Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010319\
Data File : VN053268.D
Acq On : 3 Jan 2019 17:51
Operator : MD\SY
Sample : PB116111ZHE#13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB116111ZHE#13

Quant Time: Jan 04 00:56:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1094670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1713114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1592790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	558728	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
35) Dibromofluoromethane	7.59	113	473233	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 120.94%			
50) Toluene-d8	10.09	98	2121232	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.98%			
62) 4-Bromofluorobenzene	12.40	95	726328	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.50%			
Target Compounds						Qvalue
16) Acetone	3.82	43	30596	14.047	ug/l	93
18) Methyl Acetate	4.33	43	8015	1.787	ug/l	92
20) Methylene Chloride	4.55	84	21781	1.833	ug/l	94
25) 2-Butanone	6.83	43	2068	0.566	ug/l	99
29) Tetrahydrofuran	7.22	42	2605	0.954	ug/l #	58
31) Cyclohexane	7.66	56	17754	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	71748	4.363	ug/l #	48
38) Carbon Tetrachloride	7.67	117	94694	6.283	ug/l #	16
41) Methacrylonitrile	7.22	41	1251	0.236	ug/l #	36
43) Isopropyl Acetate	8.17	43	48993	1.750	ug/l #	87
45) 1,2-Dichloropropane	9.26	63	3435	0.270	ug/l #	44
48) Methyl methacrylate	9.18	41	14850	1.667	ug/l #	23
49) 1,4-Dioxane	9.26	88	273	2.423	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	7010	0.789	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	123189	6.470	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	24832	1.369	ug/l #	42
59) 2-Hexanone	10.76	43	331576	55.130	ug/l #	51
71) Bromoform	12.40	173	4536	0.511	ug/l #	1
74) N-amyl acetate	11.88	43	40681	2.849	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	337139	30.470	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19283	0.460	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	337139	98.207	ug/l #	12
95) Naphthalene	15.13	128	134	1.152	ug/l #	69

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

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ClientSampleId :
PB116111ZHE#13

Quant Time: Jan 04 00:56:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
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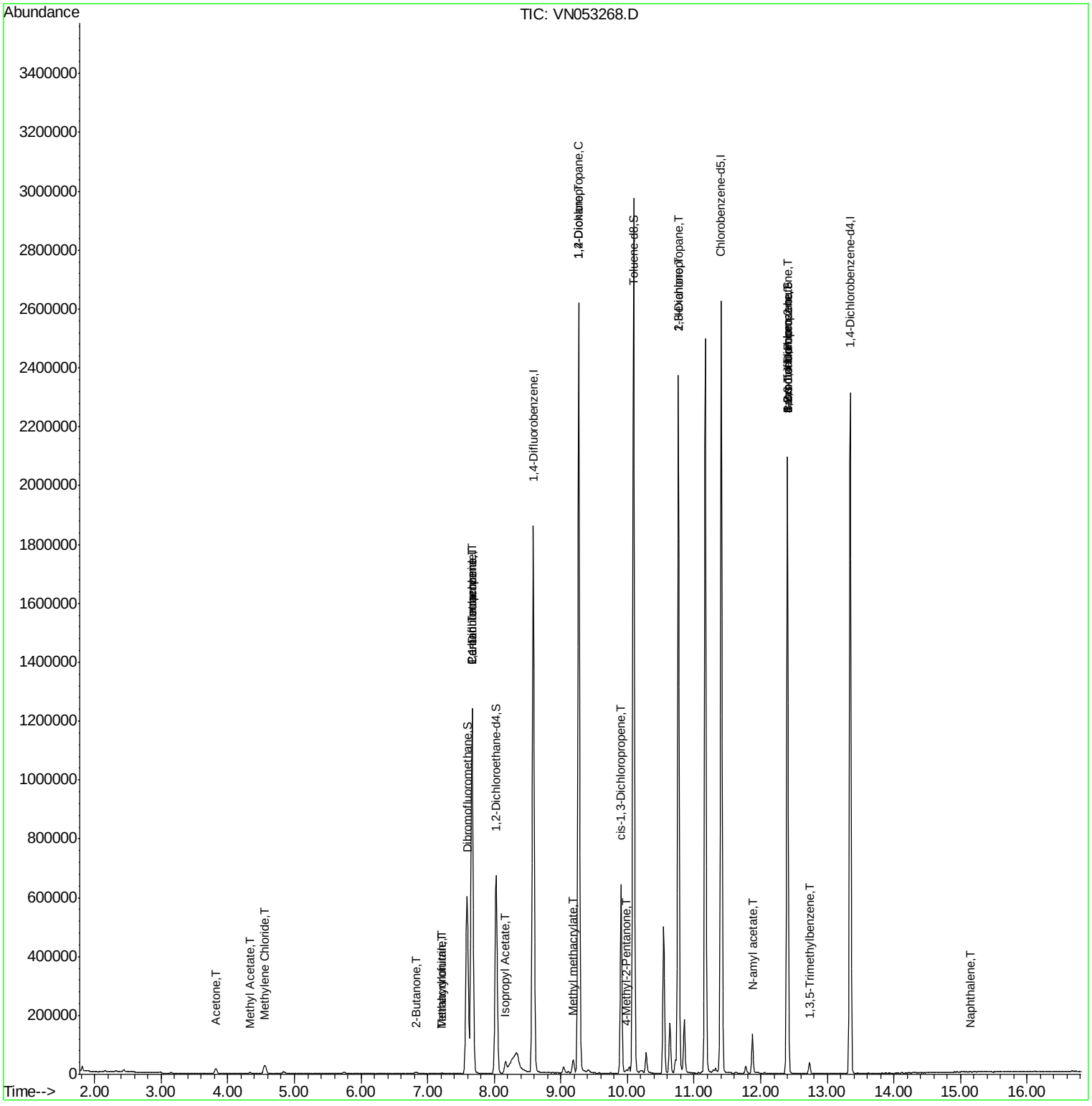
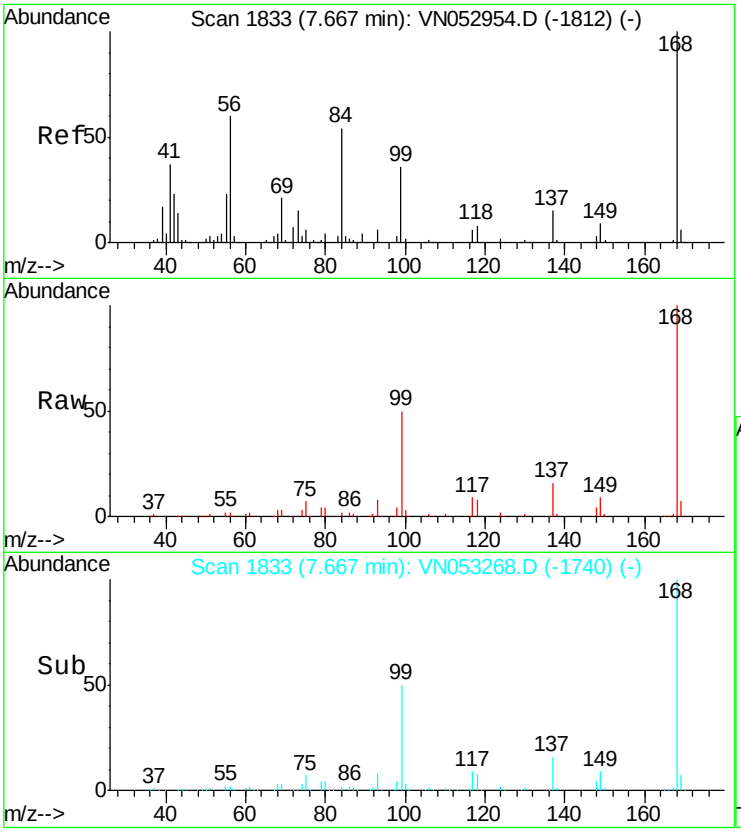


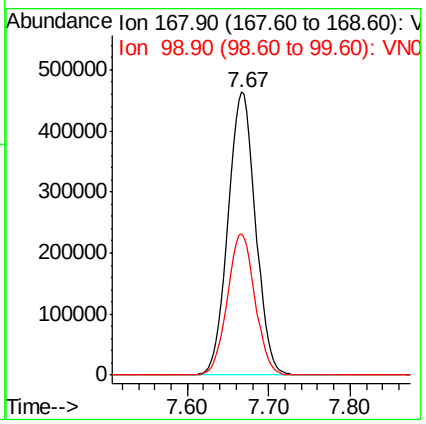


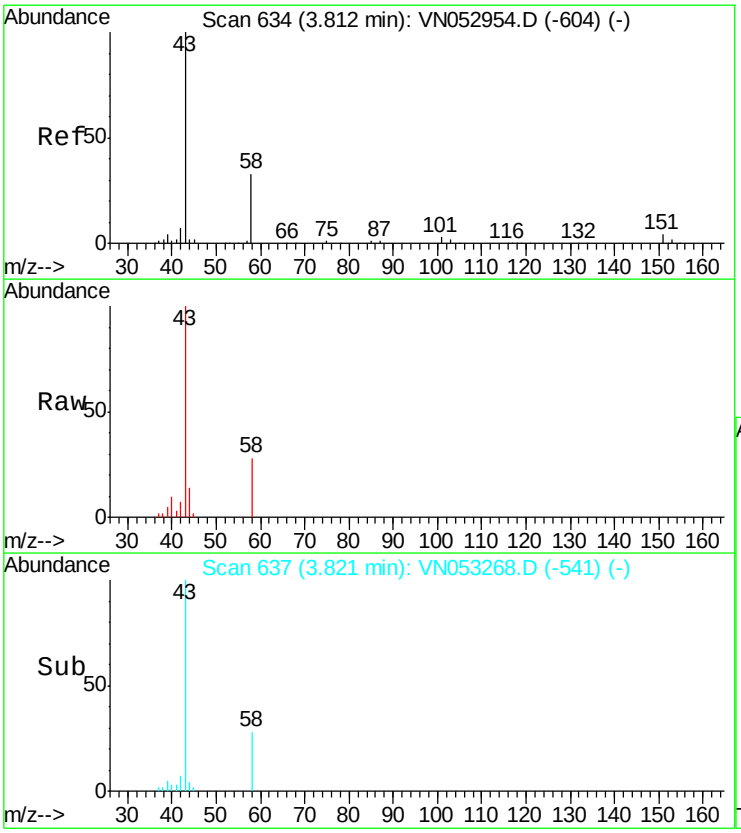
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion:168 Resp: 1094670

Ion	Ratio	Lower	Upper
168	100		
99	49.7	40.2	60.2

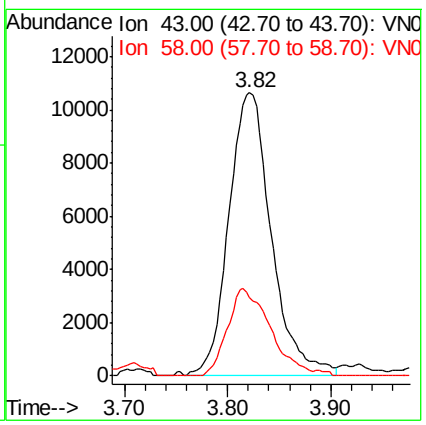


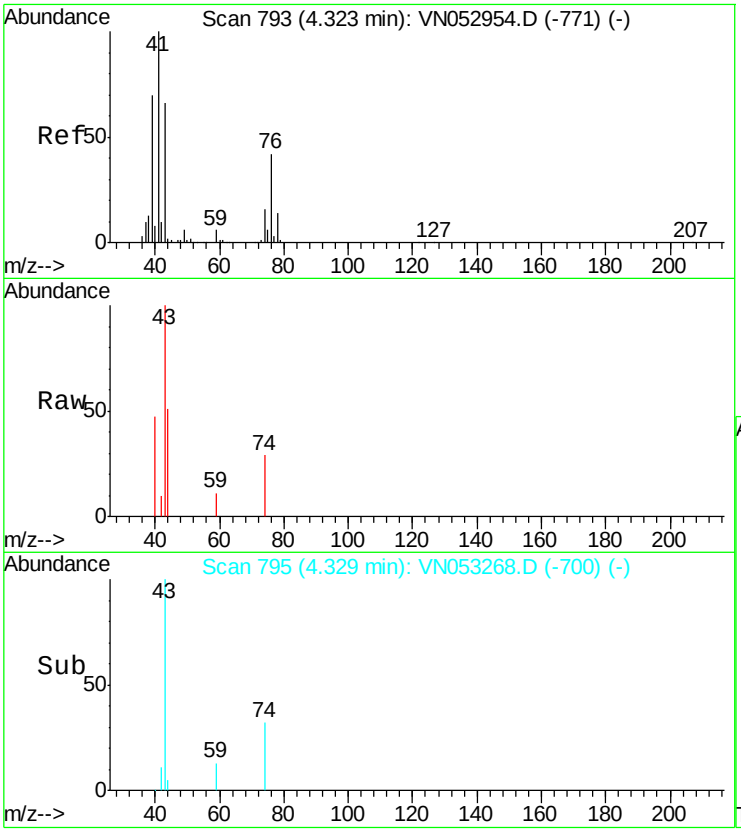


#16
Acetone
Concen: 14.047 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 43 Resp: 30596

Ion	Ratio	Lower	Upper
43	100		
58	27.6	25.4	38.0



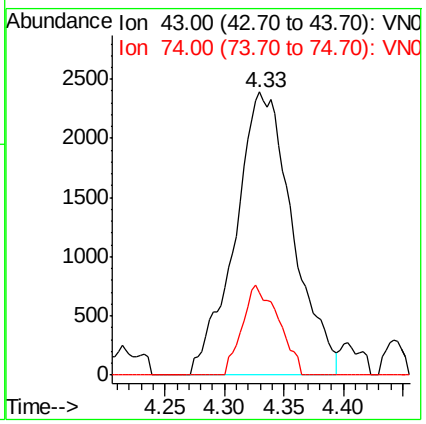


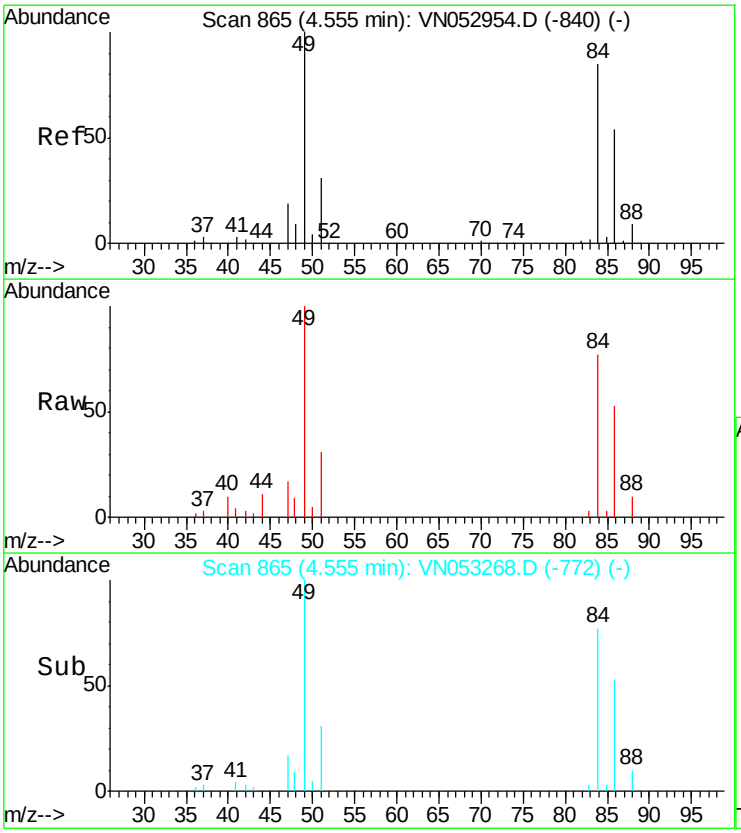
#18
Methyl Acetate
Concen: 1.787 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument : MSVOA_N
ClientSampleId : PB116111ZHE#13

Tgt Ion: 43 Resp: 8015

Ion	Ratio	Lower	Upper
43	100		
74	20.1	19.2	28.8

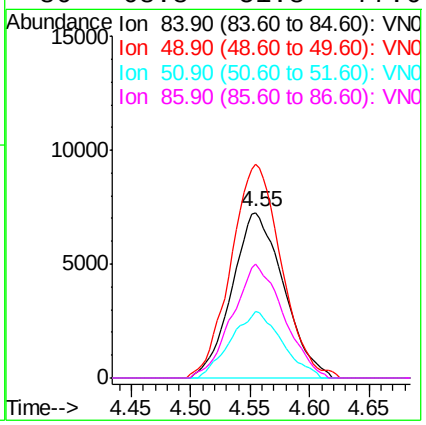


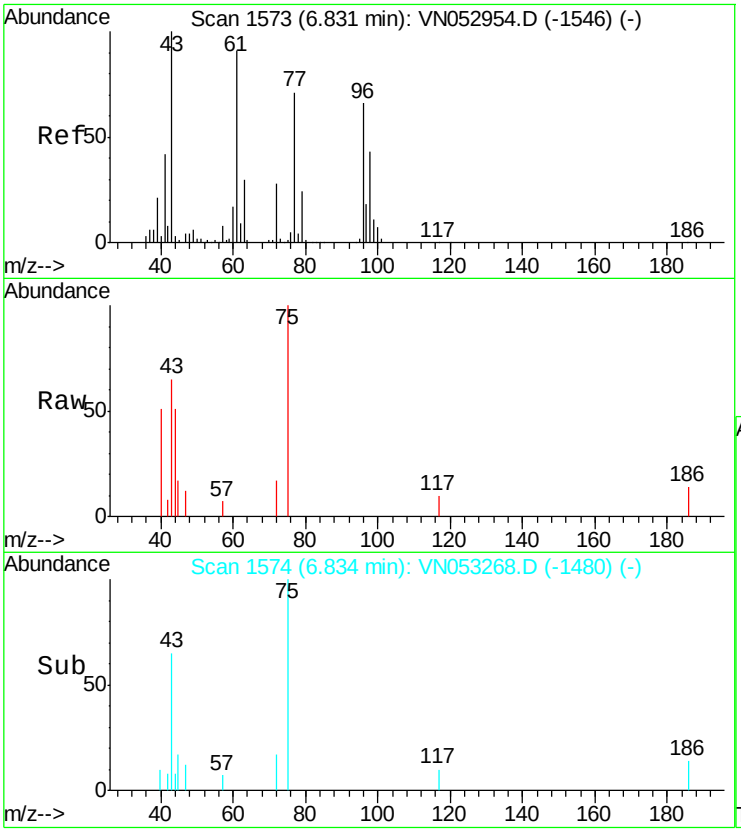


#20
Methylene Chloride
Concen: 1.833 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 84 Resp: 21781

Ion	Ratio	Lower	Upper
84	100		
49	129.1	96.8	145.2
51	40.2	29.9	44.9
86	68.8	51.8	77.6



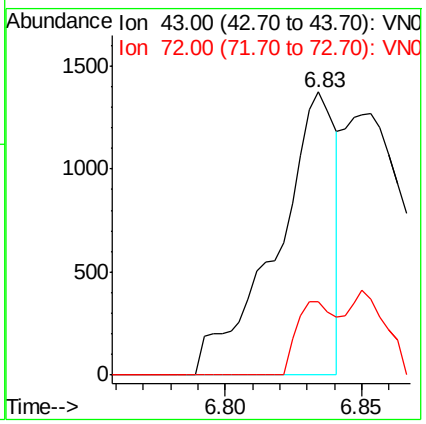


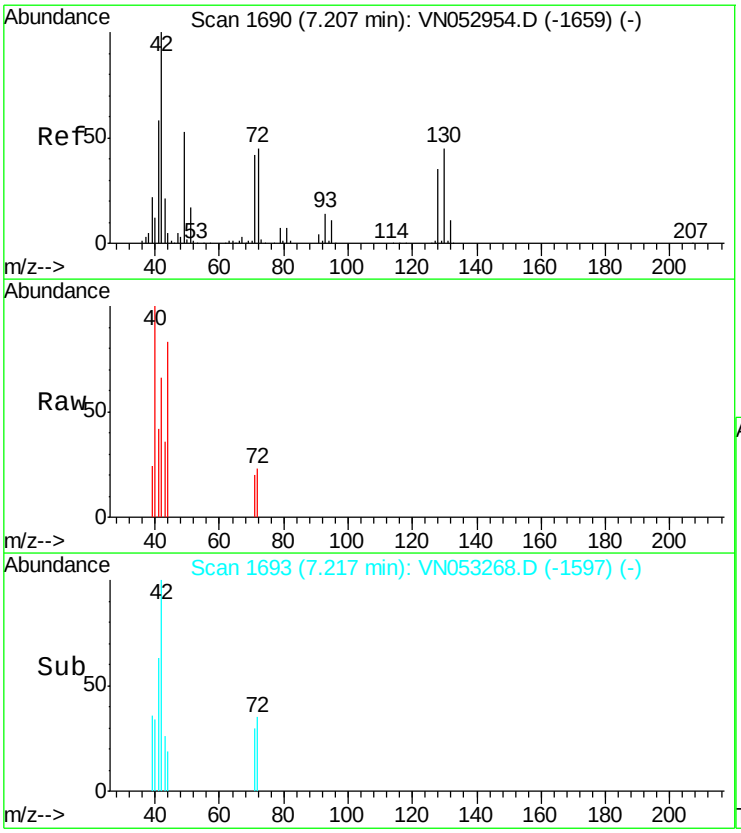
#25
2-Butanone
Concen: 0.566 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion: 43 Resp: 2068

Ion	Ratio	Lower	Upper
43	100		
72	26.0	21.0	31.6

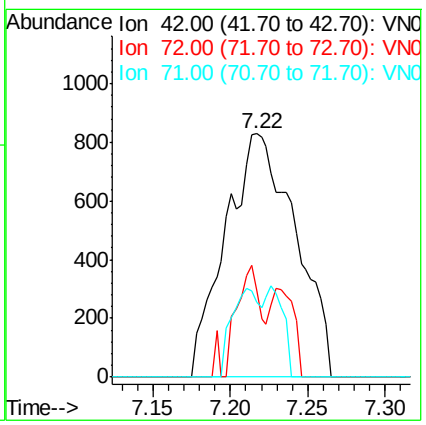


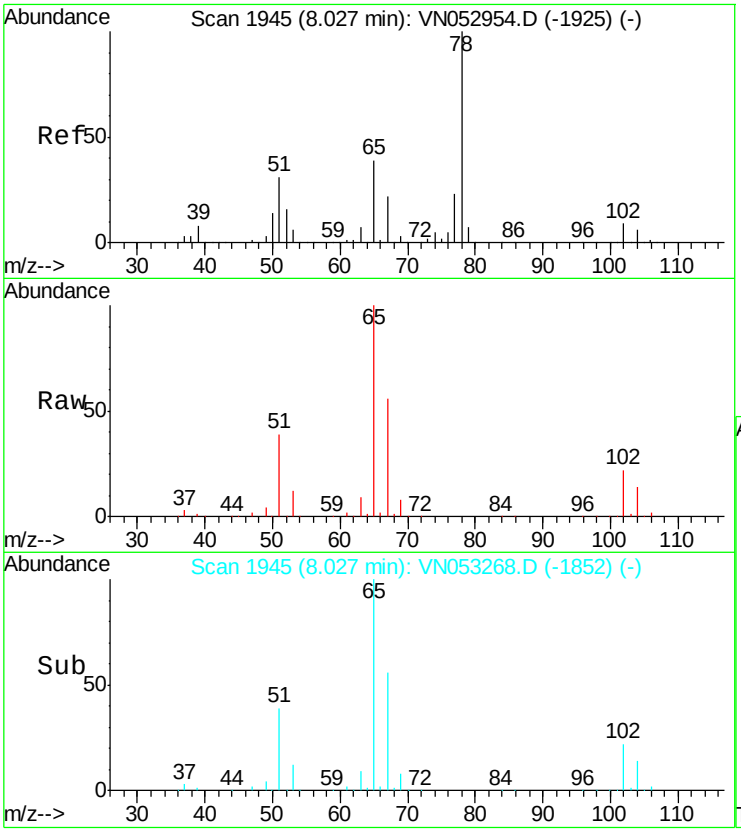


#29
Tetrahydrofuran
Concen: 0.954 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 42 Resp: 2605

Ion	Ratio	Lower	Upper
42	100		
72	15.7	34.7	52.1#
71	14.5	32.3	48.5#



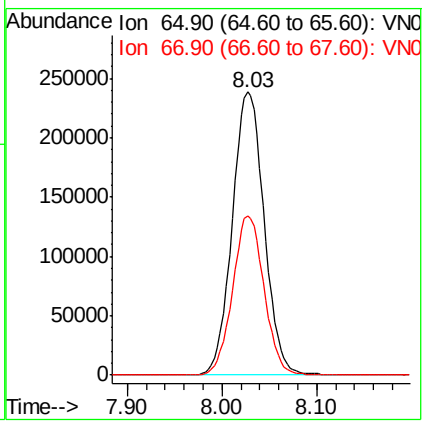


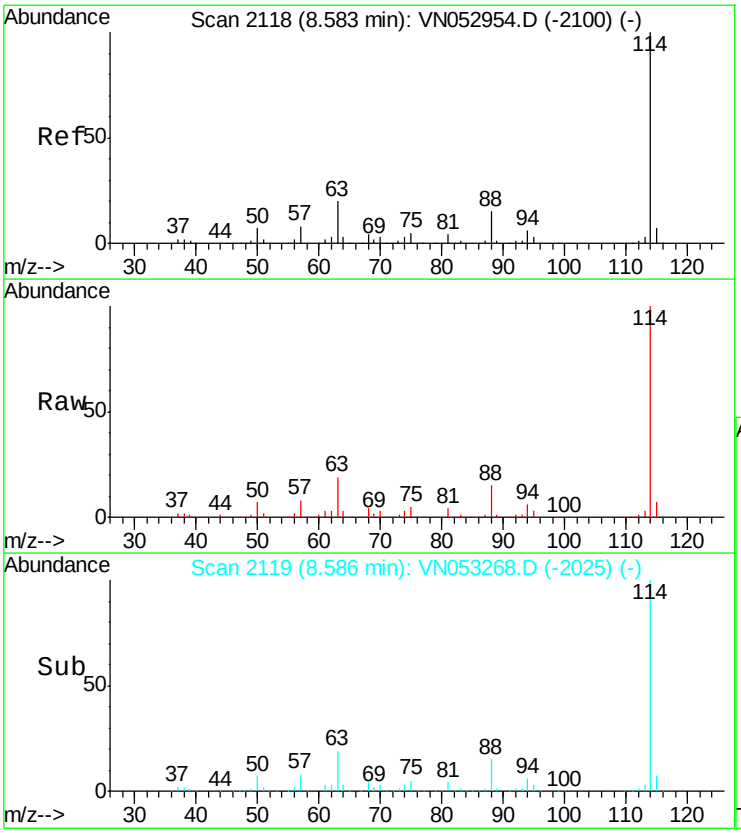
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion: 65 Resp: 558728

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	110.4

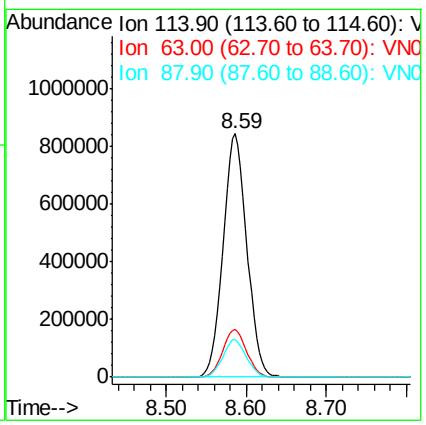


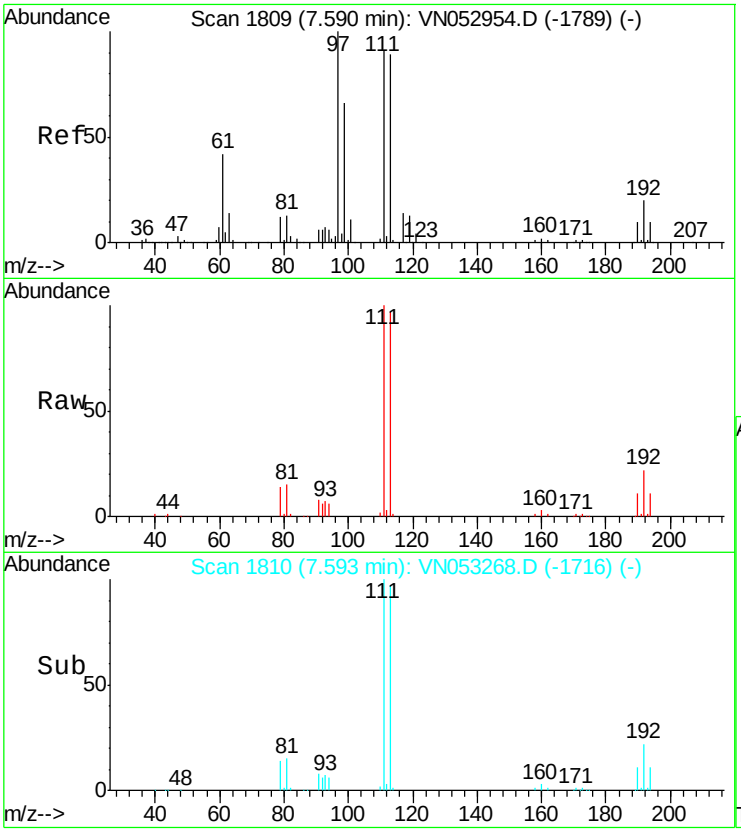


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion:114 Resp: 1713114

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.8
88	15.4	0.0	31.0



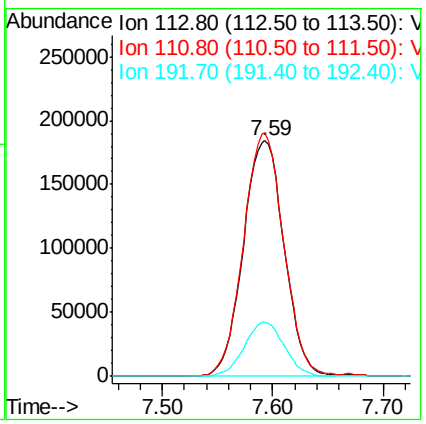


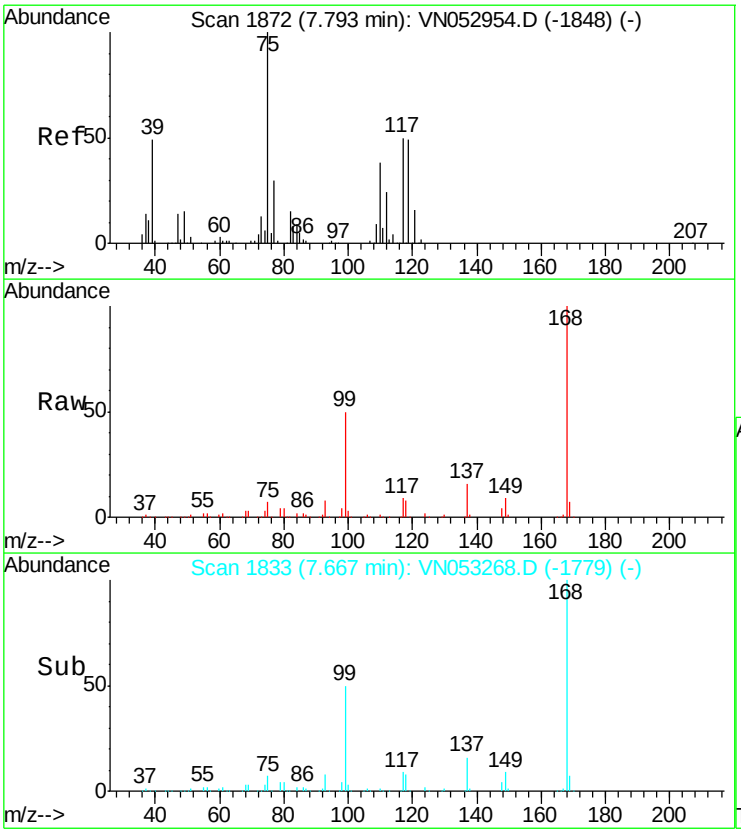
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion:113 Resp: 473233

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.0	124.4
192	22.5	17.5	26.3

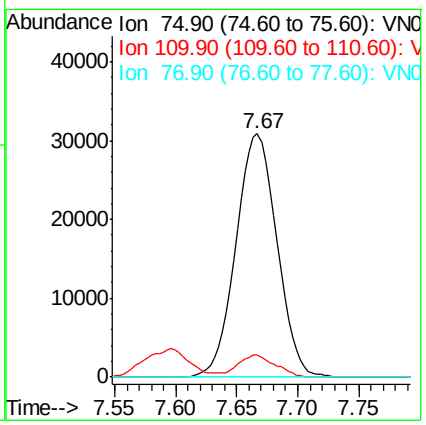


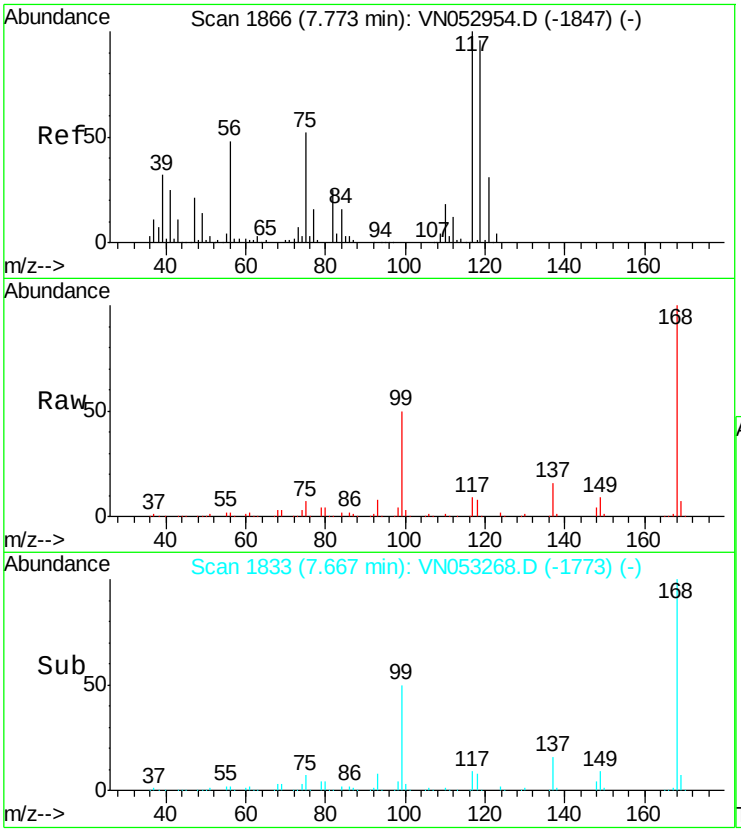


#36
1,1-Dichloropropene
Concen: 4.363 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 75 Resp: 71748

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



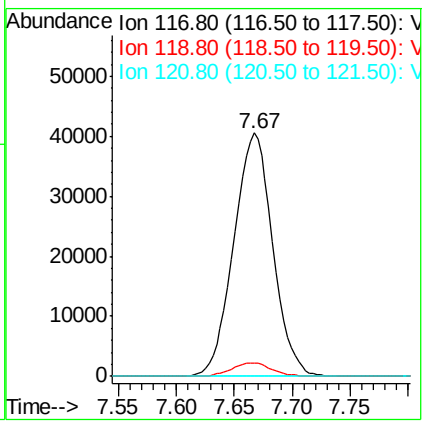


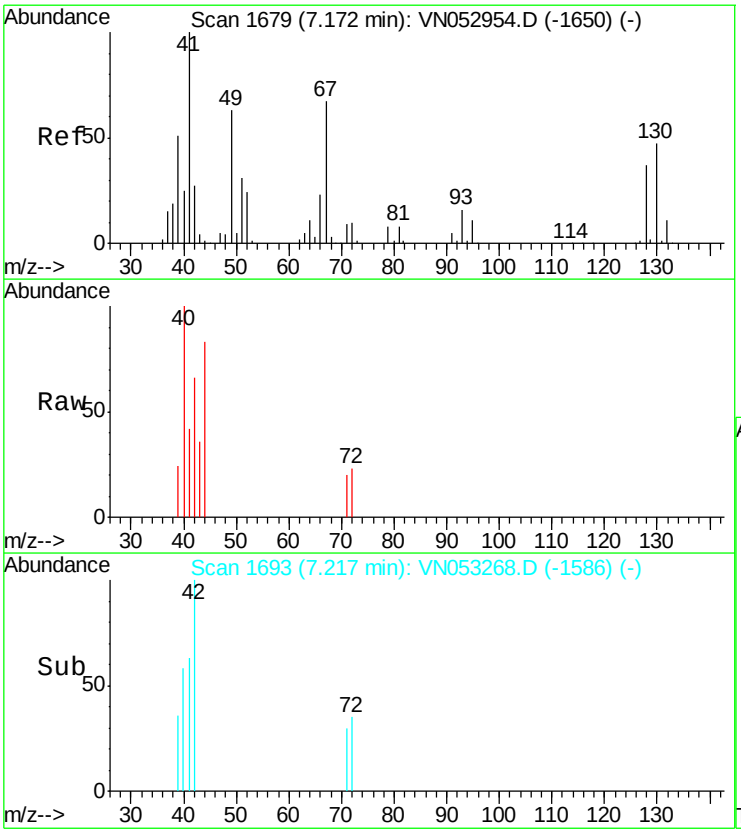
#38
Carbon Tetrachloride
Concen: 6.283 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion:117 Resp: 94694

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.1	115.7#
121	0.0	24.9	37.3#

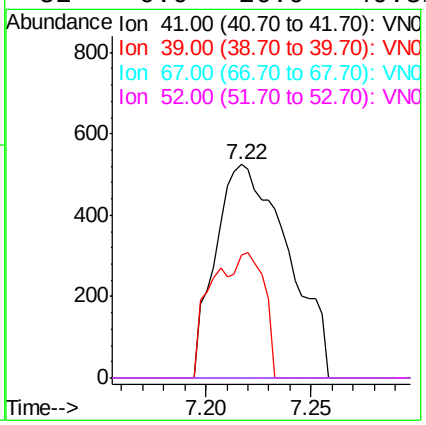


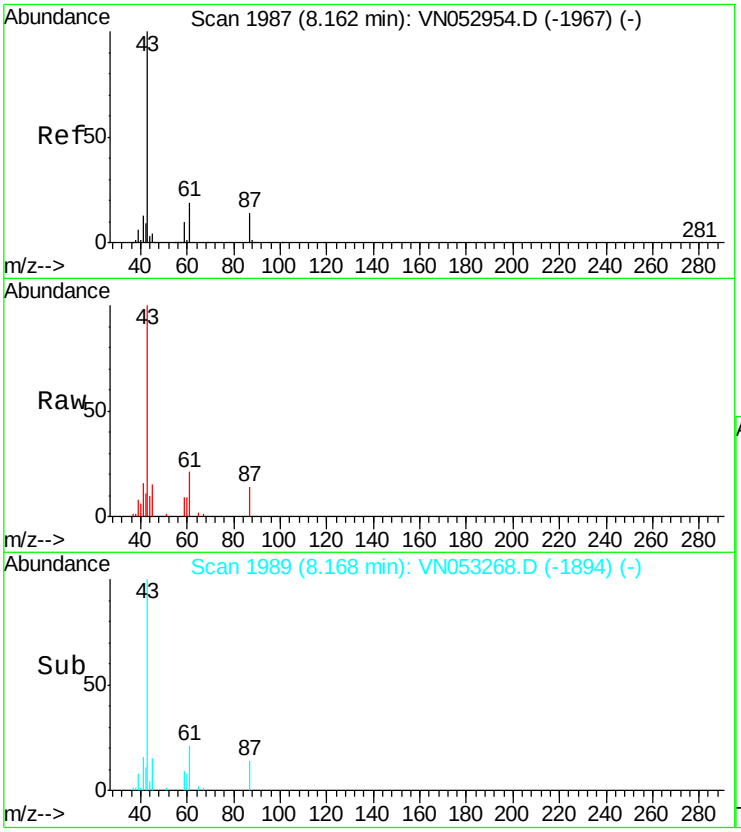


#41
Methacrylonitrile
Concen: 0.236 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.04 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 41 Resp: 1251

Ion	Ratio	Lower	Upper
41	100		
39	42.6	48.0	72.0#
67	0.0	70.3	105.5#
52	0.0	26.9	40.3#



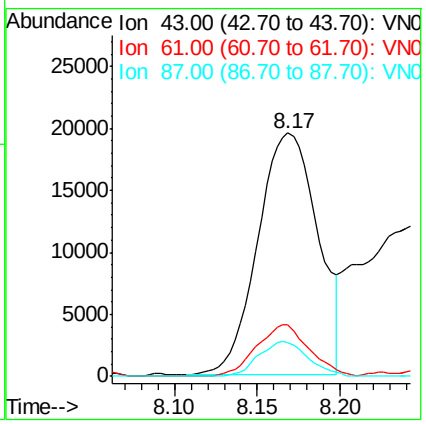


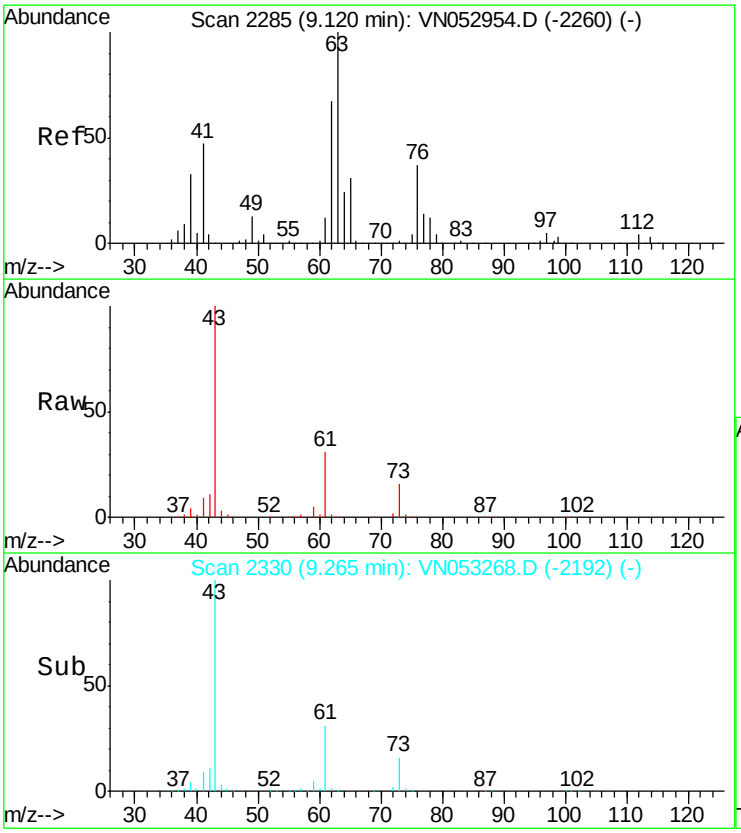
#43
Isopropyl Acetate
Concen: 1.750 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument : MSVOA_N
ClientSampleId : PB116111ZHE#13

Tgt Ion: 43 Resp: 48993

Ion	Ratio	Lower	Upper
43	100		
61	18.9	22.9	34.3#
87	11.9	10.6	15.8

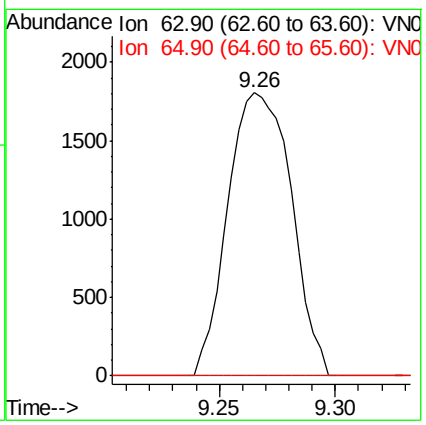


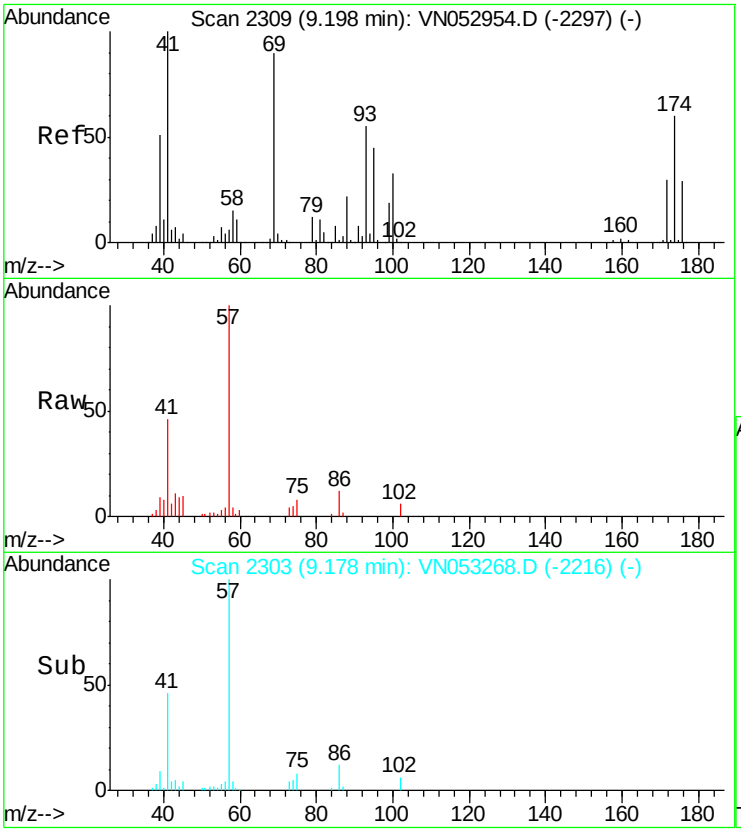


#45
1,2-Dichloropropane
Concen: 0.270 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 63 Resp: 3435

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



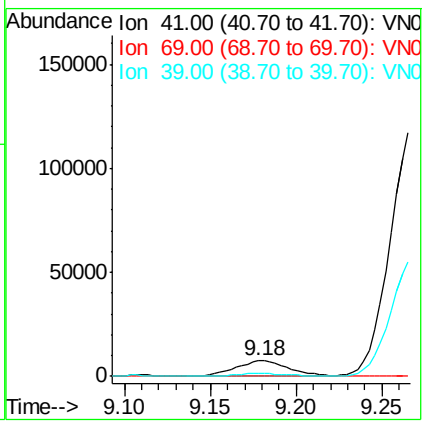


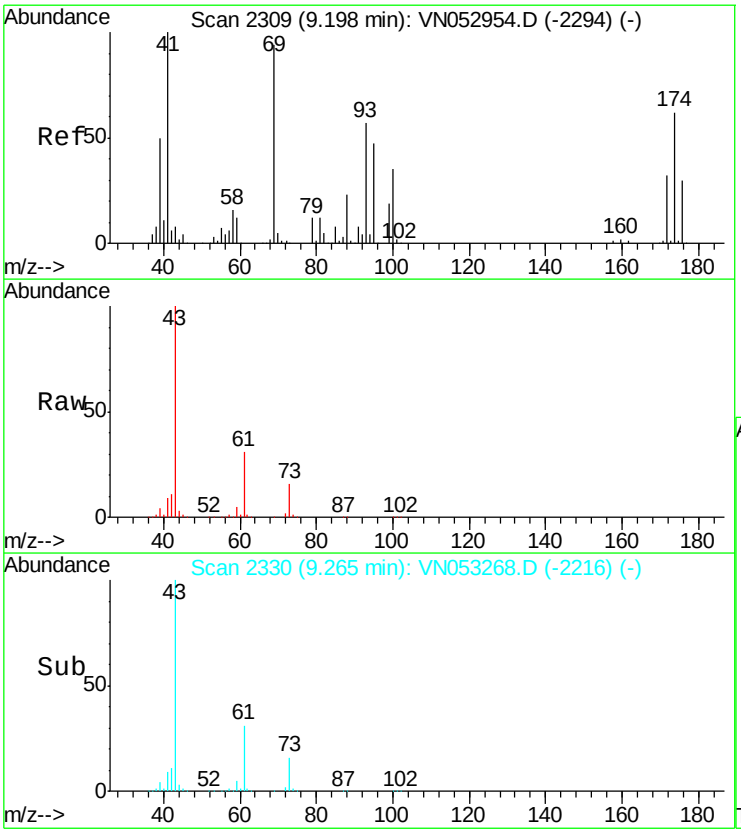
#48
Methyl methacrylate
Concen: 1.667 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion: 41 Resp: 14850

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.2	108.2#
39	21.1	41.9	62.9#

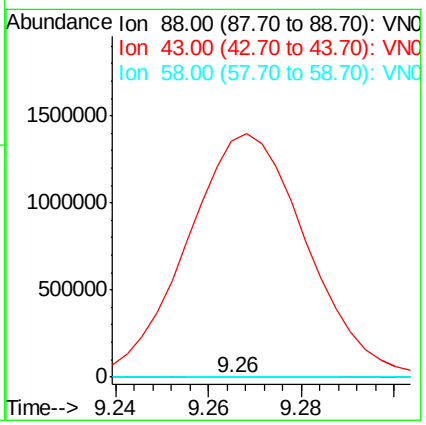


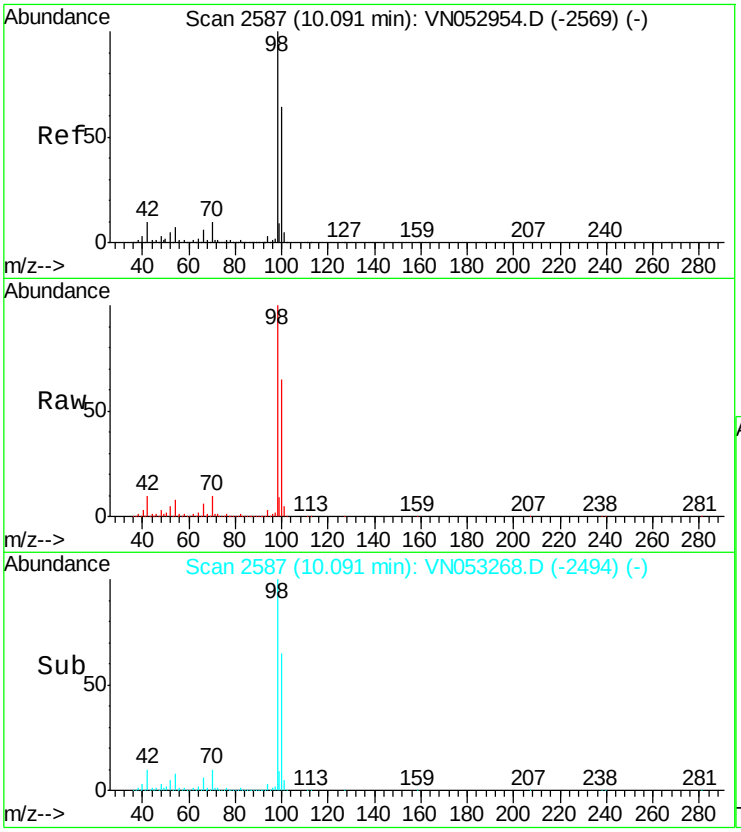


#49
1,4-Dioxane
Concen: 2.423 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.07 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 88 Resp: 273

Ion	Ratio	Lower	Upper
88	100		
43	931653.1	26.6	40.0#
58	4042.1	58.4	87.6#



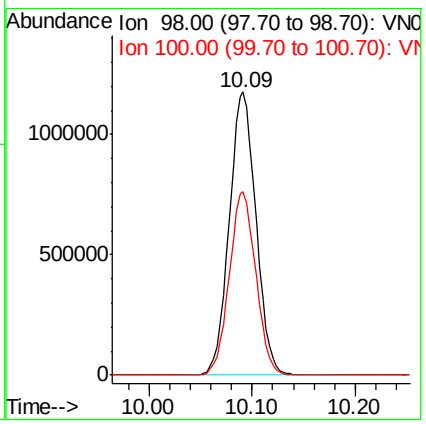


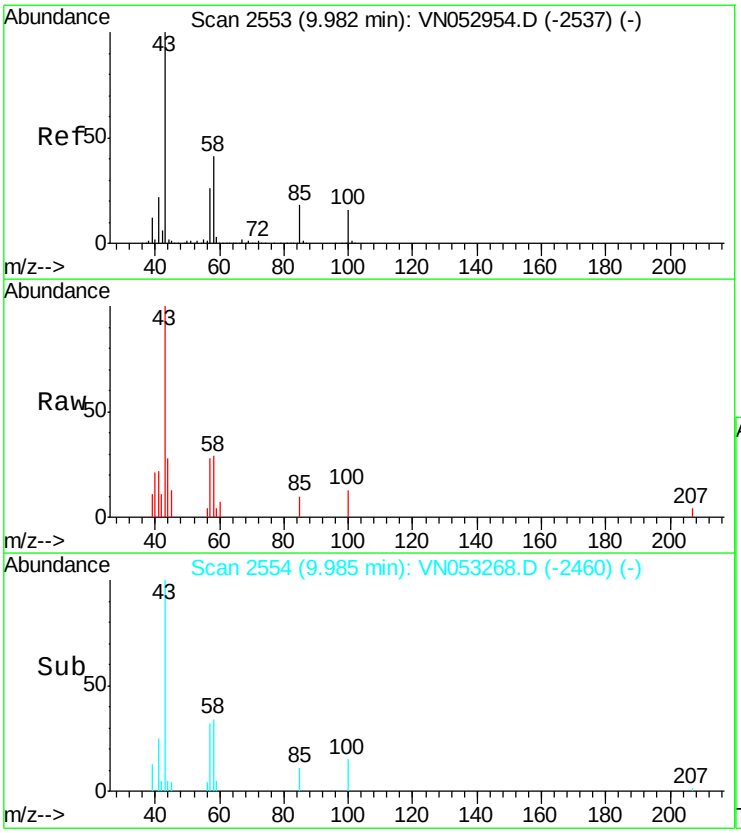
#50
Toluene-d8
Concen: 2.423 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument : MSVOA_N
ClientSampleId : PB116111ZHE#13

Tgt Ion: 98 Resp: 2121232

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

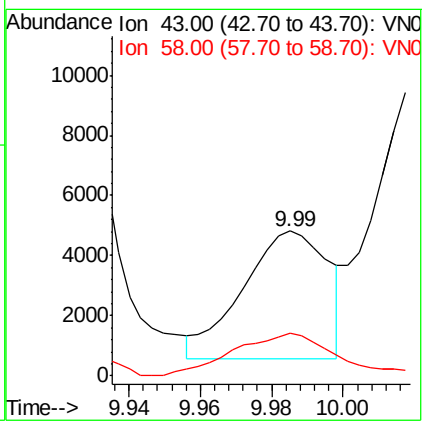


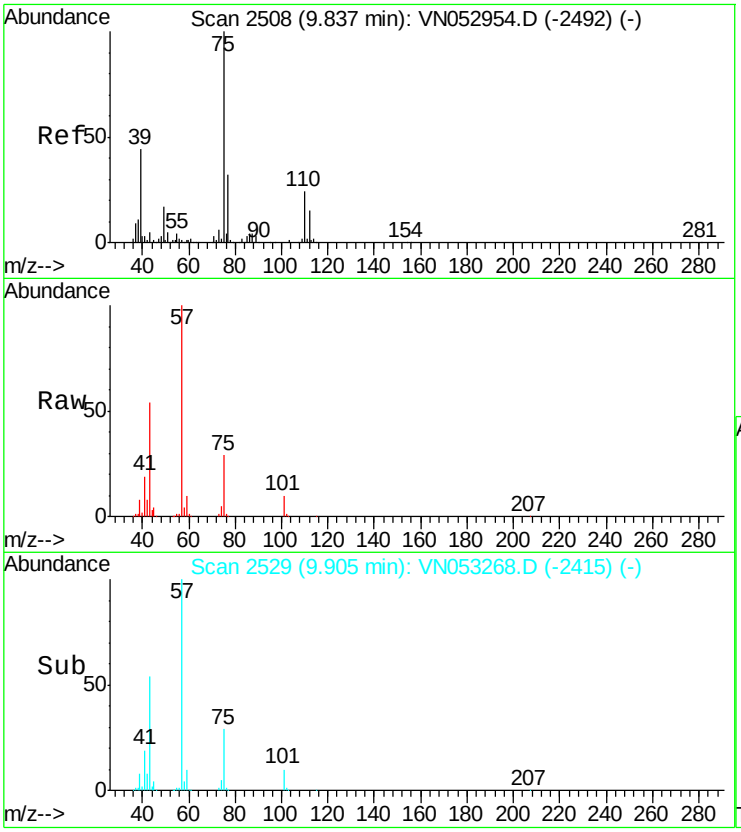


#51
4-Methyl-2-Pentanone
Concen: 0.789 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 43 Resp: 7010

Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.2	48.4



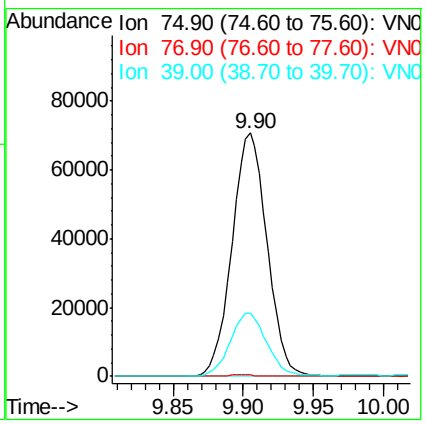


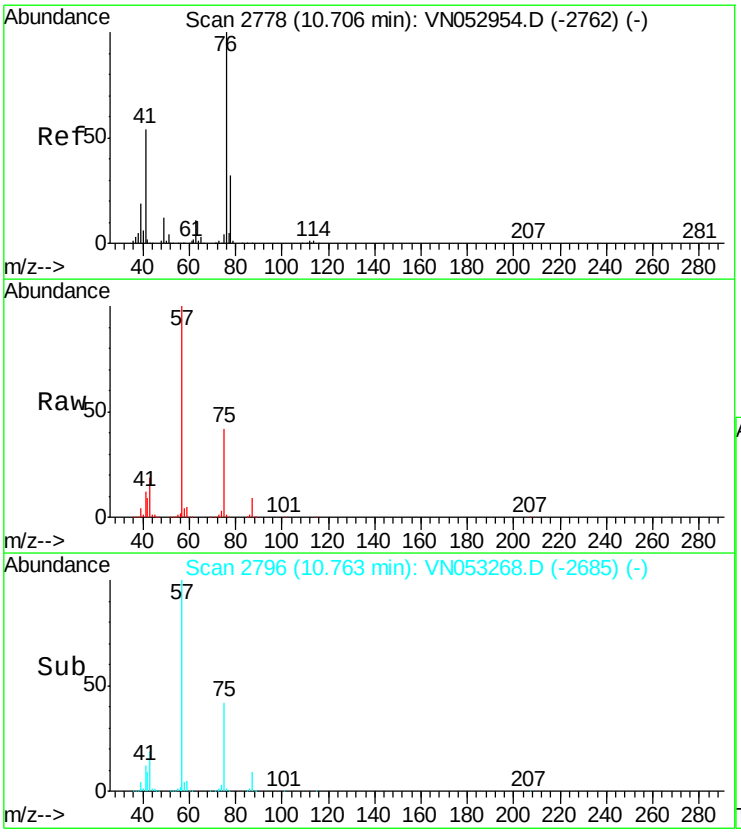
#54
cis-1,3-Dichloropropene
Concen: 6.470 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion: 75 Resp: 123189

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.8#
39	26.0	34.8	52.2#

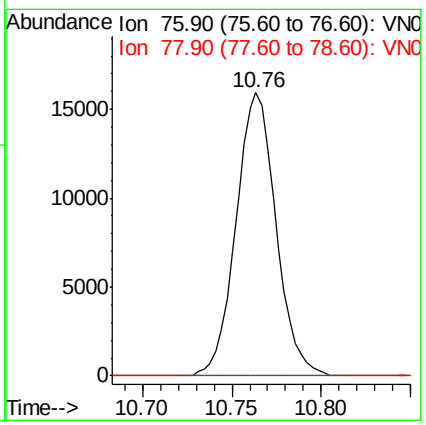


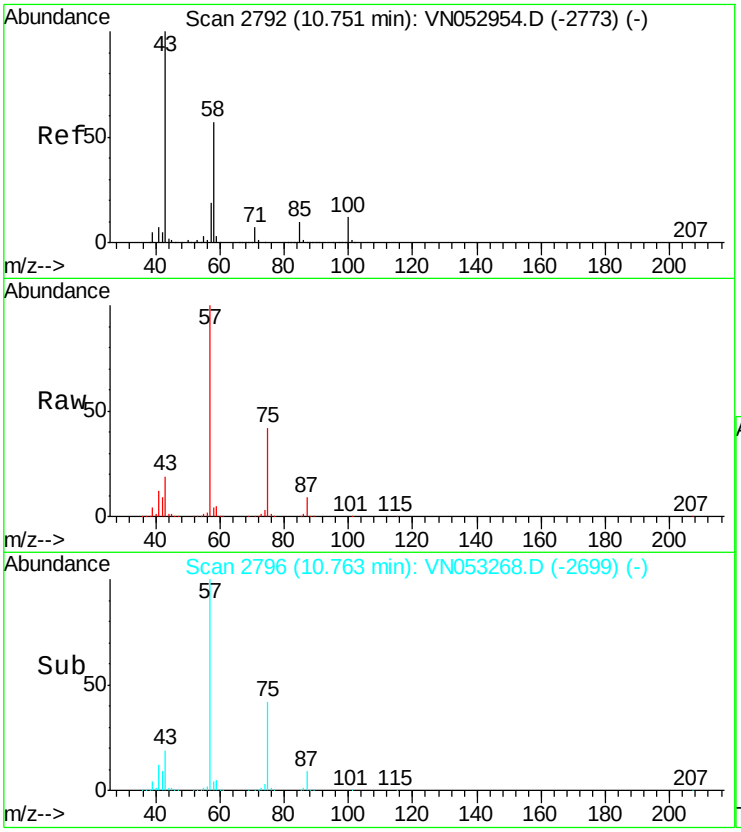


#57
1,3-Dichloropropane
Concen: 1.369 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 76 Resp: 24832

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



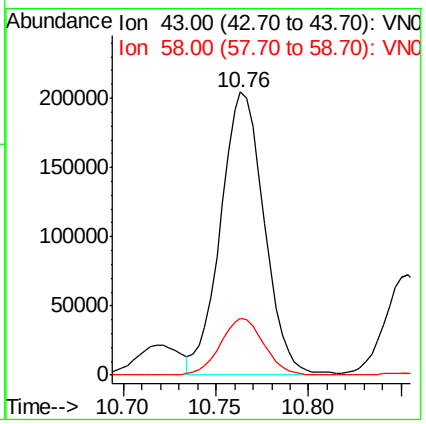


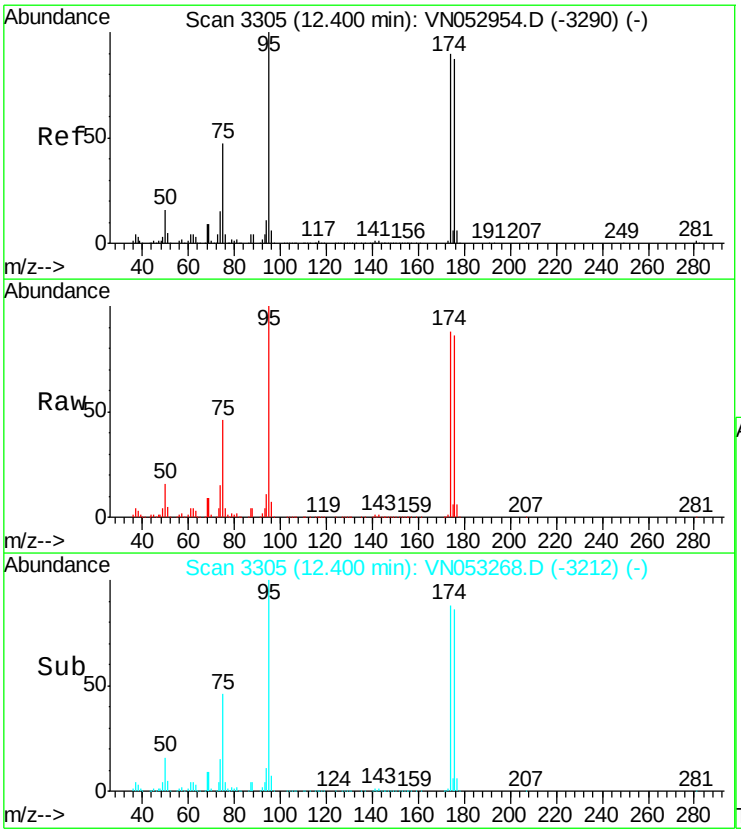
#59
2-Hexanone
Concen: 55.130 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument : MSVOA_N
ClientSampleId : PB116111ZHE#13

Tgt Ion: 43 Resp: 331576

Ion	Ratio	Lower	Upper
43	100		
58	20.2	28.1	84.3#

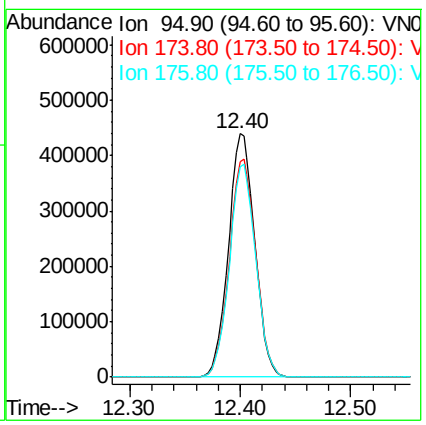


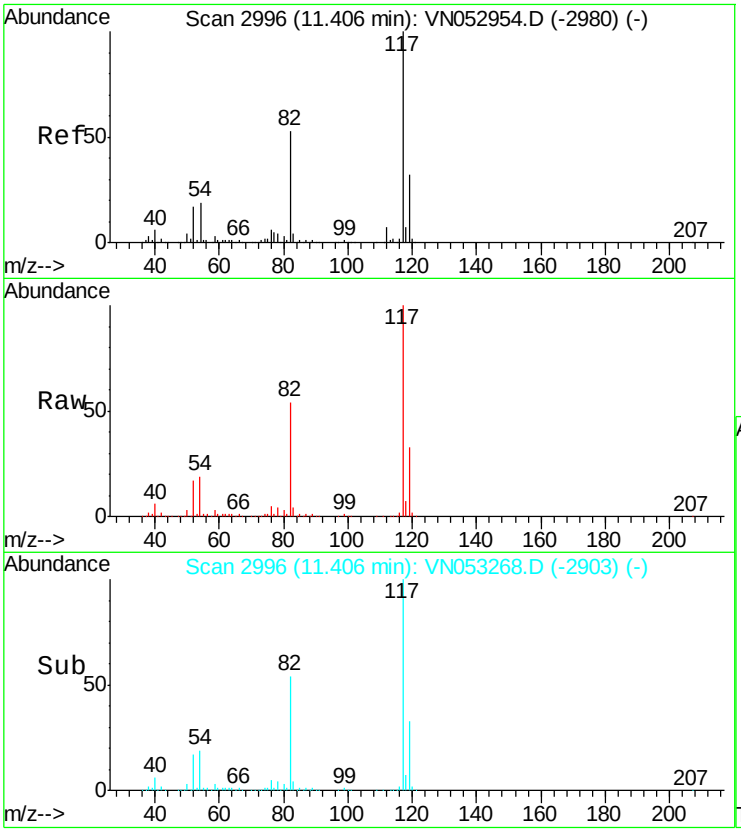


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 95 Resp: 726328

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	178.8
176	87.4	0.0	173.8



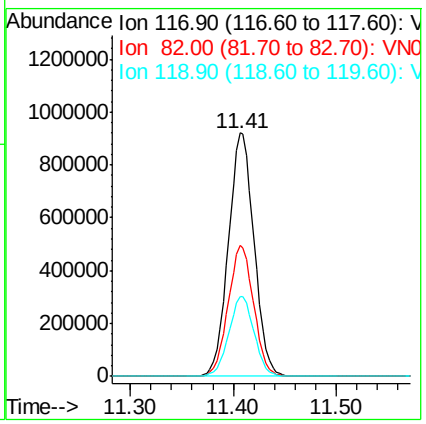


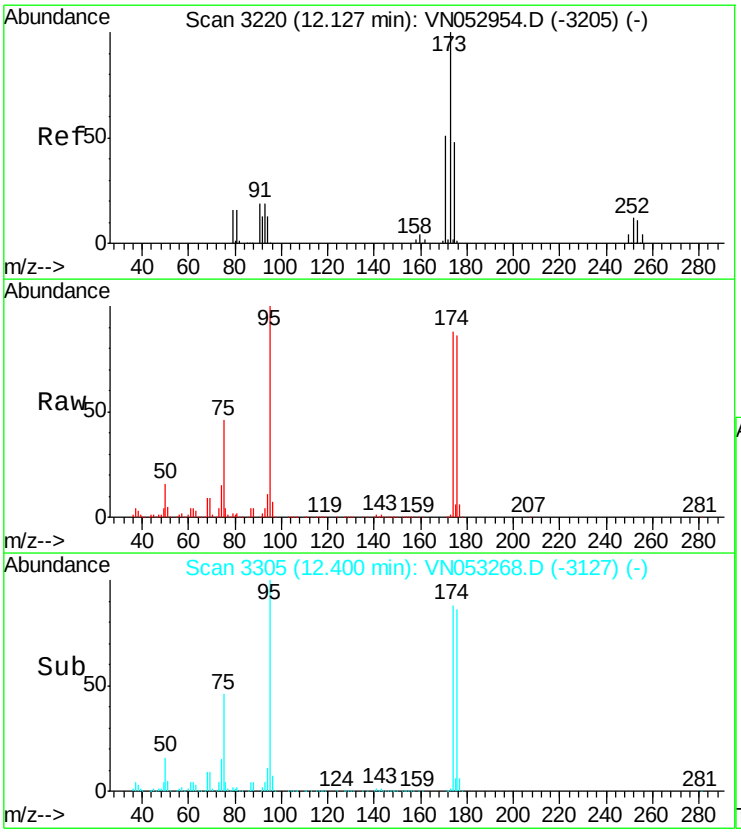
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument : MSVOA_N
ClientSampleId : PB116111ZHE#13

Tgt Ion:117 Resp: 1592790

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	32.8	25.5	38.3

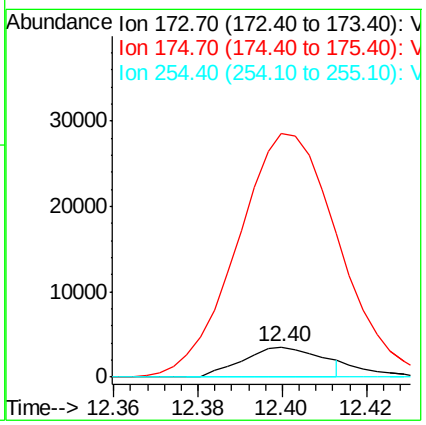


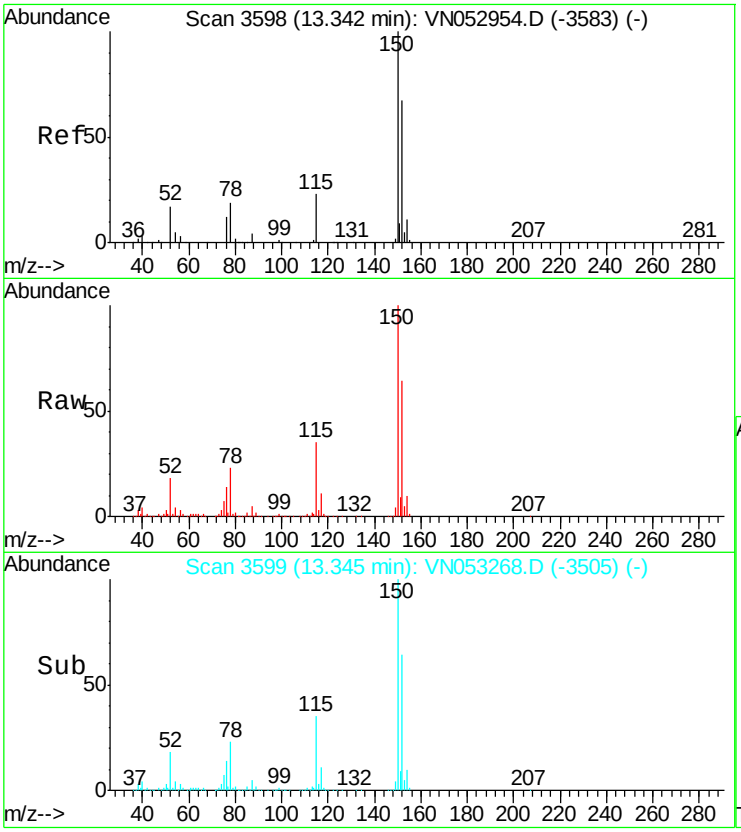


#71
Bromoform
Concen: 0.511 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion:173 Resp: 4536

Ion	Ratio	Lower	Upper
173	100		
175	921.1	24.3	72.9#
254	0.0	0.1	0.1#



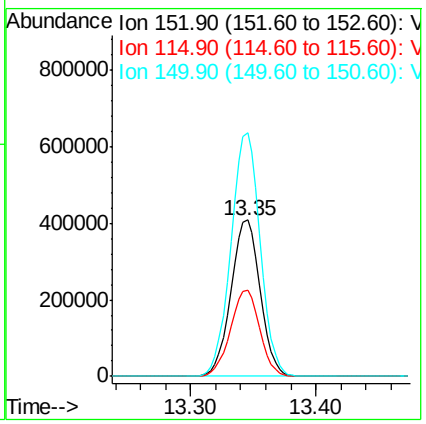


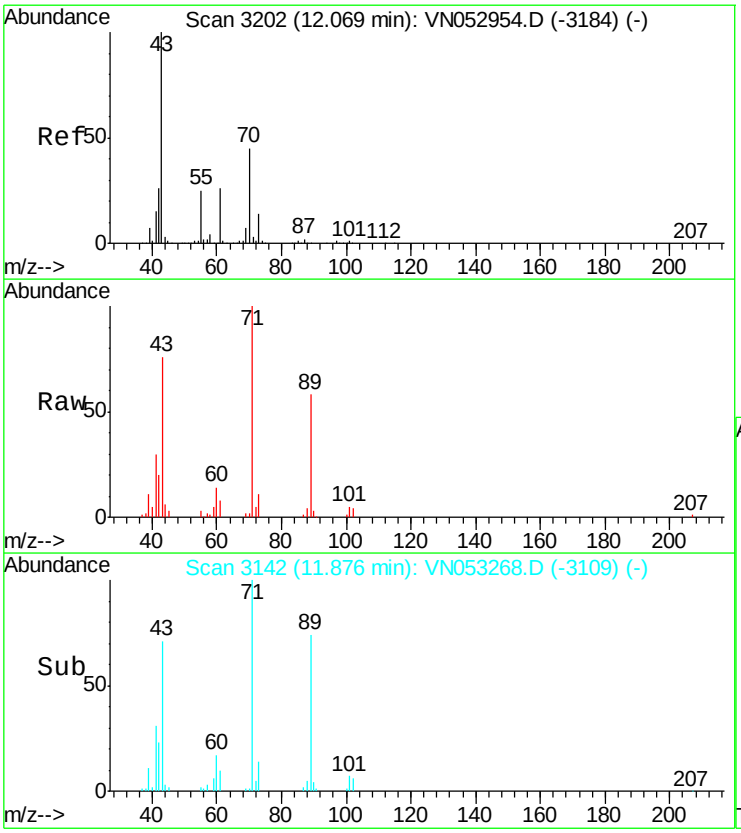
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion:152 Resp: 657288

Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.3	85.0
150	156.3	0.0	347.8

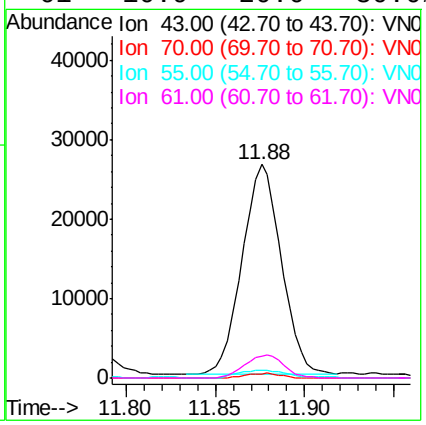


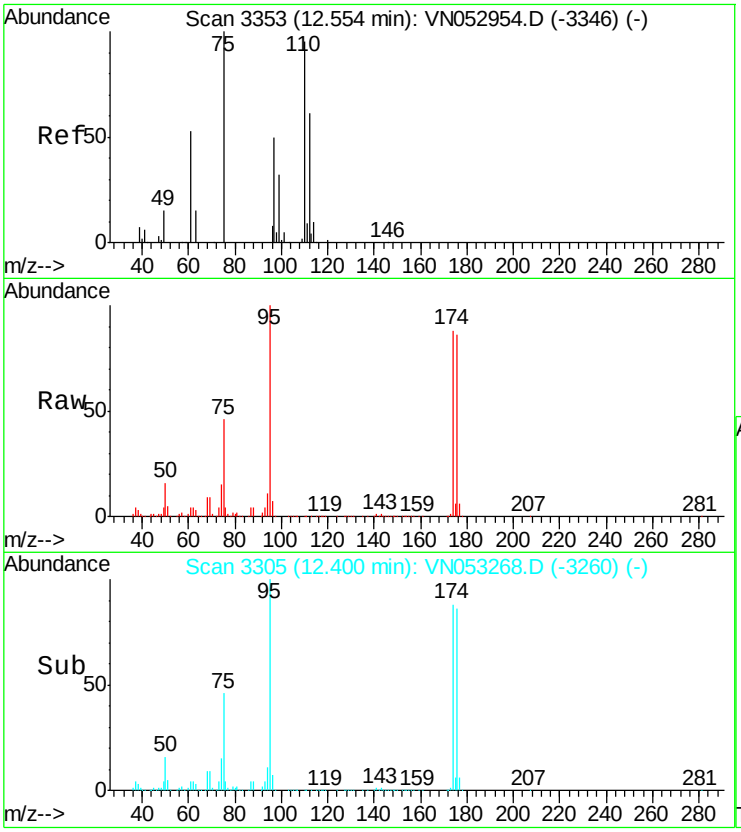


#74
N-amyl acetate
Concen: 2.849 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion: 43 Resp: 40681

Ion	Ratio	Lower	Upper
43	100		
70	2.0	34.2	51.4#
55	4.3	20.3	30.5#
61	10.9	20.0	30.0#



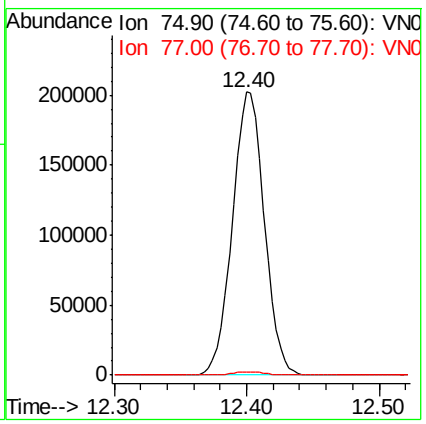


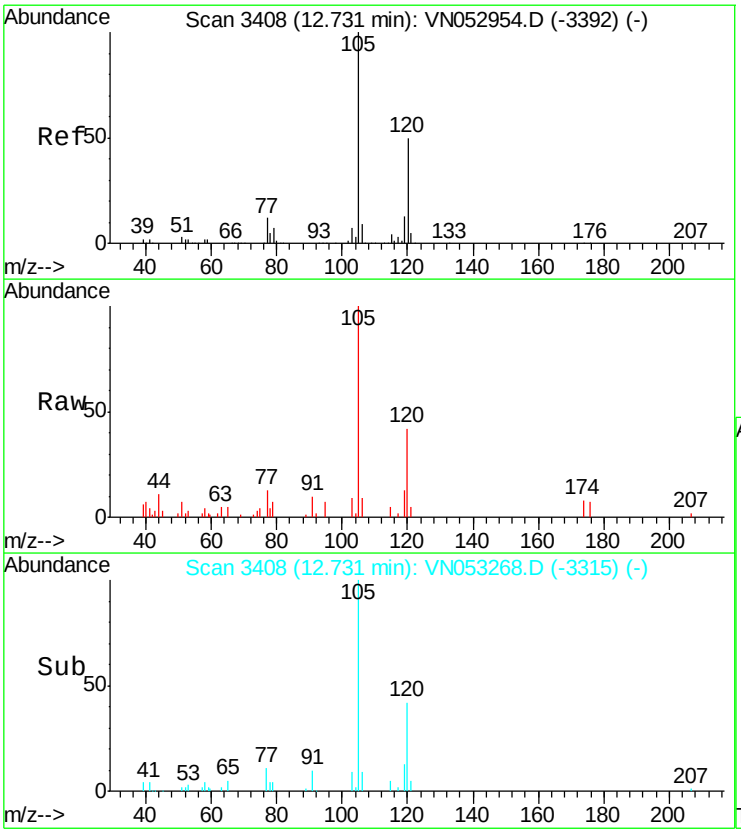
#76
1,2,3-Trichloropropane
Concen: 30.470 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion: 75 Resp: 337139

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

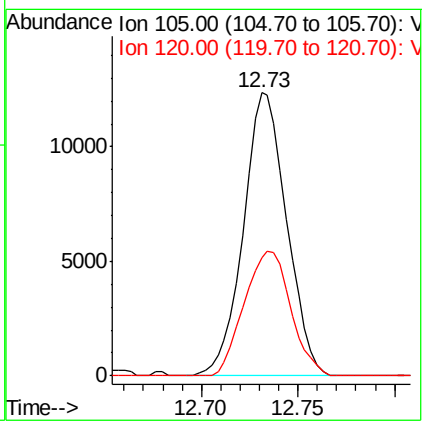


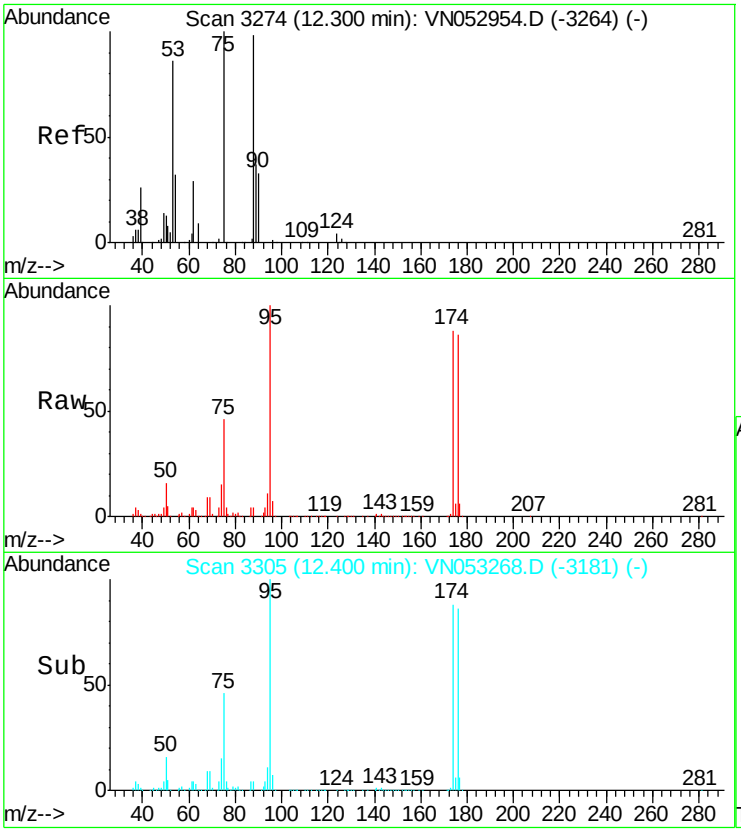


#80
1,3,5-Trimethylbenzene
Concen: 0.460 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion:105 Resp: 19283

Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.4	73.2



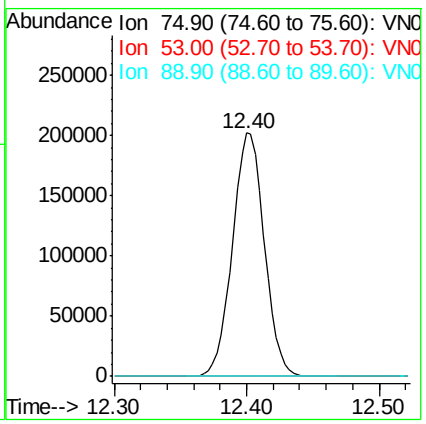


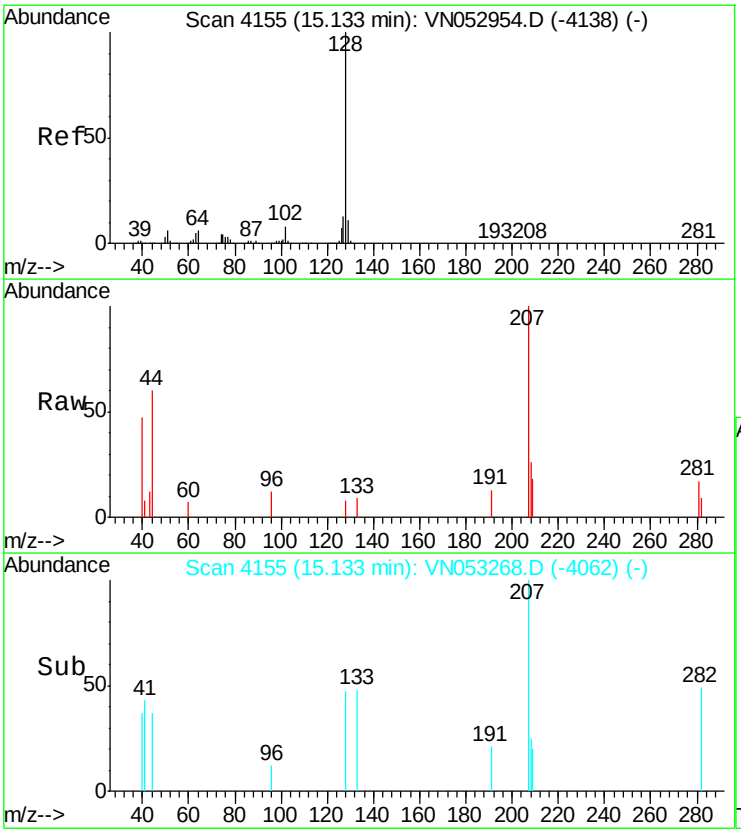
#81
trans-1,4-Dichloro-2-butene
Concen: 98.207 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#13

Tgt Ion: 75 Resp: 337139

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.7	112.1#
89	0.0	36.1	54.1#





#95
Naphthalene
Concen: 1.152 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053268.D
Acq: 3 Jan 2019 17:51

Tgt Ion:128 Resp: 134

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	13.0#