Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054823.D
Acq On : 31 Mar 2019 1:18
Operator : JC/SP
Sample : K2164-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 31 04:43:03 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	7.67	168	511293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	842038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	677349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	219269	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	346690	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
35) Dibromofluoromethane	7.59	113	273322	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
50) Toluene-d8	10.09	98	993121	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.16%			
62) 4-Bromofluorobenzene	12.40	95	282490	40.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.40%			
Target Compounds						Qvalue
5) Bromomethane	2.58	94	211	Below Cal	#	74
16) Acetone	3.82	43	1043	0.635 ug/l	#	38
17) Carbon Disulfide	4.04	76	3288	0.252 ug/l	#	91
18) Methyl Acetate	4.35	43	1116	Below Cal		90
19) Methyl tert-butyl Ether	5.06	73	29687	2.112 ug/l	#	90
29) Tetrahydrofuran	7.23	42	354	0.210 ug/l	#	30
31) Cyclohexane	7.66	56	10840	Below Cal	#	19
36) 1,1-Dichloropropene	7.66	75	39547	5.040 ug/l	#	47
38) Carbon Tetrachloride	7.67	117	47432	6.224 ug/l	#	17
43) Isopropyl Acetate	8.26	43	5333	0.570 ug/l	#	60
75) 1,1,2,2-Tetrachloroethane	12.41	83	103	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	147392	38.694 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	147392	150.508 ug/l	#	11

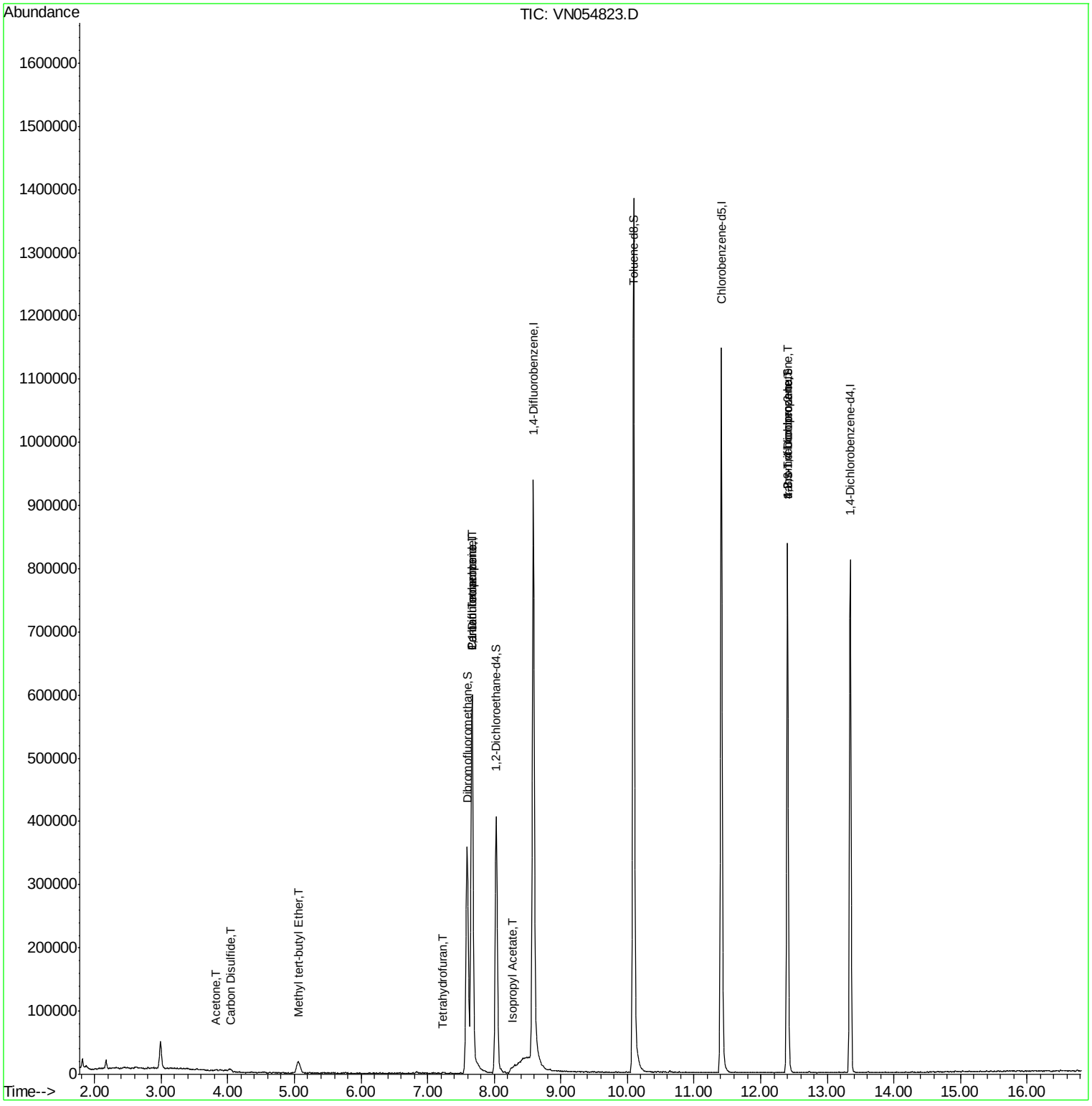
(#) = qualifier out of range (m) = manual integration (+) = signals summed

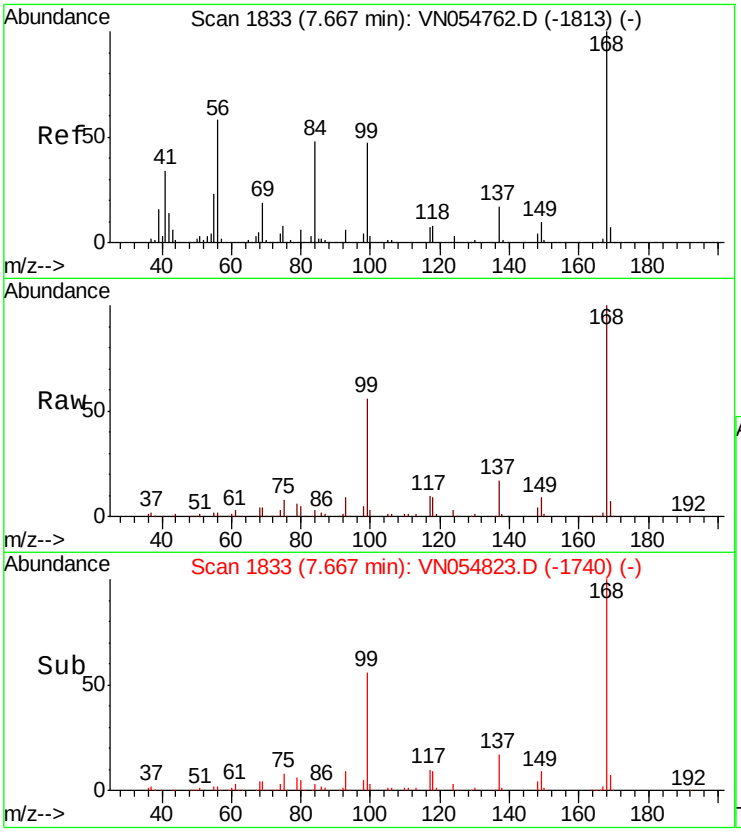
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033019\
Data File : VN054823.D
Acq On : 31 Mar 2019 1:18
Operator : JC/SP
Sample : K2164-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 31 04:43:03 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



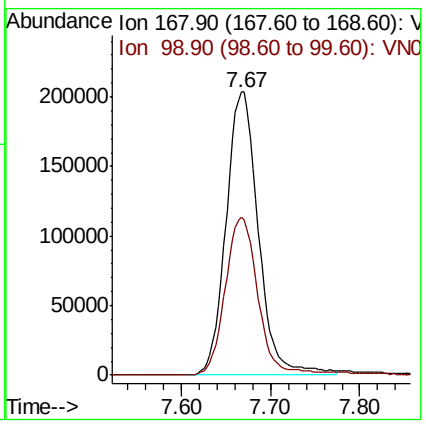


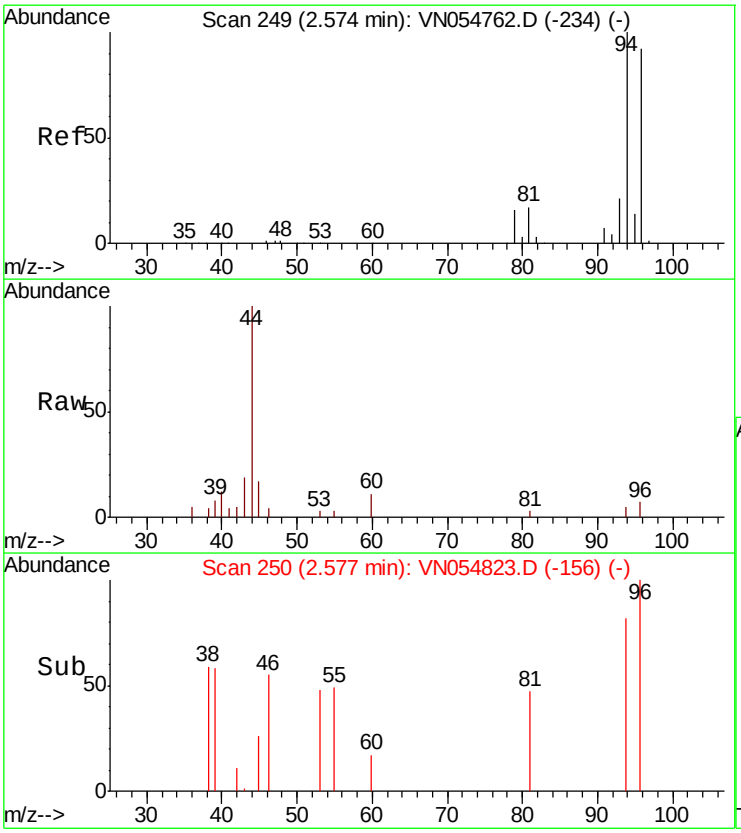
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 511293

Ion	Ratio	Lower	Upper
168	100		
99	55.7	37.1	55.7#

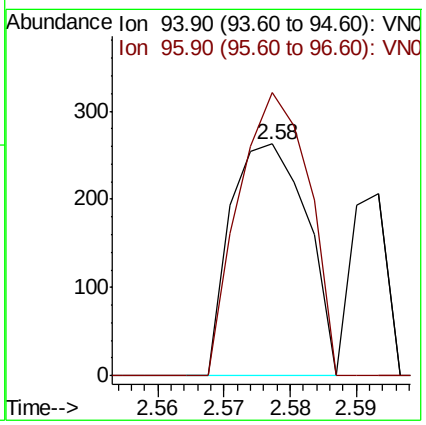


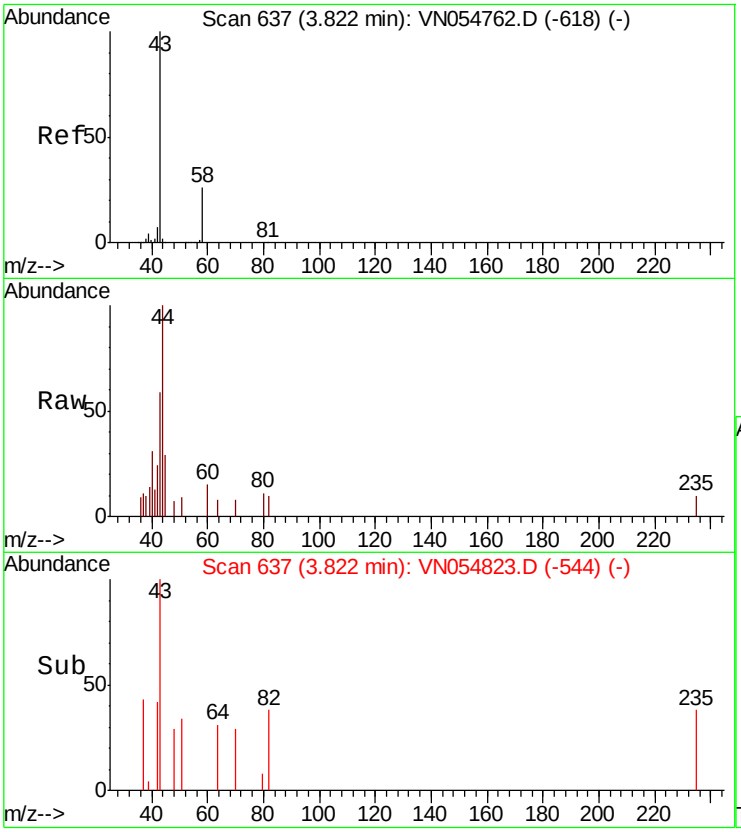


#5
Bromomethane
Concen: Below Cal
RT: 2.58 min Scan# 250
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 94 Resp: 211

Ion	Ratio	Lower	Upper
94	100		
96	122.1	77.0	115.4#



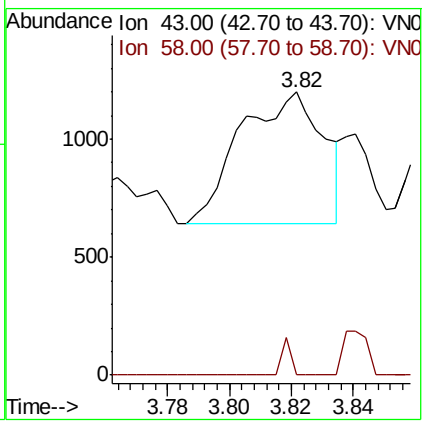


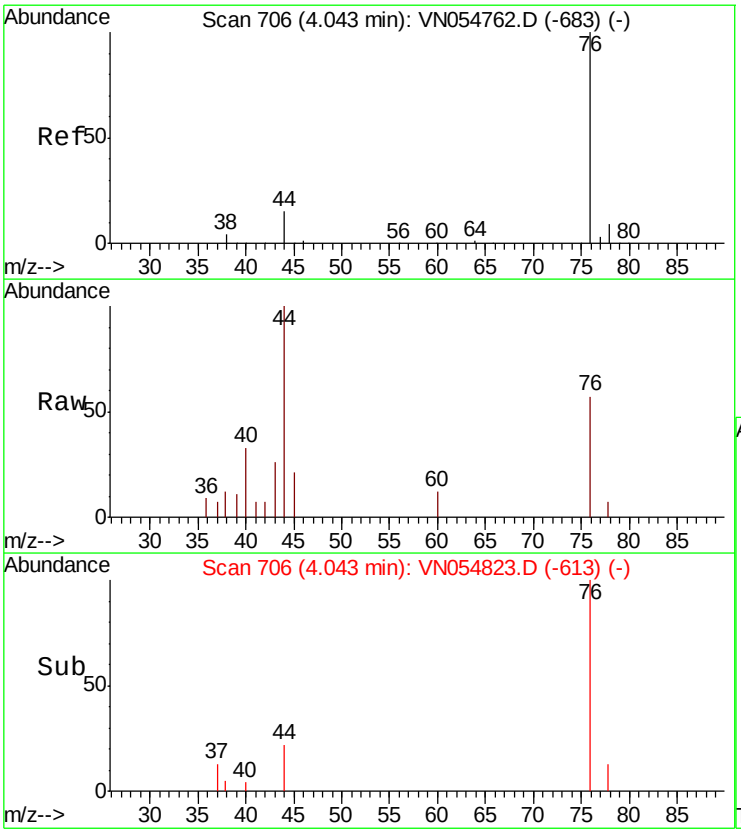
#16
Acetone
Concen: 0.635 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1043

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.9	44.9#

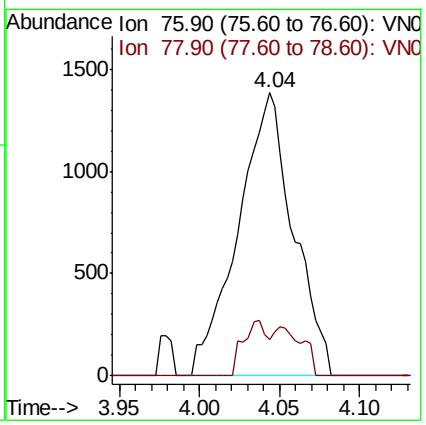


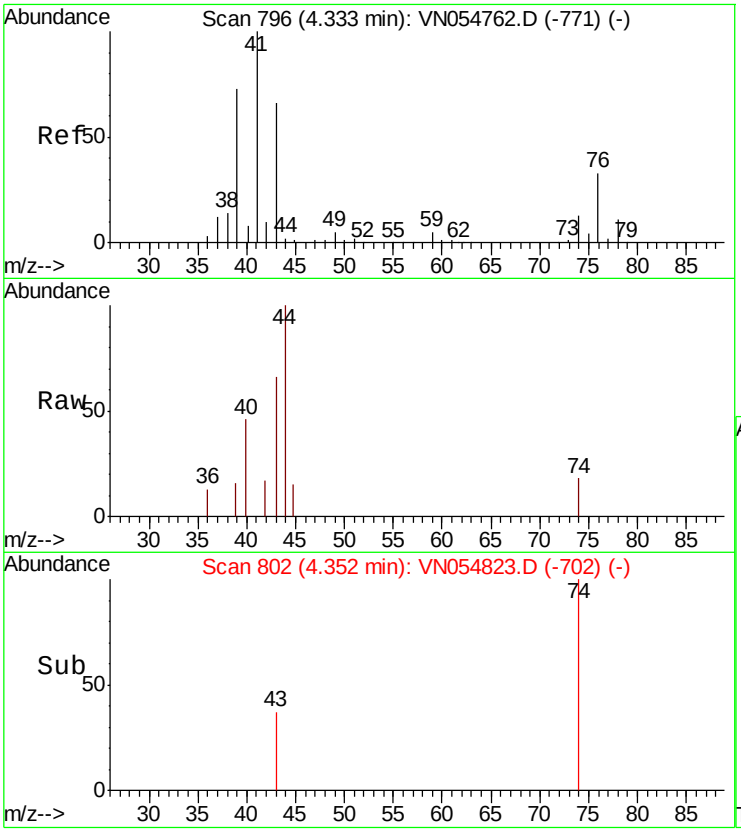


#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 76 Resp: 3288

Ion	Ratio	Lower	Upper
76	100		
78	12.8	7.5	11.3#



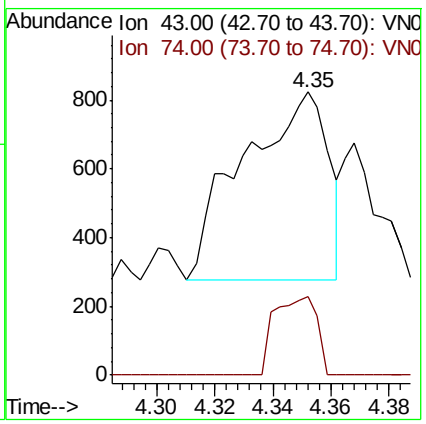


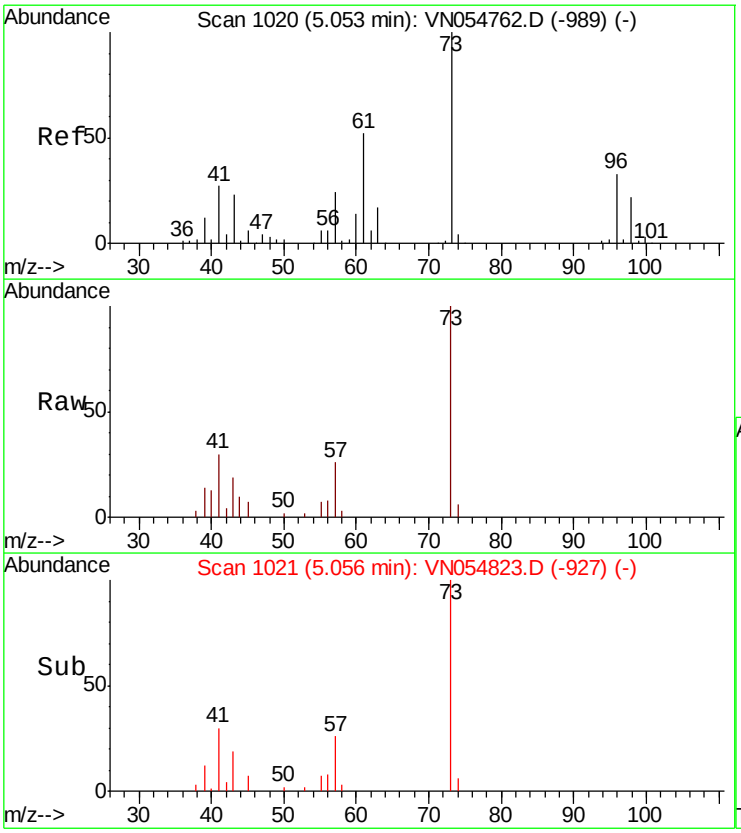
#18
Methyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 802
Delta R.T. 0.02 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1116

Ion	Ratio	Lower	Upper
43	100		
74	20.9	20.8	31.2

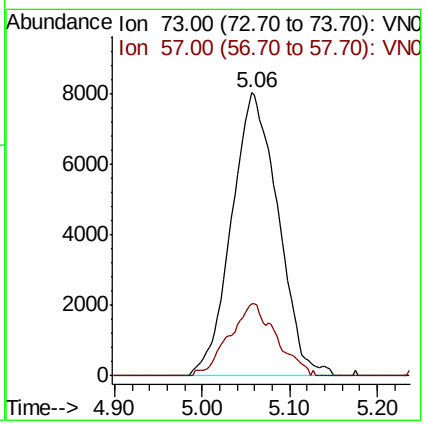


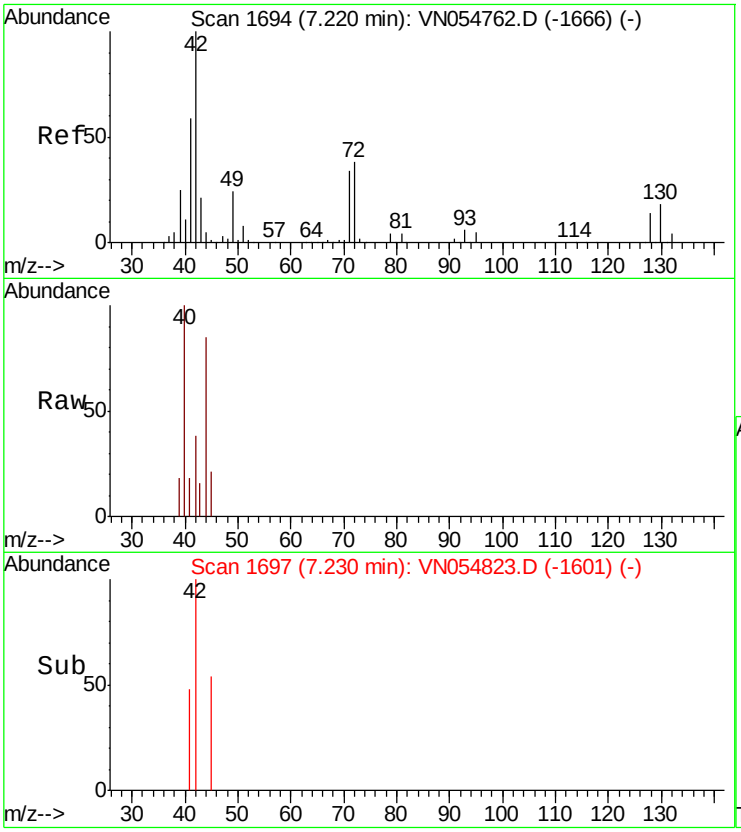


#19
Methyl tert-butyl Ether
Concen: 2.112 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 73 Resp: 29687

Ion	Ratio	Lower	Upper
73	100		
57	25.6	16.8	25.2#



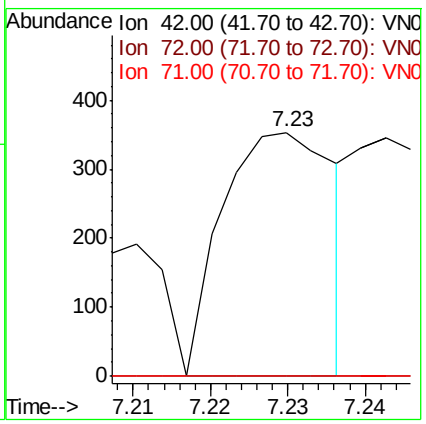


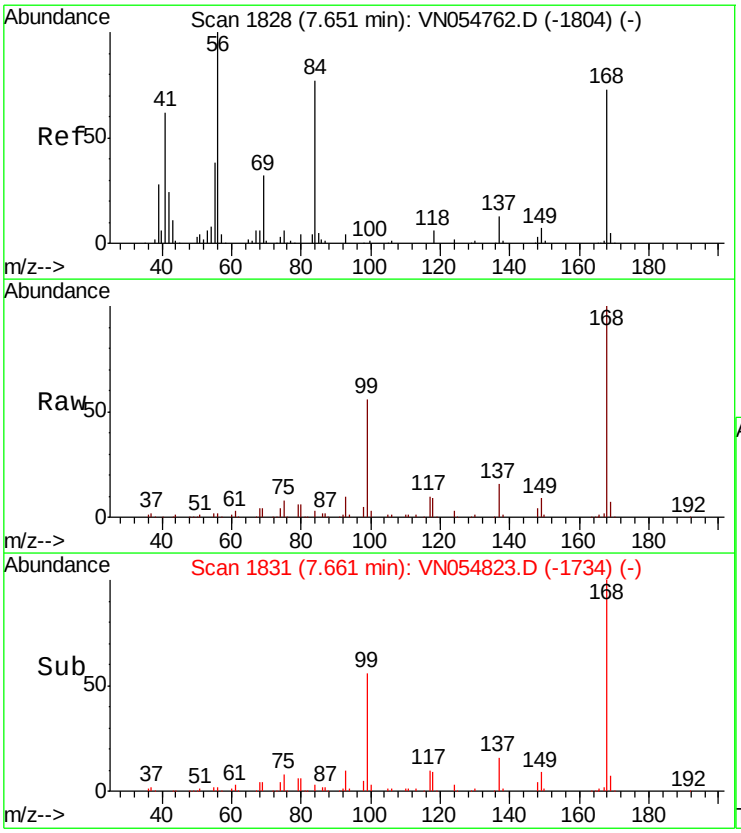
#29
Tetrahydrofuran
Concen: 0.210 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 354

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

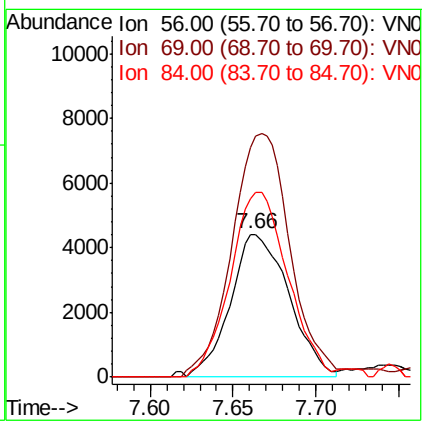


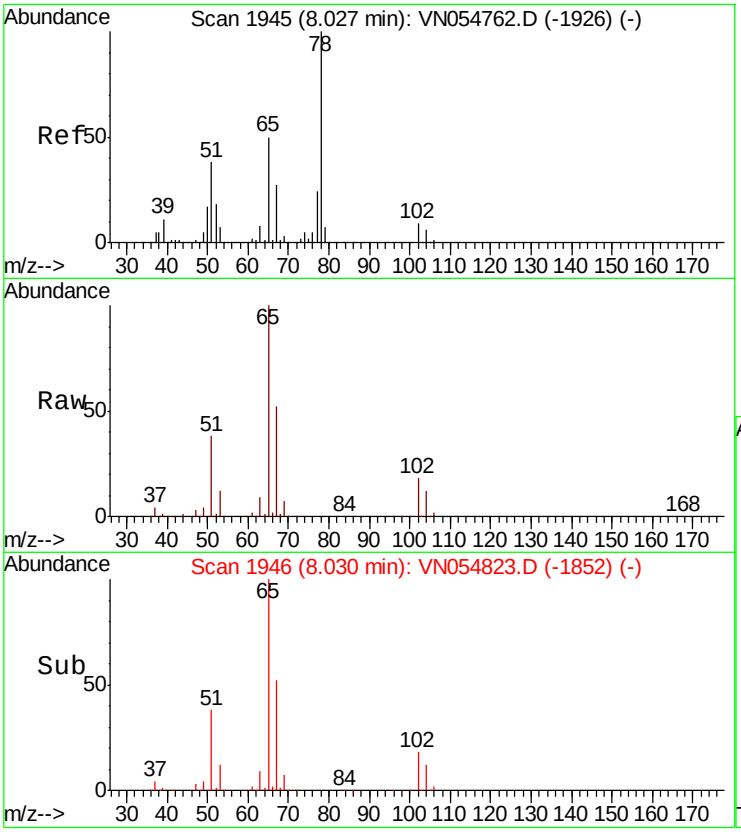


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 56 Resp: 10840

Ion	Ratio	Lower	Upper
56	100		
69	156.8	27.8	41.6#
84	124.7	74.6	111.8#



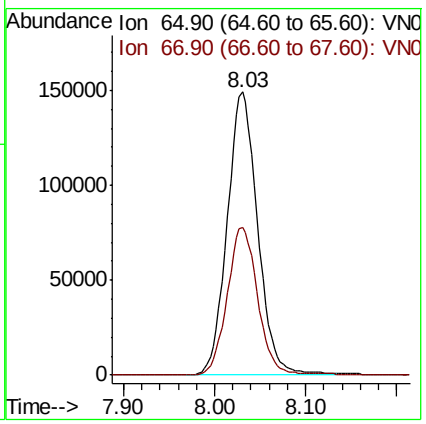


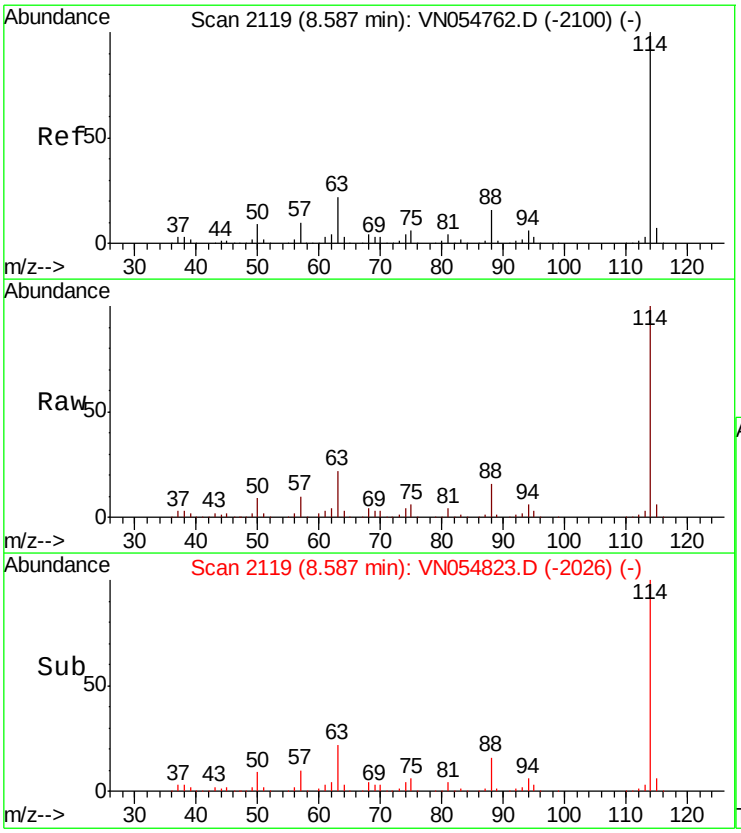
#33
1,2-Dichloroethane-d4
Concen: 50.301 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 346690

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6

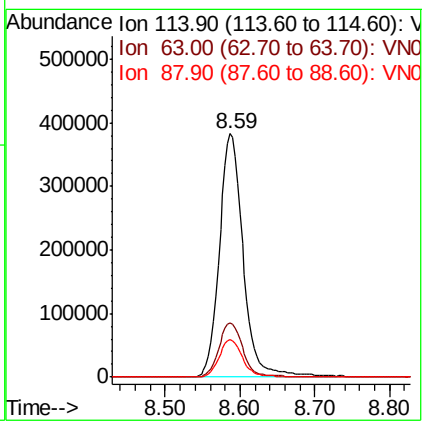


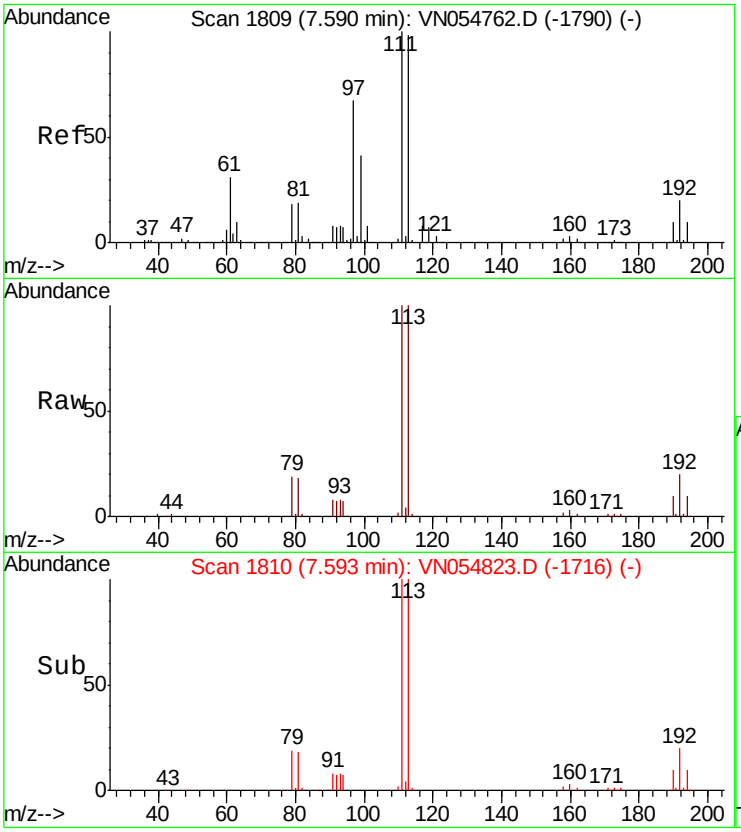


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion:114 Resp: 842038

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	35.2
88	15.6	0.0	30.2



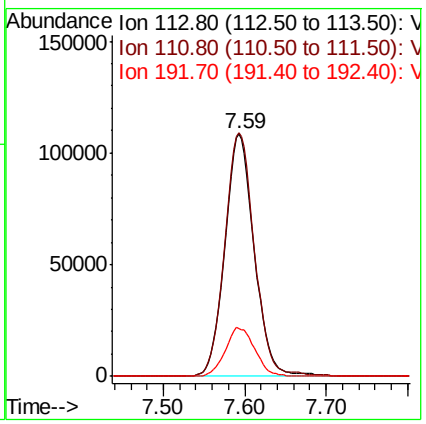


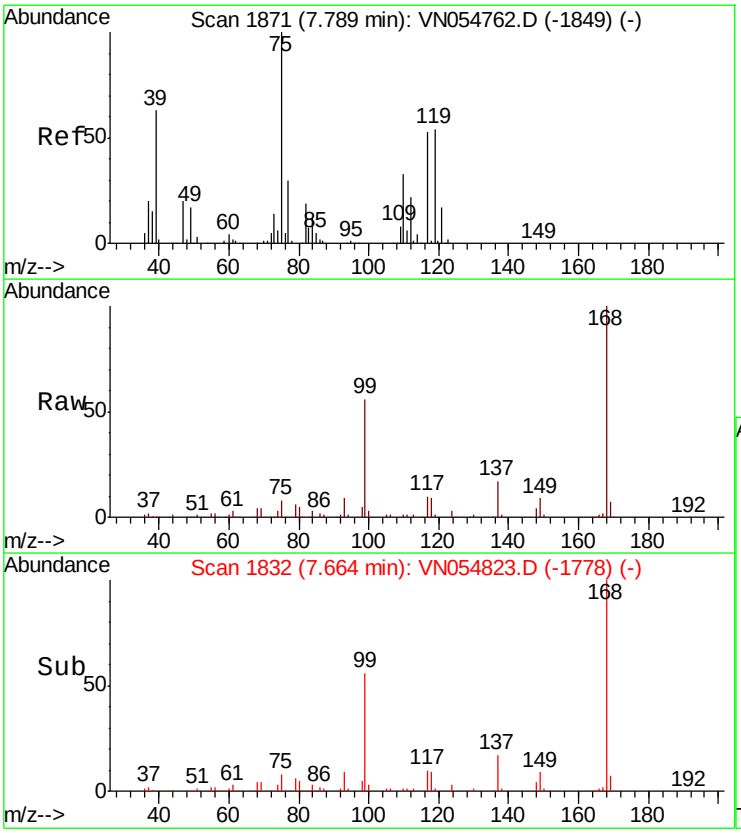
#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 273322

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	20.3	19.2	28.8

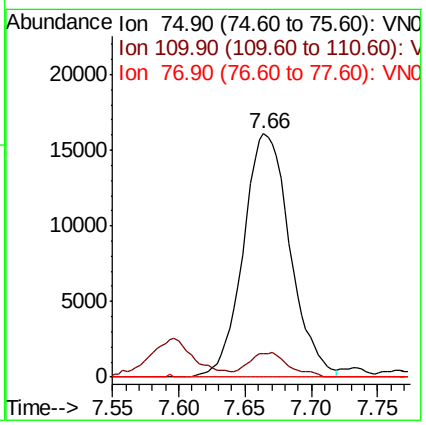


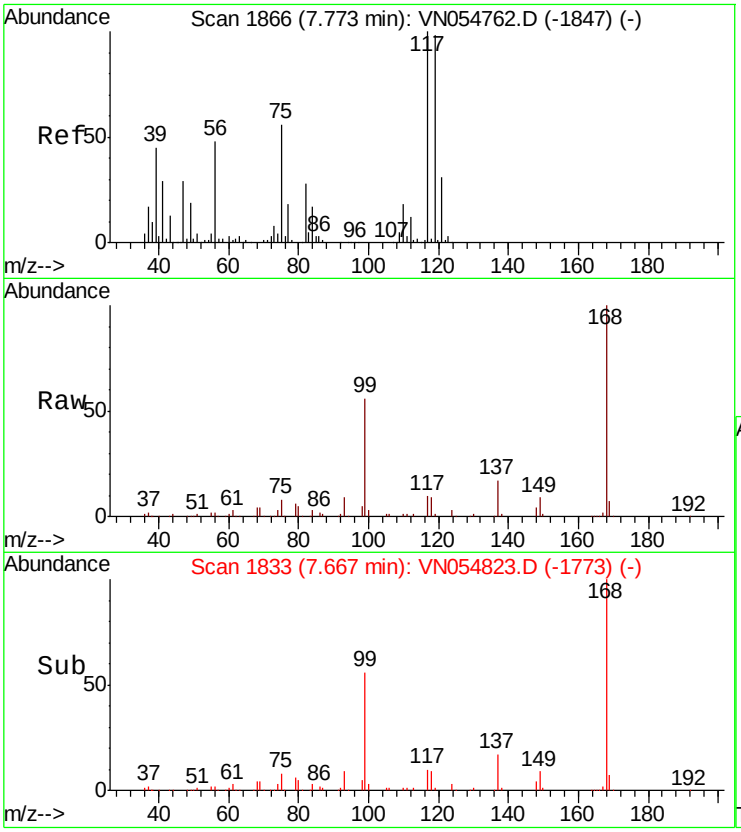


#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 75 Resp: 39547

Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.1	57.5#
77	0.0	25.0	37.4#



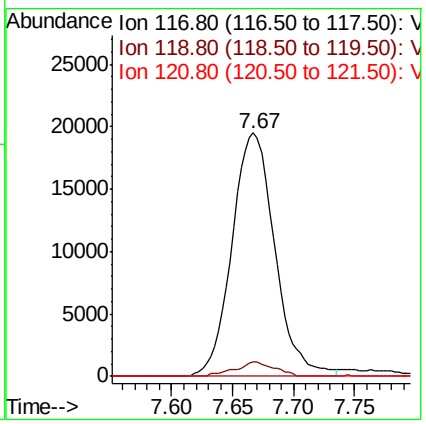


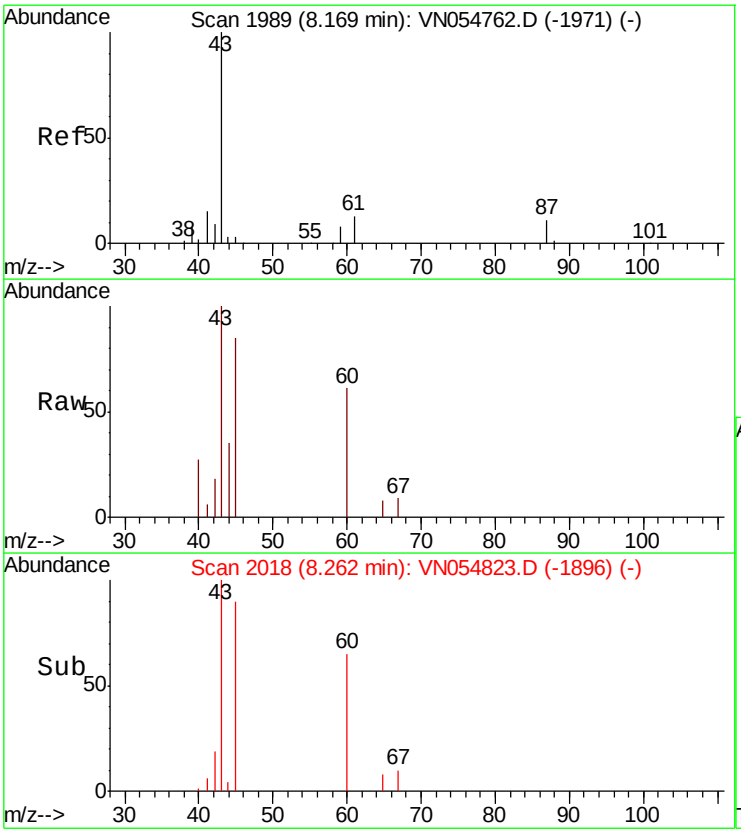
#38
Carbon Tetrachloride
Concen: 6.224 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 47432

Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.3	114.5#
121	0.0	24.6	36.8#

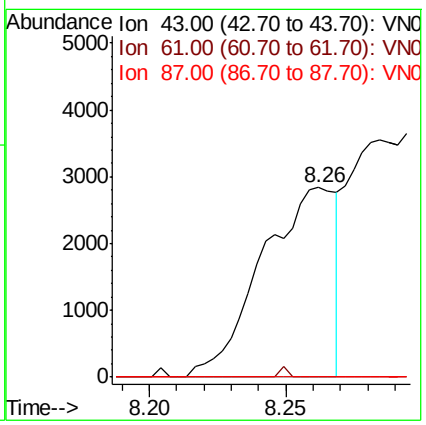


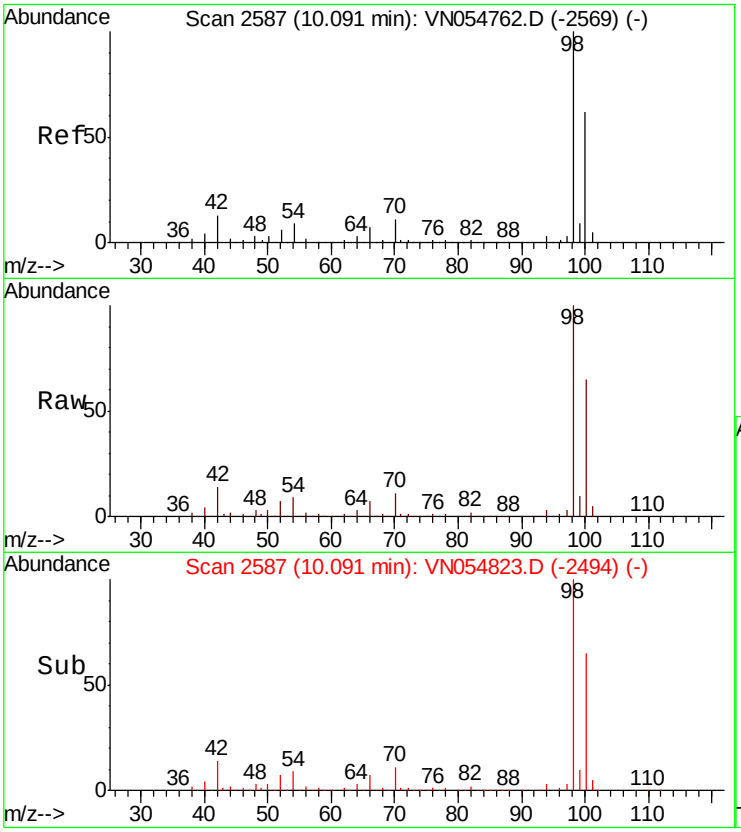


#43
Isopropyl Acetate
Concen: 0.570 ug/l
RT: 8.26 min Scan# 2018
Delta R.T. 0.09 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 43 Resp: 5333

Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.8	23.8#
87	0.0	12.0	18.0#



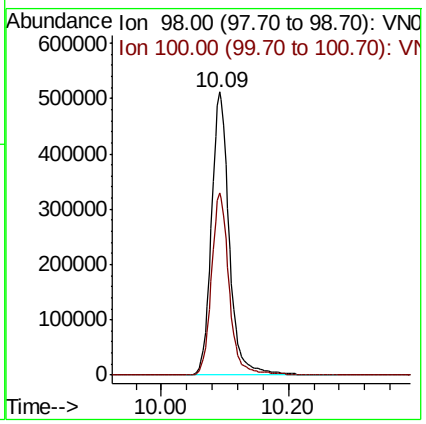


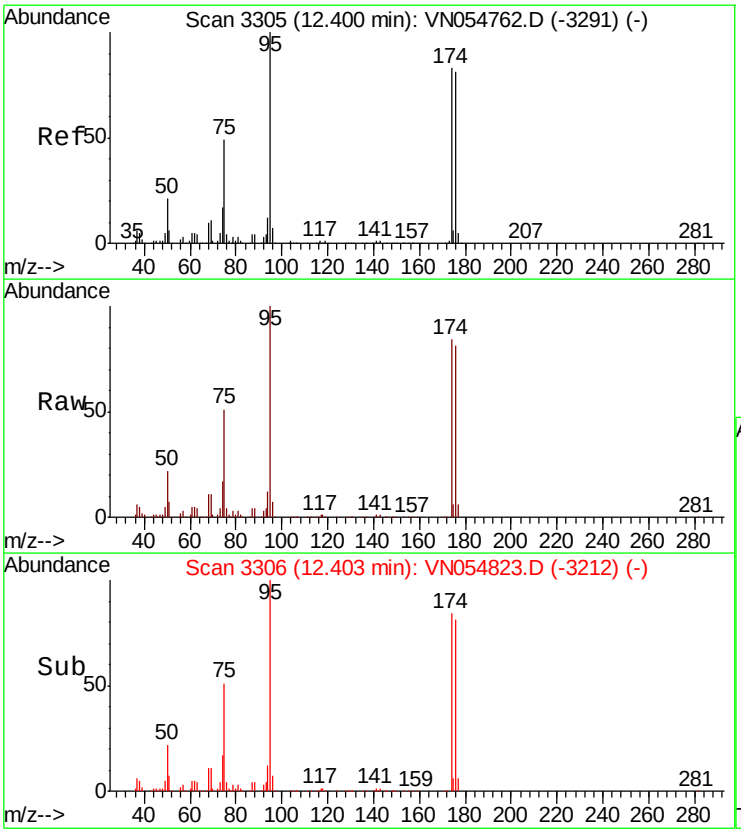
#50
Toluene-d8
Concen: 47.584 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 993121

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8

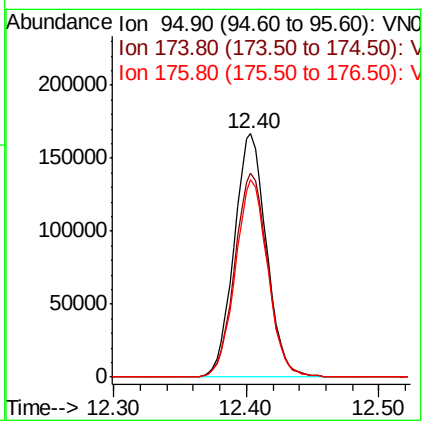


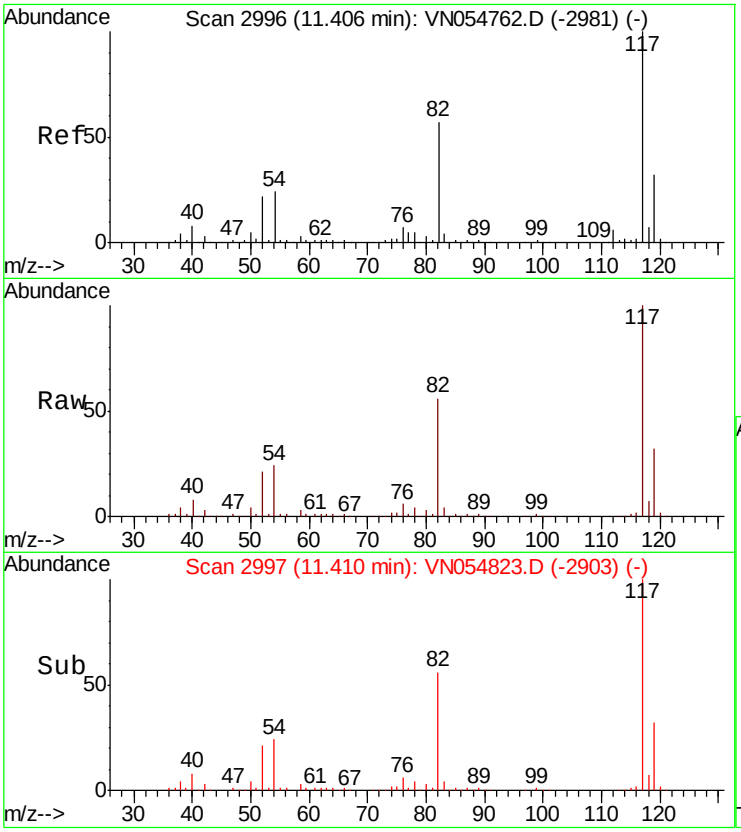


#62
4-Bromofluorobenzene
Concen: 40.698 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 95 Resp: 282490

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	191.0
176	81.6	0.0	187.4



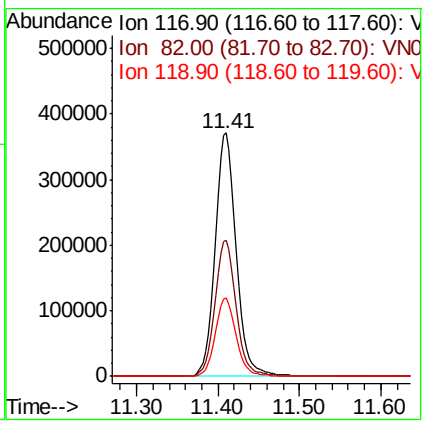


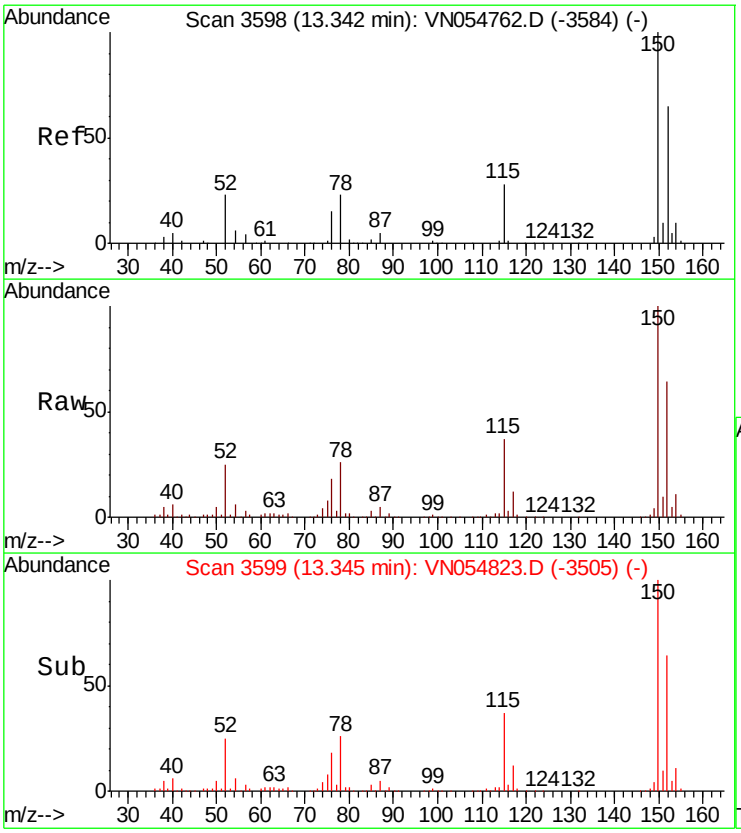
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 677349

Ion	Ratio	Lower	Upper
117	100		
82	55.7	40.0	60.0
119	32.0	25.8	38.6

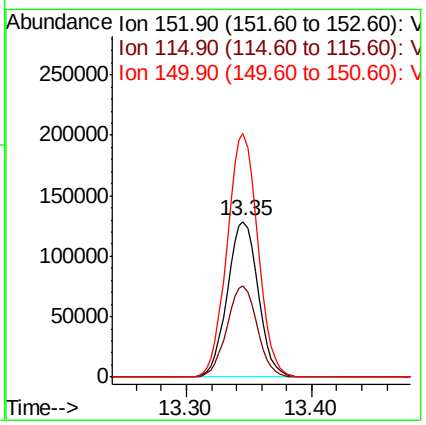


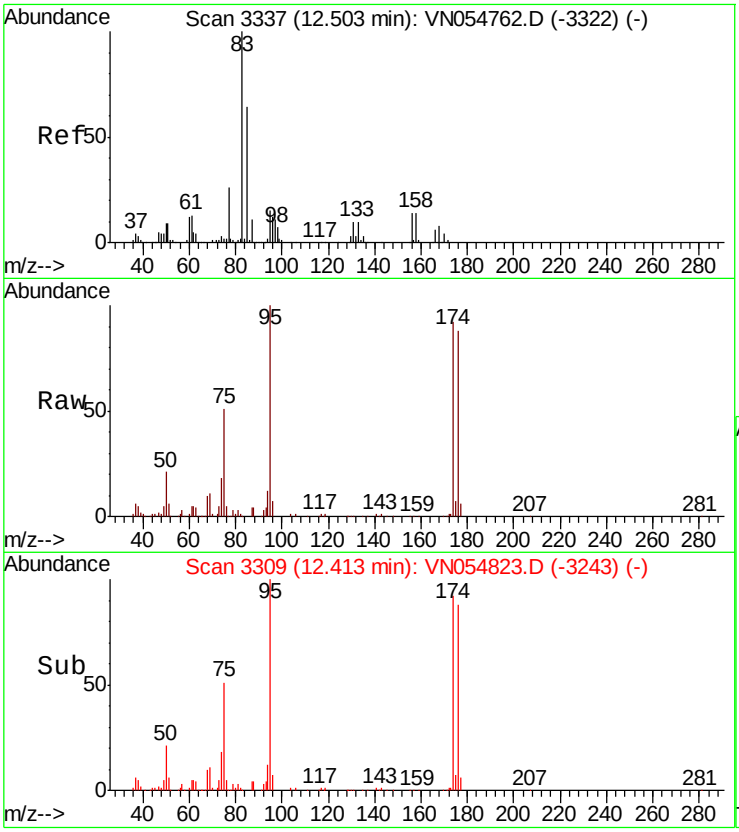


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion:152 Resp: 219269

Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.2	81.6
150	156.2	0.0	349.2



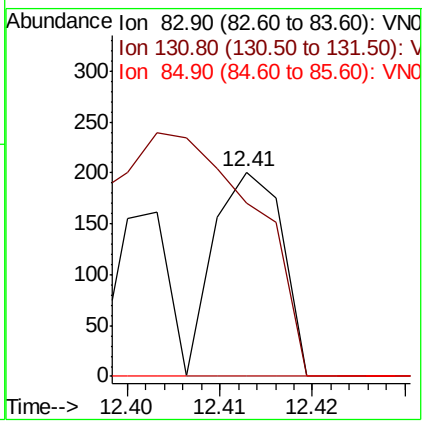


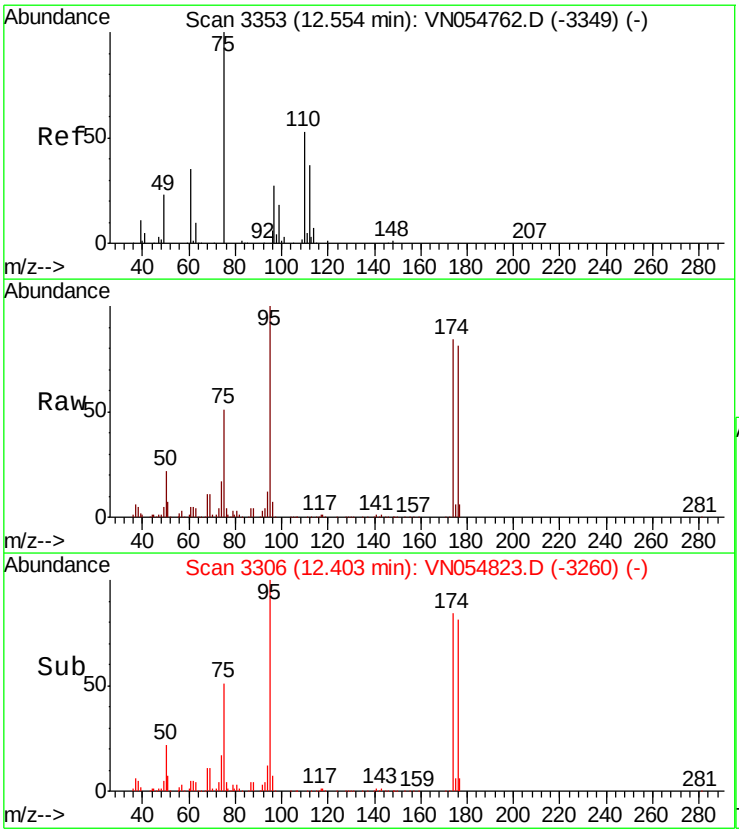
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.41 min Scan# 3309
Delta R.T. -0.09 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 103

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

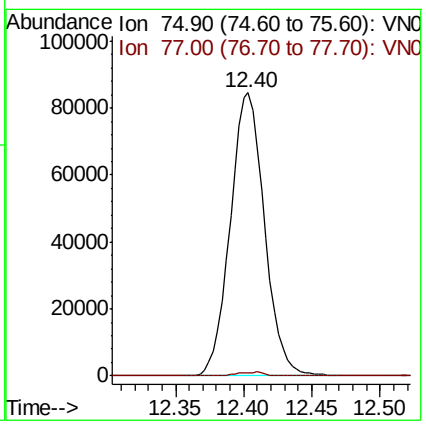


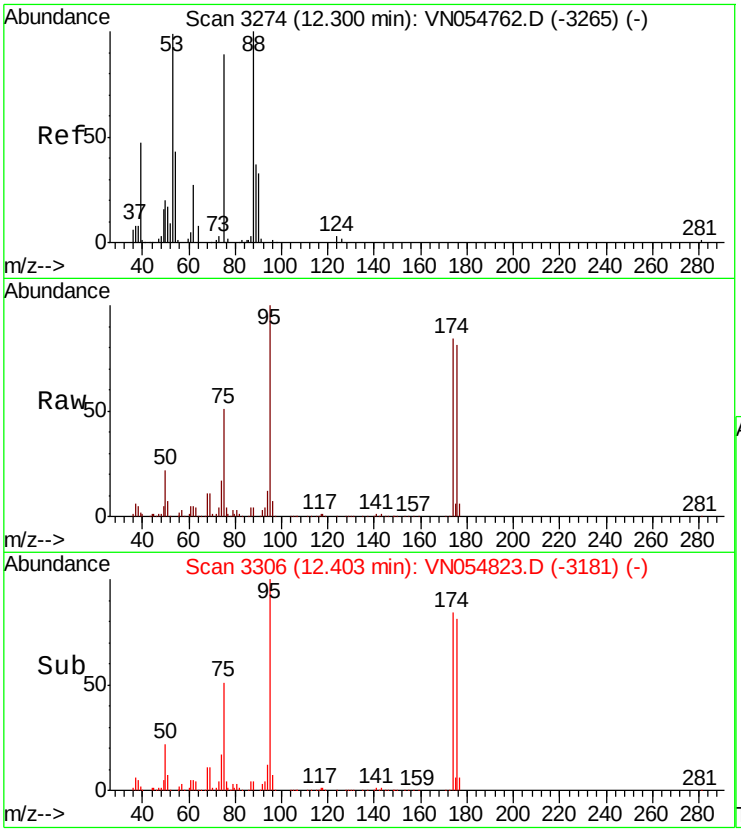


#76
1,2,3-Trichloropropane
Concen: 38.694 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Tgt Ion: 75 Resp: 147392

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 150.508 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN054823.D
Acq: 31 Mar 2019 1:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 147392

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