Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032119\
Data File : VN054533.D
Acq On : 22 Mar 2019 2:15
Operator : JC/SP
Sample : K1688-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Quant Time: Mar 22 10:20:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	663184	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1023503	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	831072	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299856	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	414999	50.31	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.62%				
35) Dibromofluoromethane	7.59	113	324279	49.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.36%				
50) Toluene-d8	10.09	98	1194825	48.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.40%				
62) 4-Bromofluorobenzene	12.40	95	361409	42.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.68%				
Target Compounds							Qvalue
13) Acrolein	3.60	56	365	0.530	ug/l	#	81
16) Acetone	3.82	43	23194	9.352	ug/l		88
18) Methyl Acetate	4.33	43	2915	0.527	ug/l	#	59
20) Methylene Chloride	4.55	84	251603	34.416	ug/l	#	86
29) Tetrahydrofuran	7.22	42	552	0.268	ug/l	#	30
30) Chloroform	7.37	83	7150	0.573	ug/l		85
31) Cyclohexane	7.67	56	13265	Below Cal		#	1
36) 1,1-Dichloropropene	7.66	75	48354	5.053	ug/l	#	47
38) Carbon Tetrachloride	7.67	117	60615	6.518	ug/l	#	16
43) Isopropyl Acetate	8.18	43	18782	1.634	ug/l	#	91
45) 1,2-Dichloropropane	9.27	63	1797	0.245	ug/l	#	43
47) Bromodichloromethane	9.41	83	1978	0.217	ug/l	#	83
48) Methyl methacrylate	9.18	41	9338	1.497	ug/l	#	29
49) 1,4-Dioxane	9.27	88	117	1.677	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	9668	1.518	ug/l	#	36
53) t-1,3-Dichloropropene	10.37	75	31	2.235	ug/l	#	25
54) cis-1,3-Dichloropropene	9.91	75	65629	6.291	ug/l	#	69
57) 1,3-Dichloropropane	10.77	76	12815	1.218	ug/l	#	43
59) 2-Hexanone	10.77	43	211606	50.852	ug/l	#	47
71) Bromoform	12.40	173	1087	2.469	ug/l	#	1
74) N-amyl acetate	11.88	43	22752	3.275	ug/l	#	52
76) 1,2,3-Trichloropropane	12.40	75	184078	38.686	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	7434	0.375	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	184078	128.076	ug/l	#	11
84) 1,2,4-Trimethylbenzene	13.04	105	7100	0.365	ug/l		98
94) Hexachlorobutadiene	15.02	225	126	Below Cal		#	53
95) Naphthalene	15.13	128	13435	1.256	ug/l	#	95

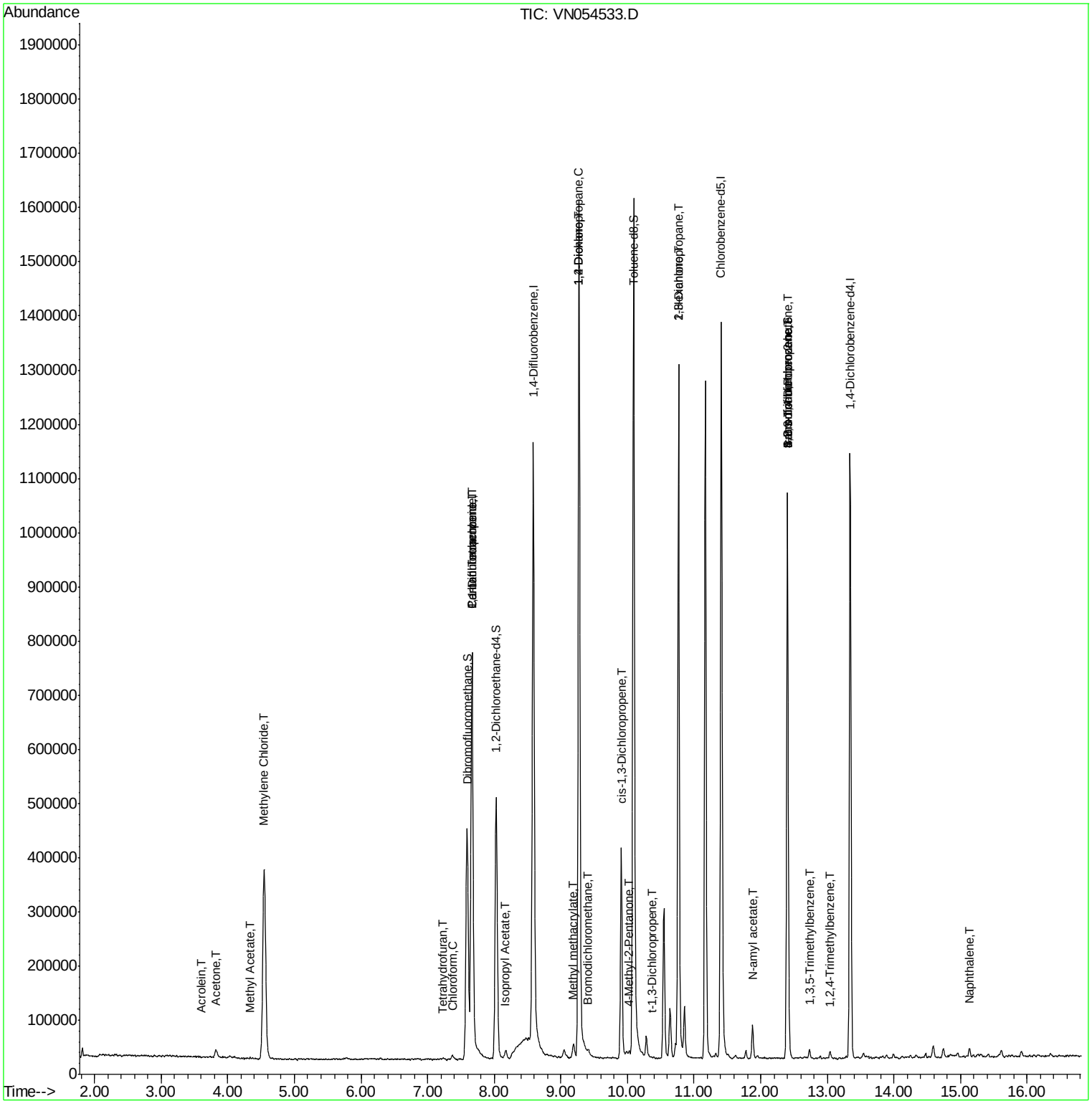
(#) = qualifier out of range (m) = manual integration (+) = signals summed

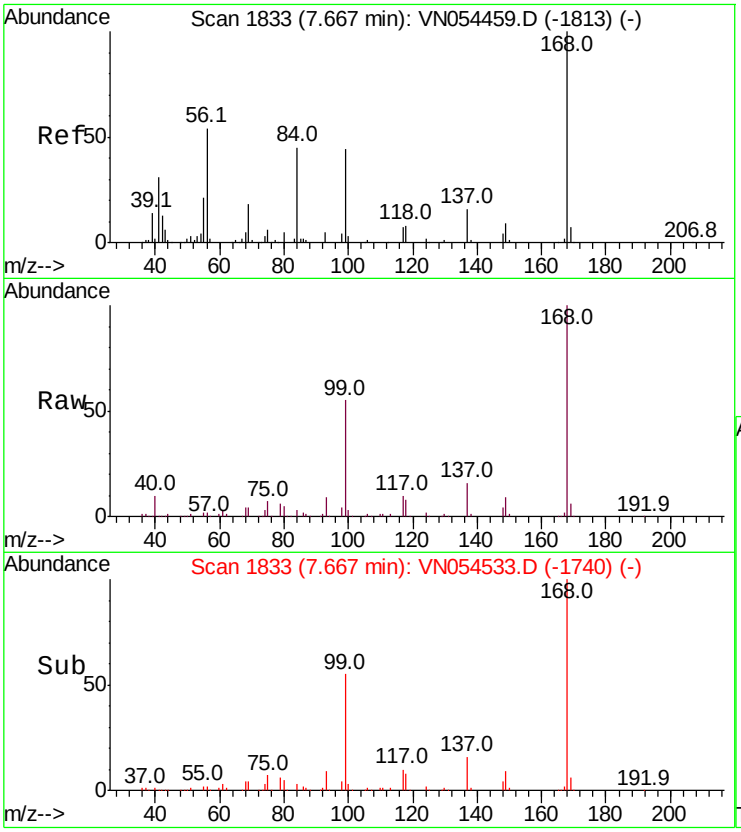
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032119\
Data File : VN054533.D
Acq On : 22 Mar 2019 2:15
Operator : JC/SP
Sample : K1688-22
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Quant Time: Mar 22 10:20:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration



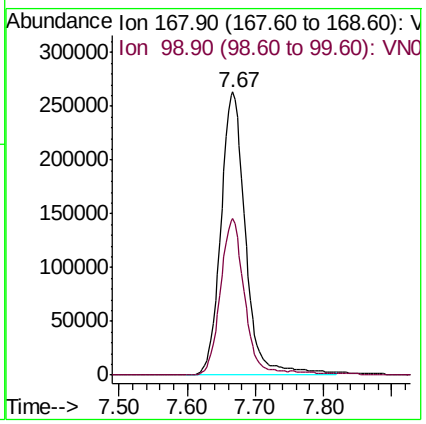


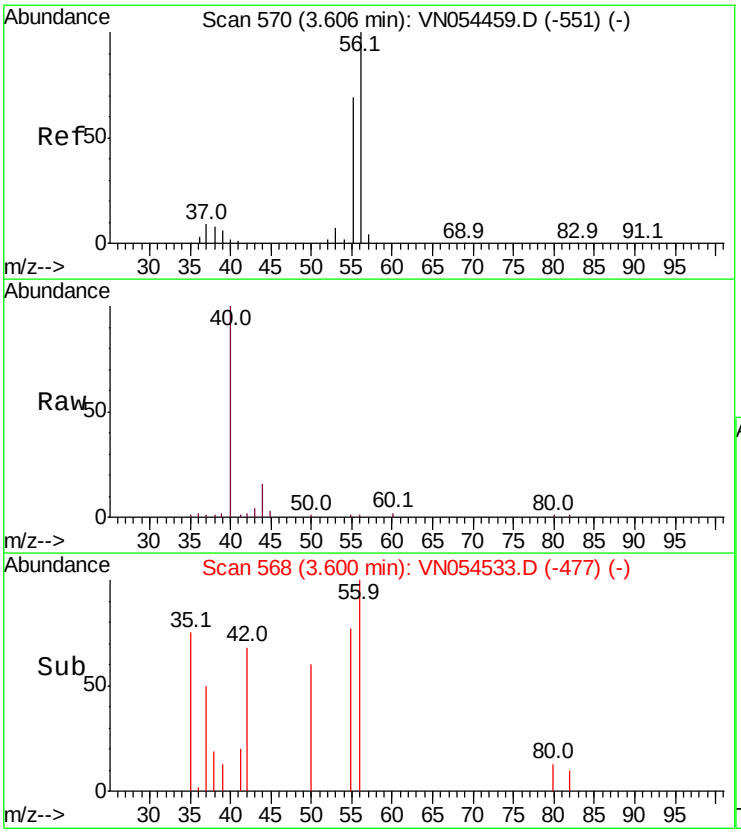
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion:168 Resp: 663184

Ion	Ratio	Lower	Upper
168	100		
99	55.4	37.1	55.7

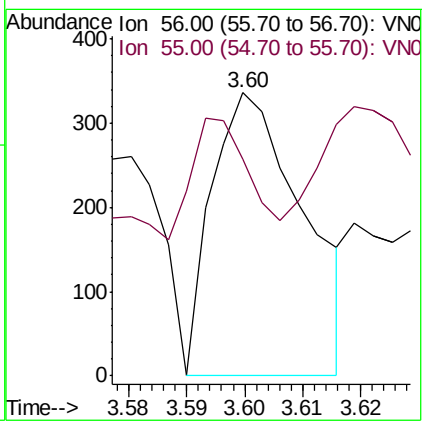


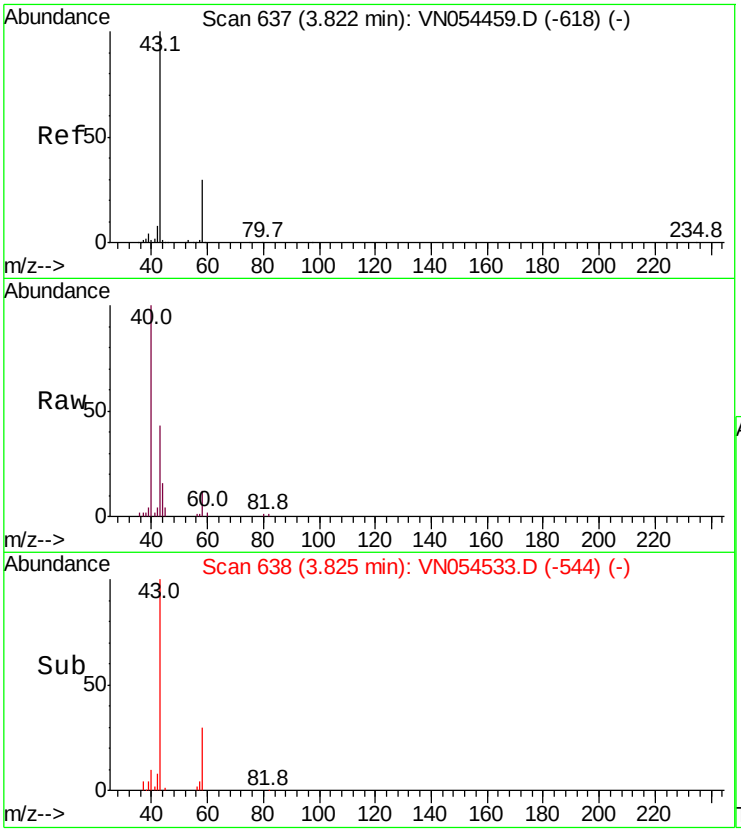


#13
Acrolein
Concen: 0.530 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 56 Resp: 365

Ion	Ratio	Lower	Upper
56	100		
55	55.1	56.7	85.1#



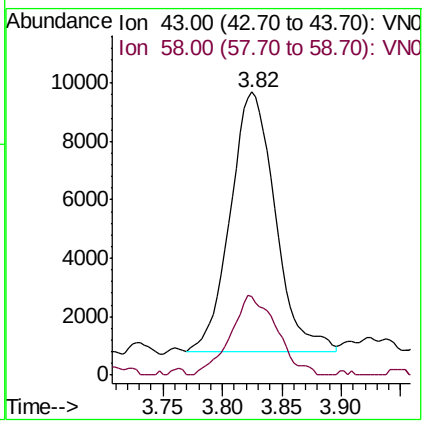


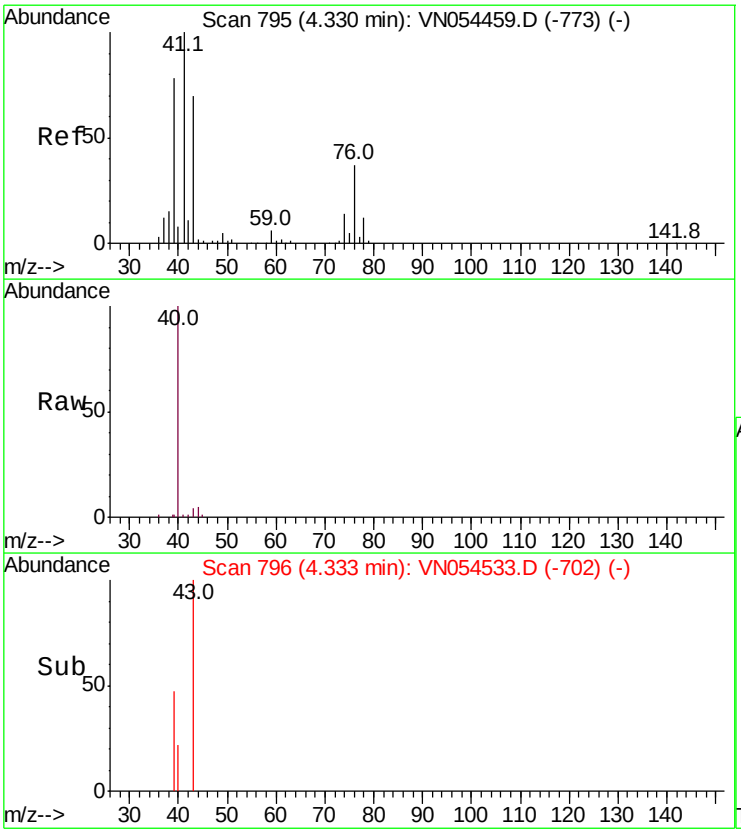
#16
Acetone
Concen: 9.352 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion: 43 Resp: 23194

Ion	Ratio	Lower	Upper
43	100		
58	30.3	29.9	44.9

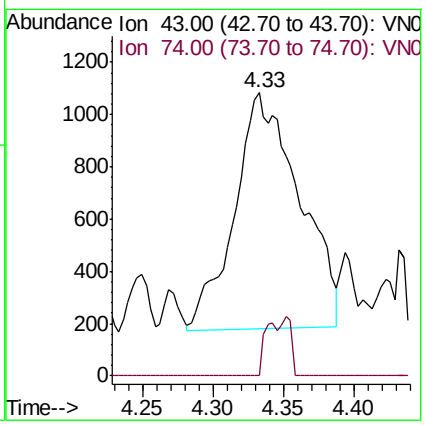


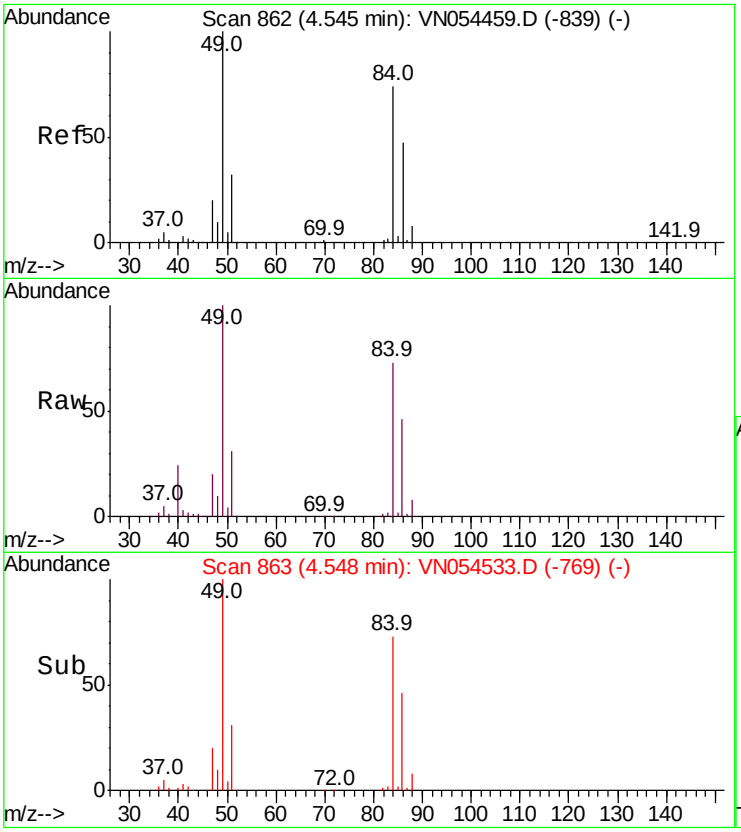


#18
Methyl Acetate
Concen: 0.527 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 43 Resp: 2915

Ion	Ratio	Lower	Upper
43	100		
74	4.9	20.8	31.2#



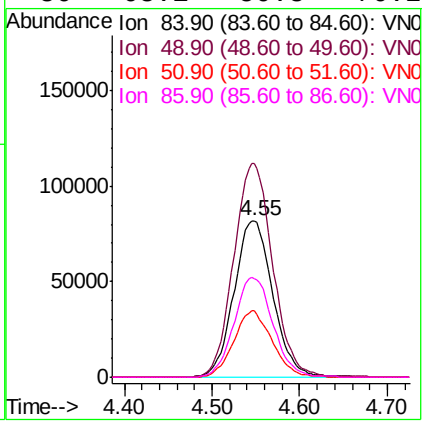


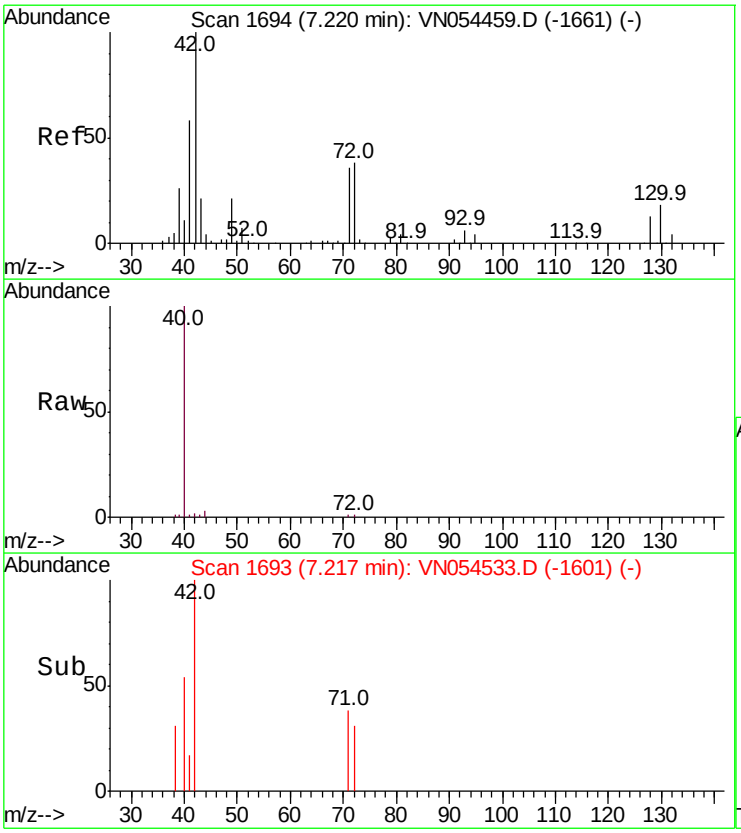
#20
Methylene Chloride
Concen: 34.416 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Tgt Ion: 84 Resp: 251603

Ion	Ratio	Lower	Upper
84	100		
49	136.1	89.7	134.5#
51	42.4	28.2	42.4#
86	63.1	50.8	76.2

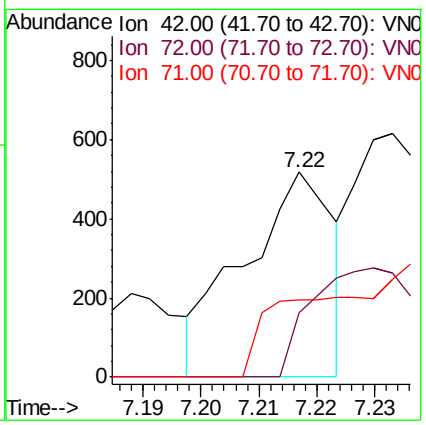


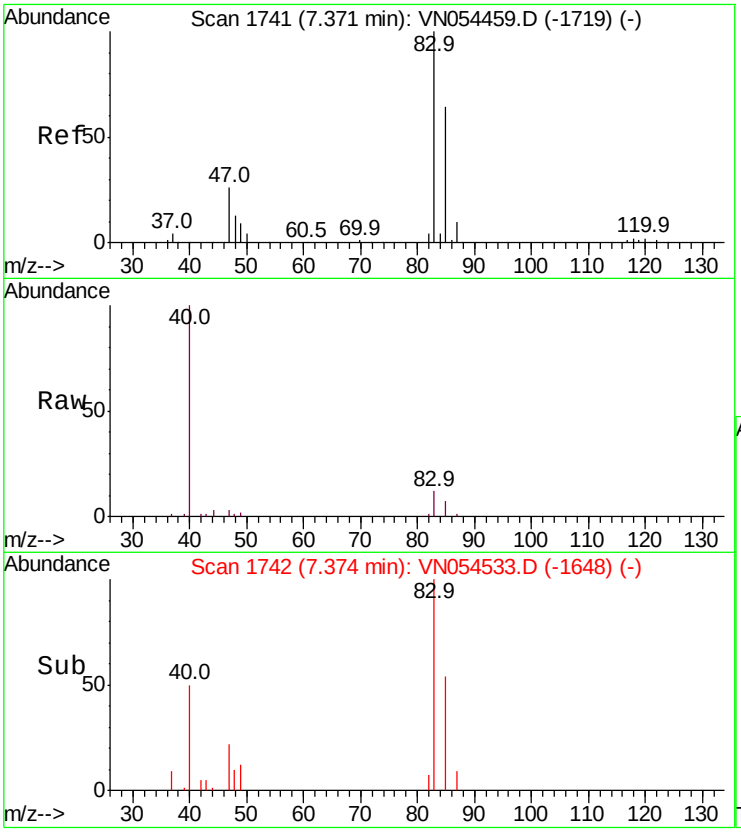


#29
Tetrahydrofuran
Concen: 0.268 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 42 Resp: 552

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.8	56.6#
71	0.0	36.2	54.2#



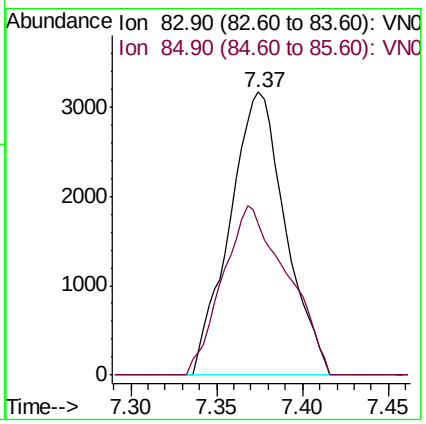


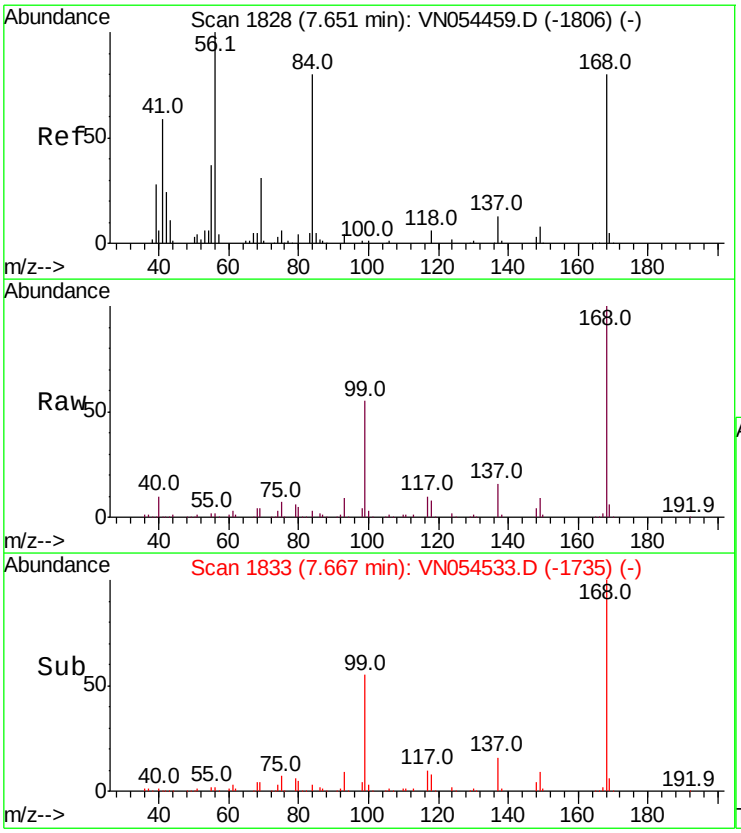
#30
Chloroform
Concen: 0.573 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion: 83 Resp: 7150

Ion	Ratio	Lower	Upper
83	100		
85	53.6	52.2	78.4

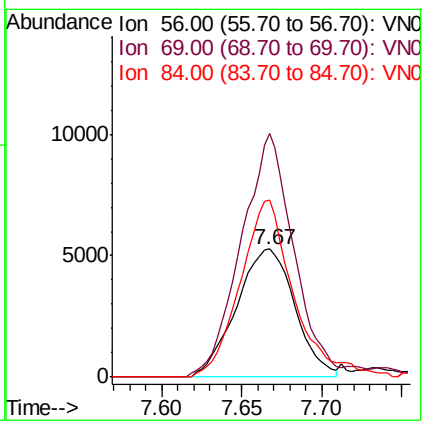


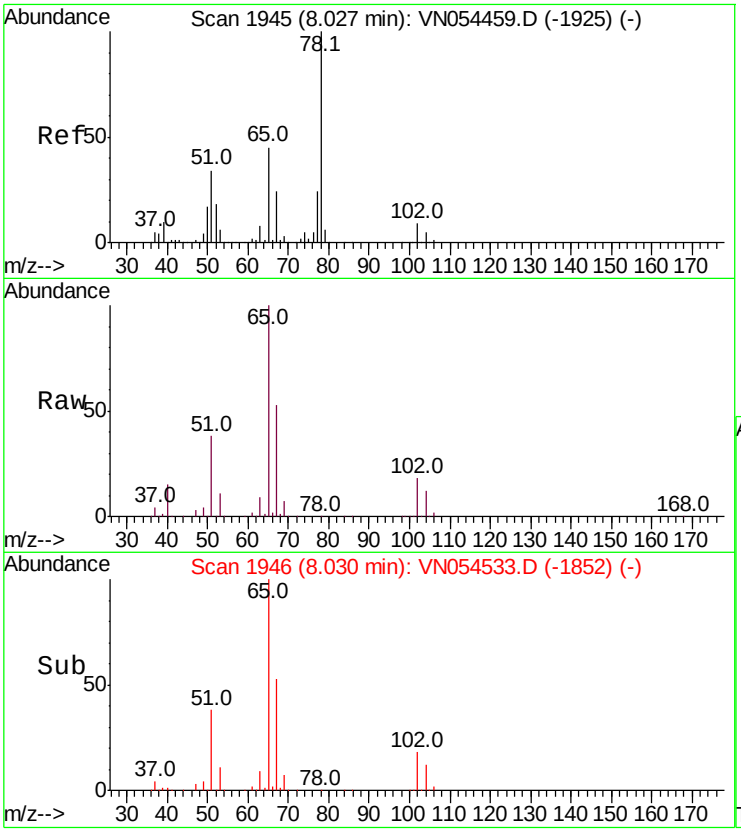


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 56 Resp: 13265

Ion	Ratio	Lower	Upper
56	100		
69	190.0	27.8	41.6#
84	137.9	74.6	111.8#



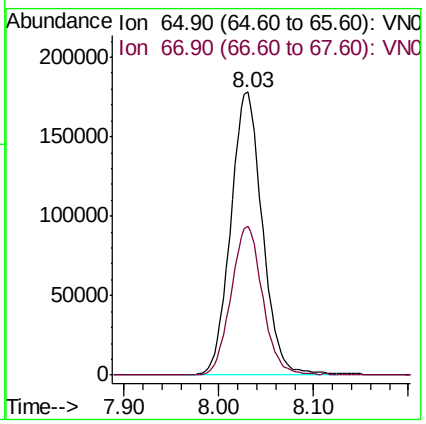


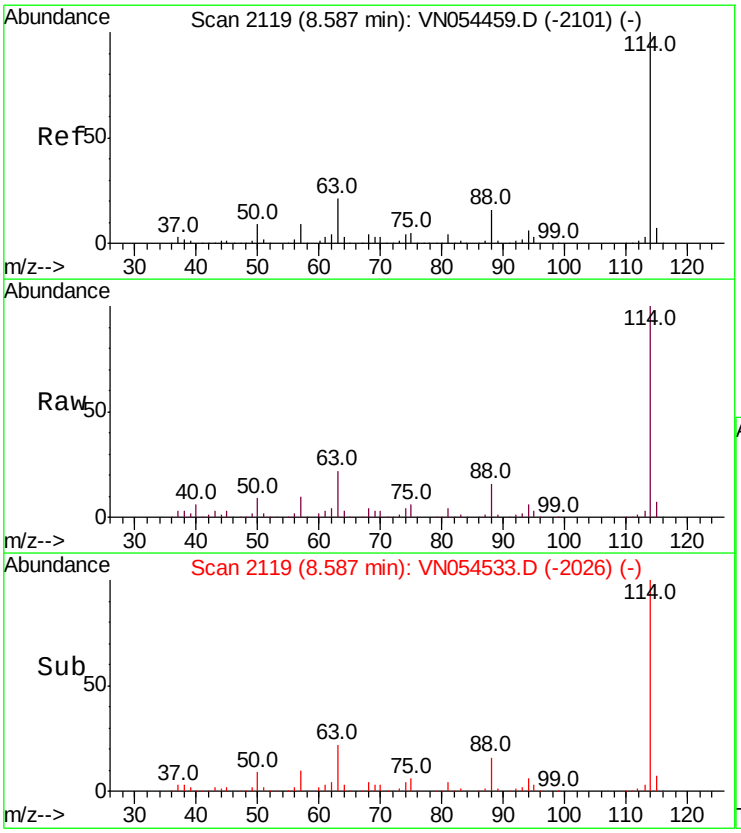
#33
1,2-Dichloroethane-d4
Concen: 50.309 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion: 65 Resp: 414999

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6

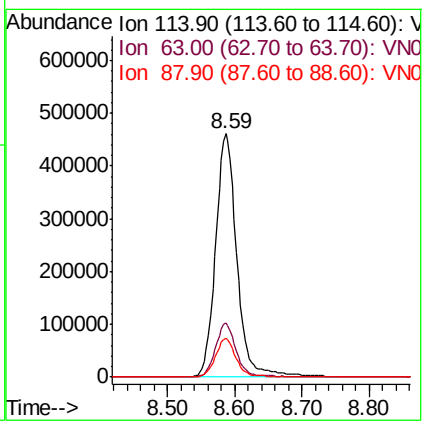


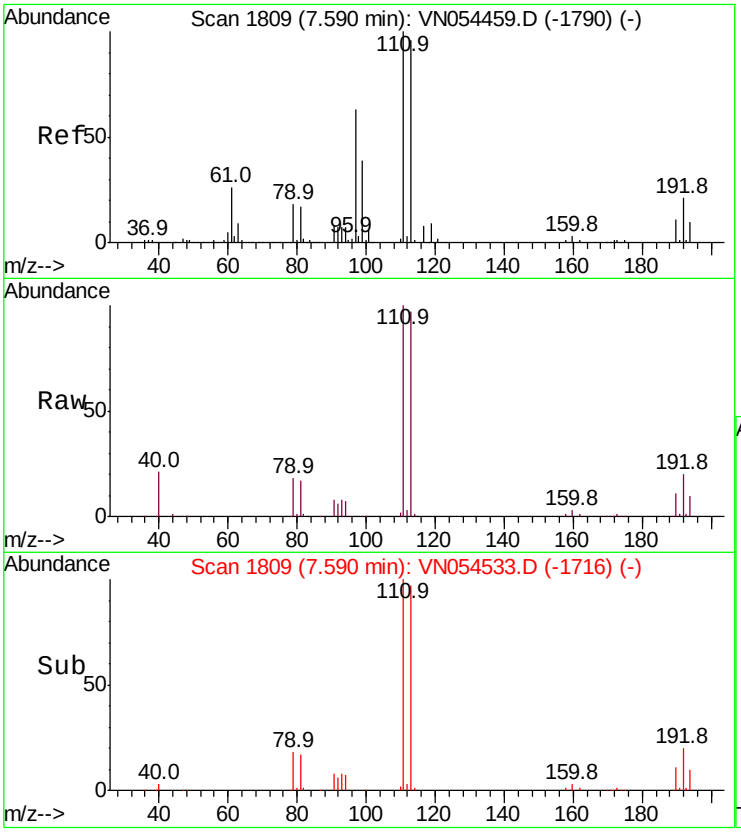


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion:114 Resp: 1023503

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	35.2
88	16.0	0.0	30.2



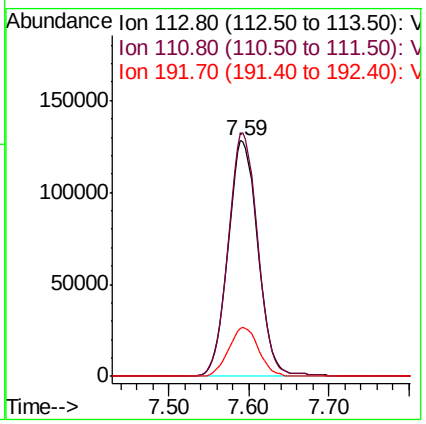


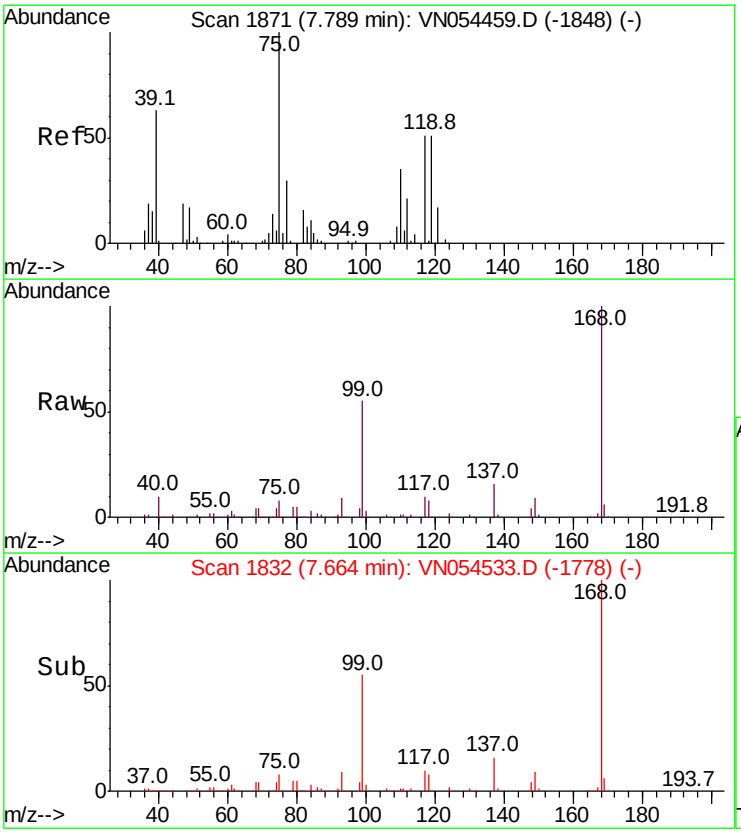
#35
Dibromofluoromethane
Concen: 49.179 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Tgt Ion:113 Resp: 324279

Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	20.9	19.2	28.8

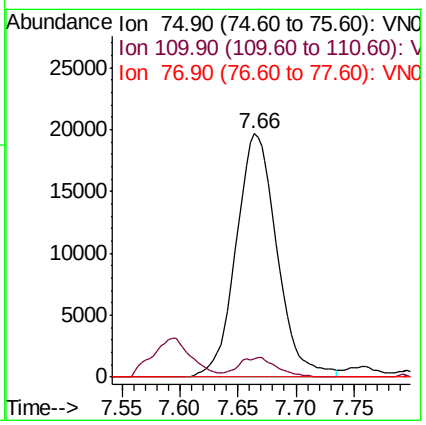


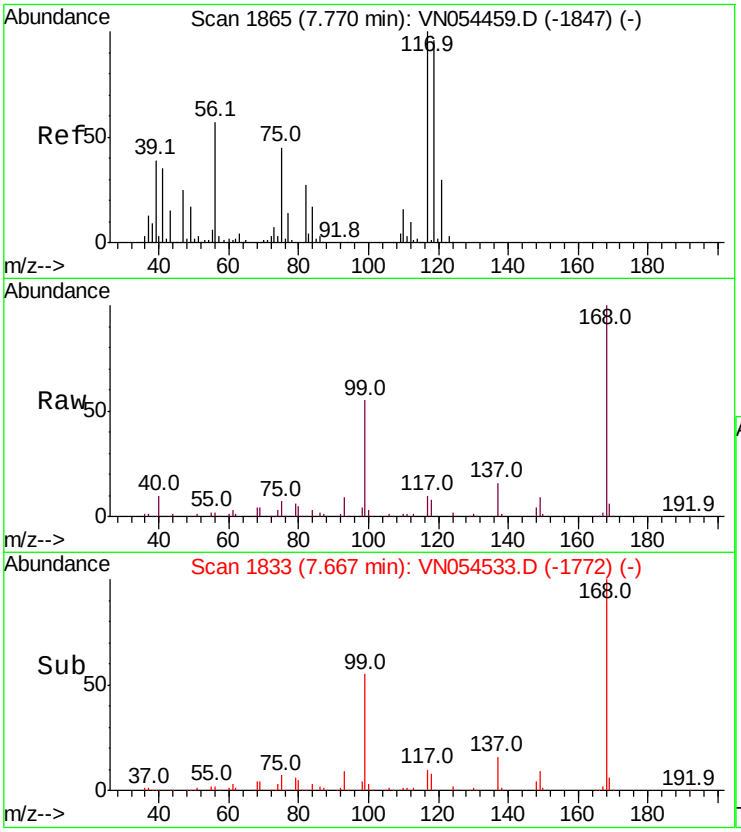


#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 75 Resp: 48354

Ion	Ratio	Lower	Upper
75	100		
110	7.7	19.1	57.5#
77	0.0	25.0	37.4#



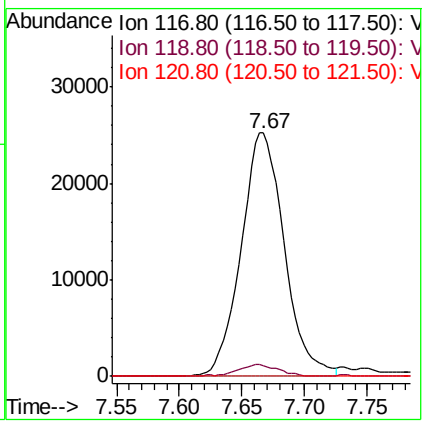


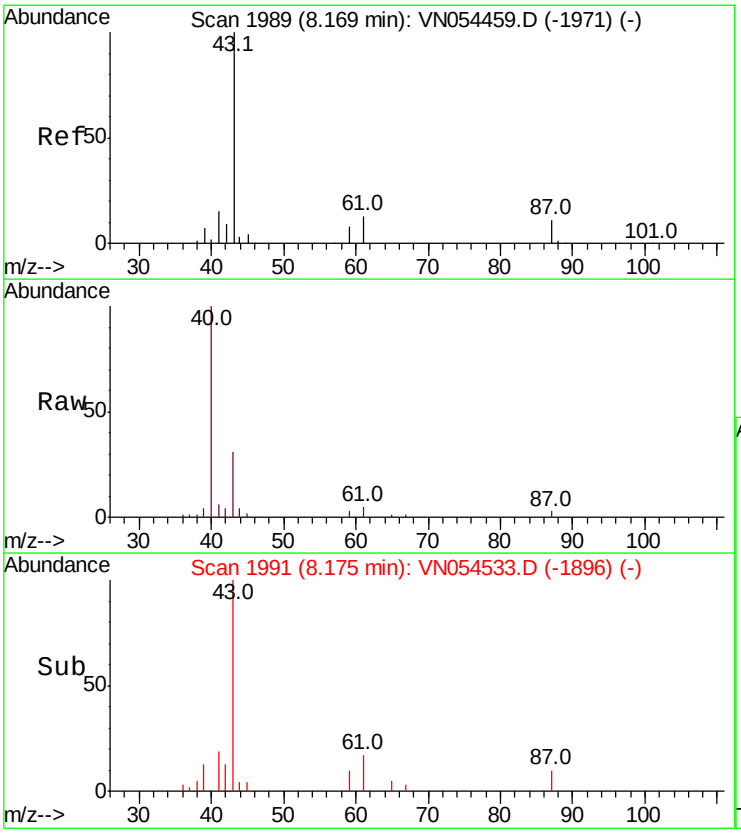
#38
Carbon Tetrachloride
Concen: 6.518 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion:117 Resp: 60615

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.3	114.5#
121	0.0	24.6	36.8#

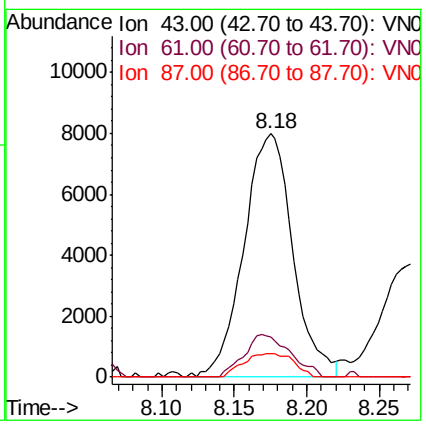


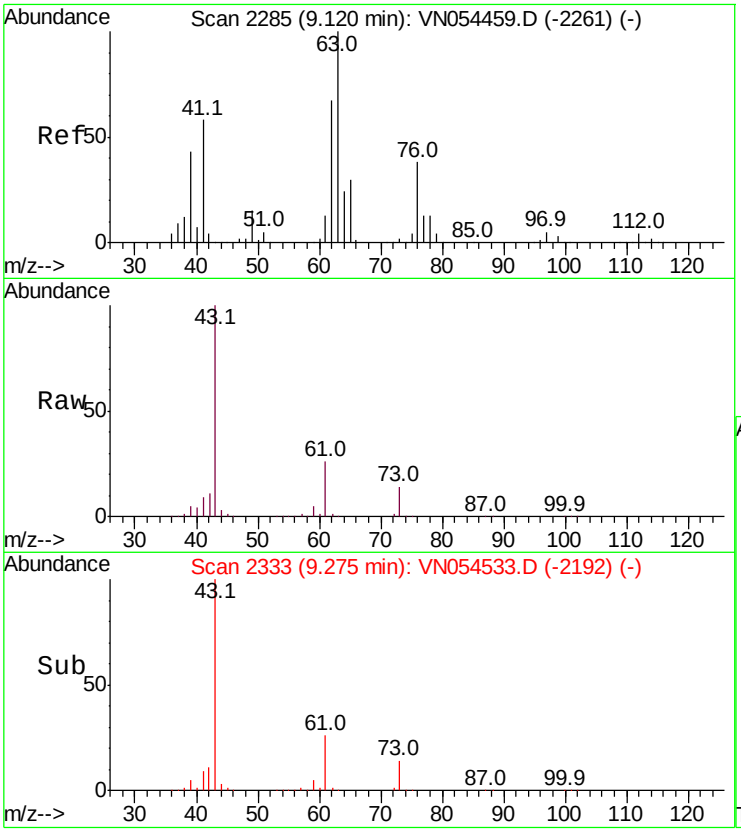


#43
Isopropyl Acetate
Concen: 1.634 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 43 Resp: 18782

Ion	Ratio	Lower	Upper
43	100		
61	16.5	15.8	23.8
87	9.8	12.0	18.0#



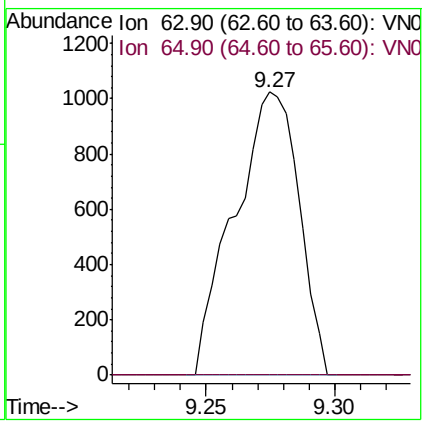


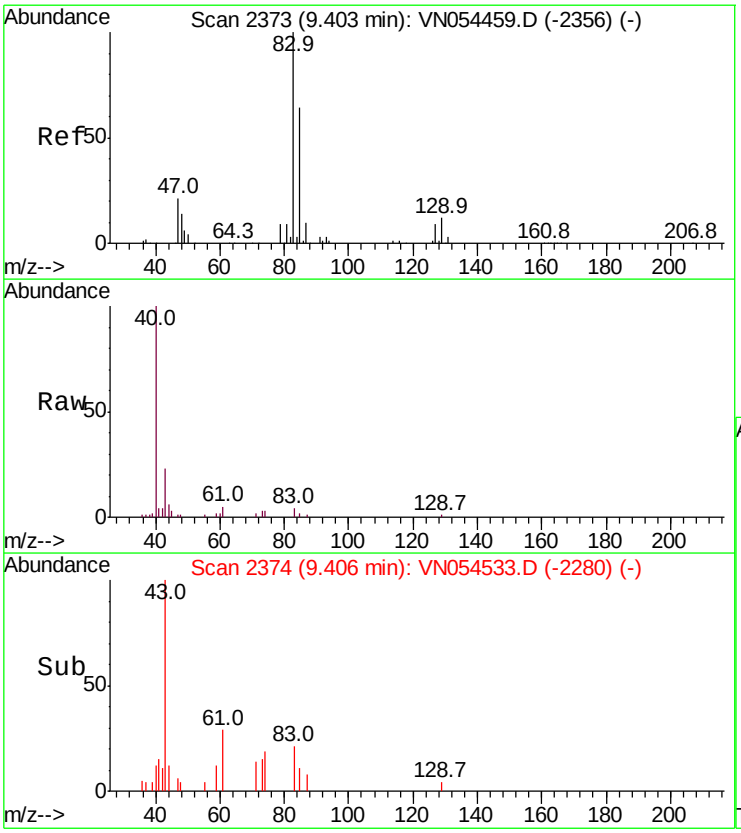
#45
1,2-Dichloropropane
Concen: 0.245 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.15 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Tgt Ion: 63 Resp: 1797

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

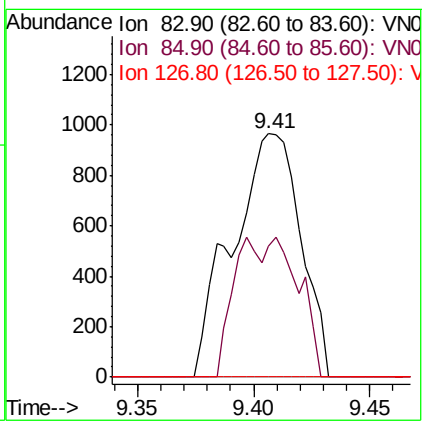


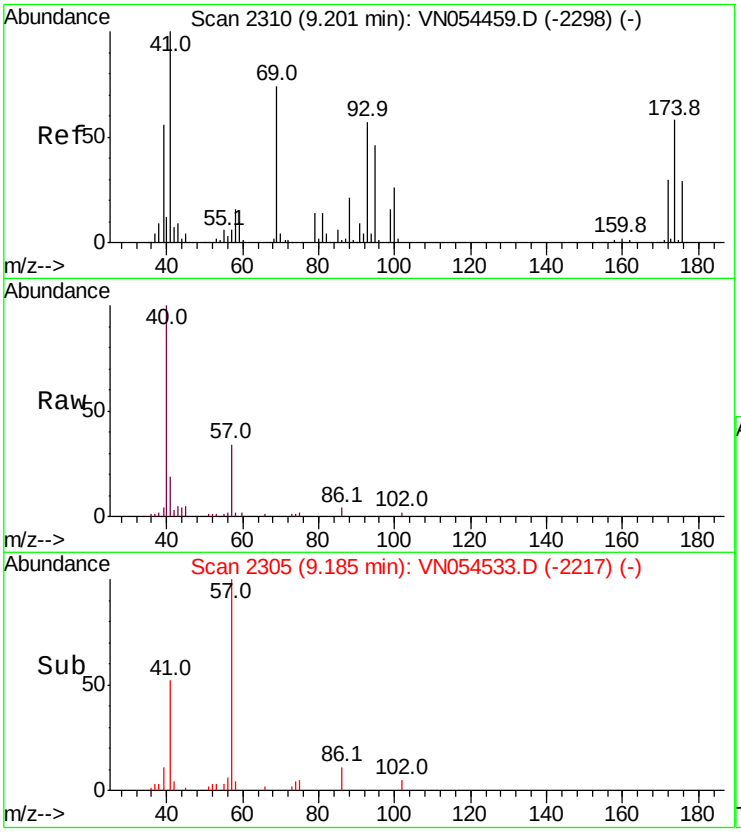


#47
Bromodichloromethane
Concen: 0.217 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 83 Resp: 1978

Ion	Ratio	Lower	Upper
83	100		
85	53.5	52.8	79.2
127	0.0	7.4	11.2#



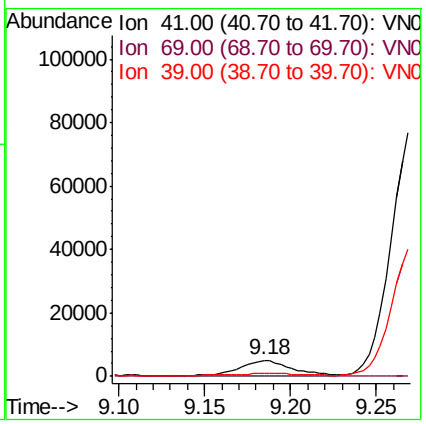


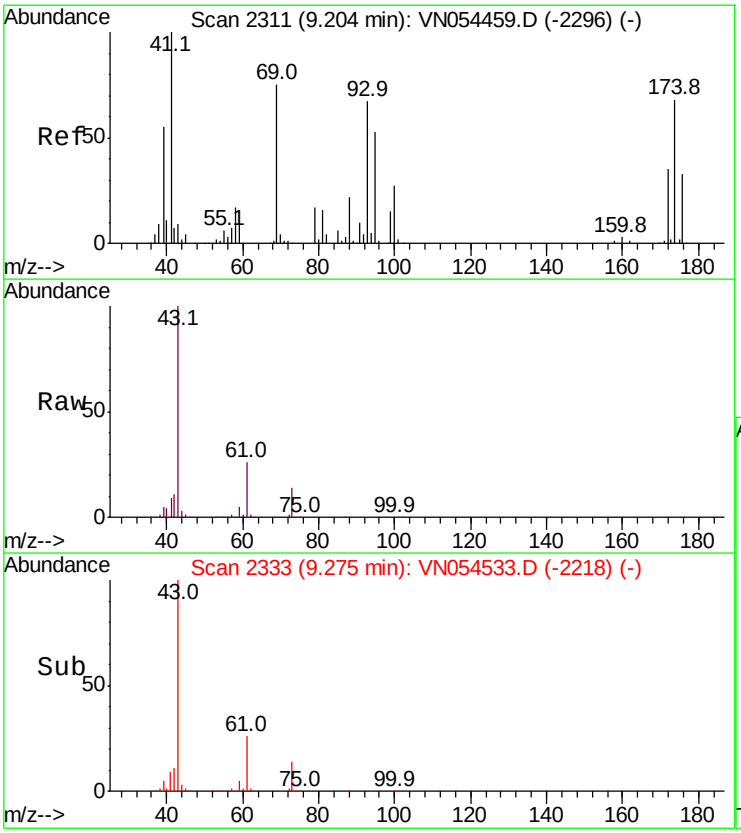
#48
Methyl methacrylate
Concen: 1.497 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Tgt Ion: 41 Resp: 9338

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.6	108.8#
39	34.7	47.5	71.3#

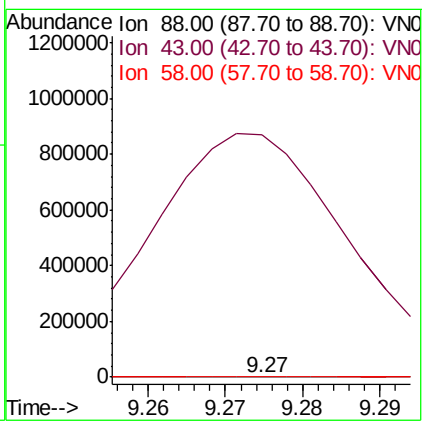


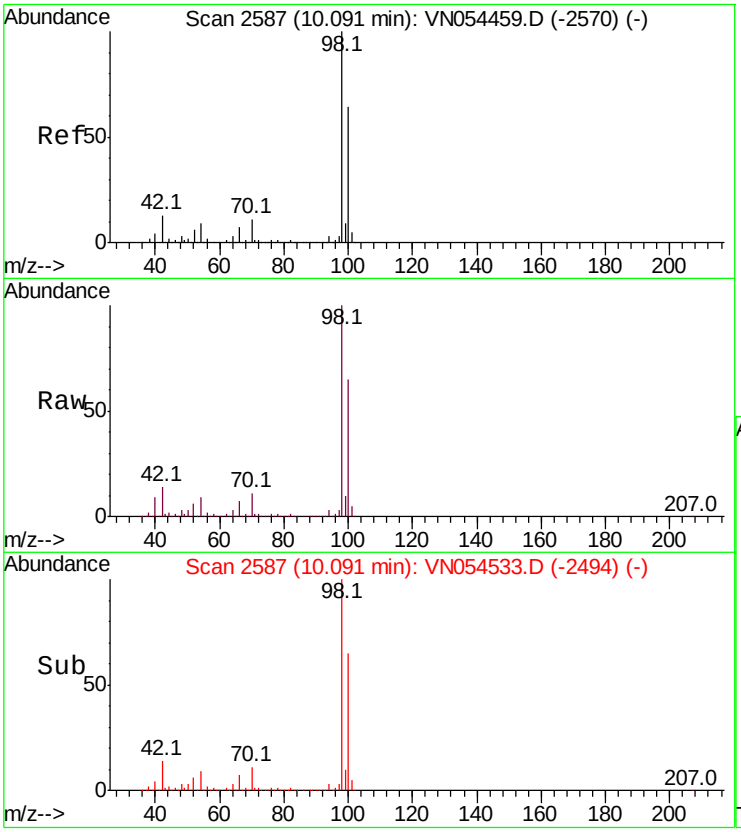


#49
1,4-Dioxane
Concen: 1.677 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 88 Resp: 117

Ion	Ratio	Lower	Upper
88	100		
43	1465623.1	24.1	36.1#
58	5341.9	50.8	76.2#



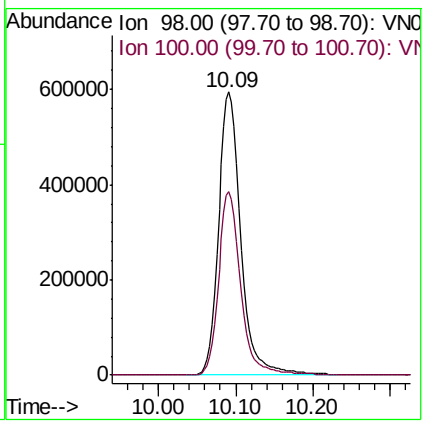


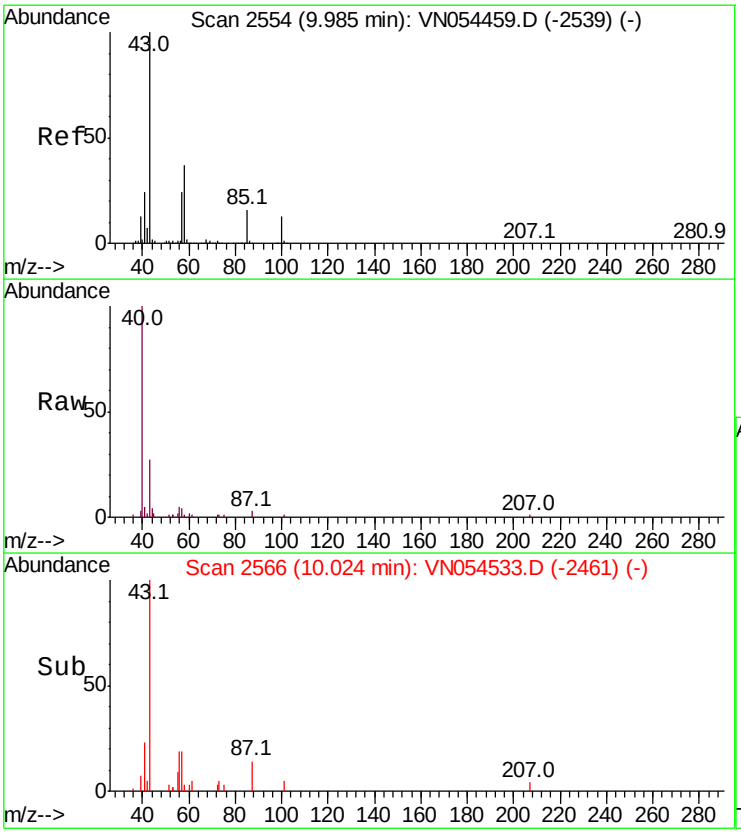
#50
Toluene-d8
Concen: 48.200 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion: 98 Resp: 1194825

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

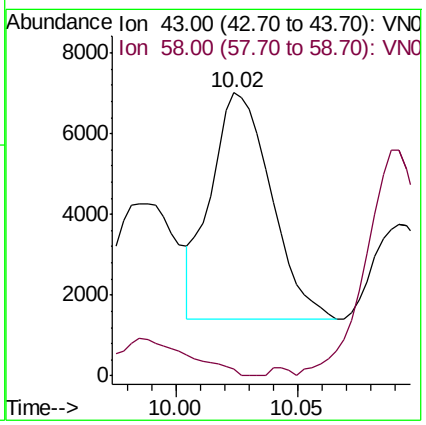


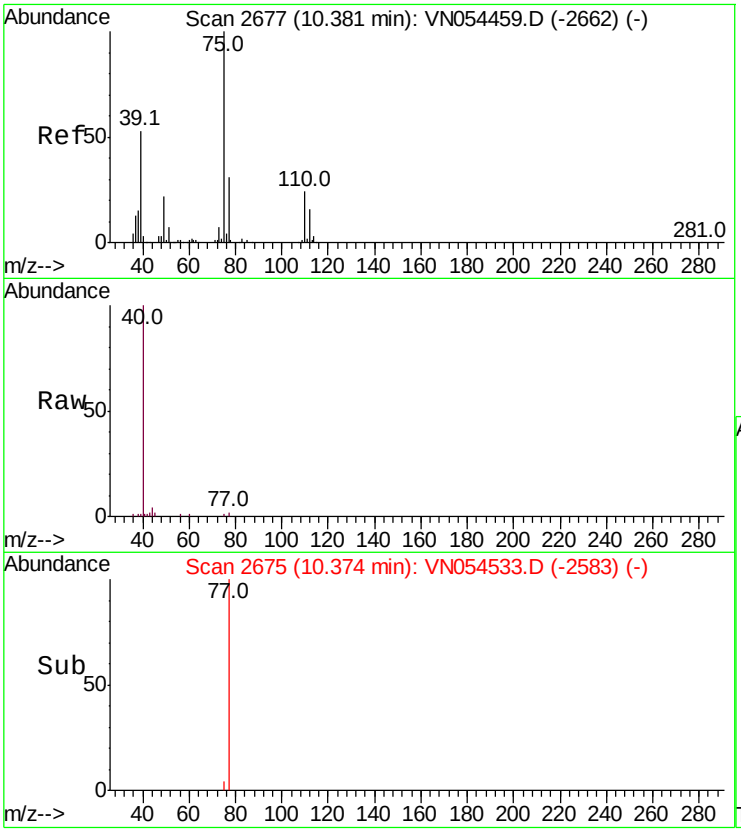


#51
4-Methyl-2-Pentanone
Concen: 1.518 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 43 Resp: 9668

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



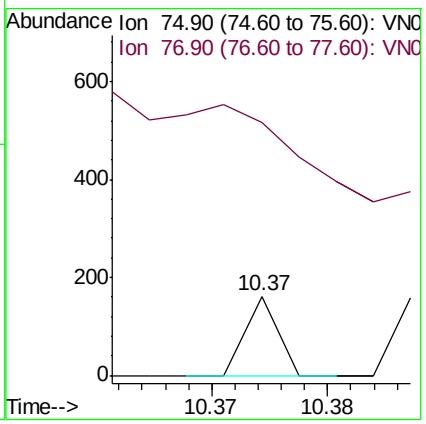


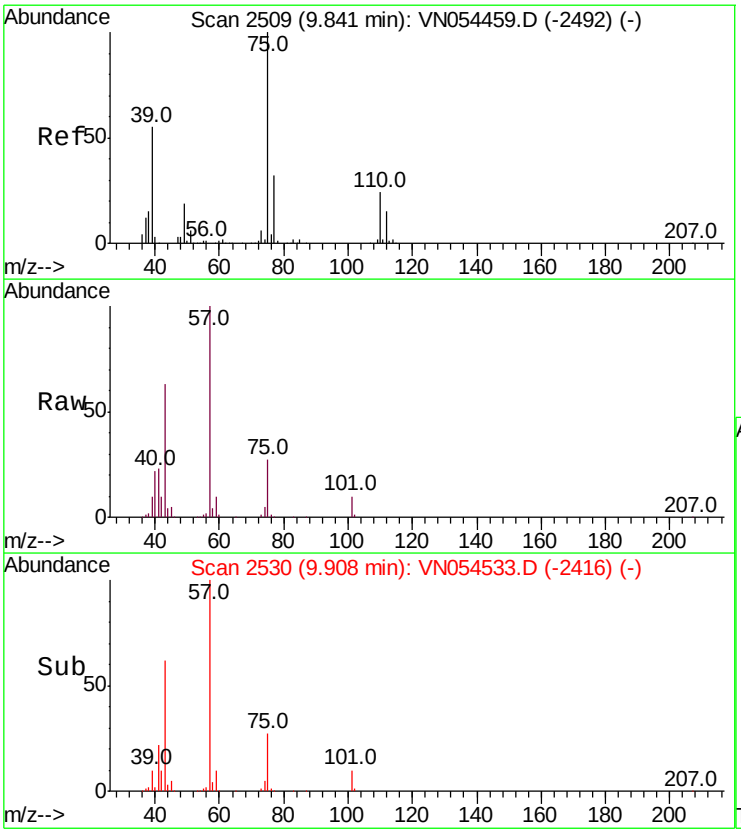
#53
t-1,3-Dichloropropene
Concen: 2.235 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.01 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Tgt Ion: 75 Resp: 31

Ion	Ratio	Lower	Upper
75	100		
77	74.5	25.8	38.8#

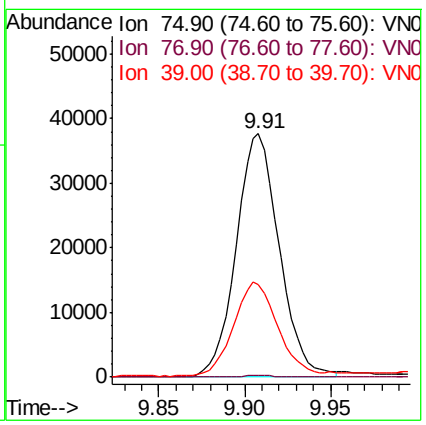


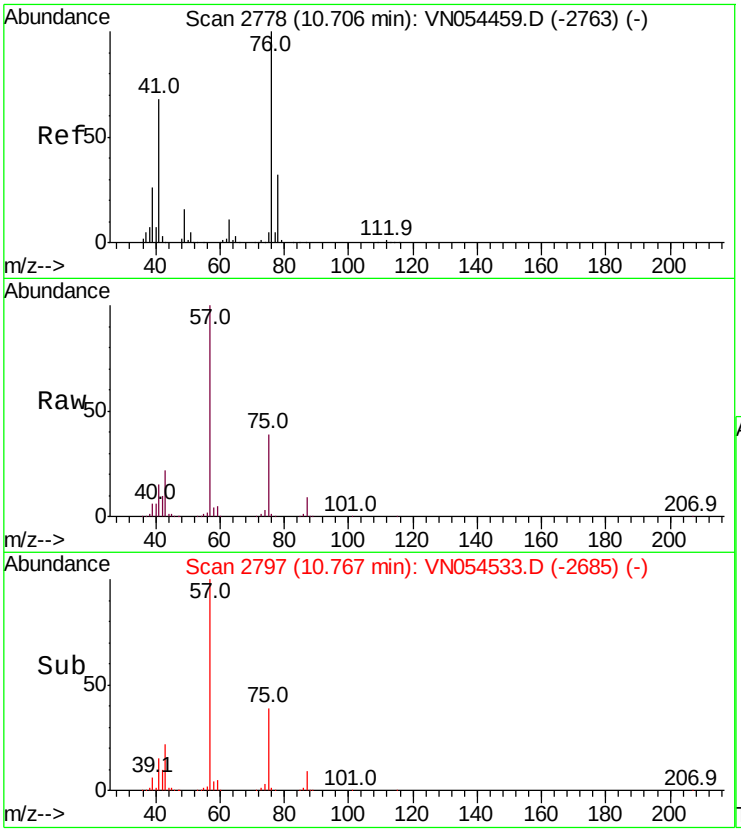


#54
cis-1,3-Dichloropropene
Concen: 6.291 ug/l
RT: 9.91 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 75 Resp: 65629

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.4	38.0#
39	37.1	37.2	55.8#



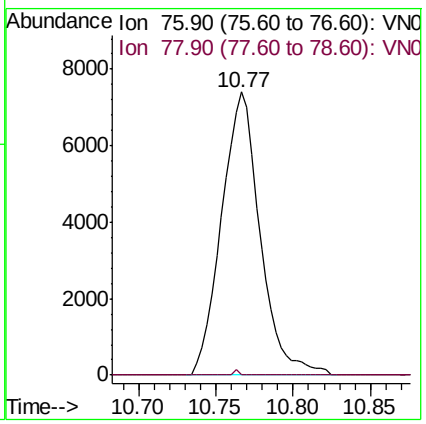


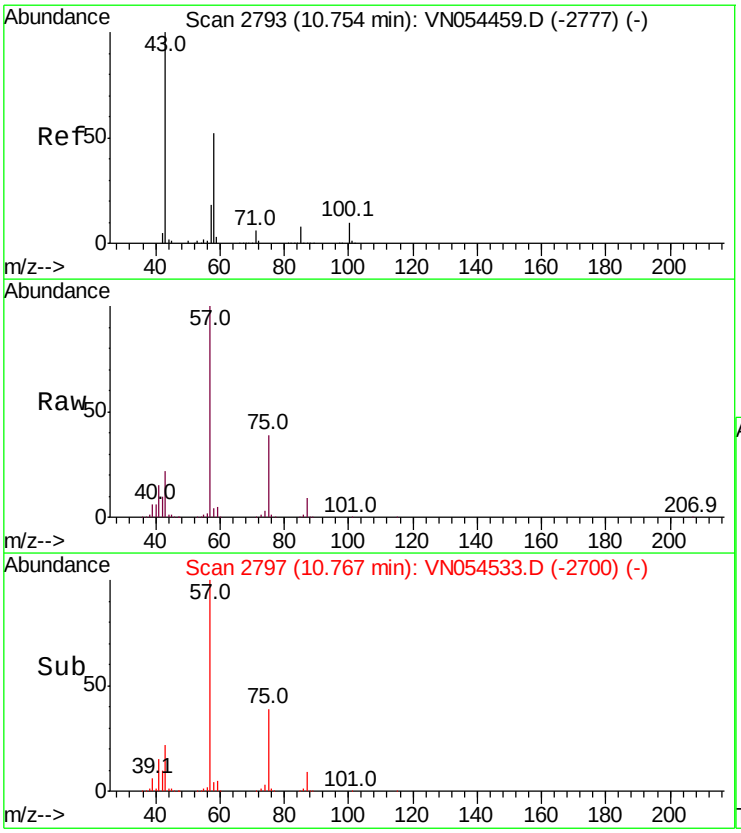
#57
1,3-Dichloropropane
Concen: 1.218 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion: 76 Resp: 12815

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.7	38.5#

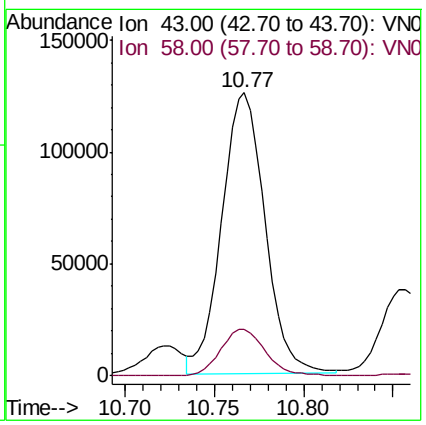


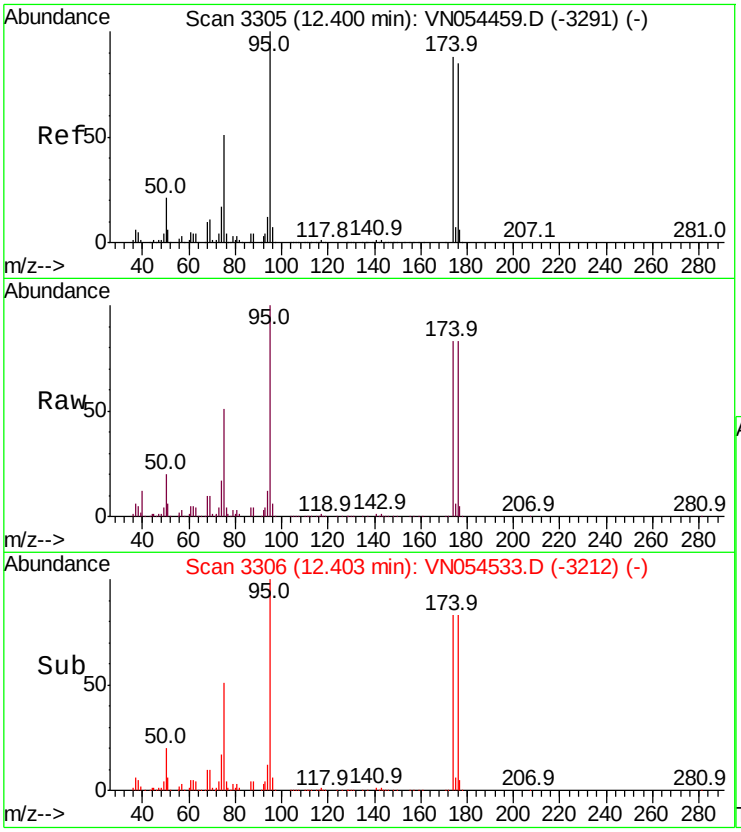


#59
2-Hexanone
Concen: 50.852 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 43 Resp: 211606

Ion	Ratio	Lower	Upper
43	100		
58	17.5	28.0	83.9#



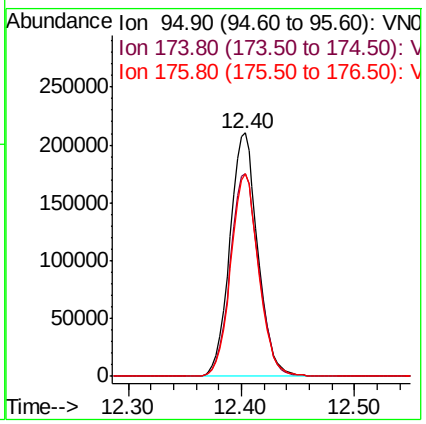


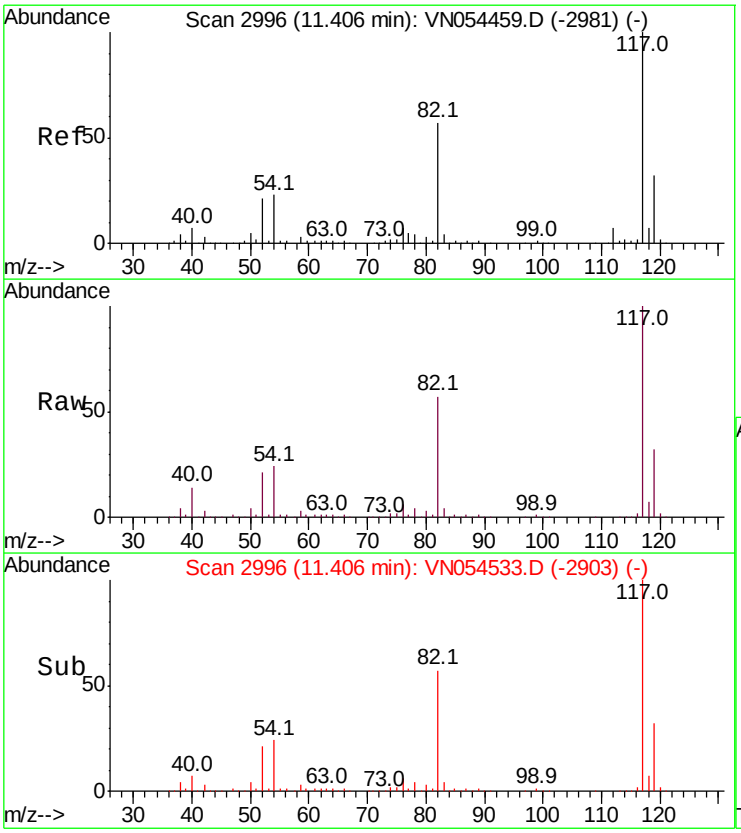
#62
4-Bromofluorobenzene
Concen: 42.845 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion: 95 Resp: 361409

Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	191.0
176	82.8	0.0	187.4

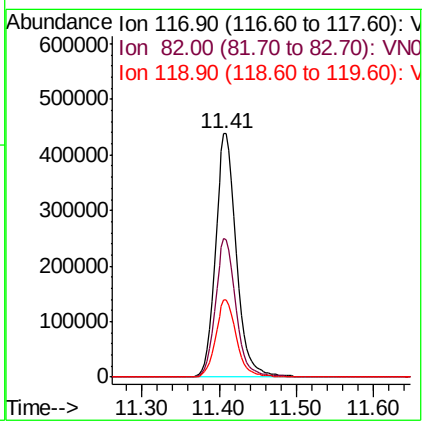


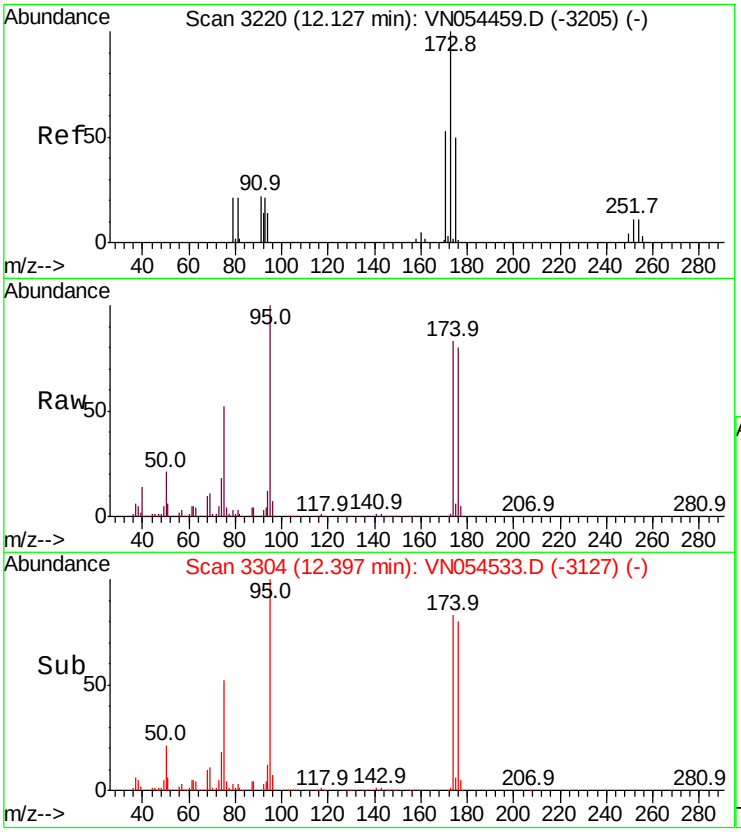


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion:117 Resp: 831072

Ion	Ratio	Lower	Upper
117	100		
82	56.8	40.0	60.0
119	31.9	25.8	38.6



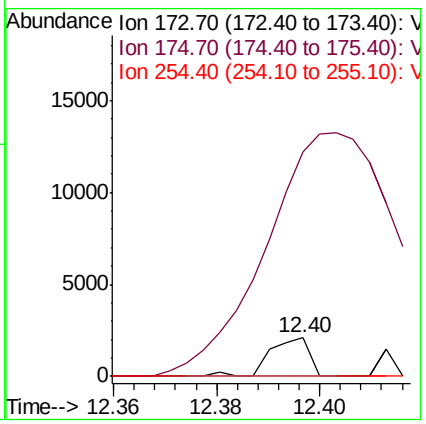


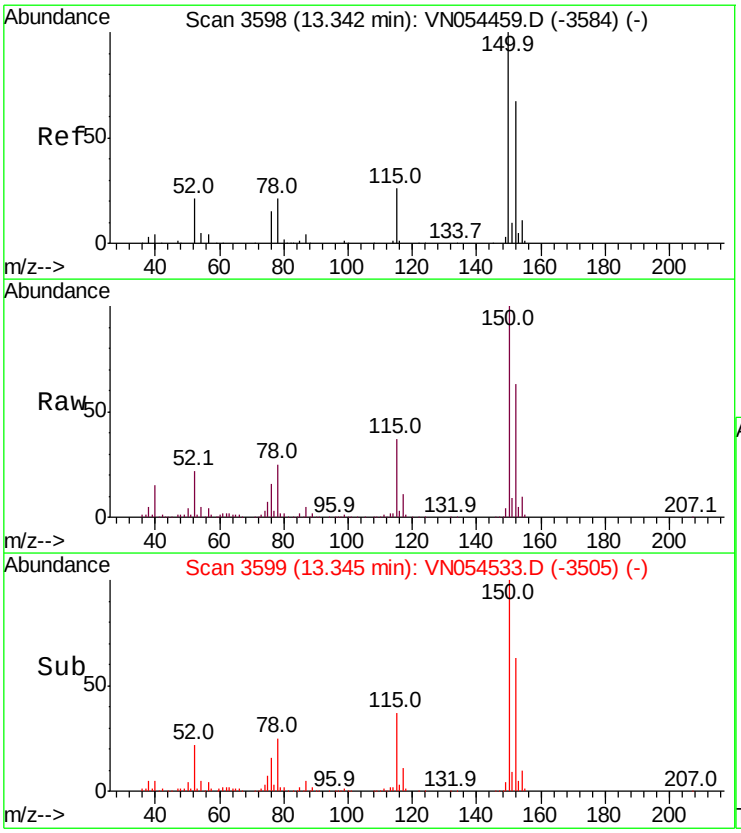
#71
Bromoform
Concen: 2.469 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion:173 Resp: 1087

Ion	Ratio	Lower	Upper
173	100		
175	1839.4	24.4	73.2#
254	0.0	0.1	0.1#

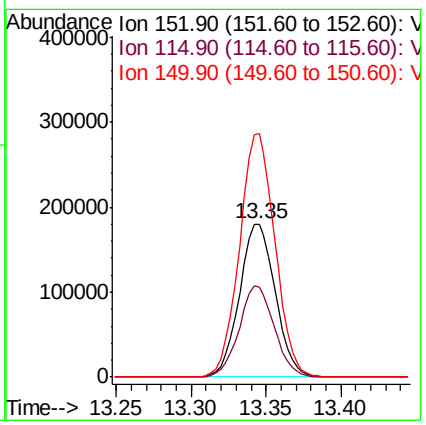


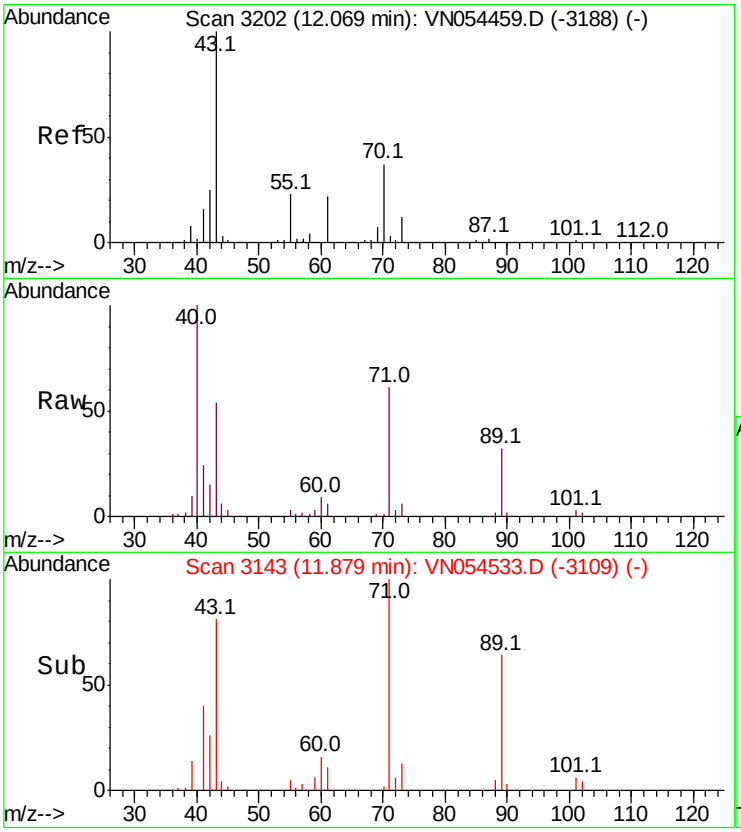


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion:152 Resp: 299856

Ion	Ratio	Lower	Upper
152	100		
115	58.7	27.2	81.6
150	157.9	0.0	349.2



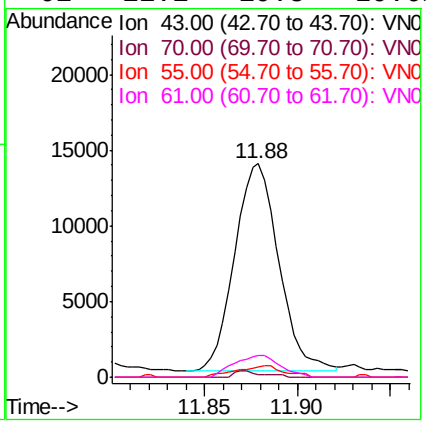


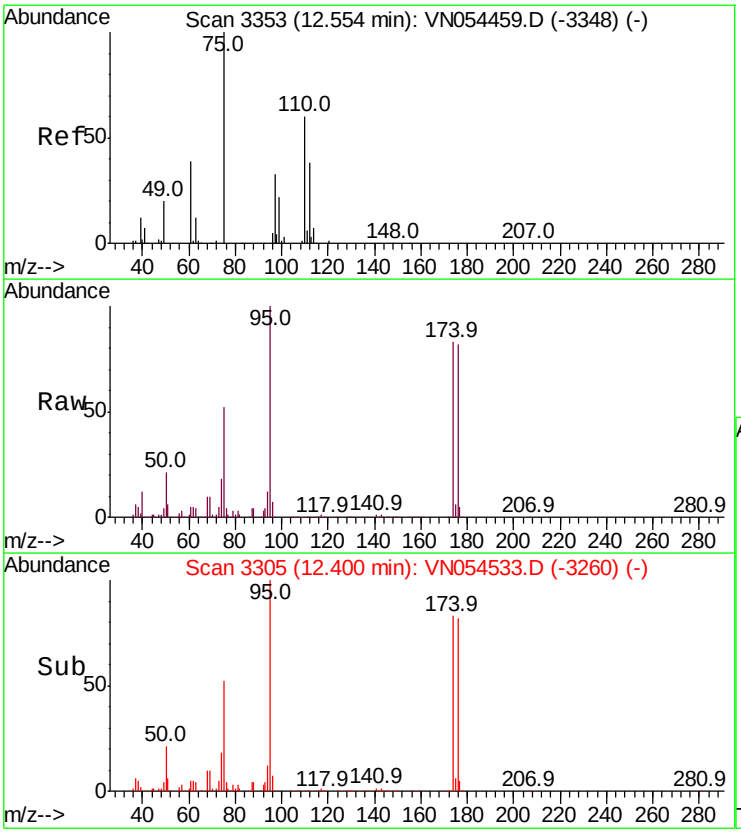
#74
N-amyl acetate
Concen: 3.275 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument : MSVOA_N
ClientSampleId : JC-02-031919-A

Tgt Ion: 43 Resp: 22752

Ion	Ratio	Lower	Upper
43	100		
70	2.0	35.4	53.0#
55	6.0	19.8	29.6#
61	11.1	19.8	29.6#

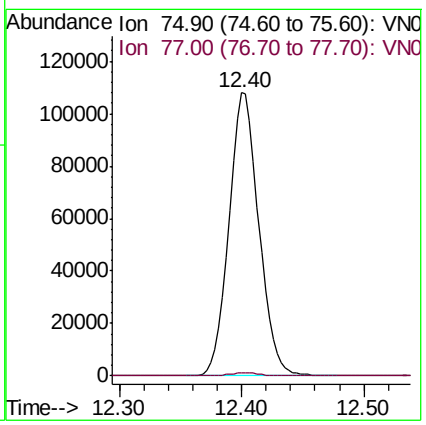


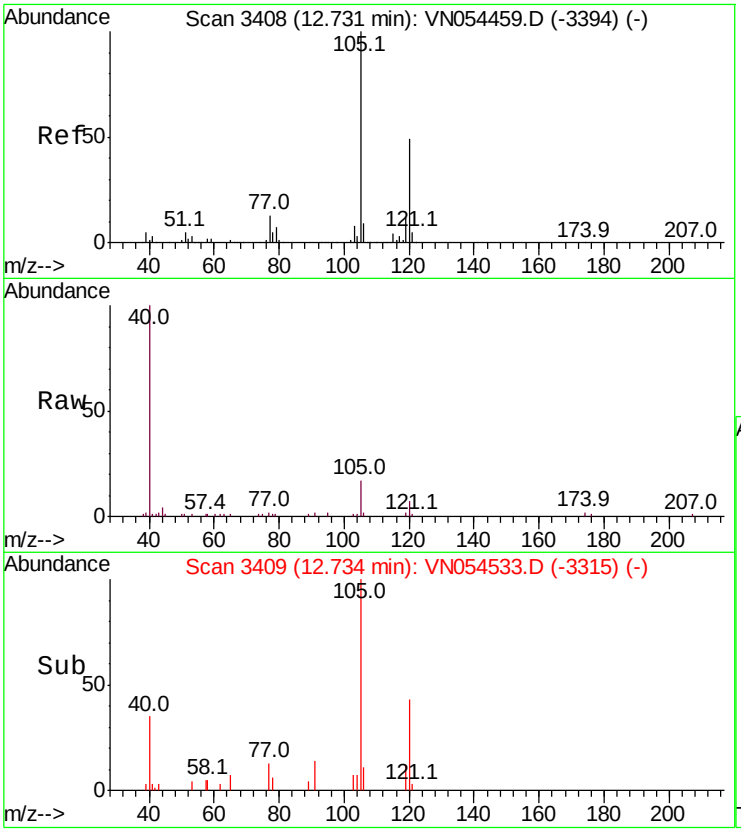


#76
1,2,3-Trichloropropane
Concen: 38.686 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 75 Resp: 184078

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



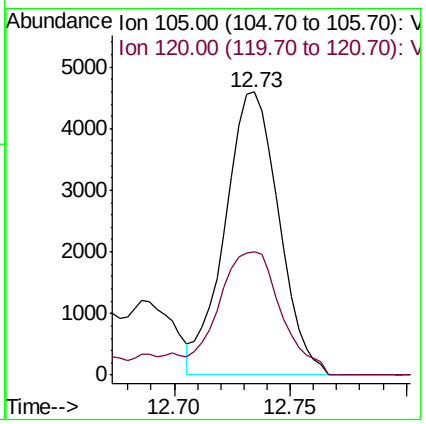


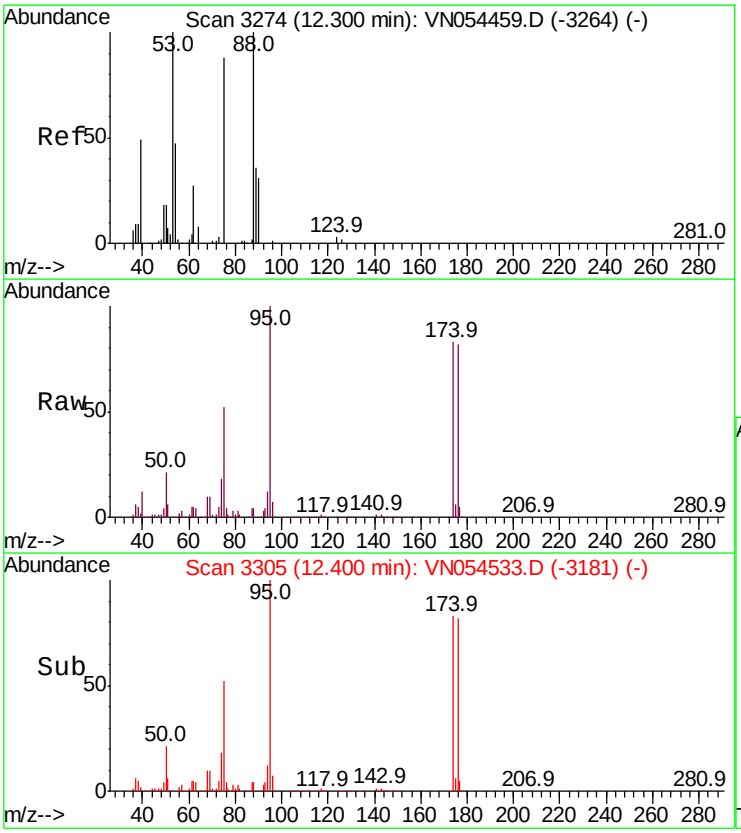
#80
1,3,5-Trimethylbenzene
Concen: 0.375 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion:105 Resp: 7434

Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.0	75.0

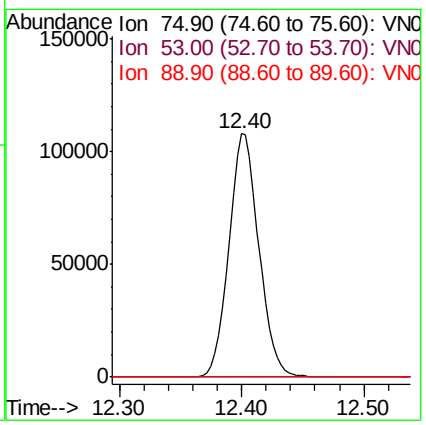


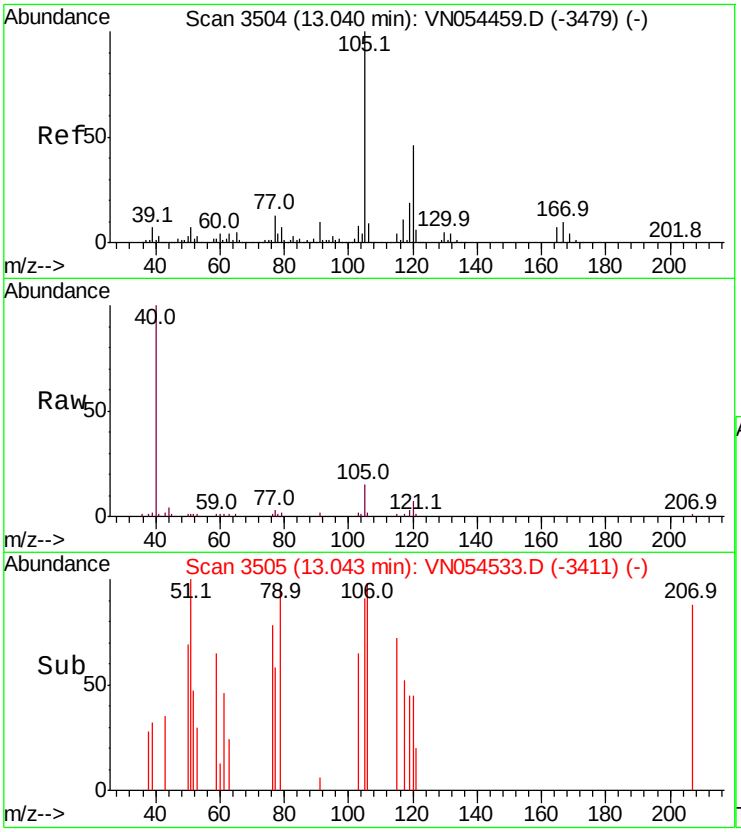


#81
trans-1,4-Dichloro-2-butene
Concen: 128.076 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion: 75 Resp: 184078

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.2	114.2#
89	0.0	39.2	58.8#



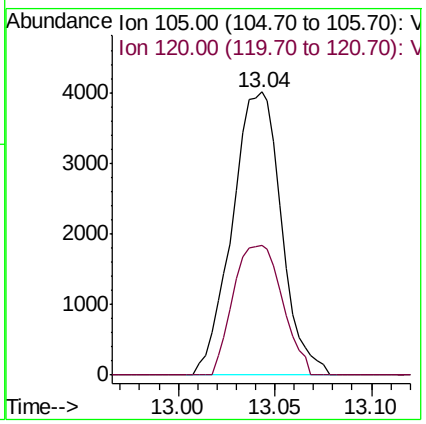


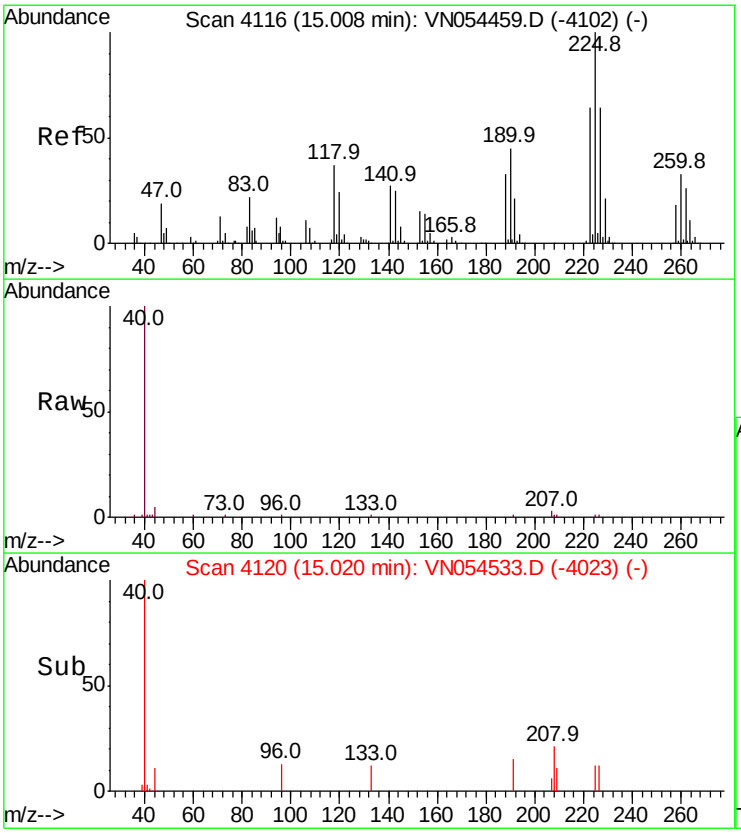
#84
1,2,4-Trimethylbenzene
Concen: 0.365 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion:105 Resp: 7100

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.4	70.3

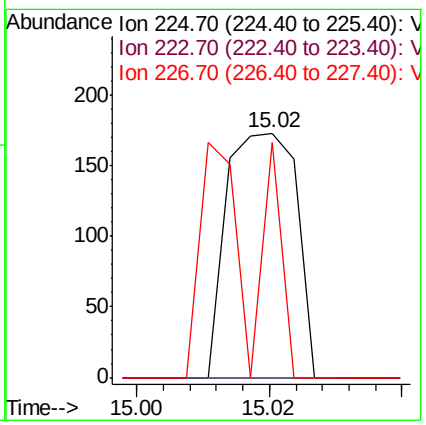


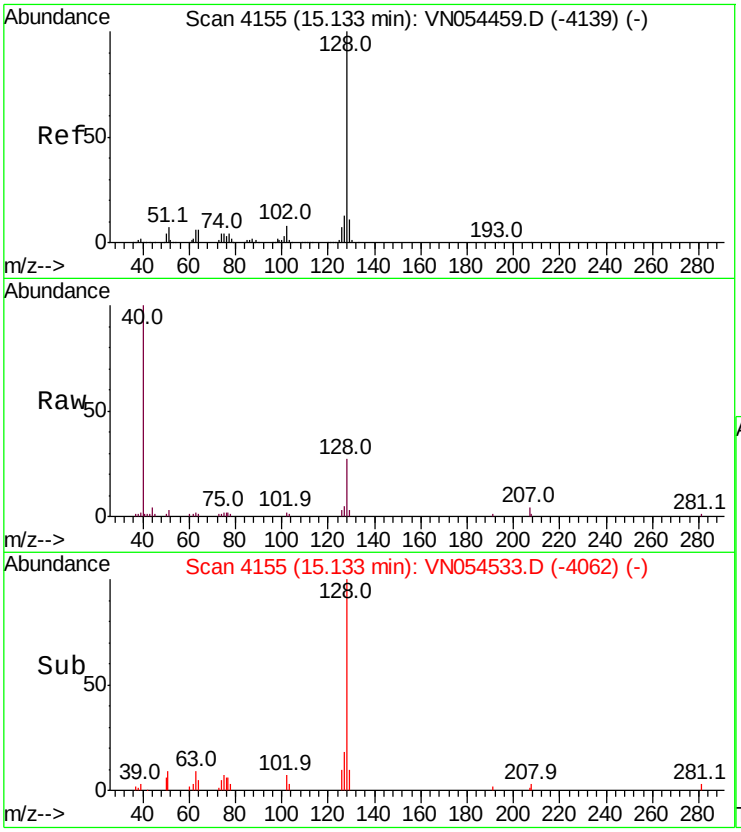


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.02 min Scan# 4120
Delta R.T. 0.01 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Tgt Ion:225 Resp: 126

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.5#
227	74.6	31.9	95.9





#95
Naphthalene
Concen: 1.256 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054533.D
Acq: 22 Mar 2019 2:15

Instrument :
MSVOA_N
ClientSampleId :
JC-02-031919-A

Tgt Ion:128 Resp: 13435

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.1	15.1#
129	11.6	8.7	13.1