Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102720\
Data File : VN064337.D
Acq On : 27 Oct 2020 19:37
Operator : JC/MD
Sample : L4520-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PS-FRAC

Quant Time: Oct 28 04:28:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	215882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	378250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	387667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	171133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177436	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.30%		
35) Dibromofluoromethane	7.55	113	125997	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.90%		
50) Toluene-d8	10.06	98	474341	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.68%		
62) 4-Bromofluorobenzene	12.38	95	212229	58.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	116.68%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	459	0.911	ug/l #	85
16) Acetone	3.78	43	3546	Below Cal	#	79
17) Carbon Disulfide	4.02	76	1247	0.204	ug/l #	75
29) Tetrahydrofuran	7.17	42	1268	1.121	ug/l #	79
31) Cyclohexane	7.63	56	5267	1.308	ug/l #	40
36) 1,1-Dichloropropene	7.63	75	17790	4.660	ug/l #	54
38) Carbon Tetrachloride	7.63	117	24312	5.493	ug/l #	19
51) 4-Methyl-2-Pentanone	9.95	43	2277	0.594	ug/l	90
76) 1,2,3-Trichloropropane	12.38	75	118524	28.921	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118524	83.308	ug/l #	8
95) Naphthalene	15.12	128	550	2.447	ug/l #	69

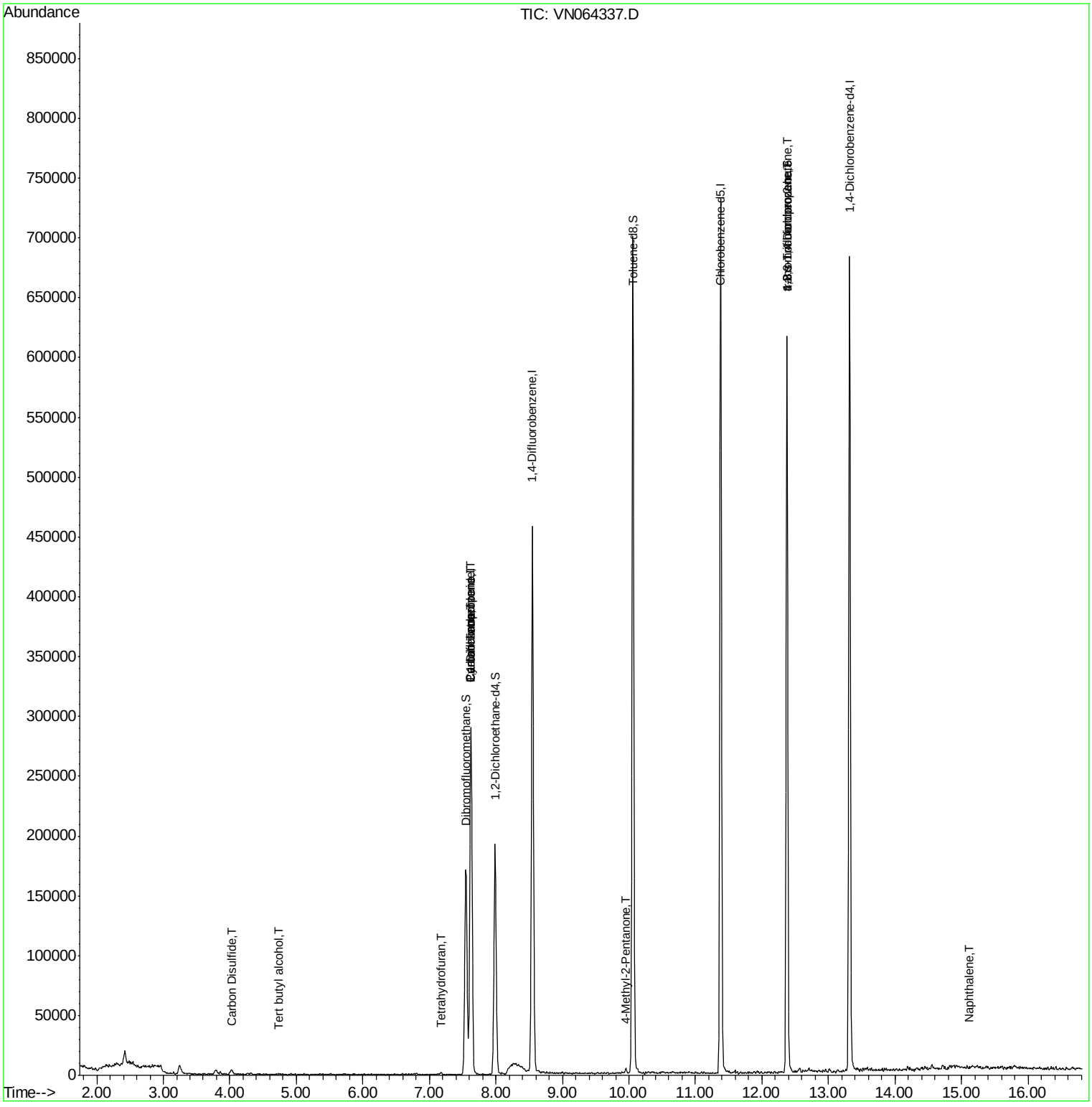
(#) = qualifier out of range (m) = manual integration (+) = signals summed

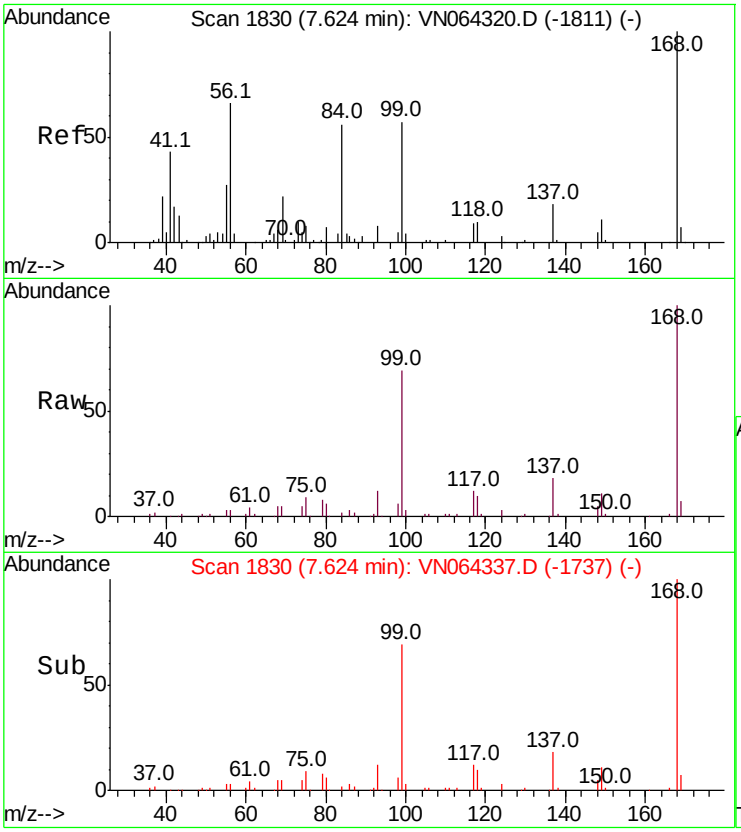
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102720\
Data File : VN064337.D
Acq On : 27 Oct 2020 19:37
Operator : JC/MD
Sample : L4520-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Quant Time: Oct 28 04:28:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration



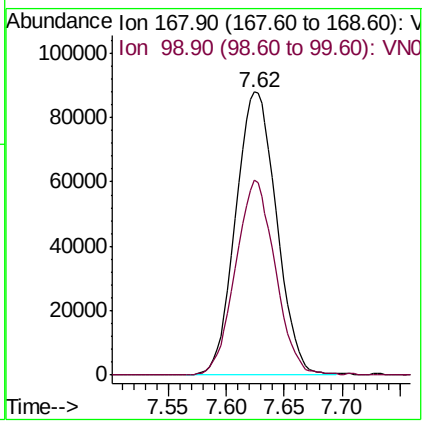


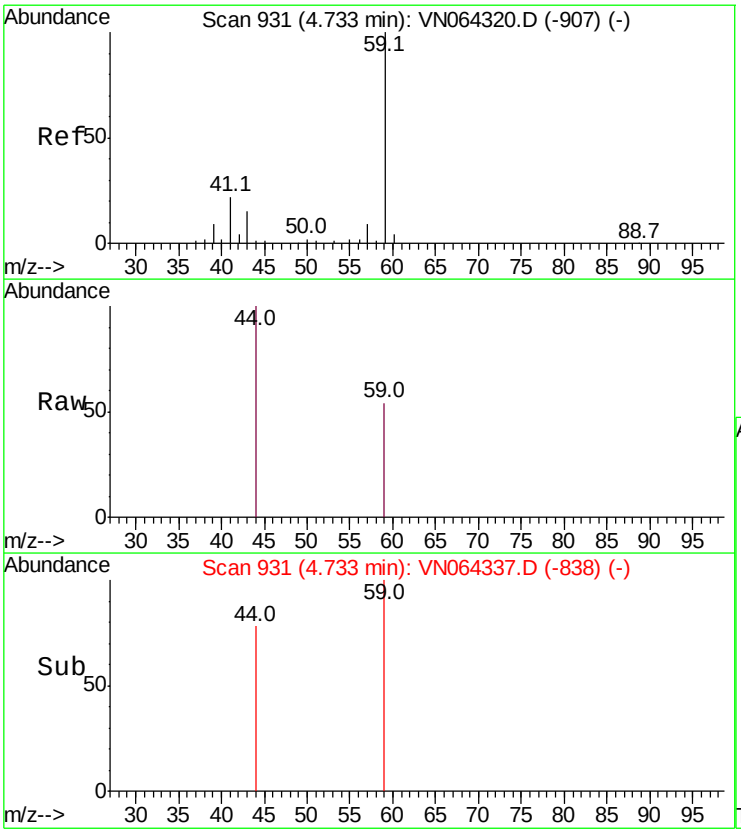
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion:168 Resp: 215882

Ion	Ratio	Lower	Upper
168	100		
99	69.0	52.7	79.1

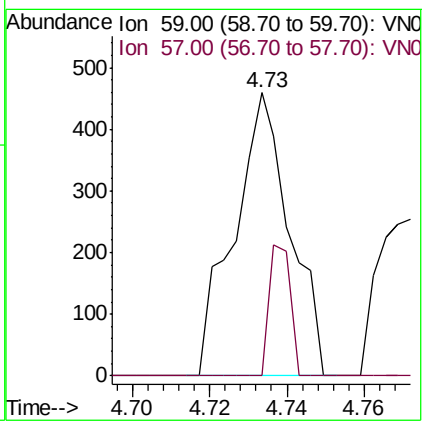


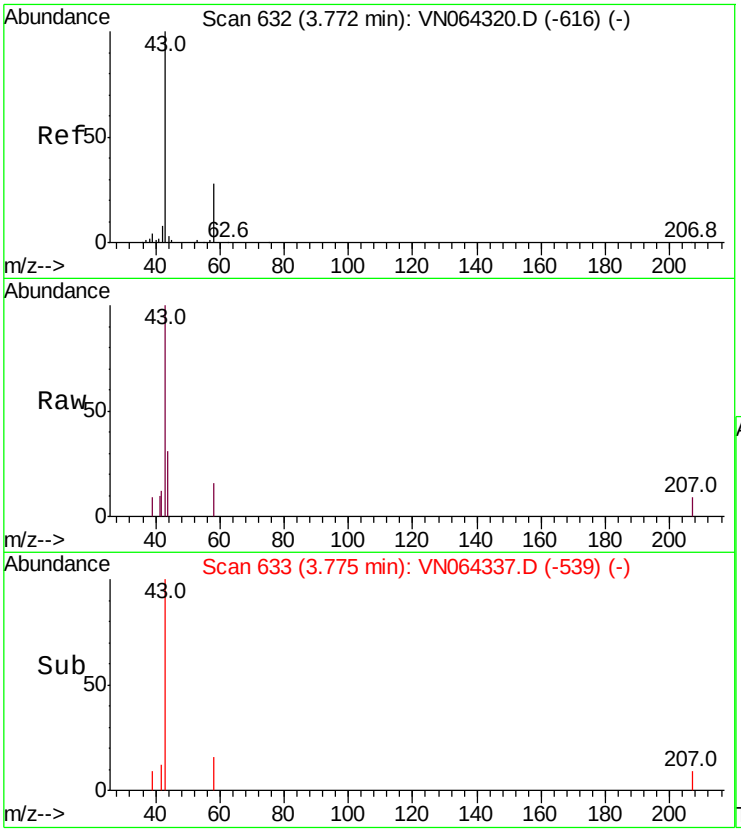


#11
Tert butyl alcohol
Concen: 0.911 ug/l
RT: 4.73 min Scan# 931
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion: 59 Resp: 459

Ion	Ratio	Lower	Upper
59	100		
57	17.4	9.4	14.0#



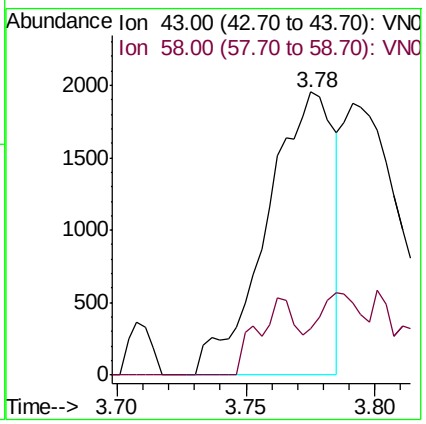


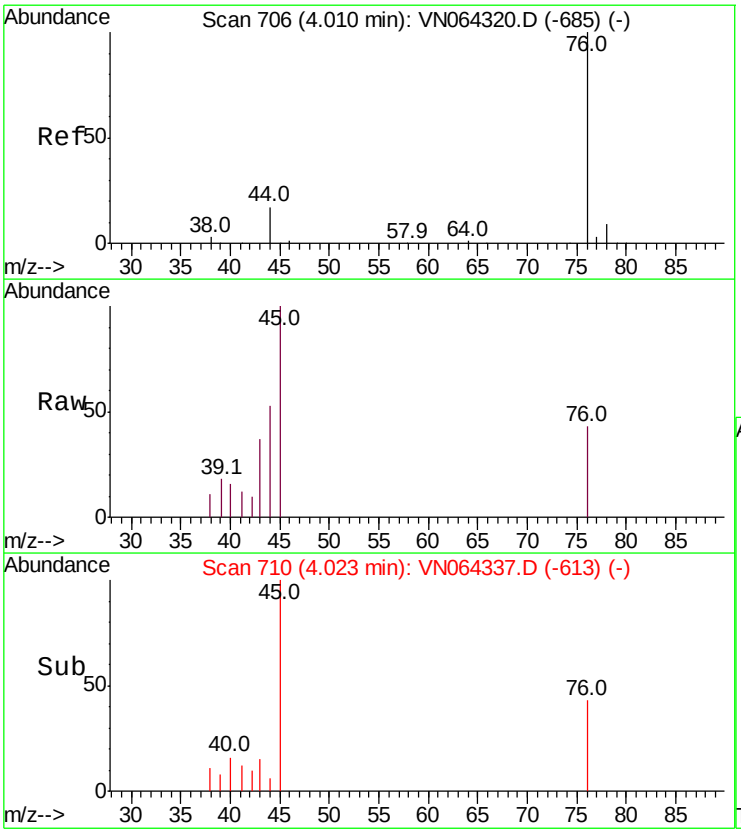
#16
Acetone
Concen: Below Cal
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion: 43 Resp: 3546

Ion	Ratio	Lower	Upper
43	100		
58	16.4	22.1	33.1#

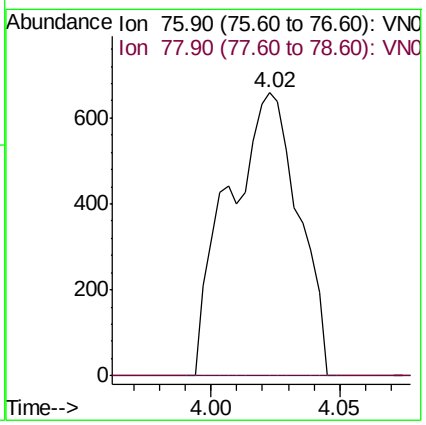


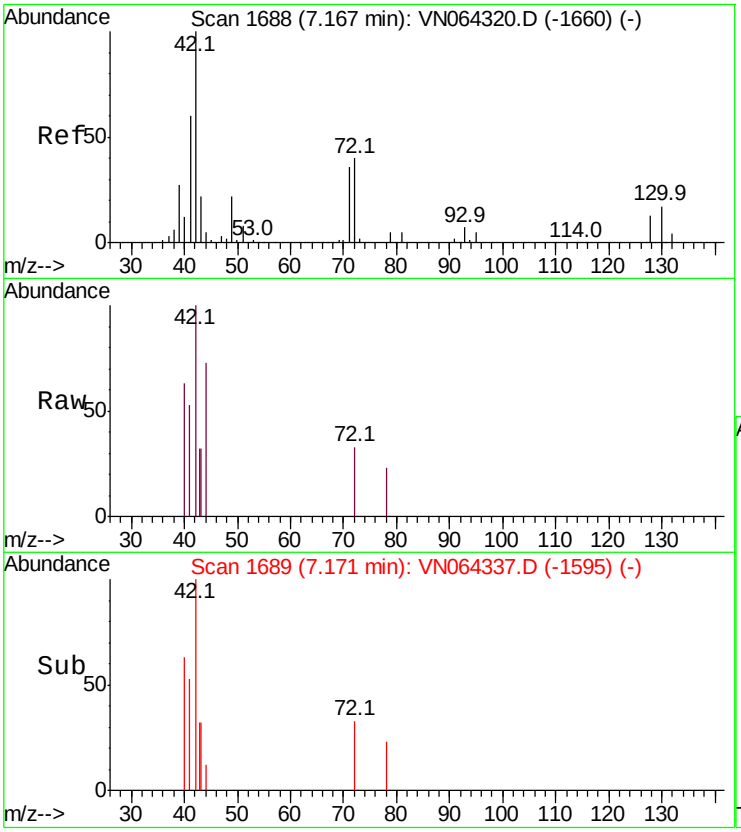


#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.02 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion: 76 Resp: 1247

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



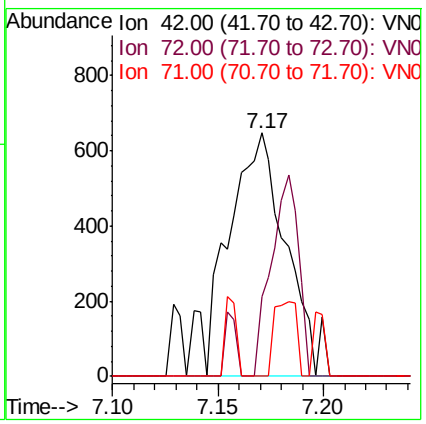


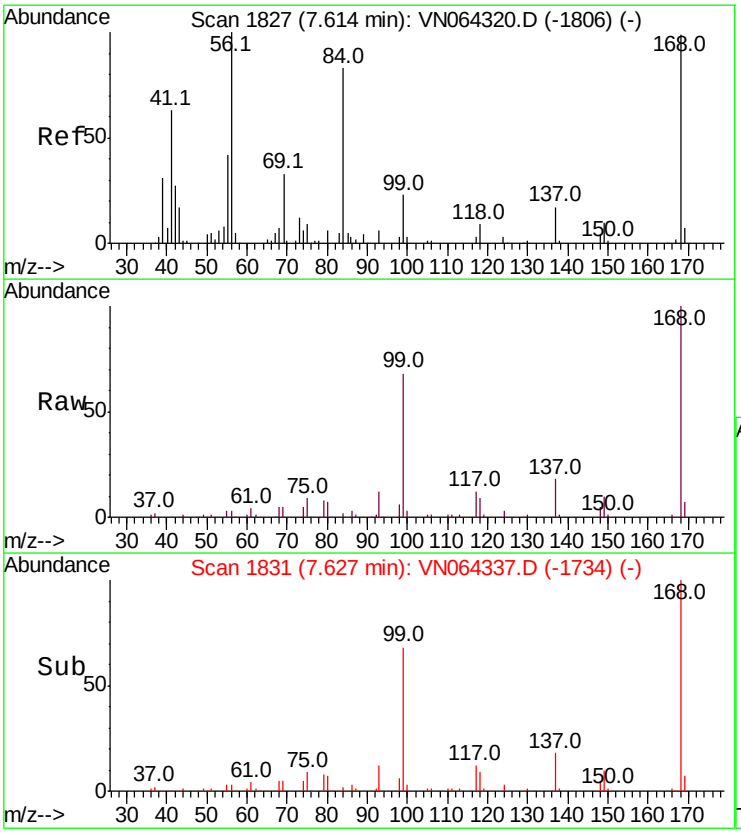
#29
Tetrahydrofuran
Concen: 1.121 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion: 42 Resp: 1268

Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.6	47.4
71	11.7	29.4	44.0#

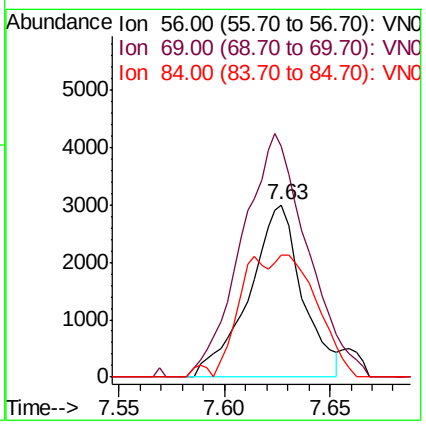


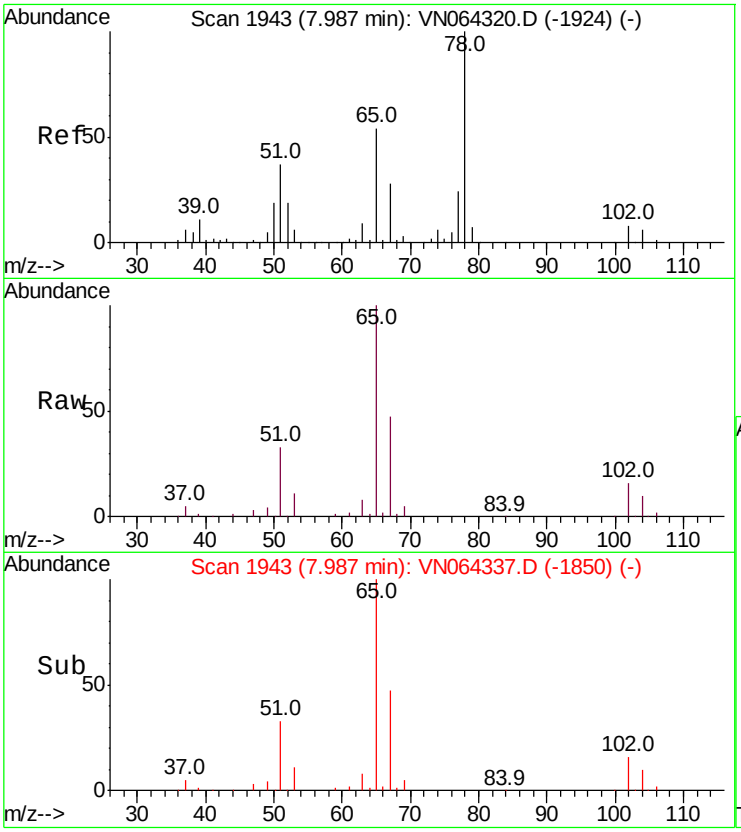


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion: 56 Resp: 5267

Ion	Ratio	Lower	Upper
56	100		
69	133.7	25.8	38.8#
84	71.2	66.3	99.5



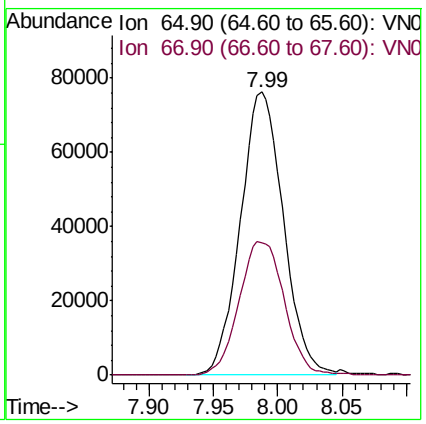


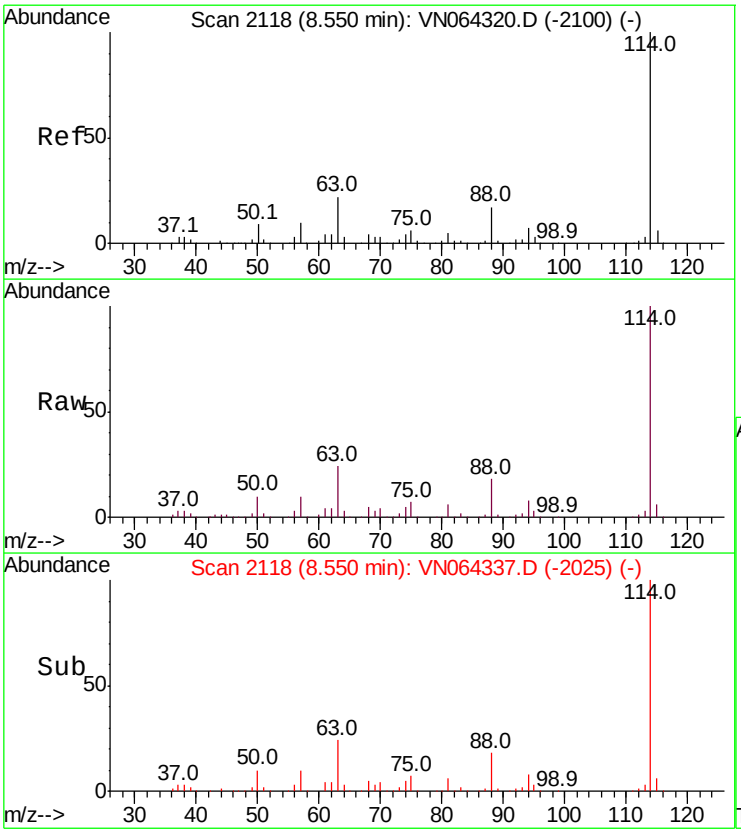
#33
1,2-Dichloroethane-d4
Concen: 51.146 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion: 65 Resp: 177436

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.2

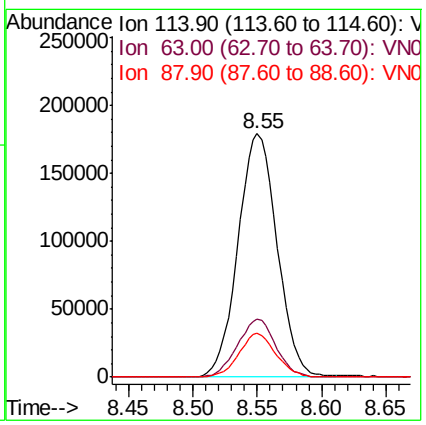


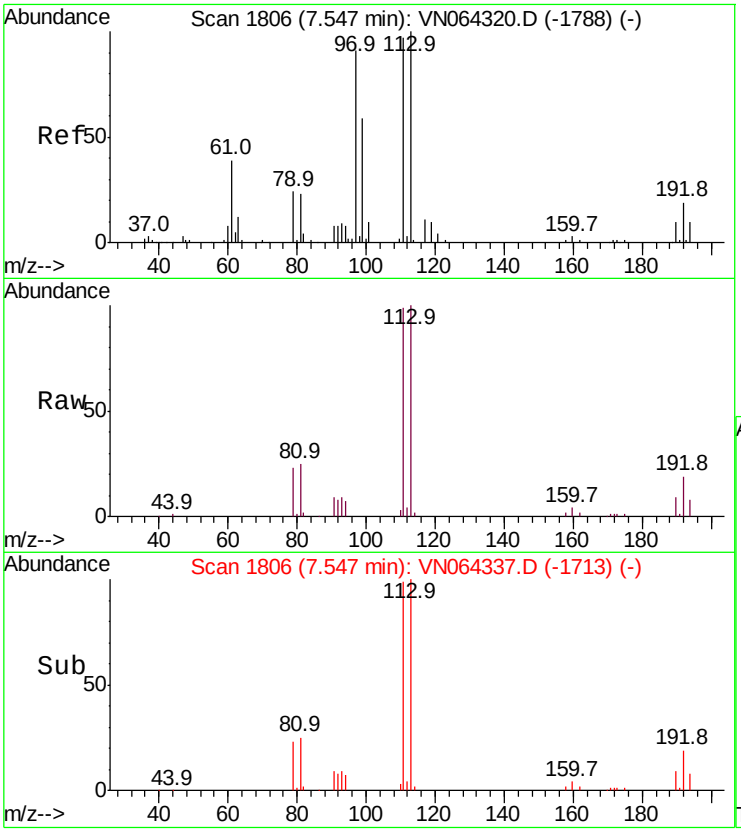


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion:114 Resp: 378250

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	44.6
88	17.8	0.0	33.4



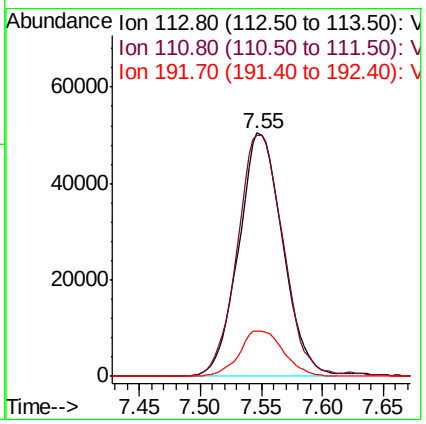


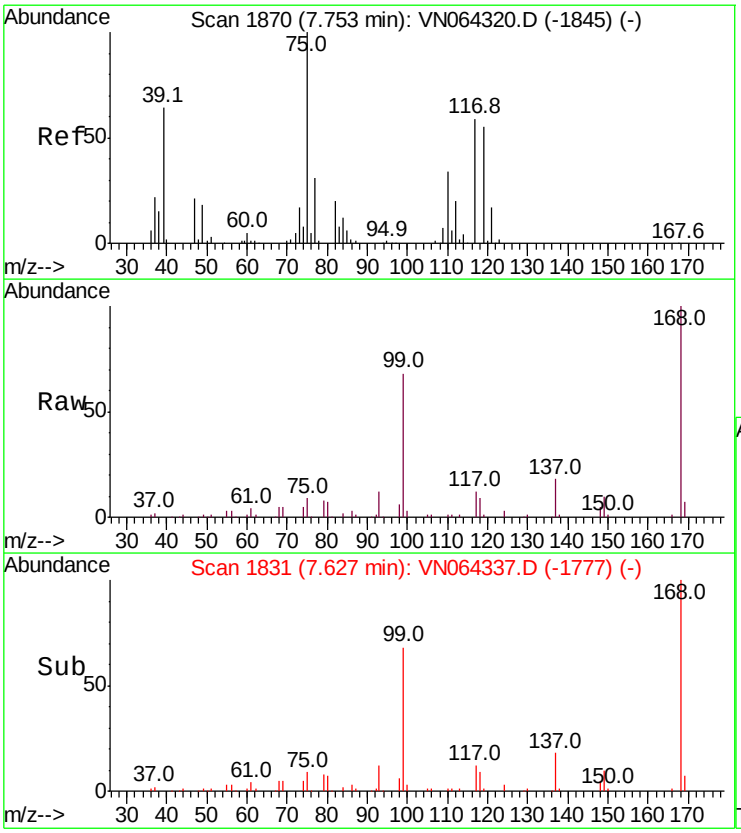
#35
Dibromofluoromethane
Concen: 49.950 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion:113 Resp: 125997

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	18.8	15.0	22.4

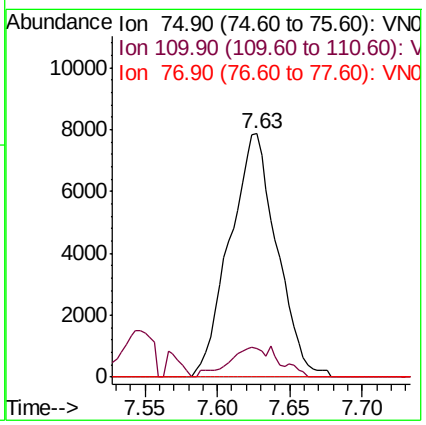


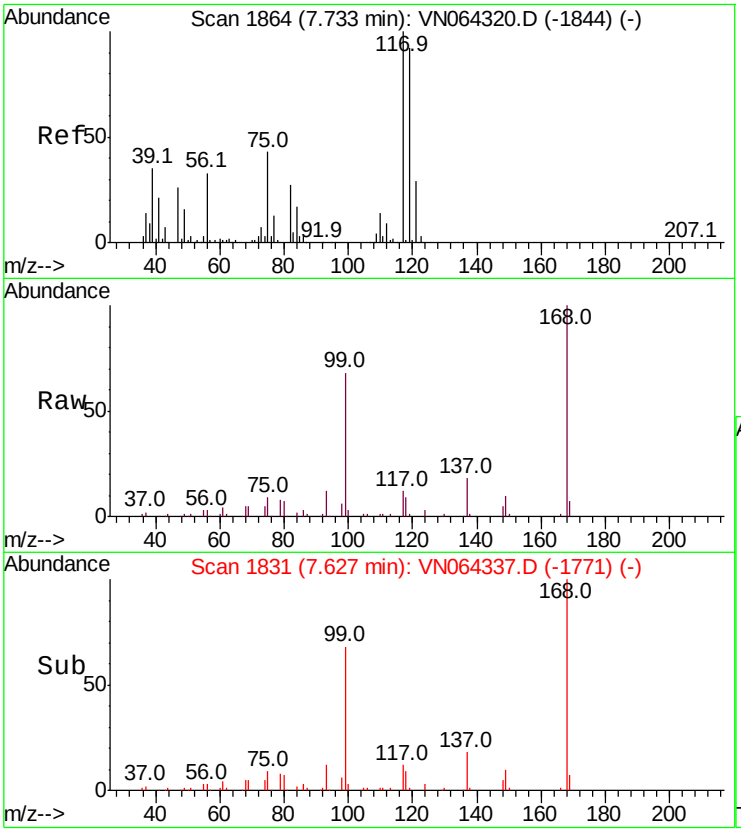


#36
1,1-Dichloropropene
Concen: 4.660 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion: 75 Resp: 17790

Ion	Ratio	Lower	Upper
75	100		
110	12.5	16.8	50.3#
77	0.0	24.2	36.4#



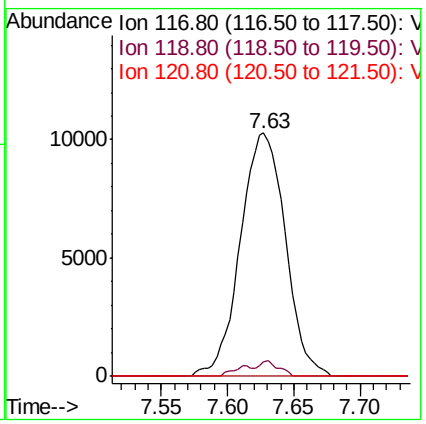


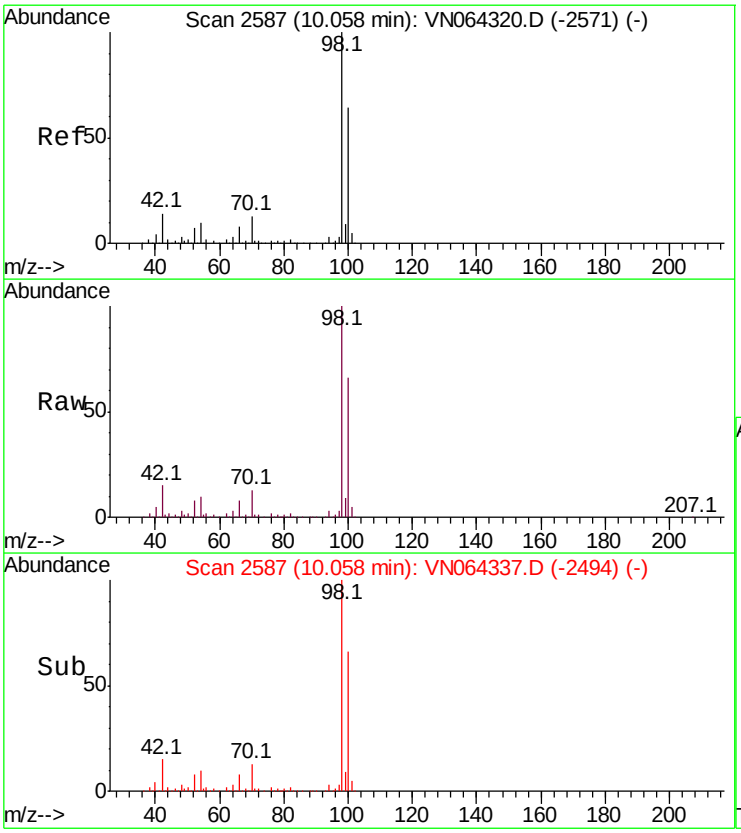
#38
Carbon Tetrachloride
Concen: 5.493 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion:117 Resp: 24312

Ion	Ratio	Lower	Upper
117	100		
119	6.2	73.7	110.5#
121	0.0	22.8	34.2#

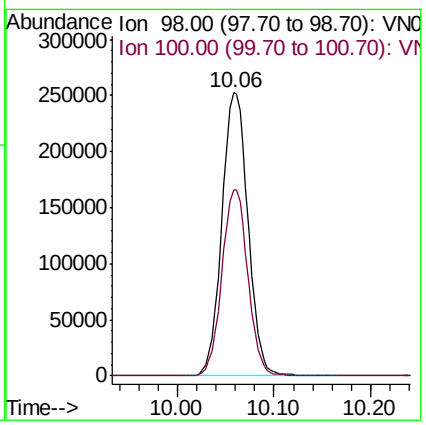


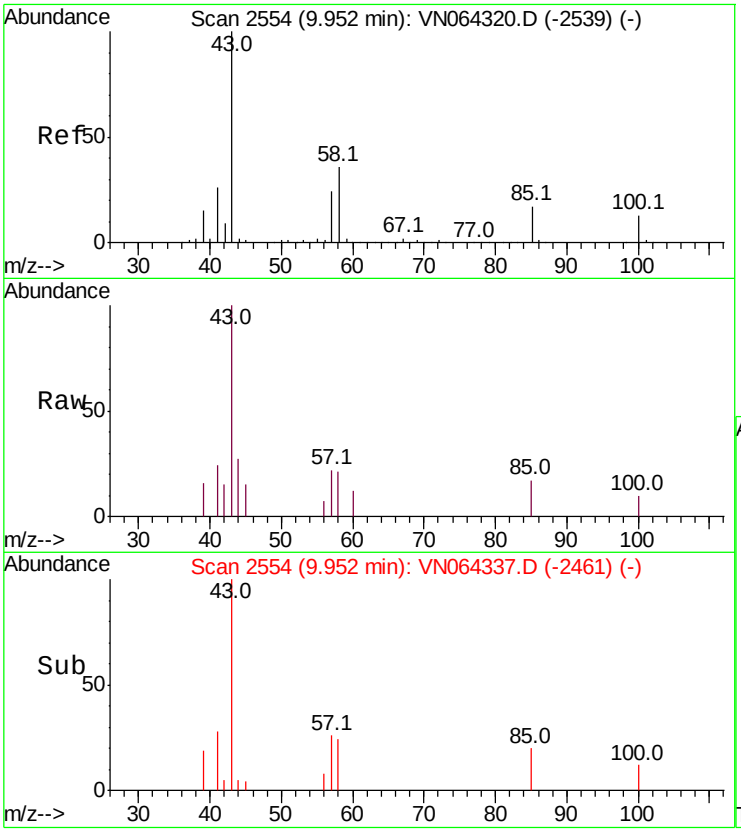


#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion: 98 Resp: 474341

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.9	76.3



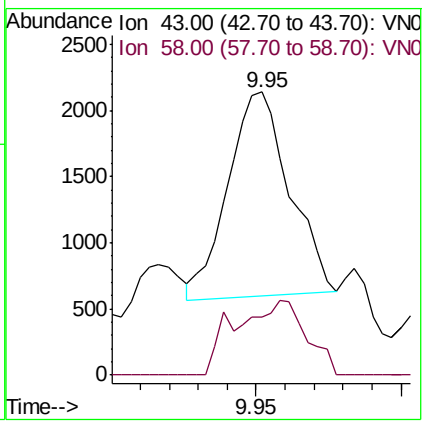


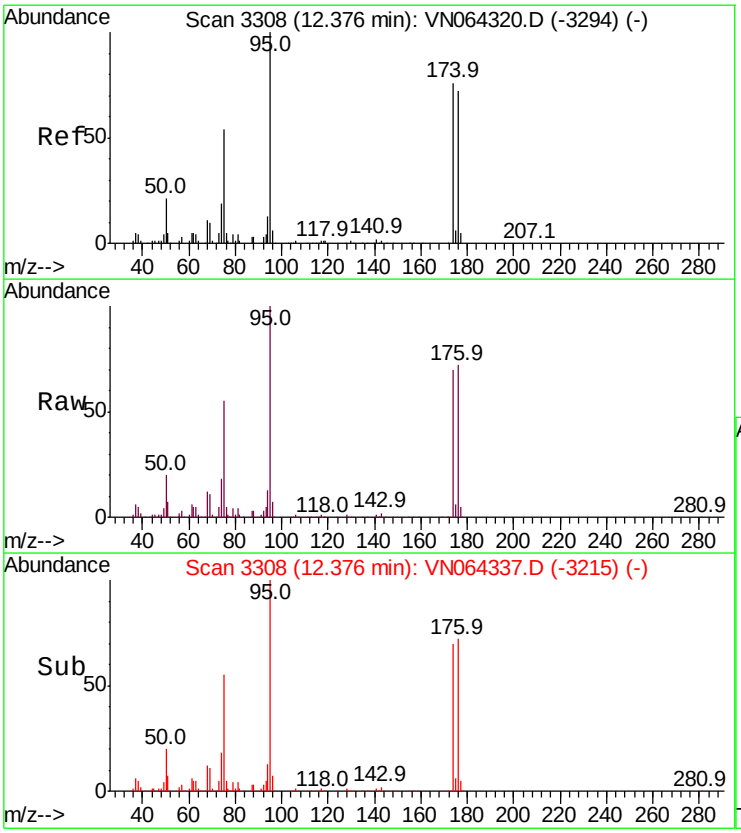
#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion: 43 Resp: 2277

Ion	Ratio	Lower	Upper
43	100		
58	41.6	28.6	42.8

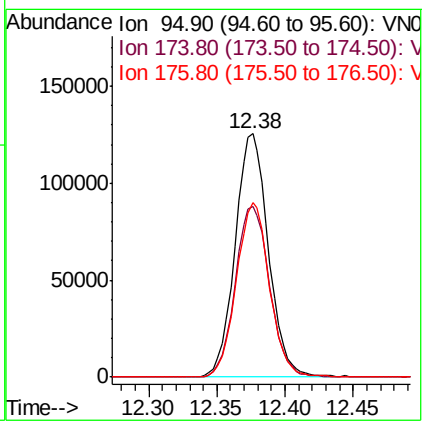


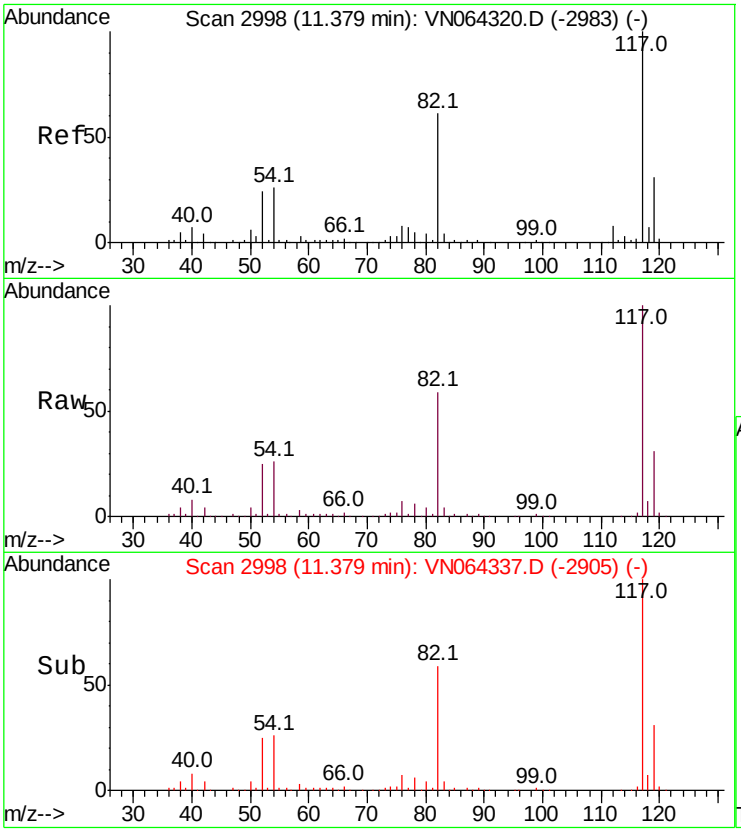


#62
4-Bromofluorobenzene
Concen: 58.340 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion: 95 Resp: 212229

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	147.4
176	71.4	0.0	143.6



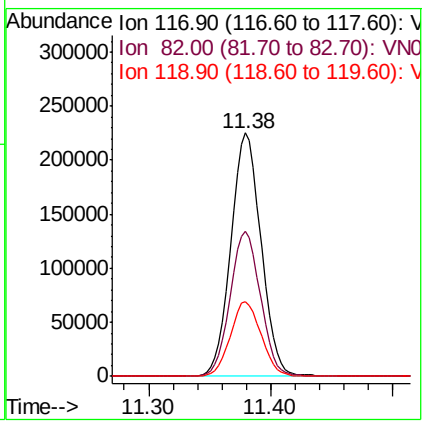


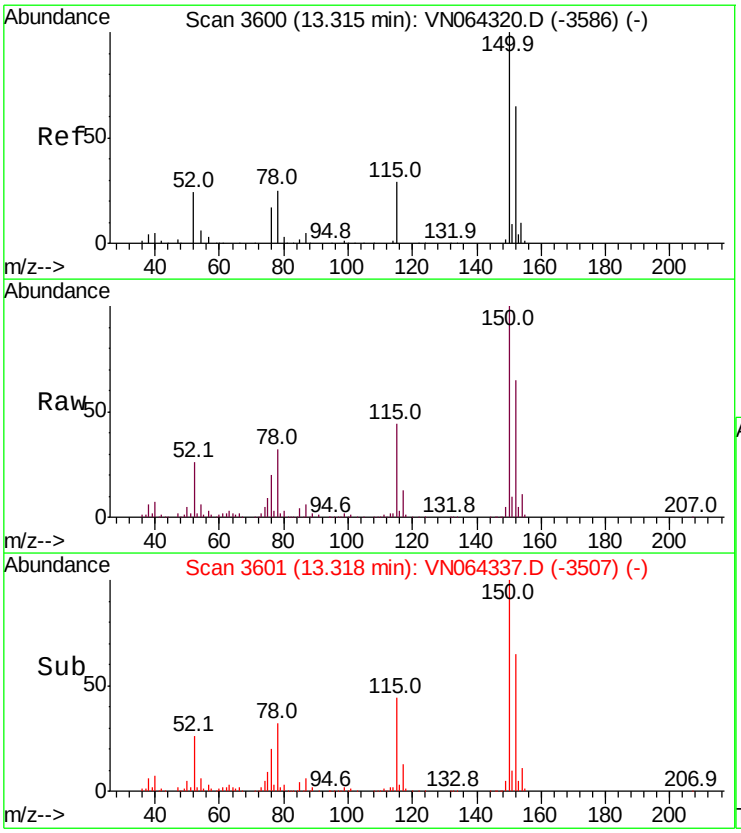
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion:117 Resp: 387667

Ion	Ratio	Lower	Upper
117	100		
82	59.3	48.8	73.2
119	30.7	25.1	37.7

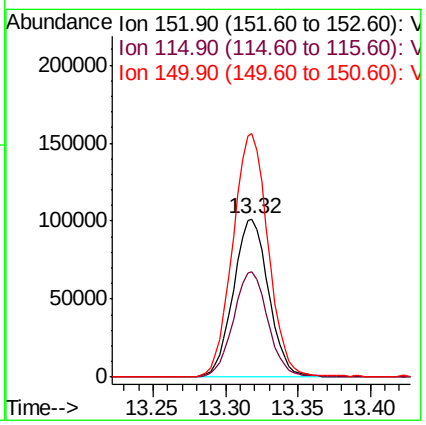


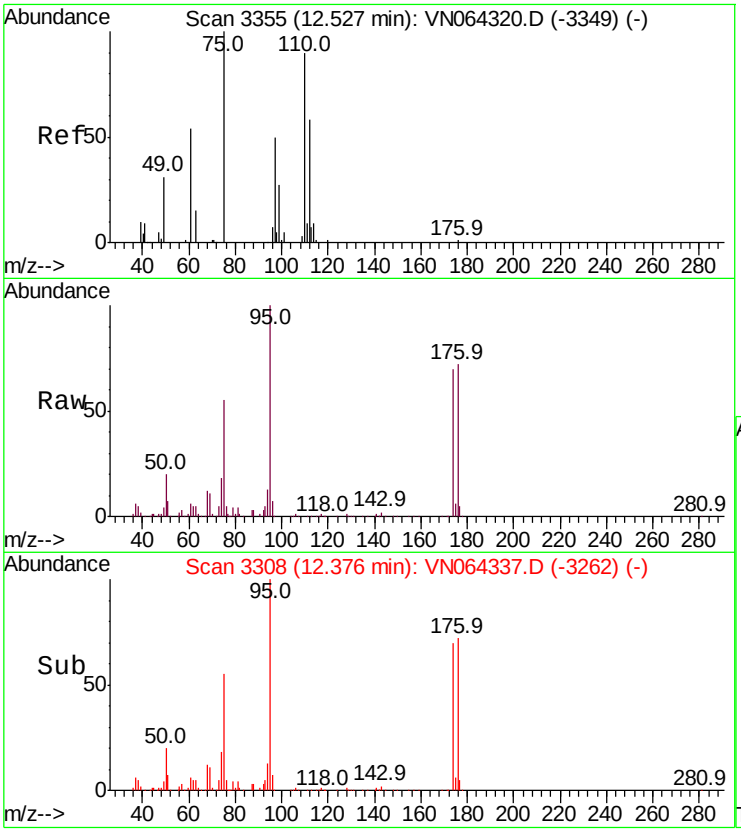


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion:152 Resp: 171133

Ion	Ratio	Lower	Upper
152	100		
115	66.0	31.5	94.5
150	155.4	0.0	346.2



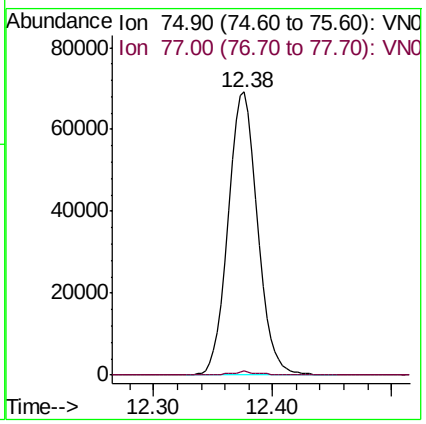


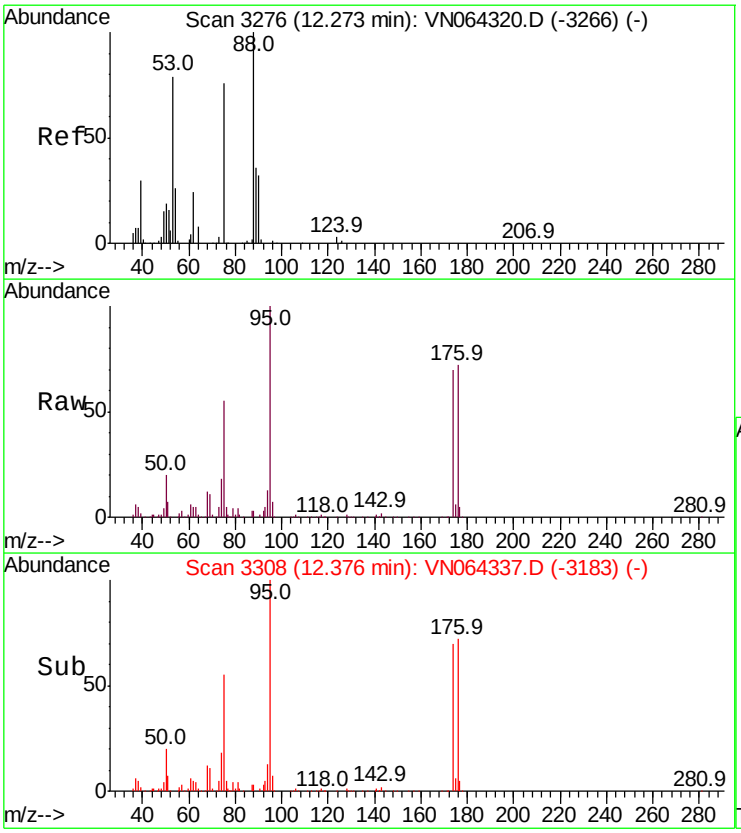
#76
1,2,3-Trichloropropane
Concen: 28.921 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion: 75 Resp: 118524

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

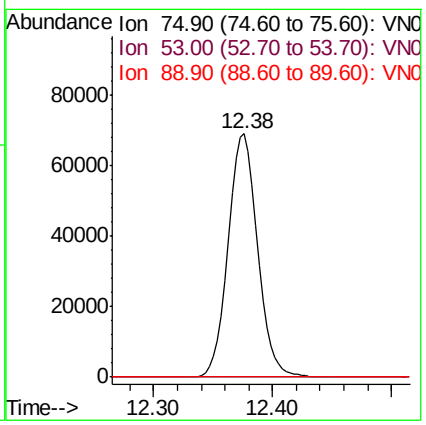


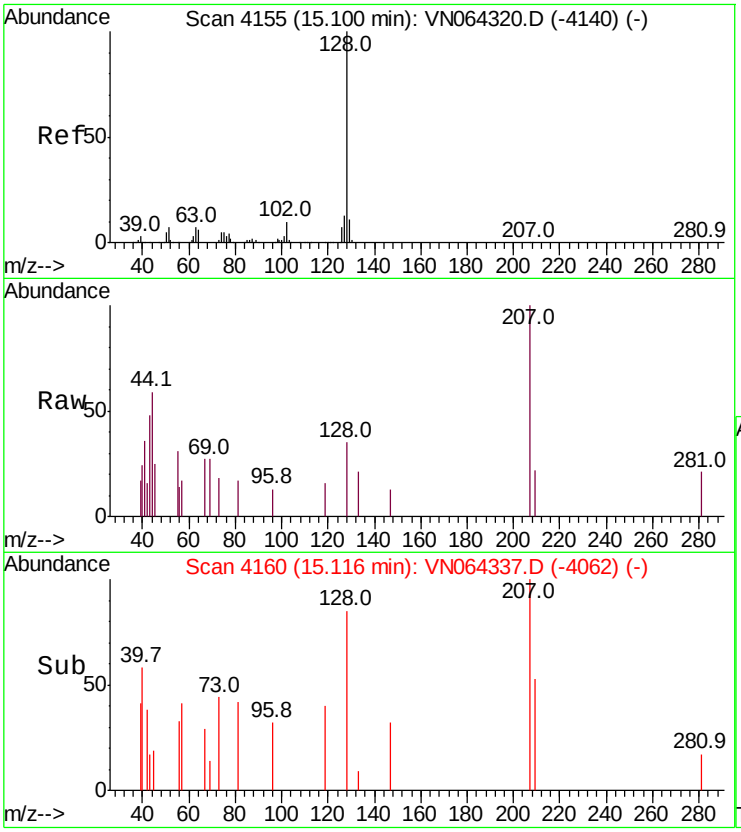


#81
trans-1,4-Dichloro-2-butene
Concen: 83.308 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Tgt Ion: 75 Resp: 118524

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.8	122.8#
89	0.0	39.9	59.9#





#95
Naphthalene
Concen: 2.447 ug/l
RT: 15.12 min Scan# 4160
Delta R.T. 0.02 min
Lab File: VN064337.D
Acq: 27 Oct 2020 19:37

Instrument :
MSVOA_N
ClientSampleId :
PS-FRAC

Tgt Ion:128 Resp: 550

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.6	13.0#