Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101620\
Data File : VN064181.D
Acq On : 16 Oct 2020 21:53
Operator : JC/MD
Sample : L4406-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Quant Time: Oct 17 01:33:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	306388	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	647064	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	678733	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	236236	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	271518	62.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 124.44%				
35) Dibromofluoromethane	7.55	113	215114	48.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.06%				
50) Toluene-d8	10.06	98	838474	49.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.24%				
62) 4-Bromofluorobenzene	12.38	95	277933	47.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.70%				
Target Compounds							Qvalue
16) Acetone	3.78	43	17592	13.592	ug/l		100
18) Methyl Acetate	4.28	43	1783	0.549	ug/l		91
20) Methylene Chloride	4.51	84	11527	2.878	ug/l		93
25) 2-Butanone	6.80	43	1013	0.509	ug/l	#	47
29) Tetrahydrofuran	7.15	42	361	0.310	ug/l	#	43
31) Cyclohexane	7.63	56	8814	1.827	ug/l	#	47
36) 1,1-Dichloropropene	7.62	75	27935	4.479	ug/l	#	48
38) Carbon Tetrachloride	7.63	117	32534	4.851	ug/l	#	16
43) Isopropyl Acetate	8.13	43	115774	12.605	ug/l	#	87
45) 1,2-Dichloropropane	9.24	63	2594	0.524	ug/l	#	43
48) Methyl methacrylate	9.15	41	6779	1.598	ug/l	#	11
49) 1,4-Dioxane	9.16	88	70	1.087	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.96	43	11448	2.106	ug/l		90
54) cis-1,3-Dichloropropene	9.87	75	46616	6.020	ug/l	#	79
56) Ethyl methacrylate	10.51	69	4687	2.941	ug/l	#	1
57) 1,3-Dichloropropane	10.74	76	8108	1.024	ug/l	#	44
59) 2-Hexanone	10.74	43	124501	35.663	ug/l	#	52
71) Bromoform	12.36	173	114	2.255	ug/l	#	30
74) N-amyl acetate	12.01	43	4021	0.627	ug/l	#	48
76) 1,2,3-Trichloropropane	12.38	75	152117	27.447	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	152117	83.855	ug/l	#	12
86) p-Isopropyltoluene	13.32	119	67	0.667	ug/l	#	1
95) Naphthalene	15.12	128	103	3.806	ug/l	#	70

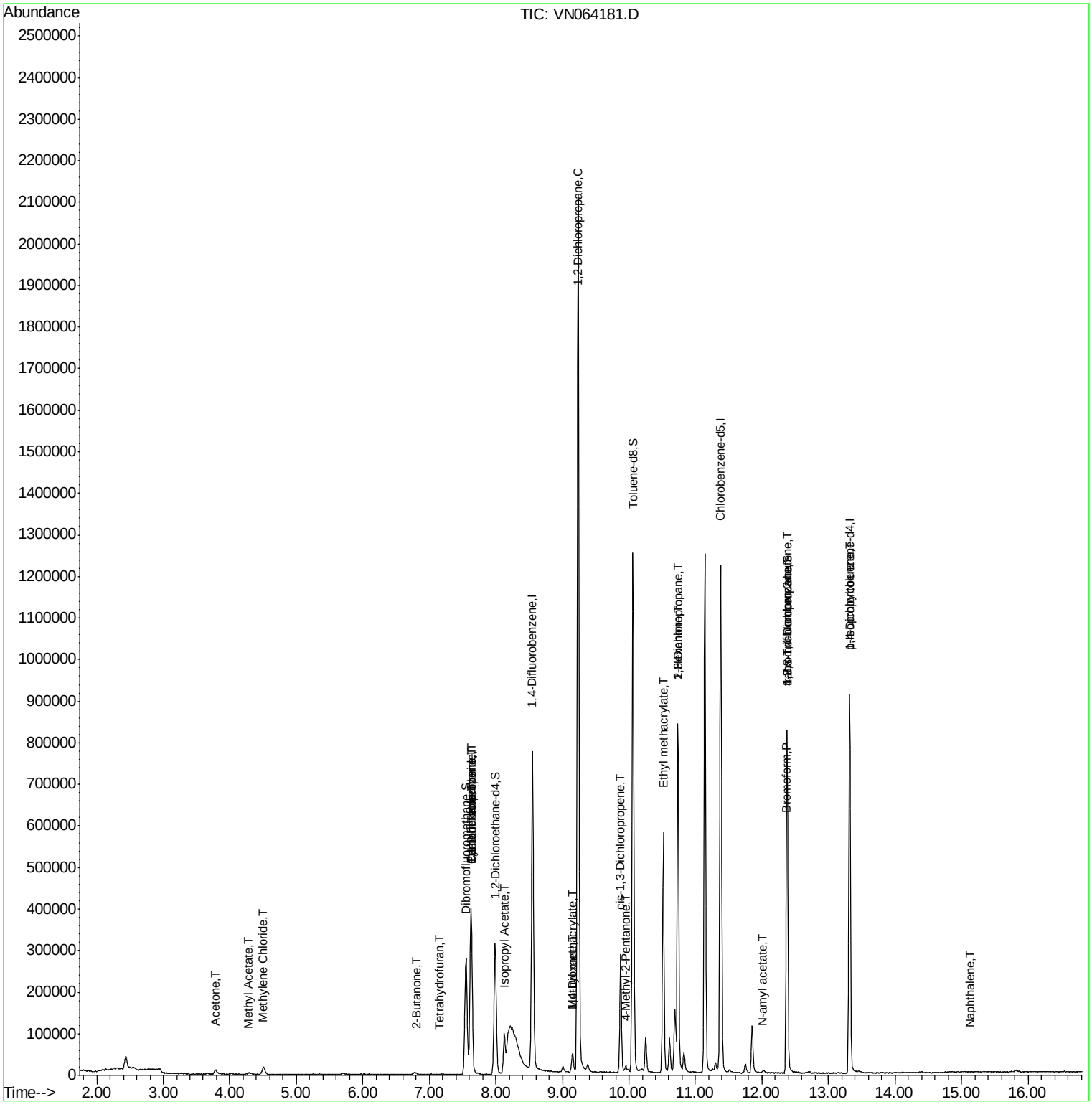
(#) = qualifier out of range (m) = manual integration (+) = signals summed

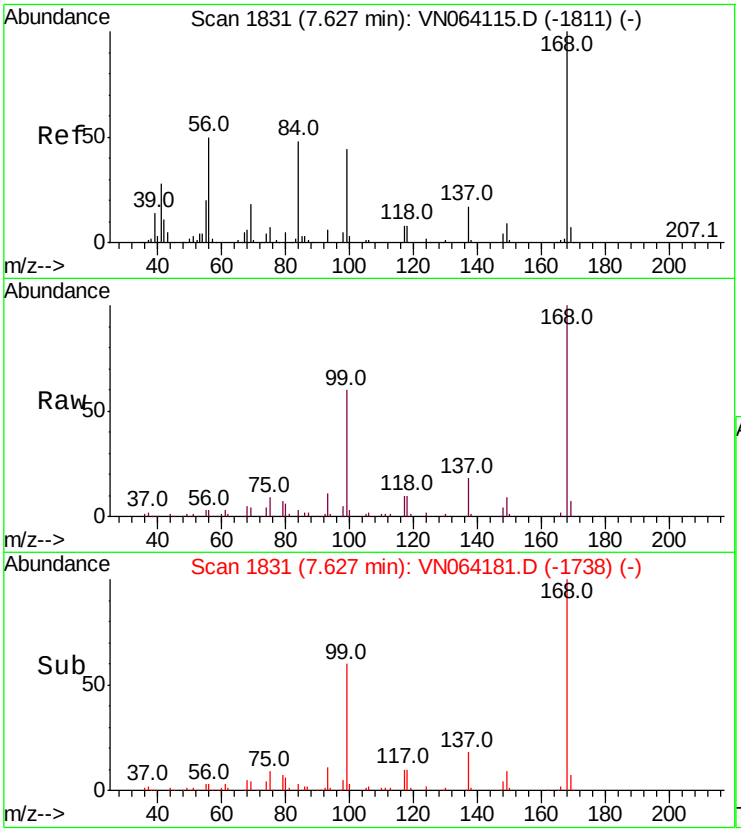
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101620\
Data File : VN064181.D
Acq On : 16 Oct 2020 21:53
Operator : JC/MD
Sample : L4406-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Quant Time: Oct 17 01:33:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration



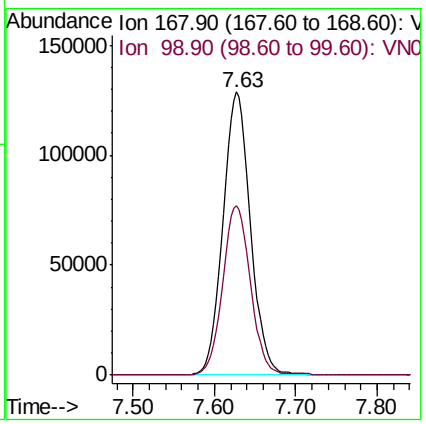


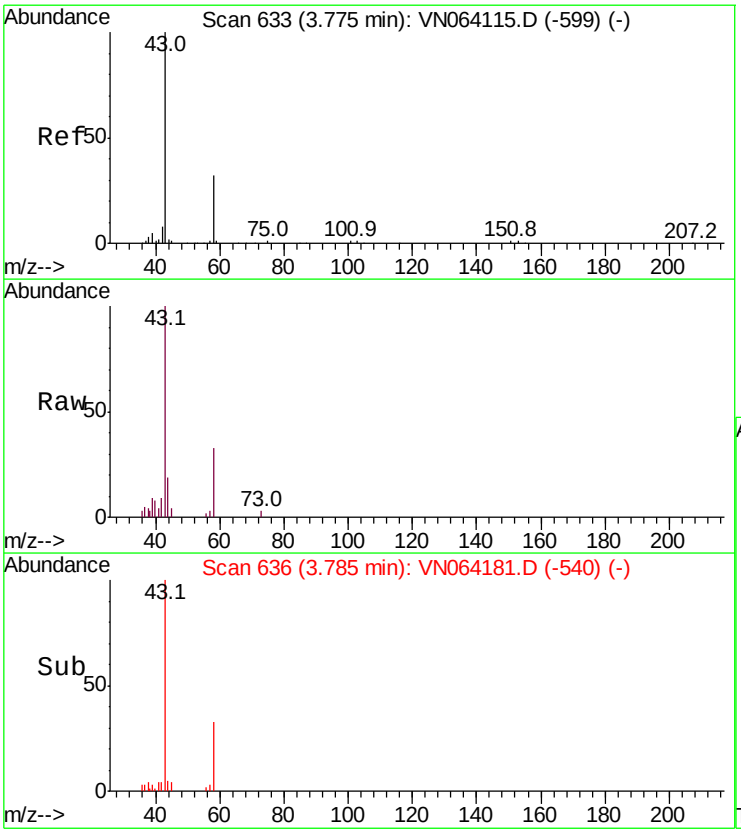
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion:168 Resp: 306388

Ion	Ratio	Lower	Upper
168	100		
99	59.7	43.6	65.4

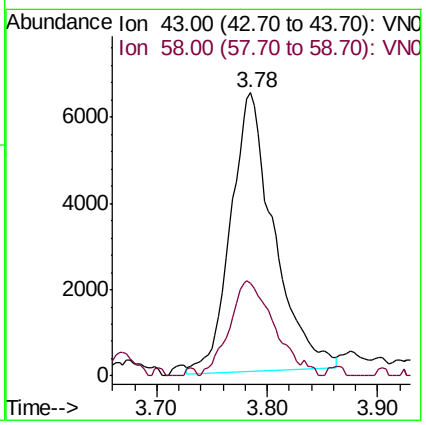


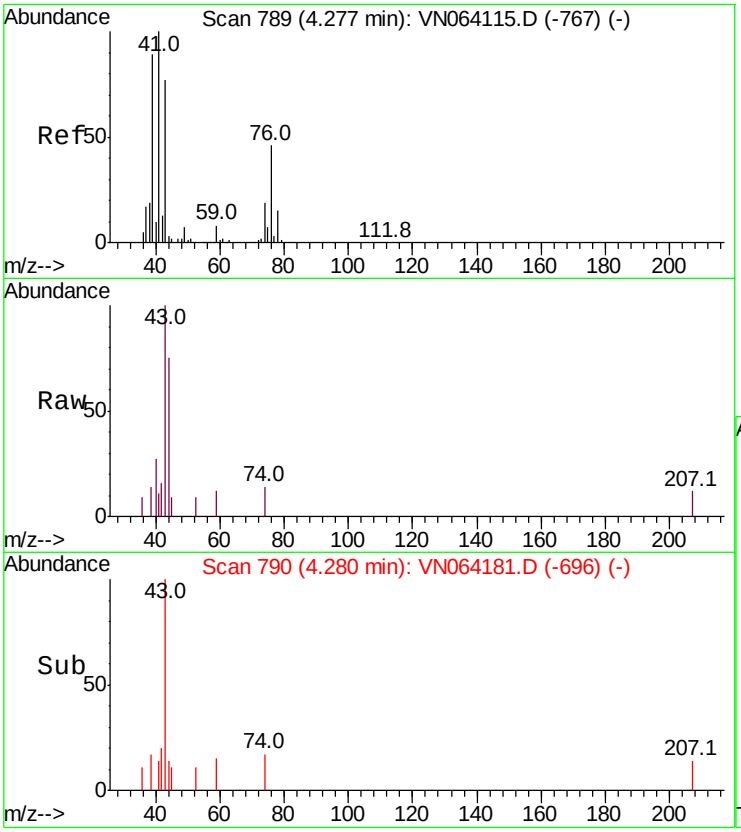


#16
Acetone
Concen: 13.592 ug/l
RT: 3.78 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 43 Resp: 17592

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.2	37.8



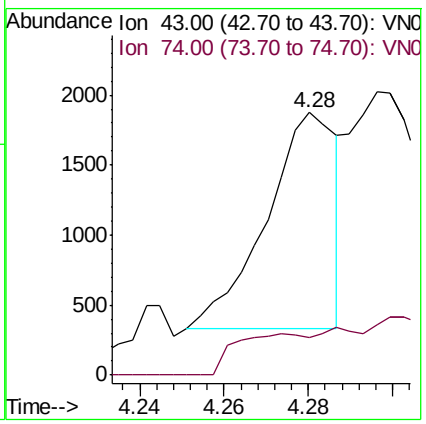


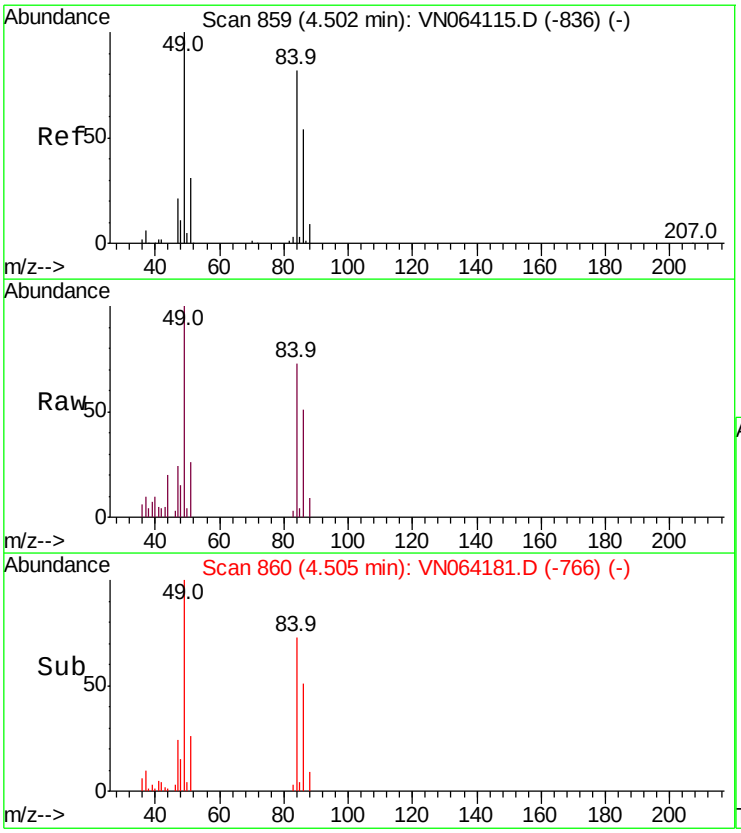
#18
Methyl Acetate
Concen: 0.549 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion: 43 Resp: 1783

Ion	Ratio	Lower	Upper
43	100		
74	20.0	19.7	29.5

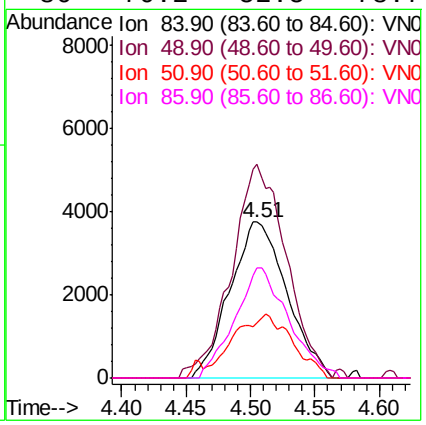


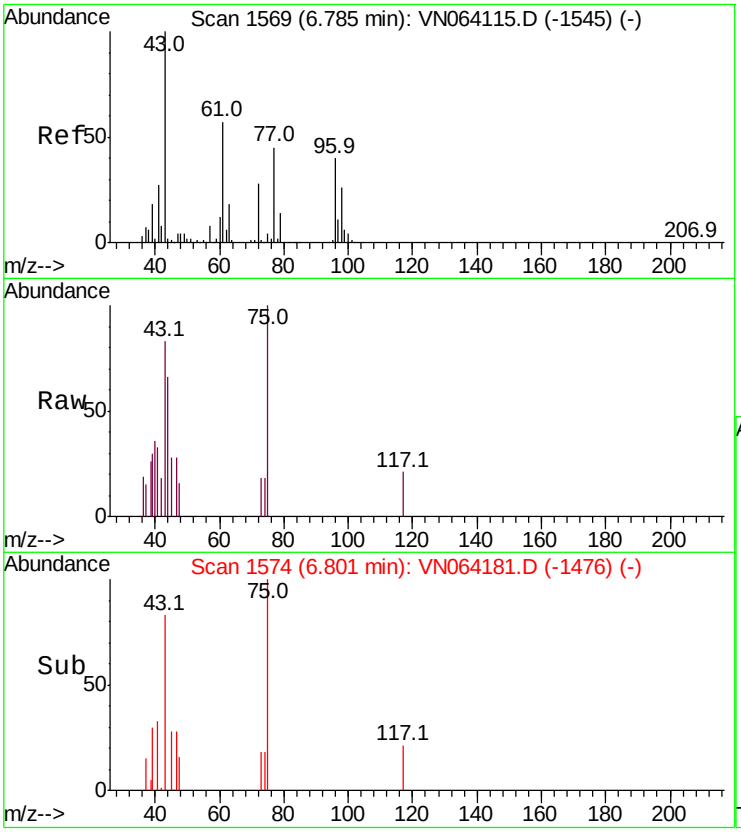


#20
Methylene Chloride
Concen: 2.878 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 84 Resp: 11527

Ion	Ratio	Lower	Upper
84	100		
49	132.1	97.4	146.0
51	35.2	29.7	44.5
86	70.2	52.5	78.7



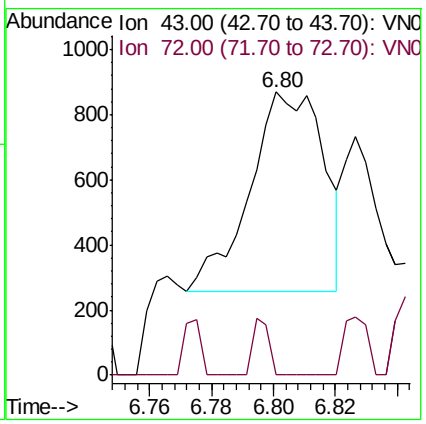


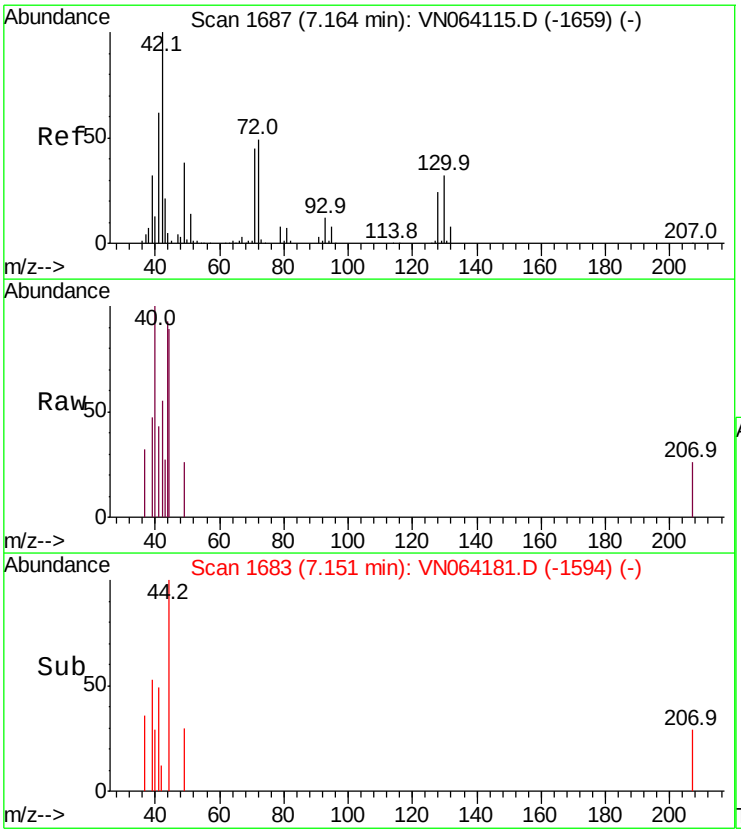
#25
2-Butanone
Concen: 0.509 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion: 43 Resp: 1013

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#

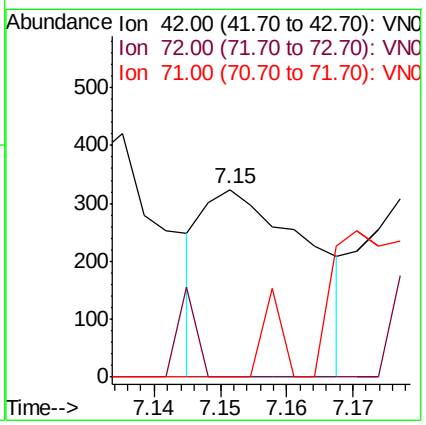


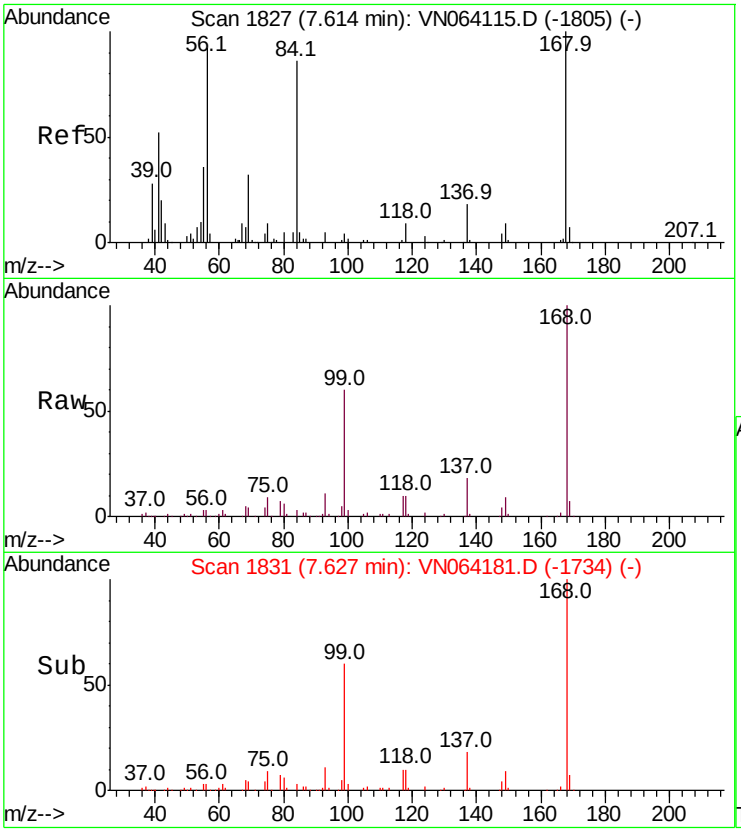


#29
Tetrahydrofuran
Concen: 0.310 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 42 Resp: 361

Ion	Ratio	Lower	Upper
42	100		
72	8.3	37.8	56.6#
71	8.3	35.3	52.9#



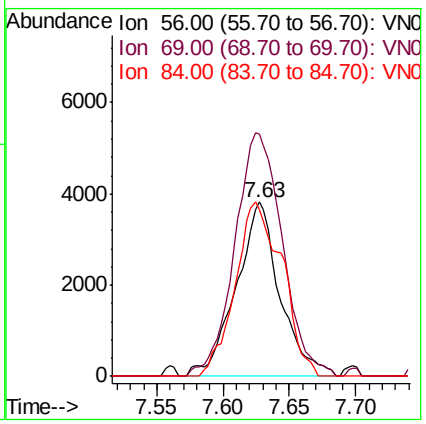


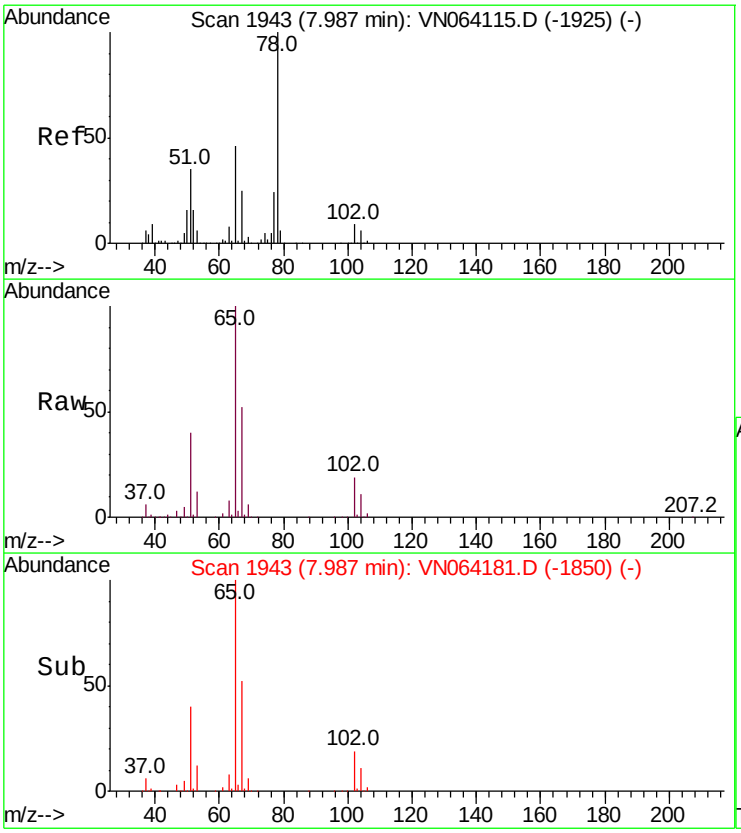
#31
Cyclohexane
Concen: 1.827 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion: 56 Resp: 8814

Ion	Ratio	Lower	Upper
56	100		
69	138.9	27.8	41.6#
84	95.8	73.2	109.8

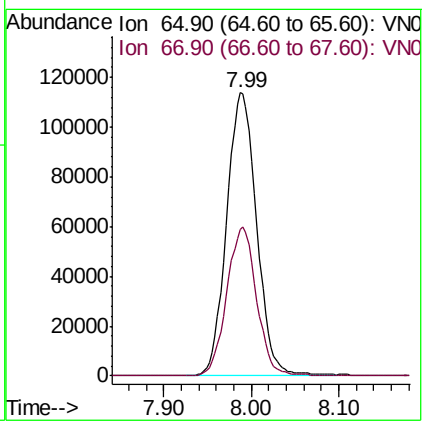


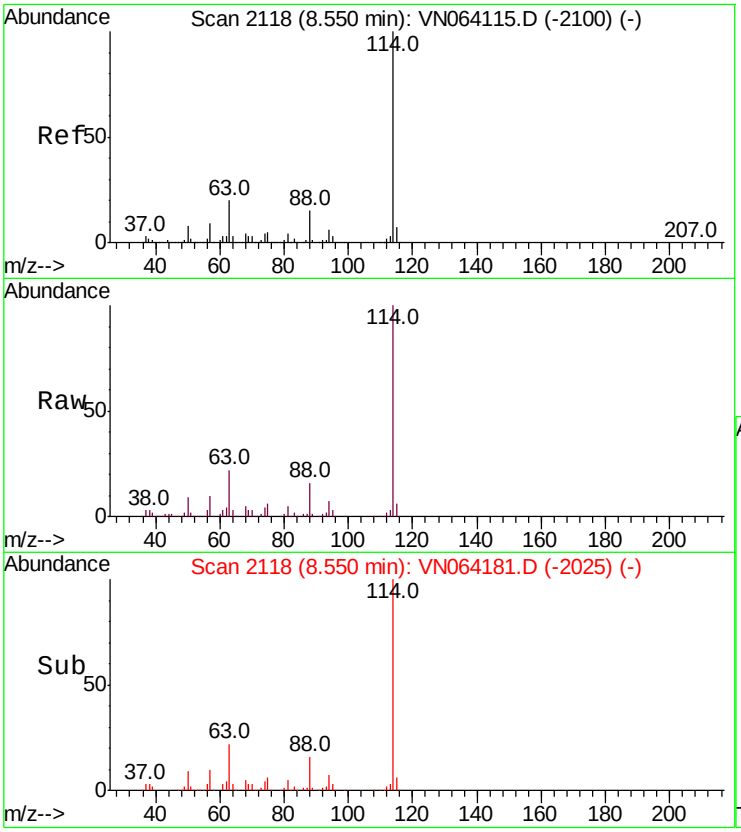


#33
1,2-Dichloroethane-d4
Concen: 62.223 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 65 Resp: 271518

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.6



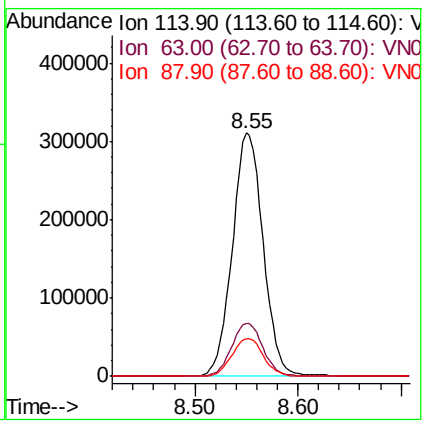


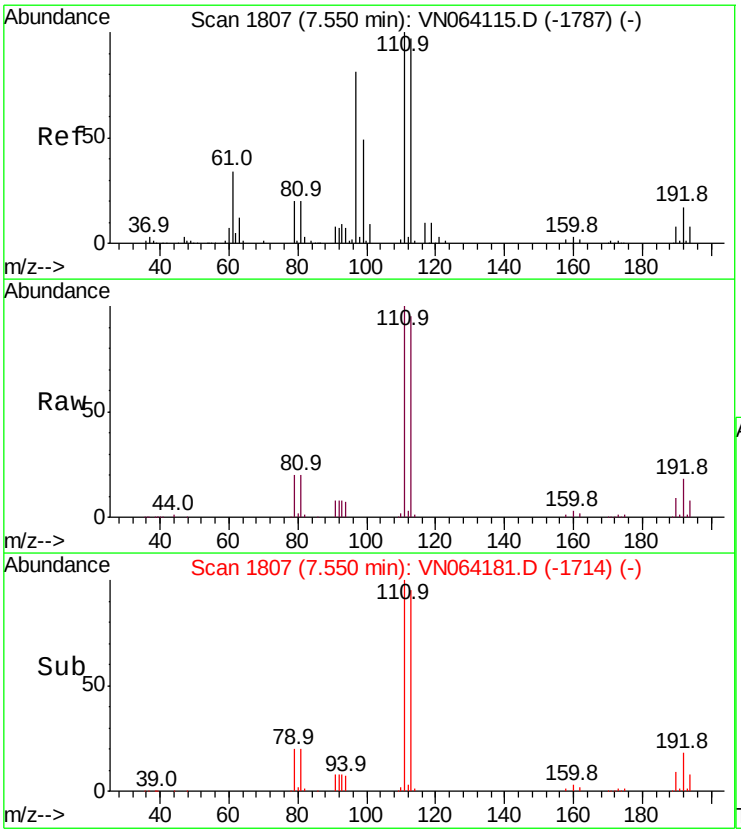
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion:114 Resp: 647064

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	41.0
88	15.6	0.0	29.2

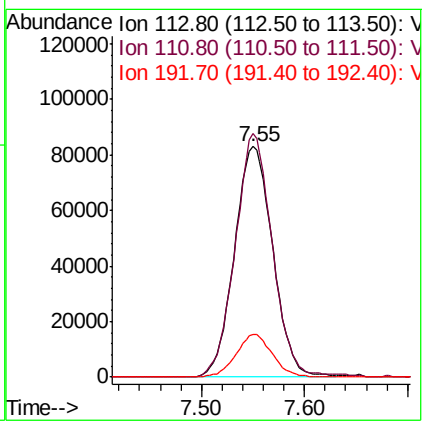


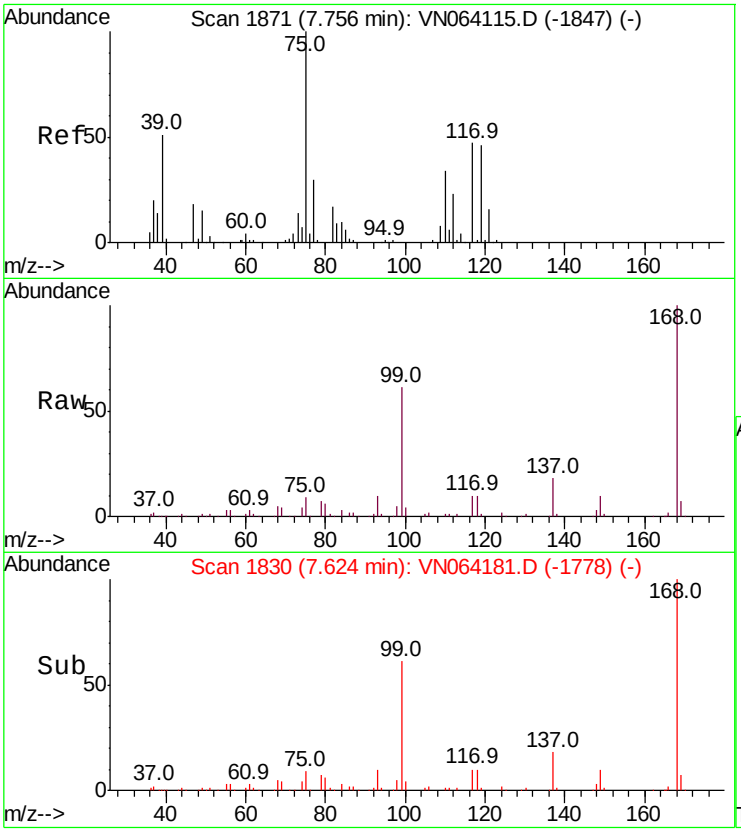


#35
Dibromofluoromethane
Concen: 48.031 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion:113 Resp: 215114

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	17.5	14.3	21.5



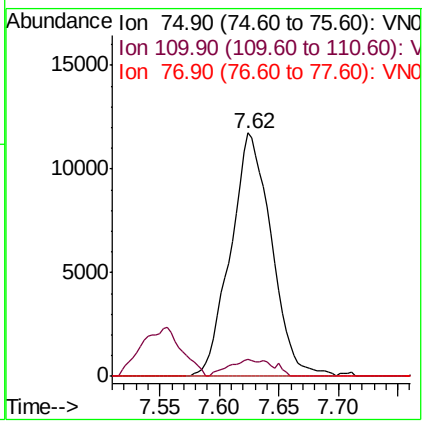


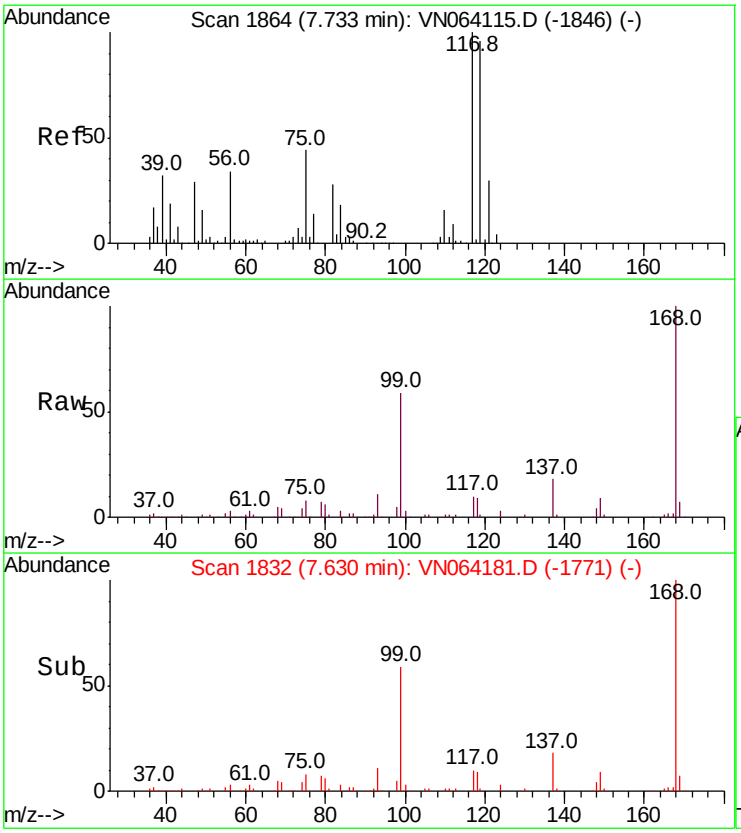
#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion: 75 Resp: 27935

Ion	Ratio	Lower	Upper
75	100		
110	7.4	17.8	53.3#
77	0.0	24.9	37.3#

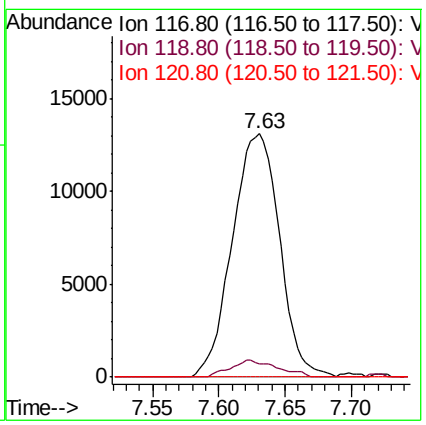


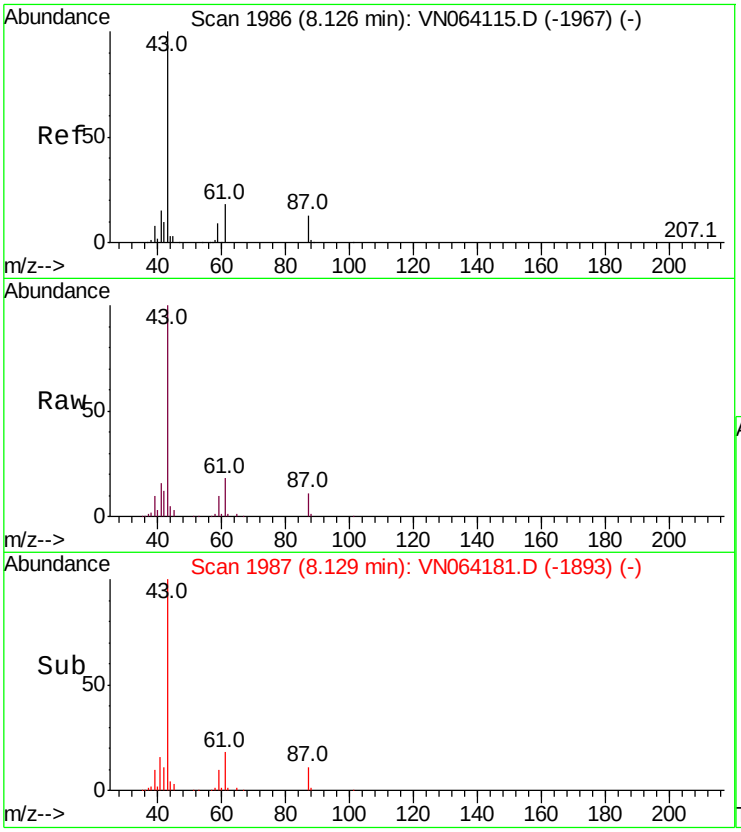


#38
Carbon Tetrachloride
Concen: 4.851 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion:117 Resp: 32534

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.0	115.4#
121	0.0	24.2	36.4#



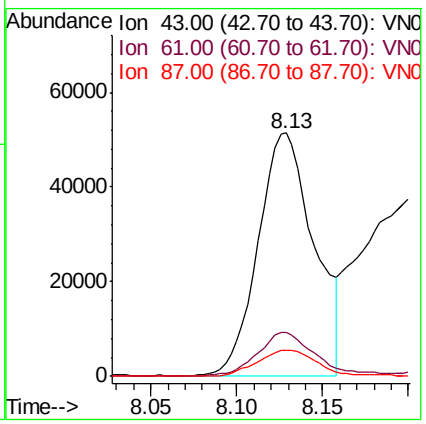


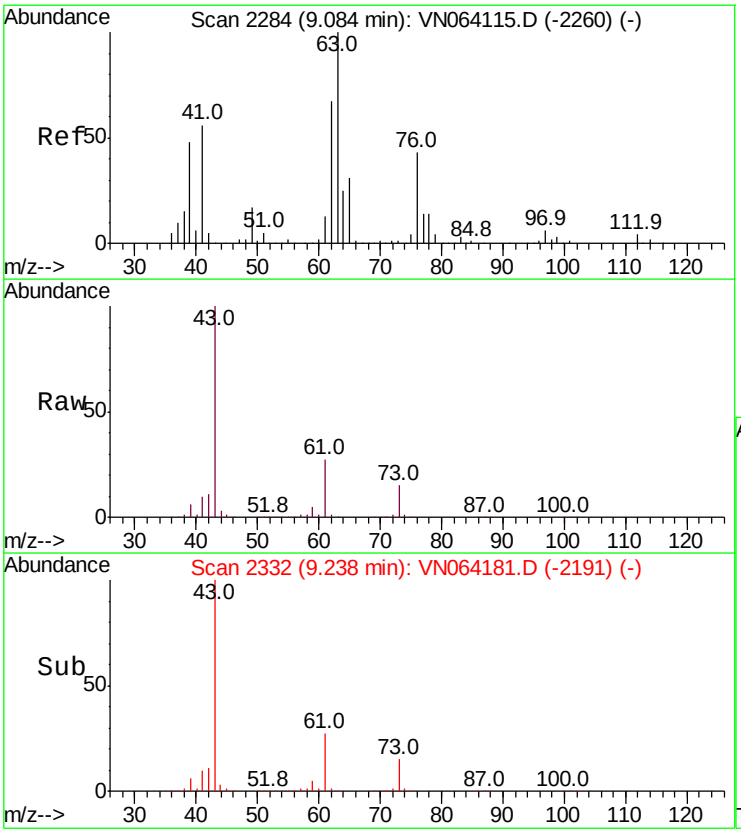
#43
Isopropyl Acetate
Concen: 12.605 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion: 43 Resp: 115774

Ion	Ratio	Lower	Upper
43	100		
61	19.0	21.9	32.9#
87	11.4	11.0	16.4

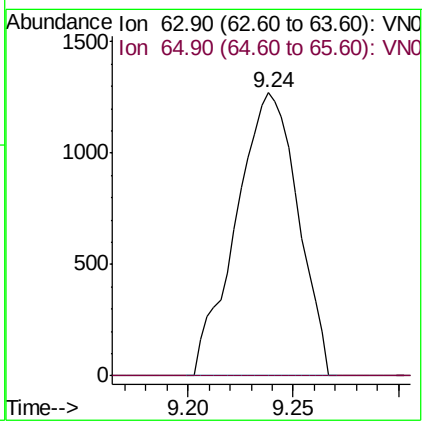


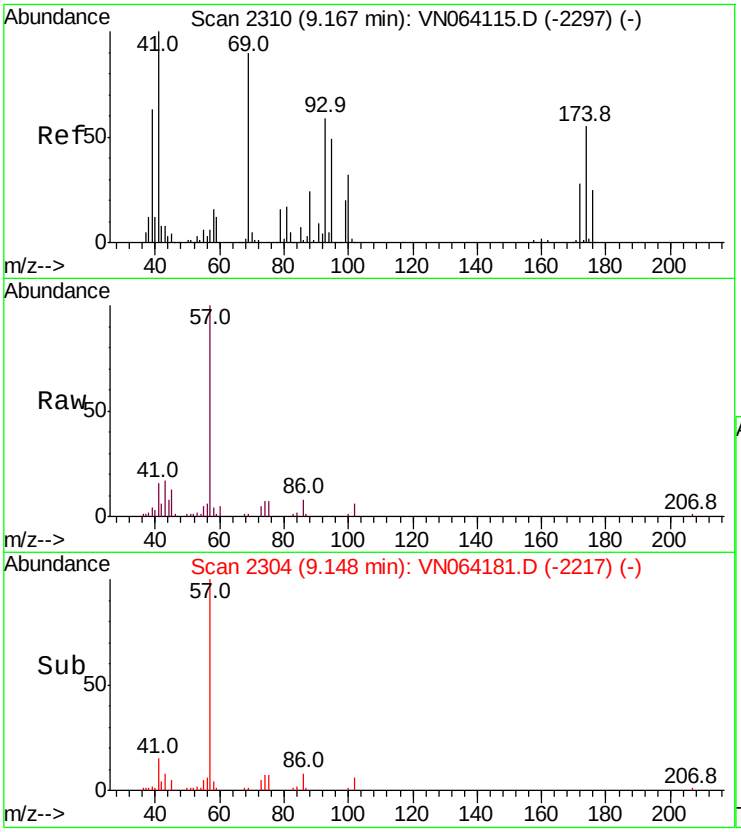


#45
1,2-Dichloropropane
Concen: 0.524 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 63 Resp: 2594

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#



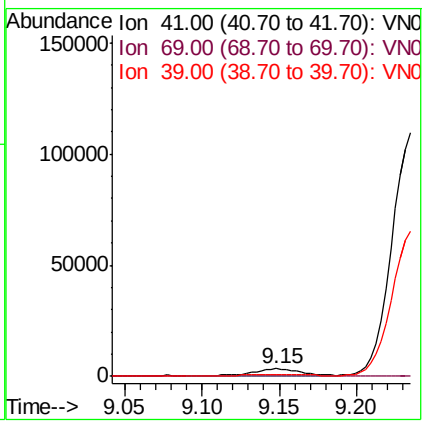


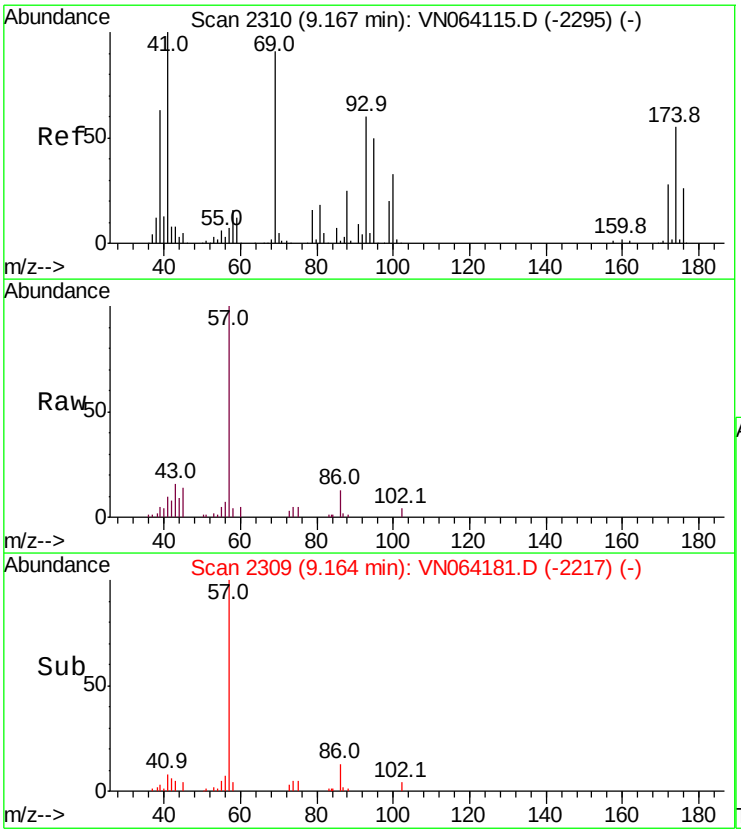
#48
Methyl methacrylate
Concen: 1.598 ug/l
RT: 9.15 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion: 41 Resp: 6779

Ion	Ratio	Lower	Upper
41	100		
69	0.9	71.4	107.2#
39	0.0	52.5	78.7#

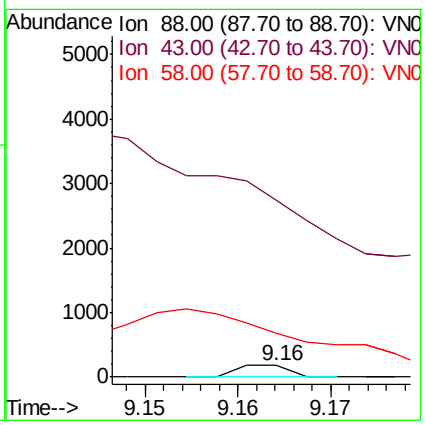


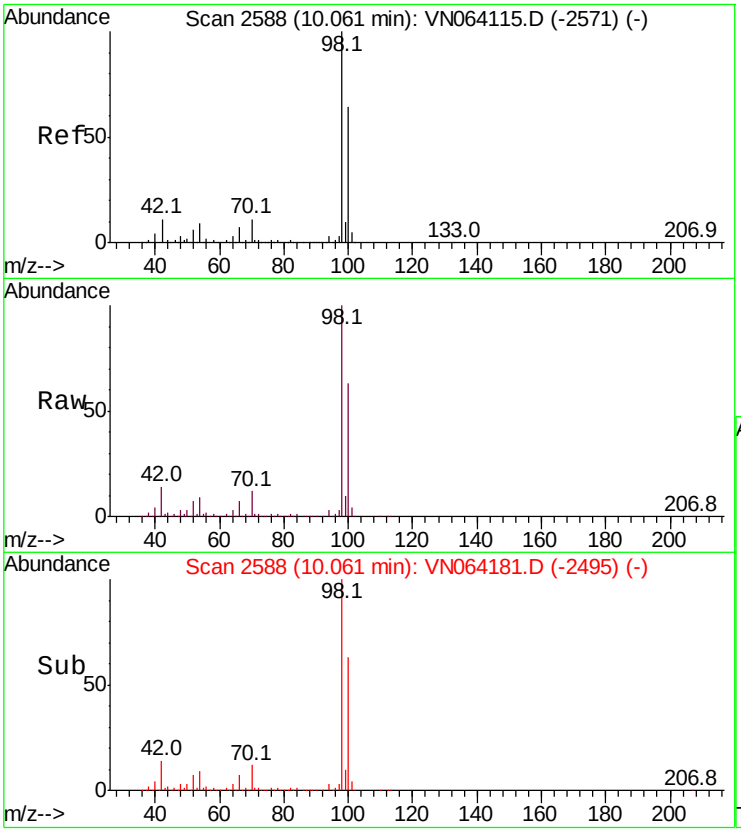


#49
1,4-Dioxane
Concen: 1.087 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.2	40.8#
58	2884.3	52.6	78.8#



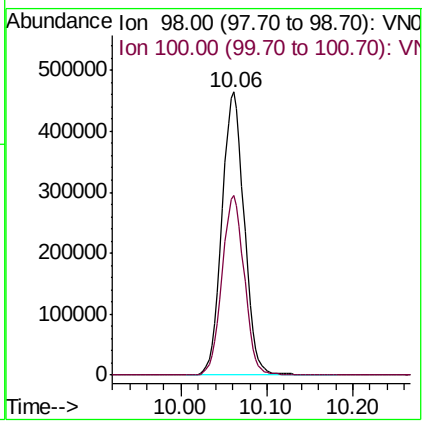


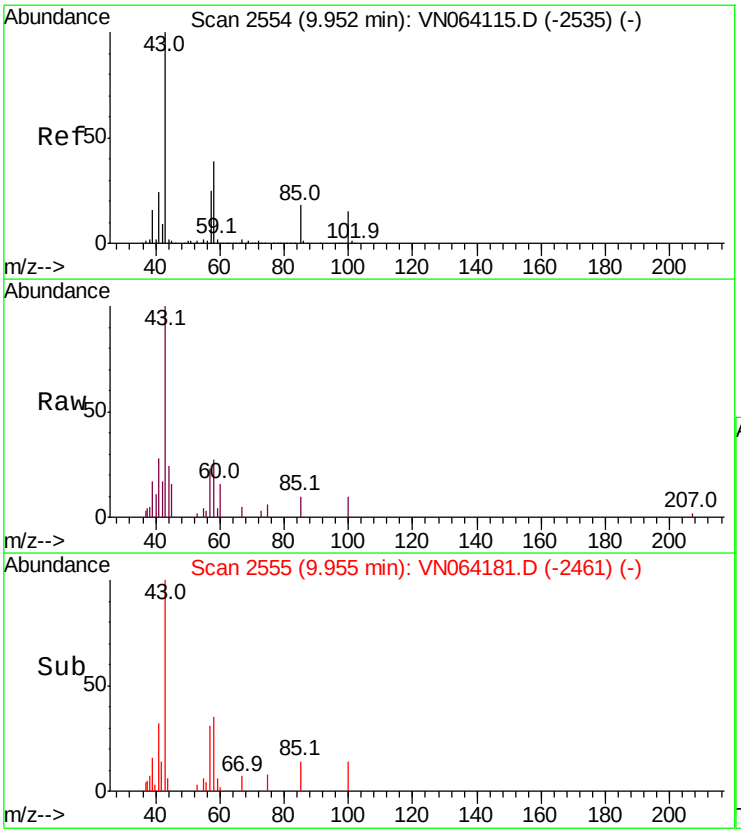
#50
Toluene-d8
Concen: 49.618 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion: 98 Resp: 838474

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.8	76.2

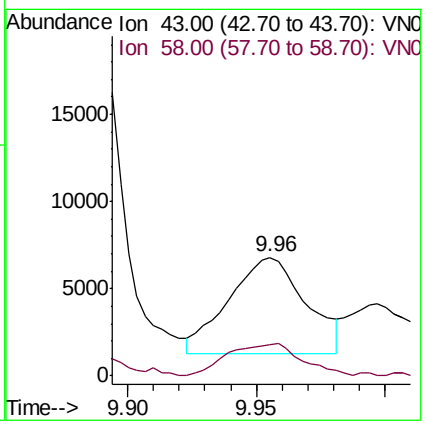


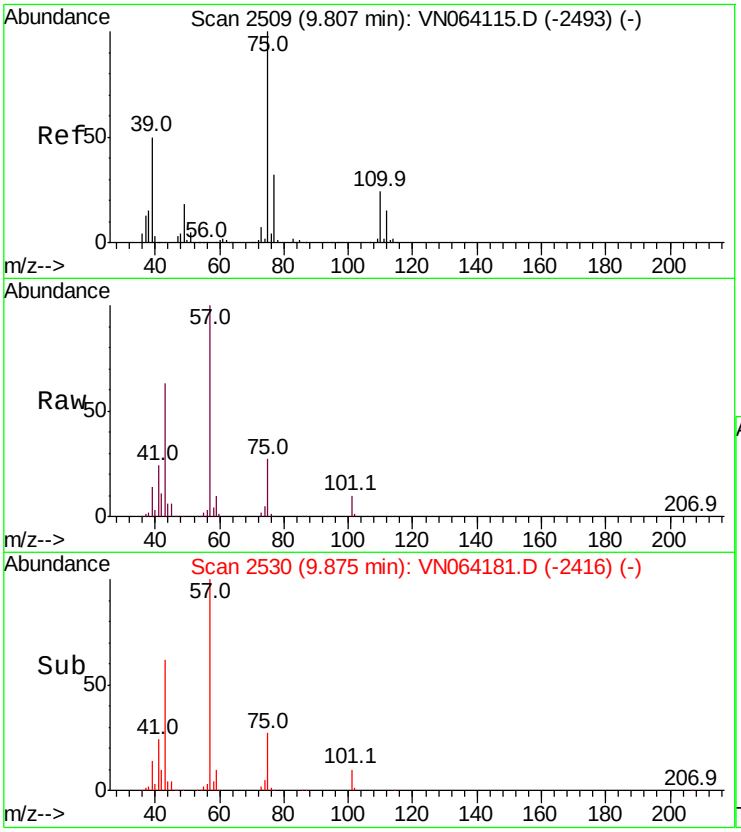


#51
4-Methyl-2-Pentanone
Concen: 2.106 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 43 Resp: 11448

Ion	Ratio	Lower	Upper
43	100		
58	32.6	31.2	46.8



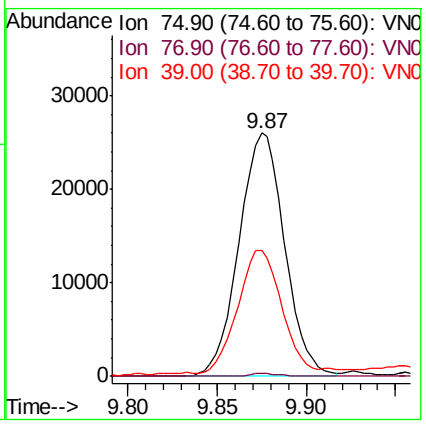


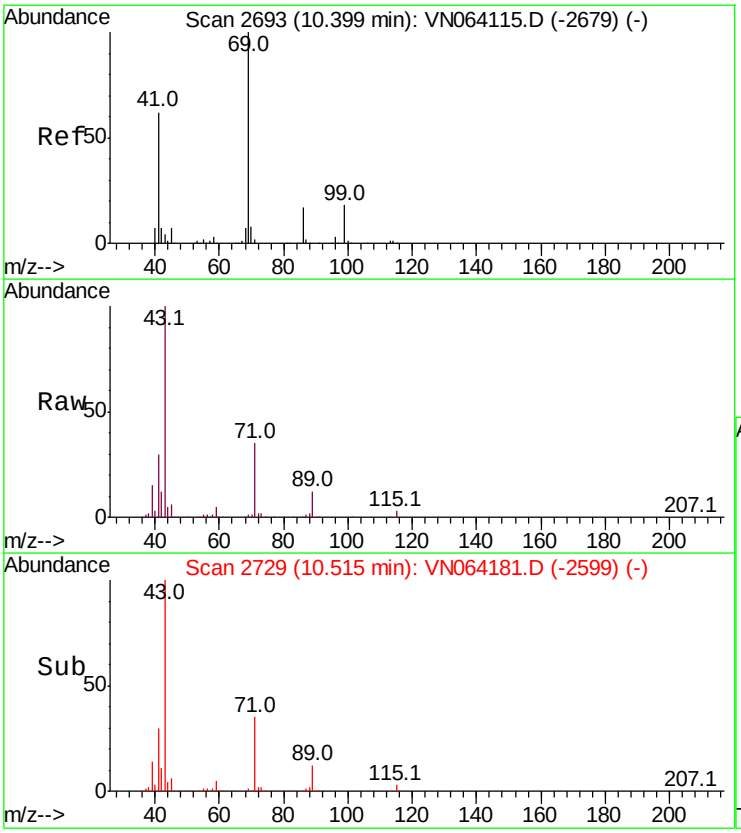
#54
cis-1,3-Dichloropropene
Concen: 6.020 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion: 75 Resp: 46616

Ion	Ratio	Lower	Upper
75	100		
77	1.2	25.2	37.8#
39	49.7	39.8	59.8

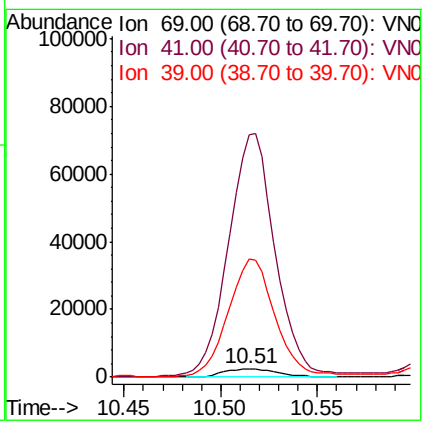


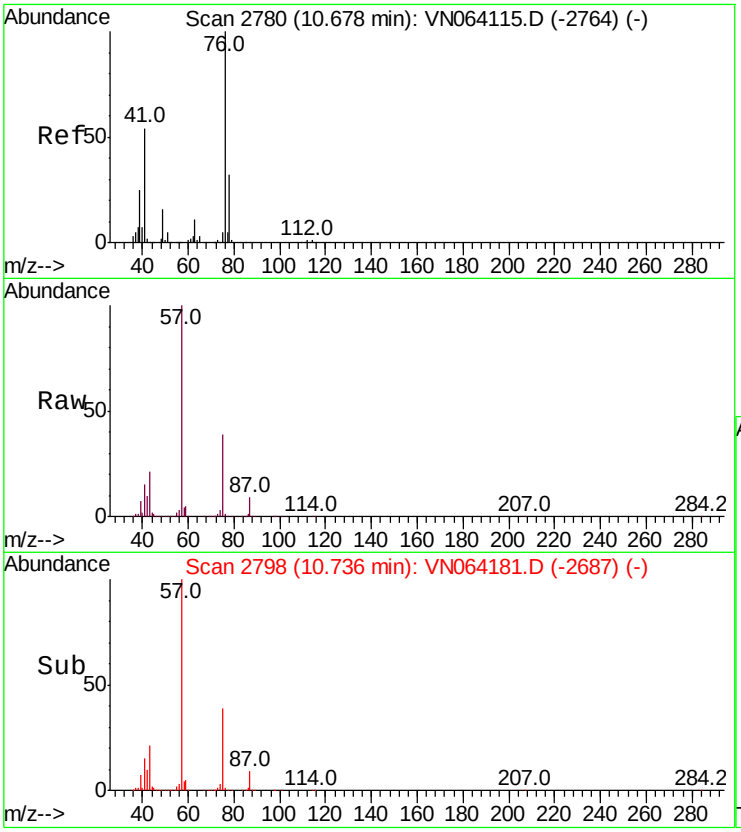


#56
Ethyl methacrylate
Concen: 2.941 ug/l
RT: 10.51 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 69 Resp: 4687

Ion	Ratio	Lower	Upper
69	100		
41	2563.3	49.3	73.9#
39	1261.3	32.7	49.1#



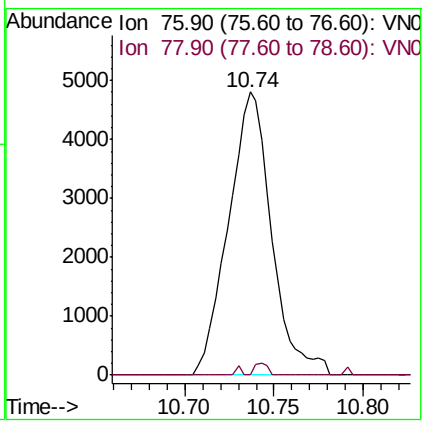


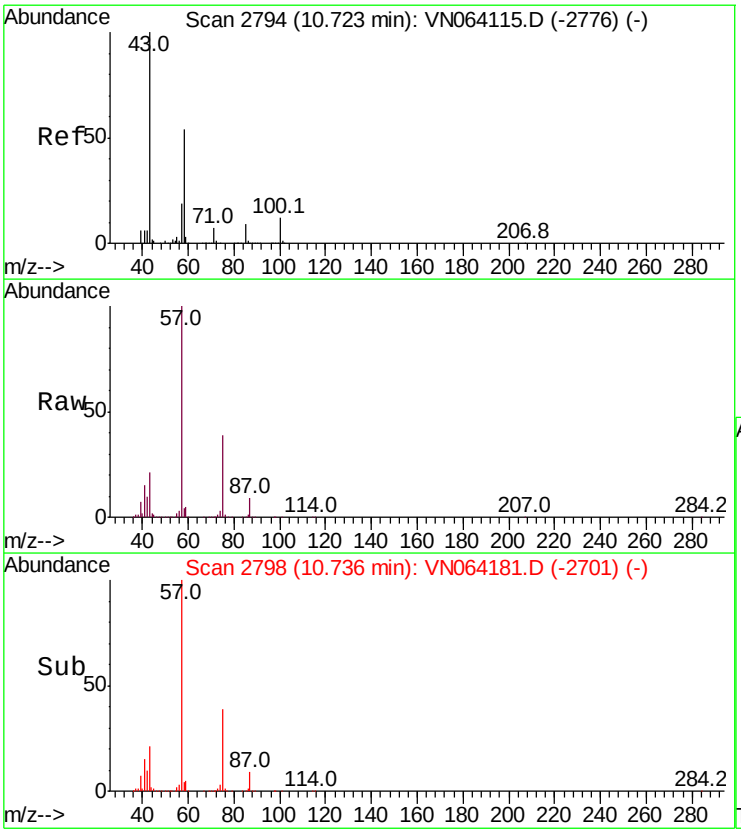
#57
1,3-Dichloropropane
Concen: 1.024 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion: 76 Resp: 8108

Ion	Ratio	Lower	Upper
76	100		
78	1.3	26.1	39.1#

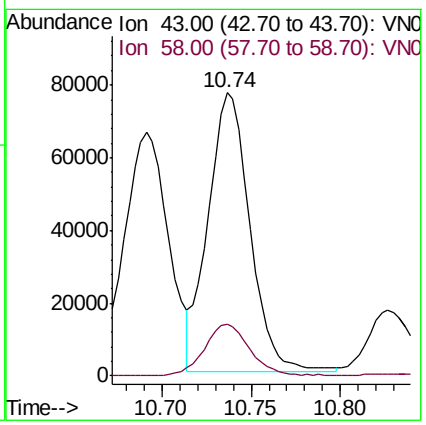


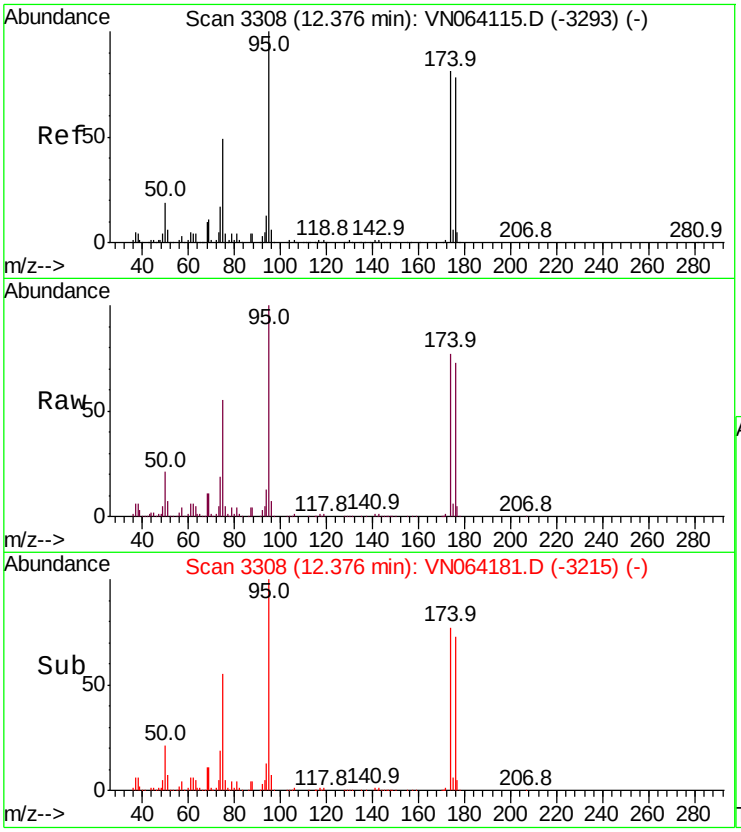


#59
2-Hexanone
Concen: 35.663 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 43 Resp: 124501

Ion	Ratio	Lower	Upper
43	100		
58	20.1	27.2	81.6#



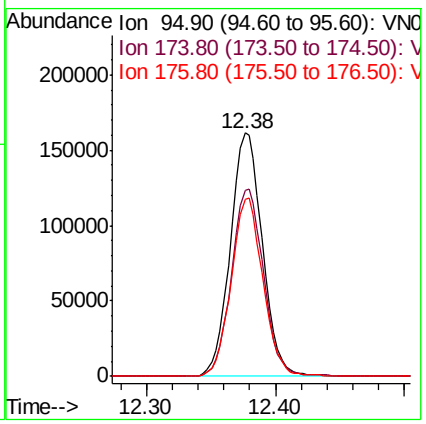


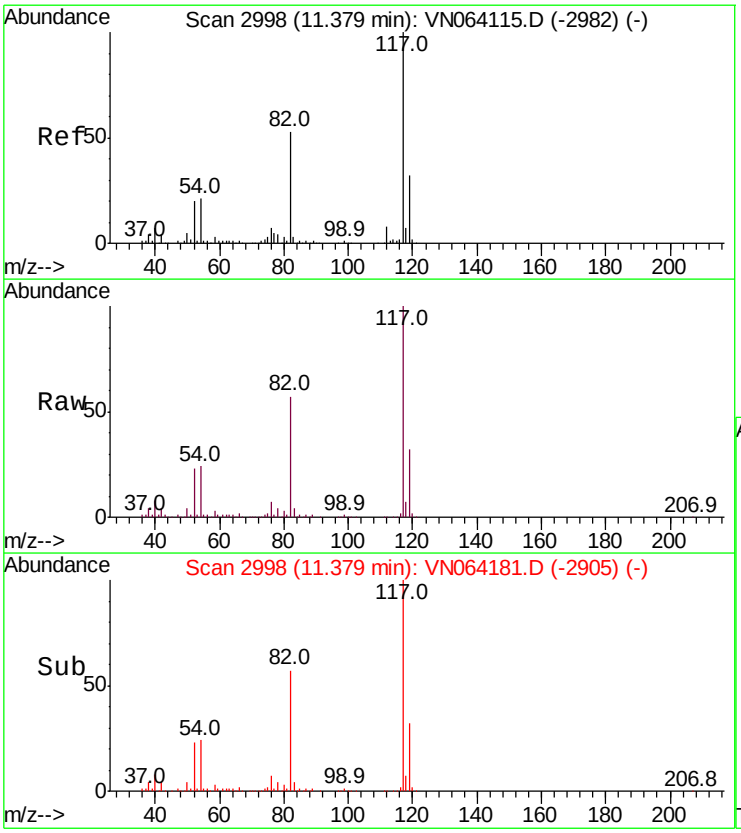
#62
4-Bromofluorobenzene
Concen: 47.850 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion: 95 Resp: 277933

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	164.8
176	72.9	0.0	157.8

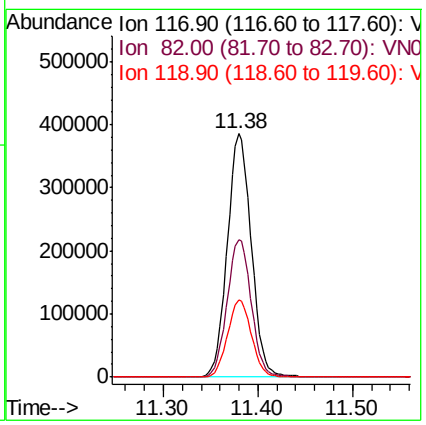


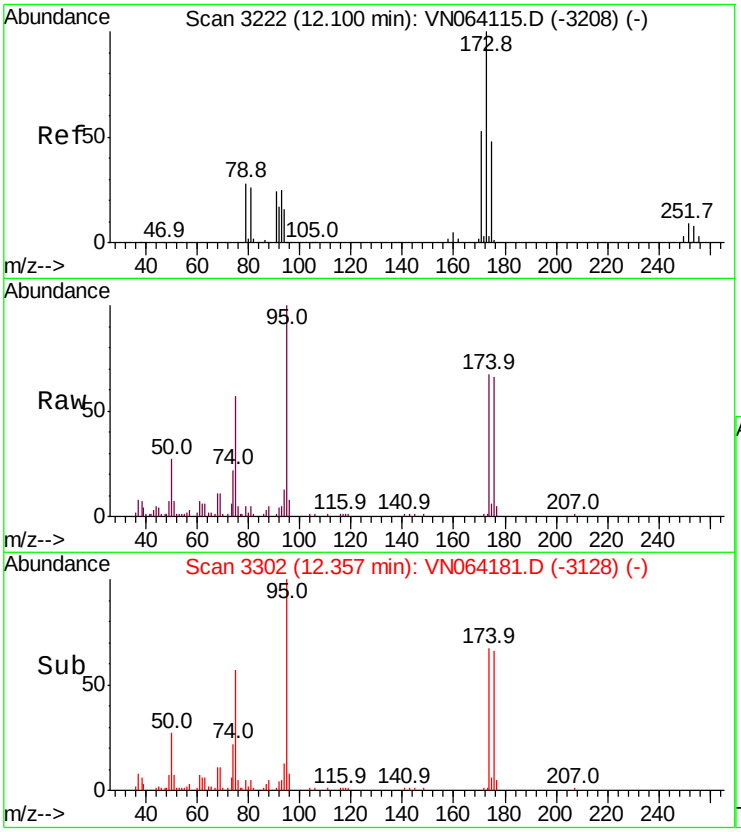


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion:117 Resp: 678733

Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.6	63.8
119	31.7	25.5	38.3



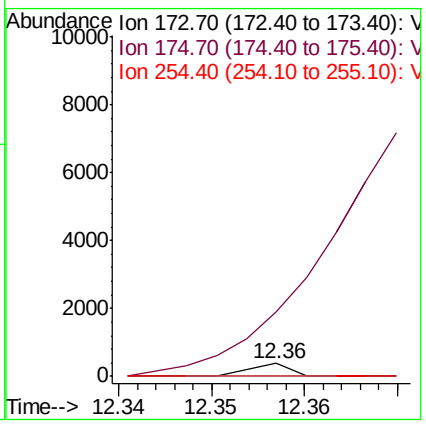


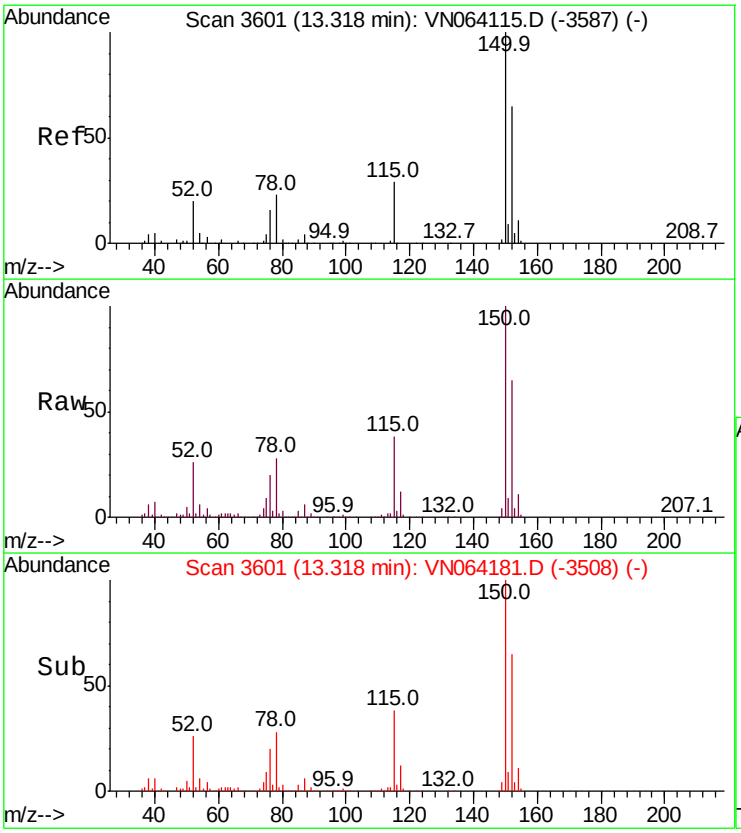
#71
Bromoform
Concen: 2.255 ug/l
RT: 12.36 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion:173 Resp: 114

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.4	70.2#
254	0.0	0.1	0.1#

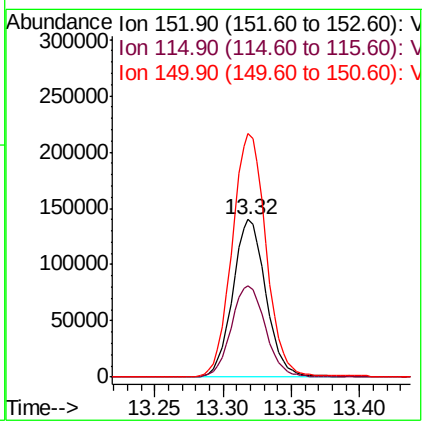


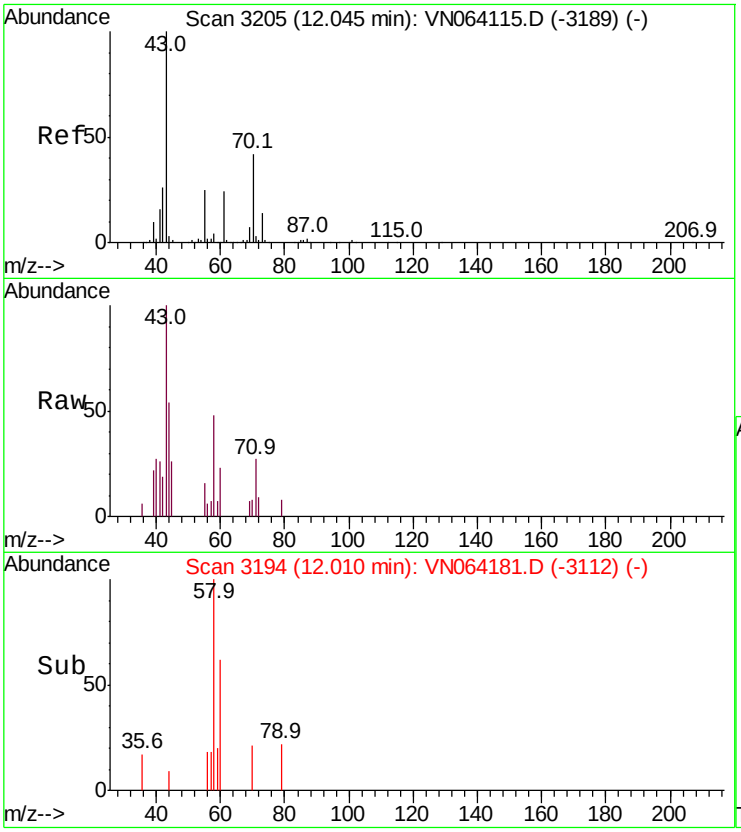


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion:152 Resp: 236236

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.3	87.8
150	158.5	0.0	346.0



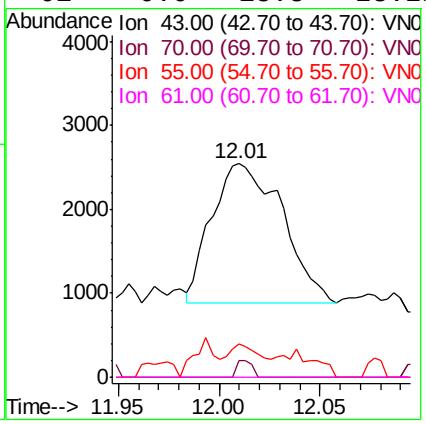


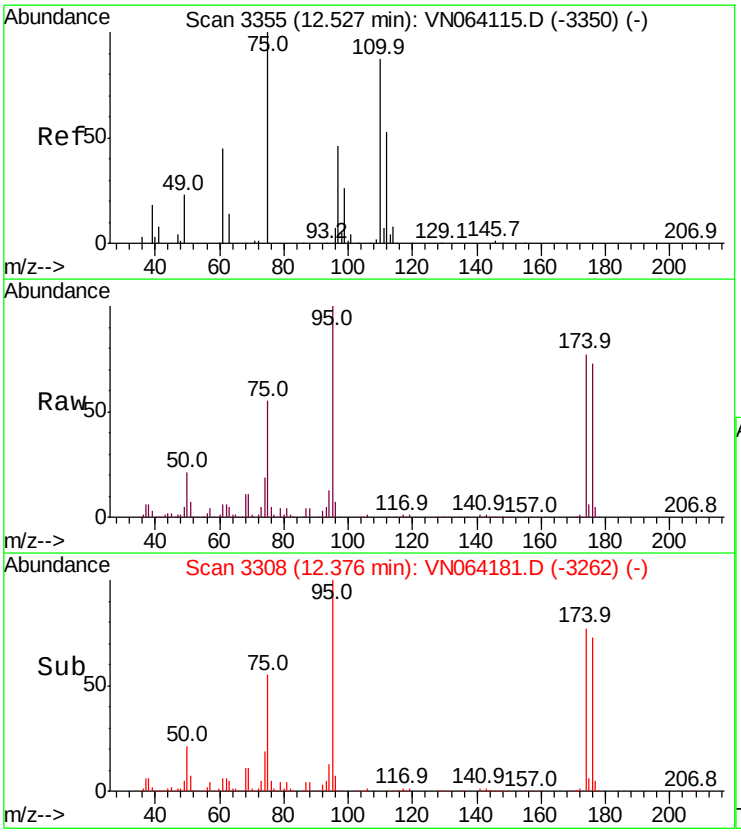
#74
N-amyl acetate
Concen: 0.627 ug/l
RT: 12.01 min Scan# 3194
Delta R.T. -0.04 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument : MSVOA_N
ClientSampleId : JC-02-101420-B

Tgt Ion: 43 Resp: 4021

Ion	Ratio	Lower	Upper
43	100		
70	2.6	33.2	49.8#
55	4.4	19.9	29.9#
61	0.0	18.8	28.2#

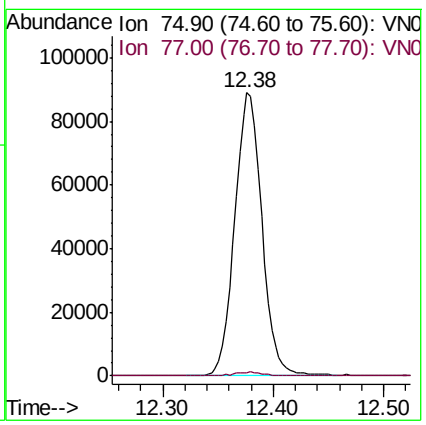


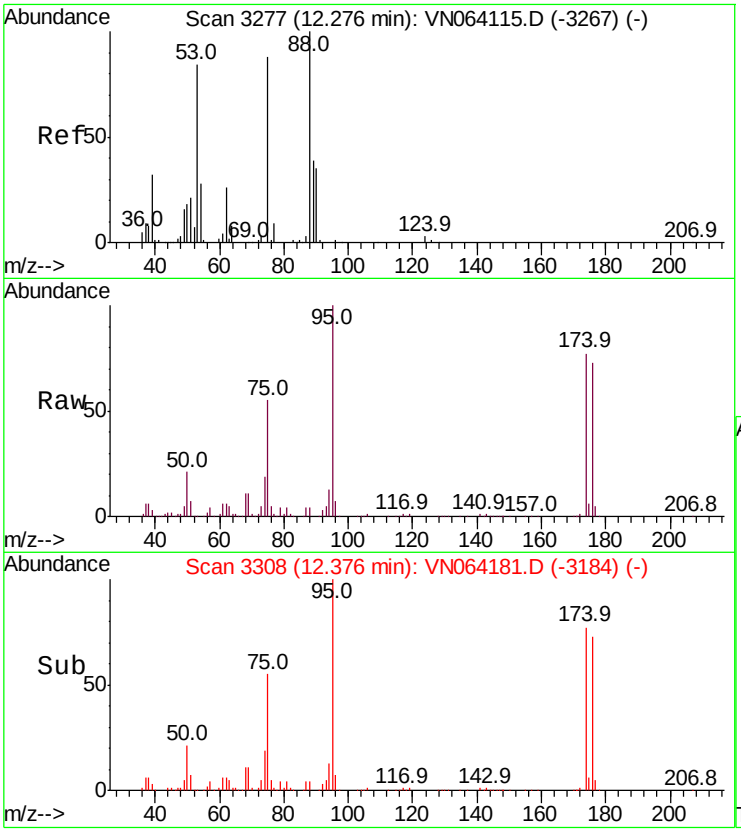


#76
1,2,3-Trichloropropane
Concen: 27.447 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion: 75 Resp: 152117

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



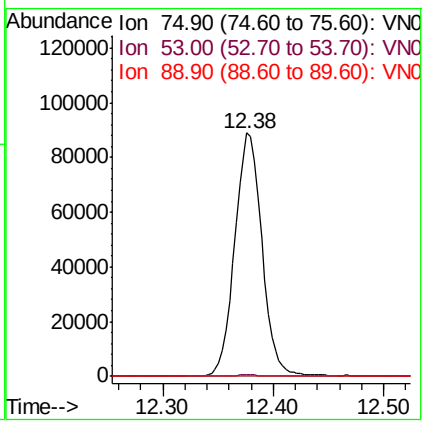


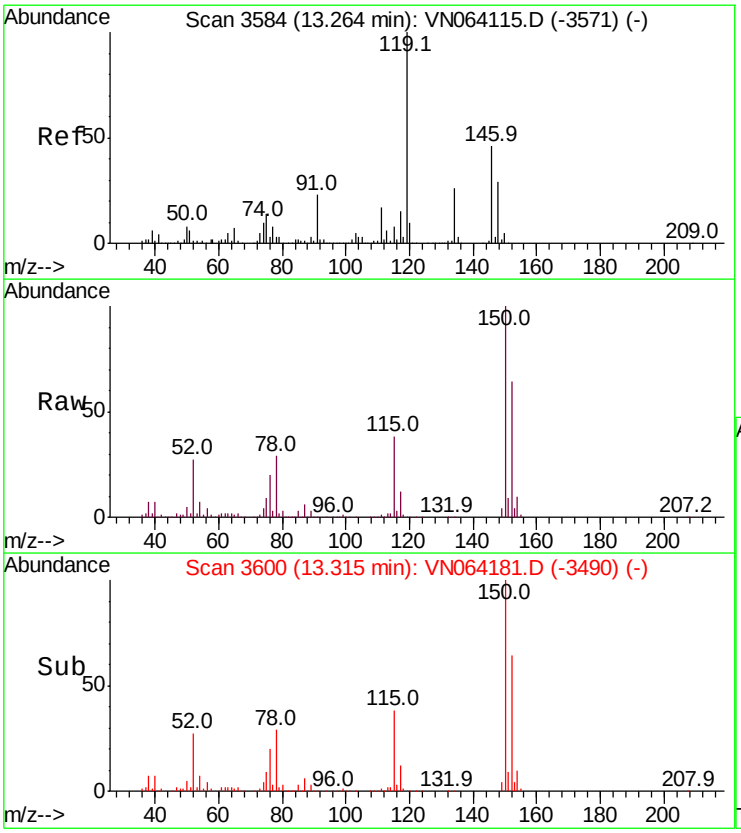
#81
trans-1,4-Dichloro-2-butene
Concen: 83.855 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion: 75 Resp: 152117

Ion	Ratio	Lower	Upper
75	100		
53	0.5	75.7	113.5#
89	0.0	36.6	55.0#

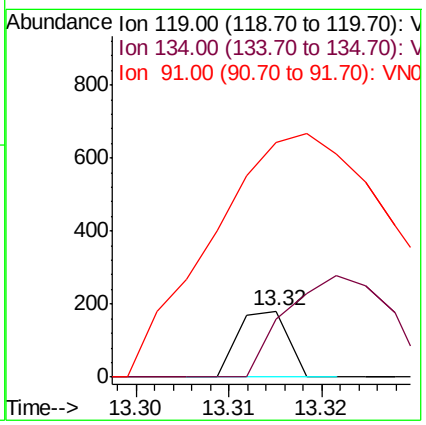


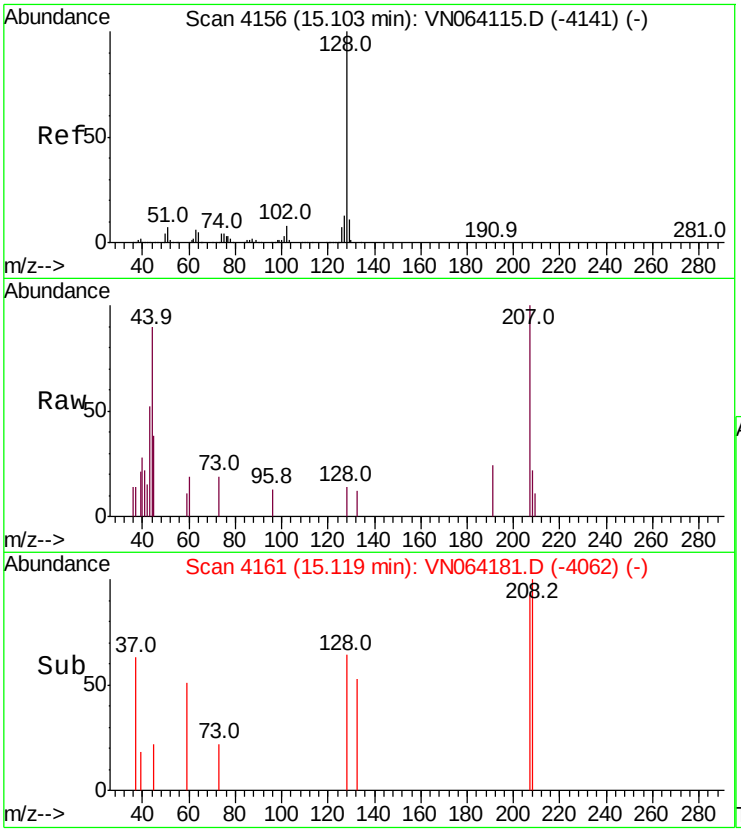


#86
p-Isopropyltoluene
Concen: 0.667 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.05 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Tgt Ion:119 Resp: 67

Ion	Ratio	Lower	Upper
119	100		
134	314.9	13.2	39.5#
91	1382.1	12.0	36.1#





#95
Naphthalene
Concen: 3.806 ug/l
RT: 15.12 min Scan# 4161
Delta R.T. 0.02 min
Lab File: VN064181.D
Acq: 16 Oct 2020 21:53

Instrument :
MSVOA_N
ClientSampleId :
JC-02-101420-B

Tgt Ion:128 Resp: 103

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.5	12.7#