Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032919\
Data File : VN054770.D
Acq On : 29 Mar 2019 15:20
Operator : JC/SP
Sample : VN0329MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Quant Time: Mar 30 03:08:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	547722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	888657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	740243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356868	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.66%			
35) Dibromofluoromethane	7.59	113	283156	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.58%			
50) Toluene-d8	10.09	98	1067467	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.92%			
62) 4-Bromofluorobenzene	12.40	95	325166	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.78%			
Target Compounds						Qvalue
5) Bromomethane	2.57	94	286	Below Cal		98
13) Acrolein	3.61	56	212	0.616	ug/l #	1
15) Acrylonitrile	5.01	53	435	0.203	ug/l #	61
16) Acetone	3.83	43	482	0.274	ug/l #	38
17) Carbon Disulfide	4.04	76	2915	0.209	ug/l #	71
18) Methyl Acetate	4.33	43	11597	1.640	ug/l #	86
29) Tetrahydrofuran	7.23	42	609	0.337	ug/l #	30
31) Cyclohexane	7.66	56	12198	Below Cal	#	11
36) 1,1-Dichloropropene	7.66	75	42809	5.170	ug/l #	47
38) Carbon Tetrachloride	7.66	117	50196	6.241	ug/l #	16
49) 1,4-Dioxane	8.95	88	30	0.565	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	2234	0.403	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.94	63	31	10.364	ug/l #	44
59) 2-Hexanone	10.75	43	3073	0.865	ug/l	87
74) N-amyl acetate	12.07	43	2649	0.391	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.51	83	195	Below Cal	#	66
76) 1,2,3-Trichloropropane	12.40	75	171071	37.021	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	171071	144.003	ug/l #	11
83) tert-Butylbenzene	12.99	119	1623	Below Cal	#	88
89) n-Butylbenzene	13.62	91	2803	0.201	ug/l	83
93) 1,2,4-Trichlorobenzene	14.91	180	2901	0.679	ug/l	92
94) Hexachlorobutadiene	15.01	225	3396	Below Cal		96
95) Naphthalene	15.13	128	7407	0.773	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	3608	0.836	ug/l	97

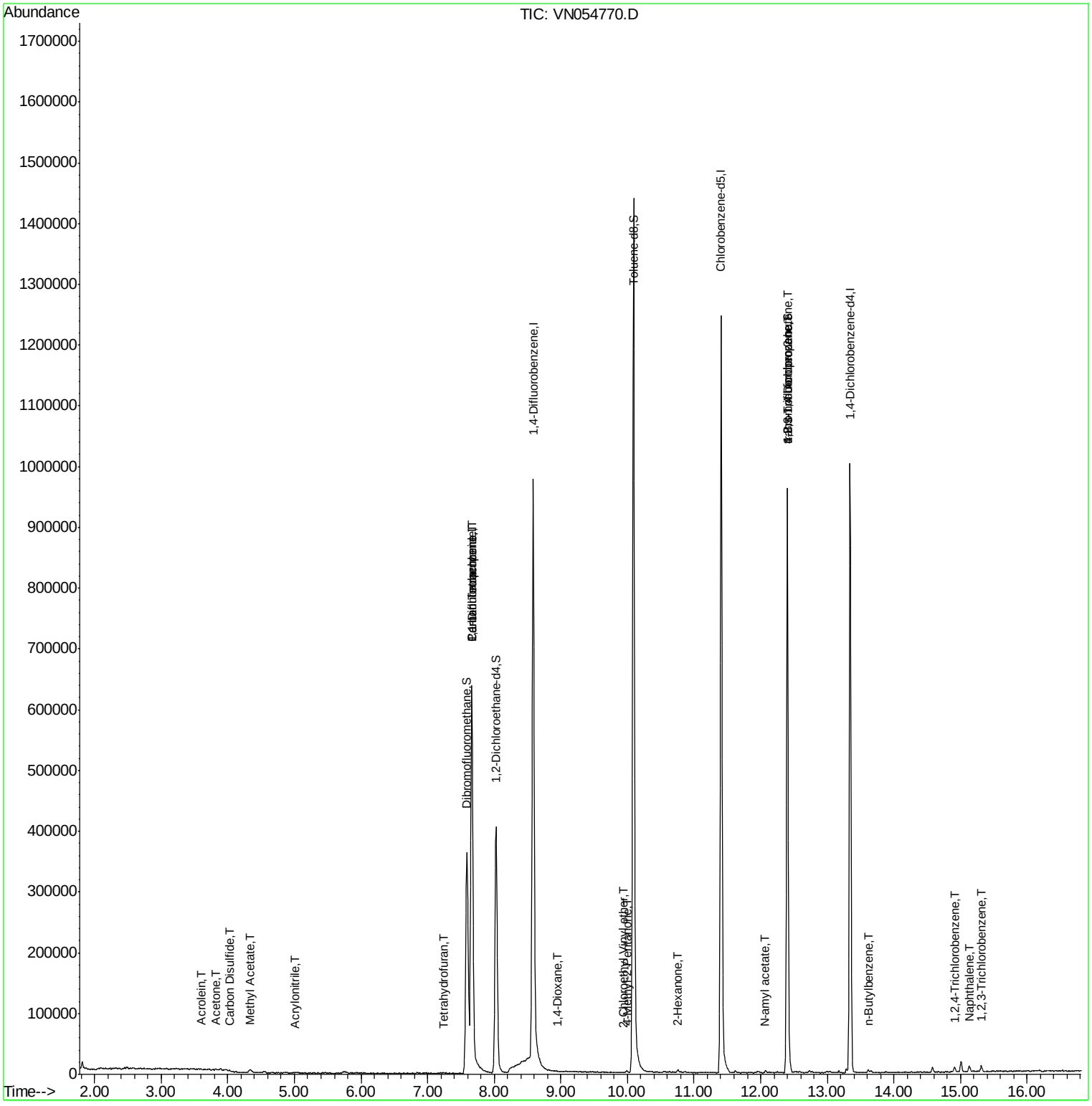
(#) = qualifier out of range (m) = manual integration (+) = signals summed

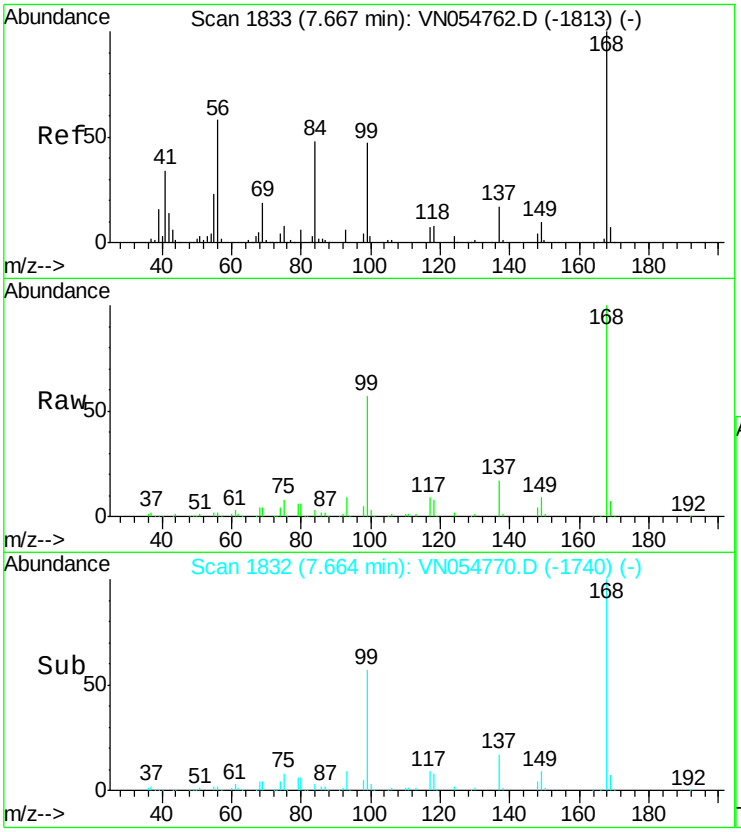
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032919\
Data File : VN054770.D
Acq On : 29 Mar 2019 15:20
Operator : JC/SP
Sample : VN0329MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Quant Time: Mar 30 03:08:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration



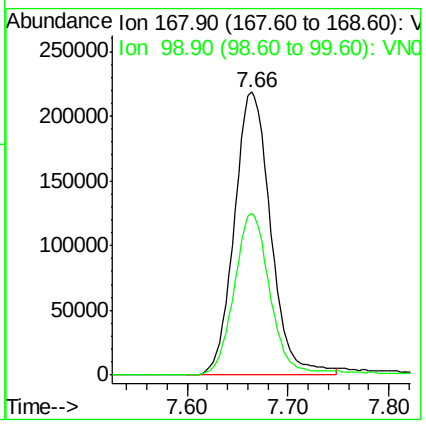


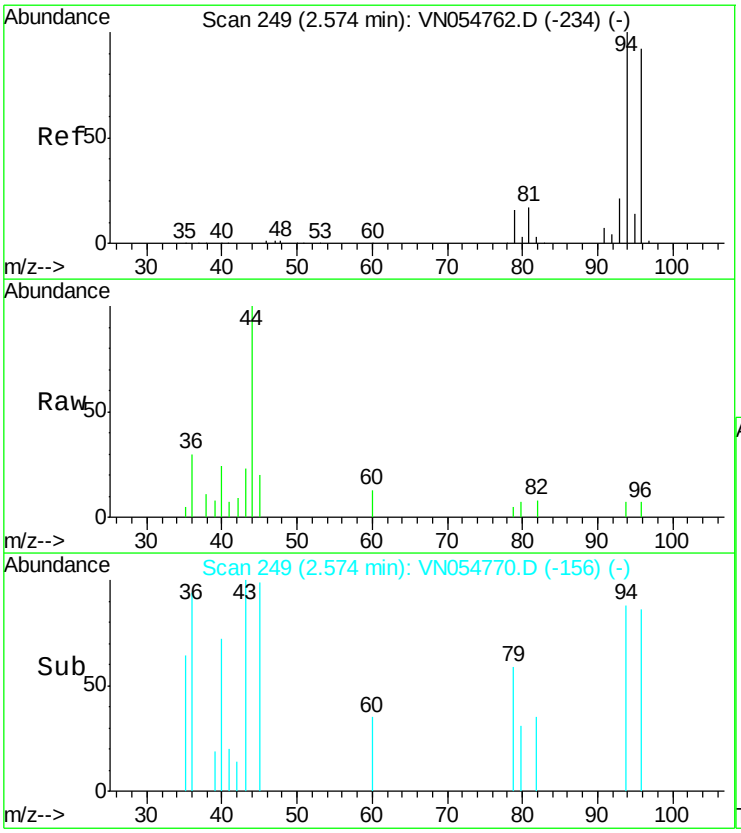
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion:168 Resp: 547722

Ion	Ratio	Lower	Upper
168	100		
99	57.4	37.1	55.7#

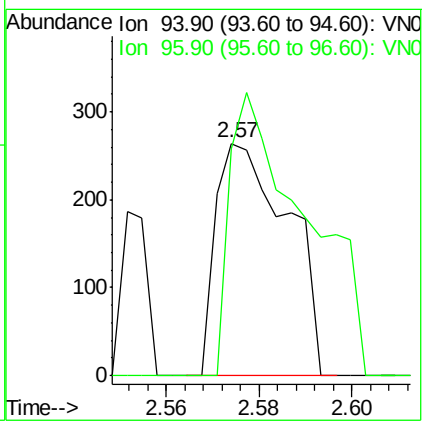


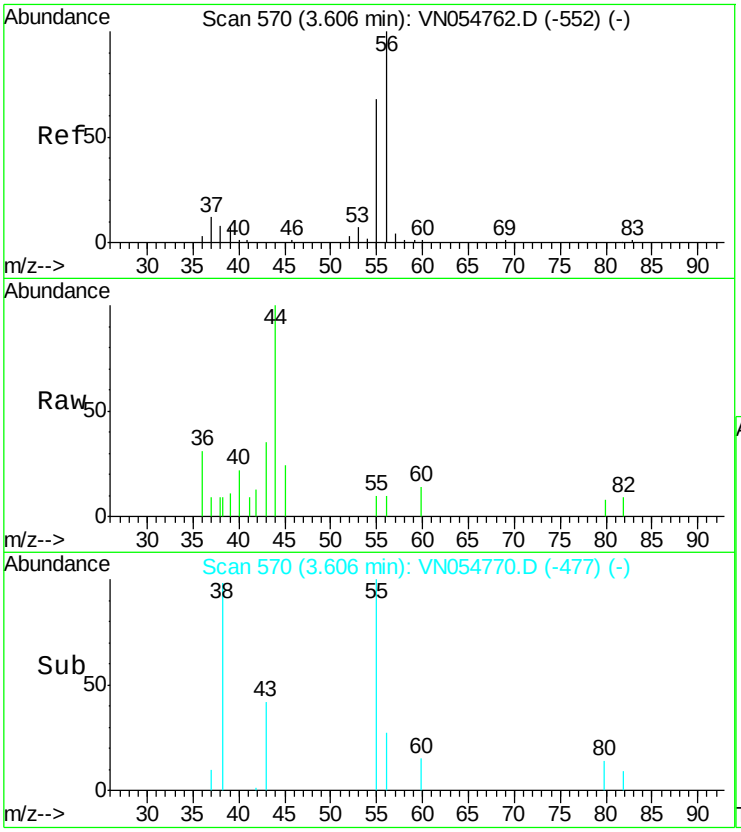


#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 94 Resp: 286

Ion	Ratio	Lower	Upper
94	100		
96	97.7	77.0	115.4



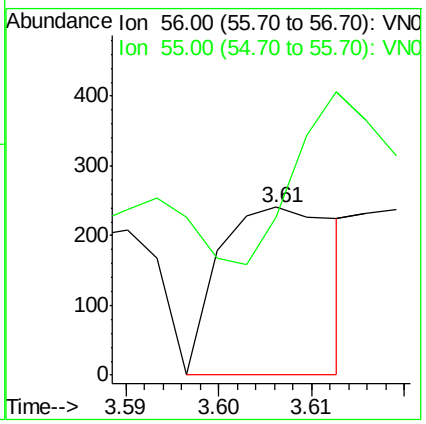


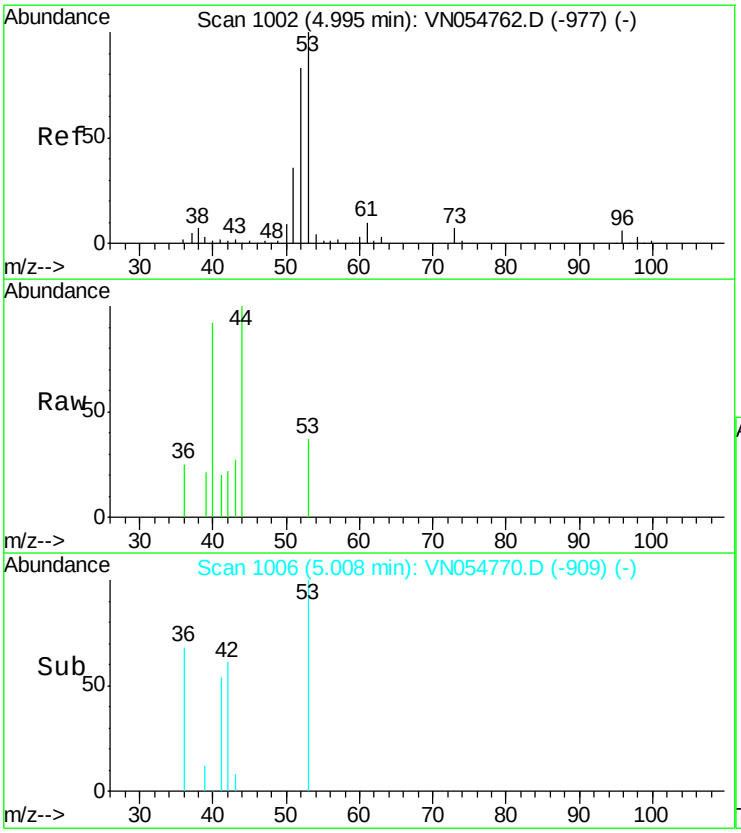
#13
Acrolein
Concen: 0.616 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion: 56 Resp: 212

Ion	Ratio	Lower	Upper
56	100		
55	265.1	56.7	85.1#

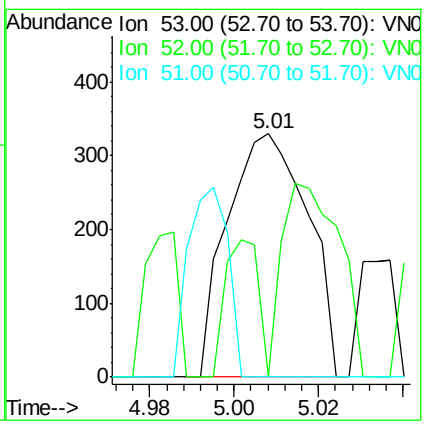


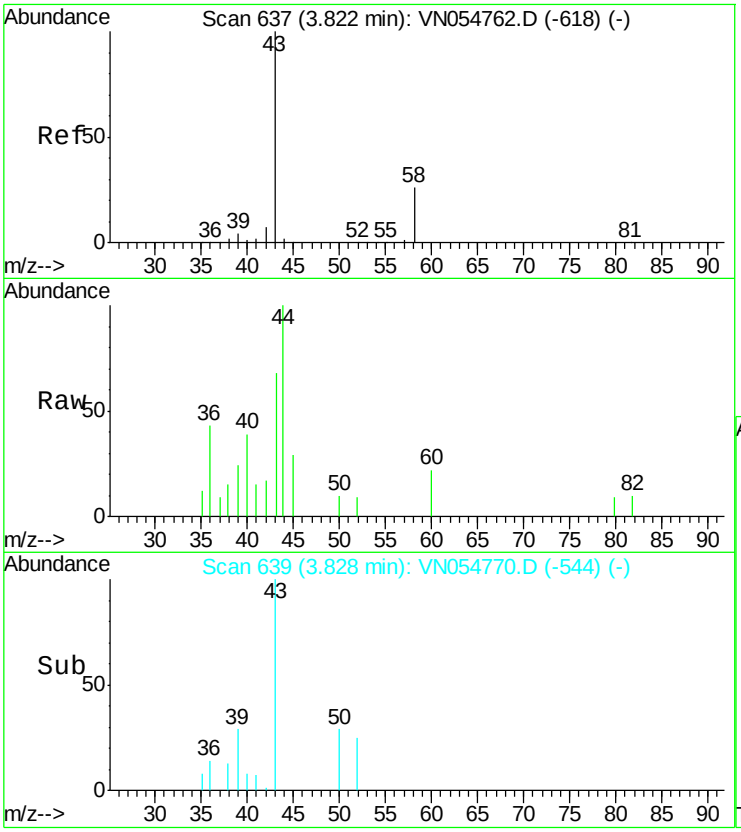


#15
Acrylonitrile
Concen: 0.203 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 53 Resp: 435

Ion	Ratio	Lower	Upper
53	100		
52	57.0	66.4	99.6#
51	0.0	29.6	44.4#



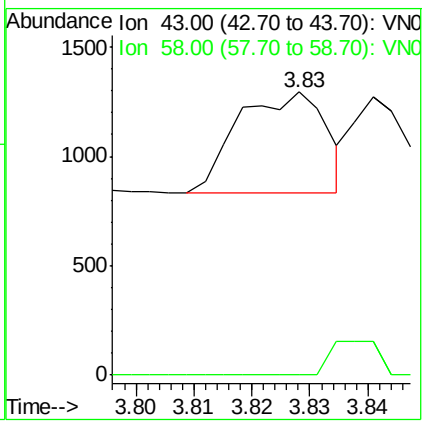


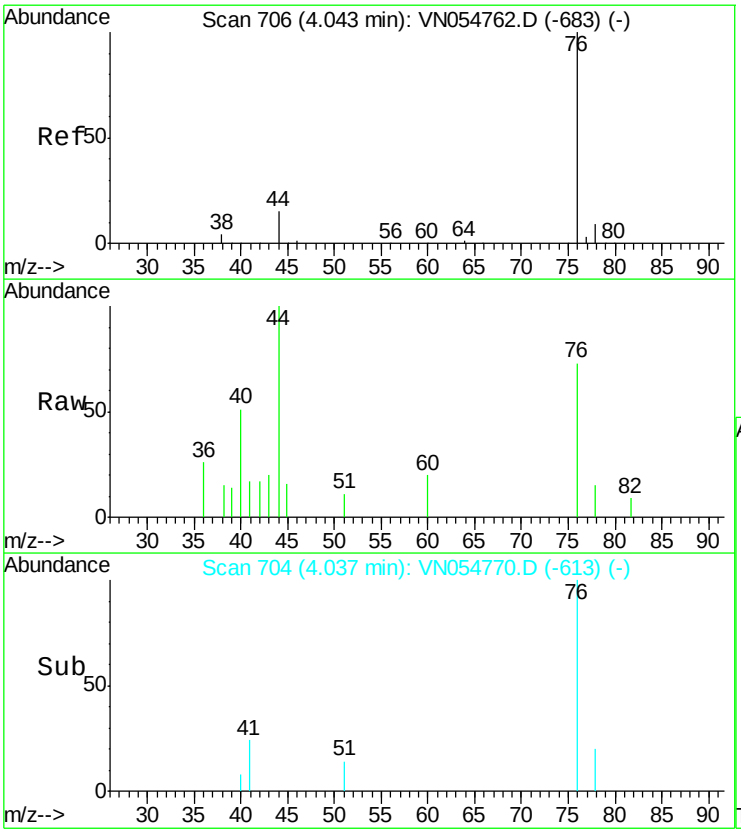
#16
Acetone
Concen: 0.274 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Tgt Ion: 43 Resp: 482

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.9	44.9#

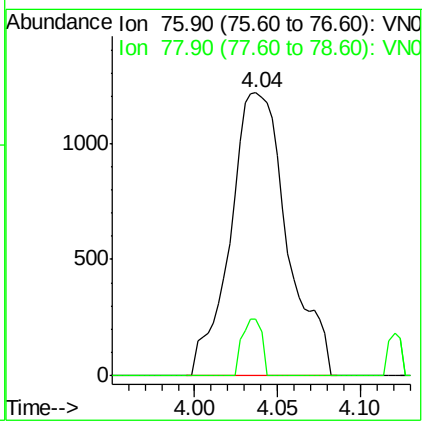


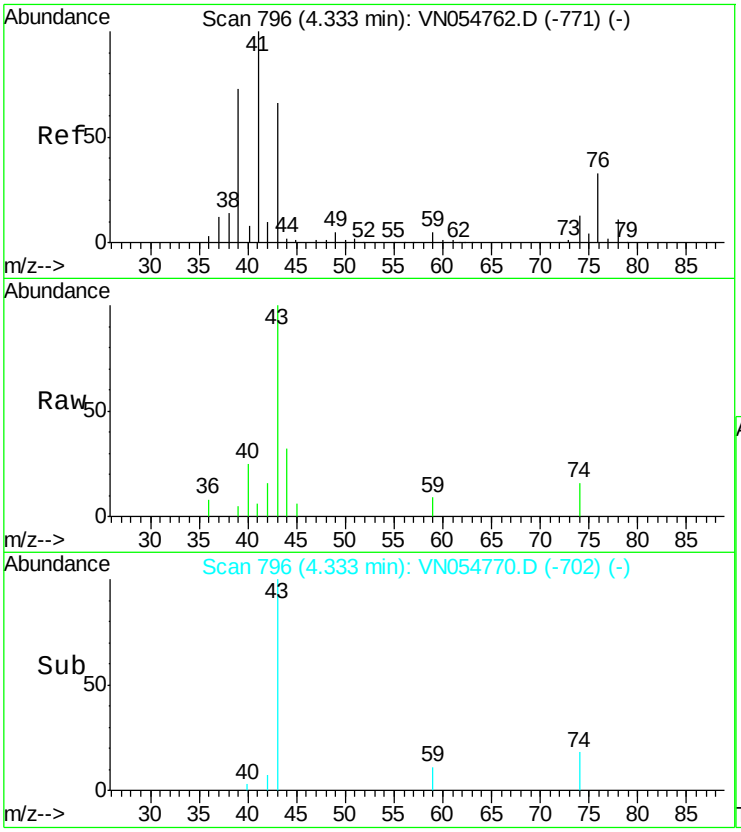


#17
Carbon Disulfide
Concen: 0.209 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.01 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 76 Resp: 2915

Ion	Ratio	Lower	Upper
76	100		
78	20.0	7.5	11.3#



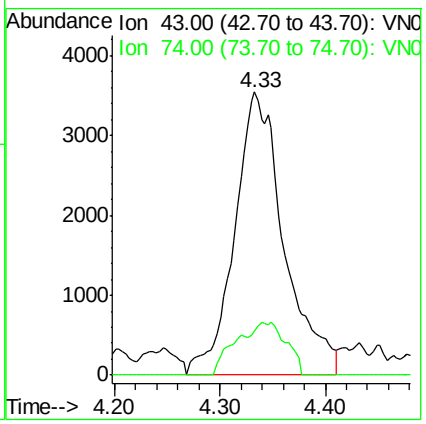


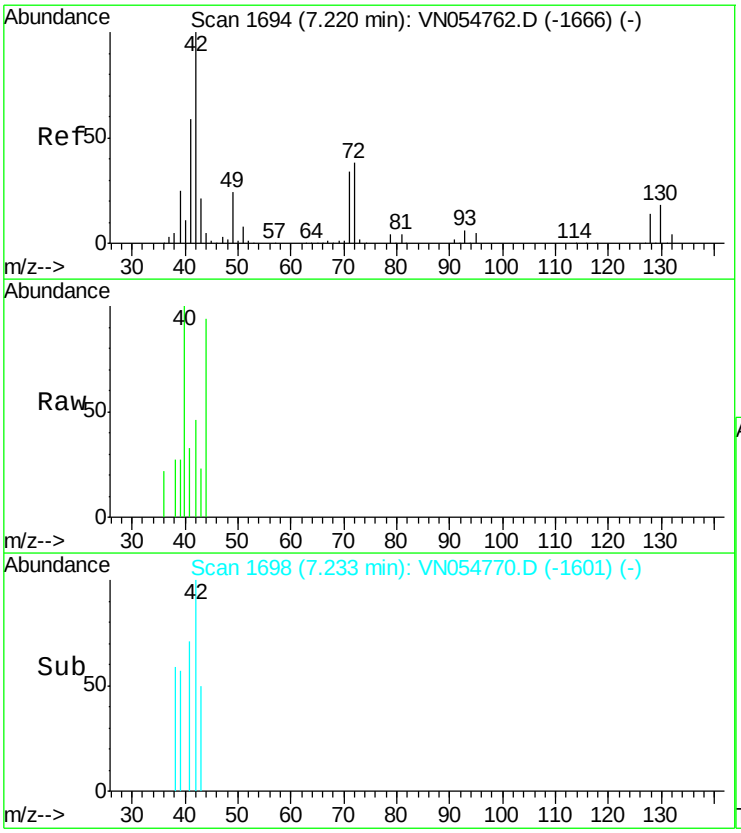
#18
Methyl Acetate
Concen: 1.640 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion: 43 Resp: 11597

Ion	Ratio	Lower	Upper
43	100		
74	18.8	20.8	31.2#

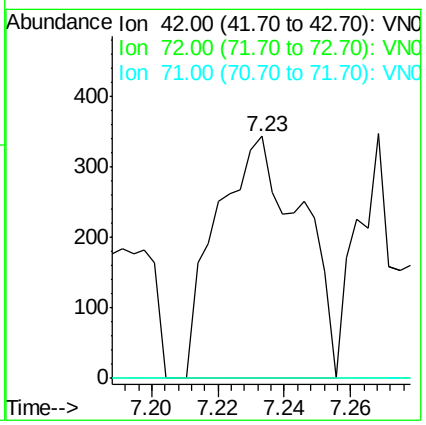


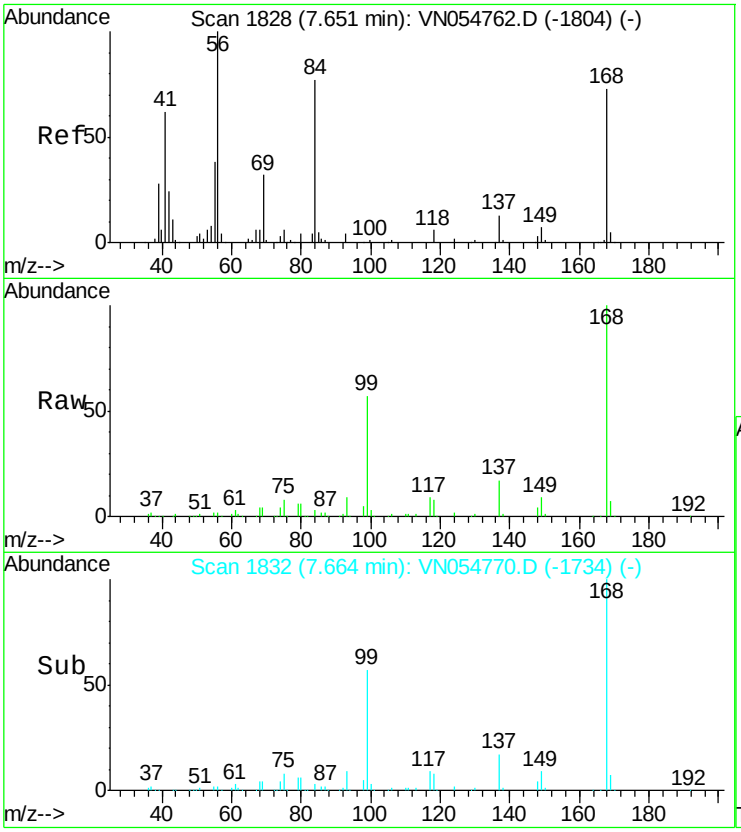


#29
Tetrahydrofuran
Concen: 0.337 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 42 Resp: 609

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



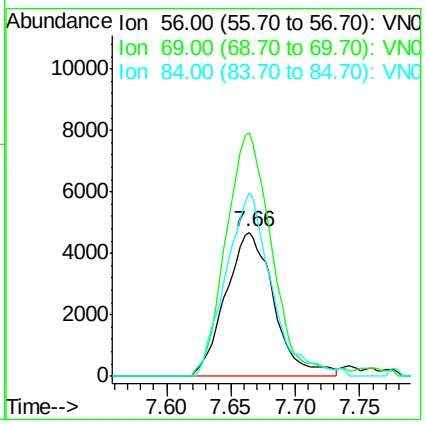


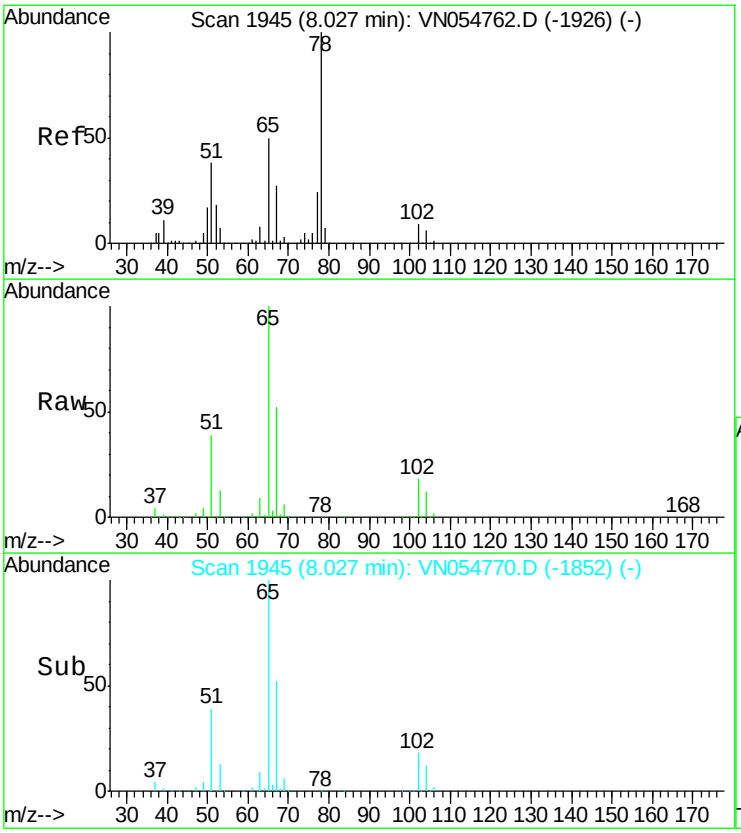
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Tgt Ion: 56 Resp: 12198

Ion	Ratio	Lower	Upper
56	100		
69	169.3	27.8	41.6#
84	127.2	74.6	111.8#

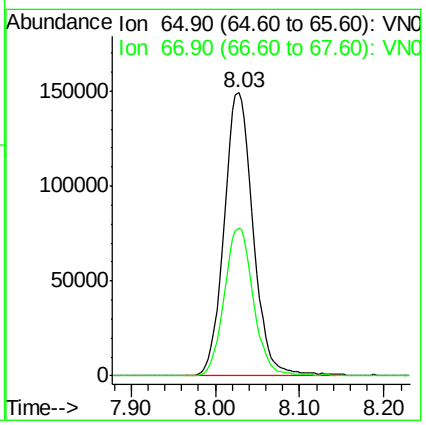


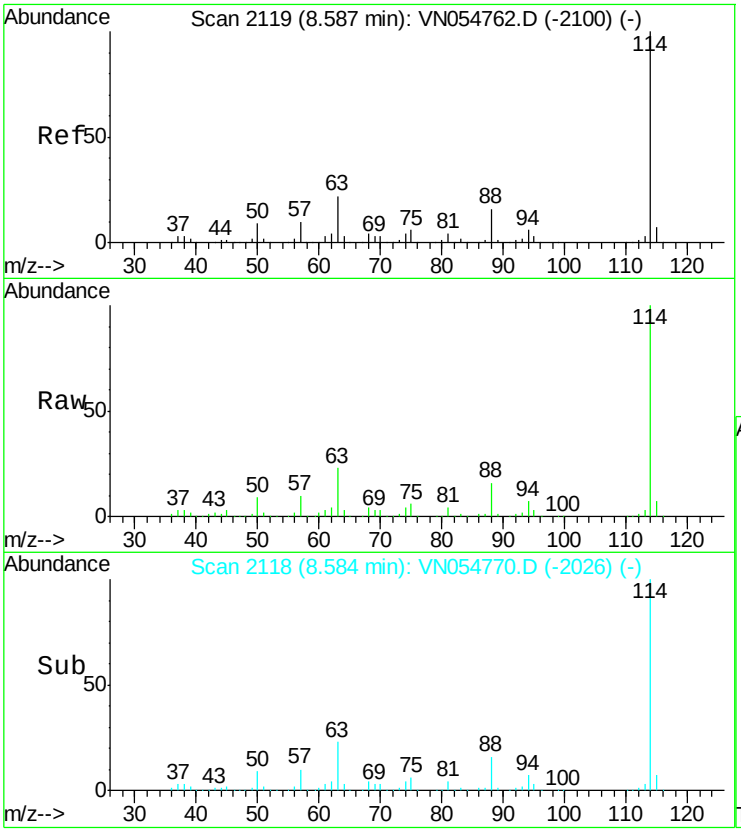


#33
1,2-Dichloroethane-d4
Concen: 48.334 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 65 Resp: 356868

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6



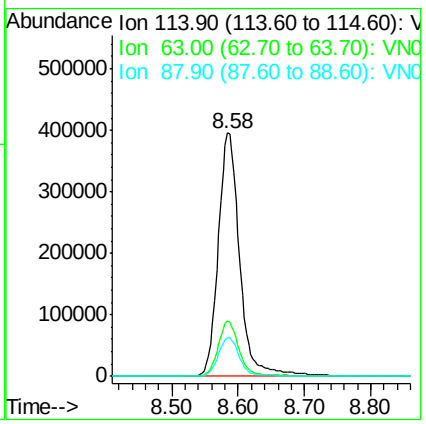


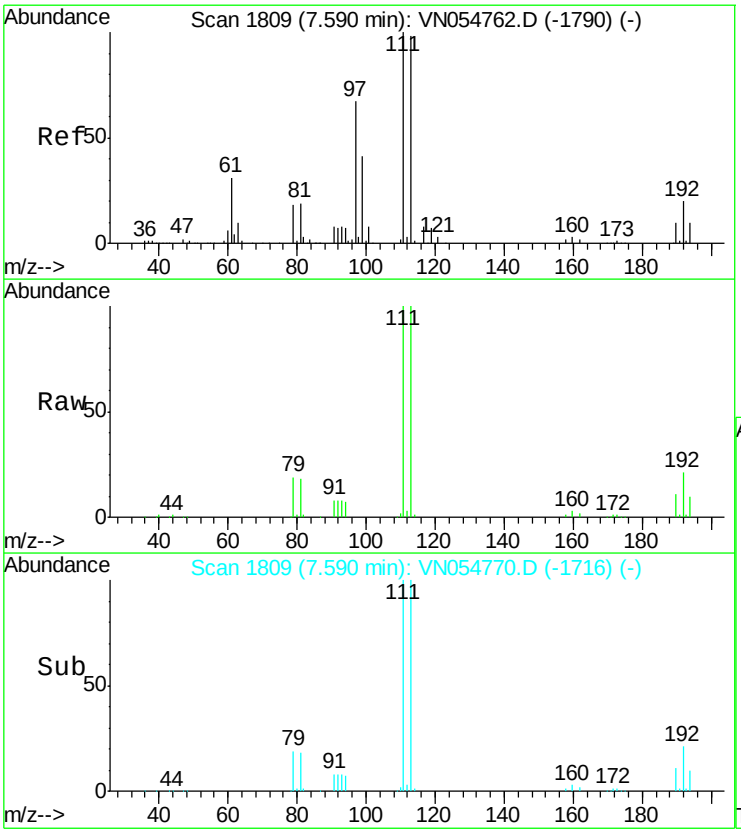
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion:114 Resp: 888657

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	35.2
88	15.8	0.0	30.2

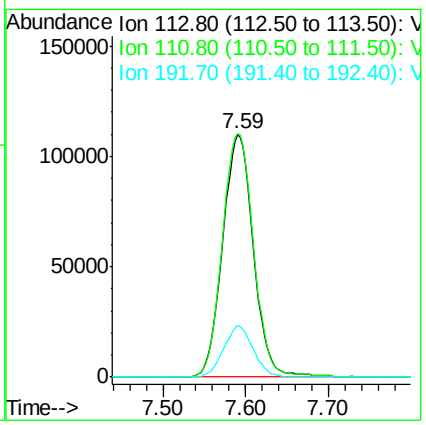


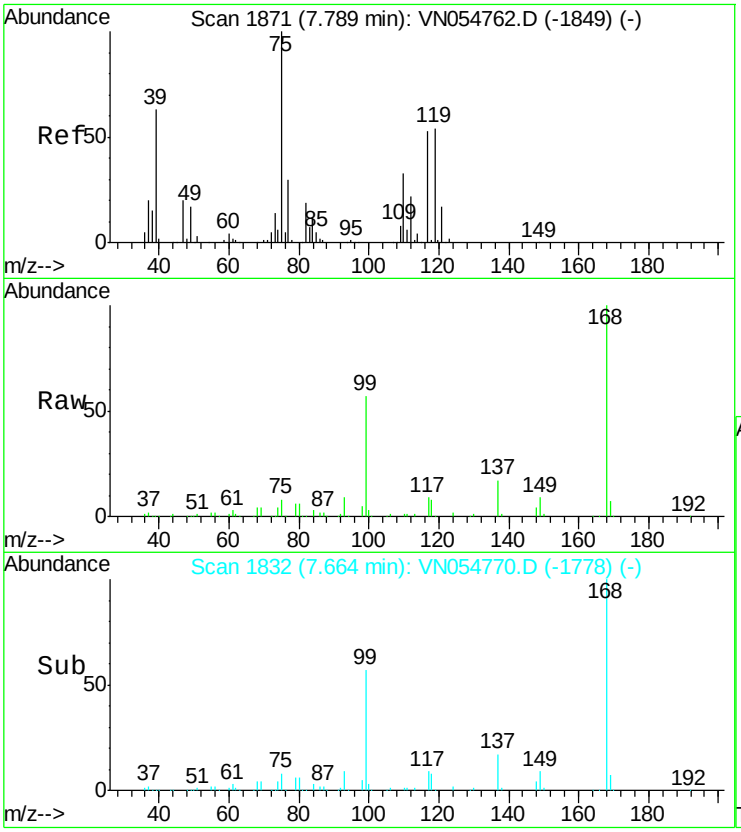


#35
Dibromofluoromethane
Concen: 47.793 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion:113 Resp: 283156

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.4
192	20.3	19.2	28.8



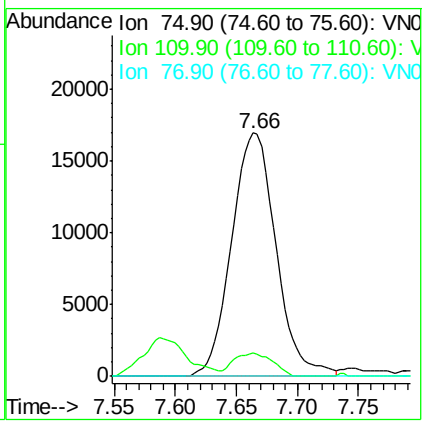


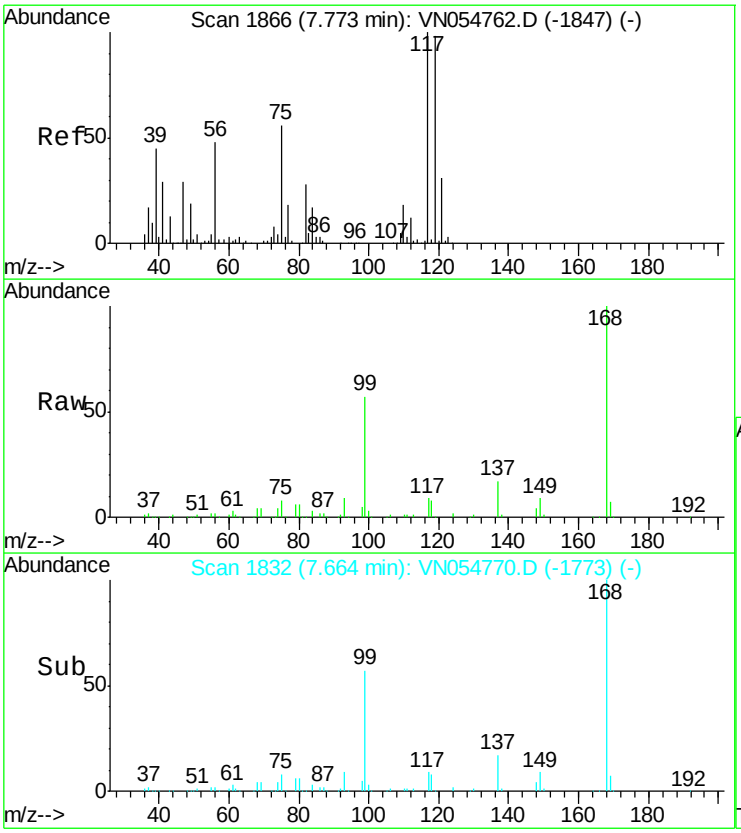
#36
1,1-Dichloropropene
Concen: 5.170 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion: 75 Resp: 42809

Ion	Ratio	Lower	Upper
75	100		
110	8.3	19.1	57.5#
77	0.0	25.0	37.4#

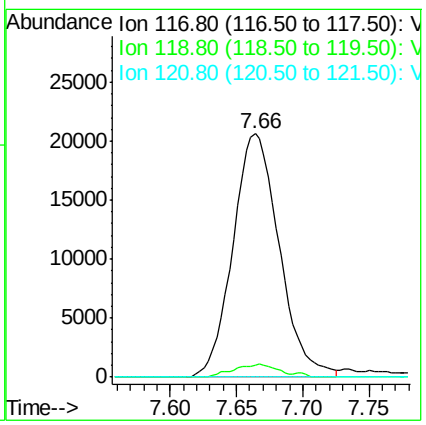


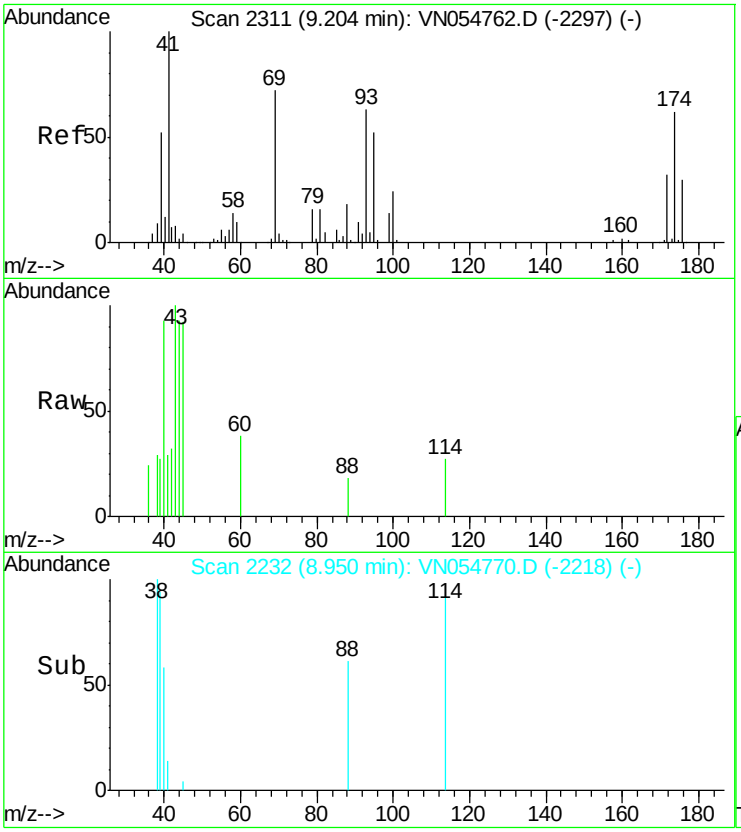


#38
Carbon Tetrachloride
Concen: 6.241 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion:117 Resp: 50196

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	24.6	36.8#



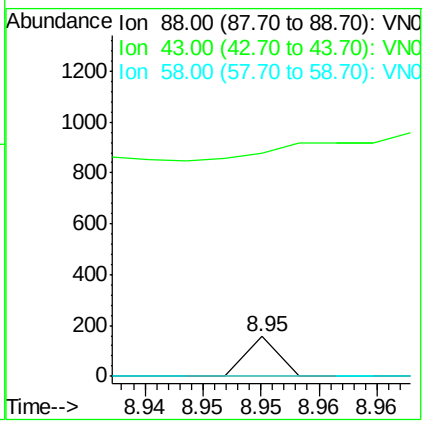


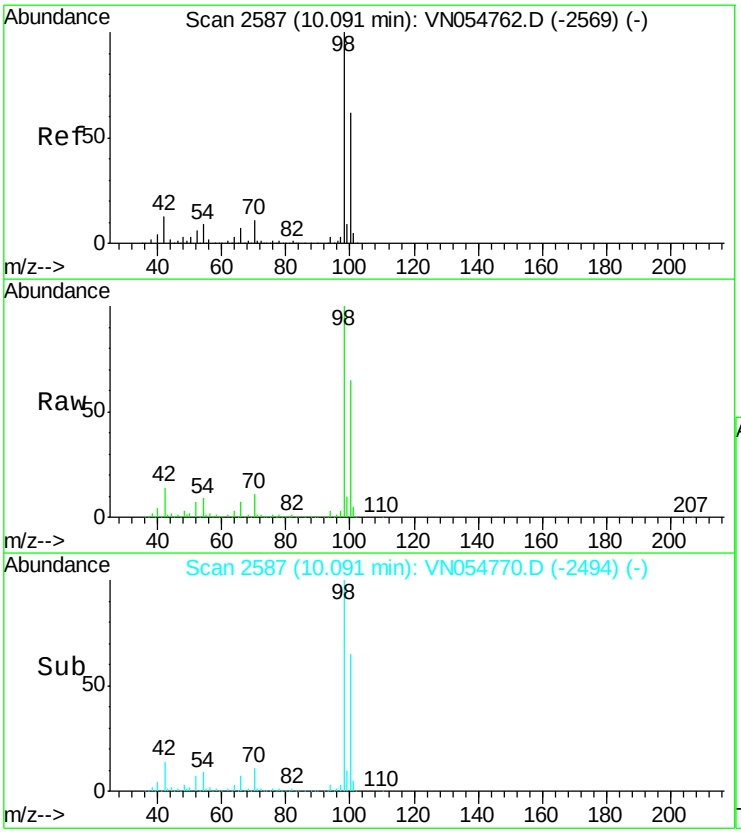
#49
1,4-Dioxane
Concen: 0.565 ug/l
RT: 8.95 min Scan# 2232
Delta R.T. -0.25 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Tgt Ion: 88 Resp: 30

Ion	Ratio	Lower	Upper
88	100		
43	1776.7	24.1	36.1#
58	0.0	50.8	76.2#

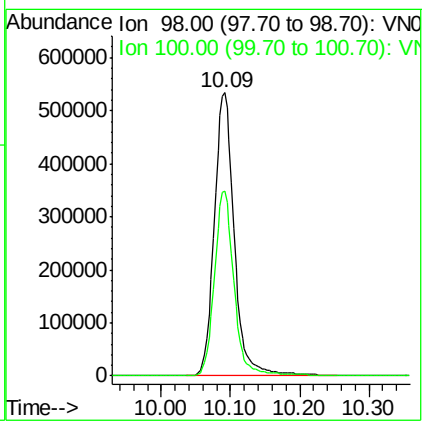


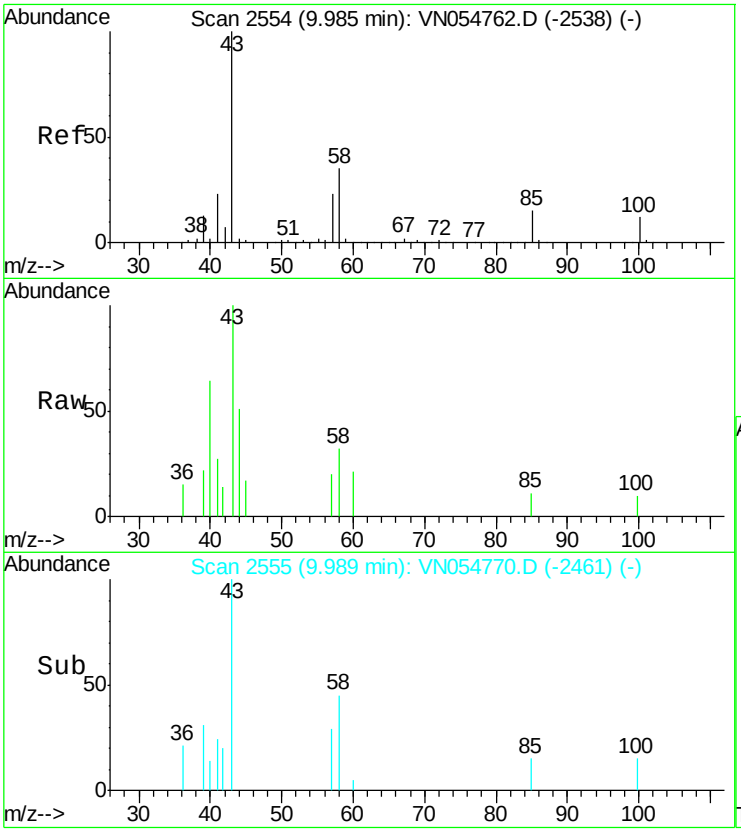


#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 98 Resp: 1067467

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8



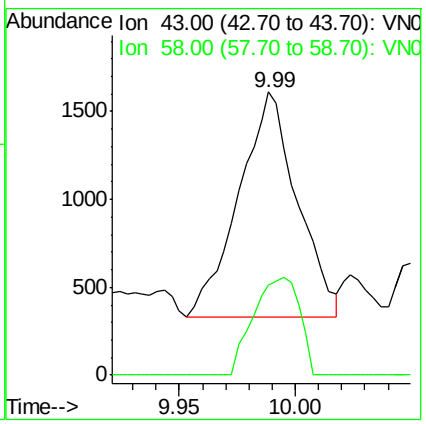


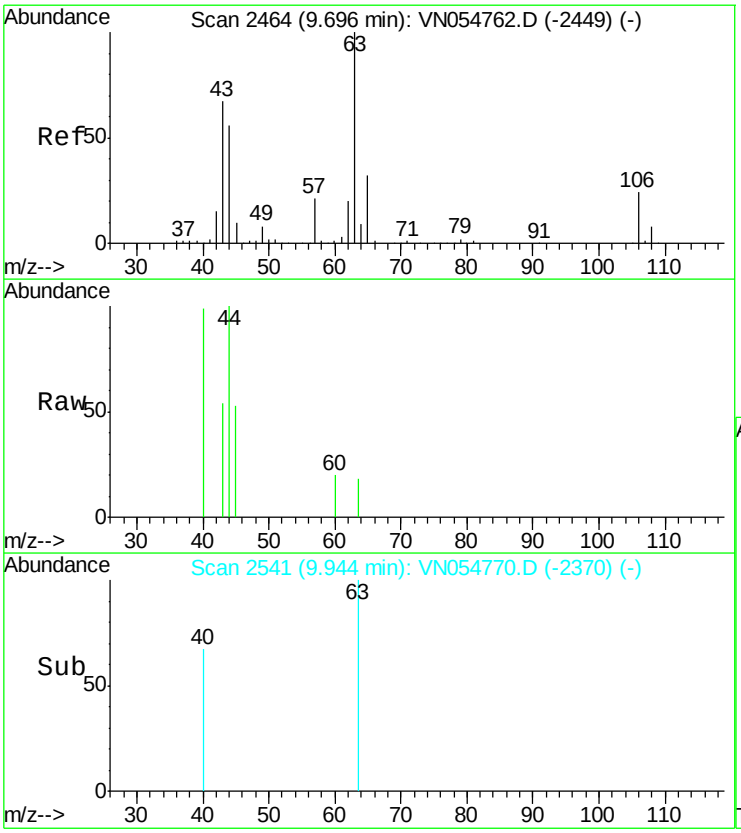
#51
4-Methyl-2-Pentanone
Concen: 0.403 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion: 43 Resp: 2234

Ion	Ratio	Lower	Upper
43	100		
58	34.6	31.8	47.6

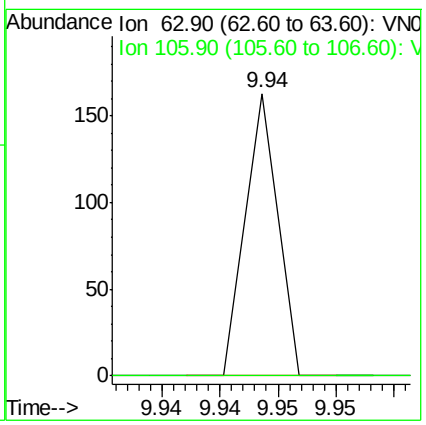


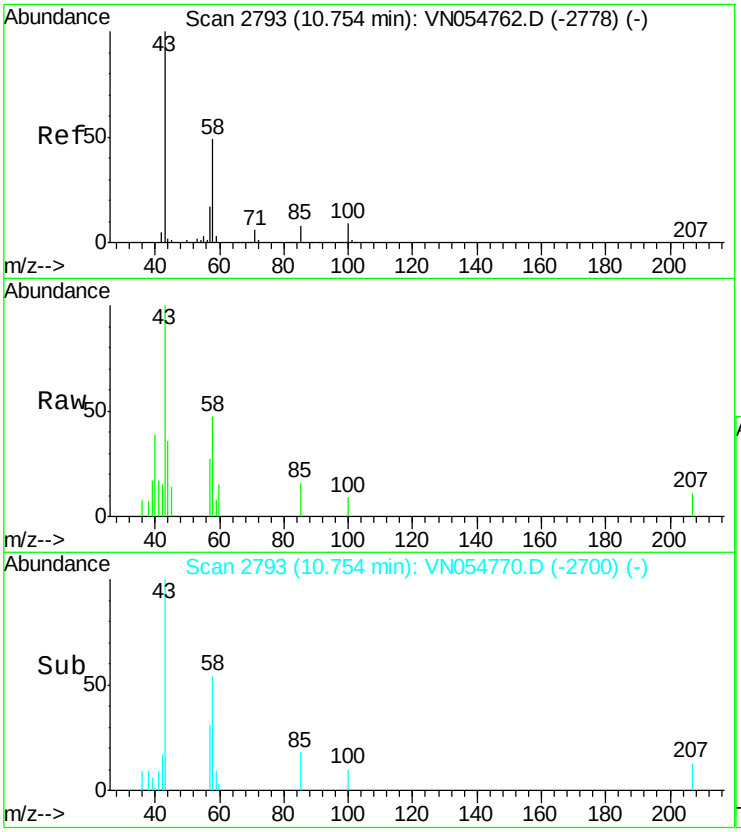


#58
2-Chloroethyl Vinyl ether
Concen: 10.364 ug/l
RT: 9.94 min Scan# 2541
Delta R.T. 0.25 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 63 Resp: 31

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#



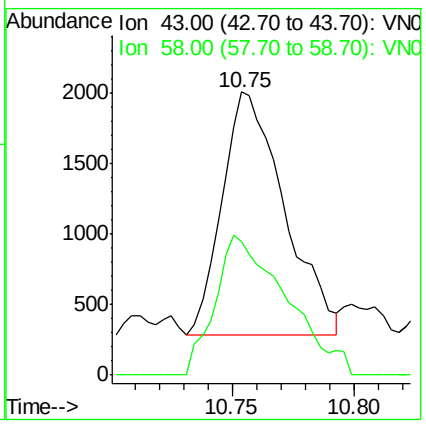


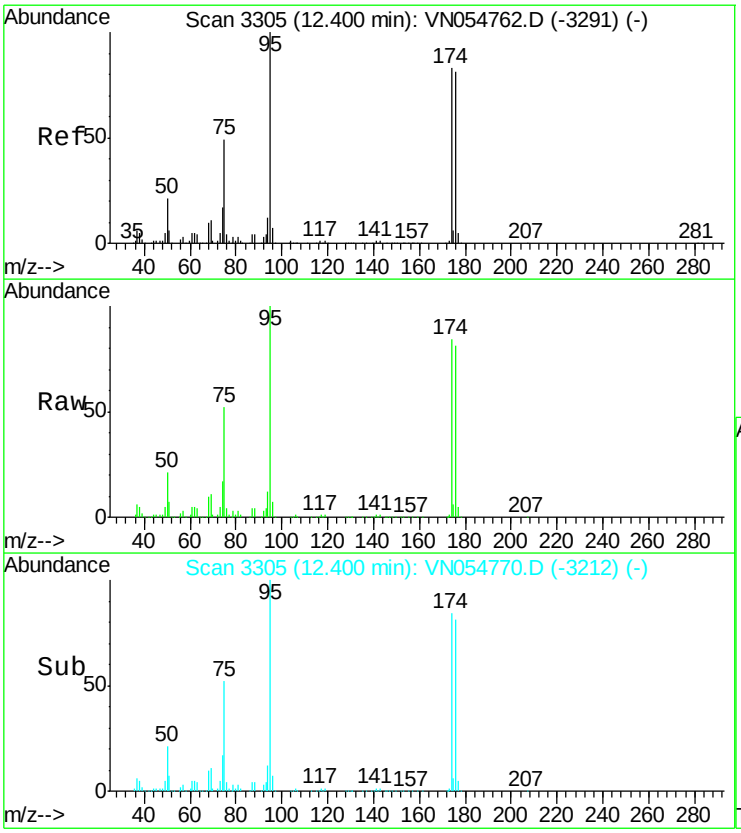
#59
2-Hexanone
Concen: 0.865 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Tgt Ion: 43 Resp: 3073

Ion	Ratio	Lower	Upper
43	100		
58	65.4	28.0	83.9

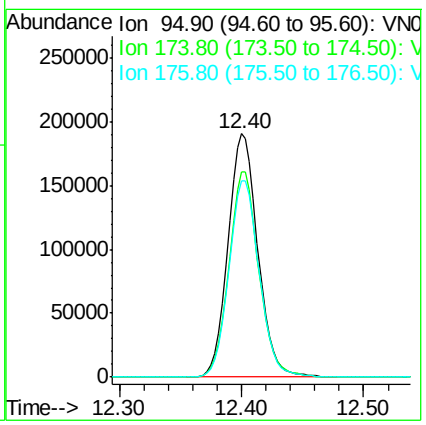


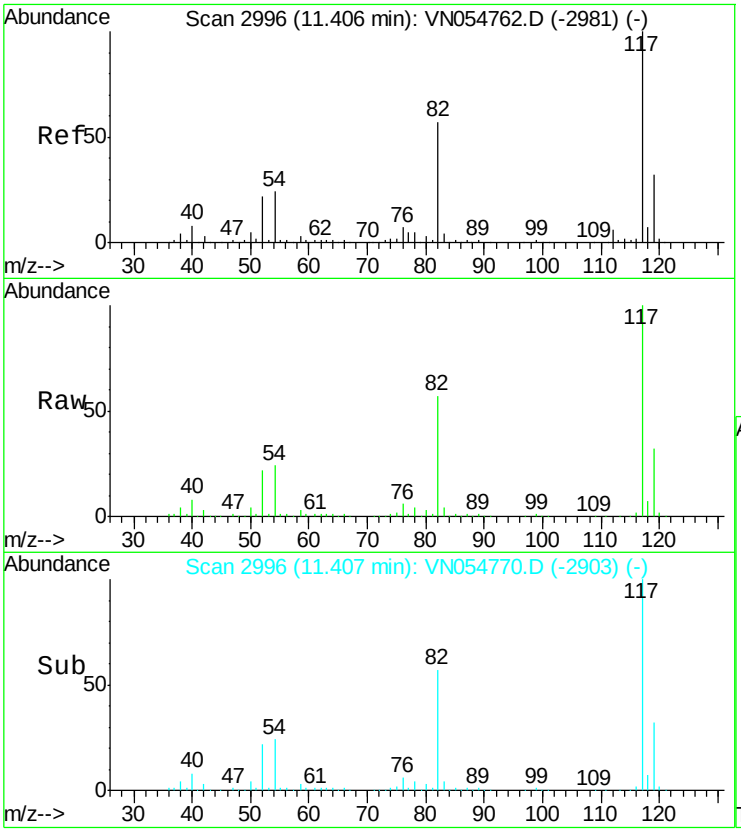


#62
4-Bromofluorobenzene
Concen: 44.389 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 95 Resp: 325166

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	191.0
176	82.0	0.0	187.4



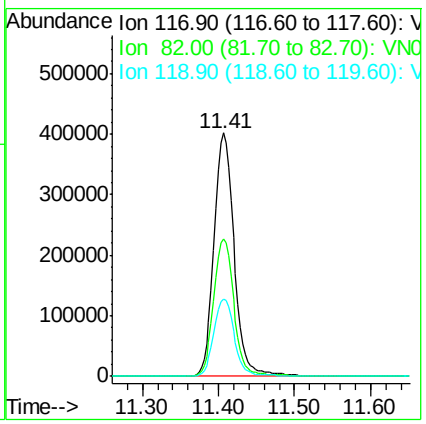


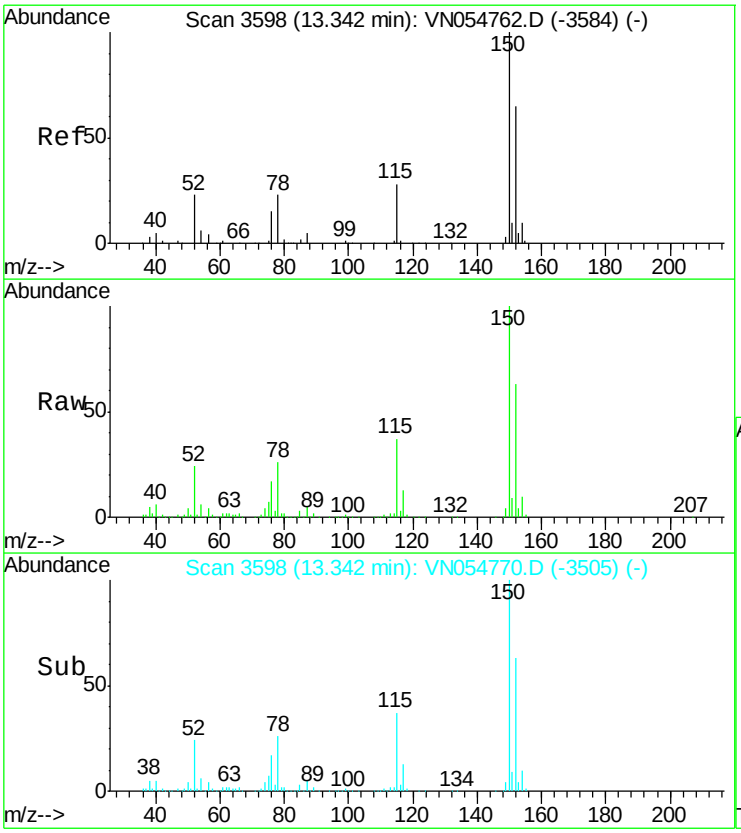
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Tgt Ion:117 Resp: 740243

Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.0	60.0
119	31.7	25.8	38.6

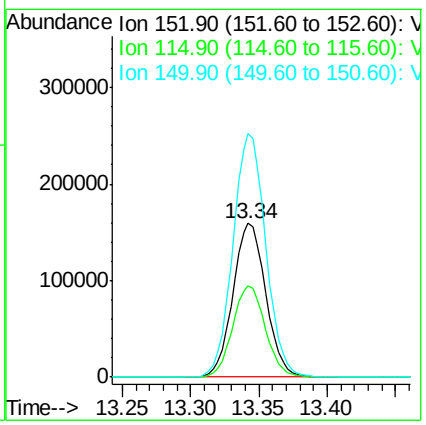


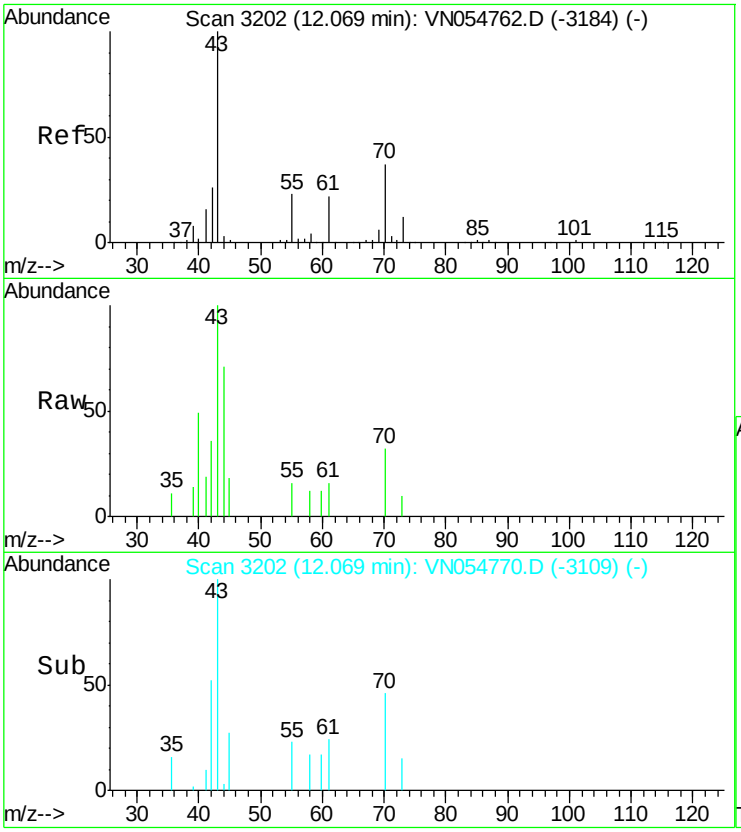


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion:152 Resp: 265991

Ion	Ratio	Lower	Upper
152	100		
115	59.0	27.2	81.6
150	158.2	0.0	349.2



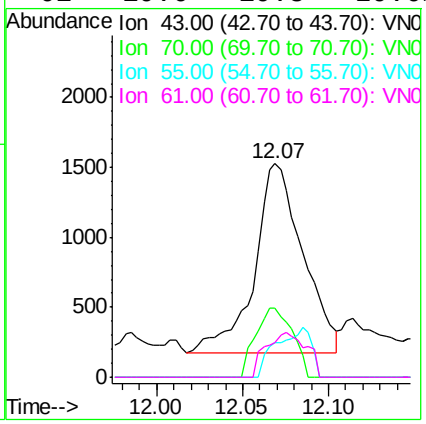


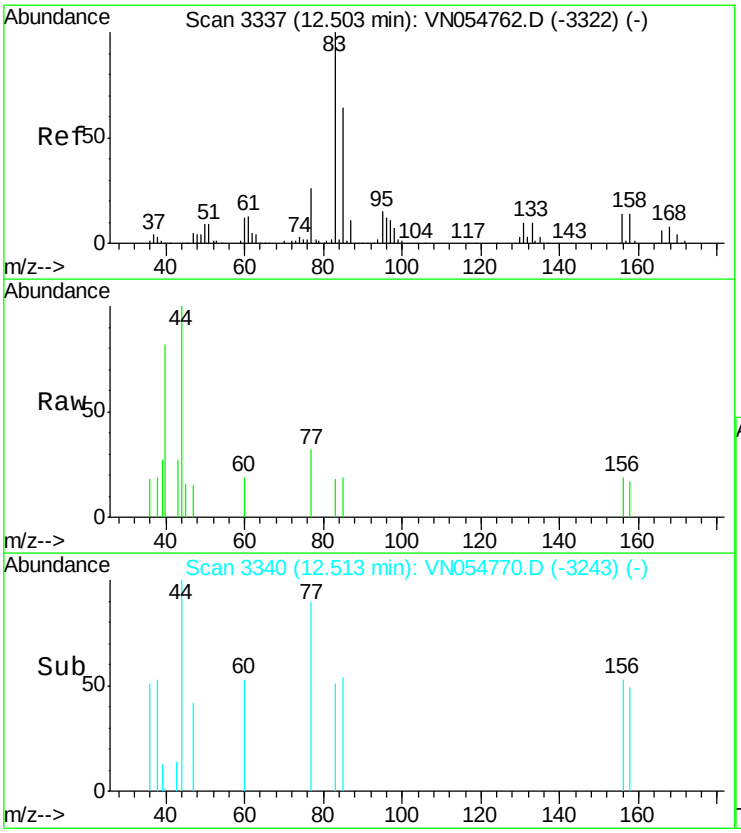
#74
N-amyl acetate
Concen: 0.391 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Tgt Ion: 43 Resp: 2649

Ion	Ratio	Lower	Upper
43	100		
70	27.6	35.4	53.0#
55	18.8	19.8	29.6#
61	19.6	19.8	29.6#

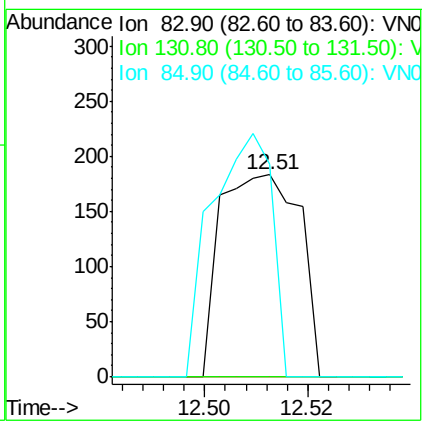


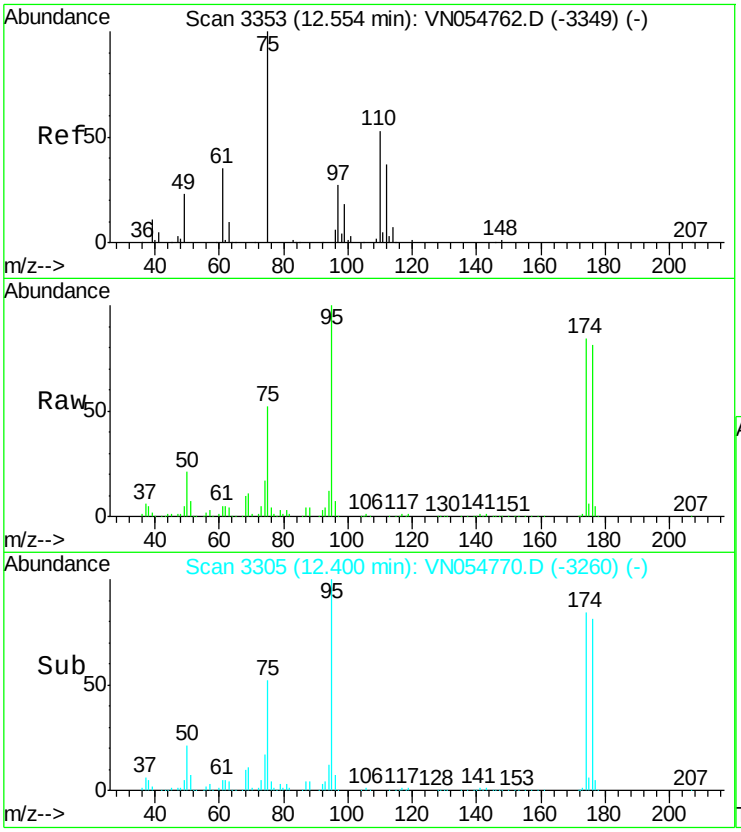


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.51 min Scan# 3340
Delta R.T. 0.01 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 83 Resp: 195

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	91.8	32.2	96.6



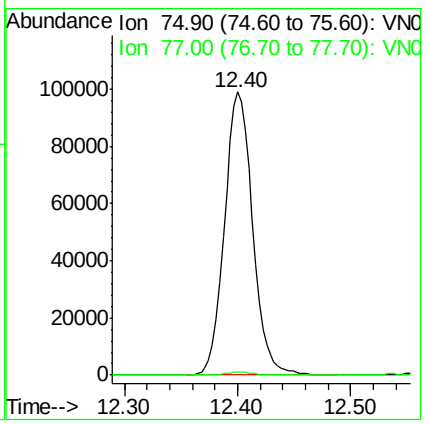


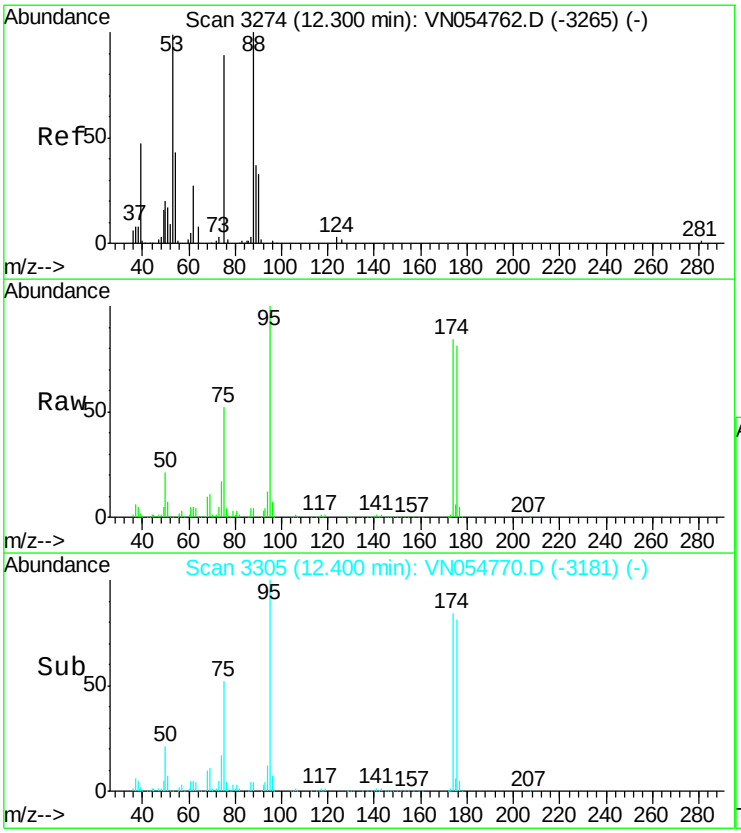
#76
1,2,3-Trichloropropane
Concen: 37.021 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion: 75 Resp: 171071

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

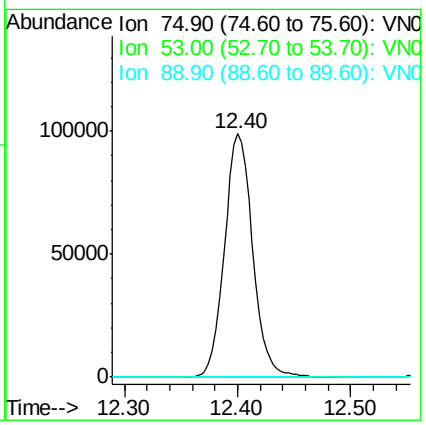


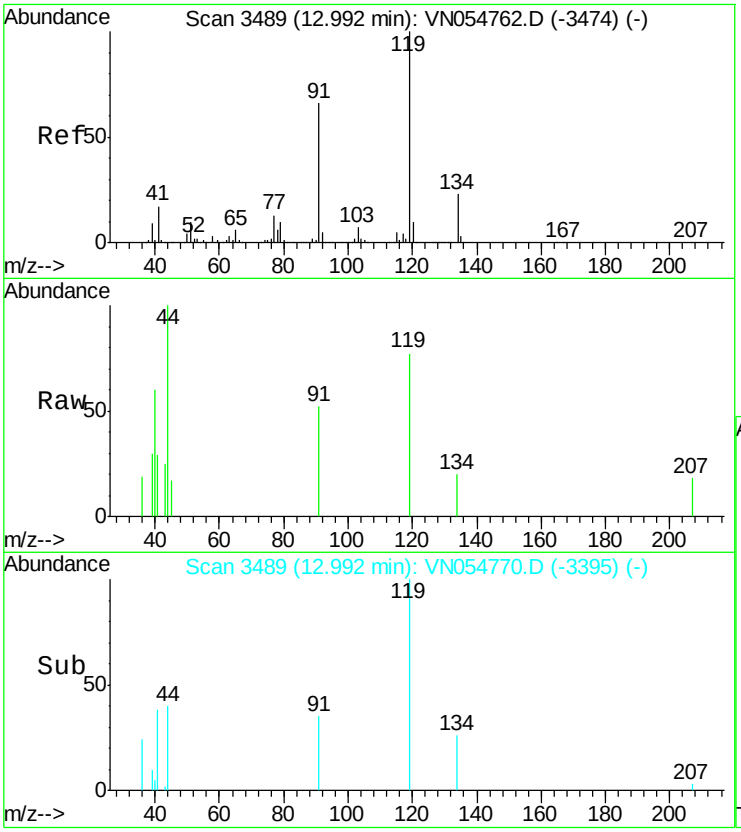


#81
trans-1,4-Dichloro-2-butene
Concen: 144.003 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 75 Resp: 171071

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



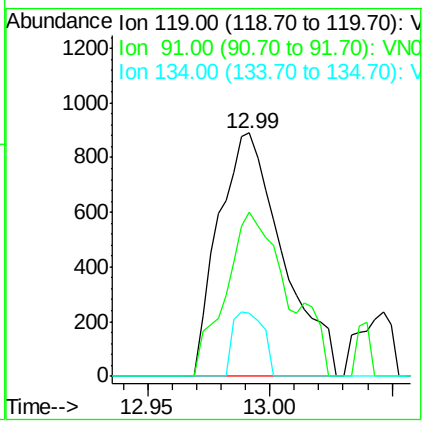


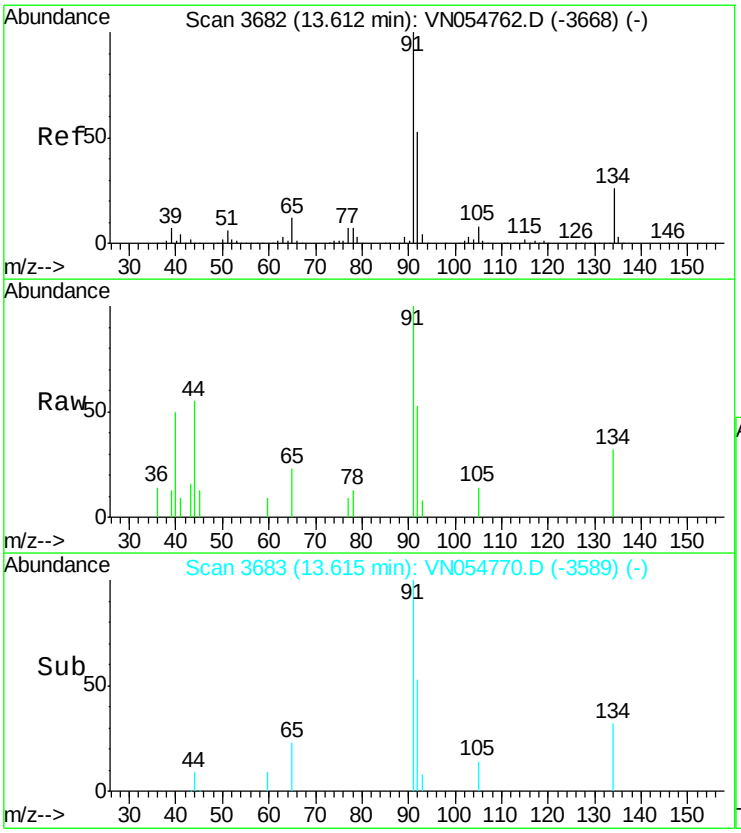
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument : MSVOA_N
ClientSampleId : VN0329MBL01

Tgt Ion:119 Resp: 1623

Ion	Ratio	Lower	Upper
119	100		
91	57.4	30.9	92.8
134	12.4	13.2	39.6#

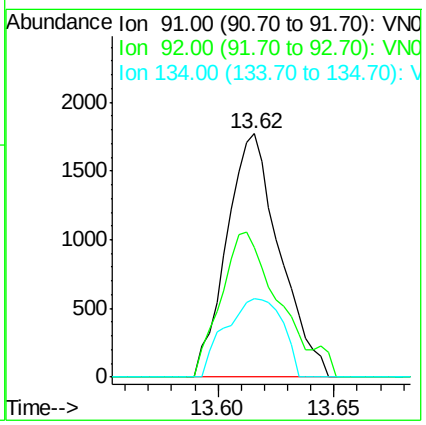


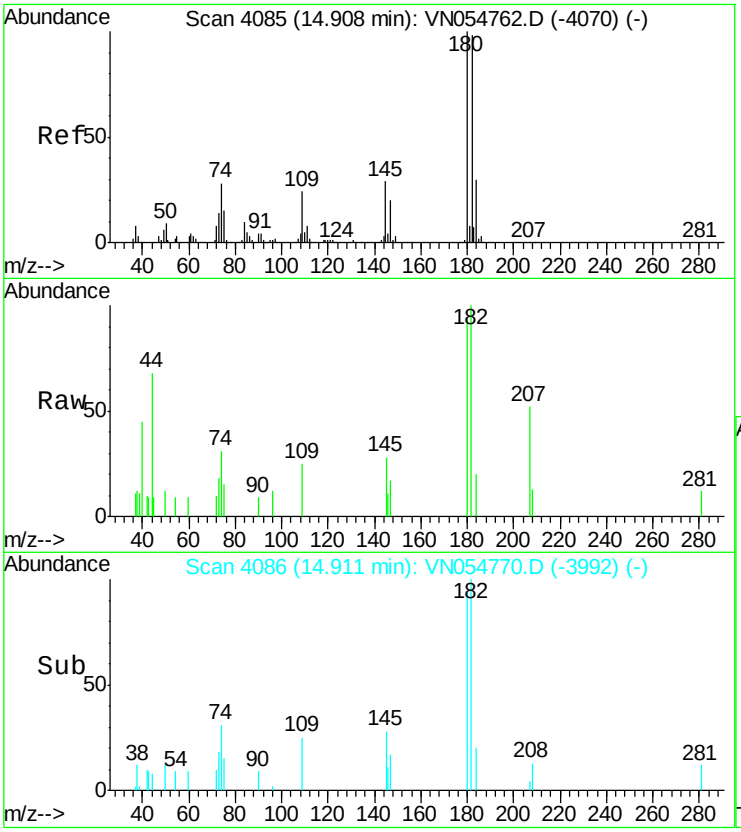


#89
n-Butylbenzene
Concen: 0.201 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion: 91 Resp: 2803

Ion	Ratio	Lower	Upper
91	100		
92	66.3	26.2	78.6
134	34.8	14.3	42.9



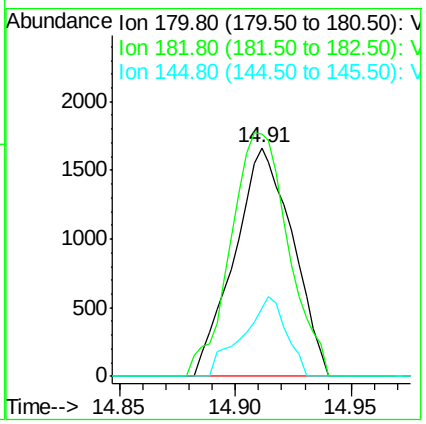


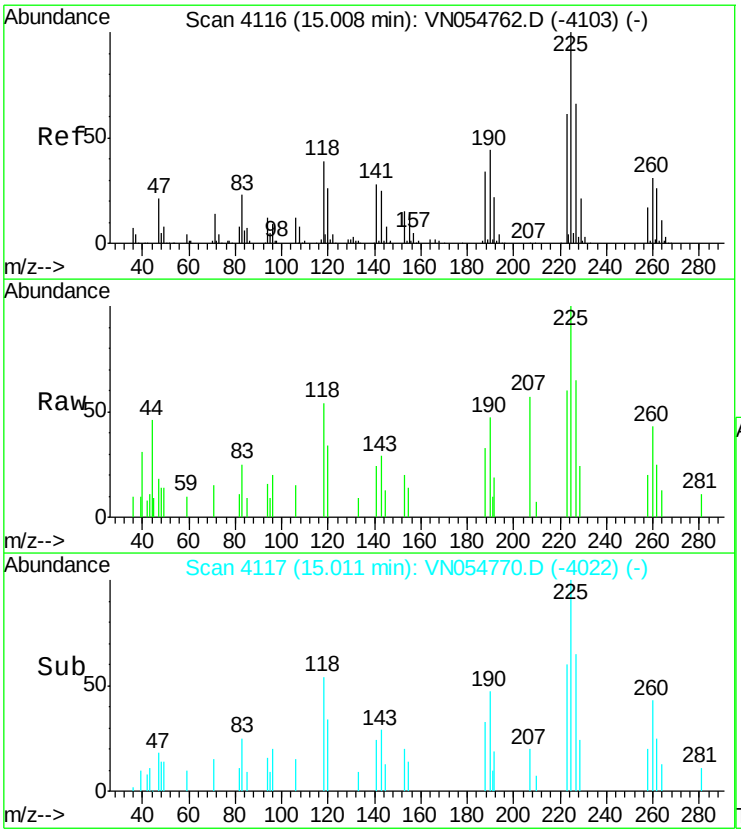
#93
1,2,4-Trichlorobenzene
Concen: 0.679 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion:180 Resp: 2901

Ion	Ratio	Lower	Upper
180	100		
182	105.7	48.0	144.2
145	26.3	14.2	42.8

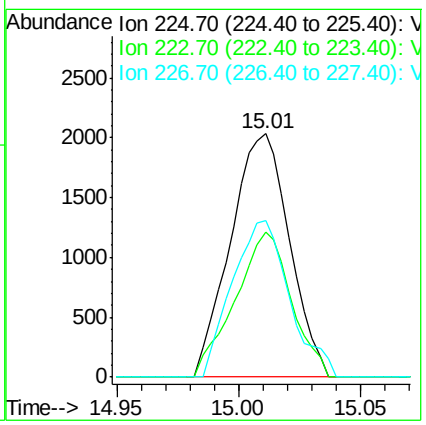


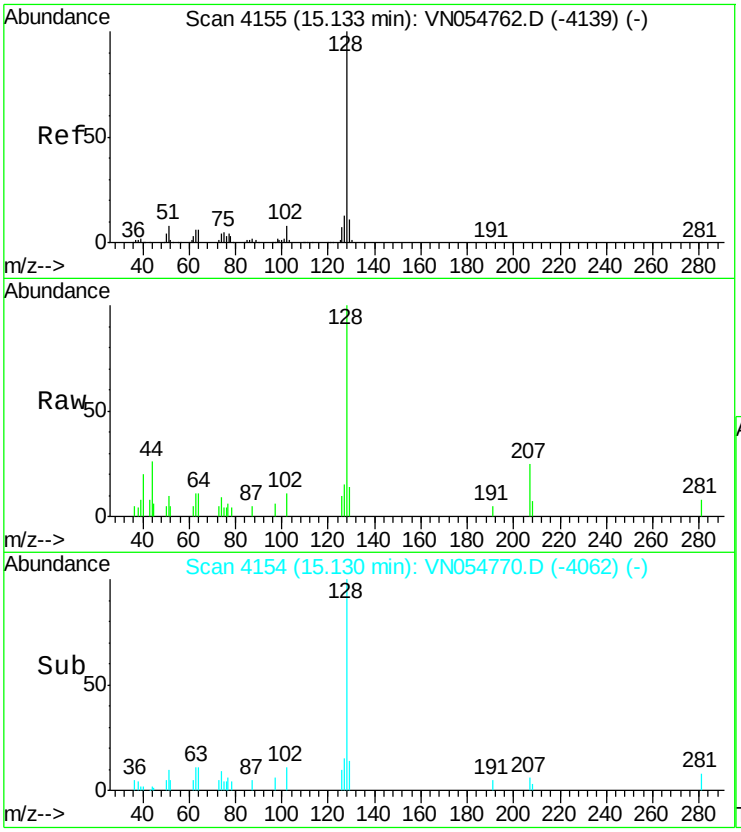


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion:225 Resp: 3396

Ion	Ratio	Lower	Upper
225	100		
223	56.8	31.1	93.5
227	62.7	31.9	95.9



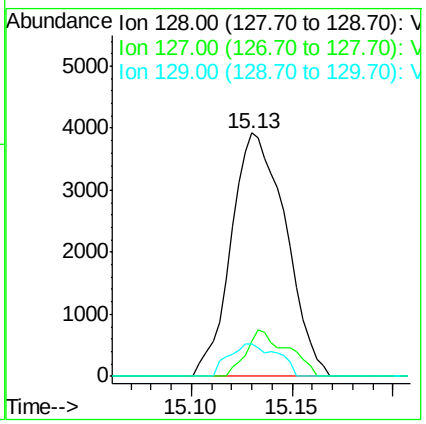


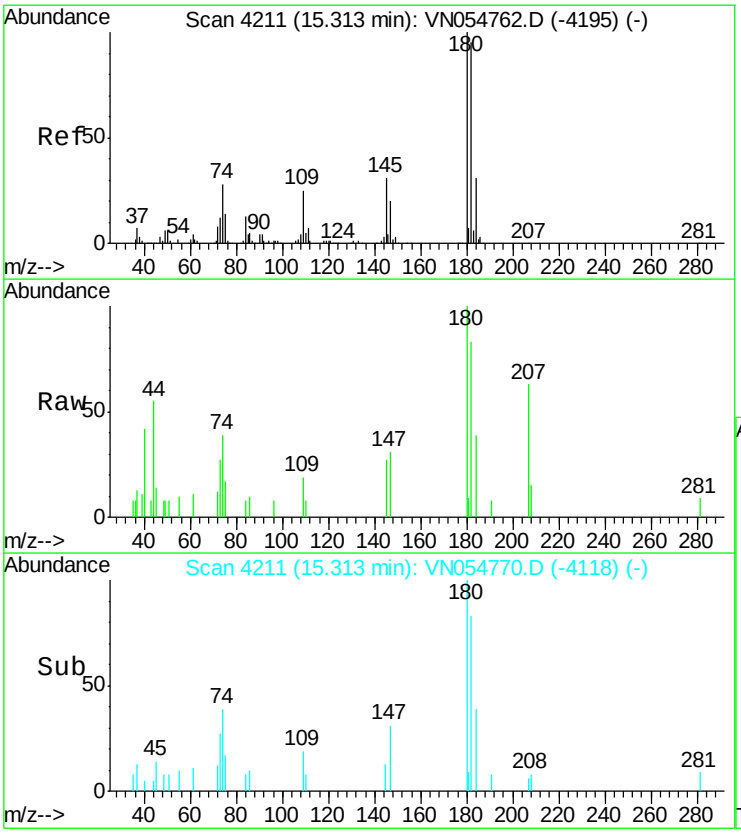
#95
Naphthalene
Concen: 0.773 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
VN0329MBL01

Tgt Ion:128 Resp: 7407

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.1	15.1
129	12.0	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.836 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054770.D
Acq: 29 Mar 2019 15:20

Tgt Ion:180 Resp: 3608

Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.5	142.6
145	30.1	14.8	44.3