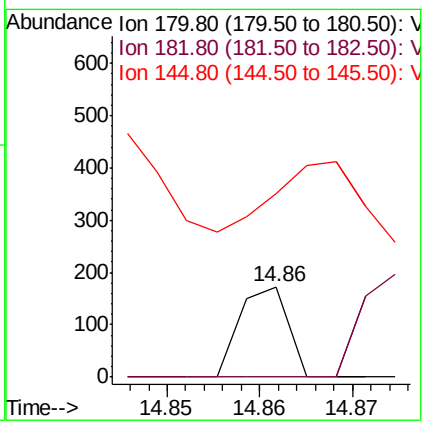


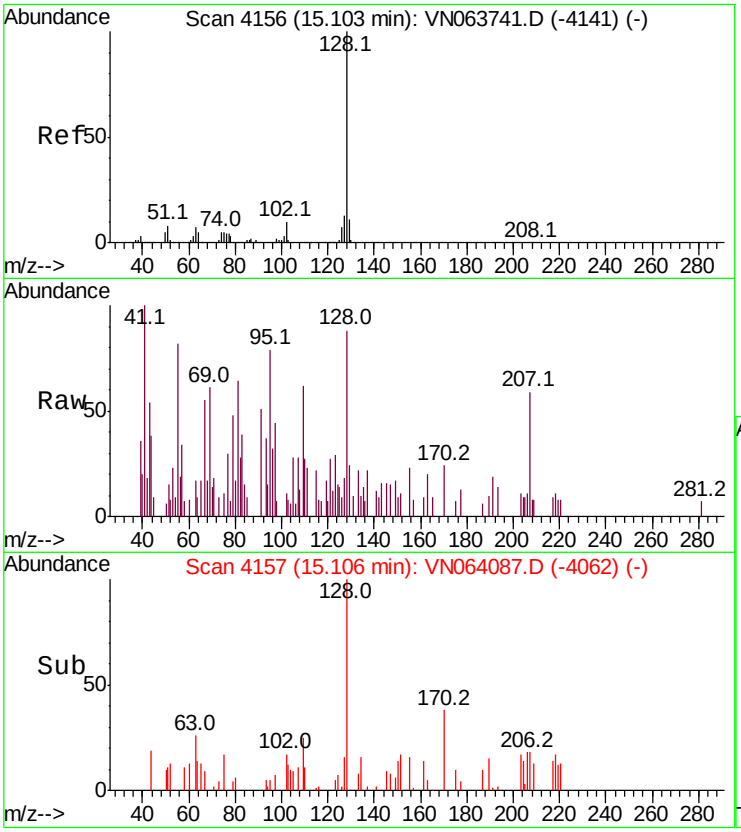


#93
1,2,4-Trichlorobenzene
Concen: 1.755 ug/l
RT: 14.86 min Scan# 4081
Delta R.T. -0.02 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion:180 Resp: 63

Ion	Ratio	Lower	Upper
180	100		
182	157.1	48.2	144.6#
145	155.6	17.1	51.2#



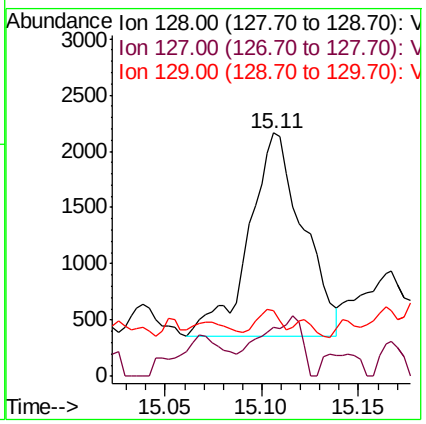


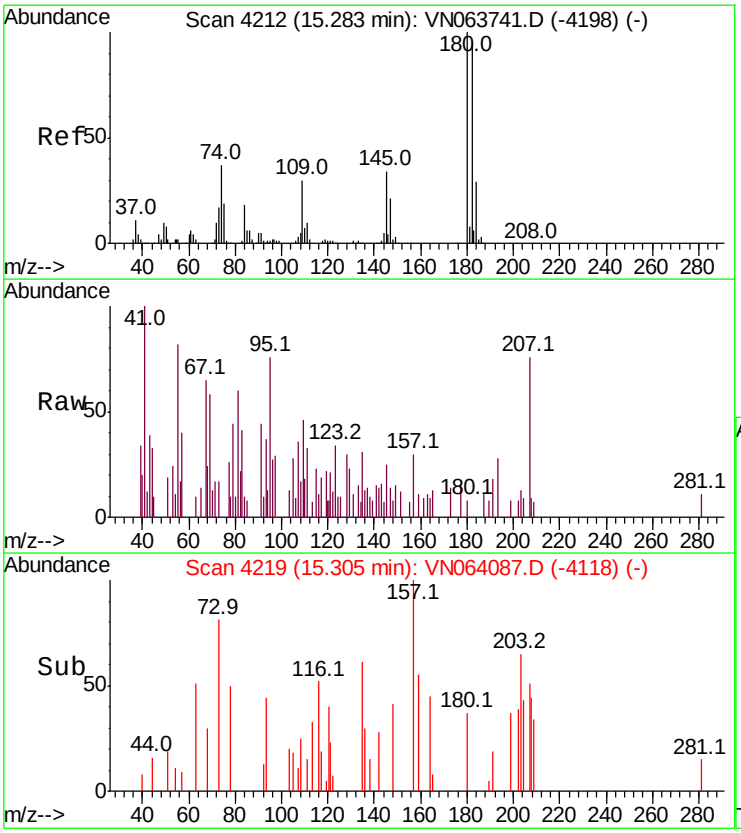
#95
Naphthalene
Concen: 2.265 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Instrument :
MSVOA_N
ClientSampleId :
SU-01-100920

Tgt Ion:128 Resp: 3489

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	5.6	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.597 ug/l
RT: 15.31 min Scan# 4219
Delta R.T. 0.02 min
Lab File: VN064087.D
Acq: 12 Oct 2020 19:02

Tgt Ion:180 Resp: 93

Ion	Ratio	Lower	Upper
180	100		
182	31.2	47.9	143.6#
145	273.1	17.2	51.5#