Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051560.D
Acq On : 27 Sep 2018 1:44
Operator : MD\SY
Sample : J4775-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Quant Time: Sep 27 08:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	619120	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1010425	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	848171	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321974	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	445110	57.39	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.78%				
35) Dibromofluoromethane	7.59	113	385261	47.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.36%				
50) Toluene-d8	10.09	98	1409353	46.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.64%				
62) 4-Bromofluorobenzene	12.40	95	386498	39.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.54%				
Target Compounds							Qvalue
5) Bromomethane	2.57	94	1135	0.246	ug/l	#	71
16) Acetone	3.83	43	25525	Below Cal			99
18) Methyl Acetate	4.33	43	19323	3.271	ug/l	#	79
20) Methylene Chloride	4.55	84	94730	12.343	ug/l		98
25) 2-Butanone	6.84	43	2528	0.952	ug/l		97
29) Tetrahydrofuran	7.24	42	1343	0.798	ug/l	#	45
30) Chloroform	7.37	83	5409	0.410	ug/l		95
31) Cyclohexane	7.66	56	11910	0.975	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	42987	3.674	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	55574	4.541	ug/l	#	16
43) Isopropyl Acetate	8.17	43	266426	21.901	ug/l	#	92
48) Methyl methacrylate	9.18	41	7186	1.185	ug/l	#	20
51) 4-Methyl-2-Pentanone	9.99	43	1685	0.252	ug/l		89
59) 2-Hexanone	10.77	43	12769	2.944	ug/l	#	60
67) Ethyl Benzene	11.51	91	7869	0.215	ug/l		100
68) m/p-Xylenes	11.62	106	8307	0.586	ug/l		85
69) o-Xylene	11.95	106	3090	0.227	ug/l		96
76) 1,2,3-Trichloropropane	12.40	75	191251	35.781	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	6766	0.305	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	191251	110.026	ug/l	#	12
84) 1,2,4-Trimethylbenzene	13.04	105	19295	0.864	ug/l		97
90) Hexachloroethane	13.89	117	1281	0.279	ug/l	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	1432	6.184	ug/l	#	87
95) Naphthalene	15.14	128	116312	16.197	ug/l		99

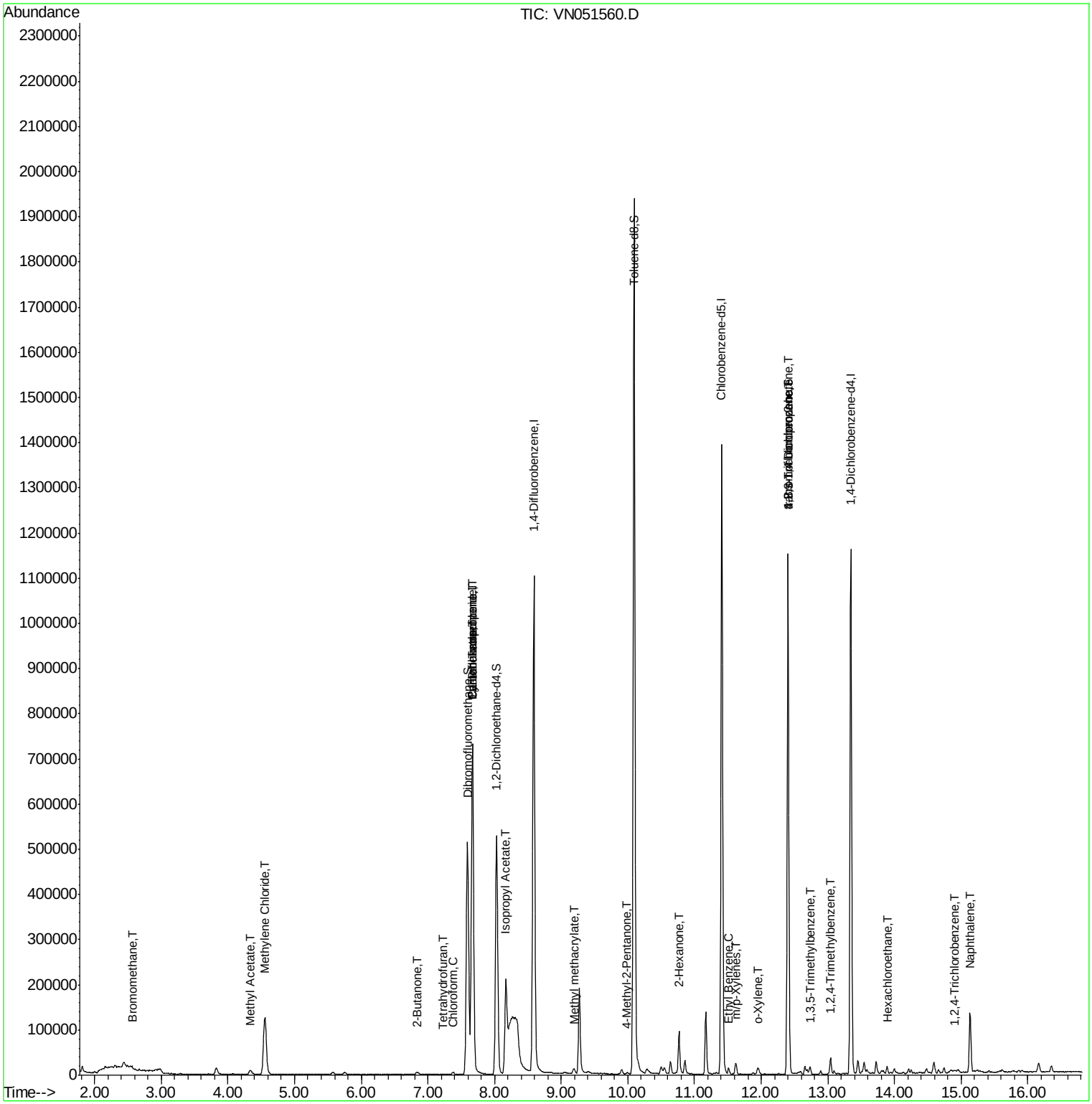
(#) = qualifier out of range (m) = manual integration (+) = signals summed

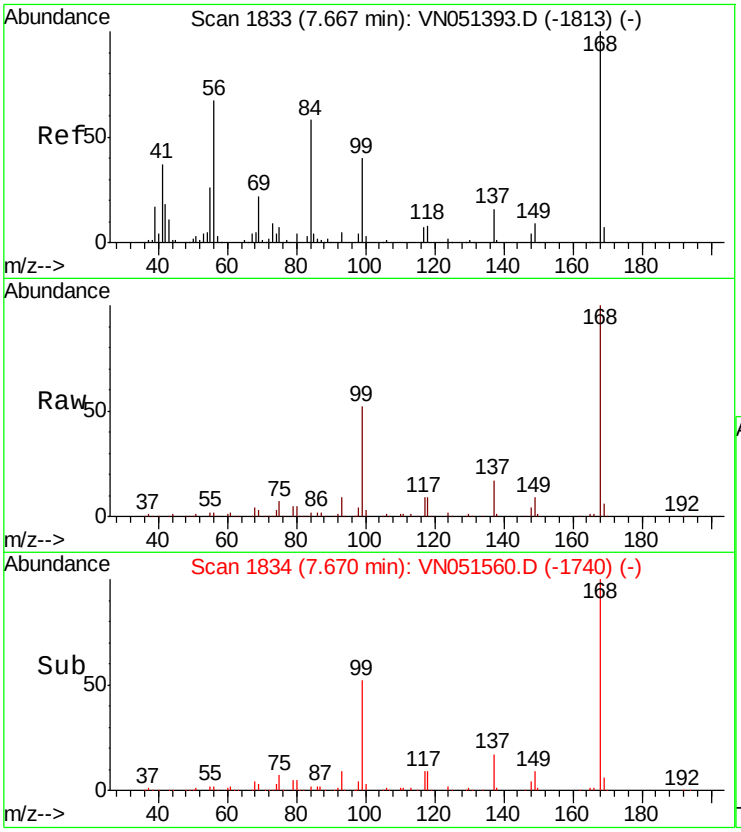
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051560.D
Acq On : 27 Sep 2018 1:44
Operator : MD\SY
Sample : J4775-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Quant Time: Sep 27 08:03:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration



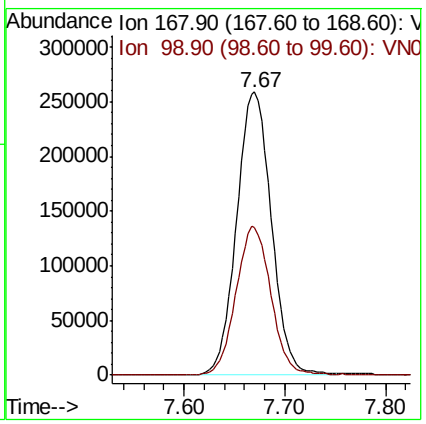


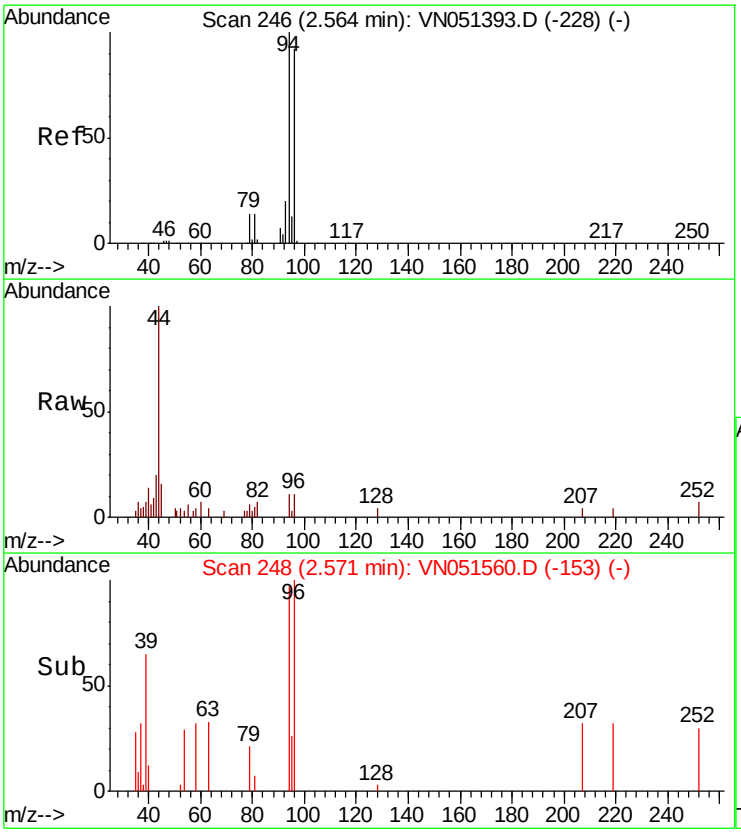
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion:168 Resp: 619120

Ion	Ratio	Lower	Upper
168	100		
99	52.3	40.2	60.2

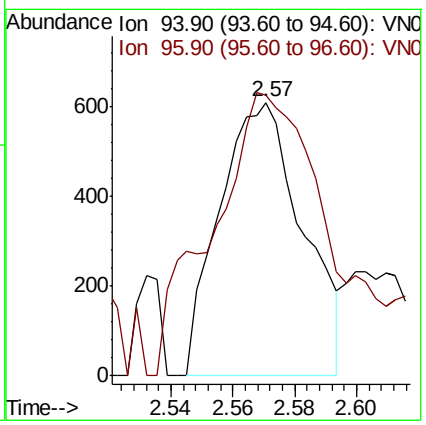


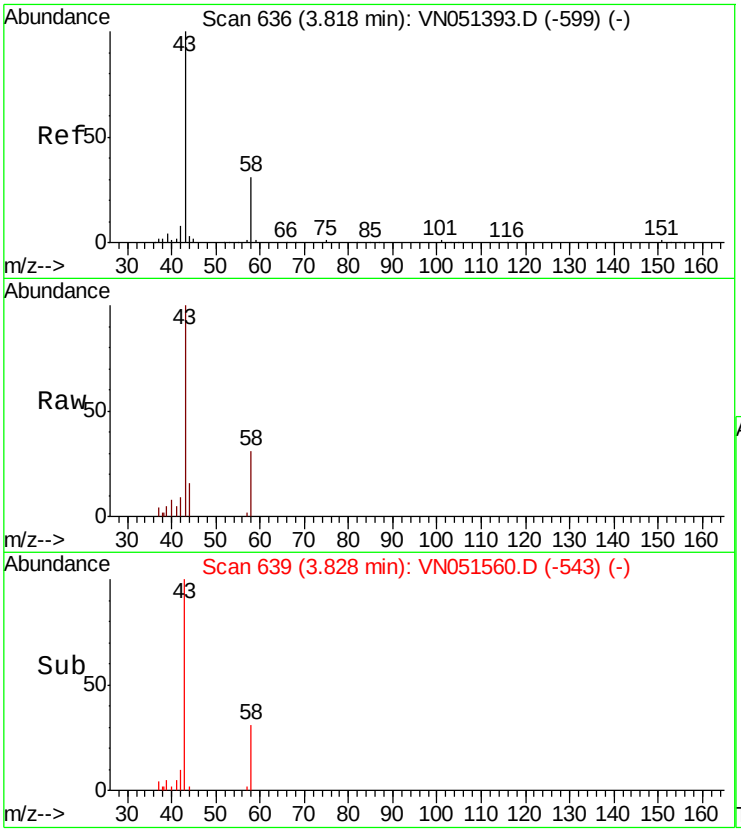


#5
Bromomethane
Concen: 0.246 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 94 Resp: 1135

Ion	Ratio	Lower	Upper
94	100		
96	64.5	73.6	110.4#



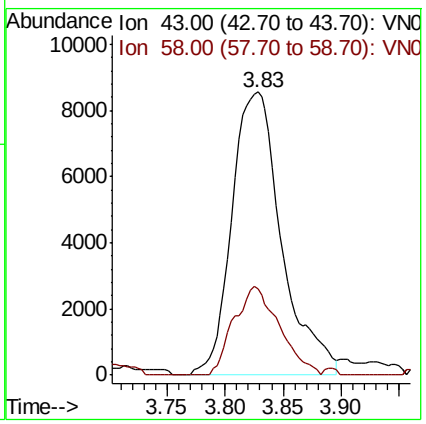


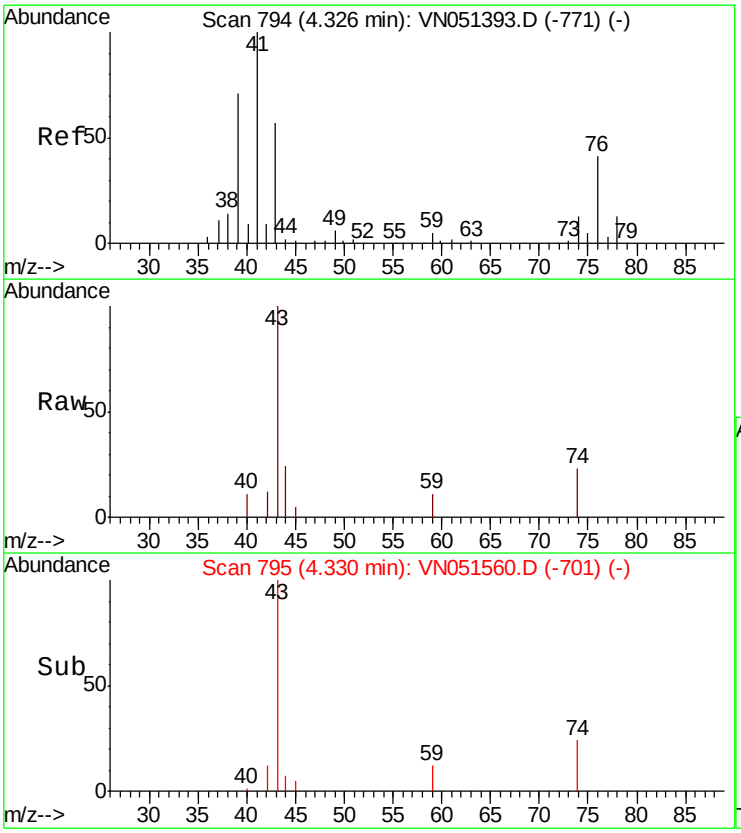
#16
Acetone
Concen: Below Cal
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 43 Resp: 25525

Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.0	37.4

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

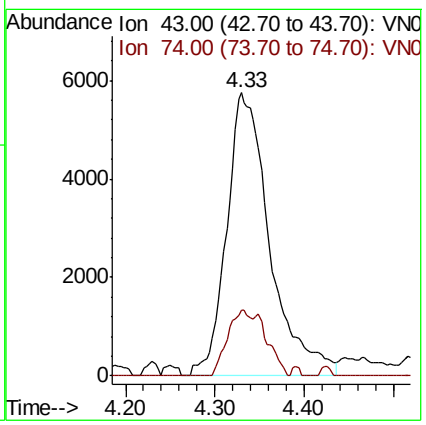


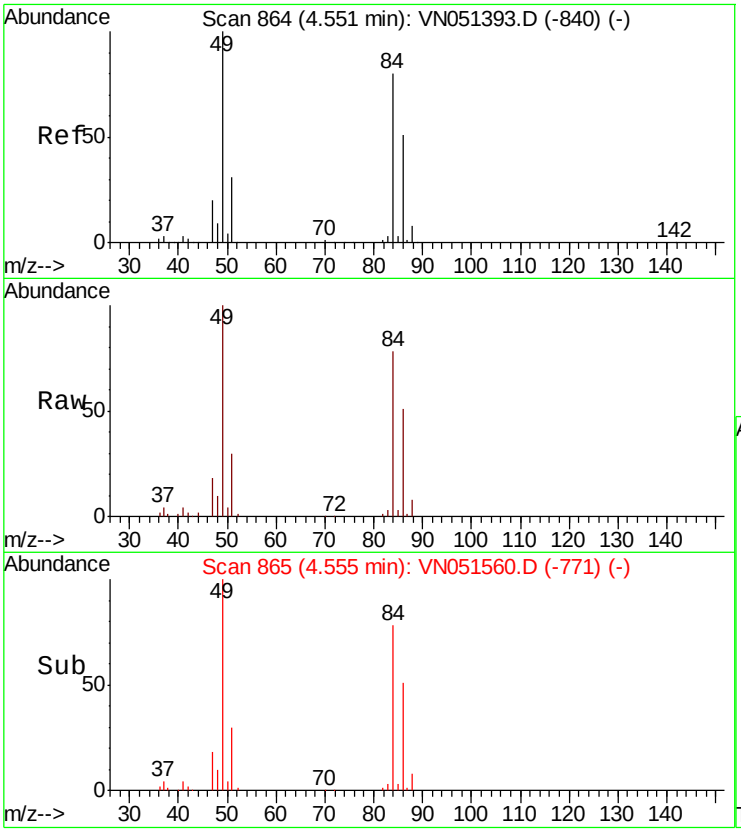


#18
Methyl Acetate
Concen: 3.271 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 43 Resp: 19323

Ion	Ratio	Lower	Upper
43	100		
74	13.0	18.8	28.2#



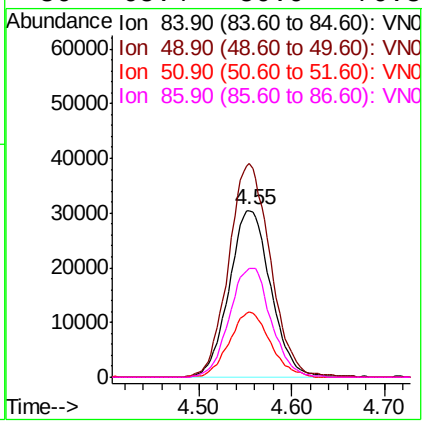


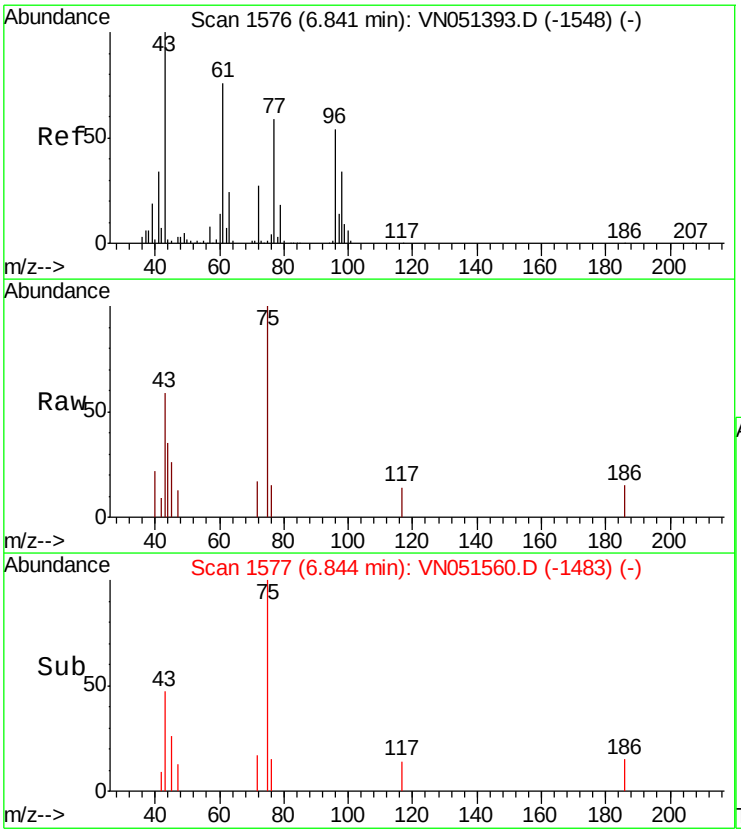
#20
Methylene Chloride
Concen: 12.343 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Tgt Ion: 84 Resp: 94730

Ion	Ratio	Lower	Upper
84	100		
49	127.6	99.9	149.9
51	39.1	31.4	47.2
86	65.4	50.9	76.3

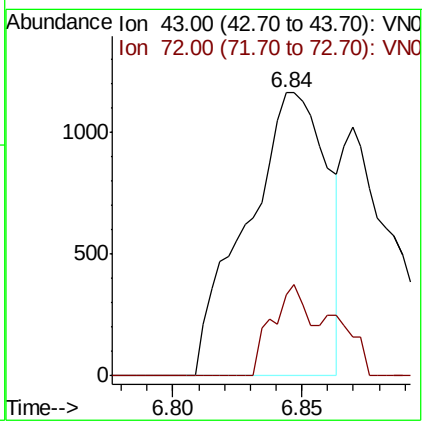


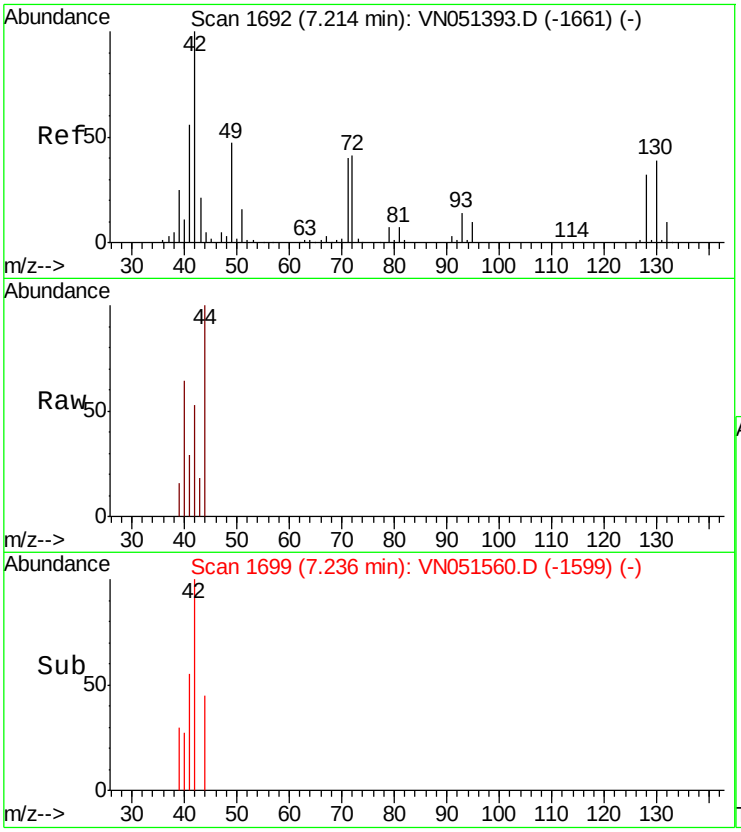


#25
2-Butanone
Concen: 0.952 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 43 Resp: 2528

Ion	Ratio	Lower	Upper
43	100		
72	28.8	21.8	32.6



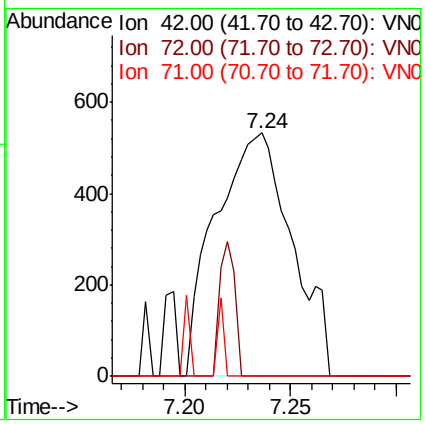


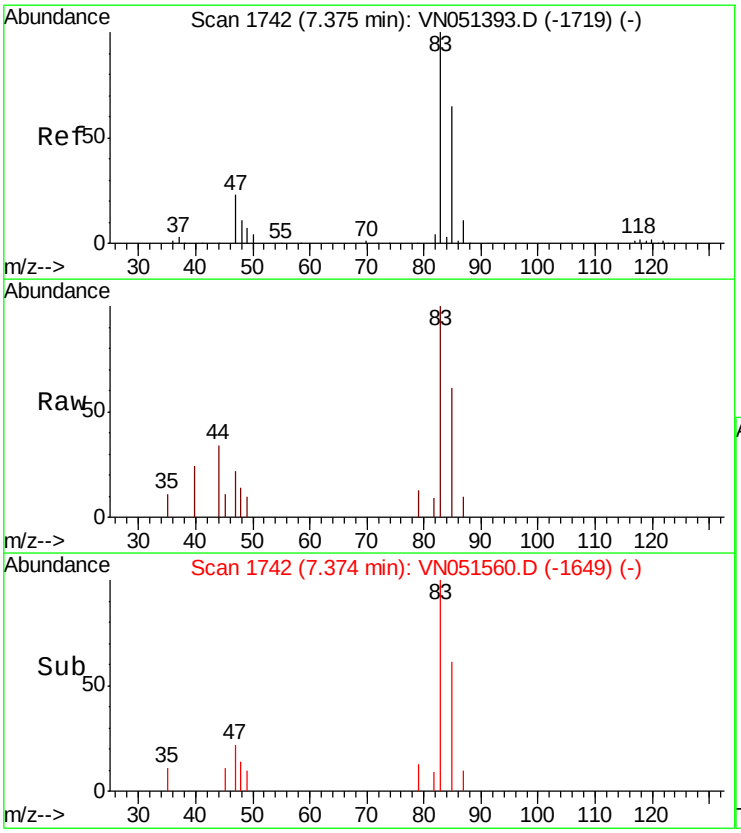
#29
Tetrahydrofuran
Concen: 0.798 ug/l
RT: 7.24 min Scan# 1699
Delta R.T. 0.02 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion: 42 Resp: 1343

Ion	Ratio	Lower	Upper
42	100		
72	11.0	34.3	51.5#
71	2.5	32.2	48.4#

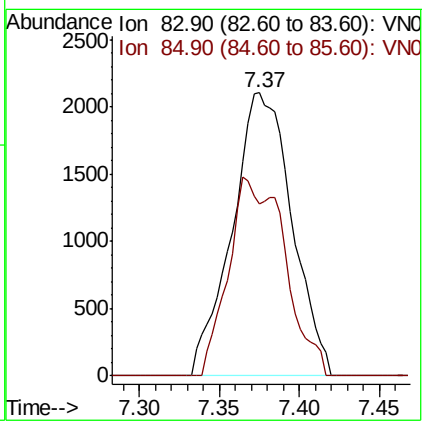


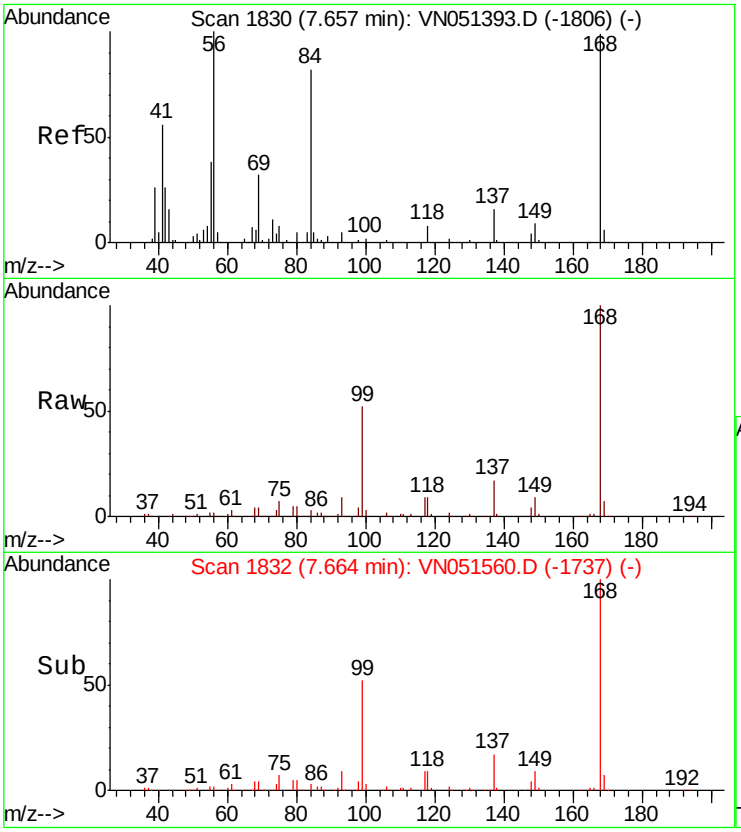


#30
Chloroform
Concen: 0.410 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 83 Resp: 5409

Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.8	77.6



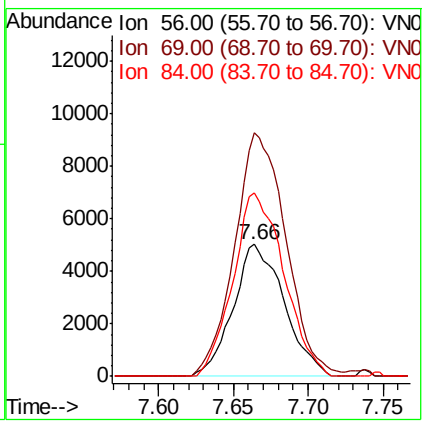


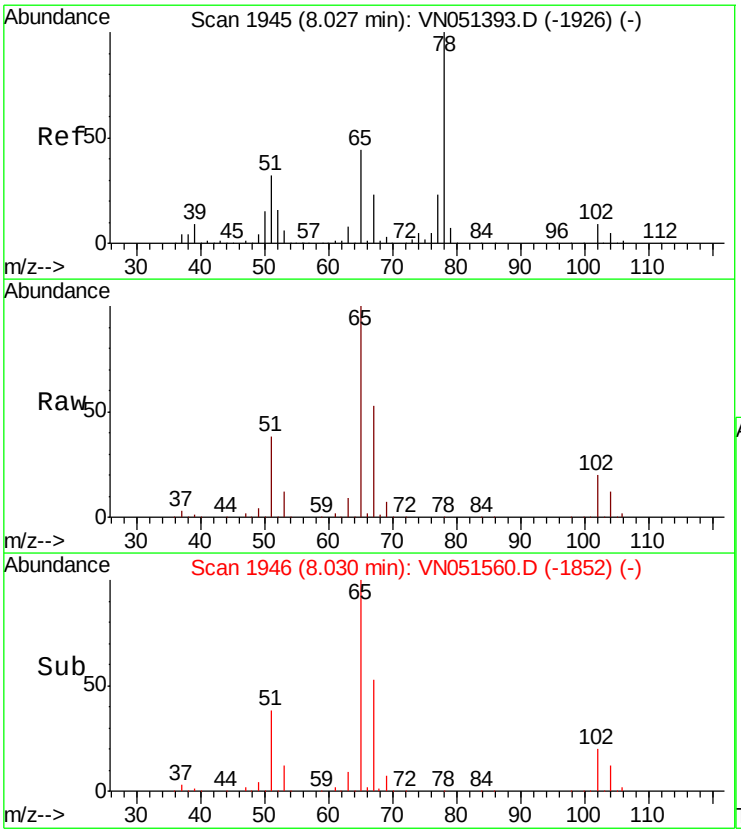
#31
Cyclohexane
Concen: 0.975 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion: 56 Resp: 11910

Ion	Ratio	Lower	Upper
56	100		
69	184.8	25.8	38.6#
84	139.5	66.0	99.0#

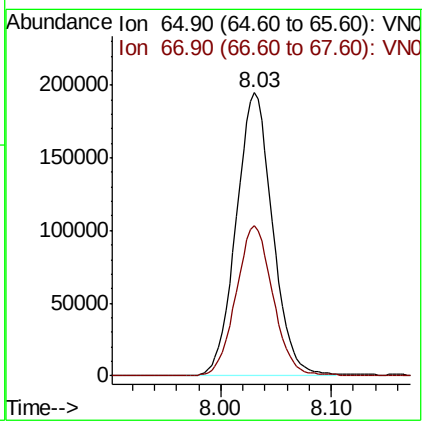


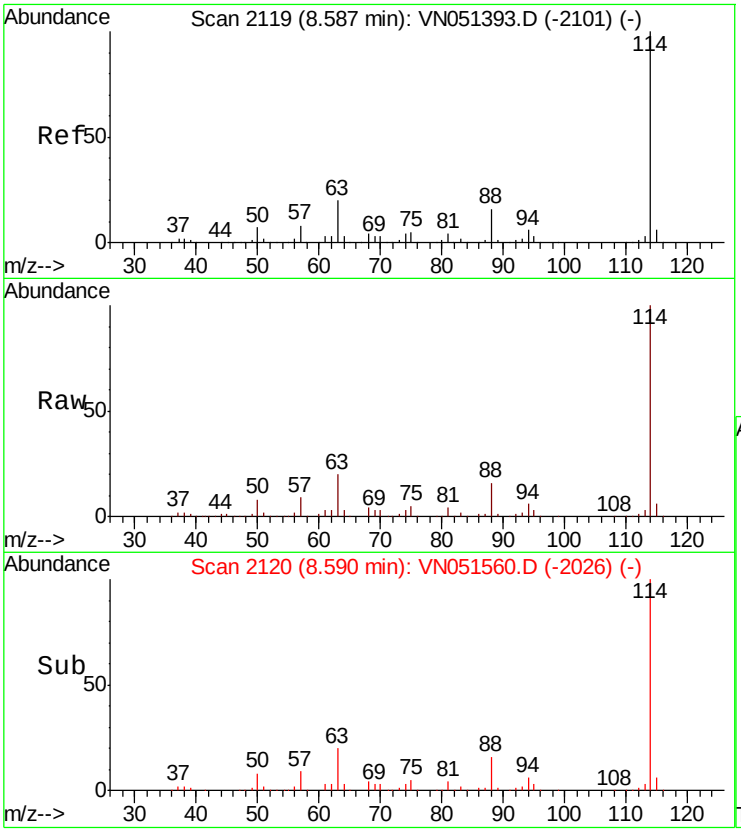


#33
1,2-Dichloroethane-d4
Concen: 57.392 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 65 Resp: 445110

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.8



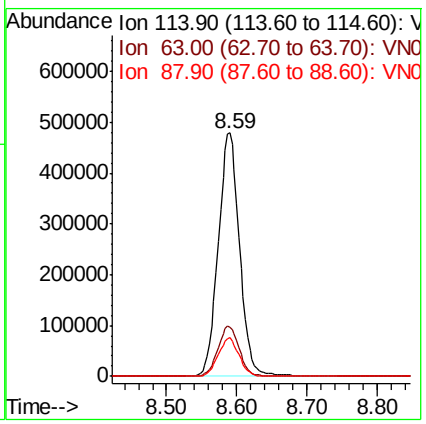


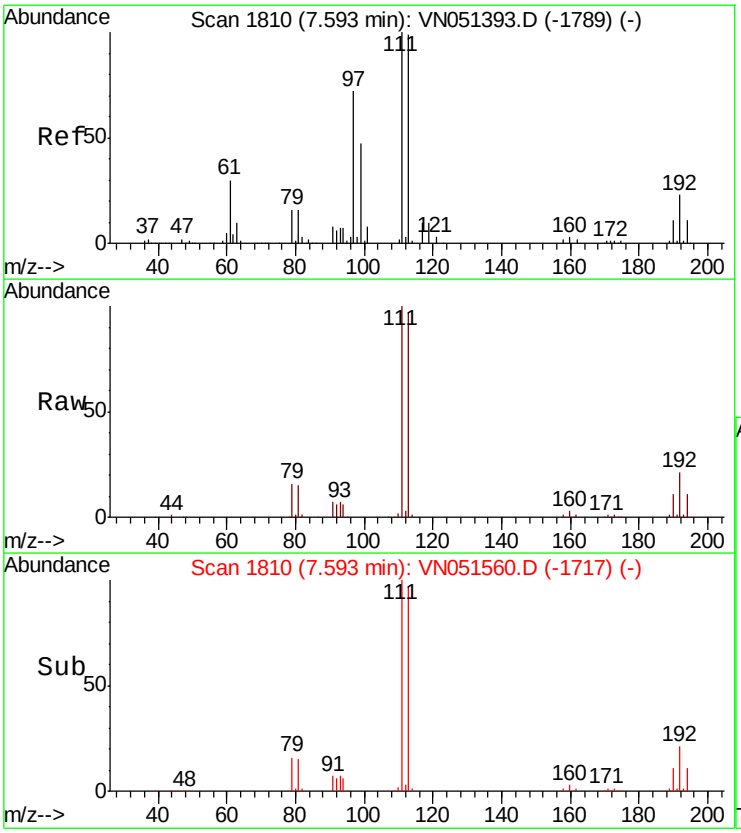
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion:114 Resp: 1010425

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	15.7	0.0	31.4

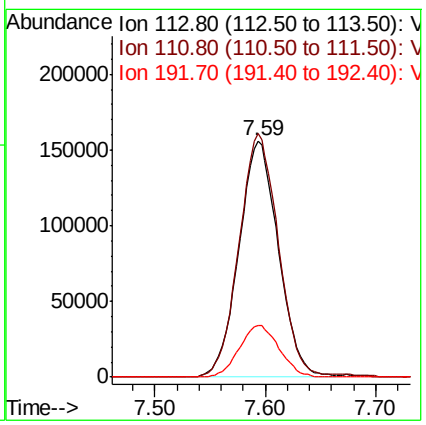


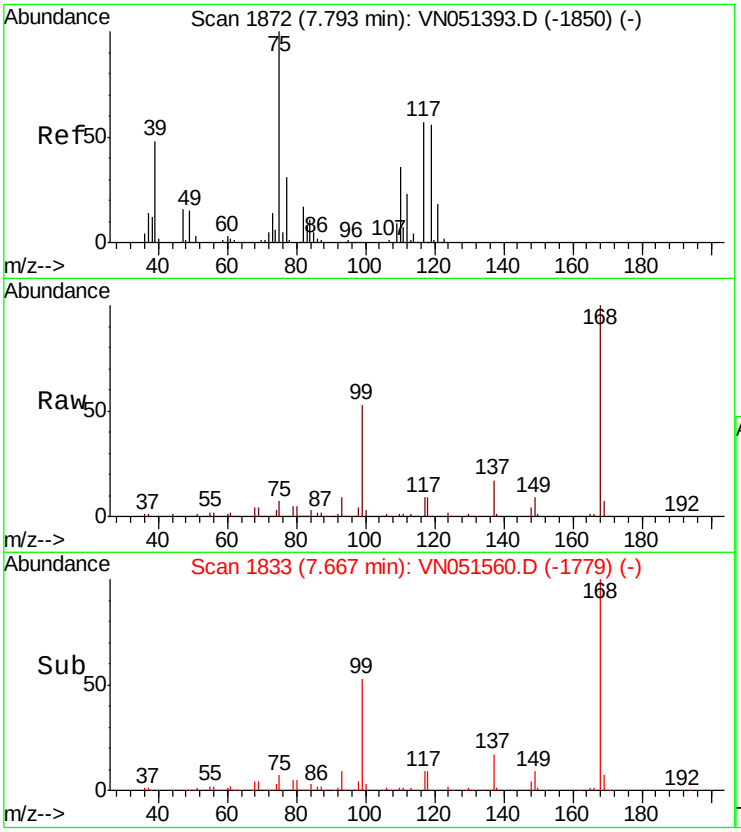


#35
Dibromofluoromethane
Concen: 47.681 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion:113 Resp: 385261

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	22.3	18.0	27.0



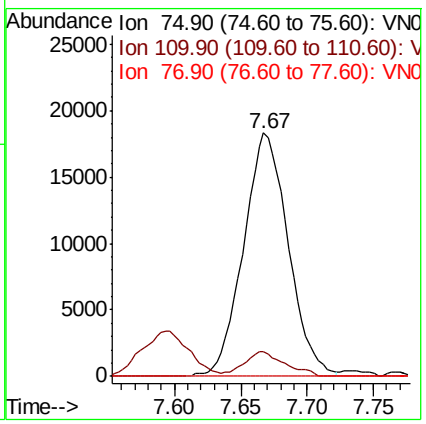


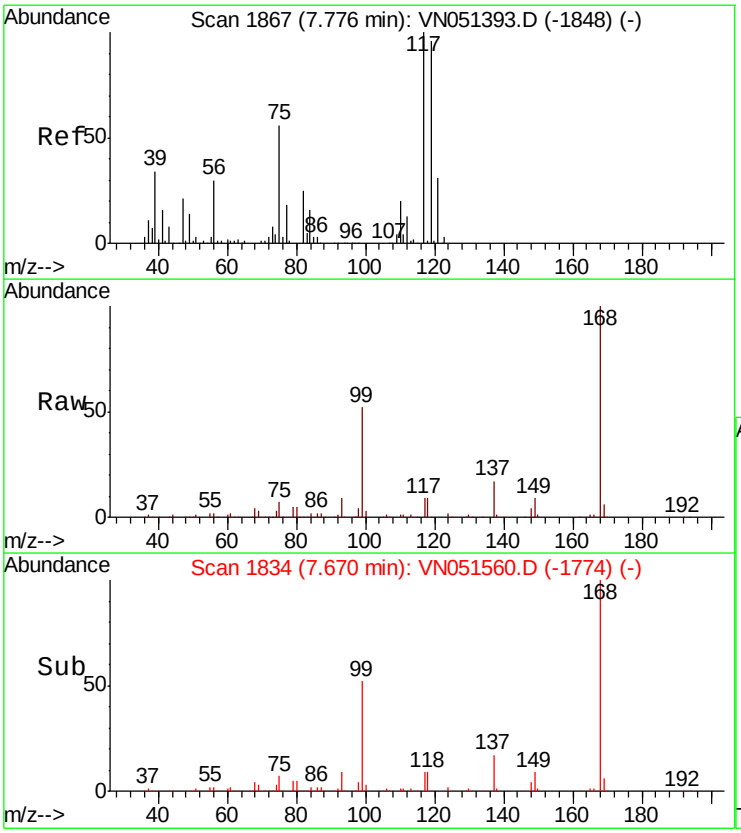
#36
1,1-Dichloropropene
Concen: 3.674 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion: 75 Resp: 42987

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.3#
77	0.0	25.6	38.4#

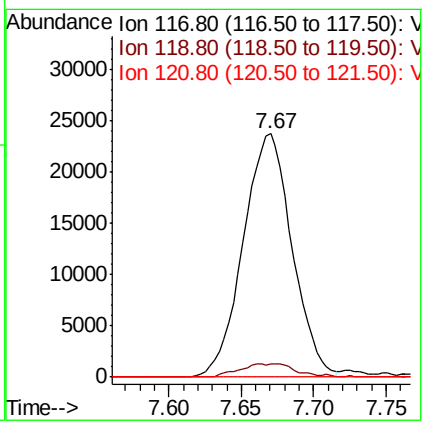


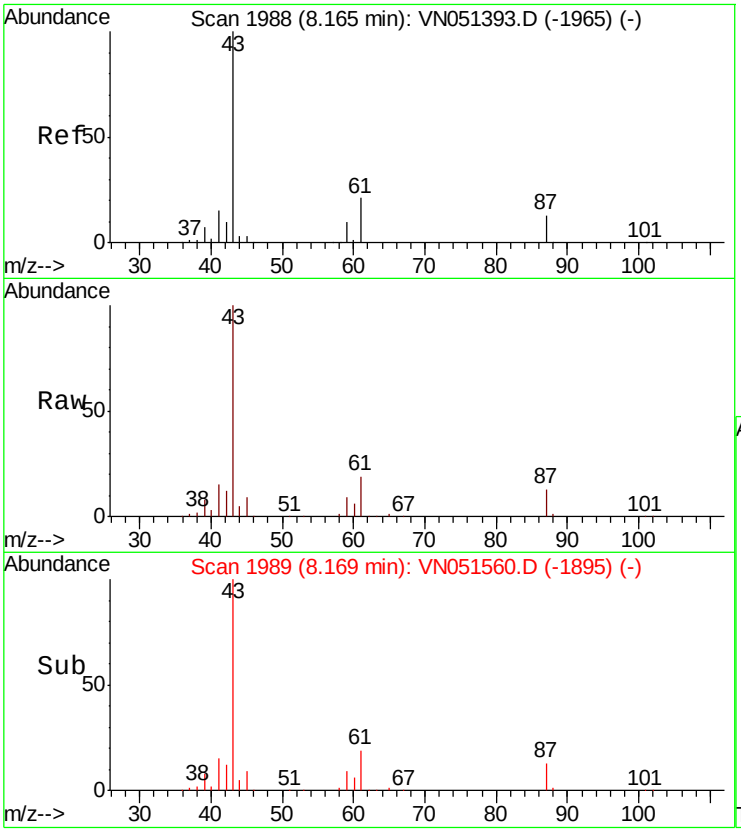


#38
Carbon Tetrachloride
Concen: 4.541 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion:117 Resp: 55574

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.9	115.3#
121	0.0	24.6	37.0#



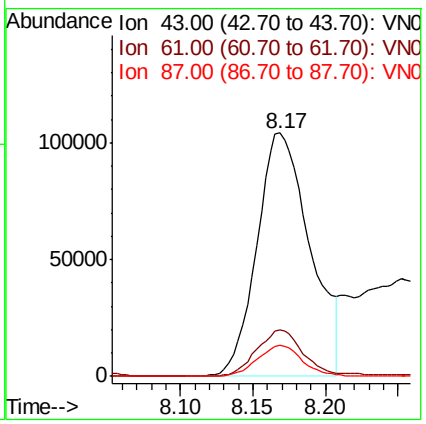


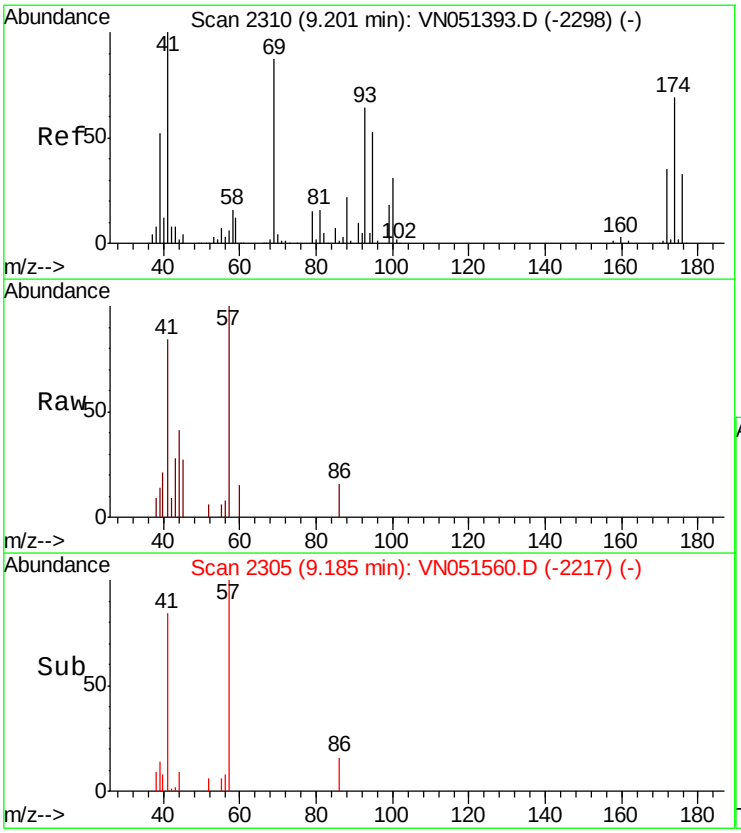
#43
Isopropyl Acetate
Concen: 21.901 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Tgt Ion: 43 Resp: 266426

Ion	Ratio	Lower	Upper
43	100		
61	16.5	16.8	25.2#
87	10.8	10.7	16.1

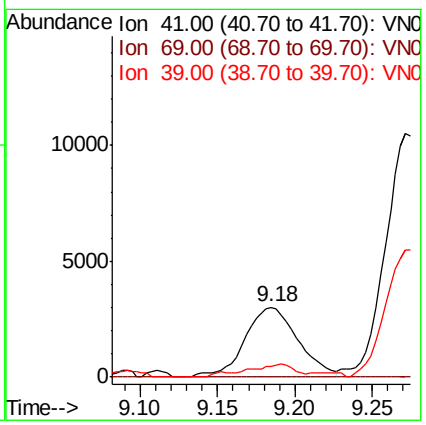


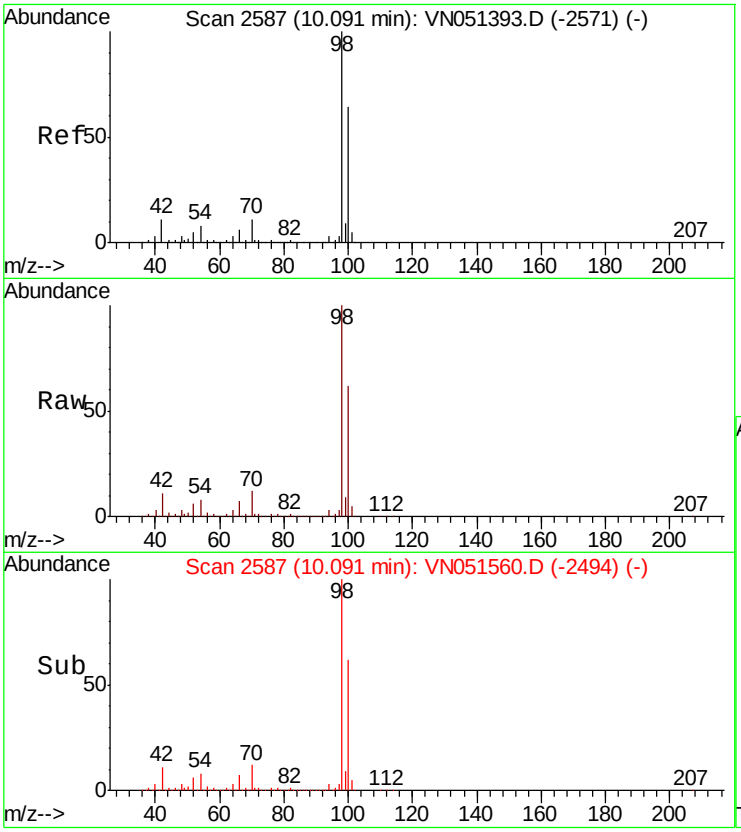


#48
Methyl methacrylate
Concen: 1.185 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 41 Resp: 7186

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.4	105.6#
39	14.0	43.8	65.8#



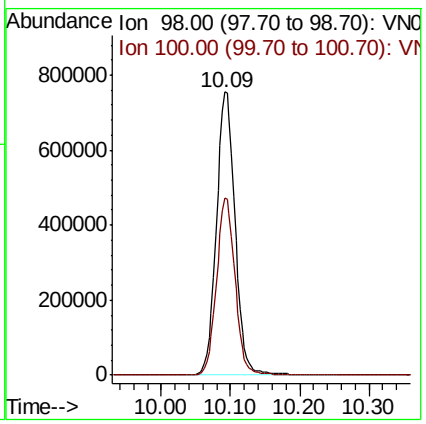


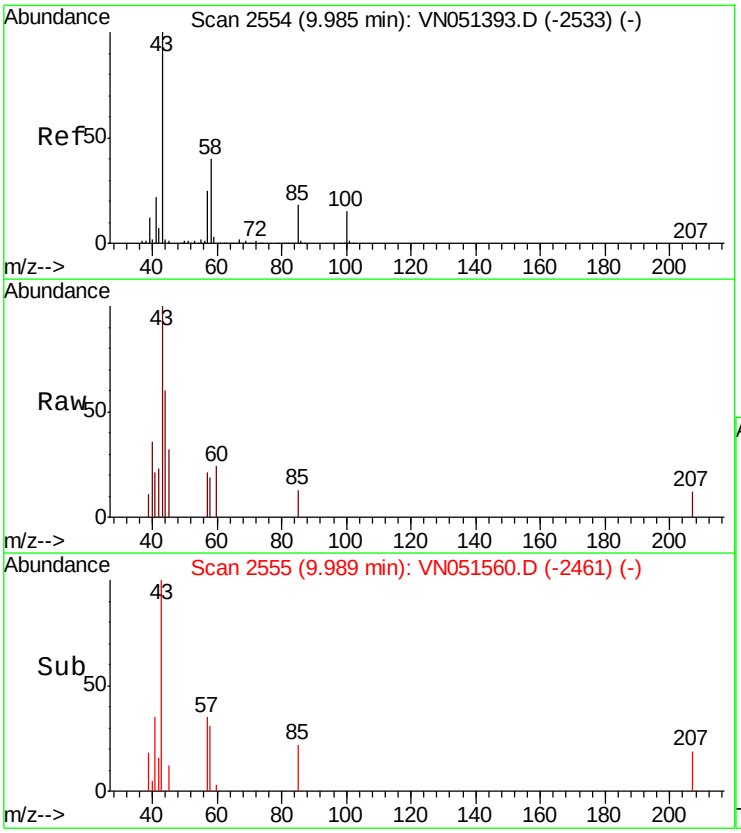
#50
Toluene-d8
Concen: 46.321 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Tgt Ion: 98 Resp: 1409353

Ion	Ratio	Lower	Upper
98	100		
100	61.9	50.6	75.8

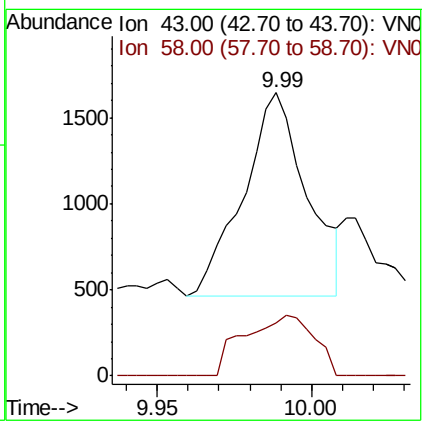


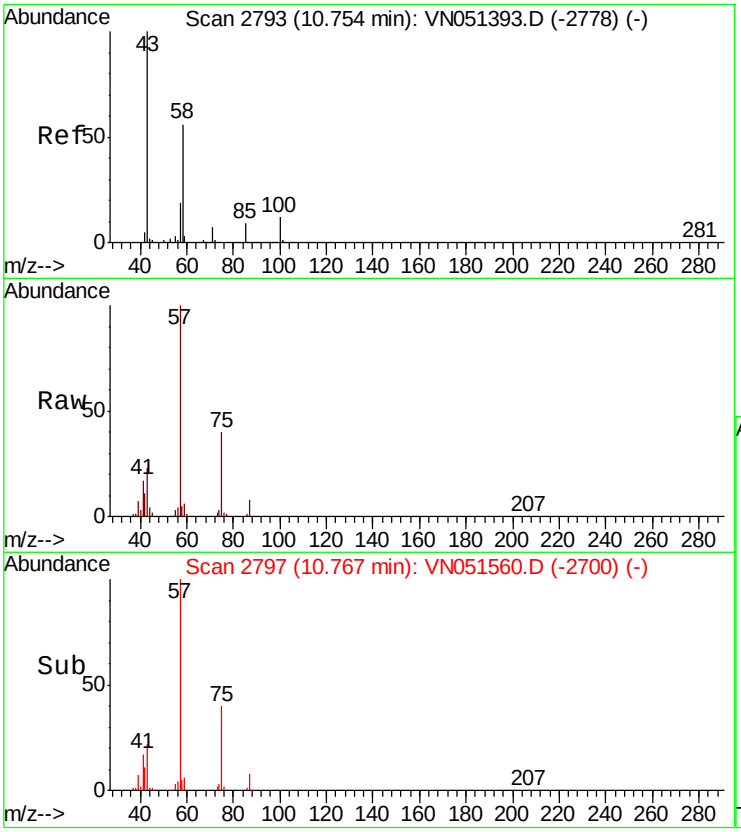


#51
4-Methyl-2-Pentanone
Concen: 0.252 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 43 Resp: 1685

Ion	Ratio	Lower	Upper
43	100		
58	32.8	31.5	47.3



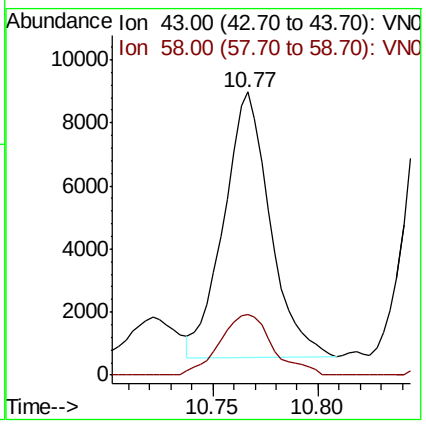


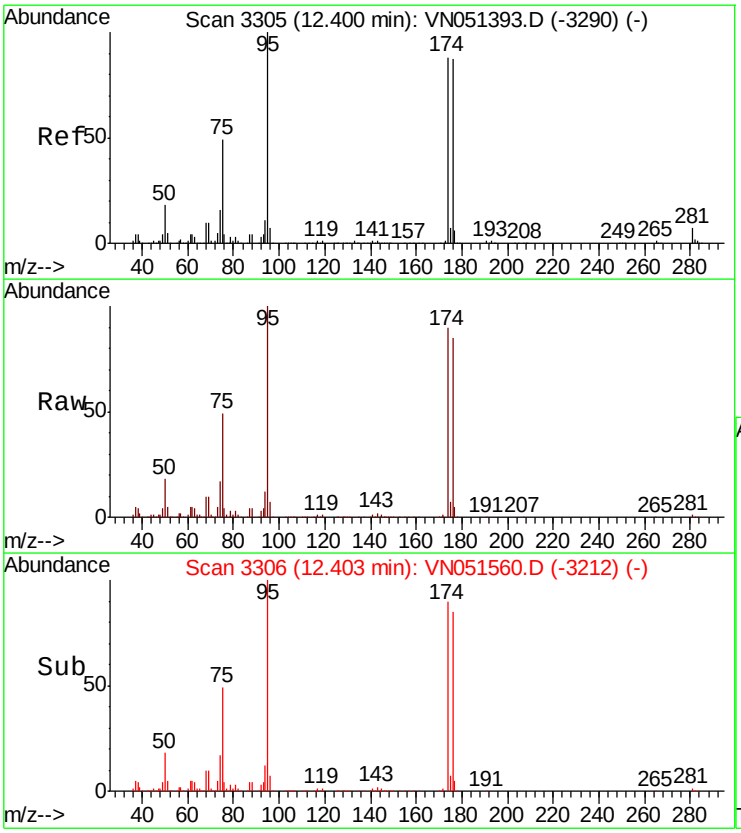
#59
2-Hexanone
Concen: 2.944 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Tgt Ion: 43 Resp: 12769

Ion	Ratio	Lower	Upper
43	100		
58	26.4	27.7	83.0#

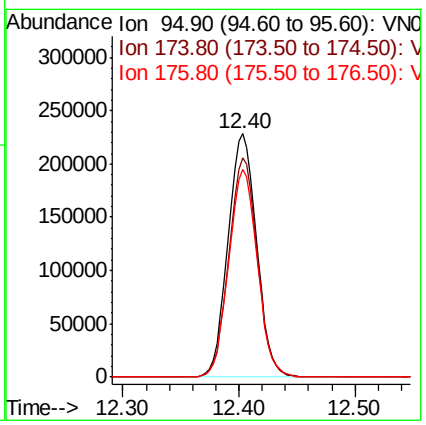


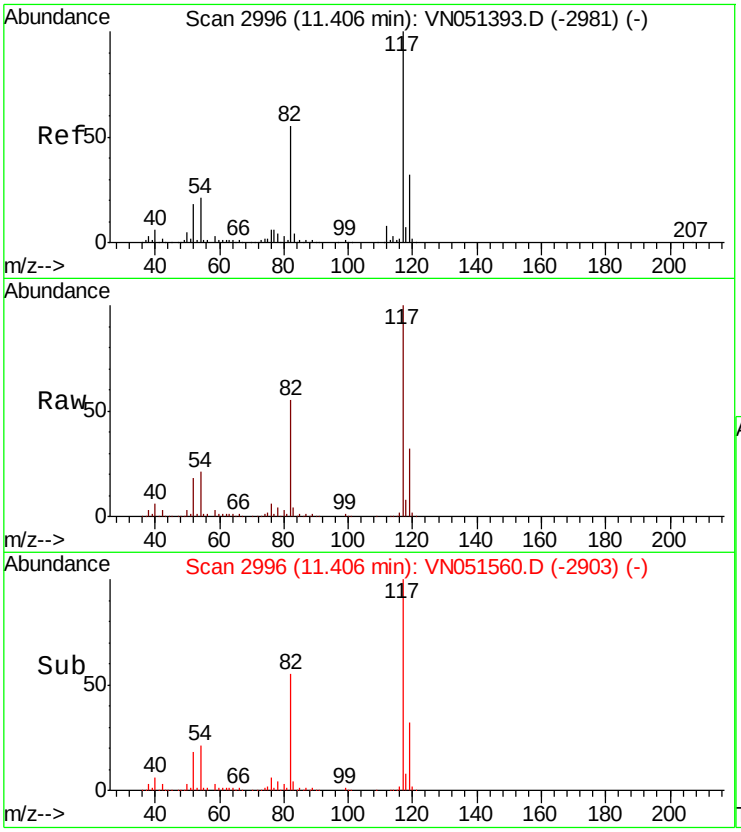


#62
4-Bromofluorobenzene
Concen: 39.267 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 95 Resp: 386498

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	181.6
176	85.6	0.0	176.4



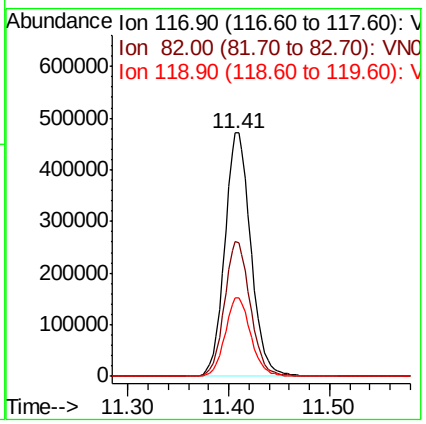


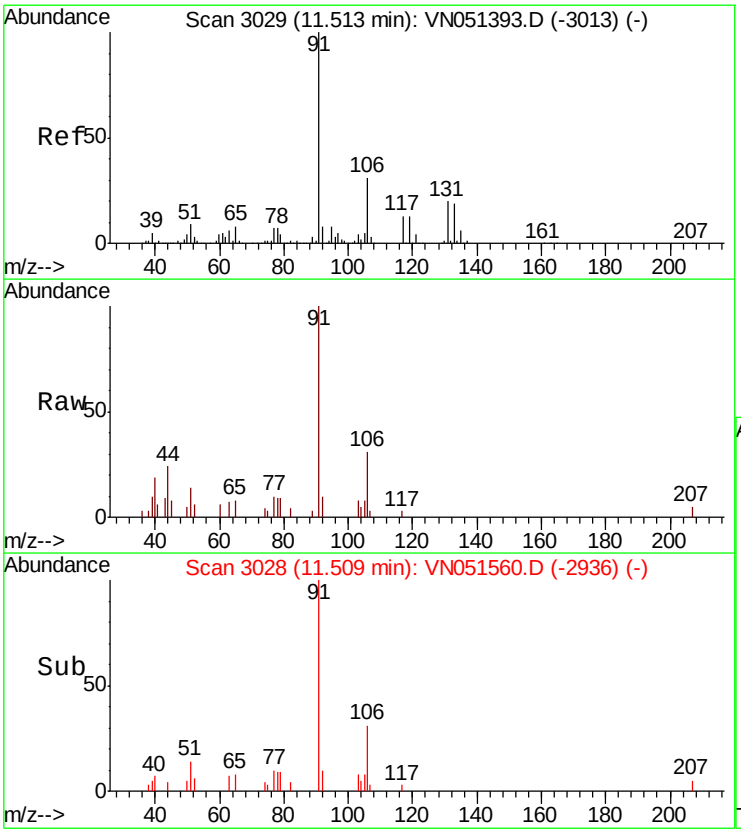
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Tgt Ion:117 Resp: 848171

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	32.2	25.9	38.9

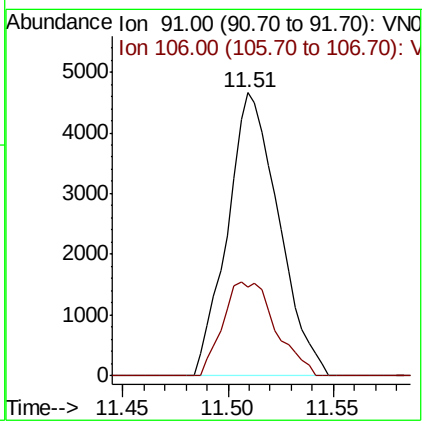


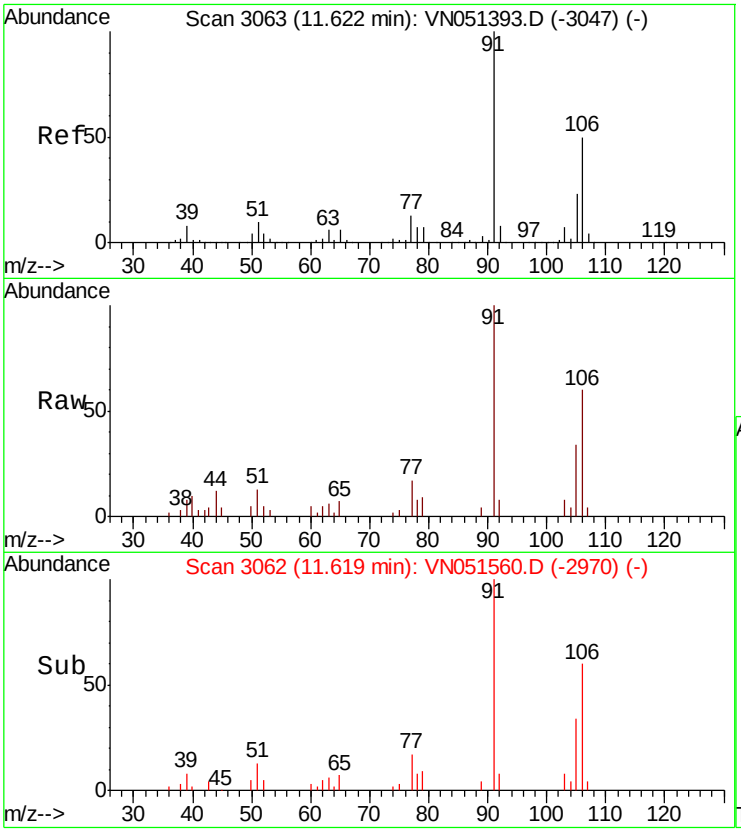


#67
Ethyl Benzene
Concen: 0.215 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 91 Resp: 7869

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.0	37.4



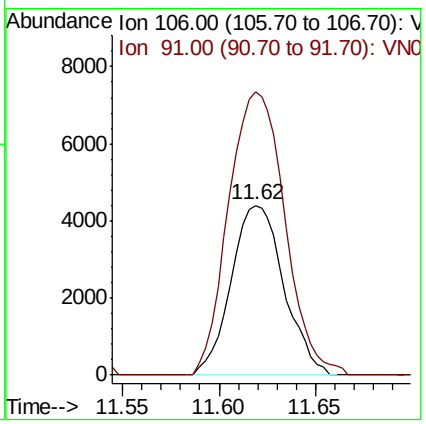


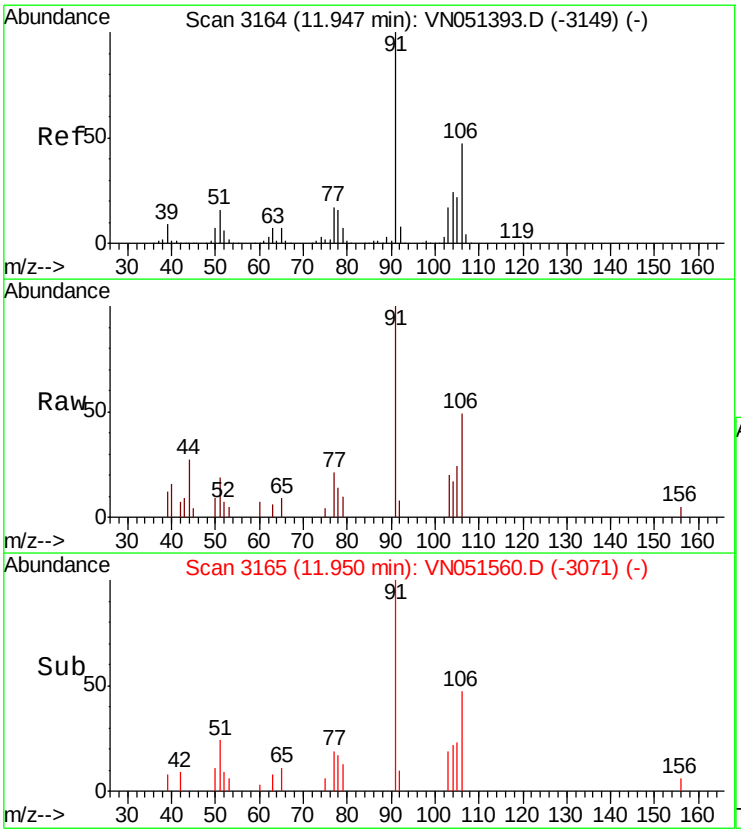
#68
m/p-Xylenes
Concen: 0.586 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion:106 Resp: 8307

Ion	Ratio	Lower	Upper
106	100		
91	179.0	161.3	241.9

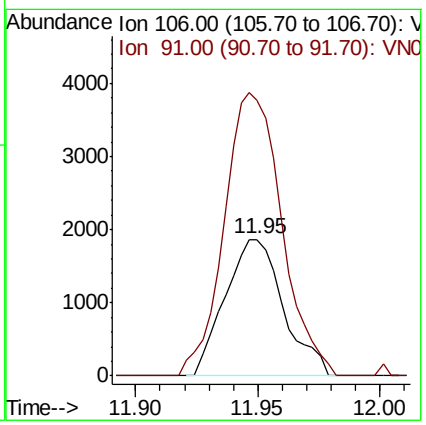


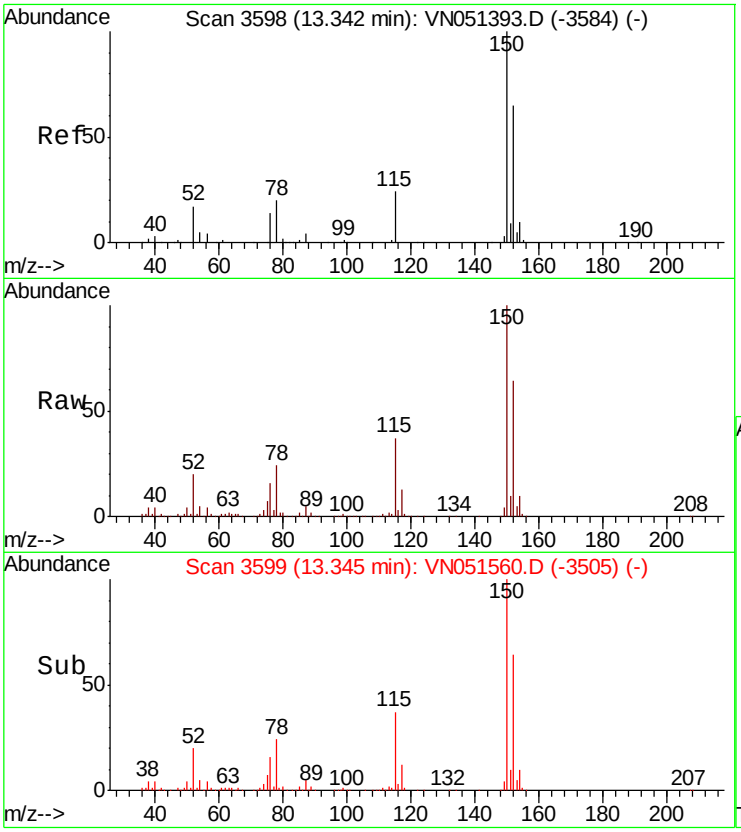


#69
o-Xylene
Concen: 0.227 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion:106 Resp: 3090

Ion	Ratio	Lower	Upper
106	100		
91	205.1	105.3	315.9



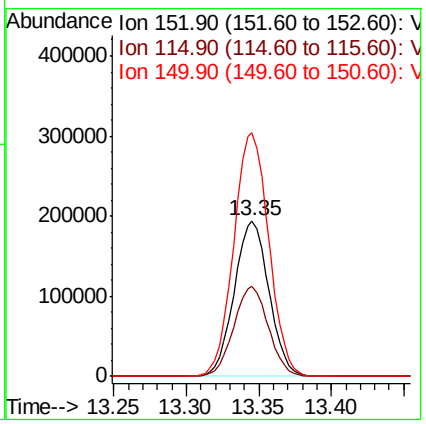


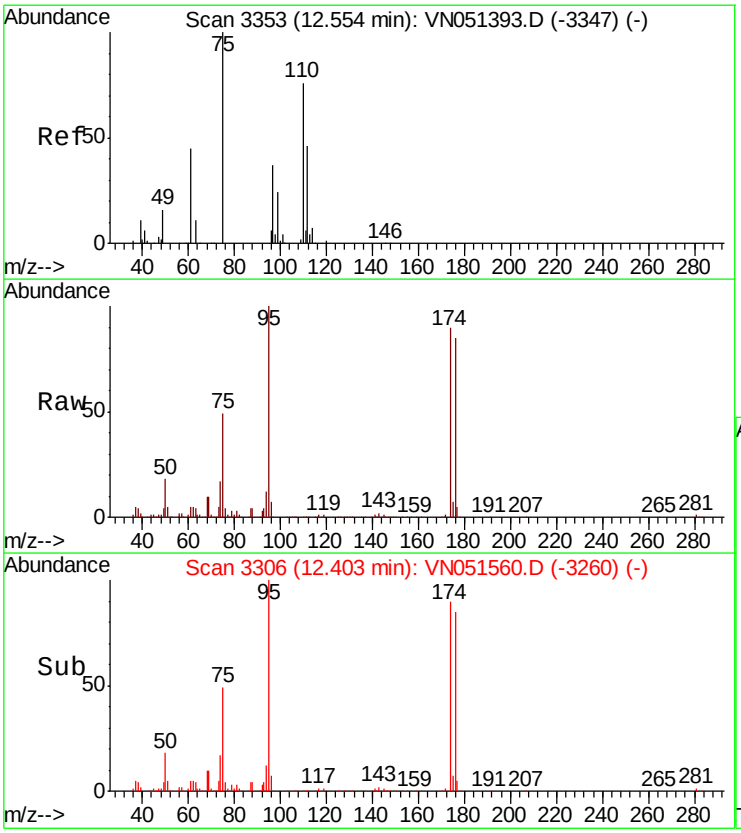
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument : MSVOA_N
ClientSampleId : OR-01-092418-A

Tgt Ion:152 Resp: 321974

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.3	84.9
150	158.5	0.0	353.6

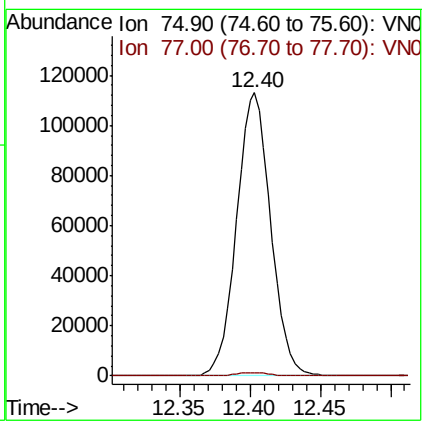


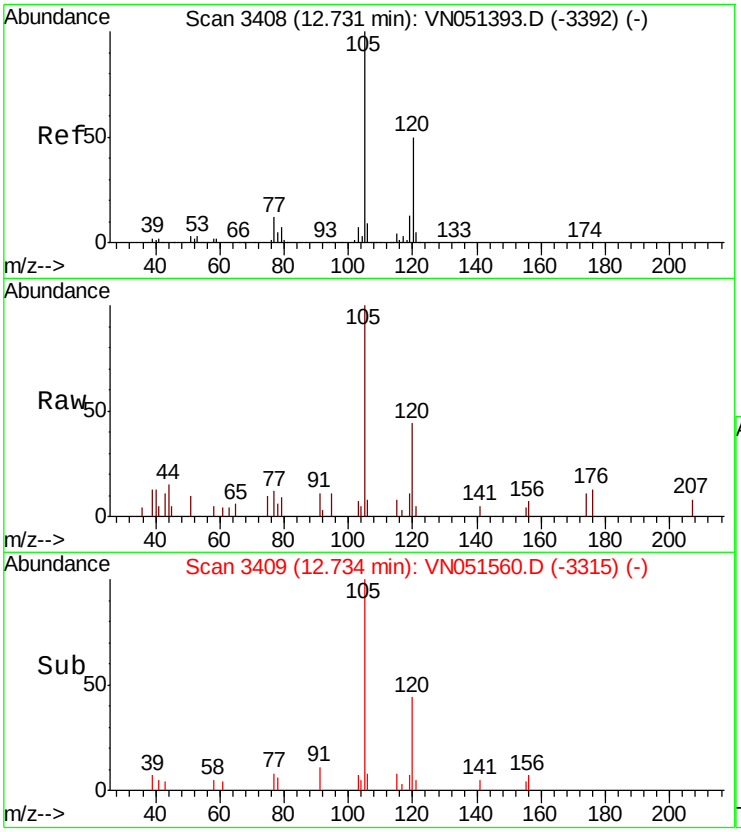


#76
1,2,3-Trichloropropane
Concen: 35.781 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 75 Resp: 191251

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



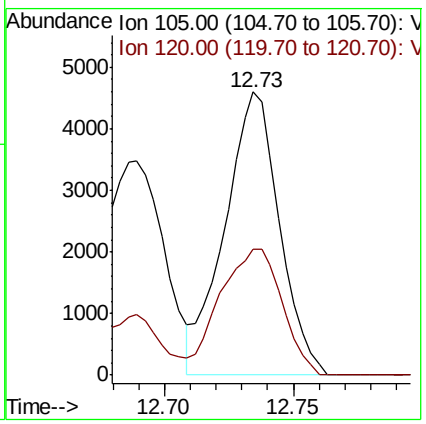


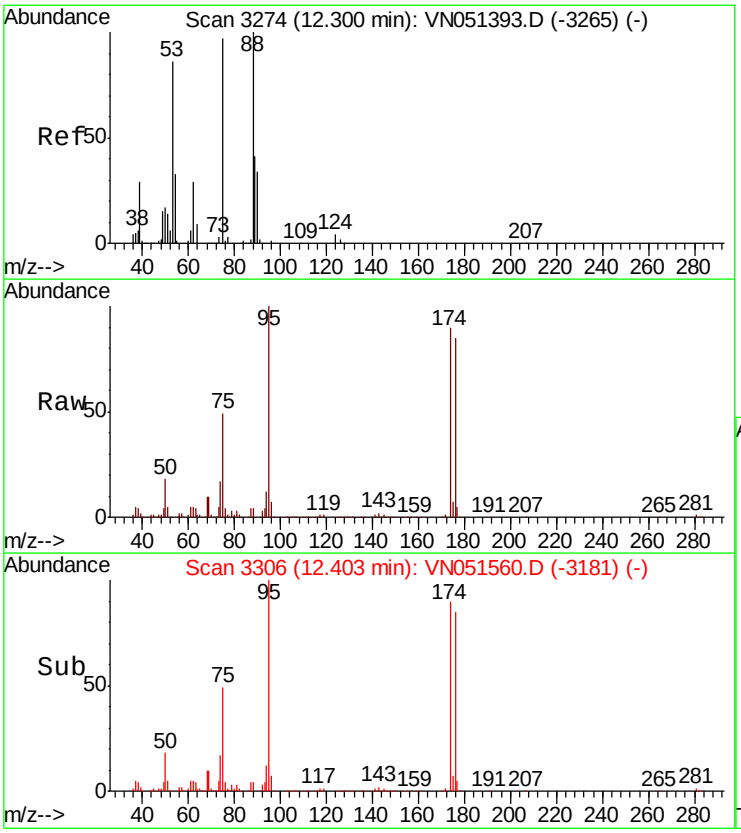
#80
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion:105 Resp: 6766

Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.8	74.4

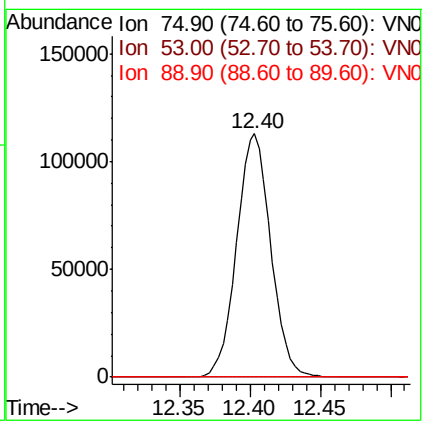


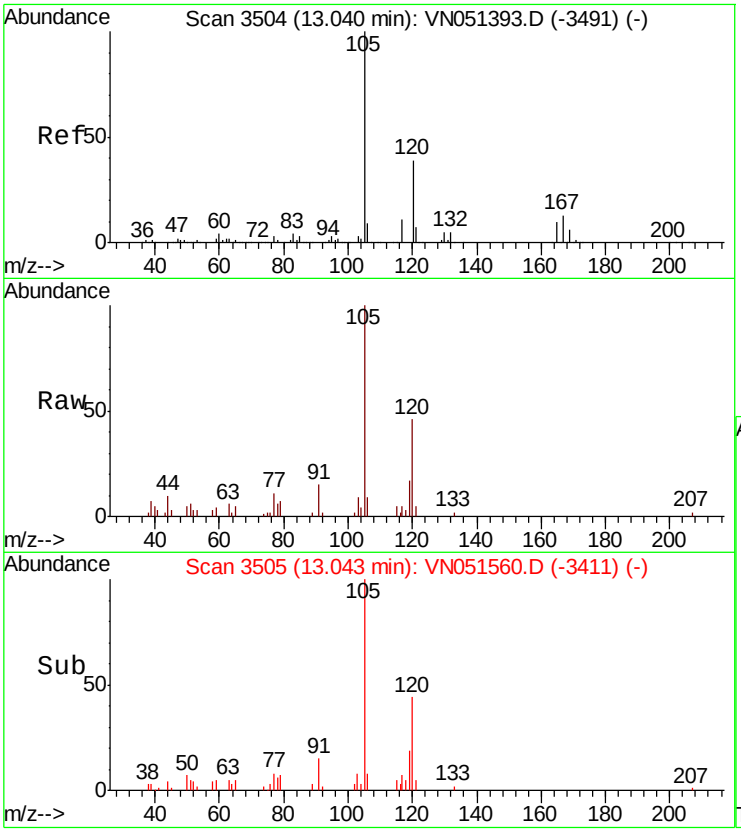


#81
trans-1,4-Dichloro-2-butene
Concen: 110.026 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion: 75 Resp: 191251

Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.9	110.9#
89	0.0	36.7	55.1#



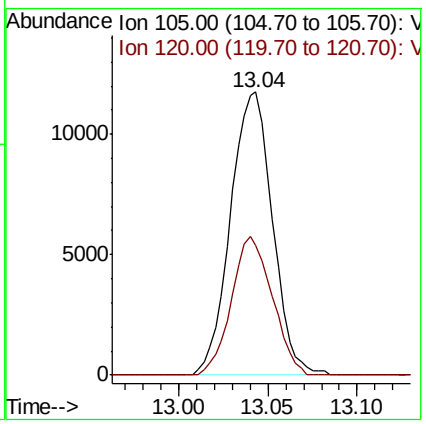


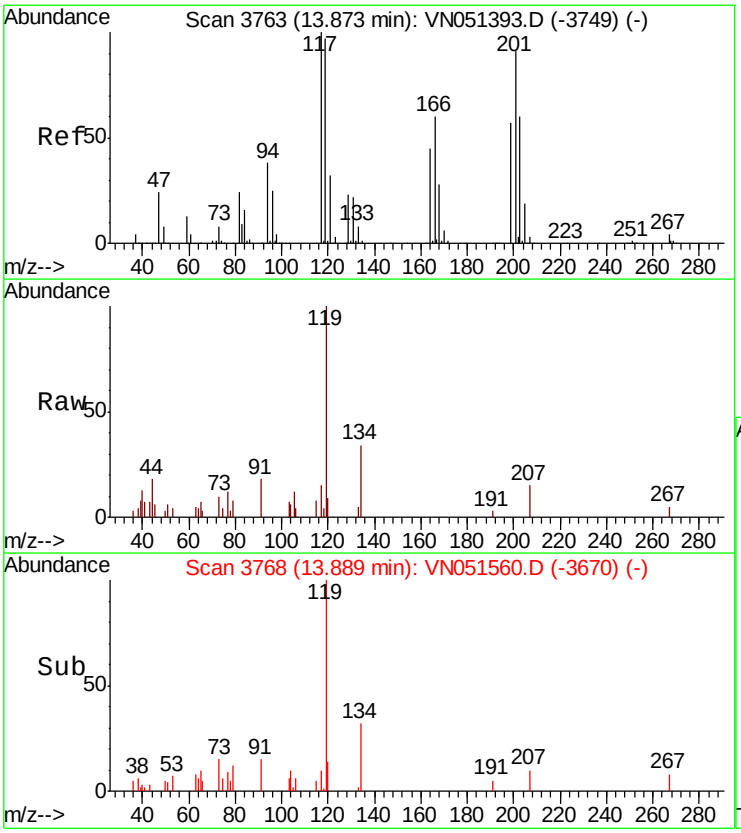
#84
1,2,4-Trimethylbenzene
Concen: 0.864 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

Tgt Ion:105 Resp: 19295

Ion	Ratio	Lower	Upper
105	100		
120	47.5	22.9	68.7

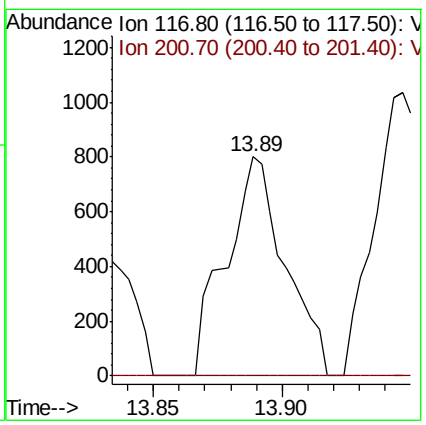


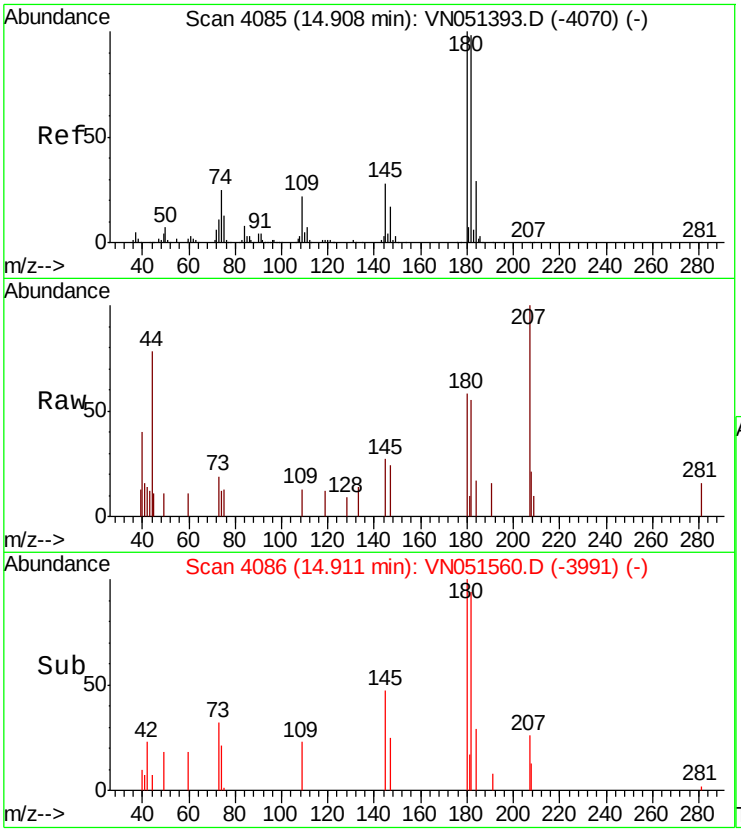


#90
Hexachloroethane
Concen: 0.279 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion:117 Resp: 1281

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.5	136.4#



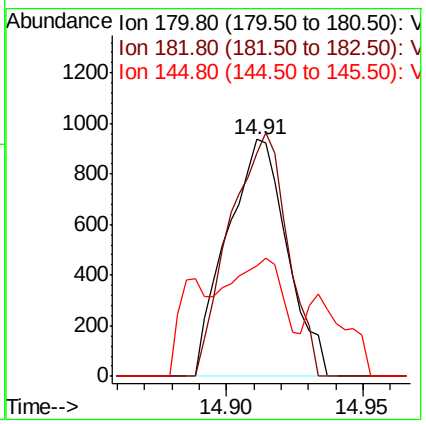


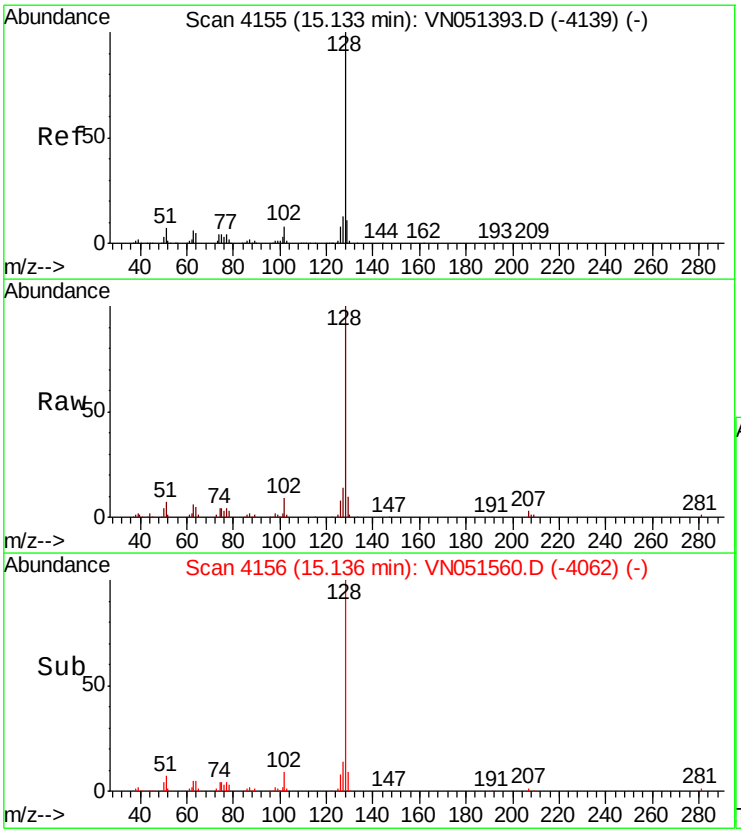
#93
1,2,4-Trichlorobenzene
Concen: 6.184 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Instrument :
MSVOA_N
ClientSampleId :
OR-01-092418-A

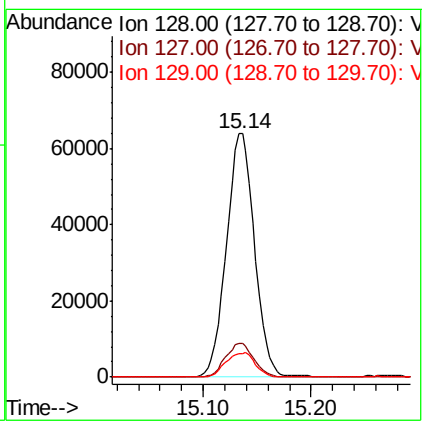
Tgt Ion:180 Resp: 1432

Ion	Ratio	Lower	Upper
180	100		
182	98.8	48.5	145.6
145	0.0	14.1	42.4#





#95
Naphthalene
Concen: 16.197 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051560.D
Acq: 27 Sep 2018 1:44

Tgt Ion:128 Resp: 116312

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.5	15.7
129	10.5	8.6	12.8