Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063787.D
Acq On : 1 Oct 2020 21:21
Operator : JC/MD
Sample : PB132009ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Quant Time: Oct 02 02:17:39 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	209789	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	405204	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	420285	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173653	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	186617	53.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.68%				
35) Dibromofluoromethane	7.55	113	134451	47.82	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.64%				
50) Toluene-d8	10.06	98	522055	48.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.96%				
62) 4-Bromofluorobenzene	12.38	95	206586	51.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.12%				
Target Compounds							Qvalue
16) Acetone	3.78	43	22618	21.200	ug/l		94
17) Carbon Disulfide	4.02	76	168	0.730	ug/l	#	76
18) Methyl Acetate	4.30	43	5049	1.823	ug/l	#	76
20) Methylene Chloride	4.51	84	8049	3.385	ug/l	#	92
25) 2-Butanone	6.79	43	1291	0.853	ug/l		98
31) Cyclohexane	7.62	56	6193	1.539	ug/l	#	33
36) 1,1-Dichloropropene	7.62	75	19749	4.811	ug/l	#	50
38) Carbon Tetrachloride	7.63	117	23857	5.183	ug/l	#	15
43) Isopropyl Acetate	8.13	43	74675	11.100	ug/l		98
48) Methyl methacrylate	9.23	41	139586	41.997	ug/l	#	47
49) 1,4-Dioxane	9.23	88	33	0.699	ug/l	#	20
51) 4-Methyl-2-Pentanone	9.96	43	7891	1.999	ug/l		96
54) cis-1,3-Dichloropropene	9.87	75	30872	6.117	ug/l	#	67
56) Ethyl methacrylate	10.51	69	2011	0.488	ug/l	#	1
57) 1,3-Dichloropropane	10.74	76	5497	1.117	ug/l	#	43
59) 2-Hexanone	10.74	43	91211	31.101	ug/l	#	54
74) N-amyl acetate	12.01	43	3483	2.781	ug/l	#	50
76) 1,2,3-Trichloropropane	12.38	75	118372	30.923	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.71	105	5283	0.497	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.38	75	118372	89.062	ug/l	#	6
95) Naphthalene	15.10	128	32	1.928	ug/l	#	69

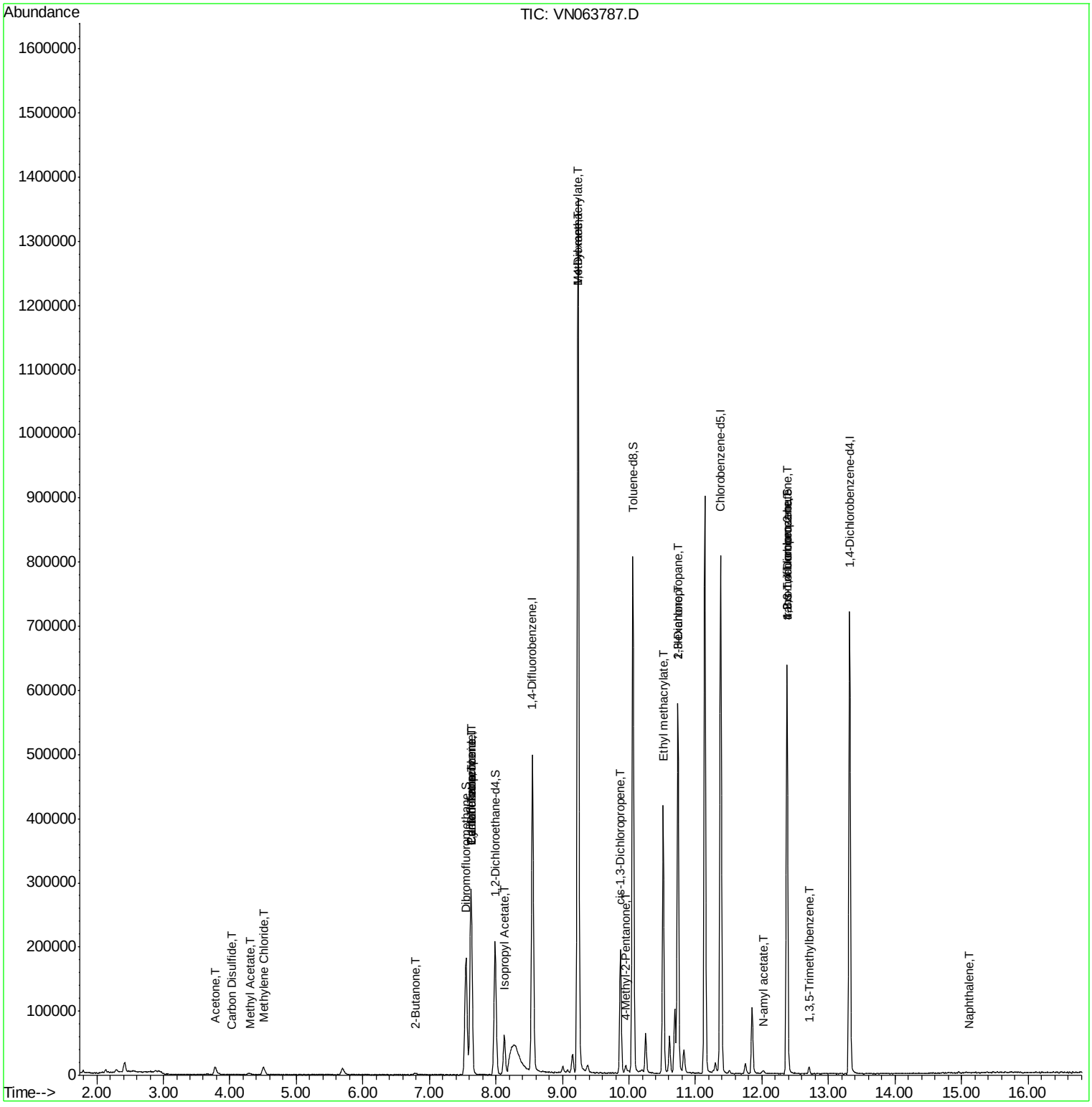
(#) = qualifier out of range (m) = manual integration (+) = signals summed

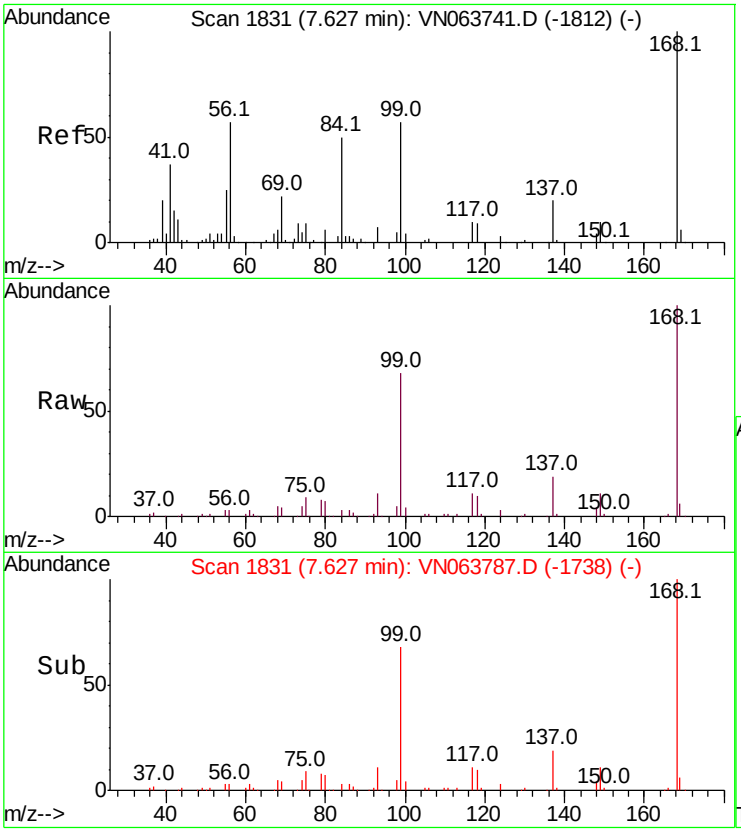
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100120\
Data File : VN063787.D
Acq On : 1 Oct 2020 21:21
Operator : JC/MD
Sample : PB132009ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

Quant Time: Oct 02 02:17:39 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



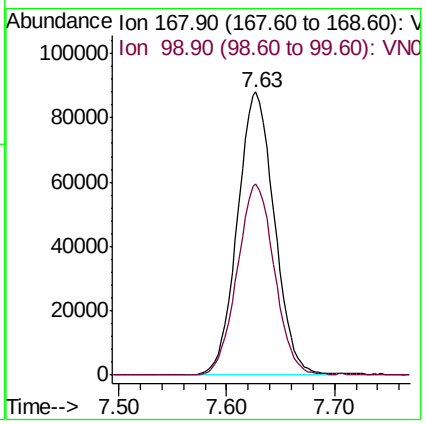


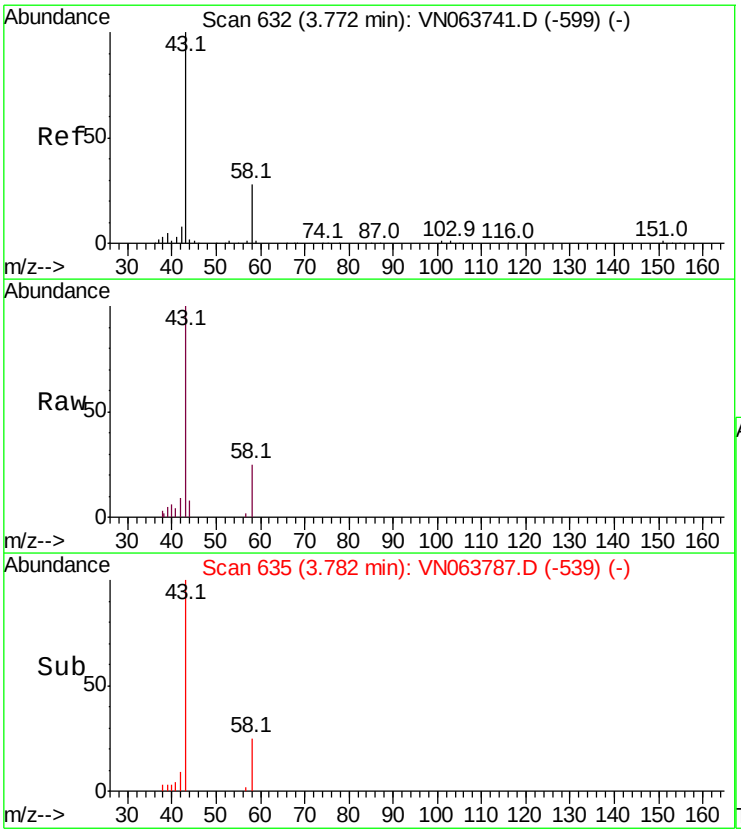
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion:168 Resp: 209789

Ion	Ratio	Lower	Upper
168	100		
99	67.7	51.8	77.6

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

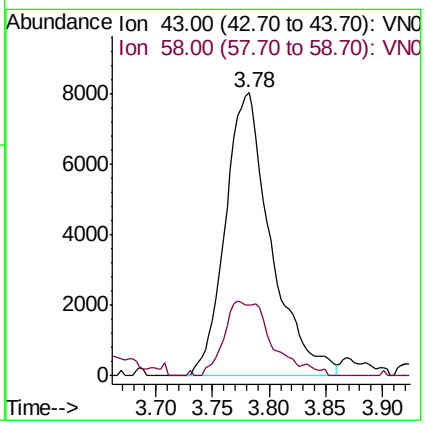


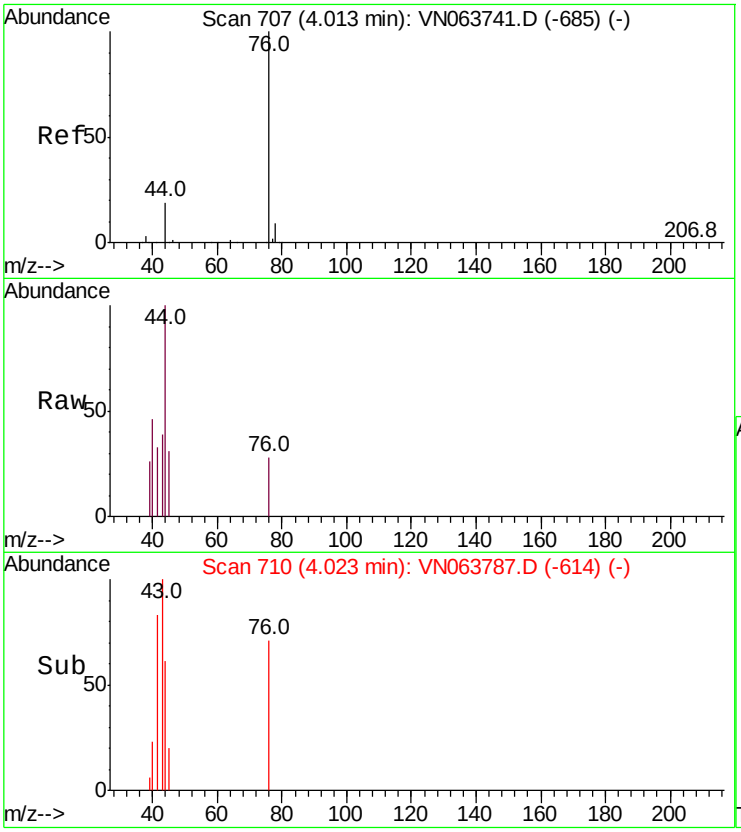


#16
Acetone
Concen: 21.200 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 43 Resp: 22618

Ion	Ratio	Lower	Upper
43	100		
58	24.9	22.3	33.5



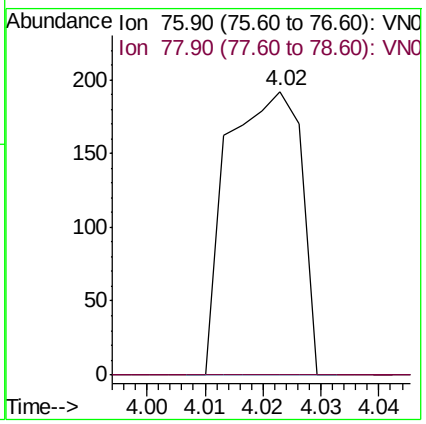


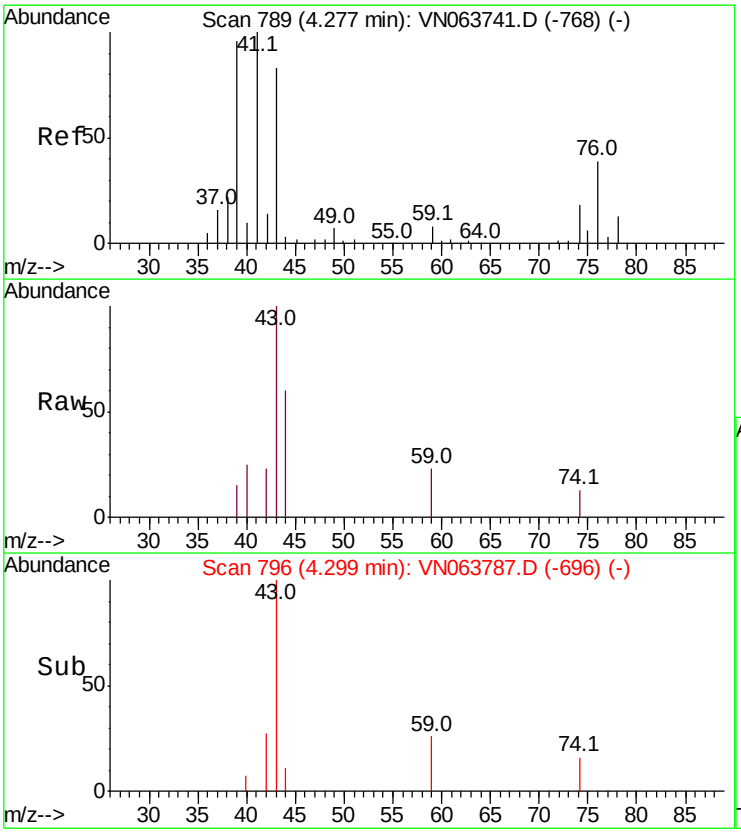
#17
Carbon Disulfide
Concen: 0.730 ug/l
RT: 4.02 min Scan# 710
Delta R.T. 0.01 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion: 76 Resp: 168

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

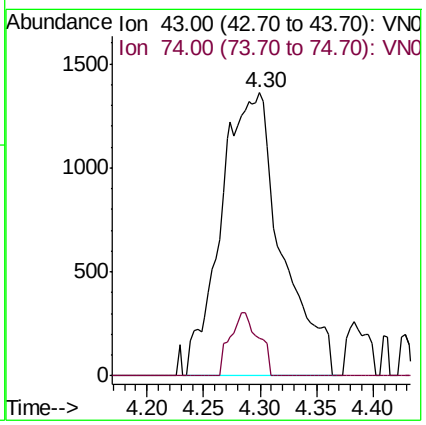


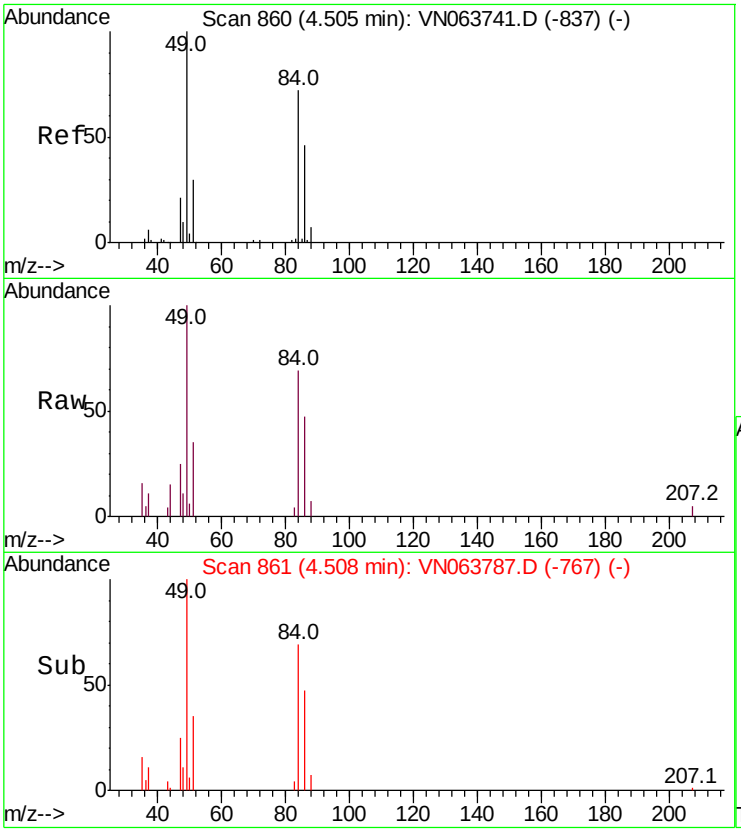


#18
Methyl Acetate
Concen: 1.823 ug/l
RT: 4.30 min Scan# 796
Delta R.T. 0.02 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 43 Resp: 5049

Ion	Ratio	Lower	Upper
43	100		
74	10.5	17.4	26.2#



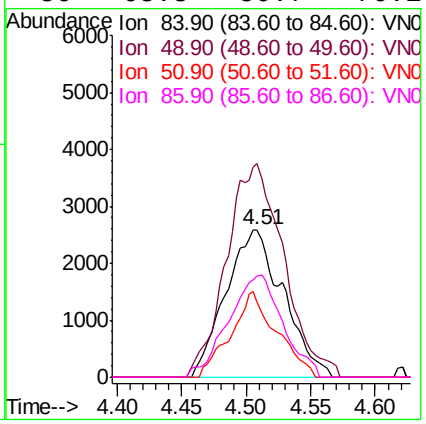


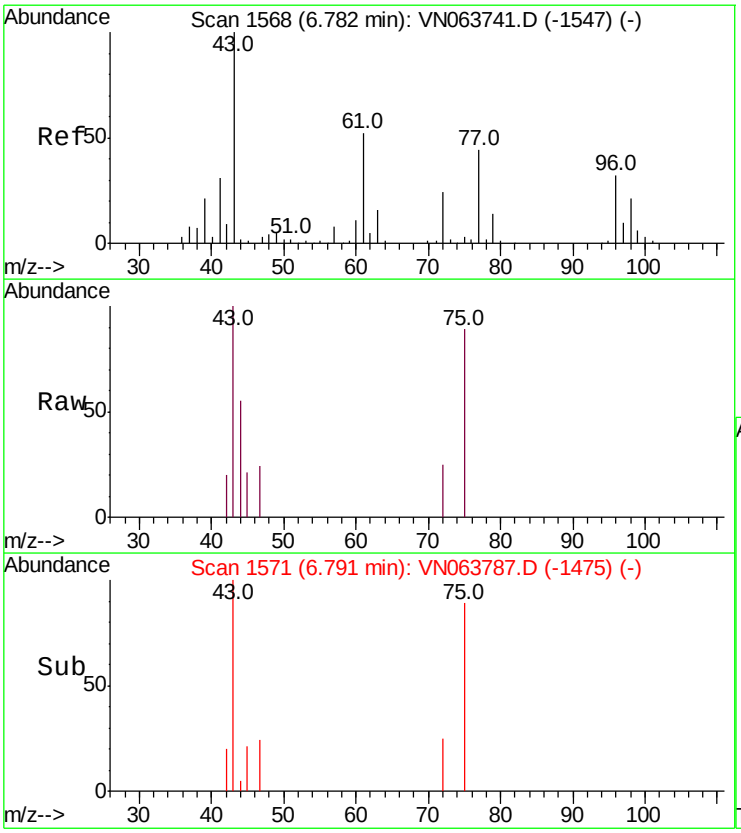
#20
Methylene Chloride
Concen: 3.385 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion: 84 Resp: 8049

Ion	Ratio	Lower	Upper
84	100		
49	144.9	110.4	165.6
51	51.3	33.3	49.9#
86	68.3	50.7	76.1

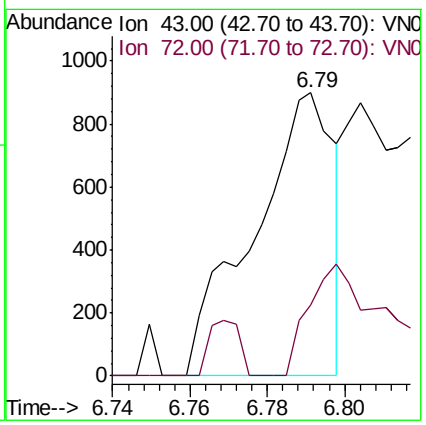


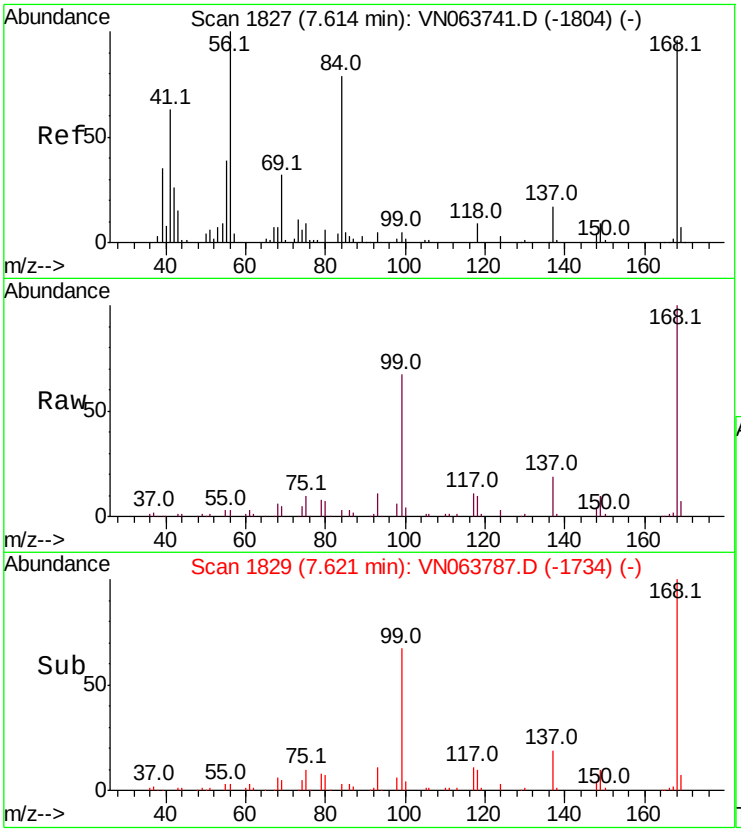


#25
2-Butanone
Concen: 0.853 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 43 Resp: 1291

Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.3	28.9



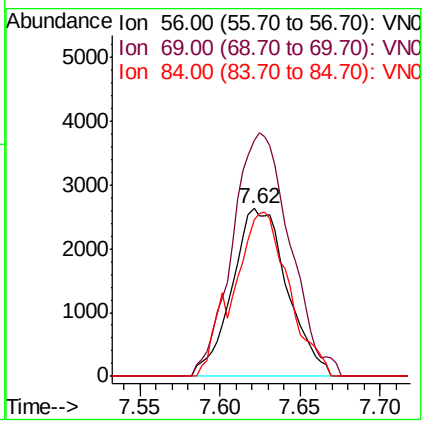


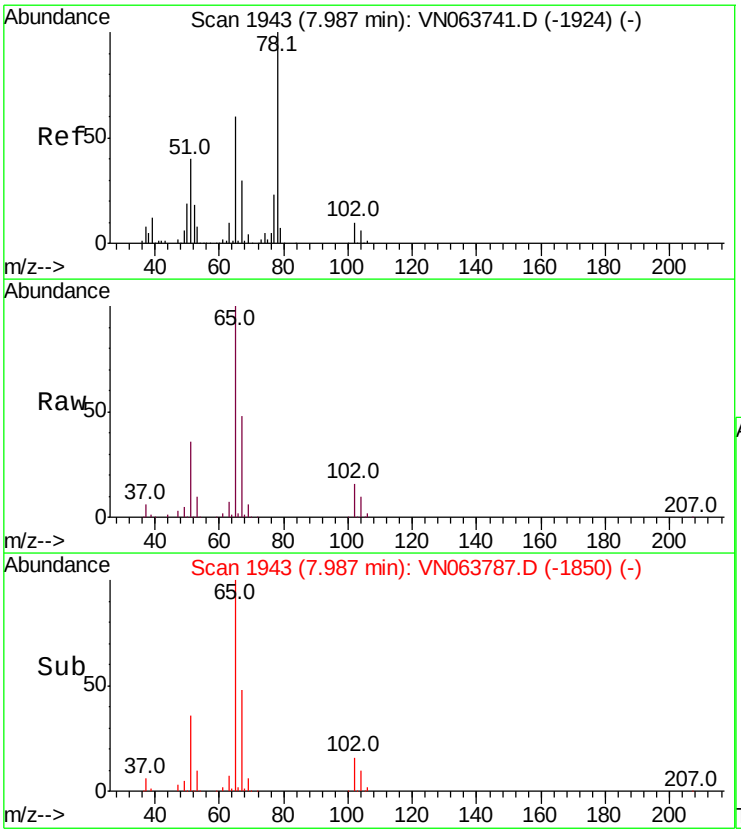
#31
Cyclohexane
Concen: 1.539 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion: 56 Resp: 6193

Ion	Ratio	Lower	Upper
56	100		
69	140.5	25.4	38.2#
84	92.9	63.3	94.9

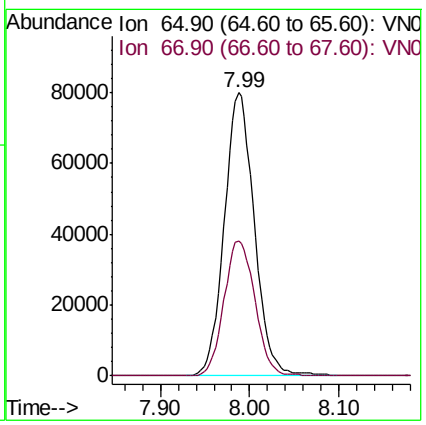


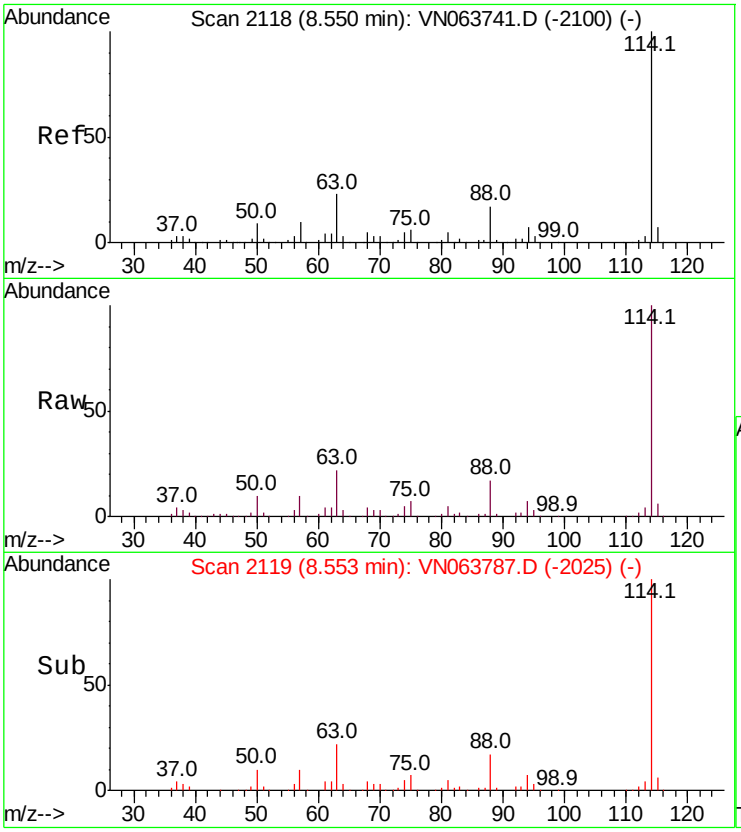


#33
1,2-Dichloroethane-d4
Concen: 53.844 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 65 Resp: 186617

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.6



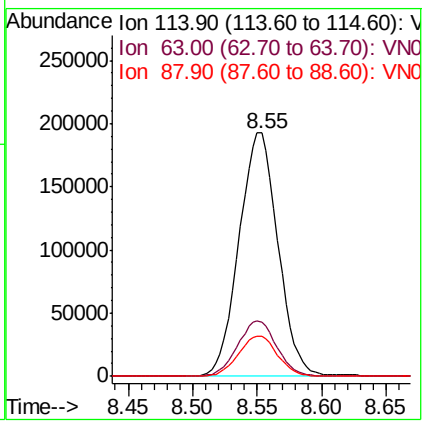


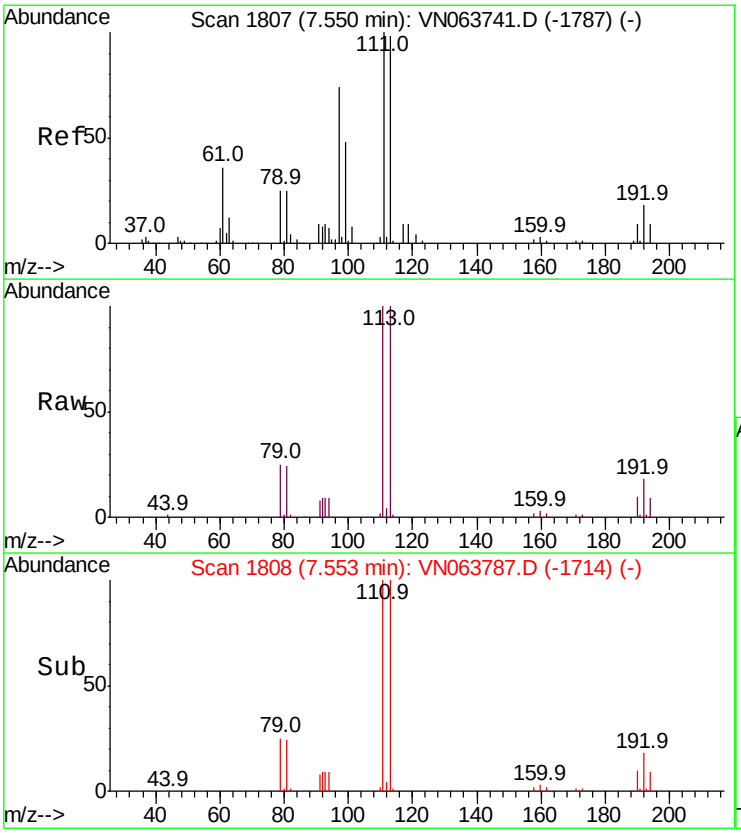
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

Tgt Ion:114 Resp: 405204

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.0
88	16.6	0.0	34.0

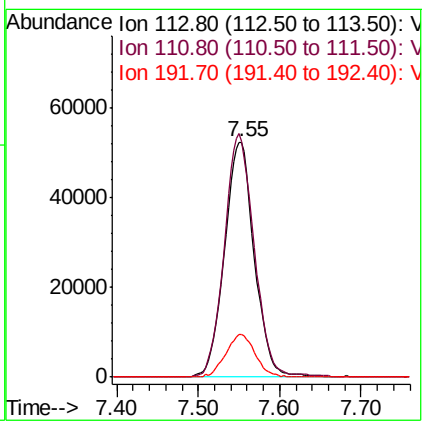


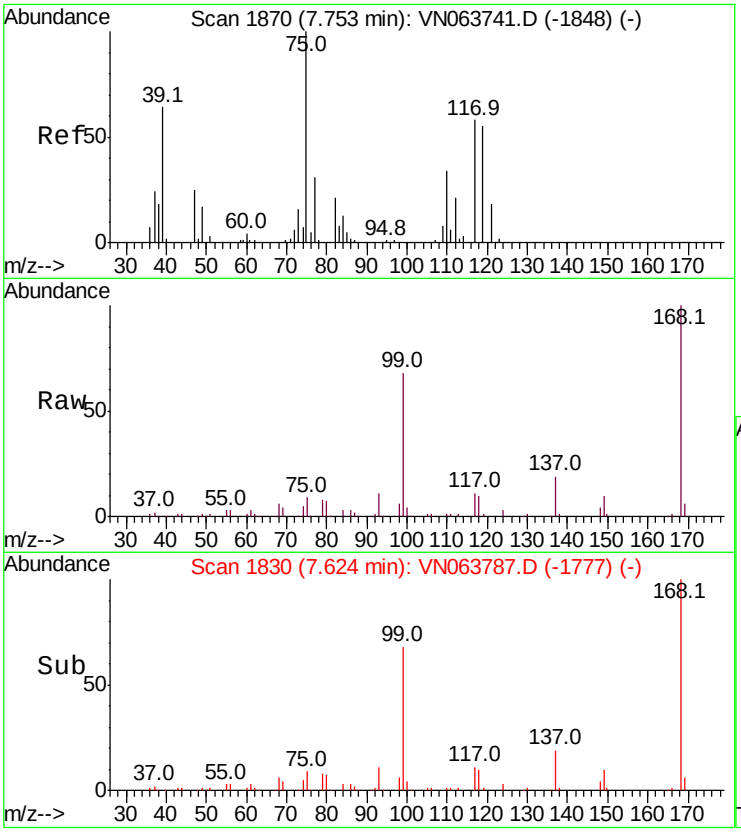


#35
Dibromofluoromethane
Concen: 47.820 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion:113 Resp: 134451

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	17.8	14.2	21.2



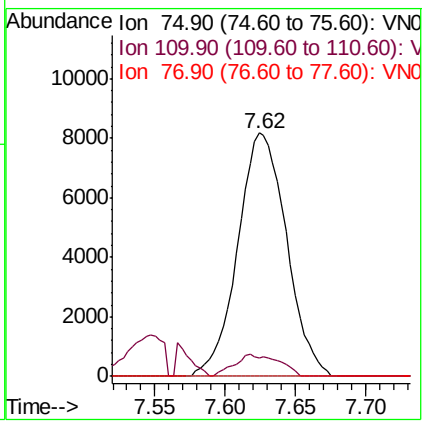


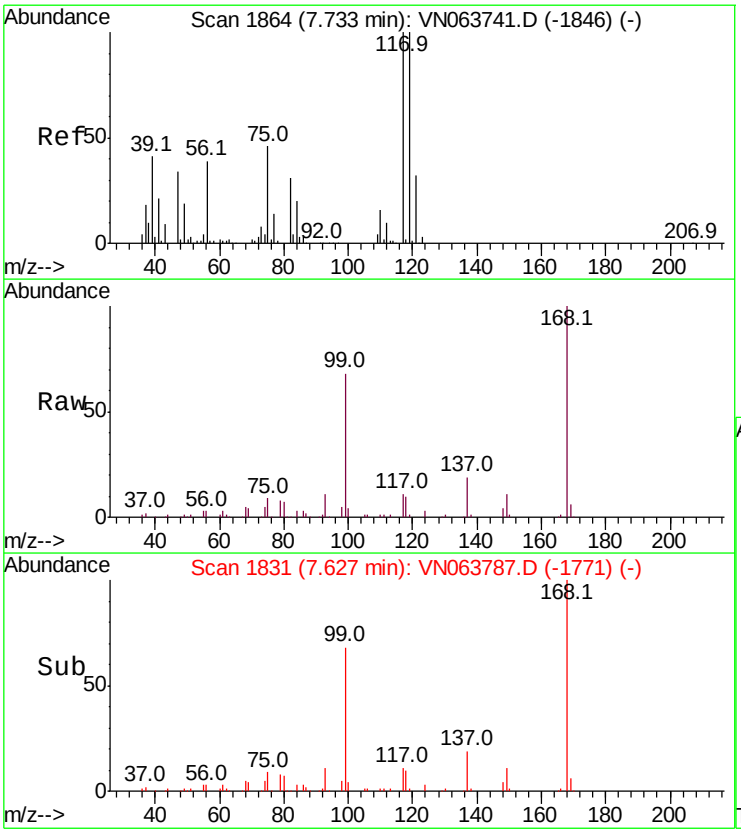
#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

Tgt Ion: 75 Resp: 19749

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.9	50.6#
77	0.0	24.5	36.7#

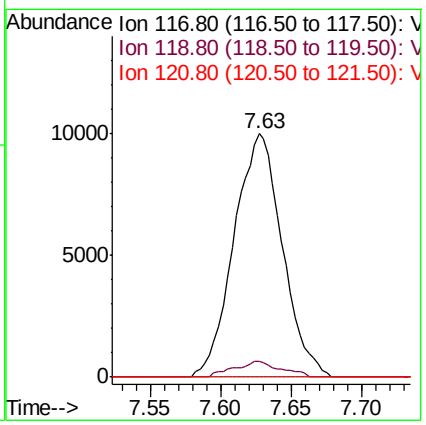


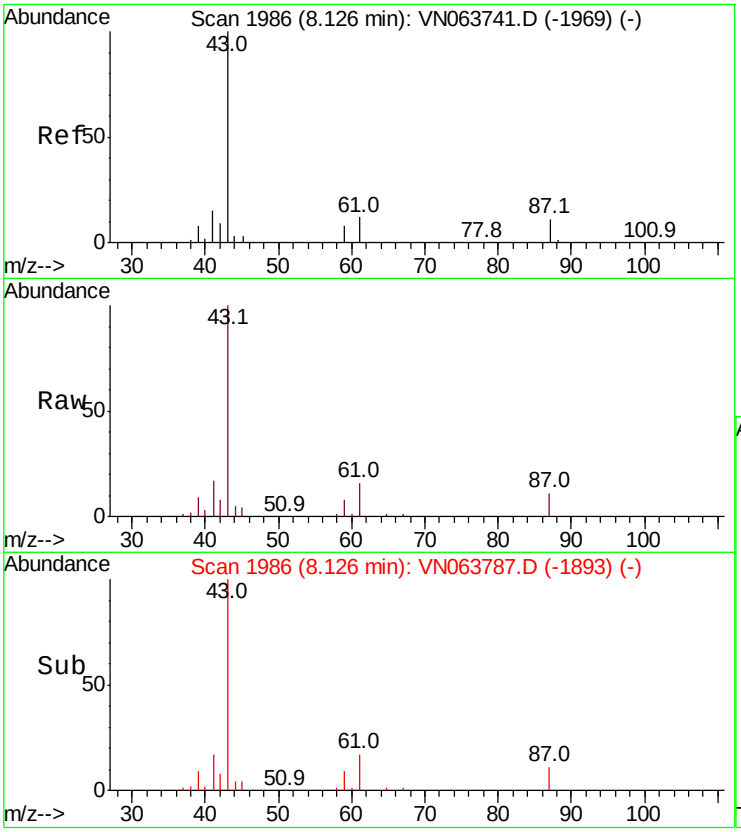


#38
Carbon Tetrachloride
Concen: 5.183 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion:117 Resp: 23857

Ion	Ratio	Lower	Upper
117	100		
119	6.5	80.1	120.1#
121	0.0	25.7	38.5#



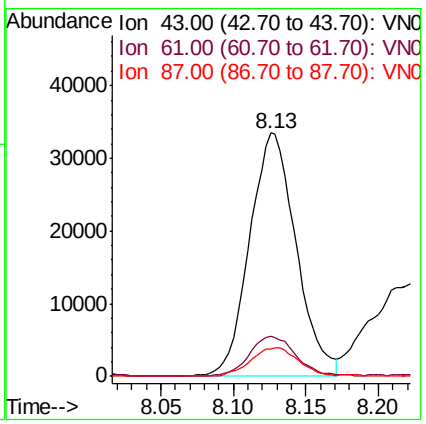


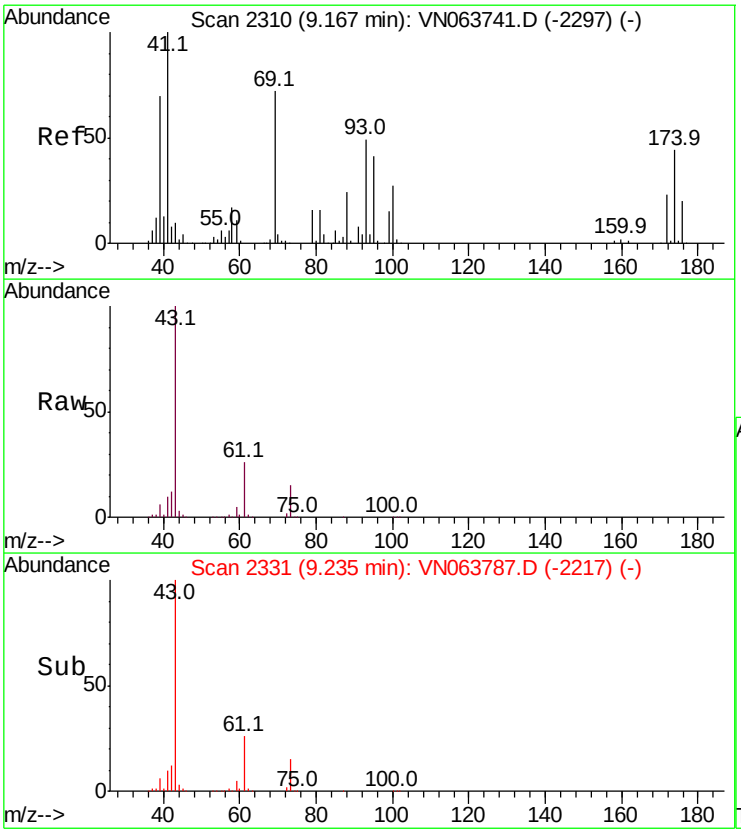
#43
Isopropyl Acetate
Concen: 11.100 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion: 43 Resp: 74675

Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.2	21.4
87	11.9	9.0	13.6

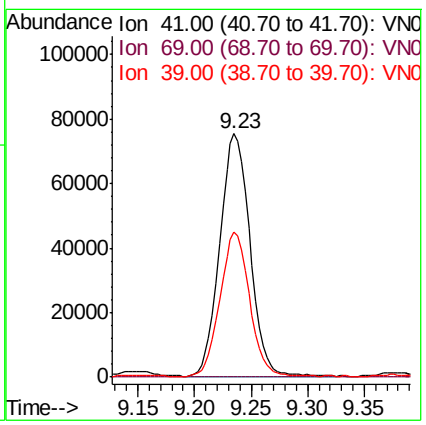


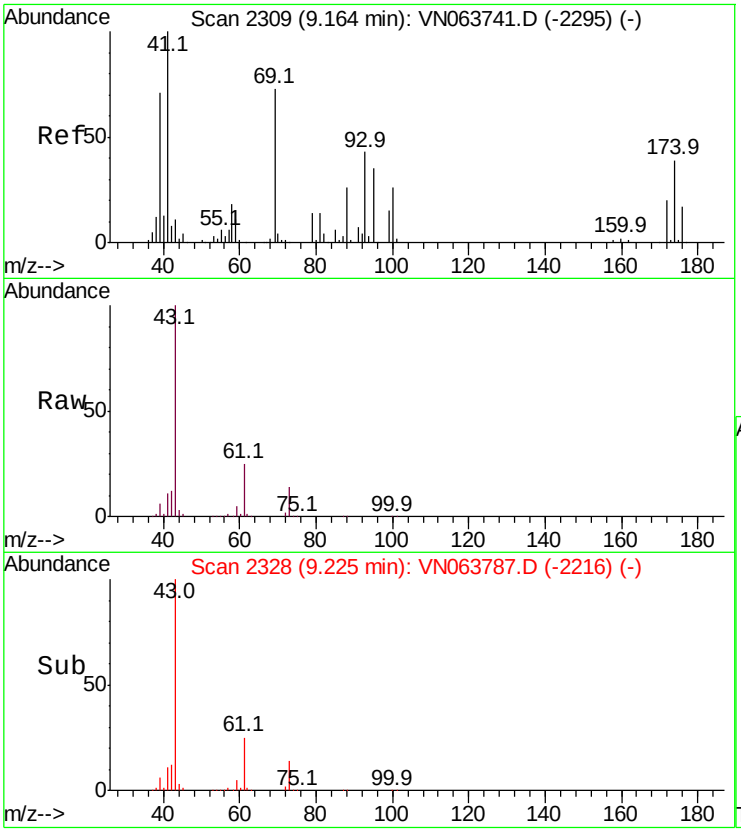


#48
Methyl methacrylate
Concen: 41.997 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 41 Resp: 139586

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.9	91.3#
39	58.4	57.5	86.3



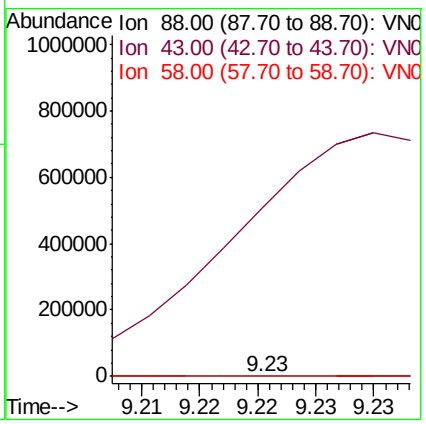


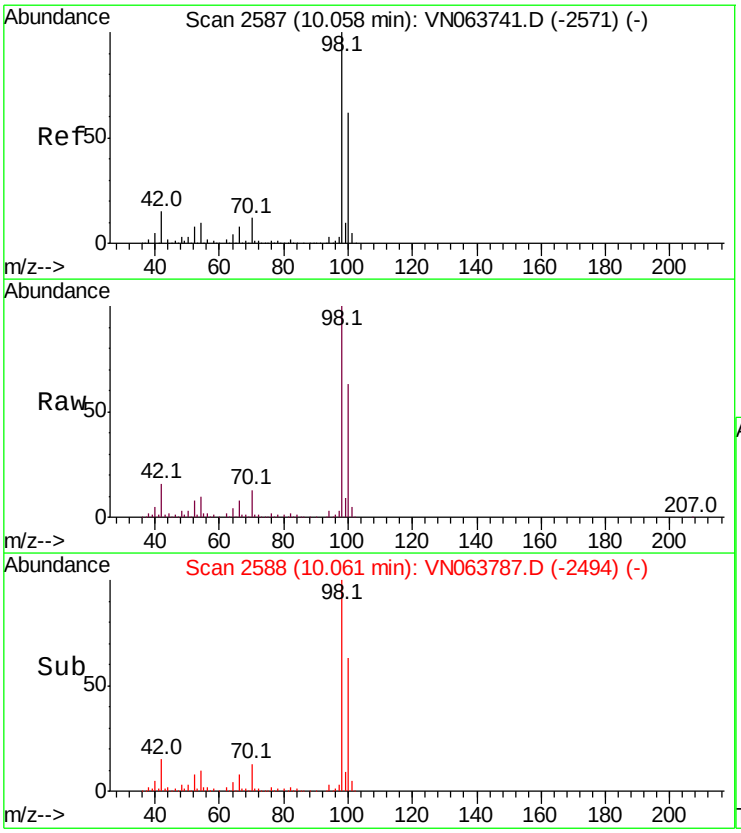
#49
1,4-Dioxane
Concen: 0.699 ug/l
RT: 9.23 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion: 88 Resp: 33

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

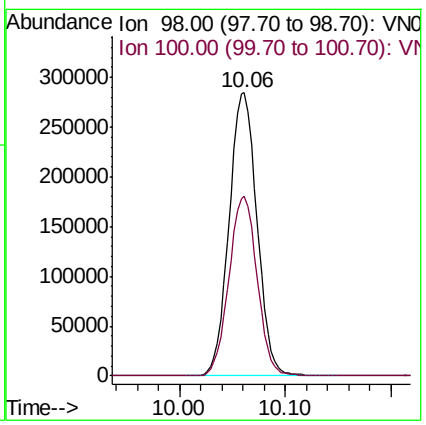


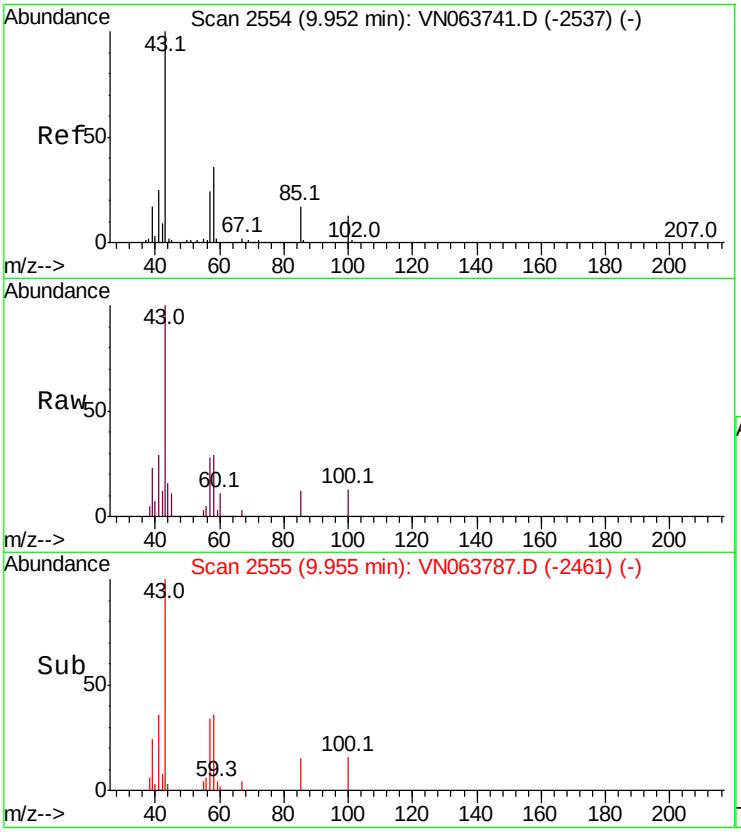


#50
Toluene-d8
Concen: 48.980 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 98 Resp: 522055

Ion	Ratio	Lower	Upper
98	100		
100	63.9	49.8	74.6



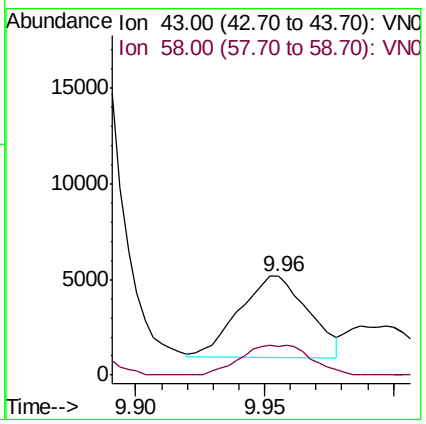


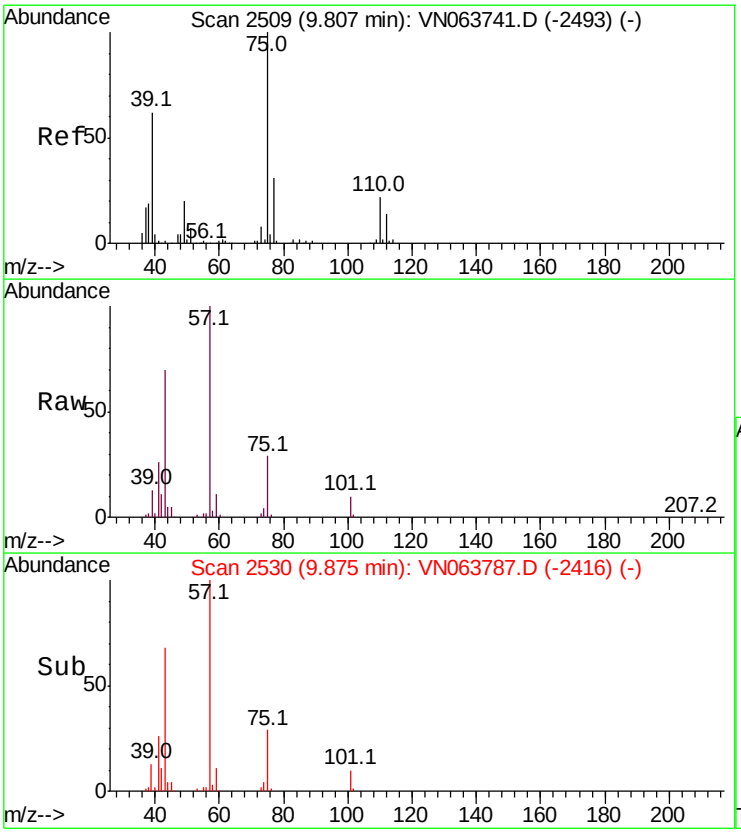
#51
4-Methyl-2-Pentanone
Concen: 1.999 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

Tgt Ion: 43 Resp: 7891

Ion	Ratio	Lower	Upper
43	100		
58	38.0	28.4	42.6

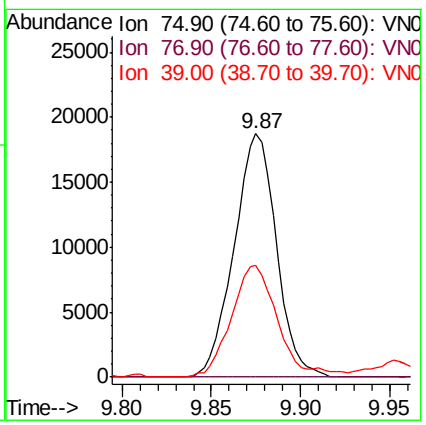


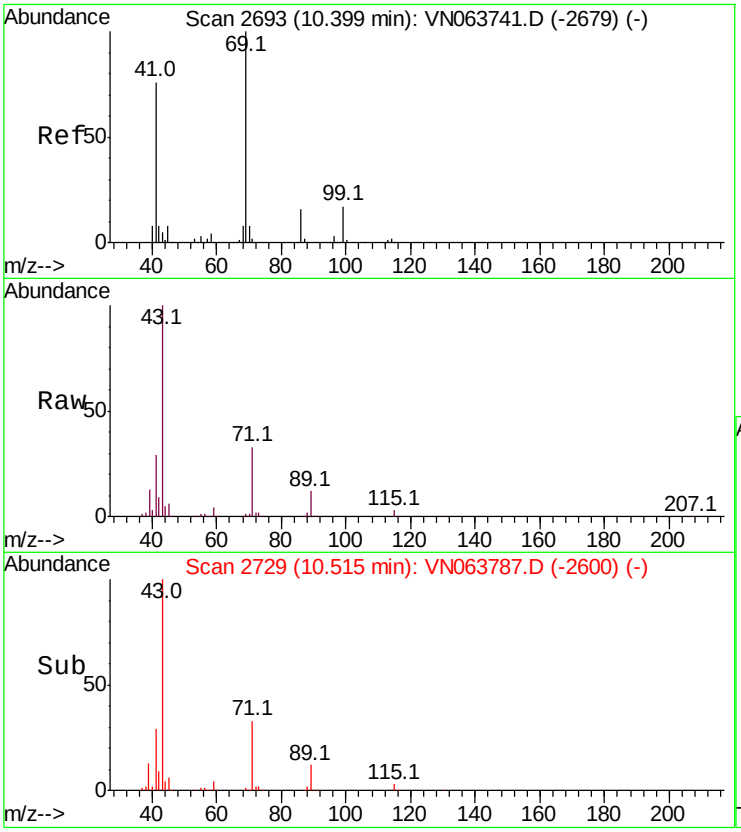


#54
cis-1,3-Dichloropropene
Concen: 6.117 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 75 Resp: 30872

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	45.8	49.7	74.5#



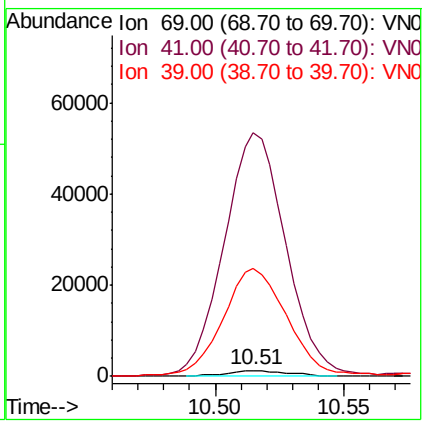


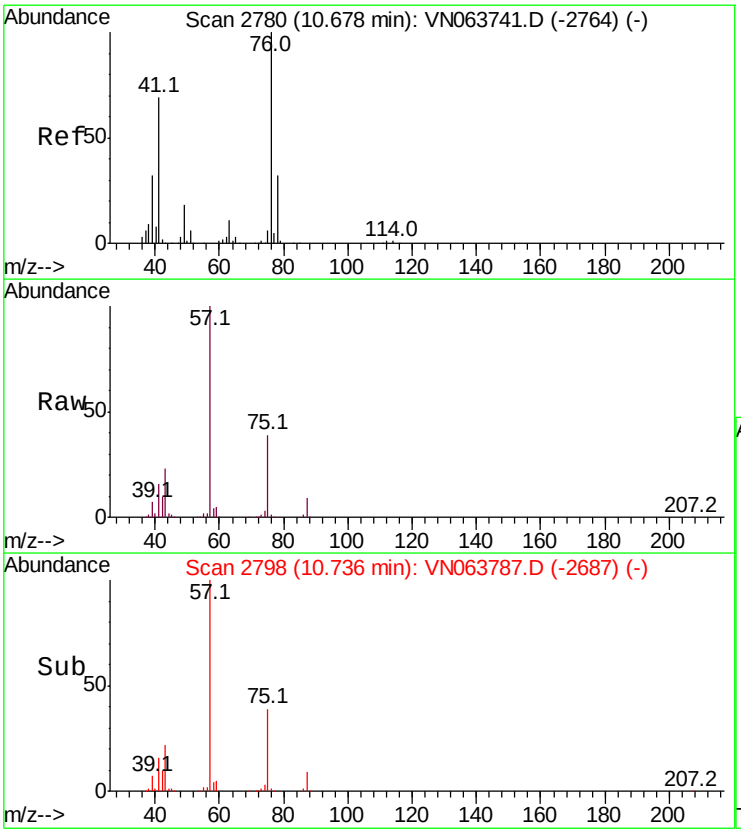
#56
Ethyl methacrylate
Concen: 0.488 ug/l
RT: 10.51 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion: 69 Resp: 2011

Ion	Ratio	Lower	Upper
69	100		
41	4465.6	61.1	91.7#
39	2052.7	42.2	63.4#

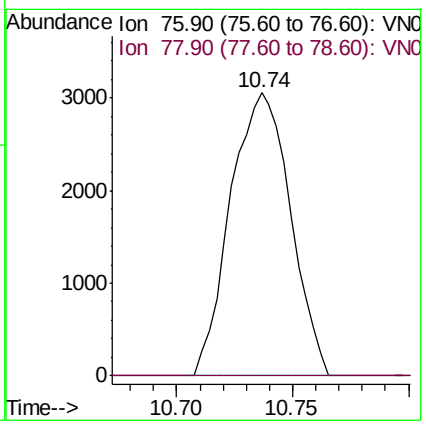


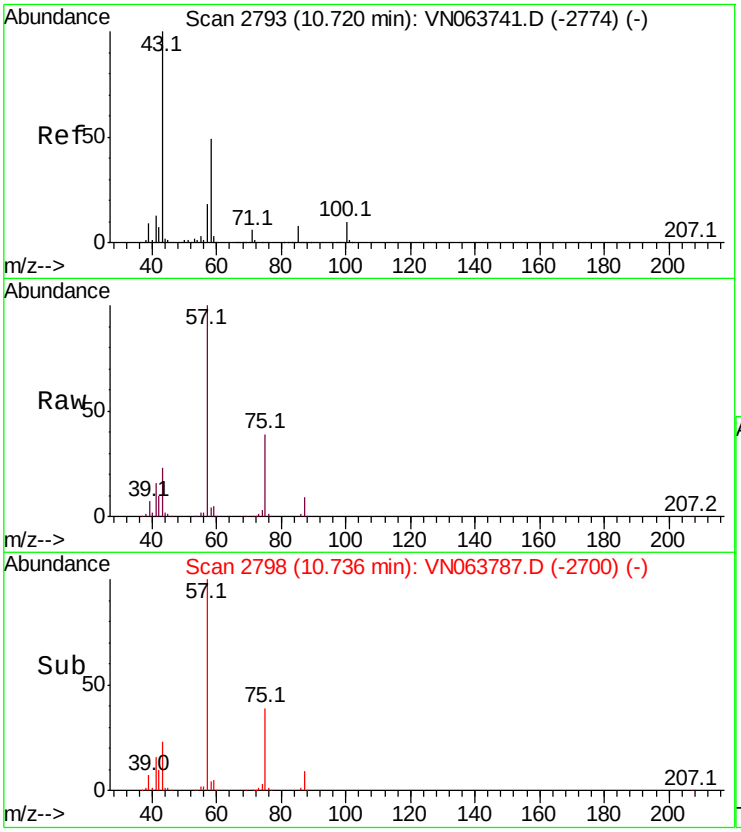


#57
1,3-Dichloropropane
Concen: 1.117 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 76 Resp: 5497

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#



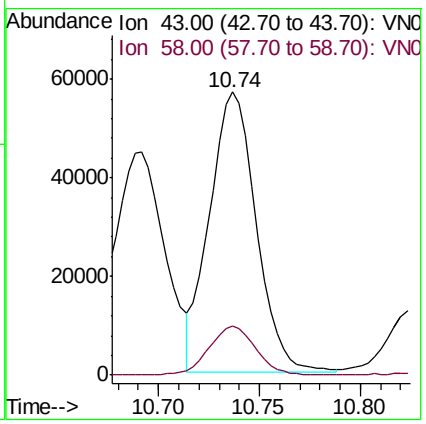


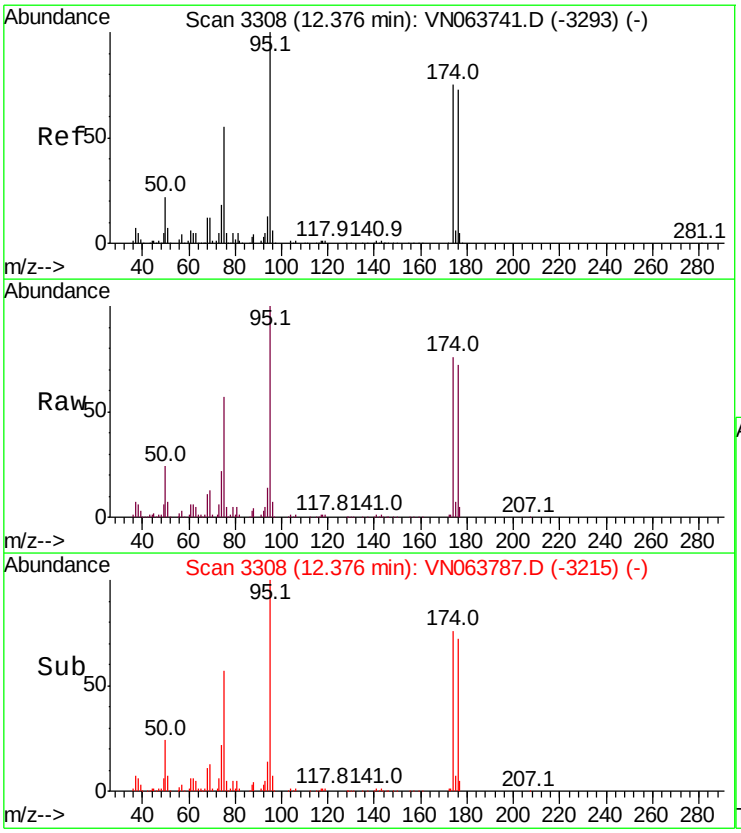
#59
2-Hexanone
Concen: 31.101 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

Tgt Ion: 43 Resp: 91211

Ion	Ratio	Lower	Upper
43	100		
58	17.6	24.6	73.8#

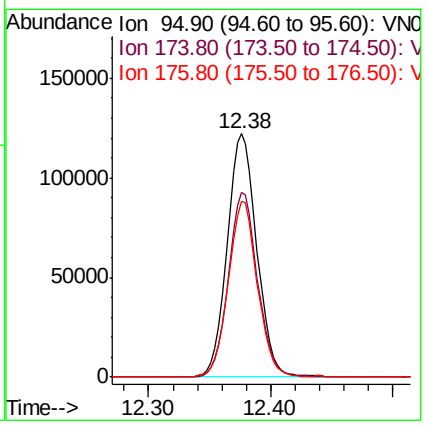


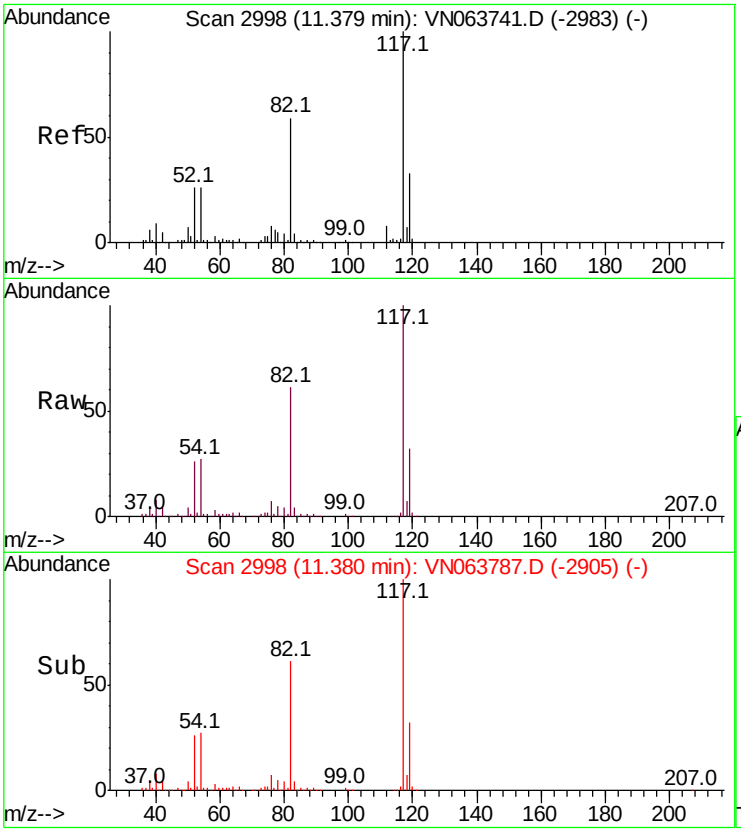


#62
4-Bromofluorobenzene
Concen: 51.561 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 95 Resp: 206586

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.6
176	70.9	0.0	145.4



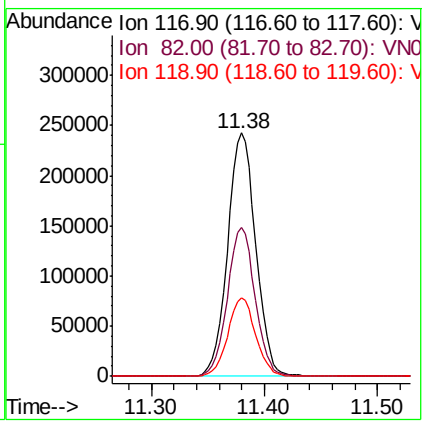


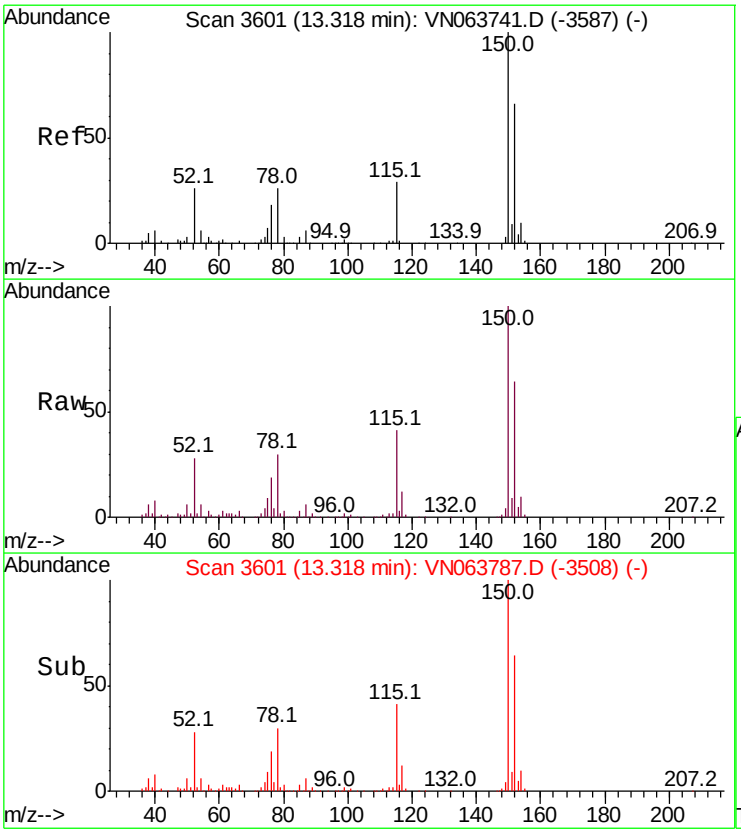
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion:117 Resp: 420285

Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.4	71.2
119	32.4	26.4	39.6

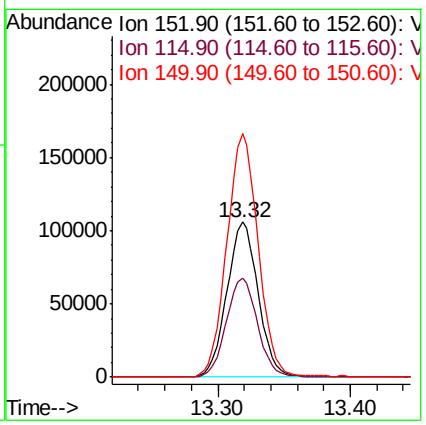


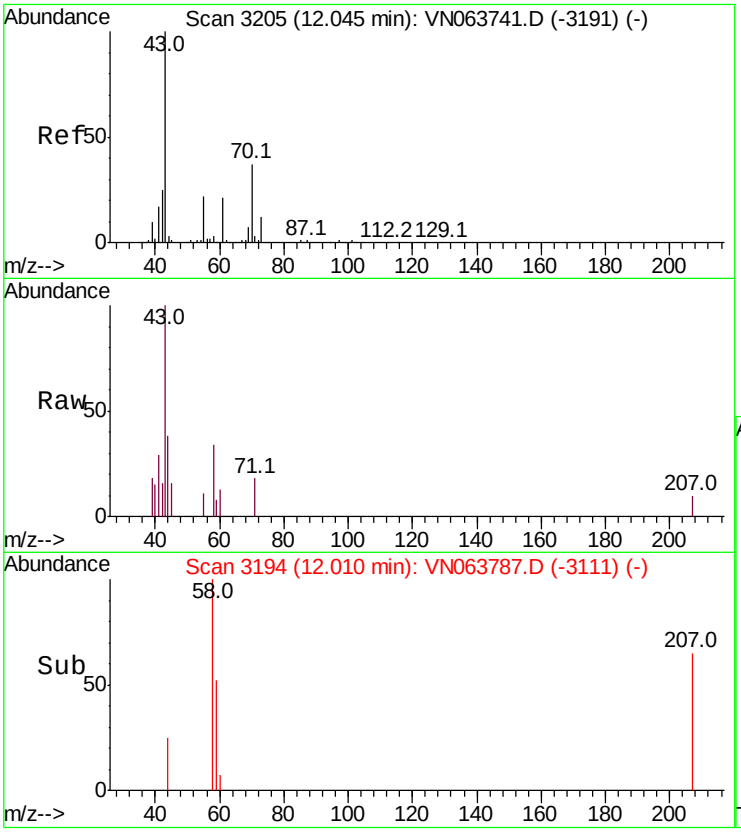


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion:152 Resp: 173653

Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.3	93.8
150	157.2	0.0	341.8



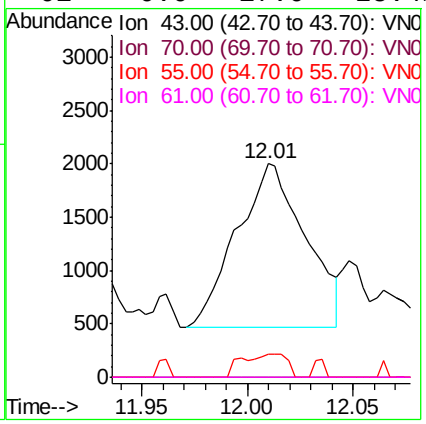


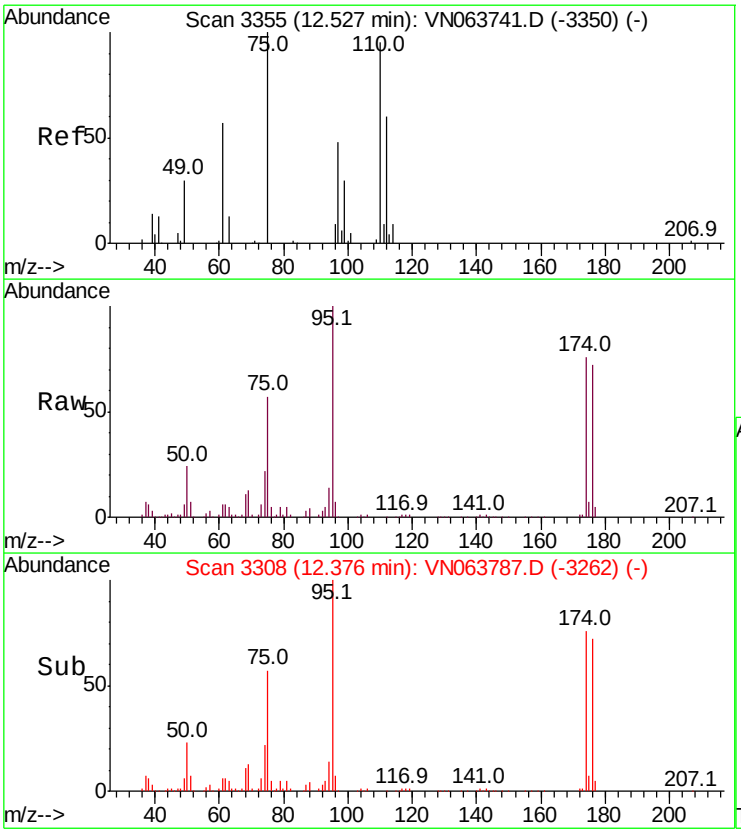
#74
N-amyl acetate
Concen: 2.781 ug/l
RT: 12.01 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

Tgt Ion: 43 Resp: 3483

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	5.5	17.9	26.9#
61	0.0	17.0	25.4#

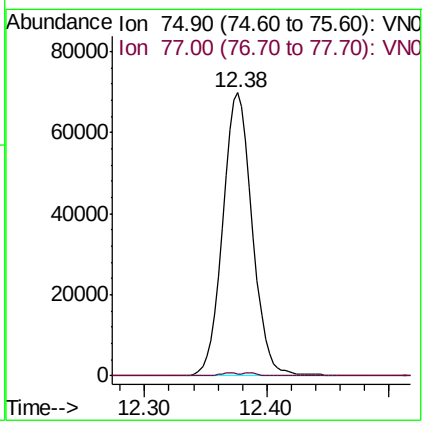


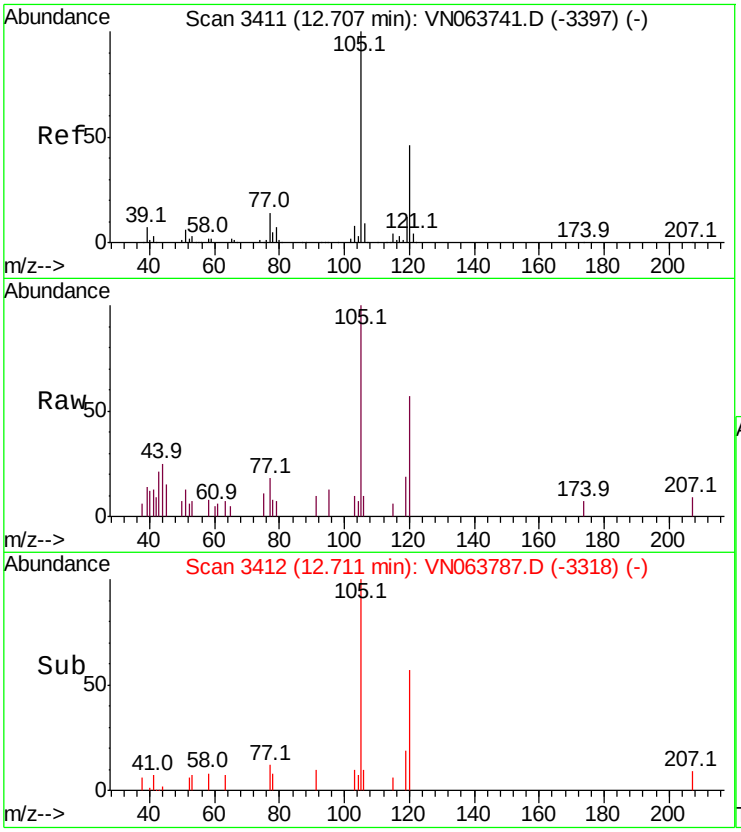


#76
1,2,3-Trichloropropane
Concen: 30.923 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 75 Resp: 118372

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#



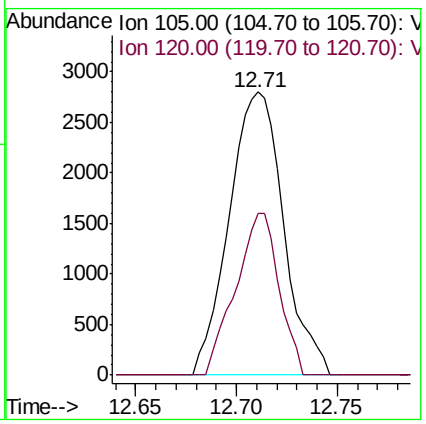


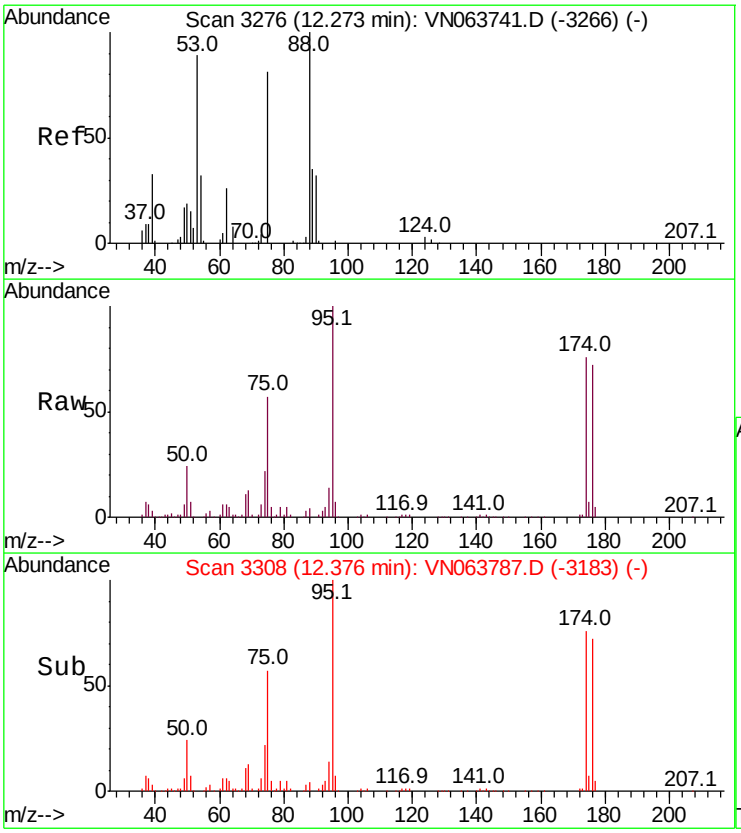
#80
1,3,5-Trimethylbenzene
Concen: 0.497 ug/l
RT: 12.71 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument : MSVOA_N
ClientSampleId : PB132009ZHE#09

Tgt Ion:105 Resp: 5283

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.3	69.9

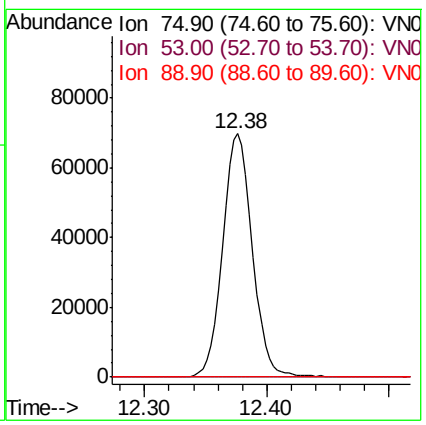


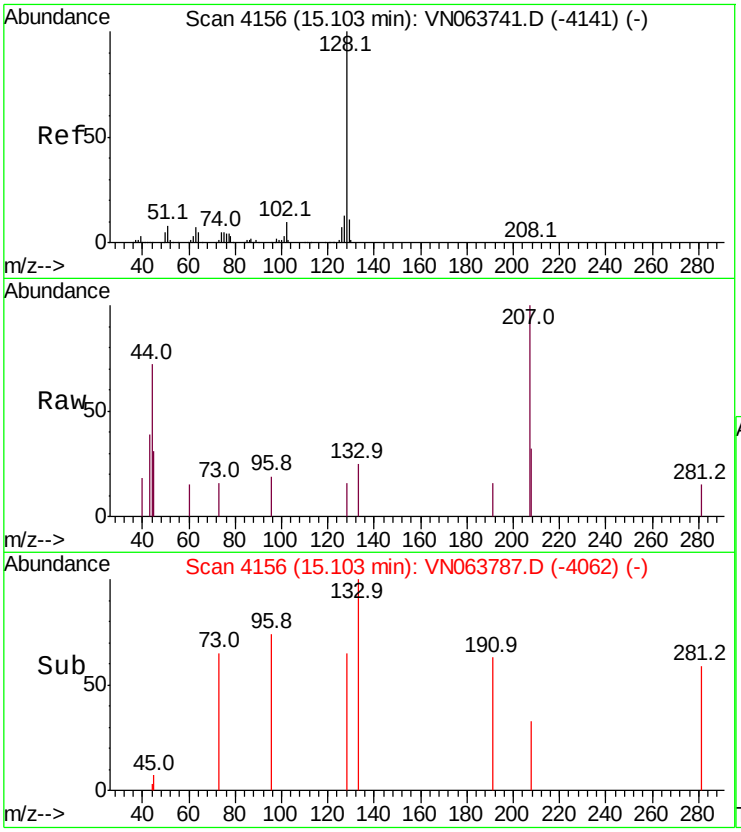


#81
trans-1,4-Dichloro-2-butene
Concen: 89.062 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Tgt Ion: 75 Resp: 118372

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





#95
Naphthalene
Concen: 1.928 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063787.D
Acq: 1 Oct 2020 21:21

Instrument :
MSVOA_N
ClientSampleId :
PB132009ZHE#09

Tgt Ion:128 Resp: 32

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