Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\
Data File : VN063018.D
Acq On : 19 Aug 2020 17:33
Operator : JC/MD
Sample : L3496-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AU-06-081720

Quant Time: Aug 20 01:26:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	92242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	96644	55.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.36%			
35) Dibromofluoromethane	7.55	113	85164	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.94%			
50) Toluene-d8	10.06	98	316055	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.36%			
62) 4-Bromofluorobenzene	12.38	95	105122	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.48%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.68	59	273	1.100	ug/l #	74
16) Acetone	3.79	43	1522	Below Cal	#	40
20) Methylene Chloride	4.50	84	8470	4.264	ug/l	96
29) Tetrahydrofuran	7.17	42	151	0.252	ug/l #	34
30) Chloroform	7.33	83	3212	1.137	ug/l	95
31) Cyclohexane	7.63	56	2793	1.082	ug/l #	3
36) 1,1-Dichloropropene	7.63	75	10113	4.651	ug/l #	48
38) Carbon Tetrachloride	7.63	117	13413	6.110	ug/l #	18
47) Bromodichloromethane	9.37	83	993	0.394	ug/l #	87
52) Toluene	10.12	92	978	0.235	ug/l	82
59) 2-Hexanone	10.73	43	375	0.252	ug/l #	23
71) Bromoform	12.38	173	961	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	50118	27.952	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50118	76.770	ug/l #	15
89) n-Butylbenzene	13.60	91	98	2.789	ug/l #	34

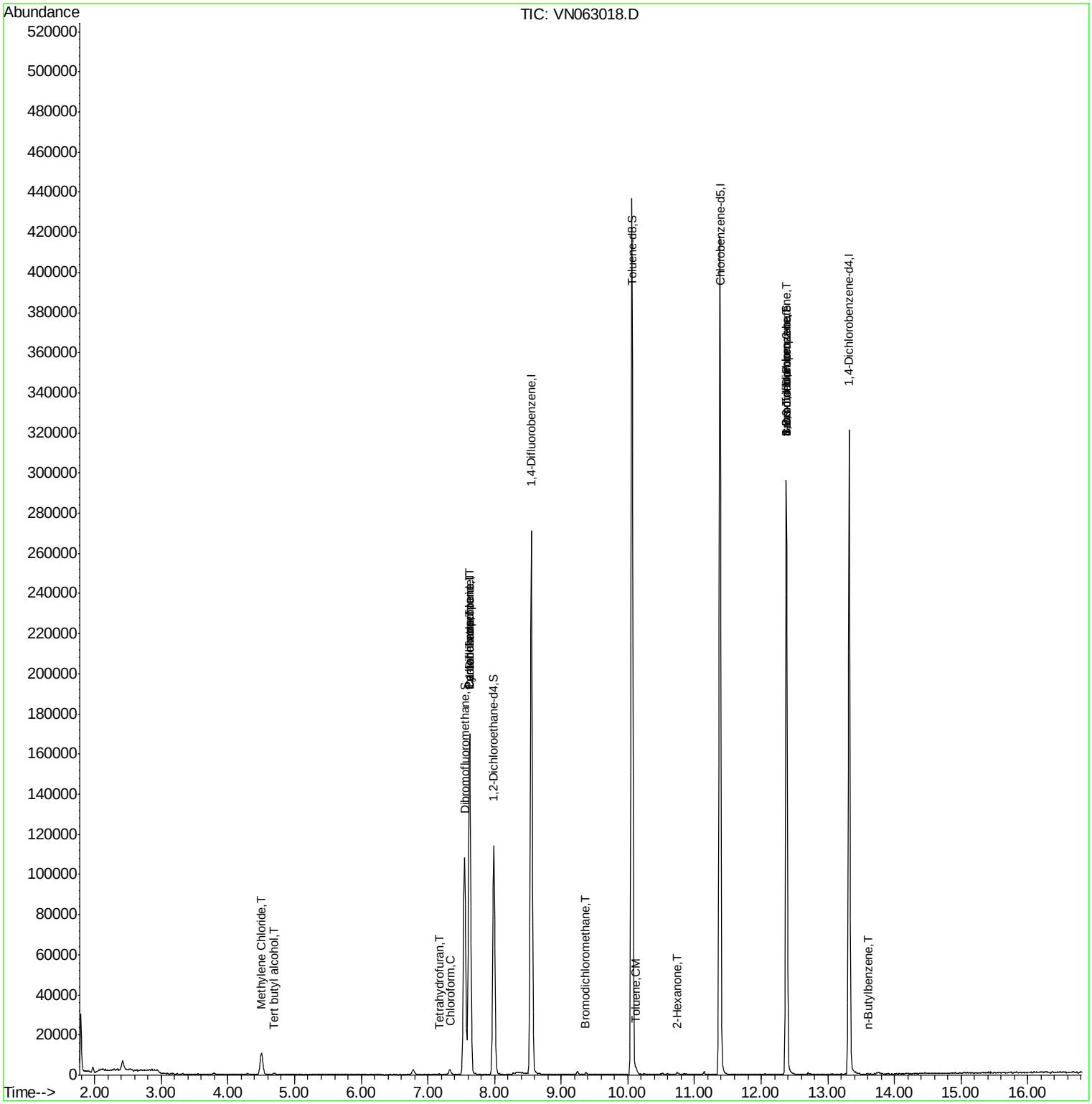
(#) = qualifier out of range (m) = manual integration (+) = signals summed

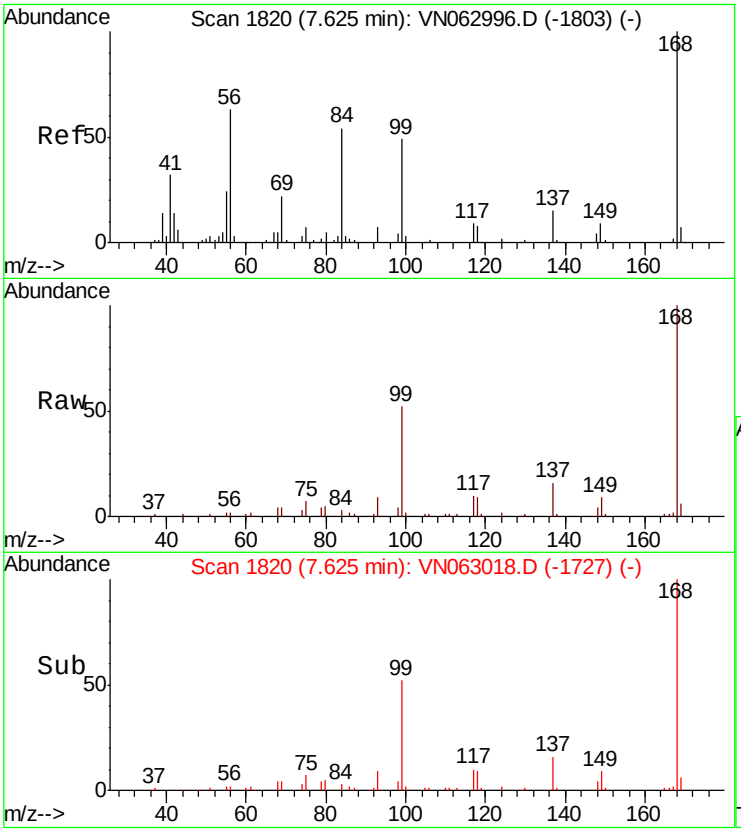
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\
Data File : VN063018.D
Acq On : 19 Aug 2020 17:33
Operator : JC/MD
Sample : L3496-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AU-06-081720

Quant Time: Aug 20 01:26:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration



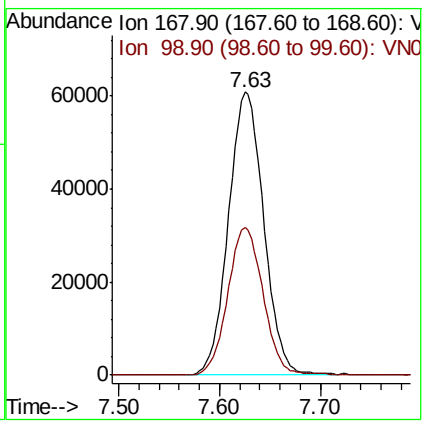


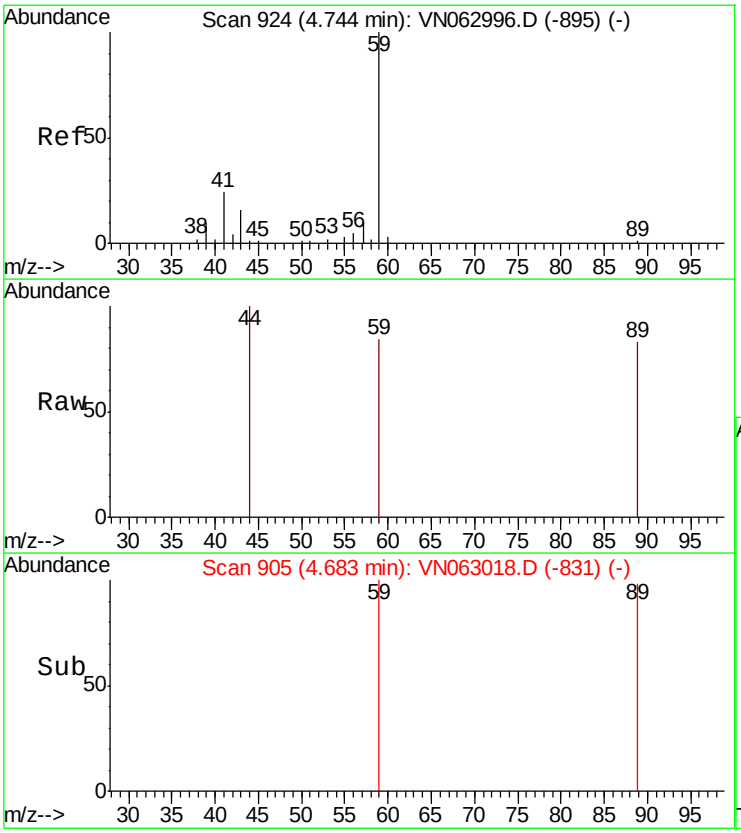
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion:168 Resp: 147771

Ion	Ratio	Lower	Upper
168	100		
99	52.1	42.0	63.0

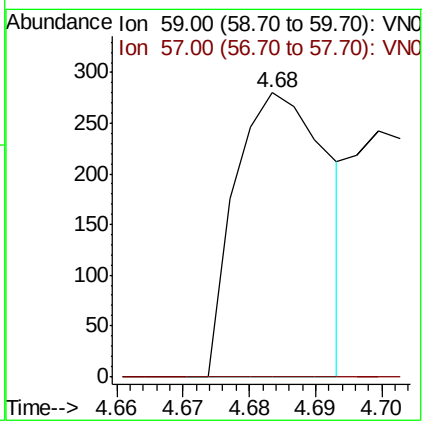


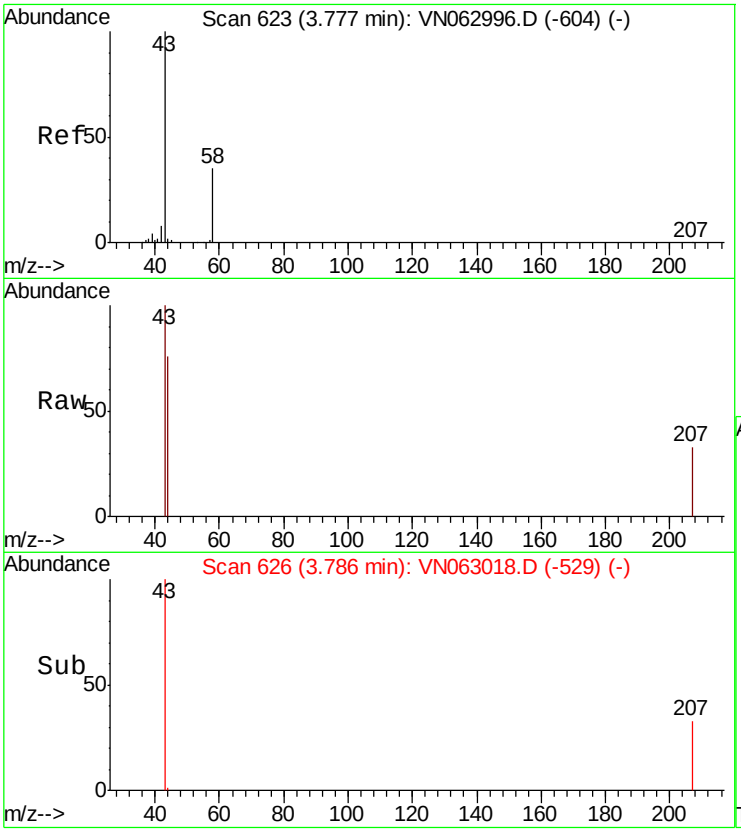


#11
Tert butyl alcohol
Concen: 1.100 ug/l
RT: 4.68 min Scan# 905
Delta R.T. -0.06 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 59 Resp: 273

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



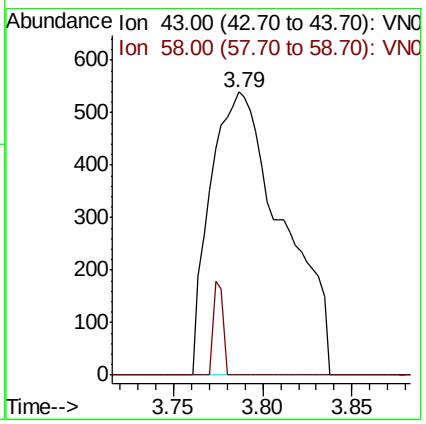


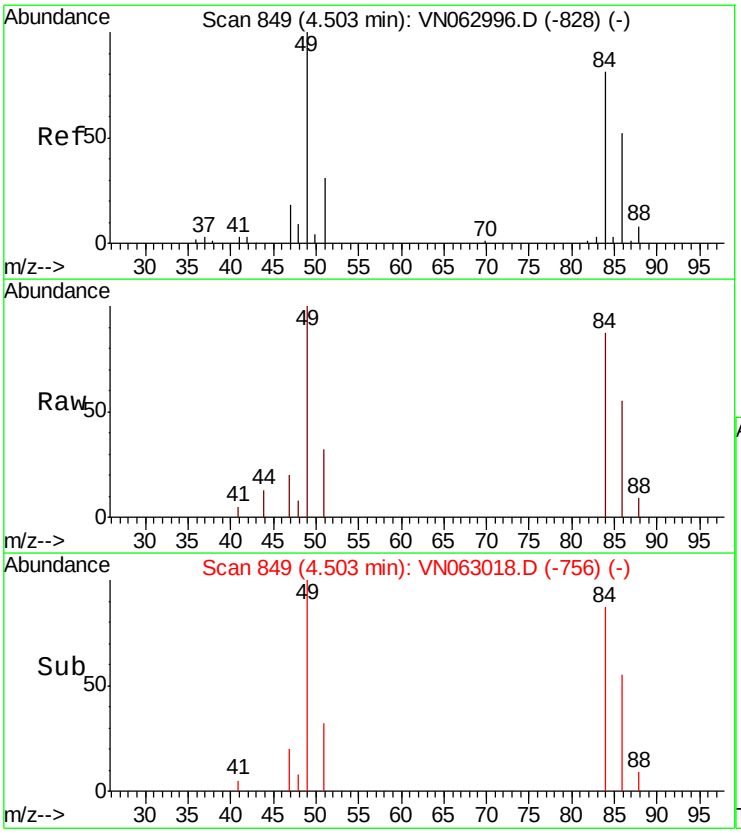
#16
Acetone
Concen: Below Cal
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion: 43 Resp: 1522

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.8	41.6#

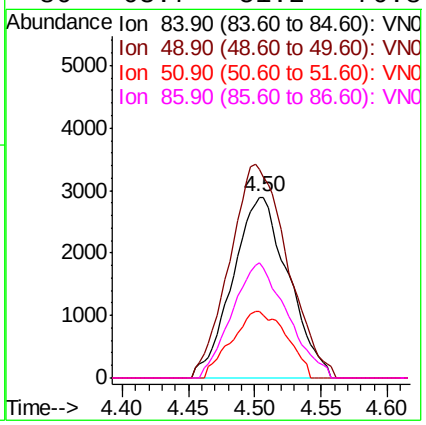


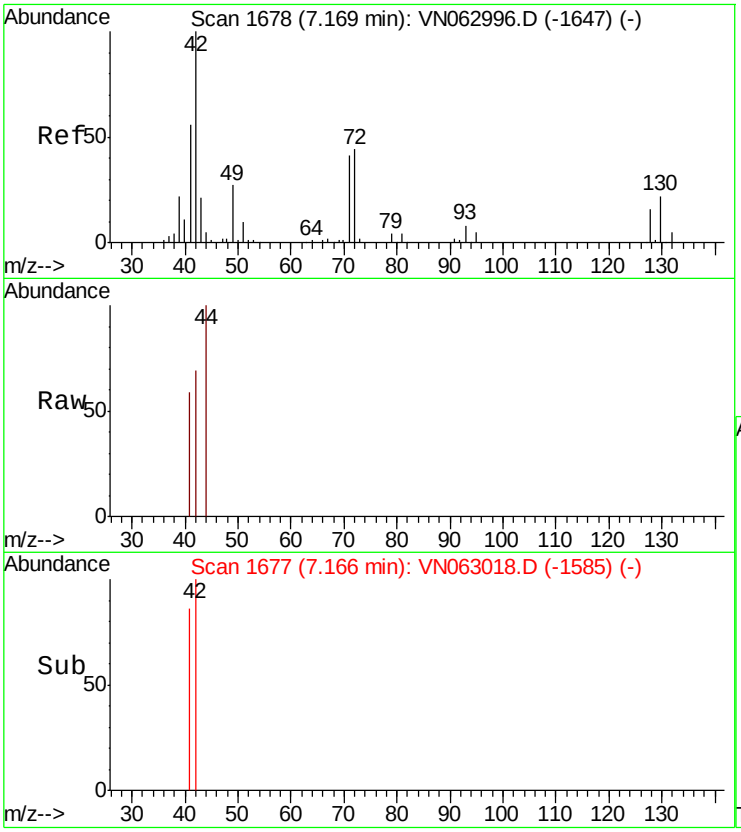


#20
Methylene Chloride
Concen: 4.264 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 84 Resp: 8470

Ion	Ratio	Lower	Upper
84	100		
49	115.4	98.7	148.1
51	36.8	30.8	46.2
86	63.7	51.2	76.8



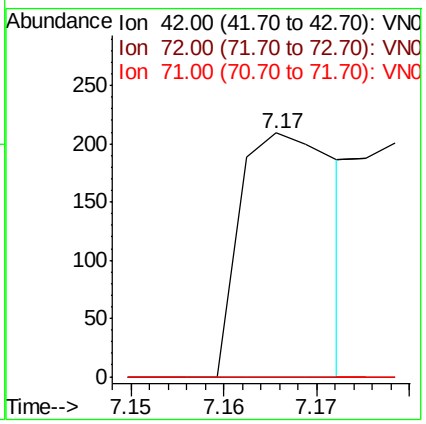


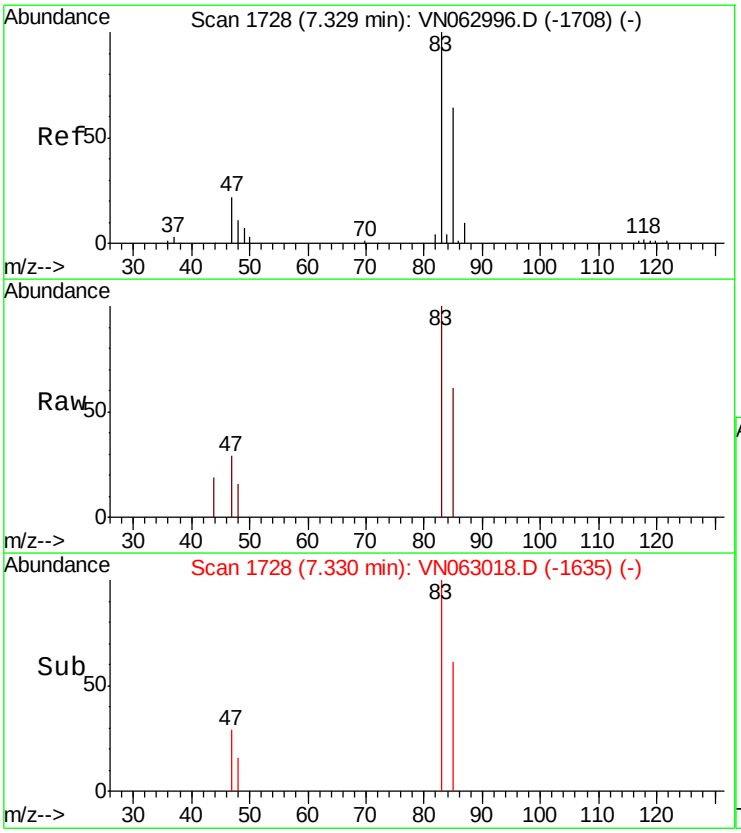
#29
Tetrahydrofuran
Concen: 0.252 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument : MSVOA_N
ClientSampleId : AU-06-081720

Tgt Ion: 42 Resp: 151

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	52.0#
71	0.0	32.3	48.5#

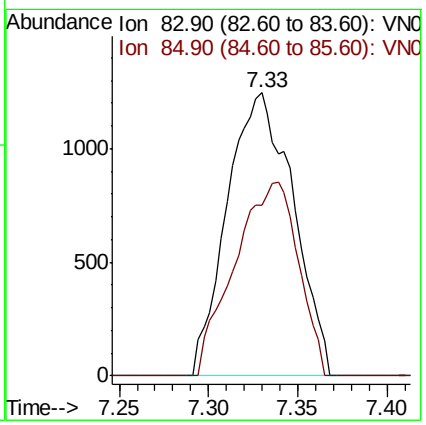


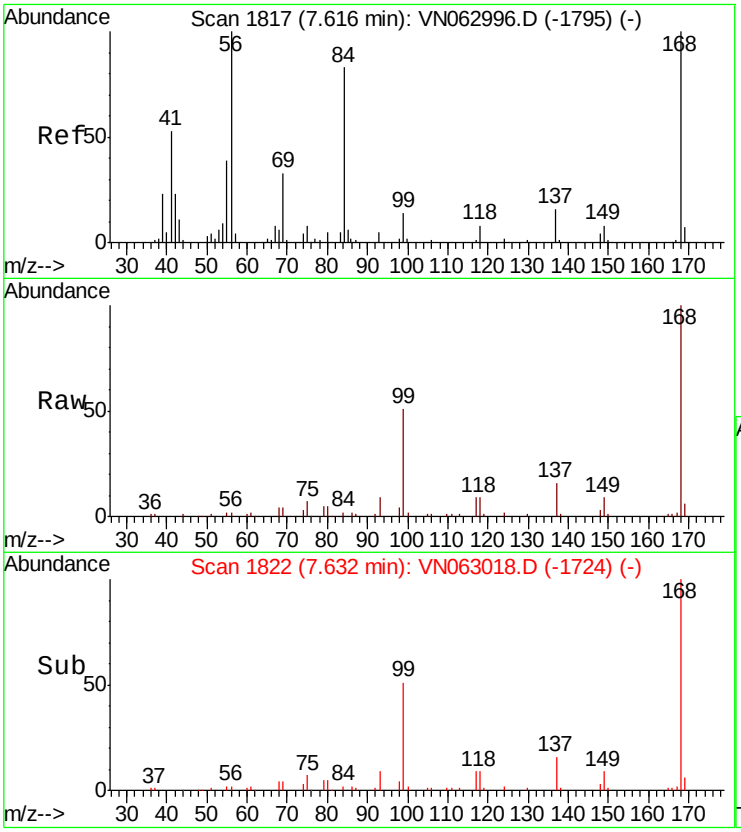


#30
Chloroform
Concen: 1.137 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 83 Resp: 3212

Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.5	77.3



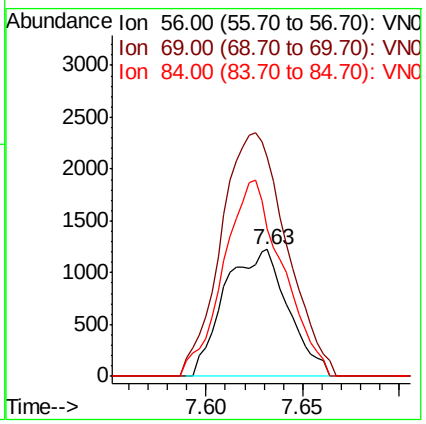


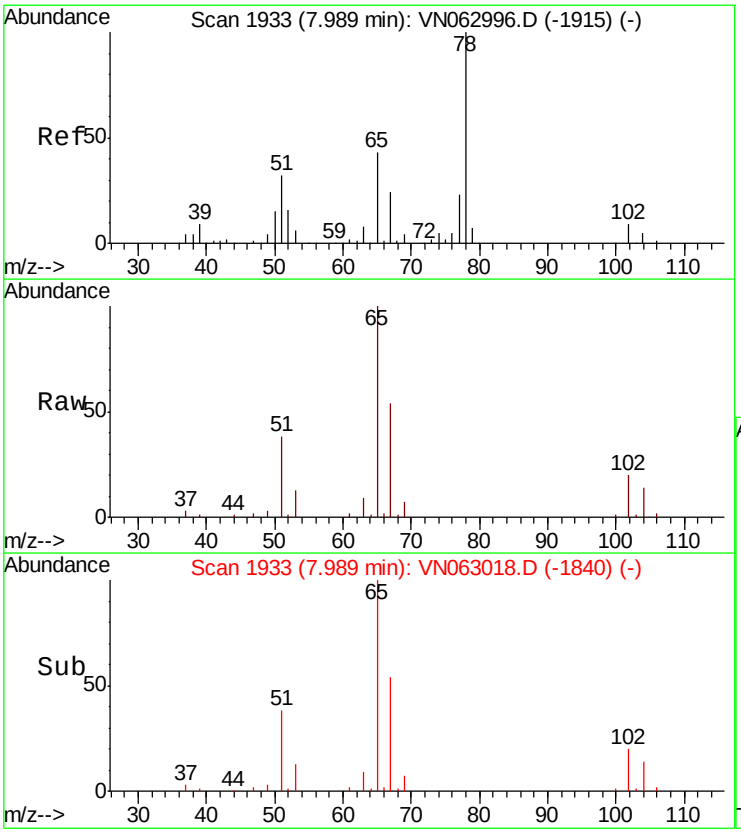
#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.02 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument : MSVOA_N
ClientSampleId : AU-06-081720

Tgt Ion: 56 Resp: 2793

Ion	Ratio	Lower	Upper
56	100		
69	172.3	26.6	40.0#
84	116.4	66.4	99.6#

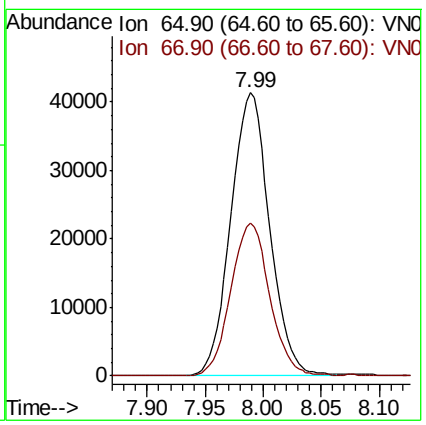


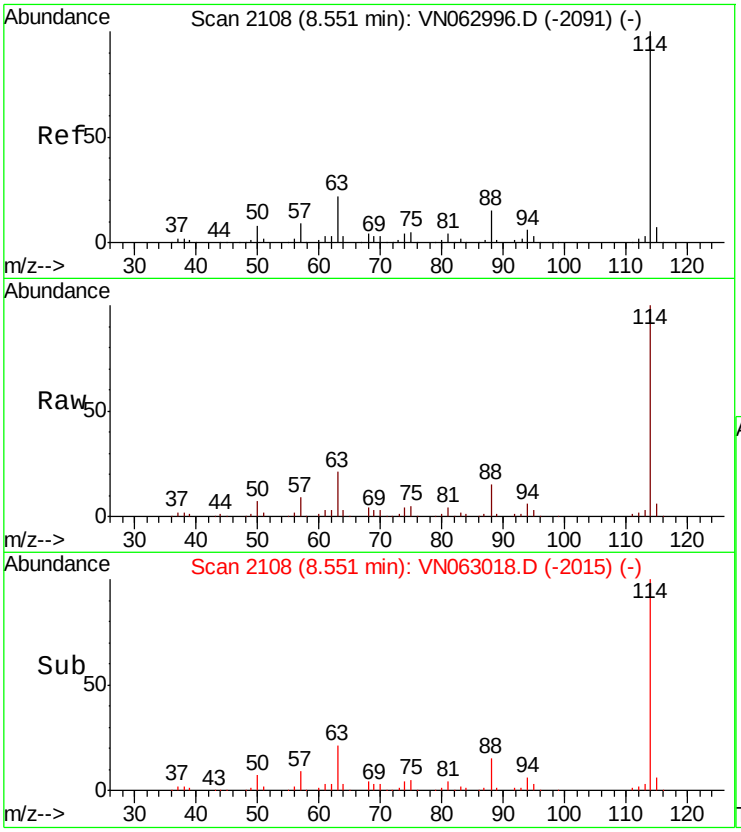


#33
1,2-Dichloroethane-d4
Concen: 55.182 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 65 Resp: 96644

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	112.0



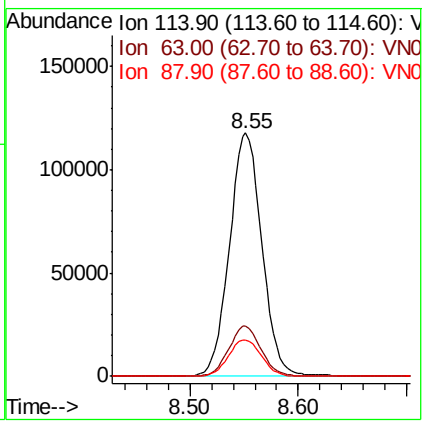


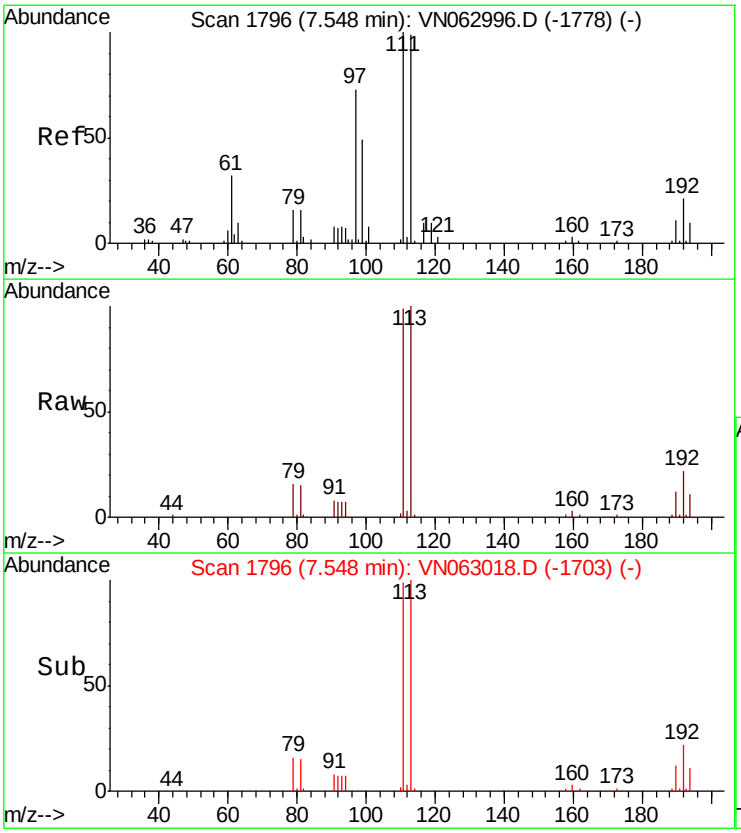
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion:114 Resp: 246733

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	15.1	0.0	30.6

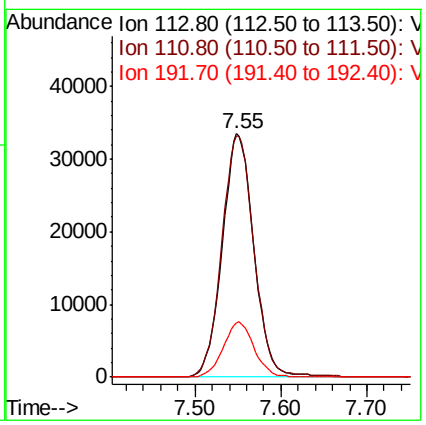


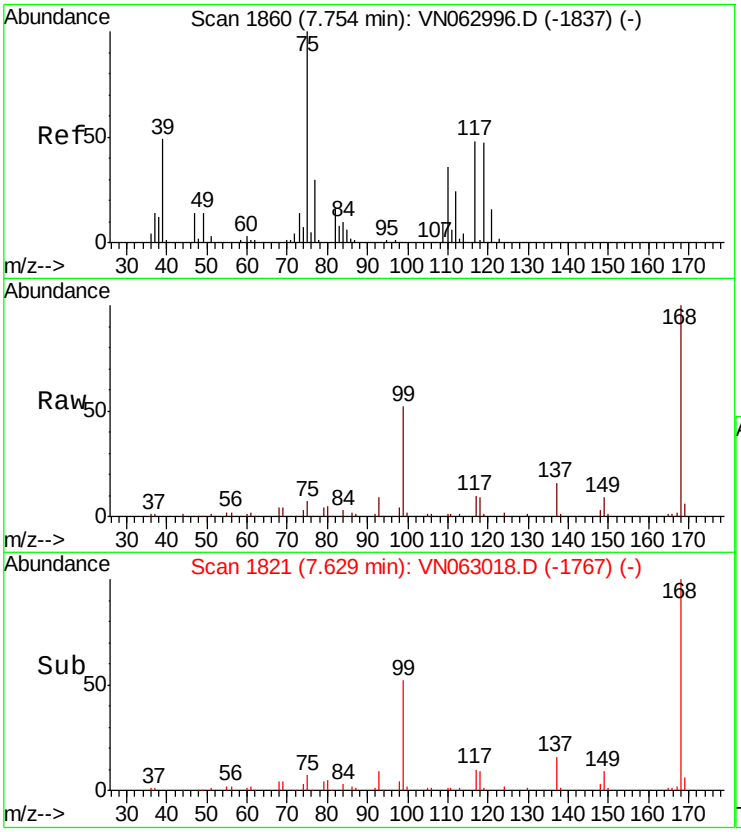


#35
Dibromofluoromethane
Concen: 52.972 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion:113 Resp: 85164

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.7	122.5
192	22.0	17.5	26.3



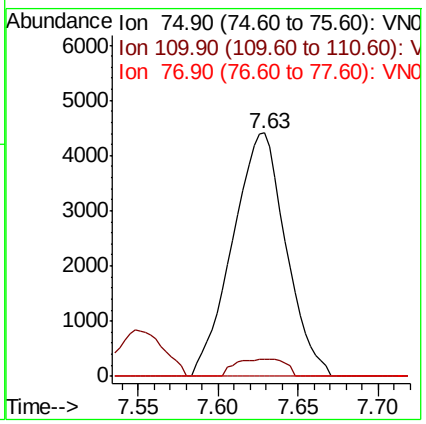


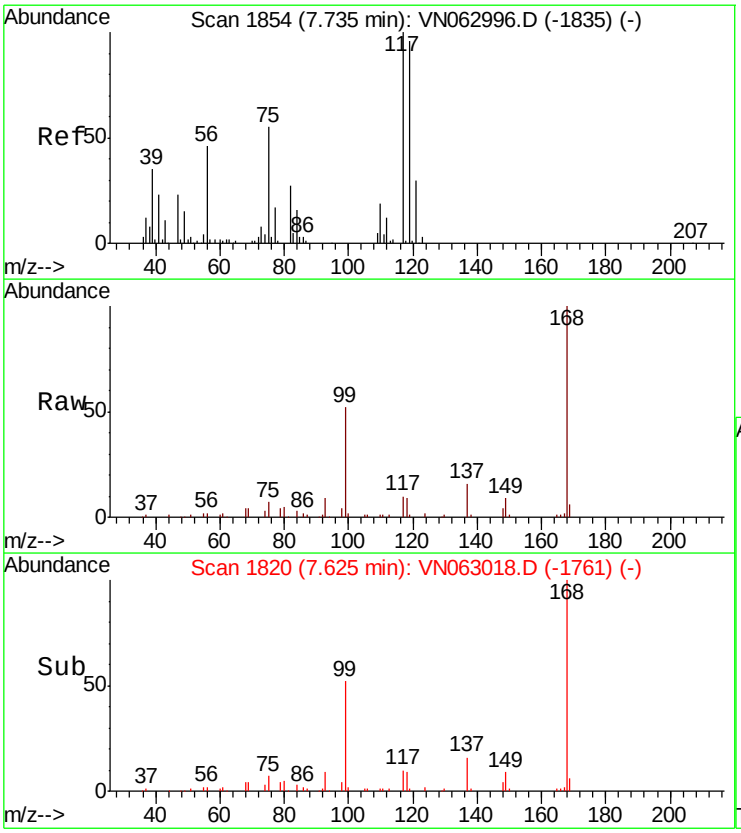
#36
1,1-Dichloropropene
Concen: 4.651 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.13 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion: 75 Resp: 10113

Ion	Ratio	Lower	Upper
75	100		
110	6.5	17.5	52.6#
77	0.0	24.2	36.4#

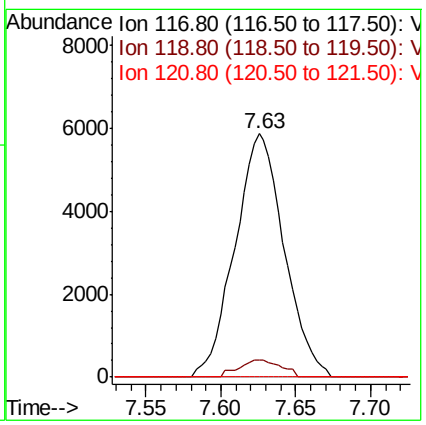


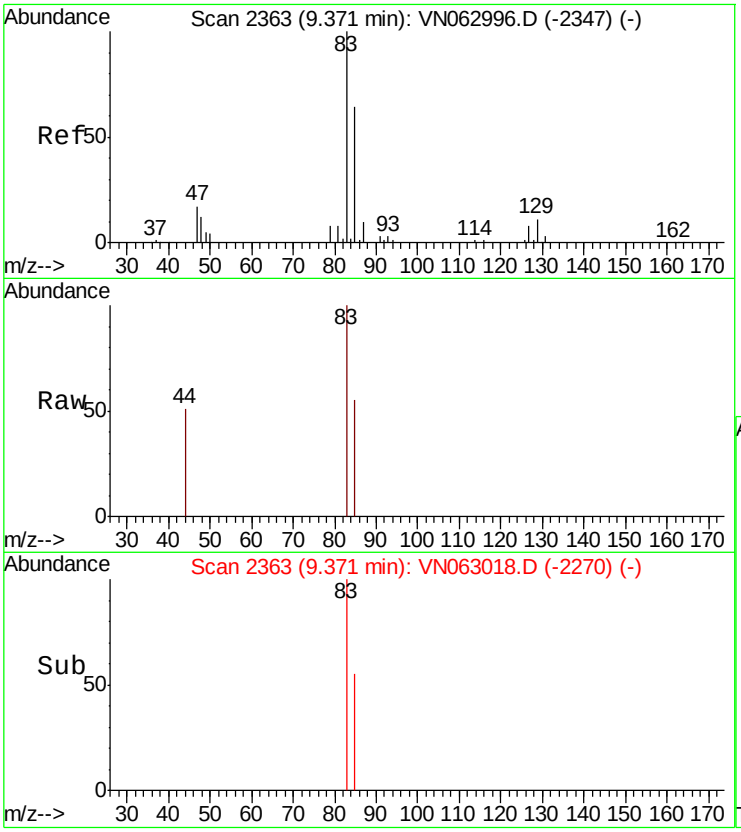


#38
Carbon Tetrachloride
Concen: 6.110 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion:117 Resp: 13413

Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.2	114.4#
121	0.0	24.2	36.2#



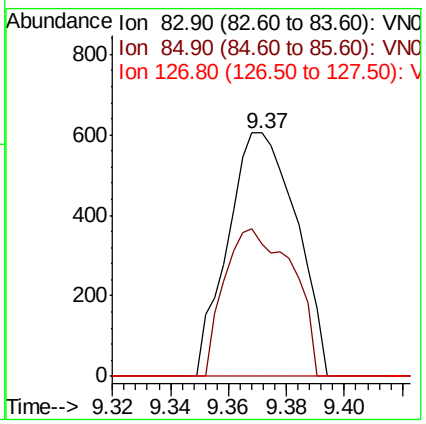


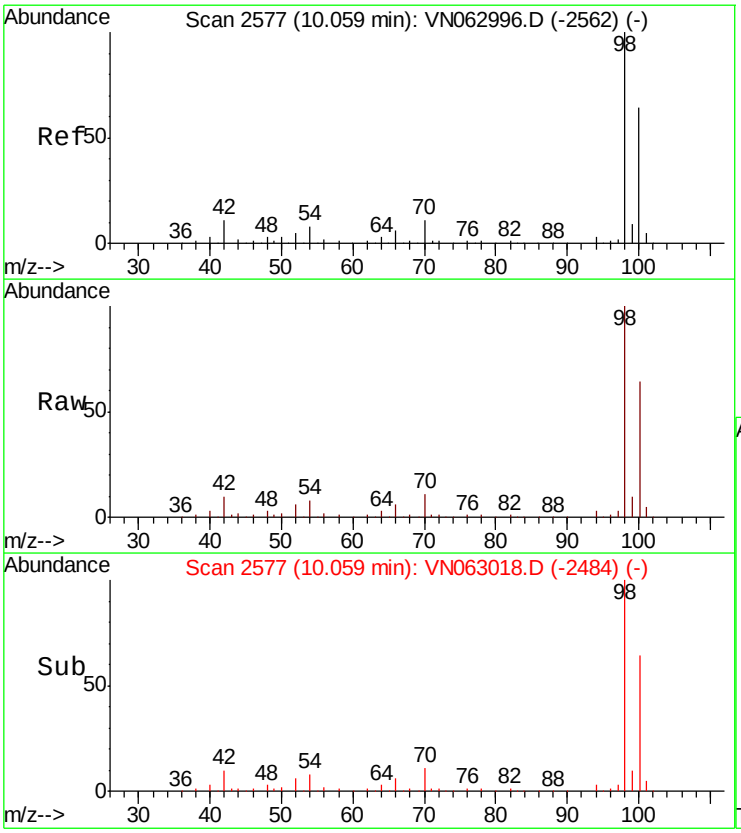
#47
Bromodichloromethane
Concen: 0.394 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion: 83 Resp: 993

Ion	Ratio	Lower	Upper
83	100		
85	54.5	51.1	76.7
127	0.0	6.6	9.8#

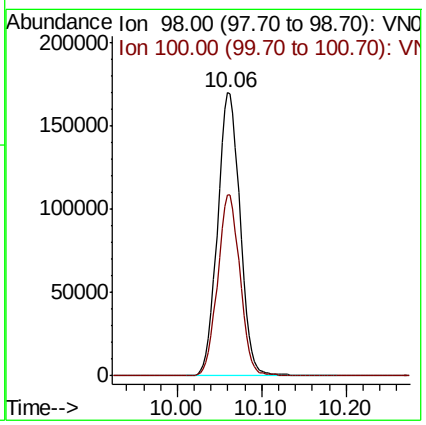


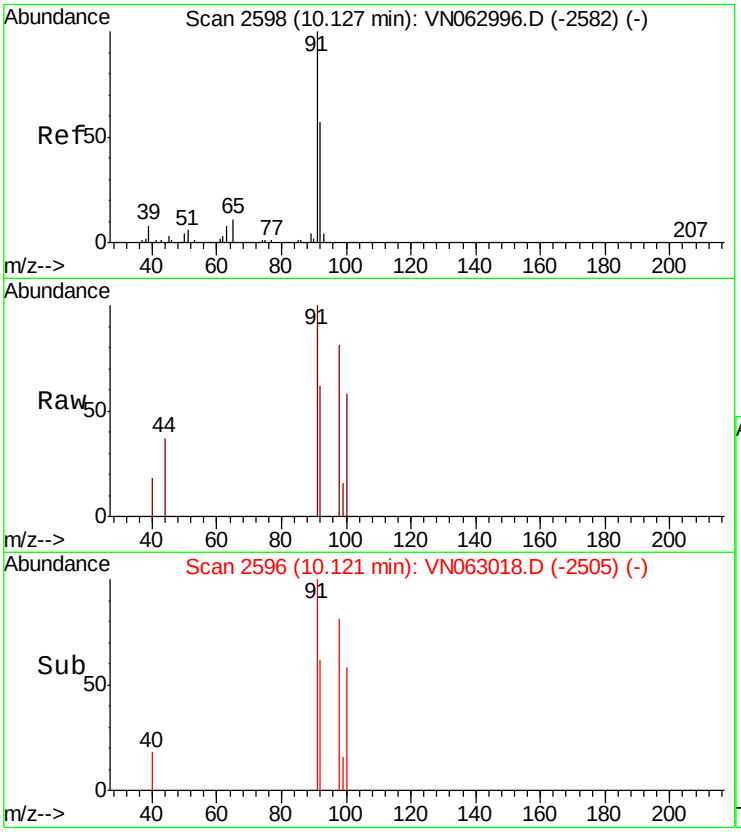


#50
Toluene-d8
Concen: 51.181 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 98 Resp: 316055

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.2	76.8



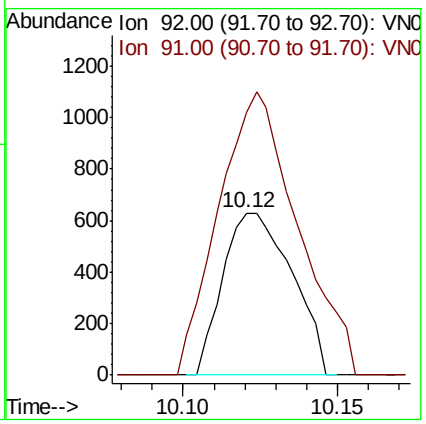


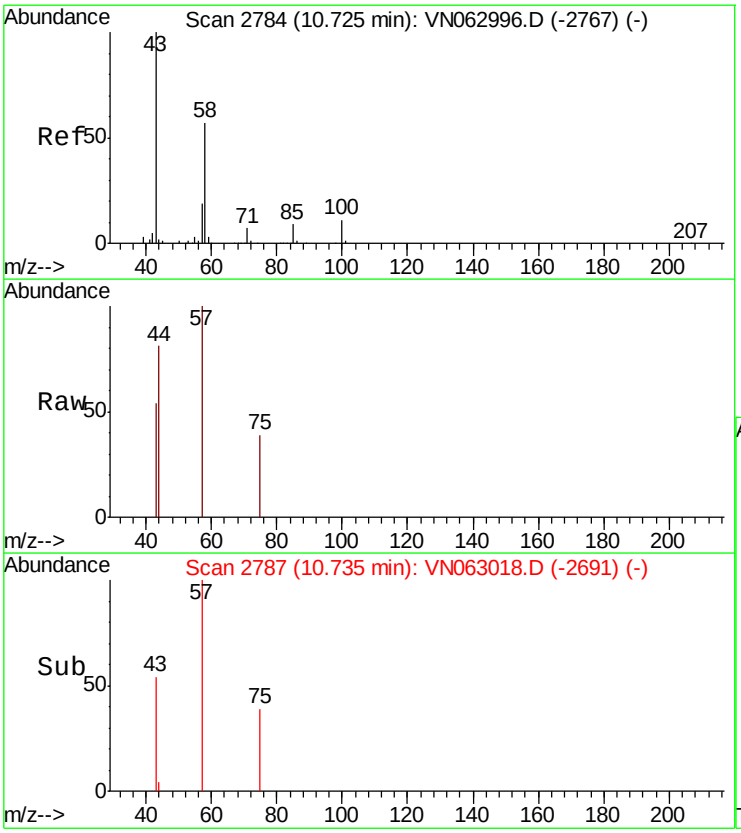
#52
Toluene
Concen: 0.235 ug/l
RT: 10.12 min Scan# 2596
Delta R.T. -0.01 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument : MSVOA_N
ClientSampleId : AU-06-081720

Tgt Ion: 92 Resp: 978

Ion	Ratio	Lower	Upper
92	100		
91	199.4	139.2	208.8

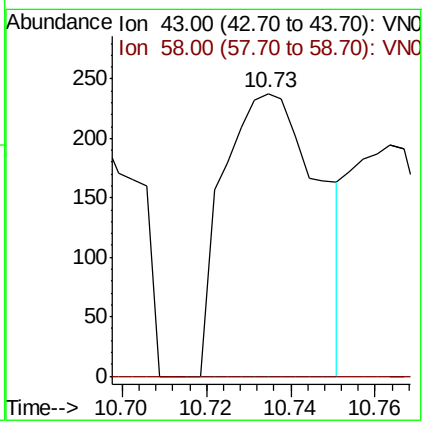


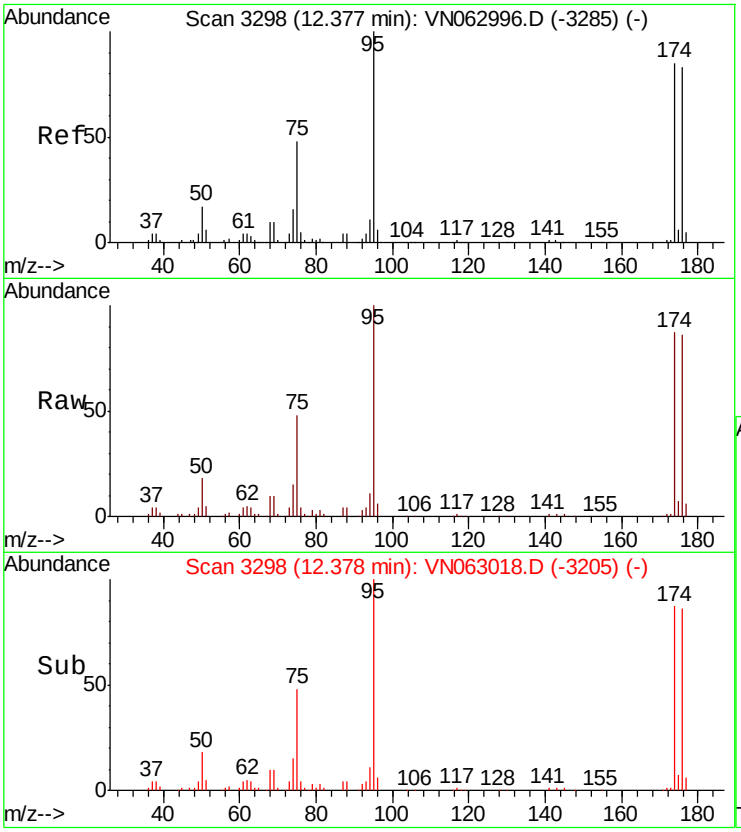


#59
2-Hexanone
Concen: 0.252 ug/l
RT: 10.73 min Scan# 2787
Delta R.T. 0.01 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 43 Resp: 375

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.1	84.3#



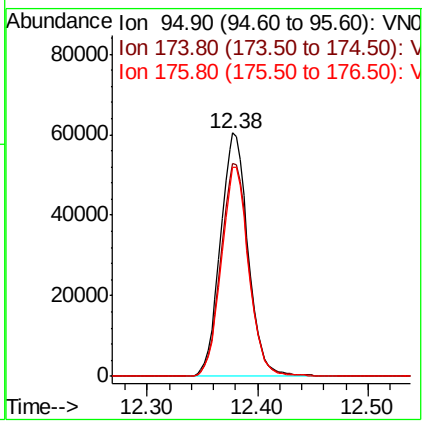


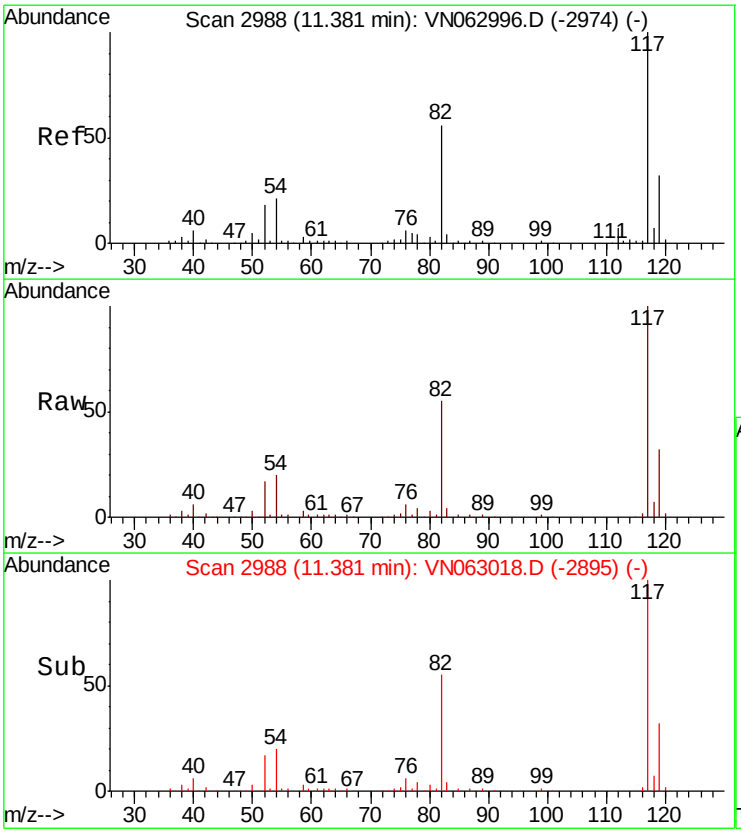
#62
4-Bromofluorobenzene
Concen: 48.240 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion: 95 Resp: 105122

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	170.8
176	85.1	0.0	164.8

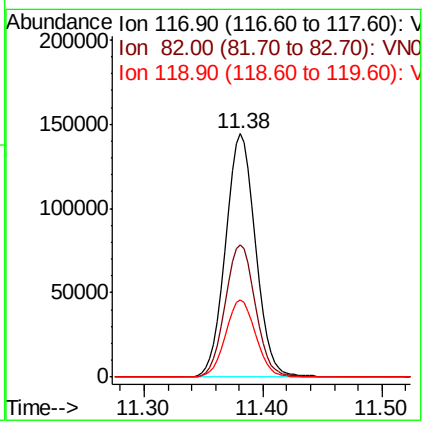


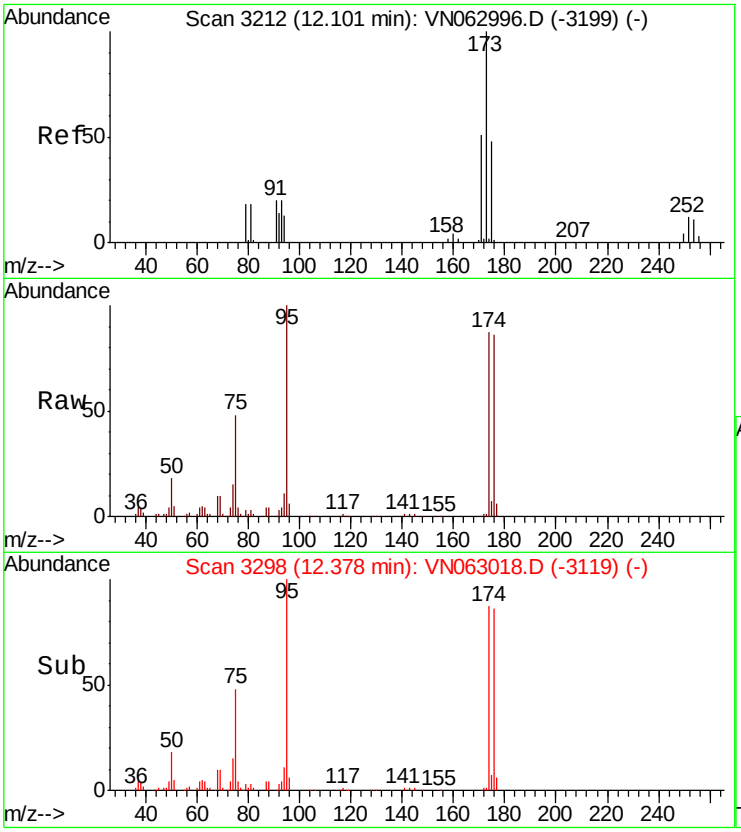


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion:117 Resp: 252714

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.5	66.7
119	31.9	25.5	38.3



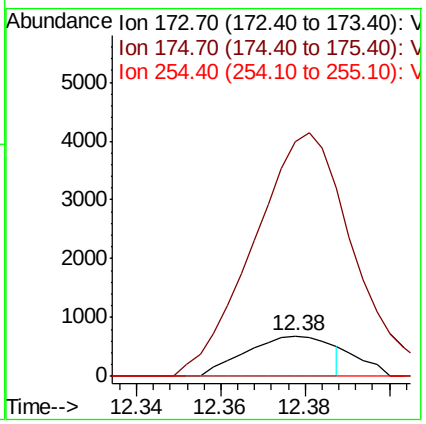


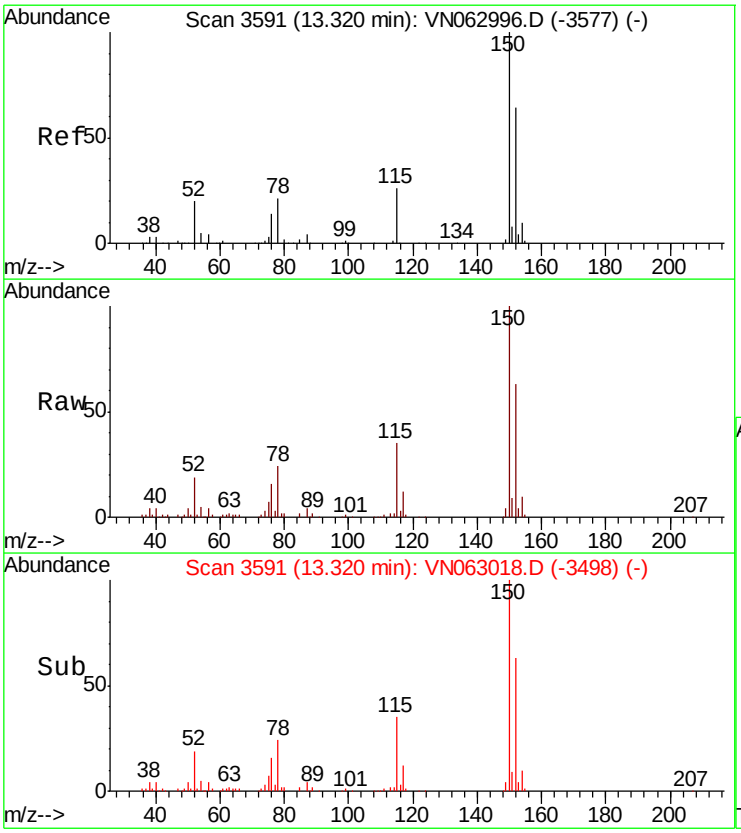
#71
Bromoform
Concen: 0.612 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument : MSVOA_N
ClientSampleId : AU-06-081720

Tgt Ion:173 Resp: 961

Ion	Ratio	Lower	Upper
173	100		
175	567.2	24.3	72.8#
254	0.0	0.0	0.0

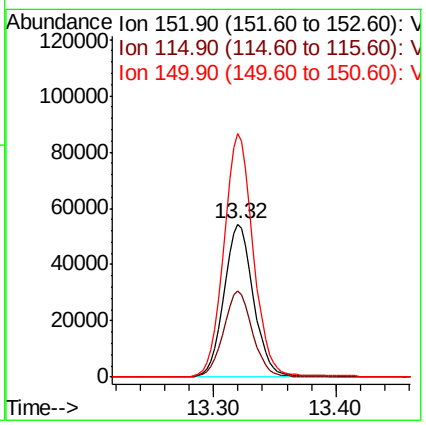


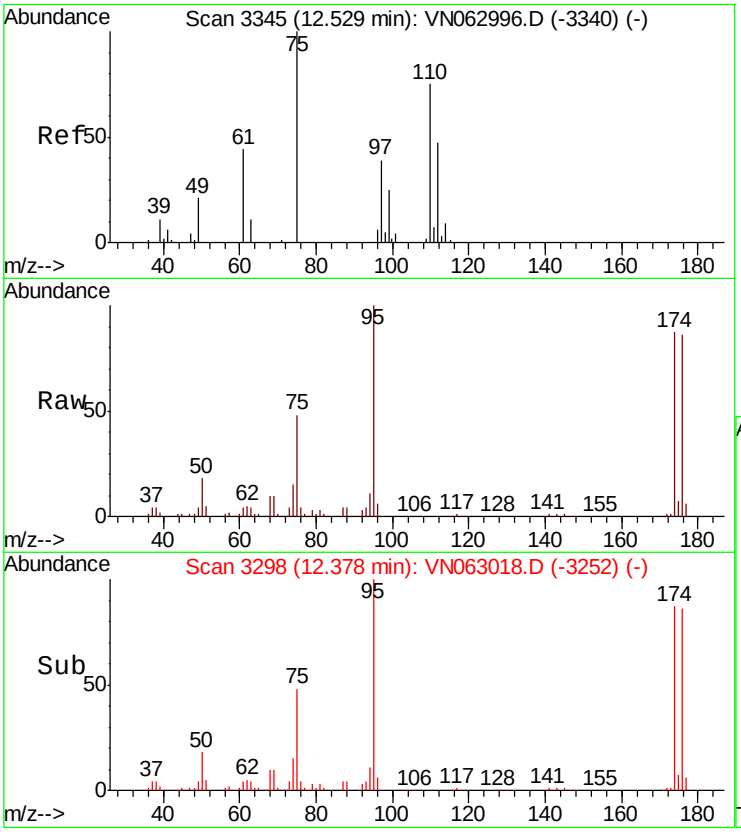


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion:152 Resp: 92242

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.7	86.3
150	158.8	0.0	348.8



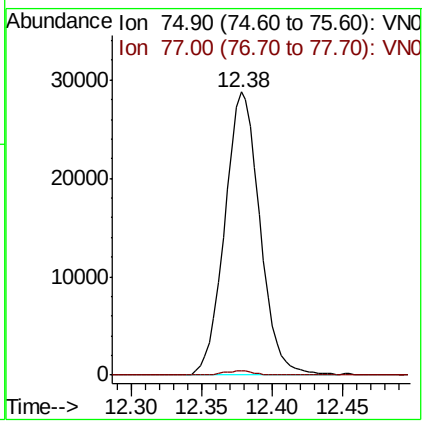


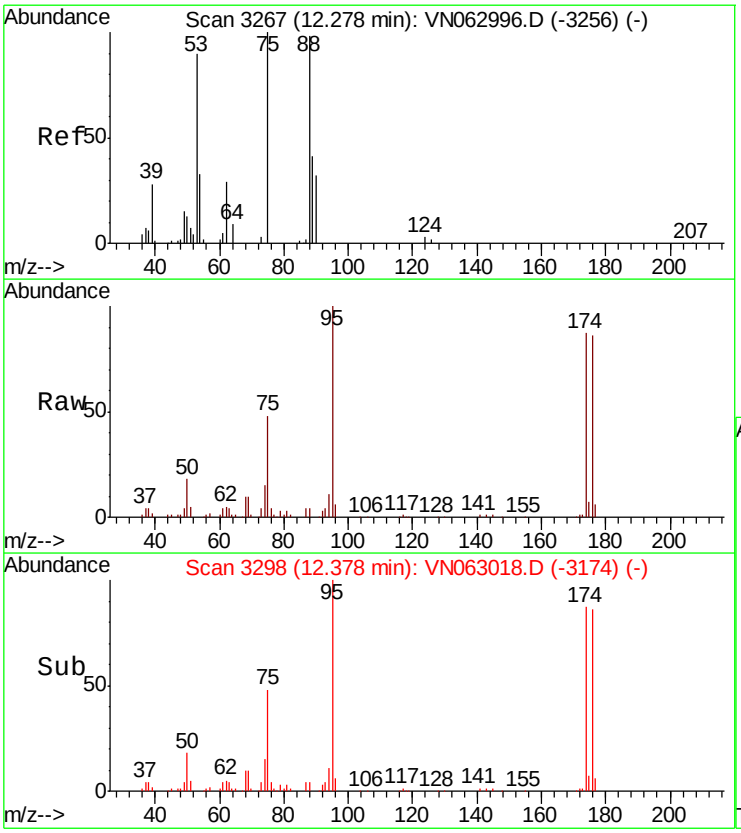
#76
1,2,3-Trichloropropane
Concen: 27.952 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion: 75 Resp: 50118

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

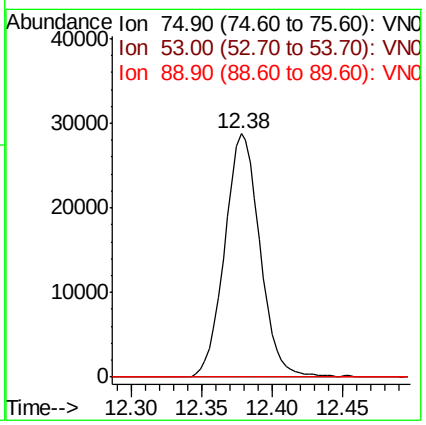


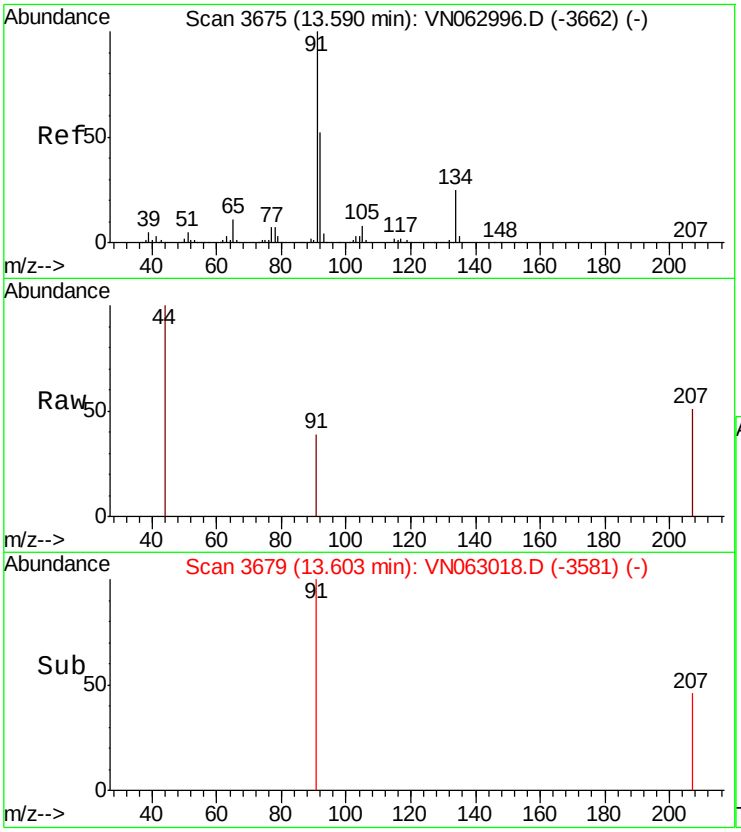


#81
trans-1,4-Dichloro-2-butene
Concen: 76.770 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Tgt Ion: 75 Resp: 50118

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.2	103.8#
89	0.0	34.2	51.4#





#89
n-Butylbenzene
Concen: 2.789 ug/l
RT: 13.60 min Scan# 3679
Delta R.T. 0.01 min
Lab File: VN063018.D
Acq: 19 Aug 2020 17:33

Instrument :
MSVOA_N
ClientSampleId :
AU-06-081720

Tgt Ion: 91 Resp: 98

Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.9	77.6#
134	0.0	12.4	37.0#