Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063797.D
Acq On : 2 Oct 2020 2:32
Operator : JC/MD
Sample : L3870-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Quant Time: Oct 02 04:25:23 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	7.63	168	209600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	396445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186549	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.74%			
35) Dibromofluoromethane	7.55	113	131178	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.38%			
50) Toluene-d8	10.06	98	509491	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.72%			
62) 4-Bromofluorobenzene	12.38	95	204627	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	115	0.301	ug/l #	71
16) Acetone	3.78	43	22895	21.479	ug/l	99
17) Carbon Disulfide	4.01	76	390	0.768	ug/l #	76
18) Methyl Acetate	4.28	43	5085	1.837	ug/l #	65
20) Methylene Chloride	4.51	84	9897	4.144	ug/l	95
25) 2-Butanone	6.80	43	2327	1.540	ug/l	99
29) Tetrahydrofuran	7.16	42	213	0.210	ug/l #	36
31) Cyclohexane	7.62	56	6331	1.575	ug/l #	38
36) 1,1-Dichloropropene	7.62	75	19835	4.939	ug/l #	50
38) Carbon Tetrachloride	7.63	117	24029	5.335	ug/l #	14
43) Isopropyl Acetate	8.13	43	72395	10.999	ug/l	99
45) 1,2-Dichloropropane	9.23	63	1474	0.476	ug/l #	44
48) Methyl methacrylate	9.15	41	4735	1.456	ug/l #	12
49) 1,4-Dioxane	9.16	88	34	0.736	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	7489	1.939	ug/l	96
54) cis-1,3-Dichloropropene	9.87	75	27347	5.538	ug/l #	68
56) Ethyl methacrylate	10.51	69	1718	0.426	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	4910	1.020	ug/l #	43
59) 2-Hexanone	10.74	43	80424	28.029	ug/l #	54
71) Bromoform	12.38	173	1052	0.422	ug/l #	1
74) N-amyl acetate	12.02	43	2127	2.573	ug/l #	50
76) 1,2,3-Trichloropropane	12.38	75	115432	31.182	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	115432	89.808	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.02	105	2688	0.262	ug/l	97
90) Hexachloroethane	13.97	117	1192	0.630	ug/l #	14
95) Naphthalene	15.11	128	1148	2.046	ug/l #	72

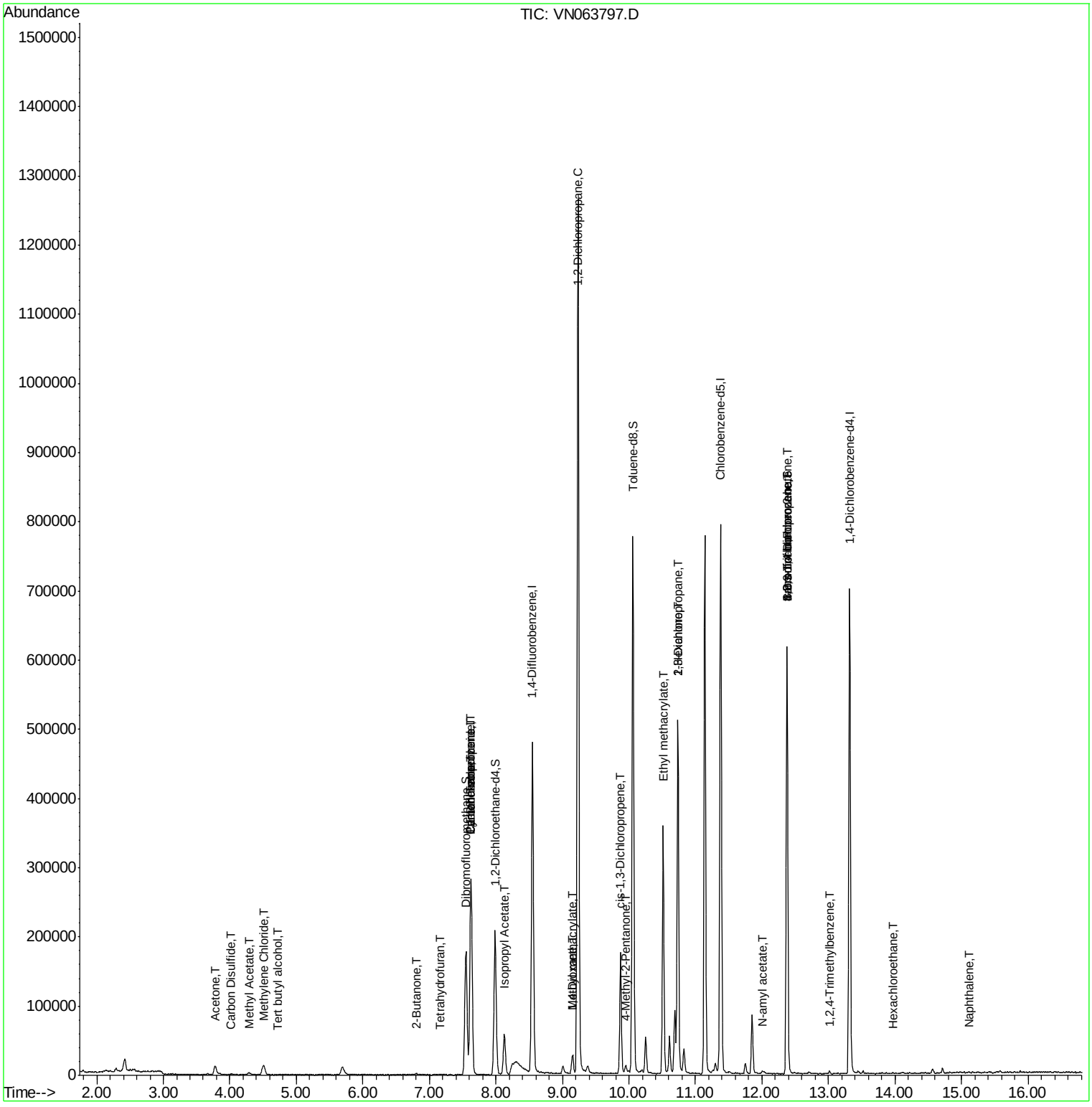
(#) = qualifier out of range (m) = manual integration (+) = signals summed

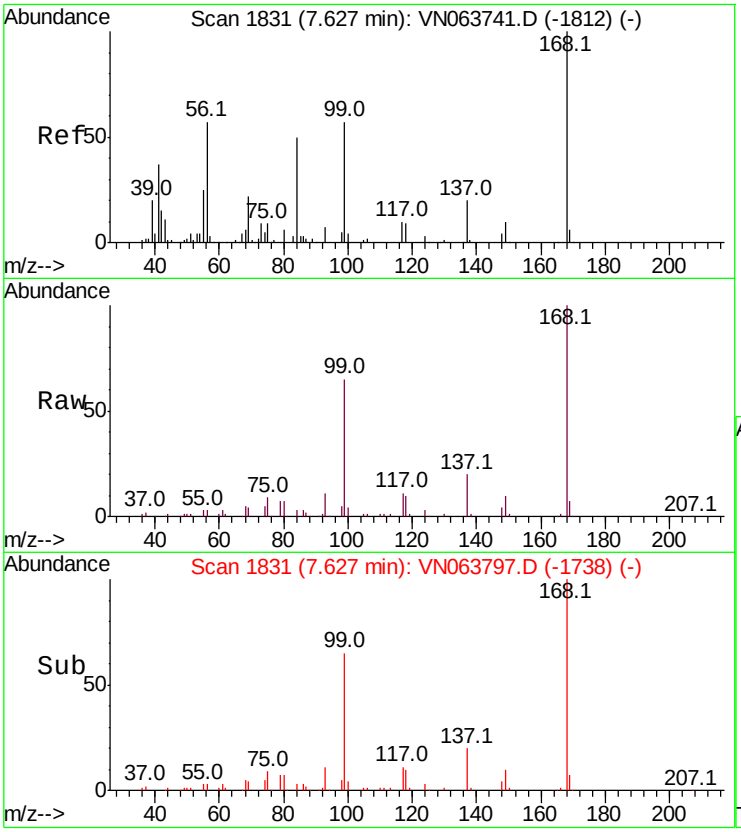
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063797.D
Acq On : 2 Oct 2020 2:32
Operator : JC/MD
Sample : L3870-20
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Quant Time: Oct 02 04:25:23 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



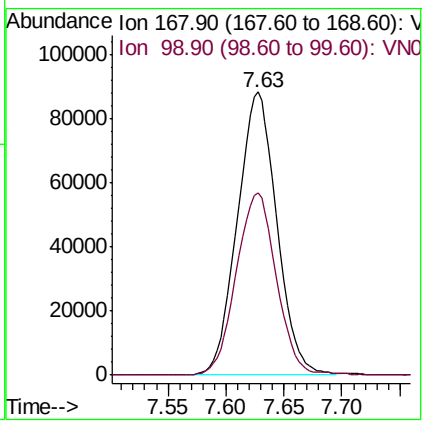


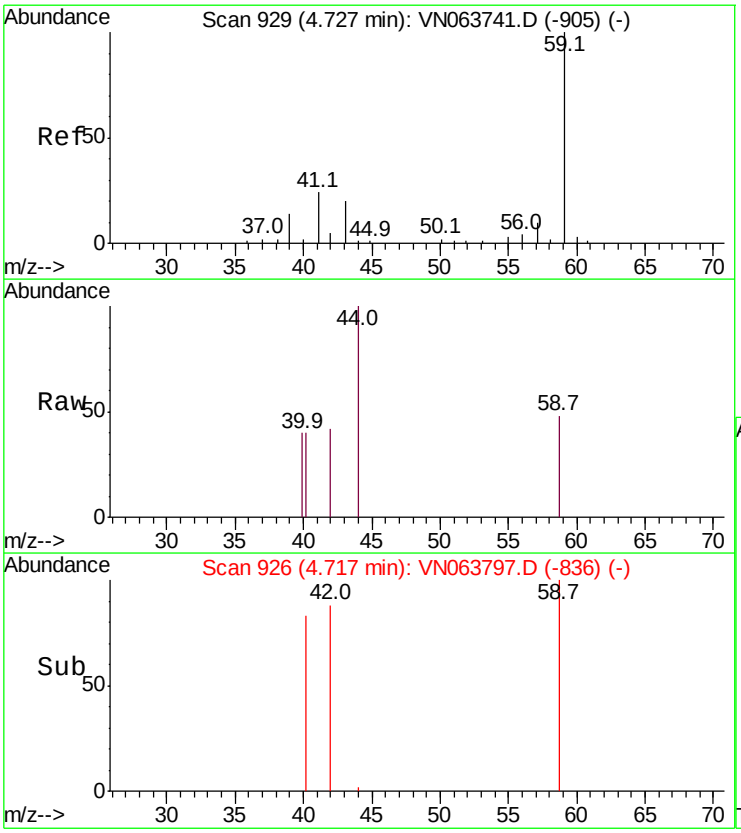
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Tgt Ion:168 Resp: 209600

Ion	Ratio	Lower	Upper
168	100		
99	64.5	51.8	77.6

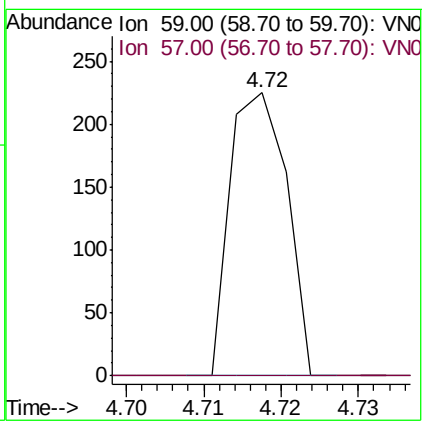


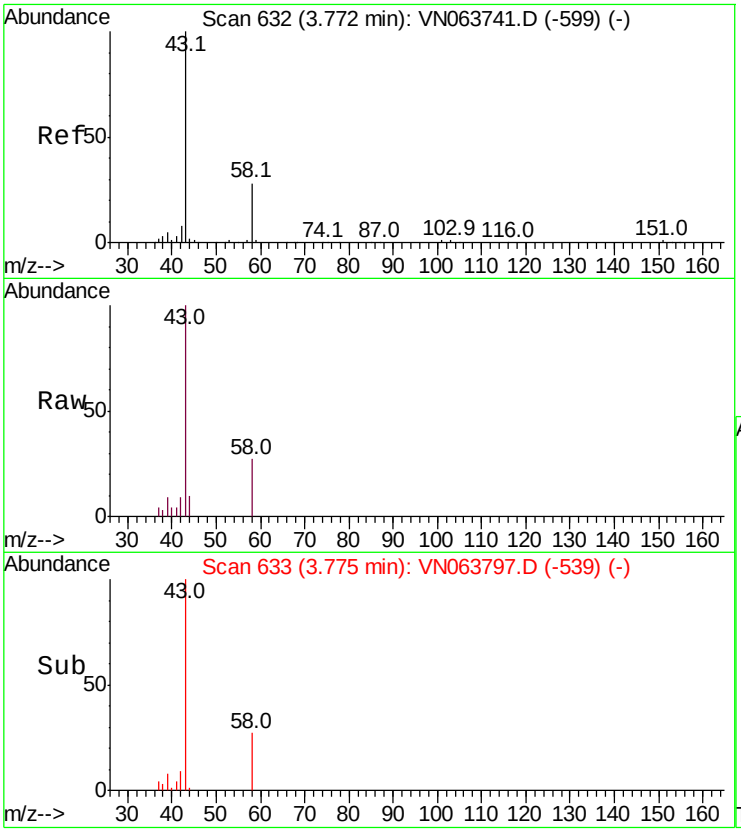


#11
Tert butyl alcohol
Concen: 0.301 ug/l
RT: 4.72 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 59 Resp: 115

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



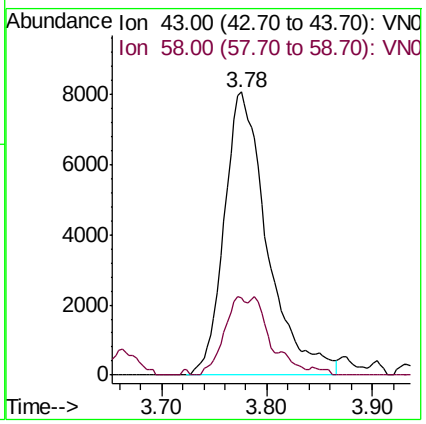


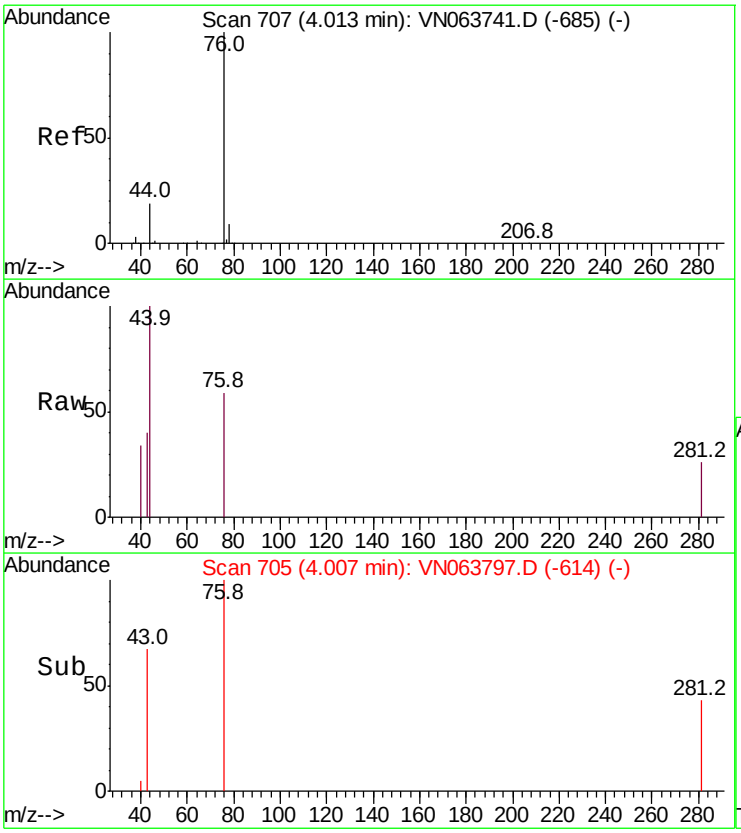
#16
Acetone
Concen: 21.479 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 43 Resp: 22895

Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.3	33.5

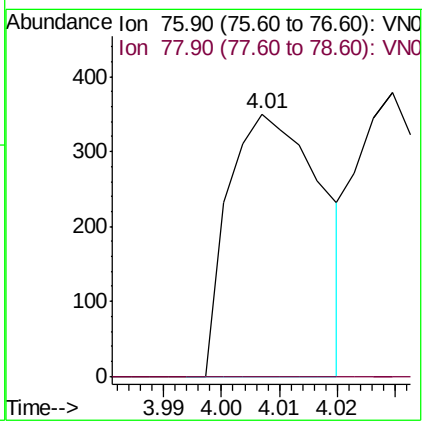


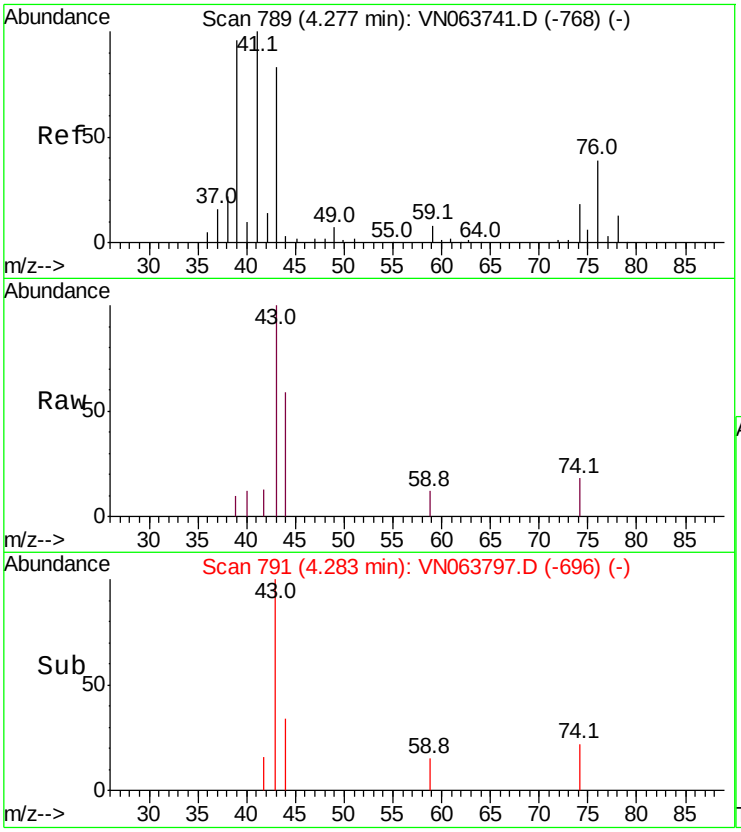


#17
Carbon Disulfide
Concen: 0.768 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 76 Resp: 390

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



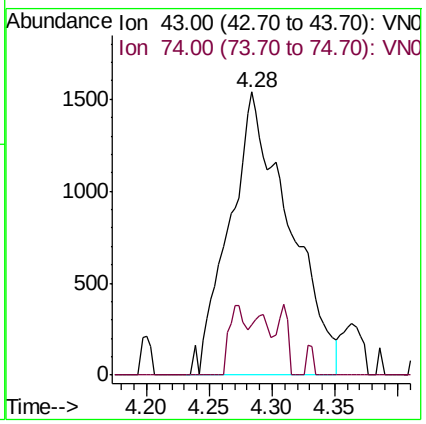


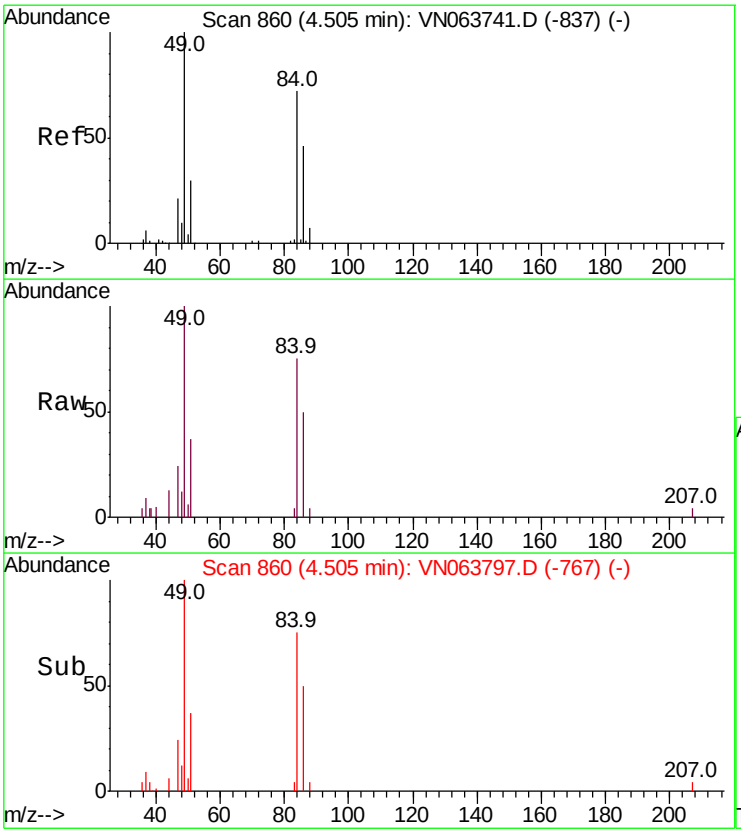
#18
Methyl Acetate
Concen: 1.837 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Tgt Ion: 43 Resp: 5085

Ion	Ratio	Lower	Upper
43	100		
74	5.4	17.4	26.2#

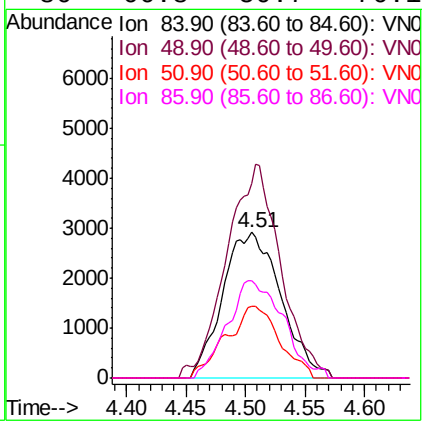


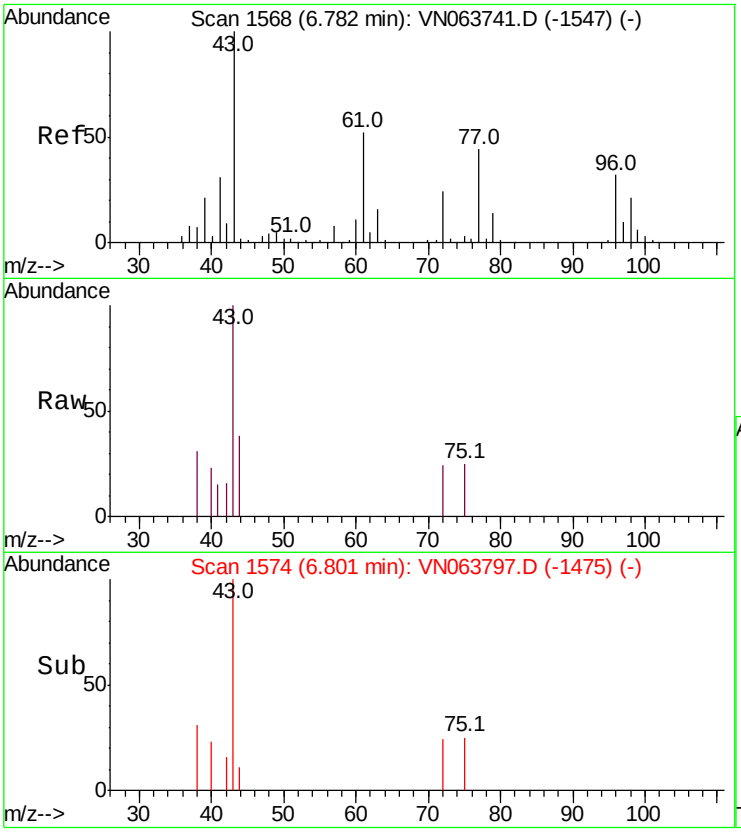


#20
Methylene Chloride
Concen: 4.144 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 84 Resp: 9897

Ion	Ratio	Lower	Upper
84	100		
49	133.9	110.4	165.6
51	49.5	33.3	49.9
86	66.8	50.7	76.1



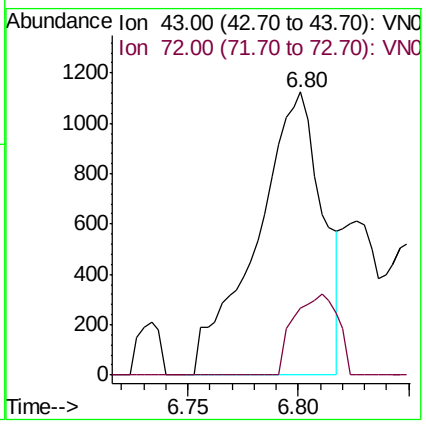


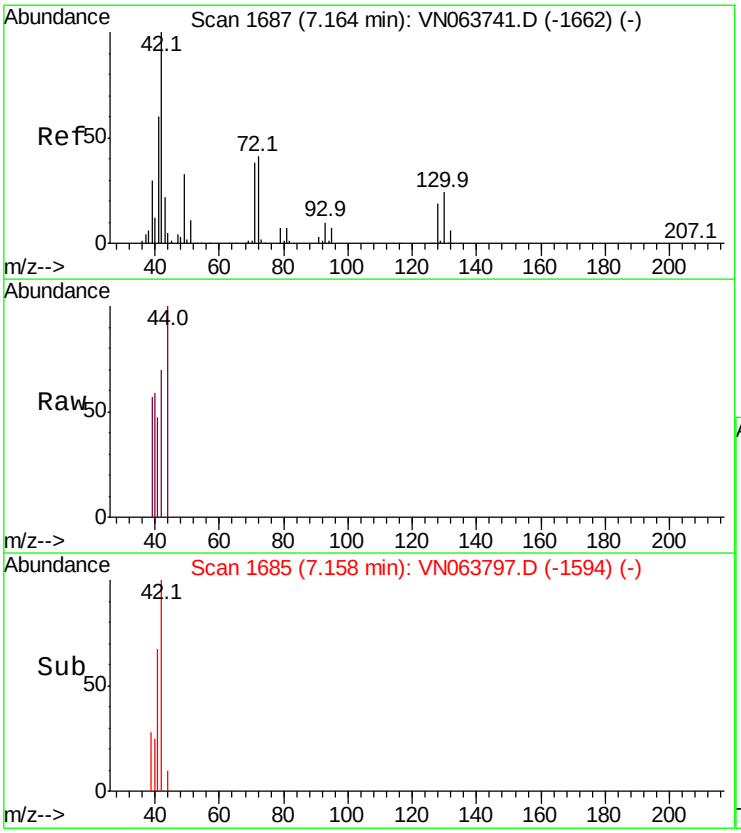
#25
2-Butanone
Concen: 1.540 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 43 Resp: 2327

Ion	Ratio	Lower	Upper
43	100		
72	23.8	19.3	28.9

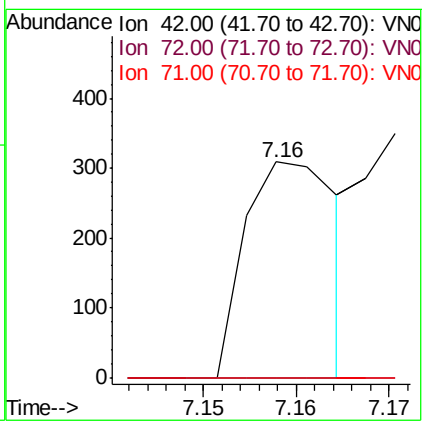


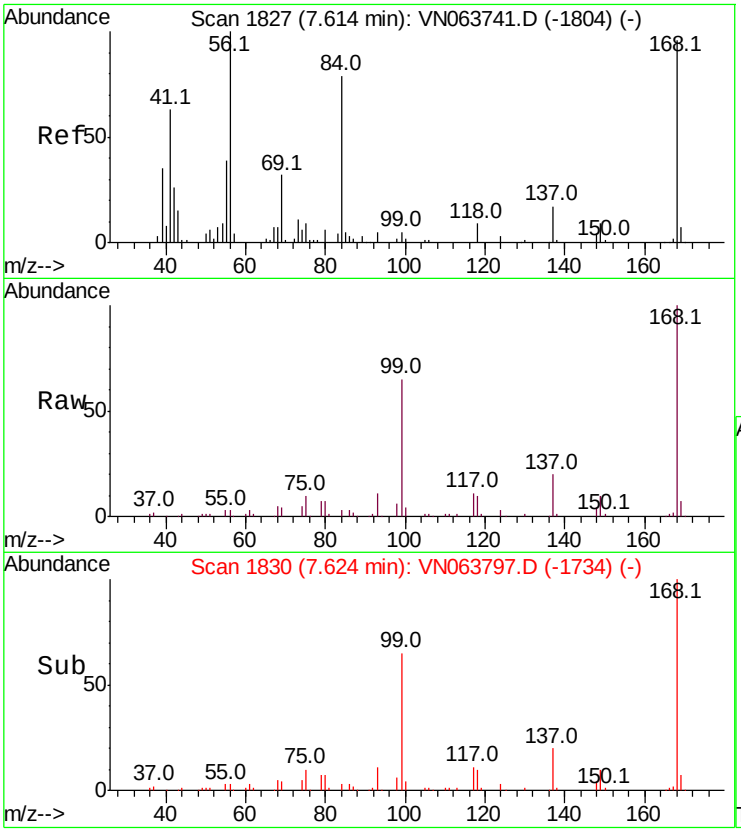


#29
Tetrahydrofuran
Concen: 0.210 ug/l
RT: 7.16 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 42 Resp: 213

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	0.0	30.6	45.8#



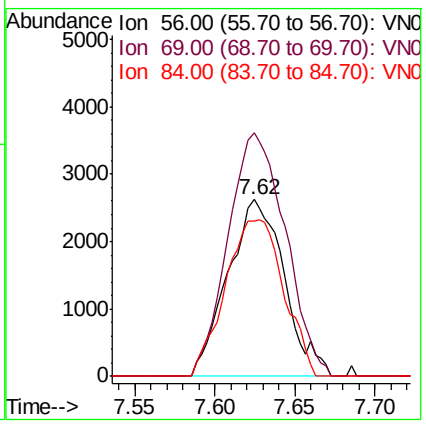


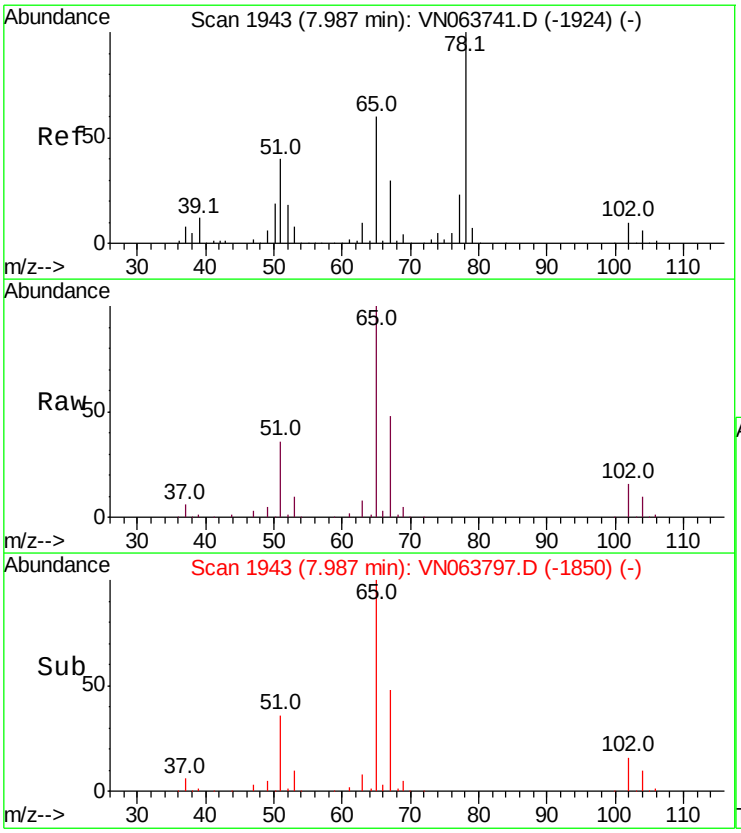
#31
Cyclohexane
Concen: 1.575 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 56 Resp: 6331

Ion	Ratio	Lower	Upper
56	100		
69	137.6	25.4	38.2#
84	87.8	63.3	94.9

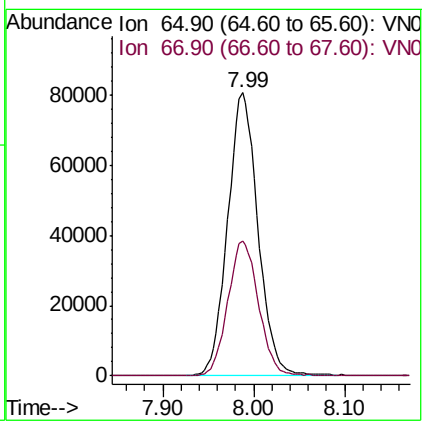


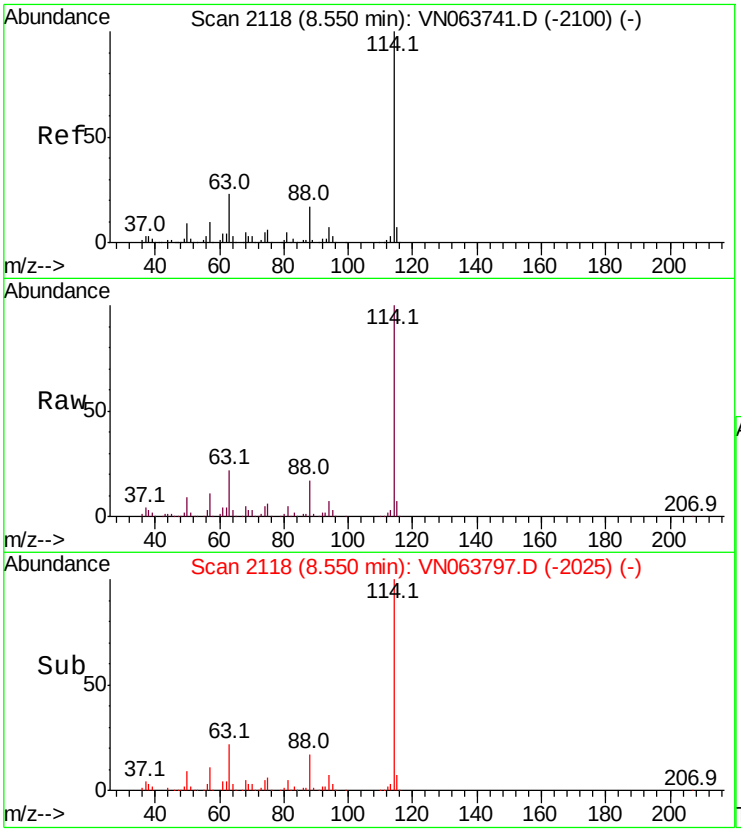


#33
1,2-Dichloroethane-d4
Concen: 53.873 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 65 Resp: 186549

Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	99.6



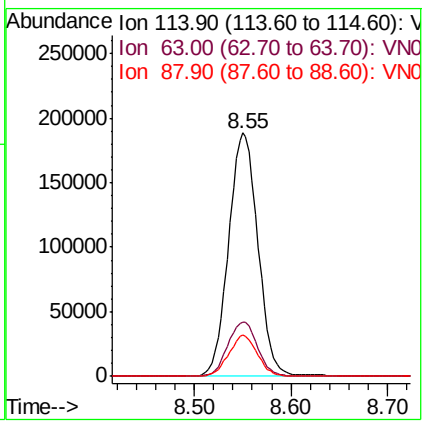


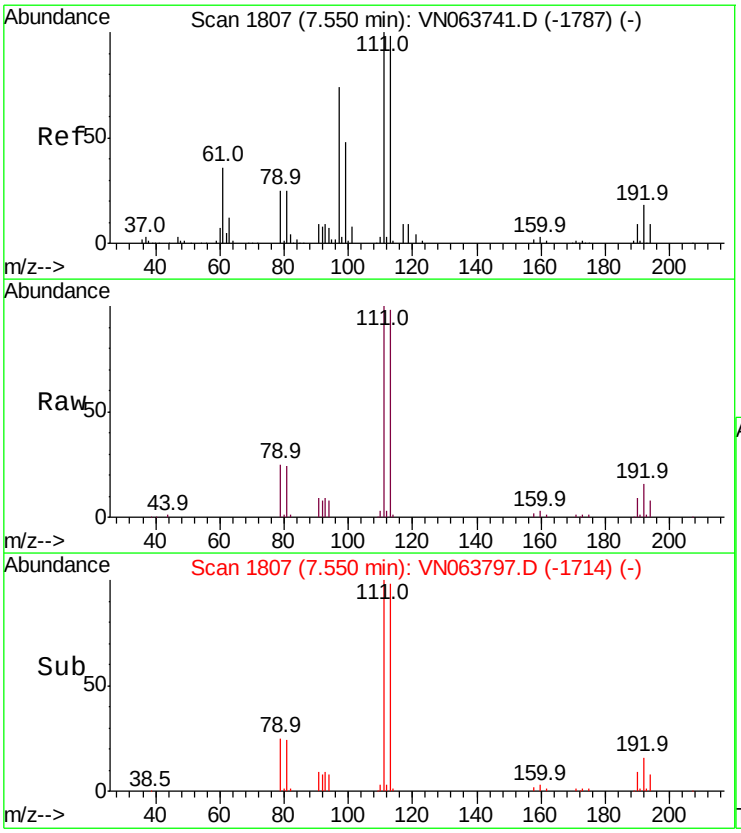
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion:114 Resp: 396445

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	17.1	0.0	34.0

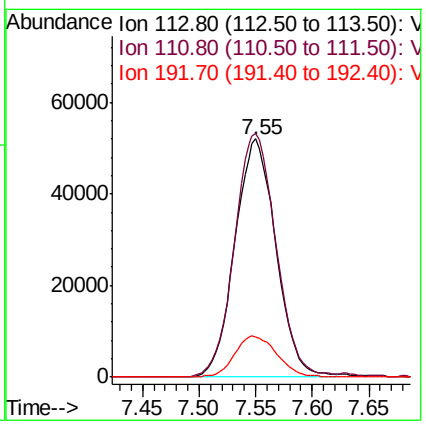


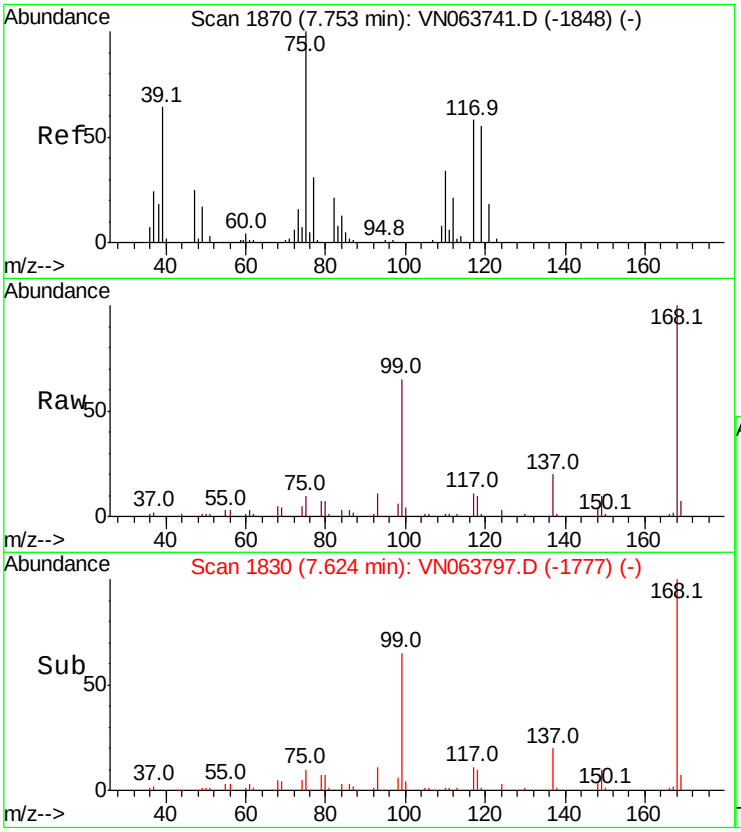


#35
Dibromofluoromethane
Concen: 47.687 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion:113 Resp: 131178

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	17.8	14.2	21.2



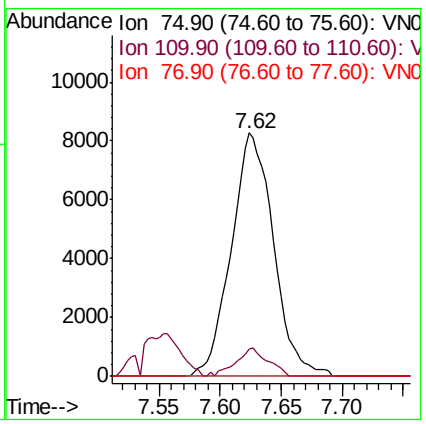


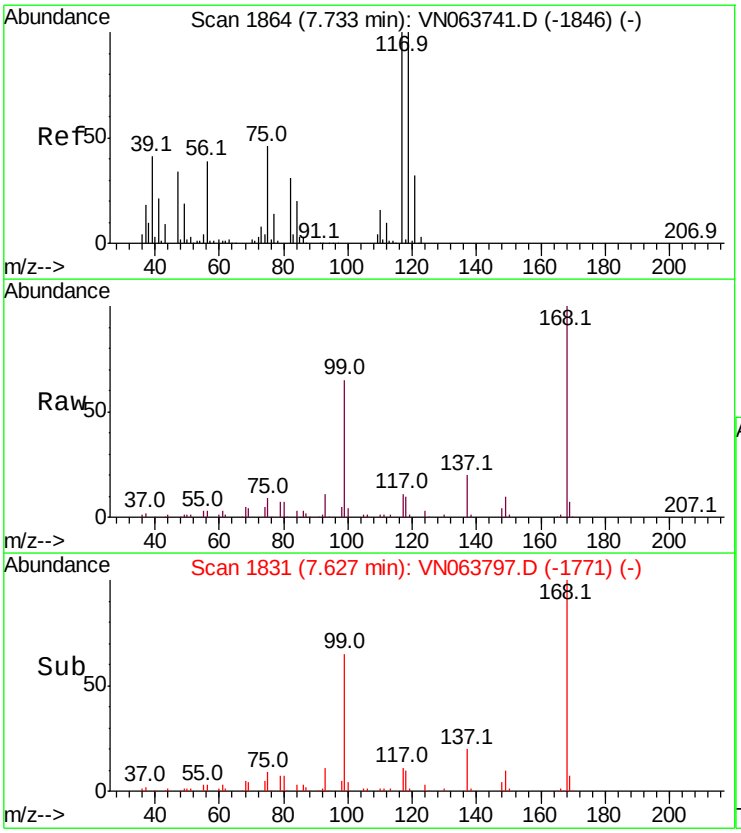
#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 75 Resp: 19835

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.9	50.6#
77	0.0	24.5	36.7#

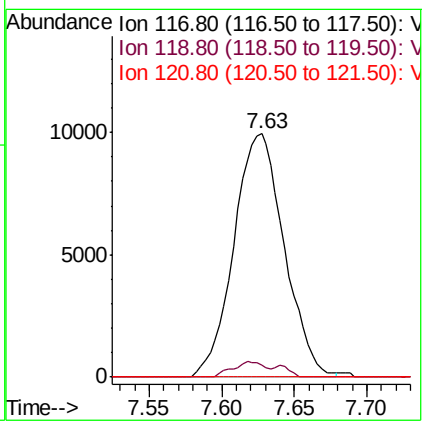


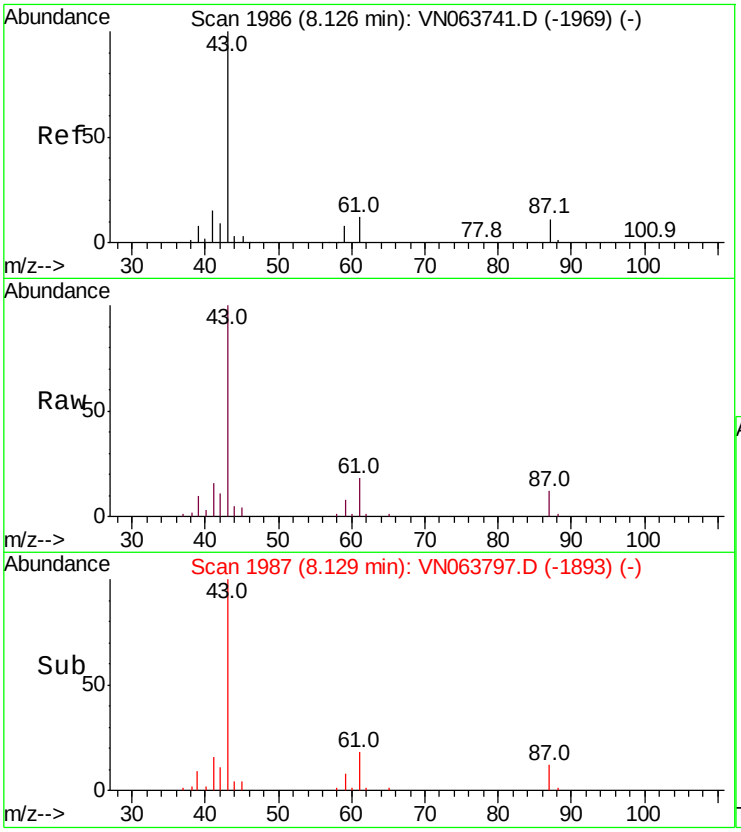


#38
Carbon Tetrachloride
Concen: 5.335 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion:117 Resp: 24029

Ion	Ratio	Lower	Upper
117	100		
119	5.0	80.1	120.1#
121	0.0	25.7	38.5#



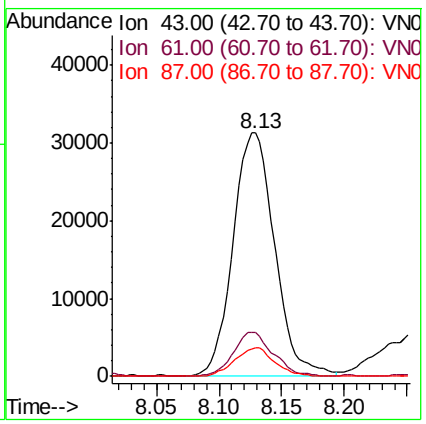


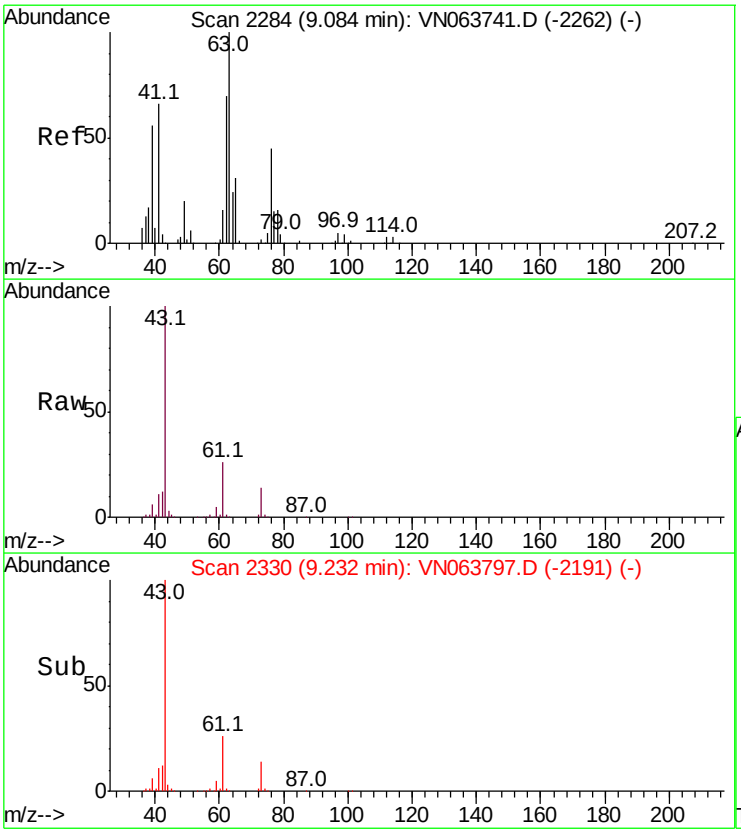
#43
Isopropyl Acetate
Concen: 10.999 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Tgt Ion: 43 Resp: 72395

Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.2	21.4
87	11.1	9.0	13.6

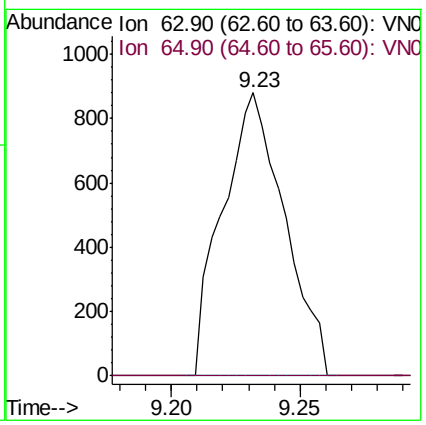


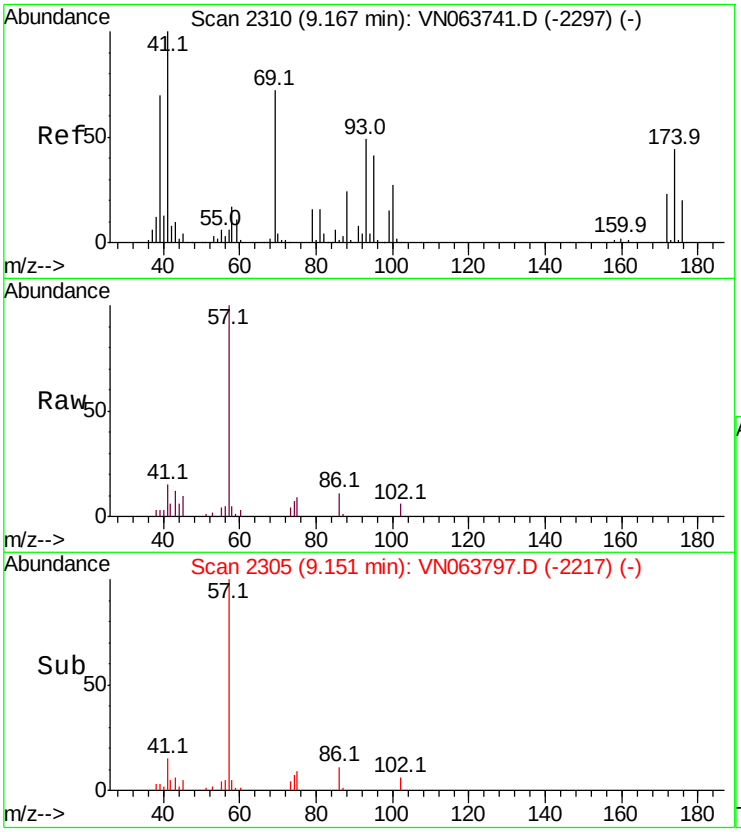


#45
1,2-Dichloropropane
Concen: 0.476 ug/l
RT: 9.23 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 63 Resp: 1474

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



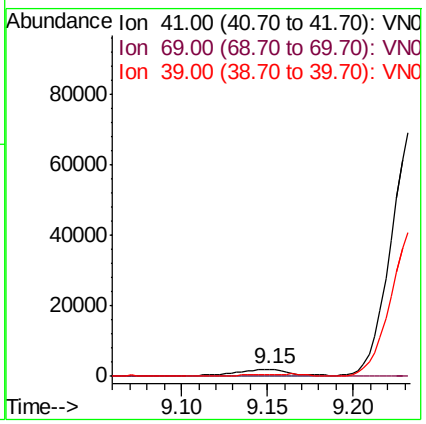


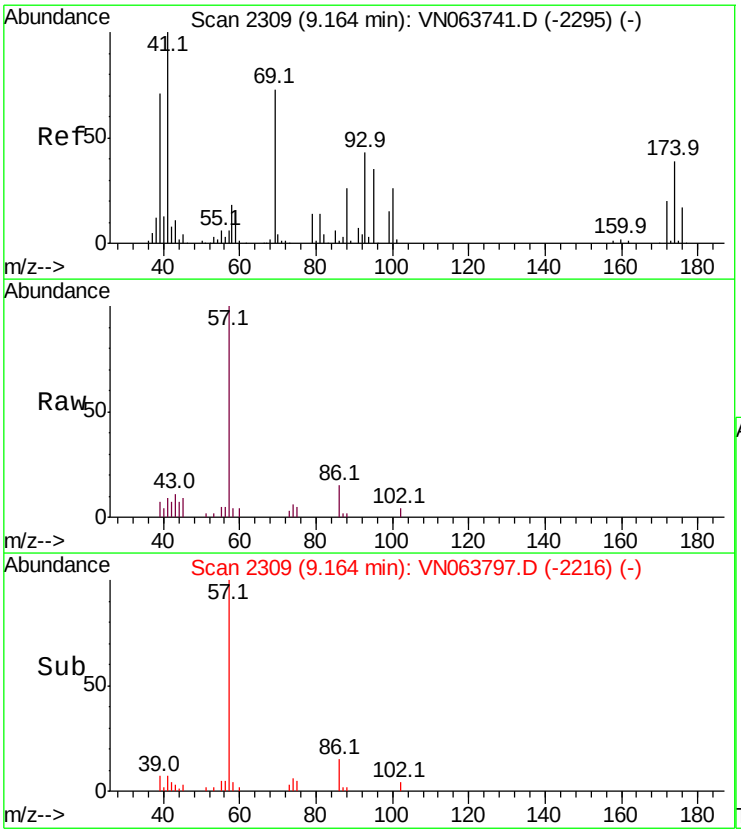
#48
Methyl methacrylate
Concen: 1.456 ug/l
RT: 9.15 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Tgt Ion: 41 Resp: 4735

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

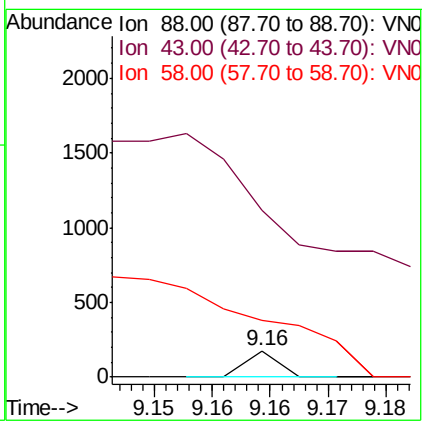


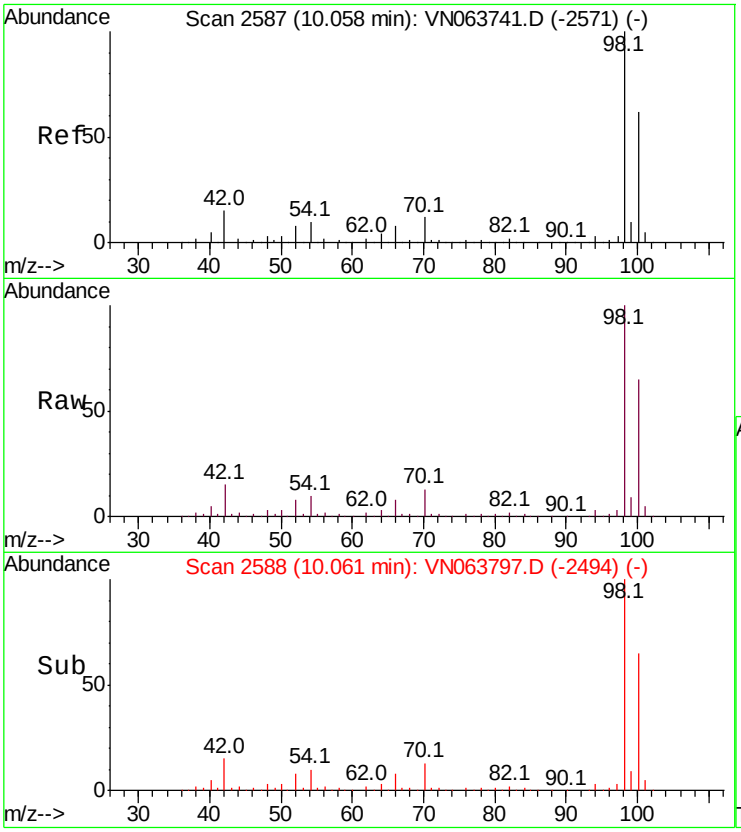


#49
1,4-Dioxane
Concen: 0.736 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 88 Resp: 34

Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.1	49.7#
58	3079.4	58.9	88.3#



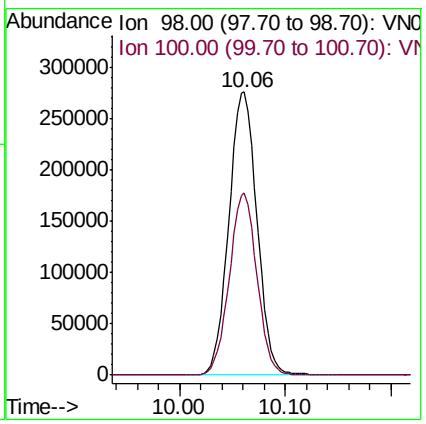


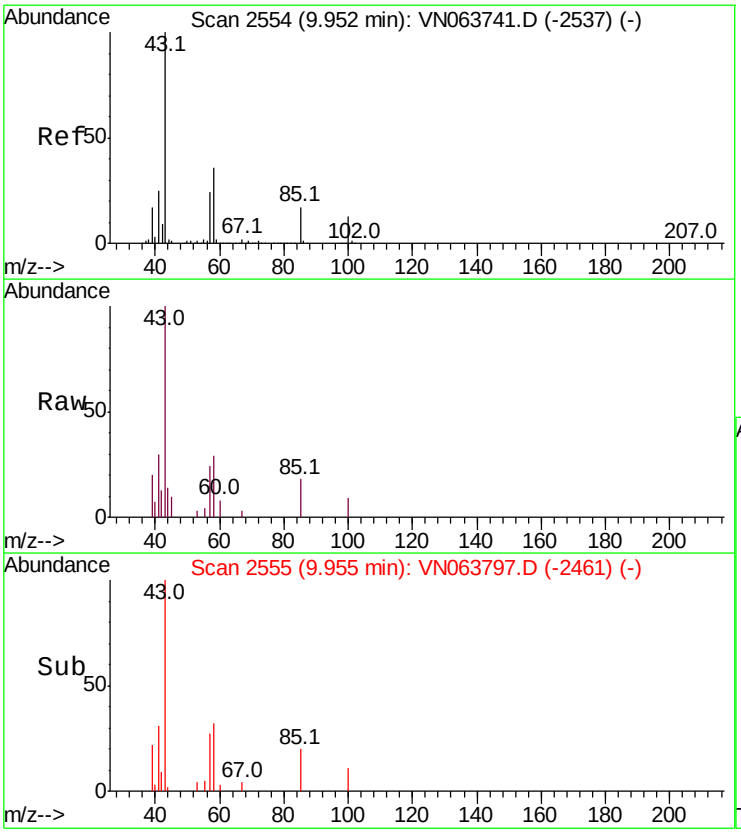
#50
Toluene-d8
Concen: 48.857 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Tgt Ion: 98 Resp: 509491

Ion	Ratio	Lower	Upper
98	100		
100	63.1	49.8	74.6

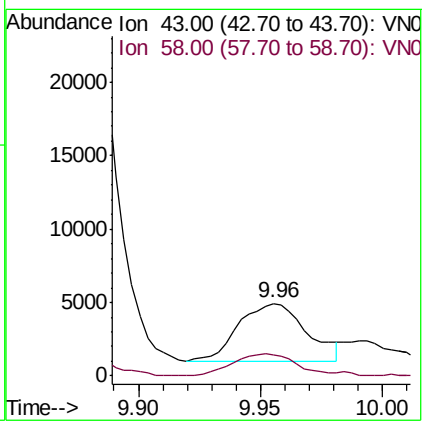


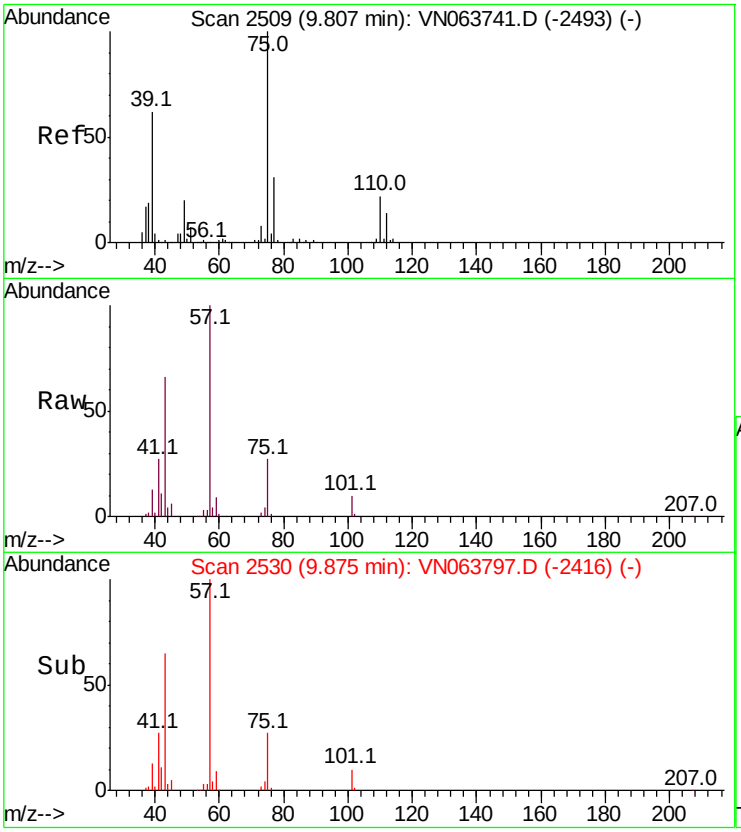


#51
4-Methyl-2-Pentanone
Concen: 1.939 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 43 Resp: 7489

Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.4	42.6



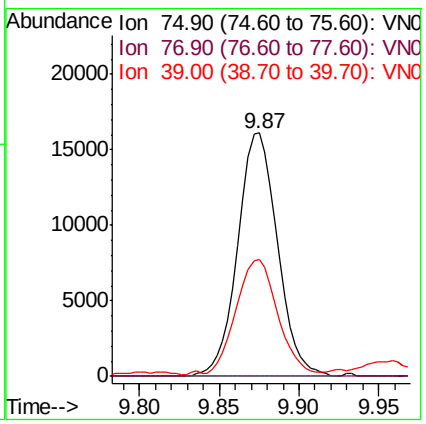


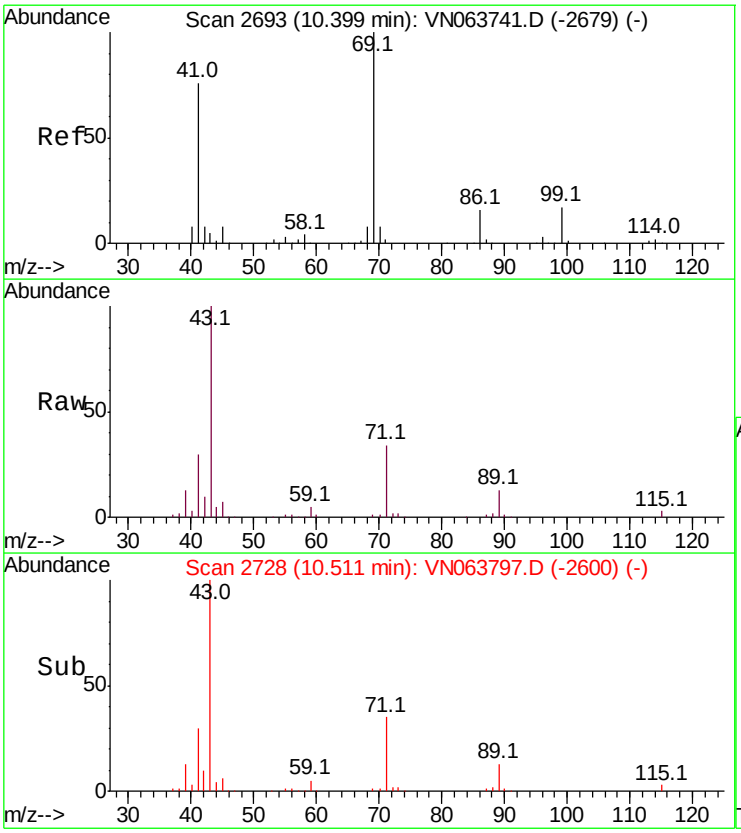
#54
cis-1,3-Dichloropropene
Concen: 5.538 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument : MSVOA_N
ClientSampleId : SU-03-093020

Tgt Ion: 75 Resp: 27347

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	46.8	49.7	74.5#

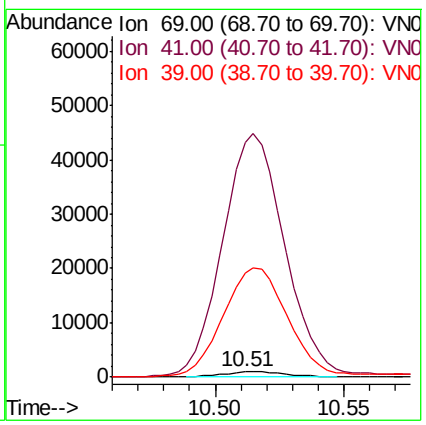


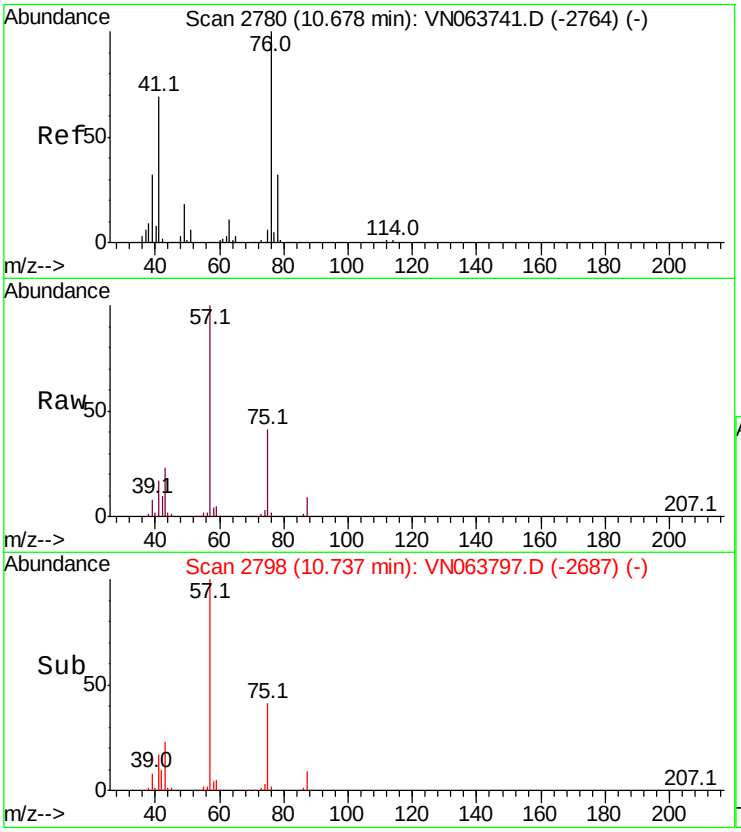


#56
Ethyl methacrylate
Concen: 0.426 ug/l
RT: 10.51 min Scan# 2728
Delta R.T. 0.11 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 69 Resp: 1718

Ion	Ratio	Lower	Upper
69	100		
41	4460.2	61.1	91.7#
39	2057.0	42.2	63.4#



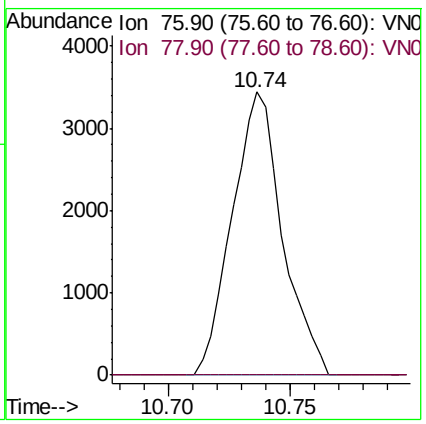


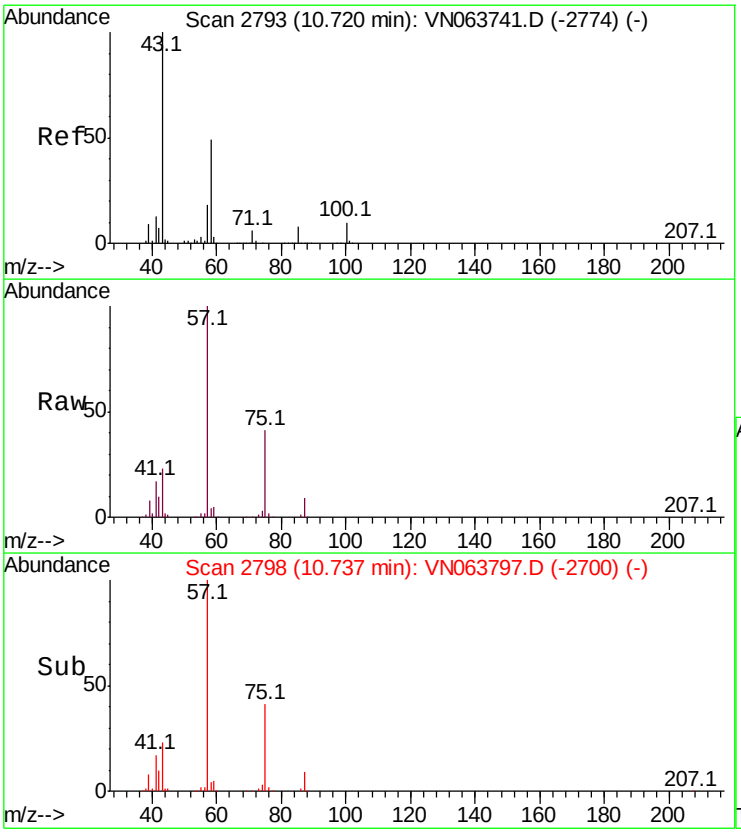
#57
1,3-Dichloropropane
Concen: 1.020 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 76 Resp: 4910

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#

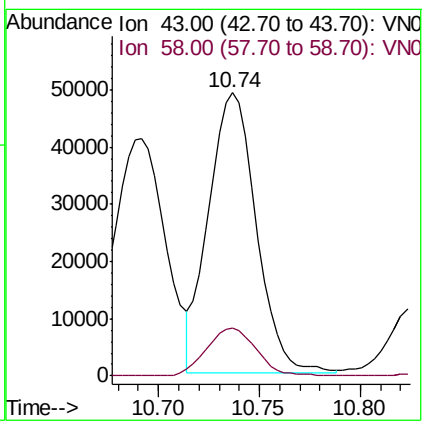


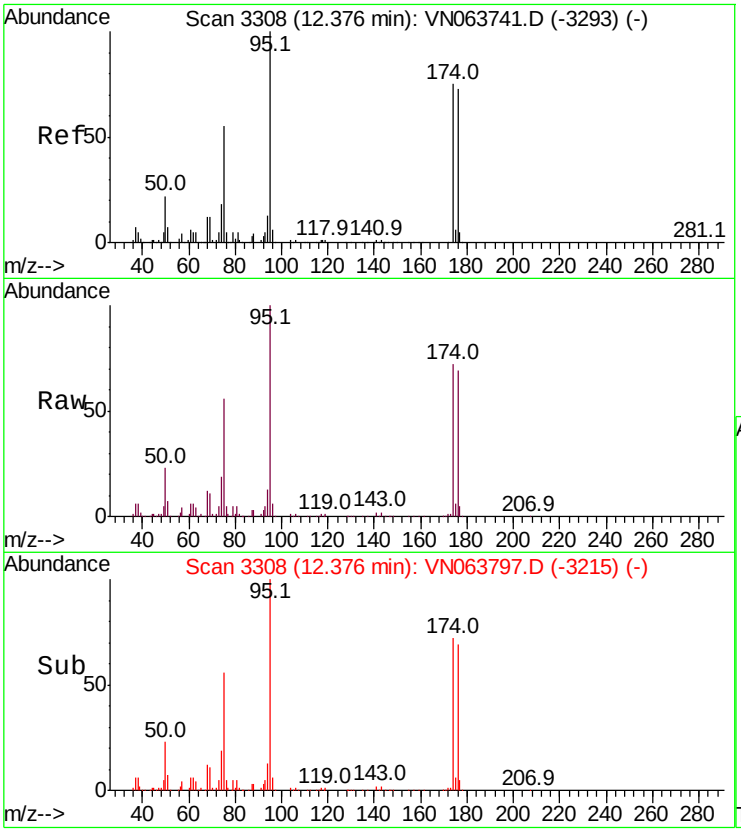


#59
2-Hexanone
Concen: 28.029 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 43 Resp: 80424

Ion	Ratio	Lower	Upper
43	100		
58	17.9	24.6	73.8#



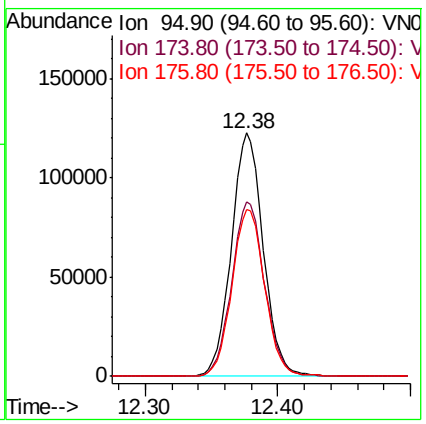


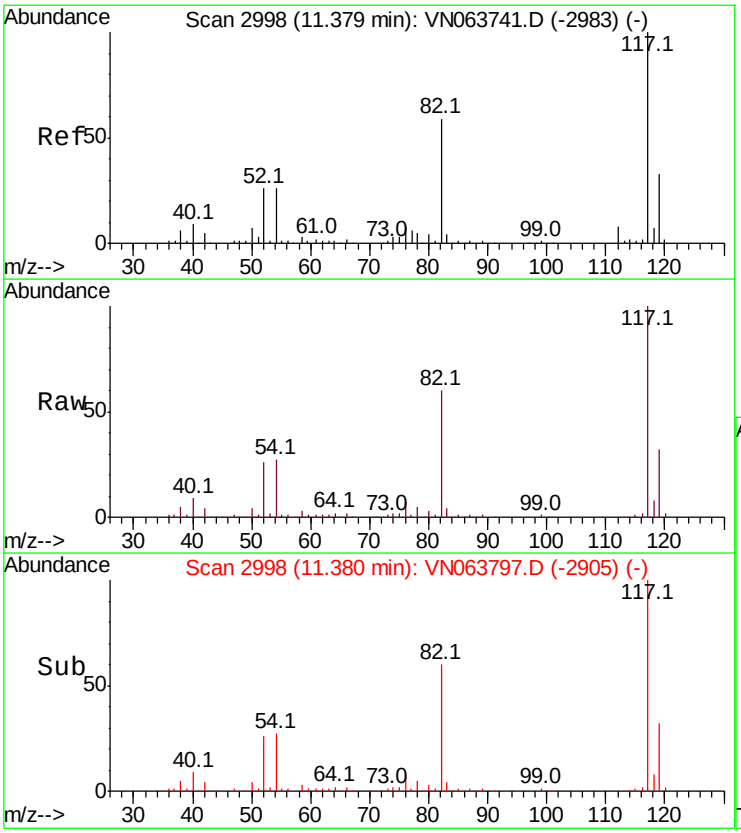
#62
4-Bromofluorobenzene
Concen: 52.200 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 95 Resp: 204627

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	150.6
176	70.5	0.0	145.4

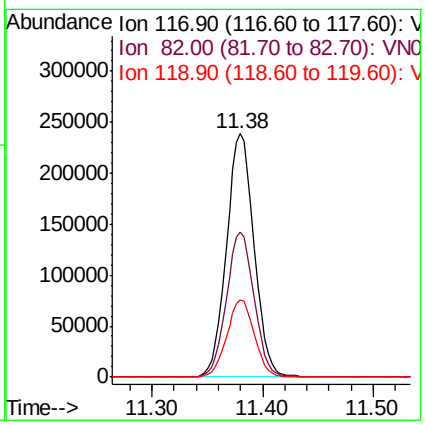


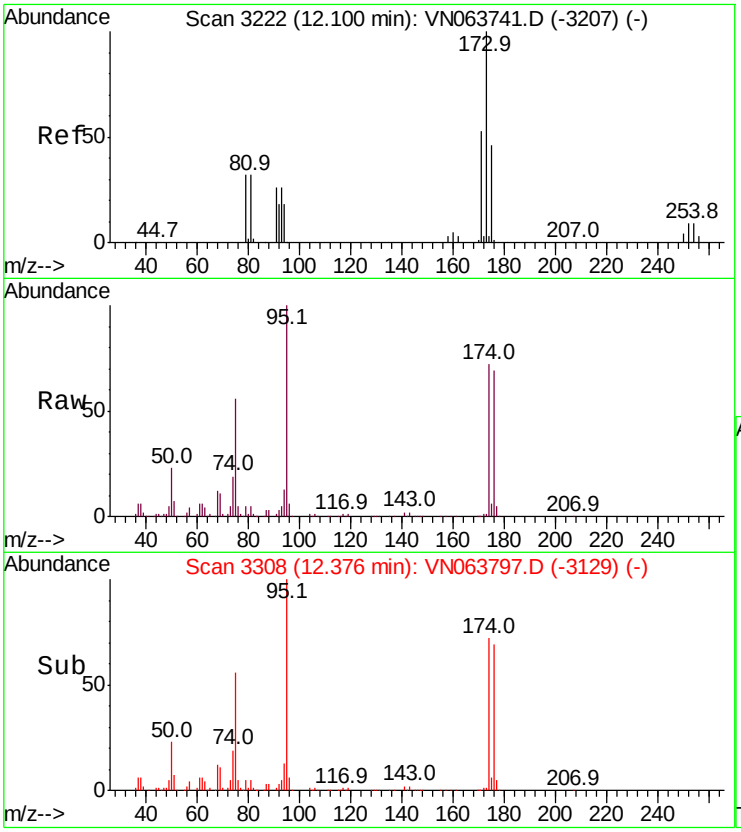


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion:117 Resp: 414077

Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.4	71.2
119	31.7	26.4	39.6



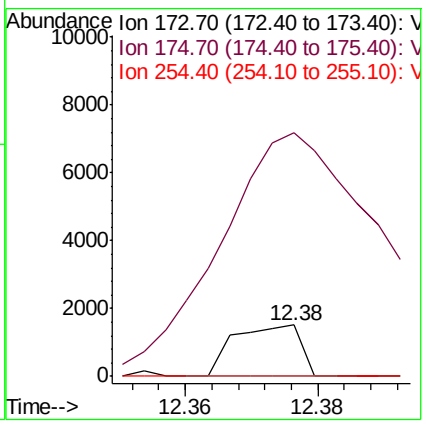


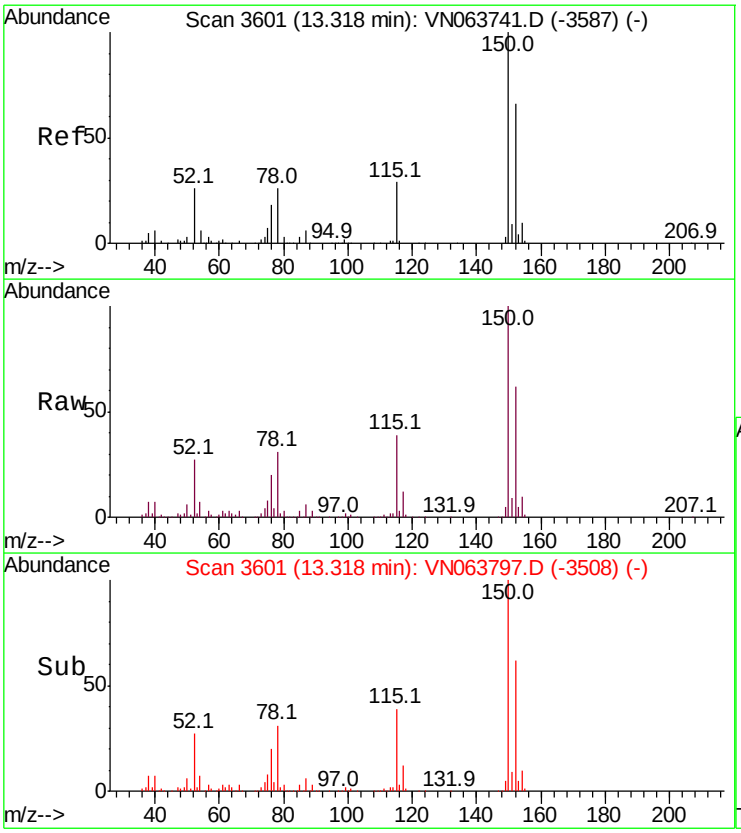
#71
Bromoform
Concen: 0.422 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion:173 Resp: 1052

Ion	Ratio	Lower	Upper
173	100		
175	915.7	23.5	70.5#
254	0.0	0.0	0.0

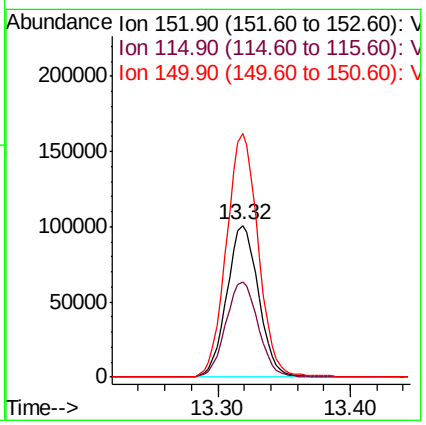


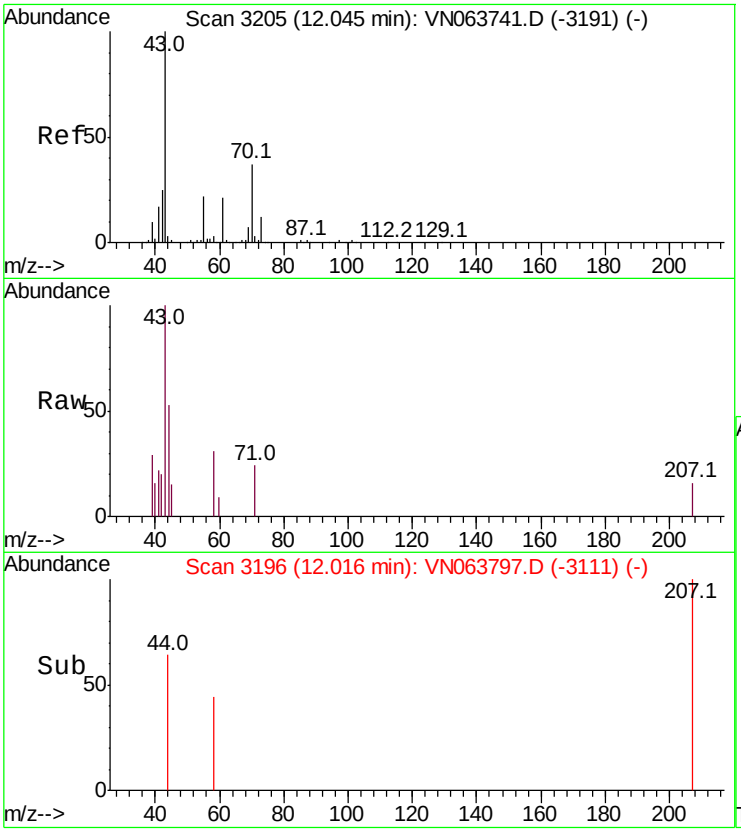


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion:152 Resp: 167934

Ion	Ratio	Lower	Upper
152	100		
115	64.4	31.3	93.8
150	161.3	0.0	341.8



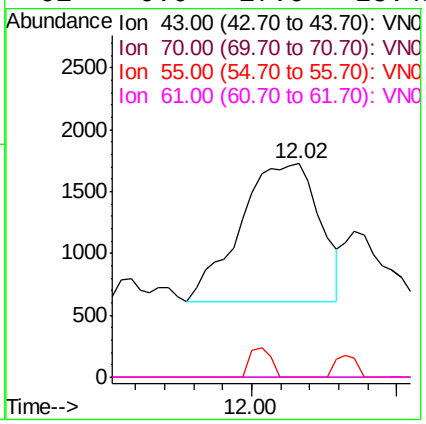


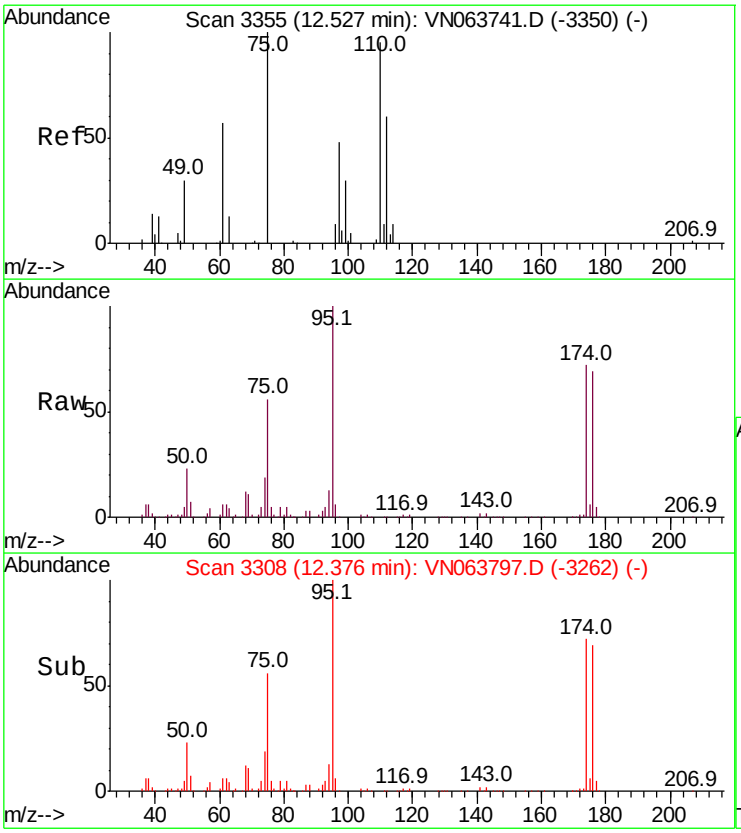
#74
N-amyl acetate
Concen: 2.573 ug/l
RT: 12.02 min Scan# 3196
Delta R.T. -0.03 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 43 Resp: 2127

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	5.6	17.9	26.9#
61	0.0	17.0	25.4#

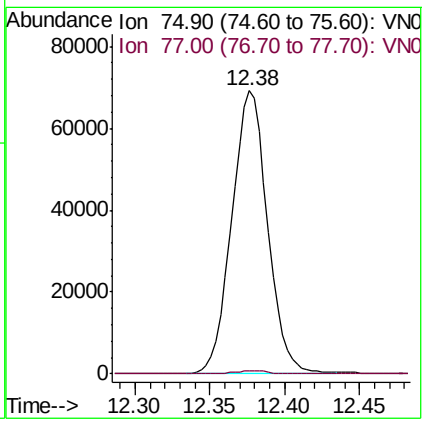


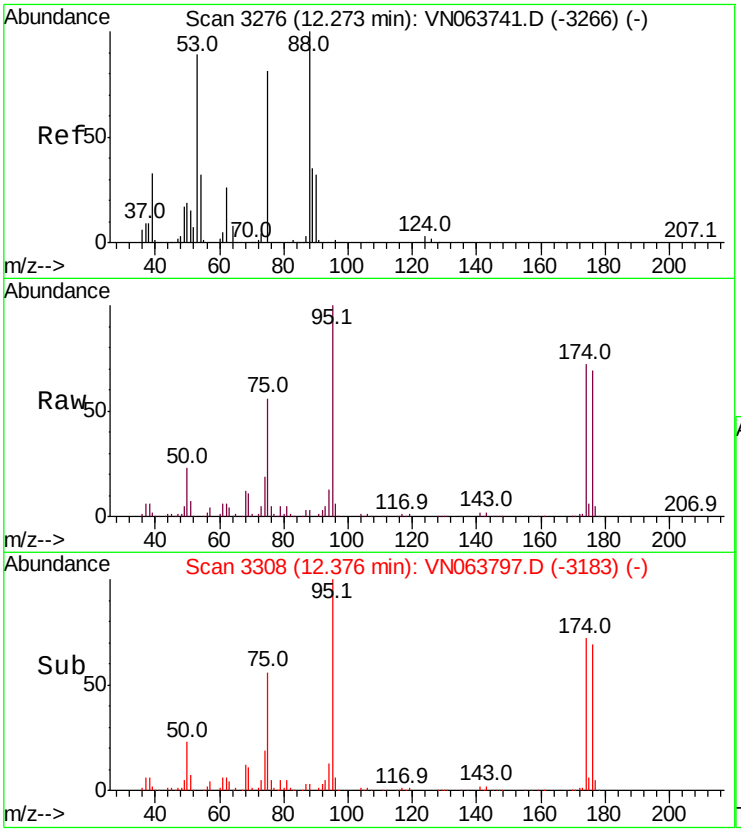


#76
1,2,3-Trichloropropane
Concen: 31.182 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion: 75 Resp: 115432

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



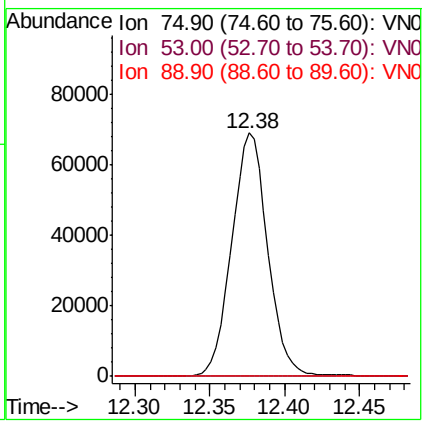


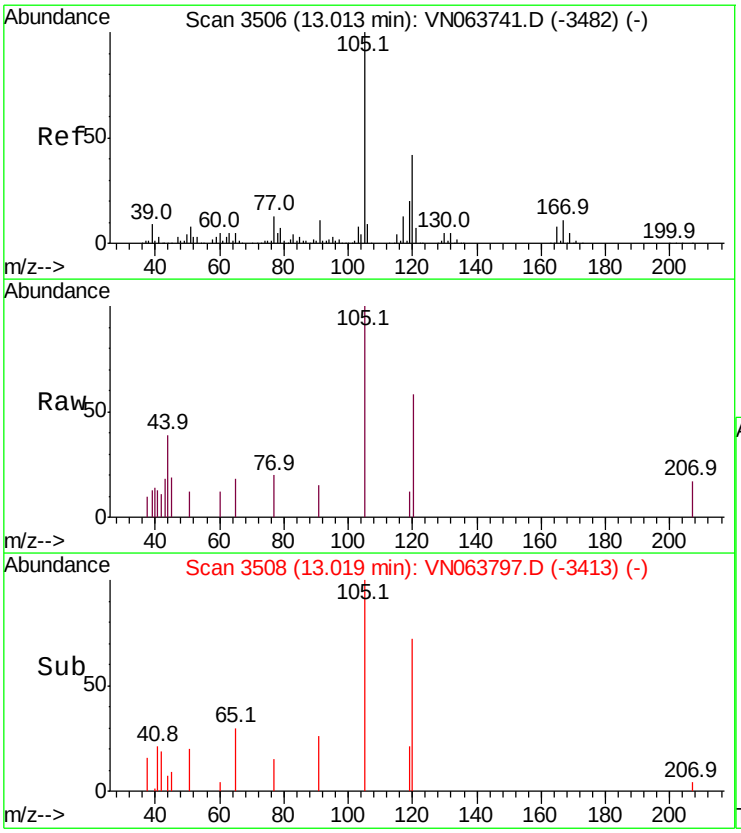
#81
trans-1,4-Dichloro-2-butene
Concen: 89.808 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion: 75 Resp: 115432

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

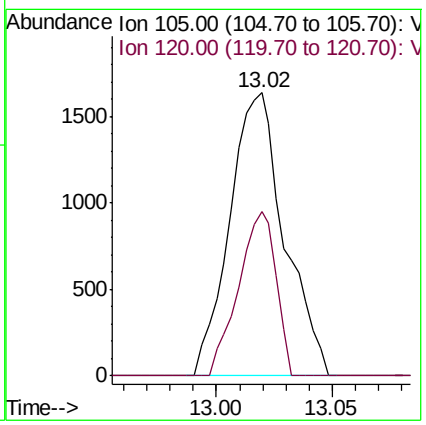


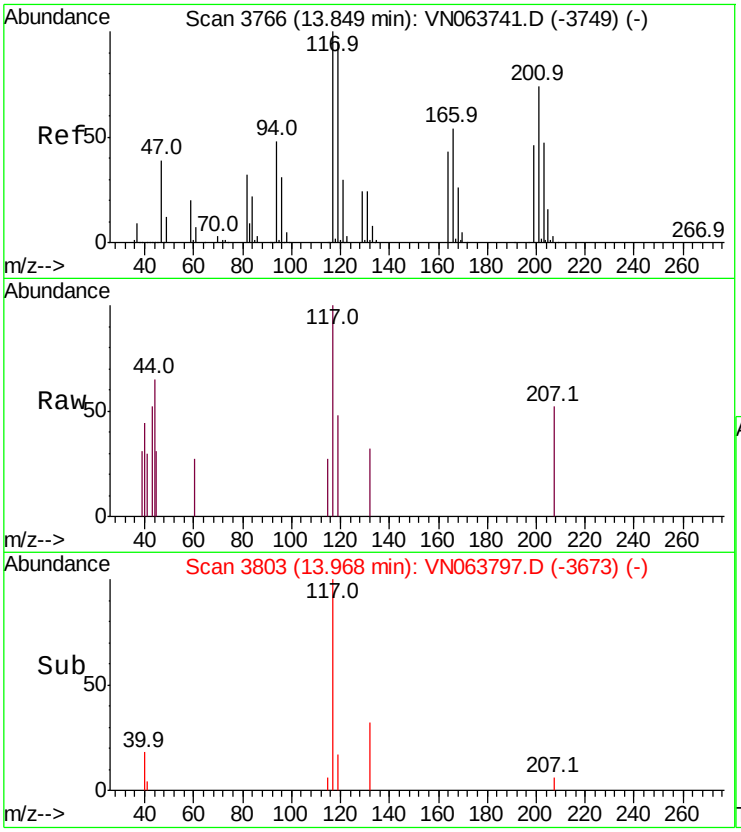


#84
1,2,4-Trimethylbenzene
Concen: 0.262 ug/l
RT: 13.02 min Scan# 3508
Delta R.T. 0.01 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion:105 Resp: 2688

Ion	Ratio	Lower	Upper
105	100		
120	39.7	20.9	62.7



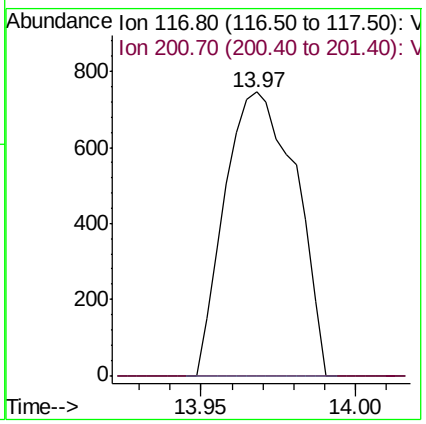


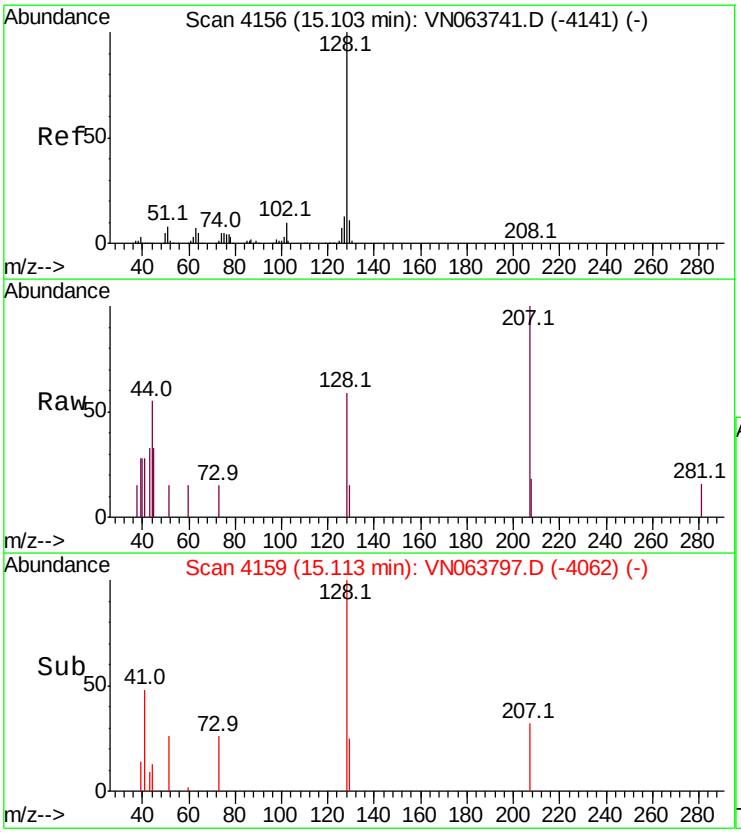
#90
Hexachloroethane
Concen: 0.630 ug/l
RT: 13.97 min Scan# 3803
Delta R.T. 0.12 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Instrument :
MSVOA_N
ClientSampleId :
SU-03-093020

Tgt Ion:117 Resp: 1192

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.0	108.0#





#95
Naphthalene
Concen: 2.046 ug/l
RT: 15.11 min Scan# 4159
Delta R.T. 0.01 min
Lab File: VN063797.D
Acq: 2 Oct 2020 2:32

Tgt Ion:128 Resp: 1148

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	2.6	8.7	13.1#