Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011619\
Data File : VN053427.D
Acq On : 16 Jan 2019 16:08
Operator : JC/SP
Sample : PB116405ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Quant Time: Jan 17 03:57:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	908992	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1434063	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1368077	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	605302	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	474745	52.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.68%				
35) Dibromofluoromethane	7.59	113	412646	50.42	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.84%				
50) Toluene-d8	10.09	98	1796437	51.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.80%				
62) 4-Bromofluorobenzene	12.40	95	629154	51.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.68%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.78	59	167	0.380	ug/l	#	72
16) Acetone	3.82	43	13351	6.334	ug/l		95
18) Methyl Acetate	4.33	43	4867	0.685	ug/l	#	58
20) Methylene Chloride	4.55	84	21142	2.197	ug/l		97
25) 2-Butanone	6.84	43	7239	2.229	ug/l		98
29) Tetrahydrofuran	7.21	42	610	0.288	ug/l	#	71
31) Cyclohexane	7.67	56	14410	0.692	ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	60201	4.610	ug/l	#	48
37) Ethyl Acetate	6.84	43	7239	0.963	ug/l	#	67
38) Carbon Tetrachloride	7.67	117	78824	6.375	ug/l	#	17
41) Methacrylonitrile	7.19	41	170	0.705	ug/l	#	20
43) Isopropyl Acetate	8.17	43	57924	4.287	ug/l	#	82
45) 1,2-Dichloropropane	9.27	63	2974	0.283	ug/l	#	43
48) Methyl methacrylate	9.18	41	19701	2.824	ug/l	#	22
49) 1,4-Dioxane	9.27	88	443	6.502	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.03	43	21504	2.916	ug/l	#	34
54) cis-1,3-Dichloropropene	9.90	75	137297	9.098	ug/l	#	61
56) Ethyl methacrylate	10.54	69	1975	2.215	ug/l	#	1
57) 1,3-Dichloropropane	10.76	76	25364	1.726	ug/l	#	43
59) 2-Hexanone	10.76	43	328889	63.522	ug/l	#	50
71) Bromoform	12.40	173	4419	0.637	ug/l	#	1
74) N-amyl acetate	11.88	43	39819	3.370	ug/l	#	52
76) 1,2,3-Trichloropropane	12.40	75	293130	36.748	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	7738	0.215	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.40	75	293130	90.822	ug/l	#	15
95) Naphthalene	15.13	128	223	3.953	ug/l	#	69

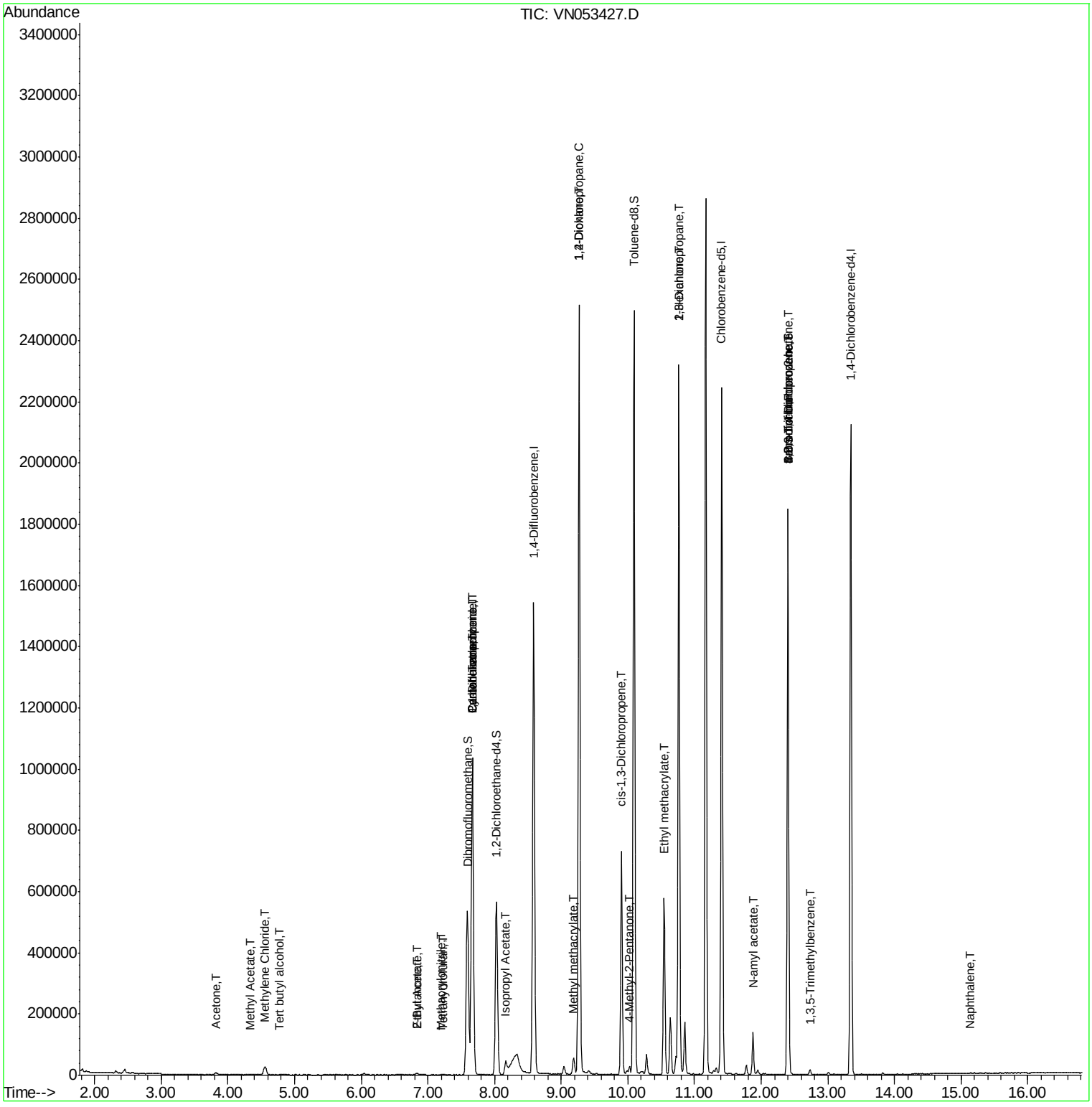
(#) = qualifier out of range (m) = manual integration (+) = signals summed

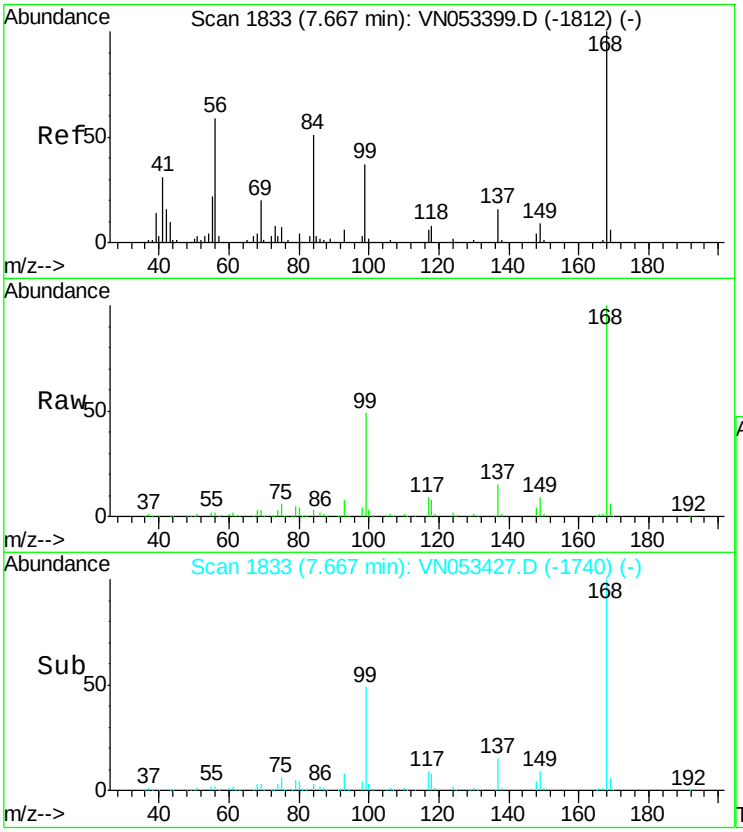
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011619\
Data File : VN053427.D
Acq On : 16 Jan 2019 16:08
Operator : JC/SP
Sample : PB116405ZHE#10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Quant Time: Jan 17 03:57:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration



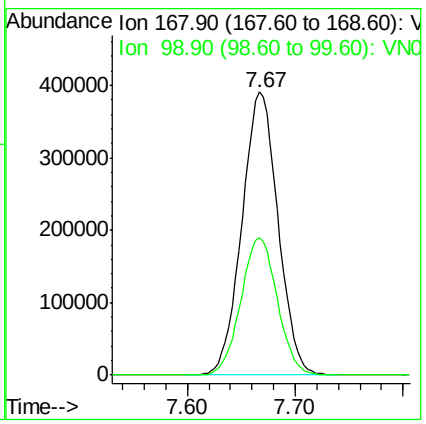


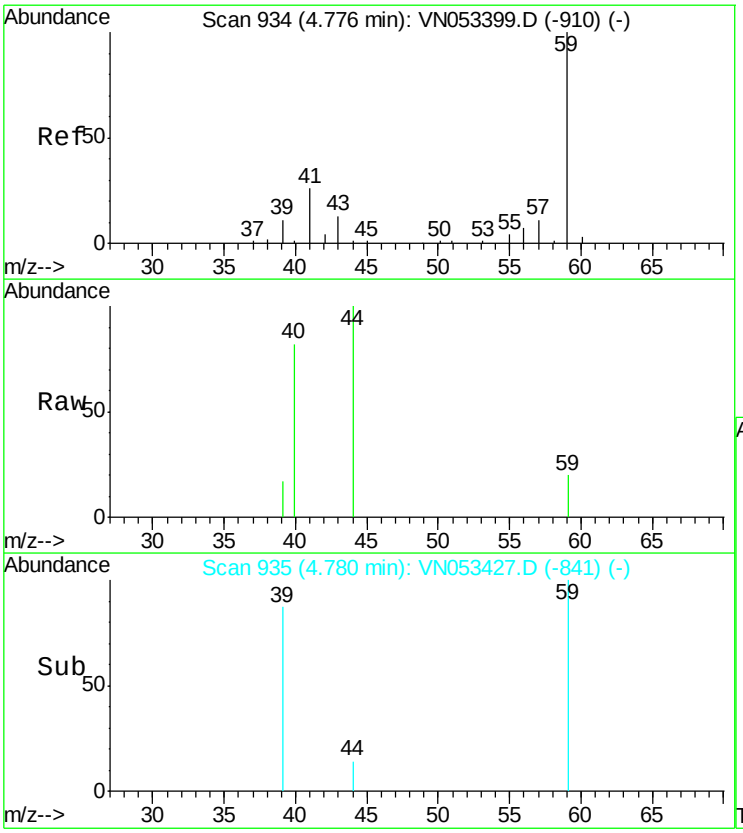
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion:168 Resp: 908992

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.1	58.7

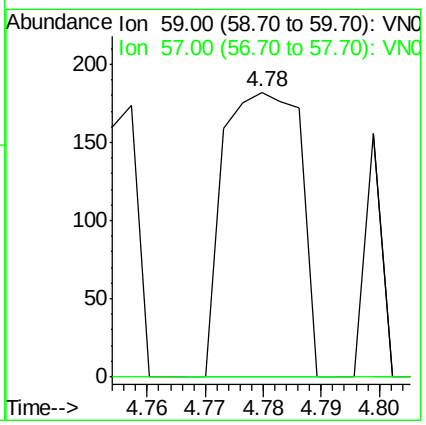


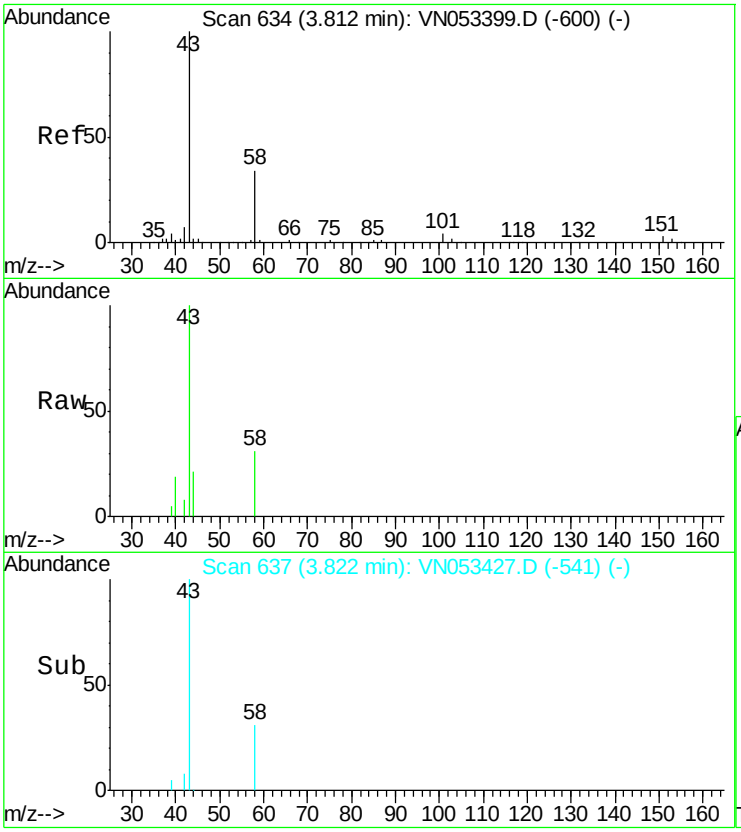


#11
Tert butyl alcohol
Concen: 0.380 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 59 Resp: 167

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



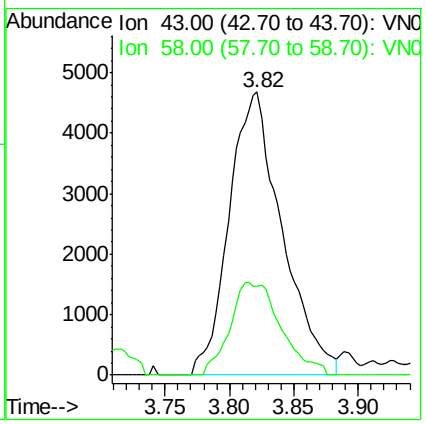


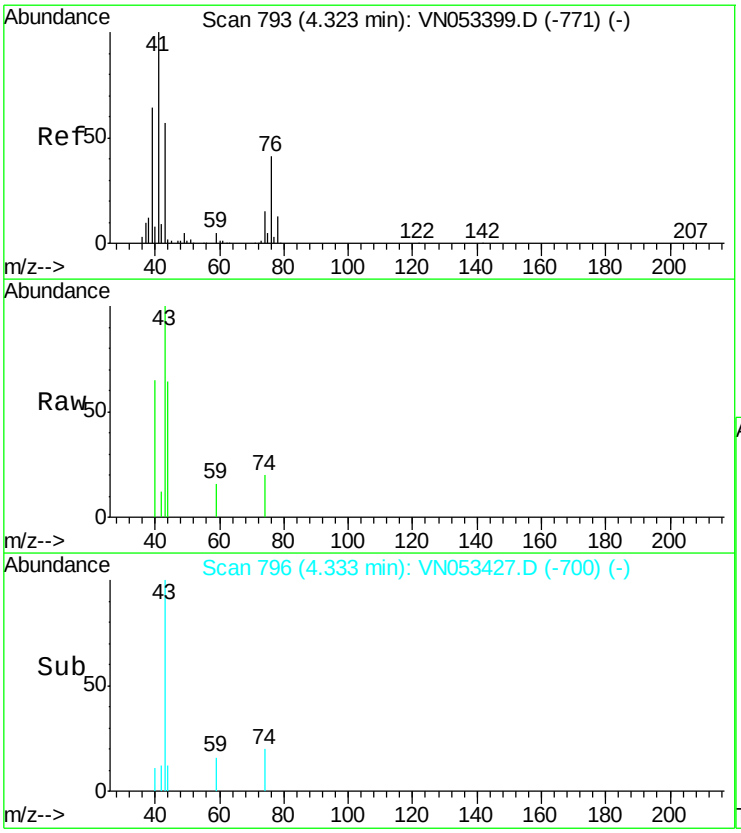
#16
Acetone
Concen: 6.334 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion: 43 Resp: 13351

Ion	Ratio	Lower	Upper
43	100		
58	31.2	27.1	40.7

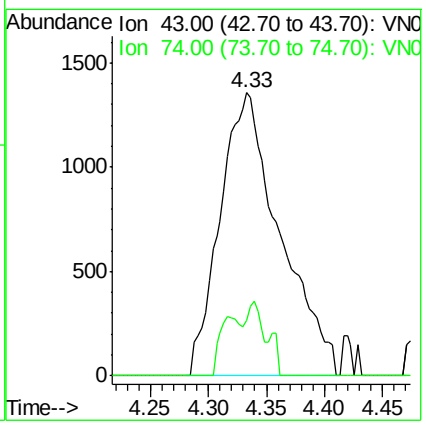


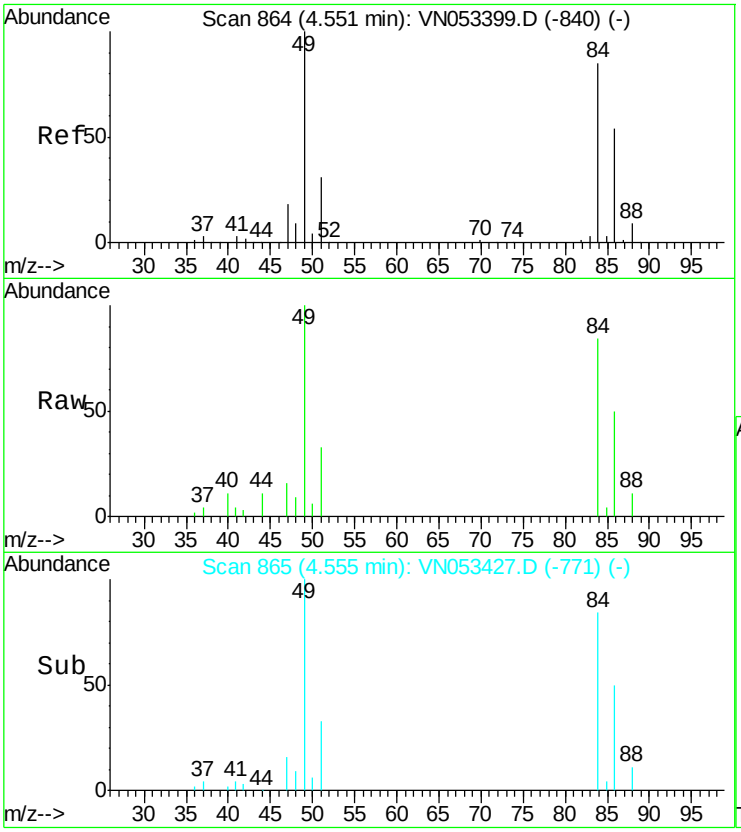


#18
Methyl Acetate
Concen: 0.685 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 43 Resp: 4867

Ion	Ratio	Lower	Upper
43	100		
74	3.7	19.4	29.2#



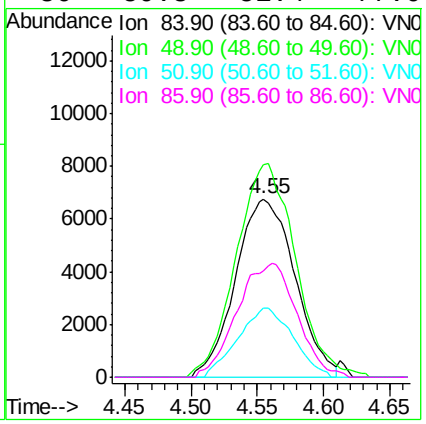


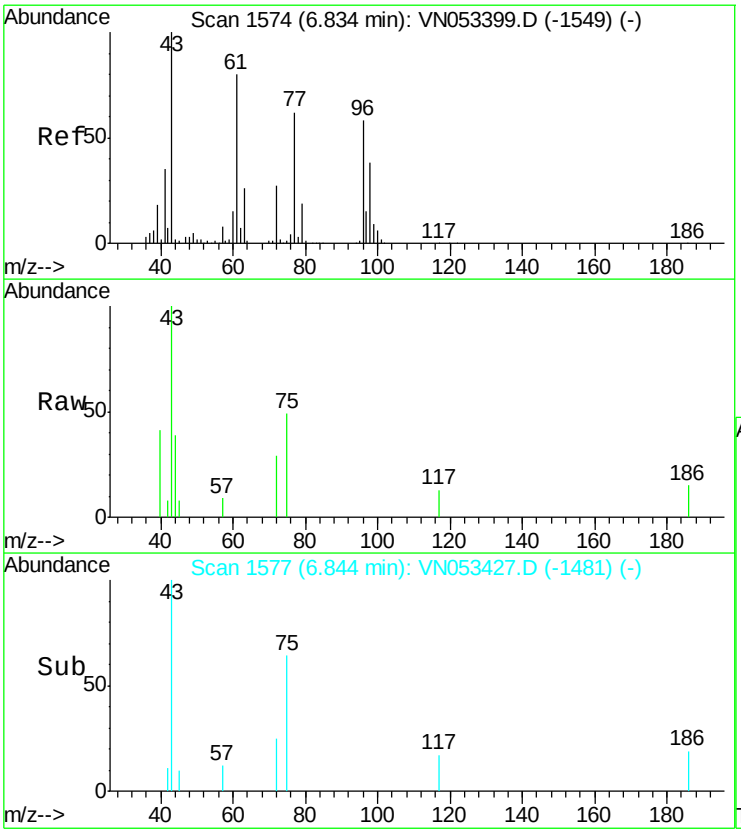
#20
Methylene Chloride
Concen: 2.197 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion: 84 Resp: 21142

Ion	Ratio	Lower	Upper
84	100		
49	119.6	94.3	141.5
51	38.9	29.4	44.2
86	59.8	51.4	77.0

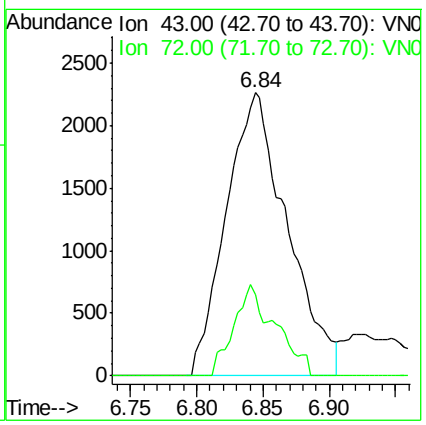


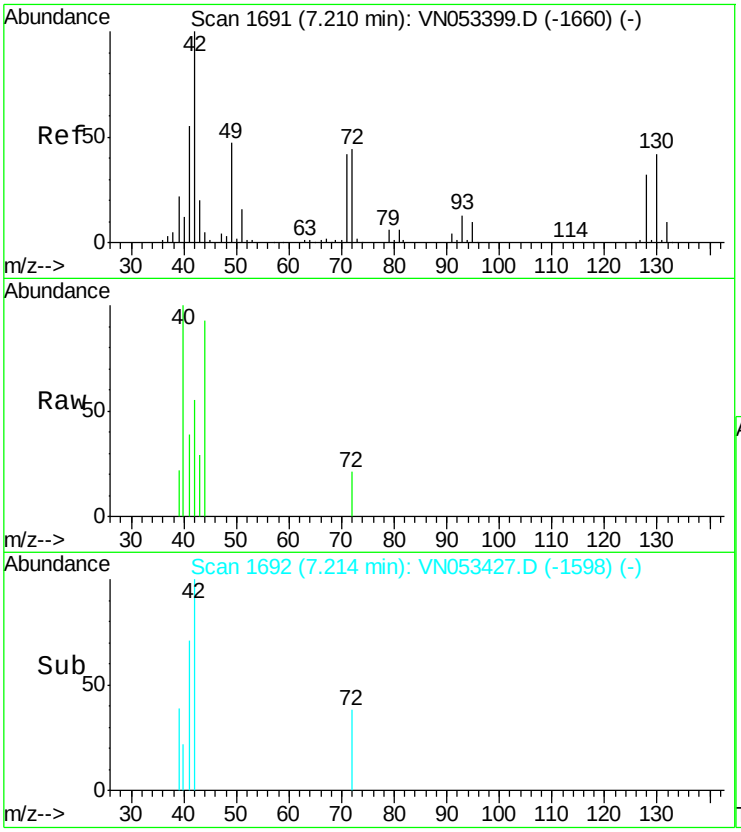


#25
2-Butanone
Concen: 2.229 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 43 Resp: 7239

Ion	Ratio	Lower	Upper
43	100		
72	28.8	22.0	33.0



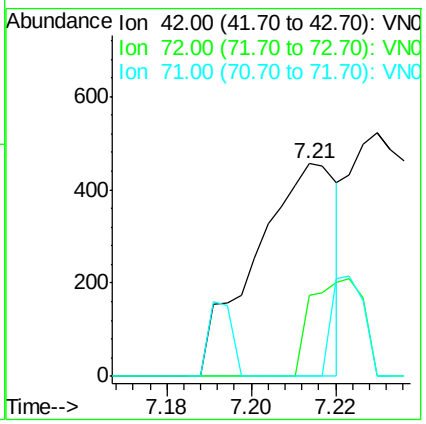


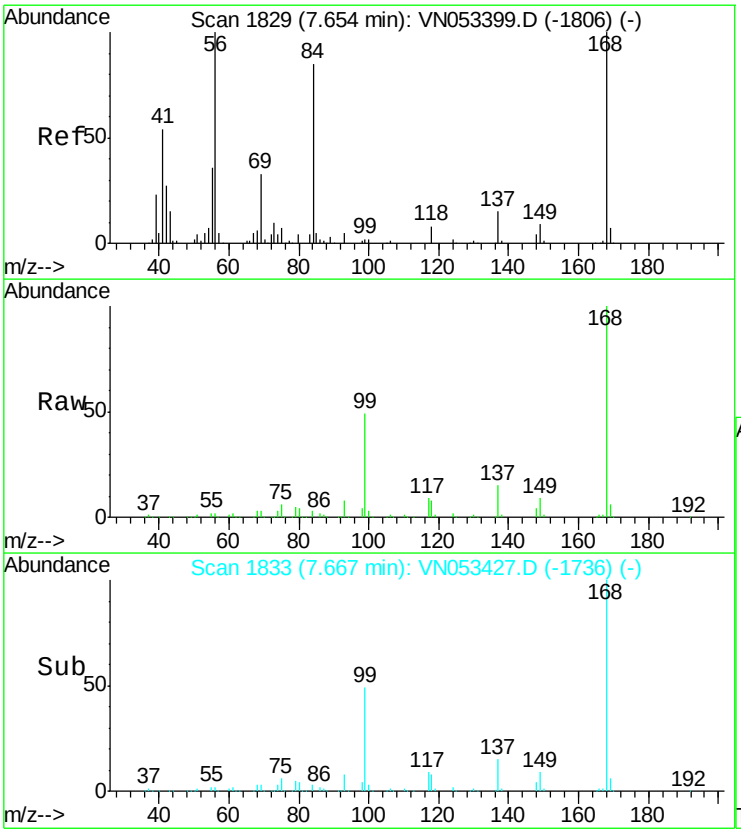
#29
Tetrahydrofuran
Concen: 0.288 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion: 42 Resp: 610

Ion	Ratio	Lower	Upper
42	100		
72	29.3	35.2	52.8#
71	18.5	33.0	49.4#

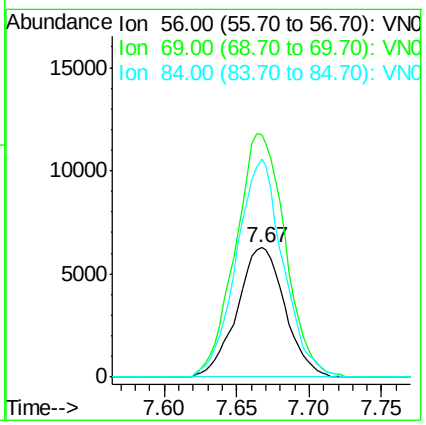


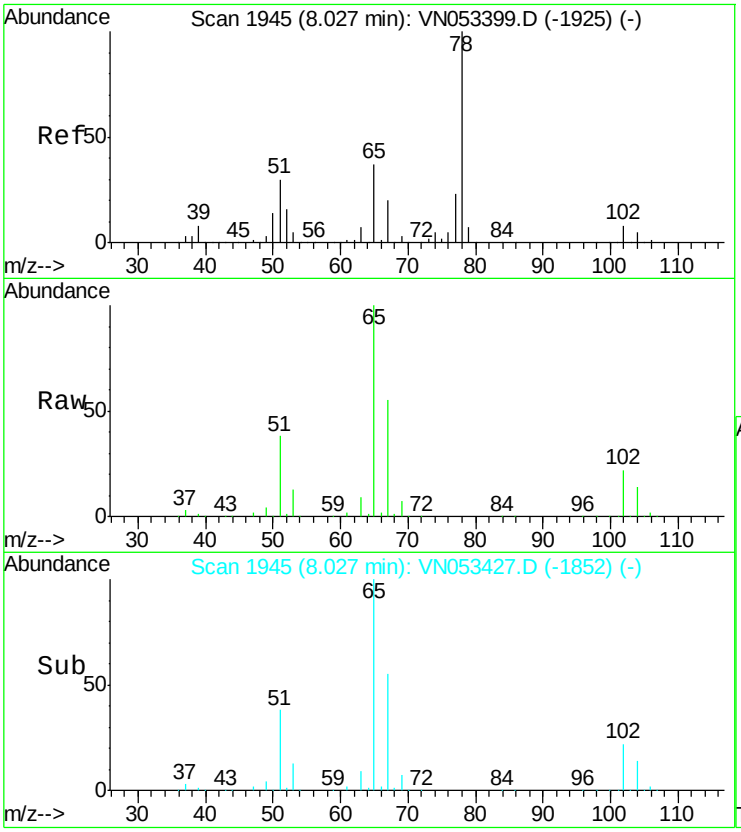


#31
Cyclohexane
Concen: 0.692 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 56 Resp: 14410

Ion	Ratio	Lower	Upper
56	100		
69	186.9	26.4	39.6#
84	168.4	67.9	101.9#



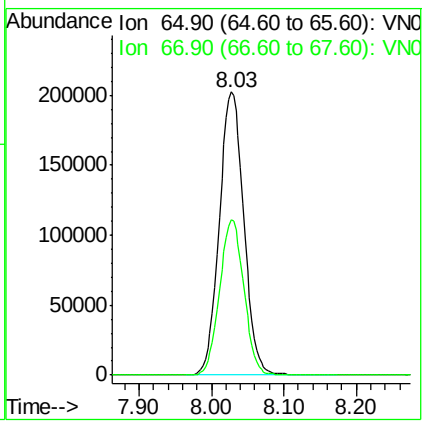


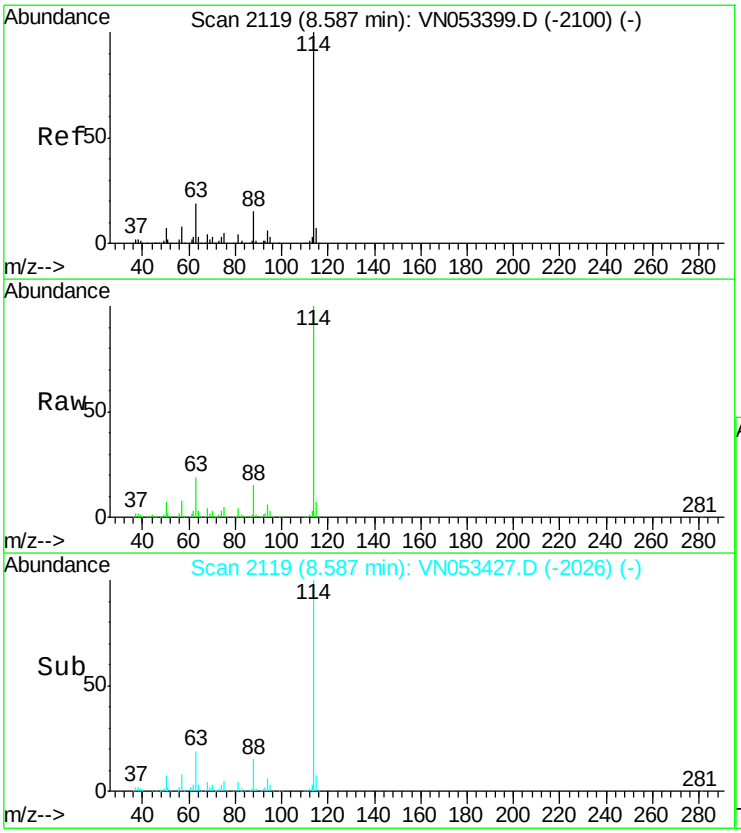
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion: 65 Resp: 474745

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.2

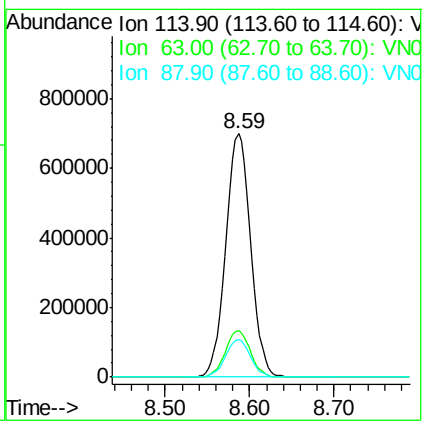


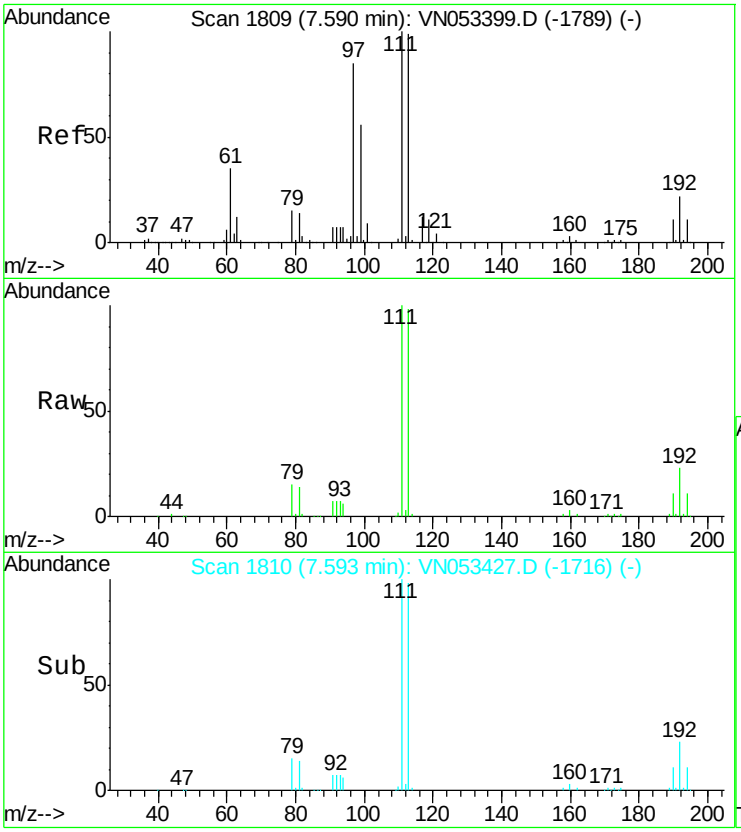


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion:114 Resp: 1434063

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.6
88	15.4	0.0	30.4



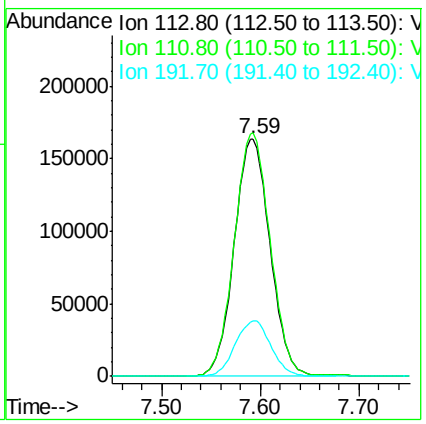


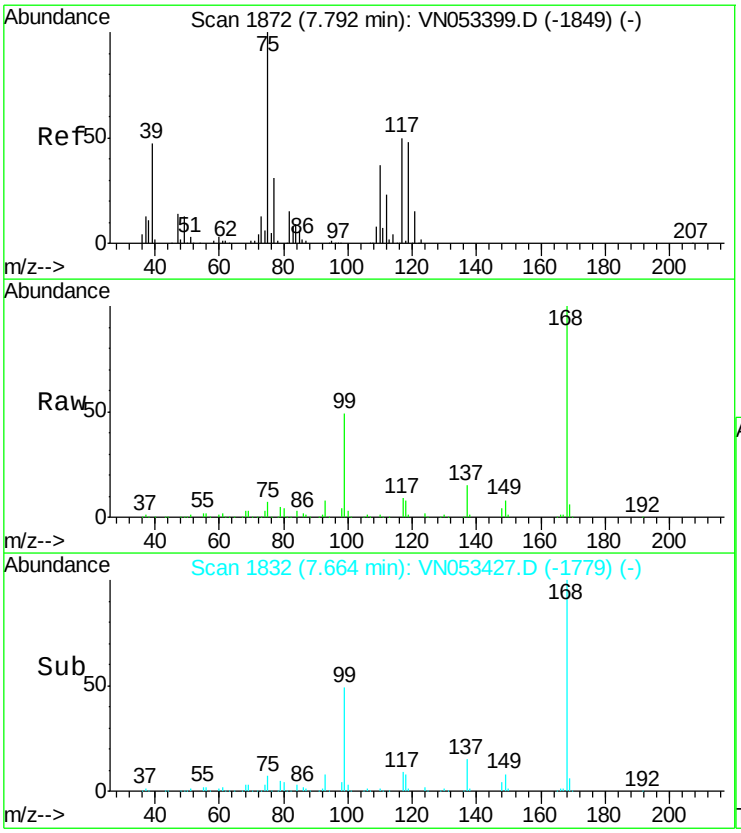
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion:113 Resp: 412646

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.3	18.2	27.2

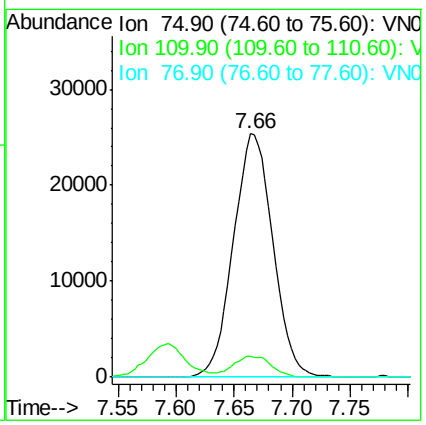


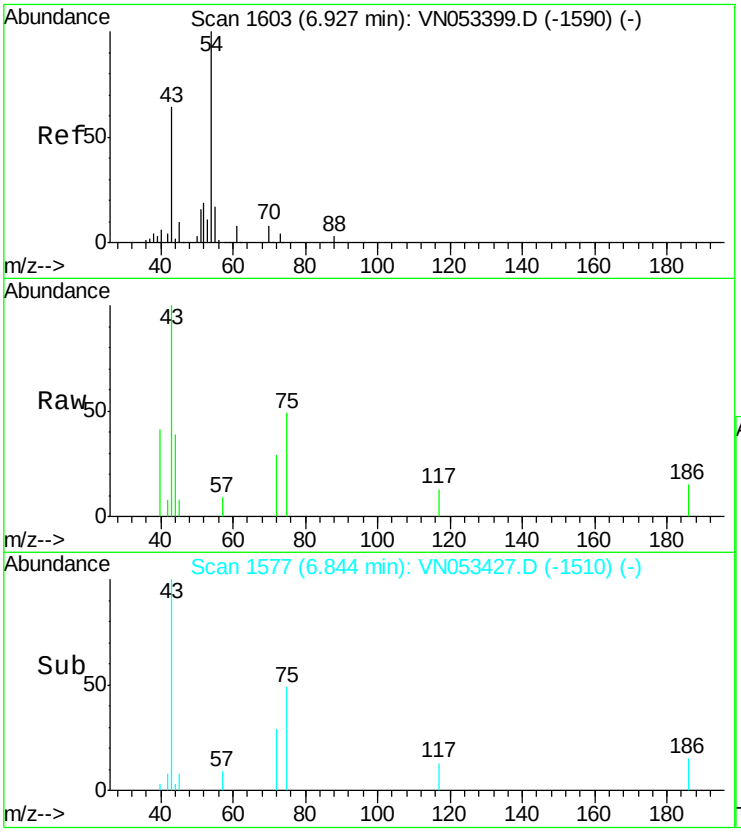


#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 75 Resp: 60201

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.3#
77	0.0	25.1	37.7#



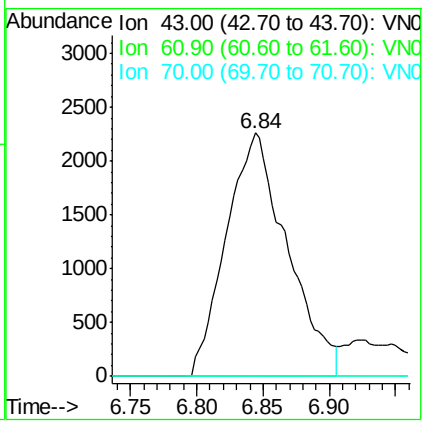


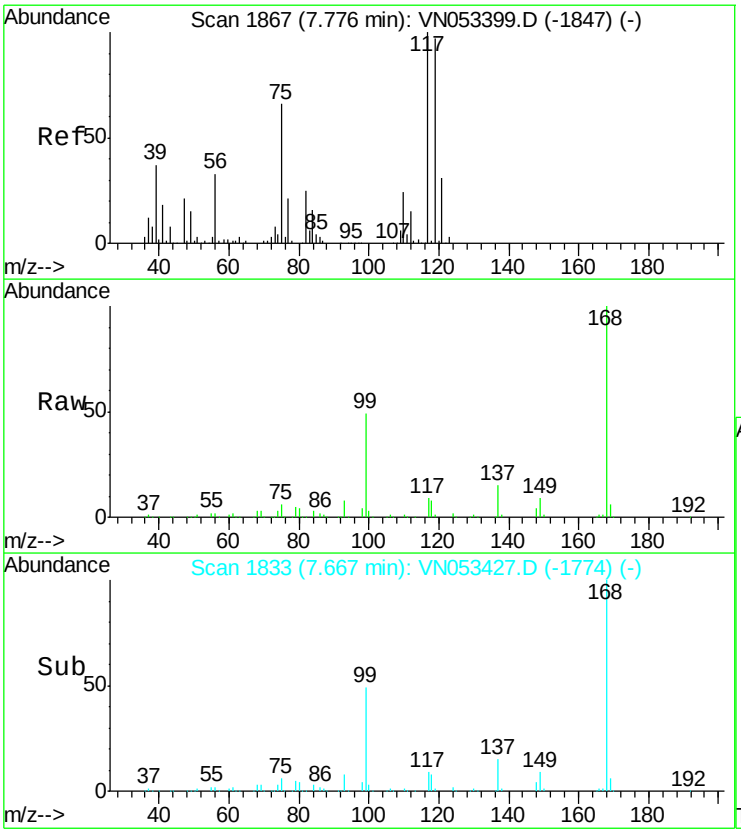
#37
Ethyl Acetate
Concen: 0.963 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. -0.08 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion: 43 Resp: 7239

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	8.6	12.8#

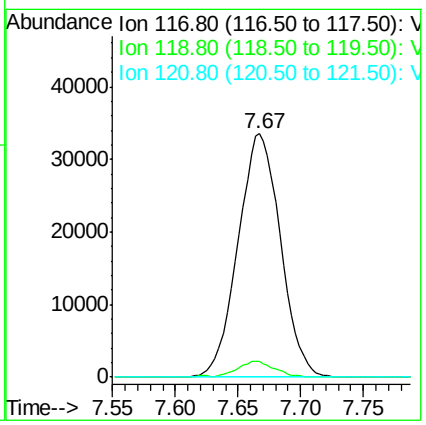


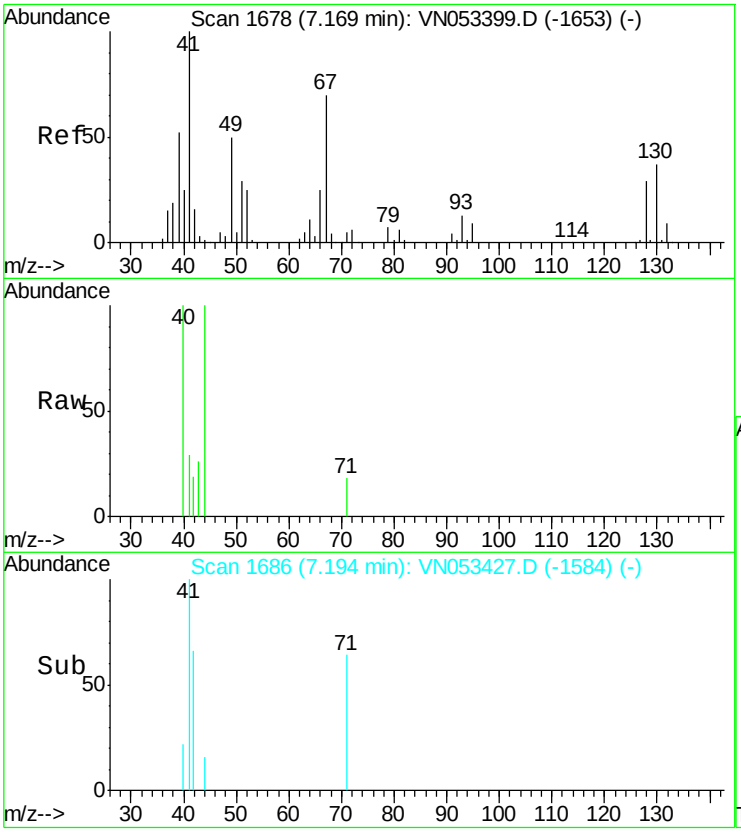


#38
Carbon Tetrachloride
Concen: 6.375 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion:117 Resp: 78824

Ion	Ratio	Lower	Upper
117	100		
119	6.4	77.2	115.8#
121	0.0	24.6	37.0#



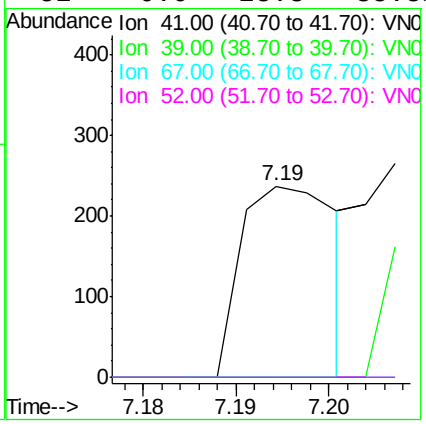


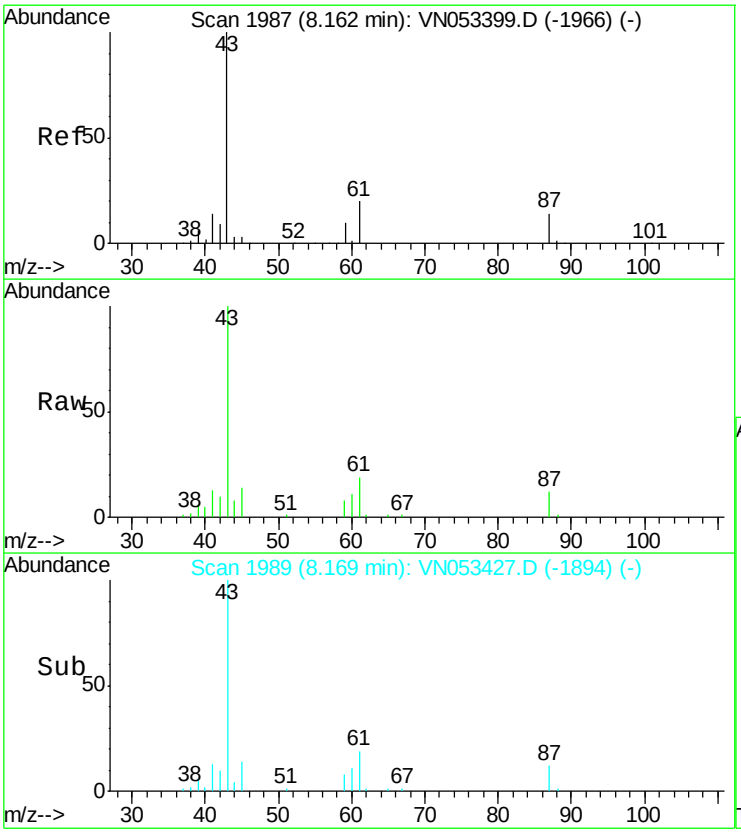
#41
Methacrylonitrile
Concen: 0.705 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion: 41 Resp: 170

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#

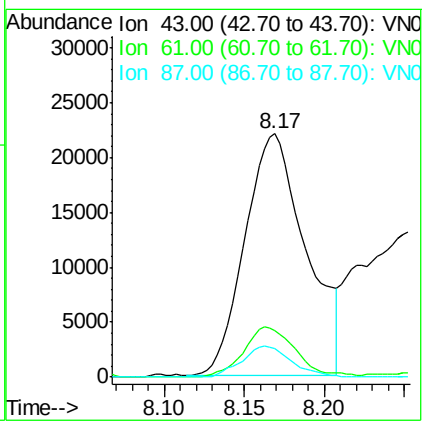


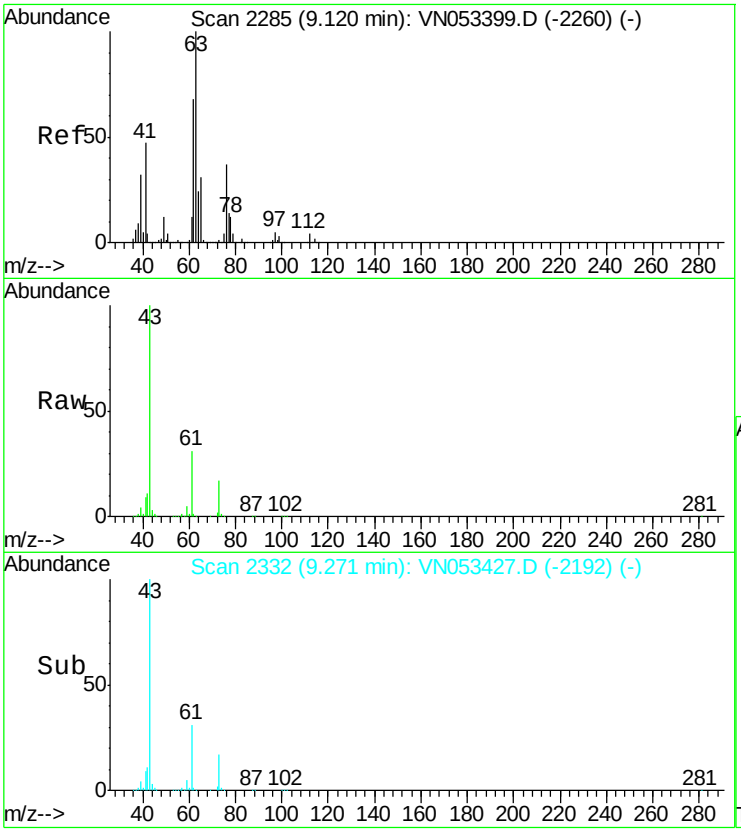


#43
Isopropyl Acetate
Concen: 4.287 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 43 Resp: 57924

Ion	Ratio	Lower	Upper
43	100		
61	17.6	23.9	35.9#
87	10.4	11.0	16.6#



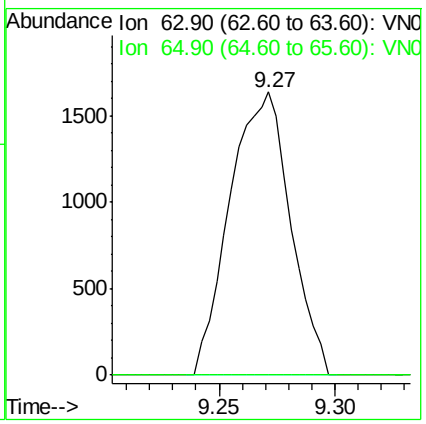


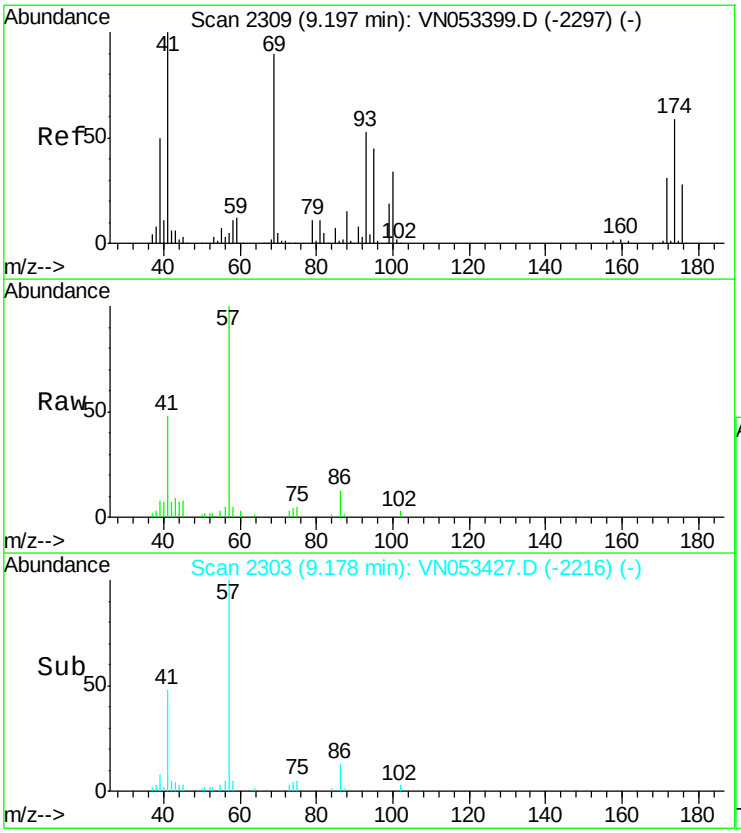
#45
1,2-Dichloropropane
Concen: 0.283 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion: 63 Resp: 2974

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

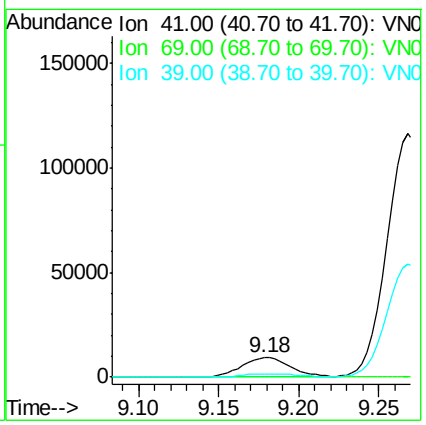


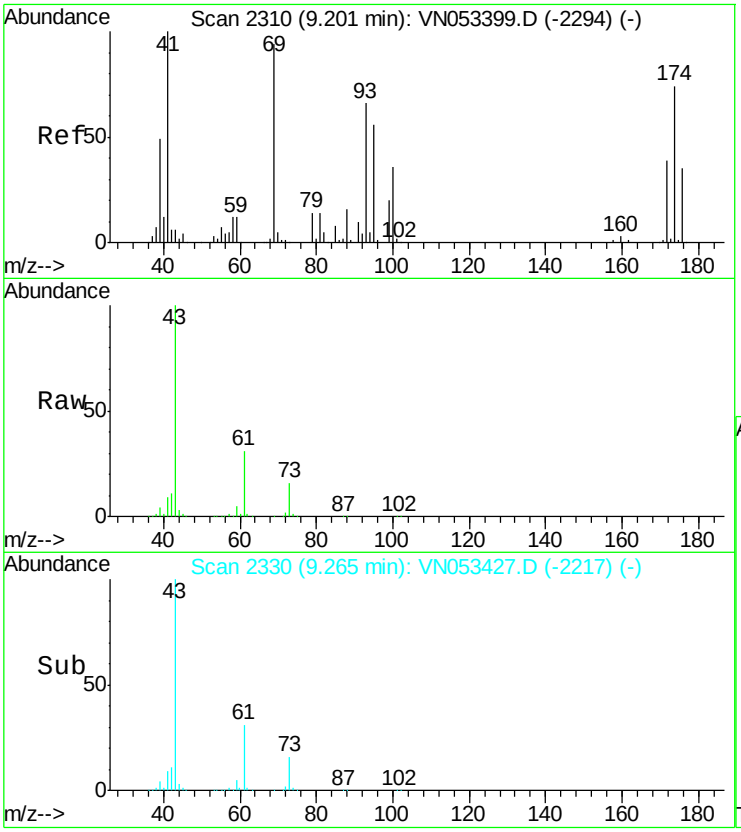


#48
Methyl methacrylate
Concen: 2.824 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 41 Resp: 19701

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	19.6	40.0	60.0#



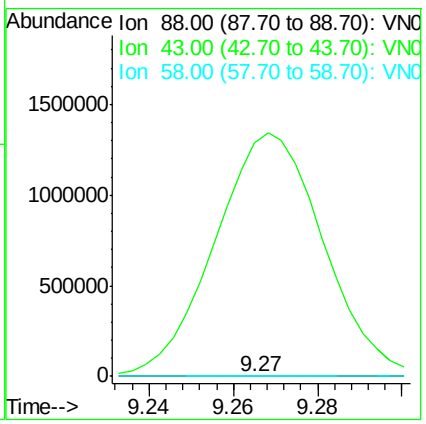


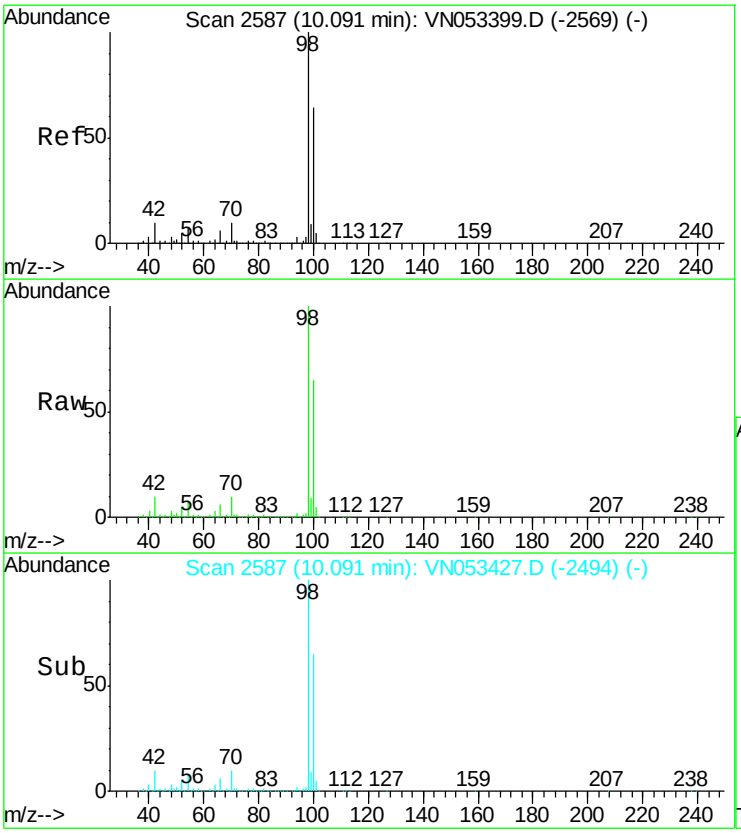
#49
1,4-Dioxane
Concen: 6.502 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion: 88 Resp: 443

Ion	Ratio	Lower	Upper
88	100		
43	546609.3	27.8	41.6#
58	2381.3	56.5	84.7#

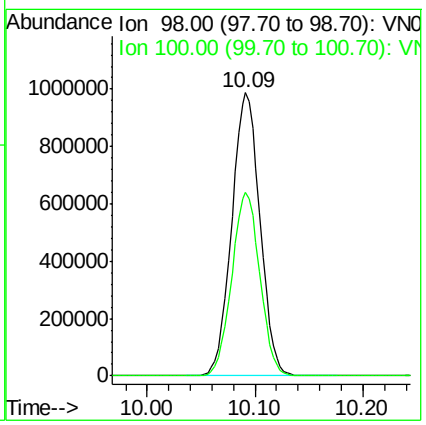


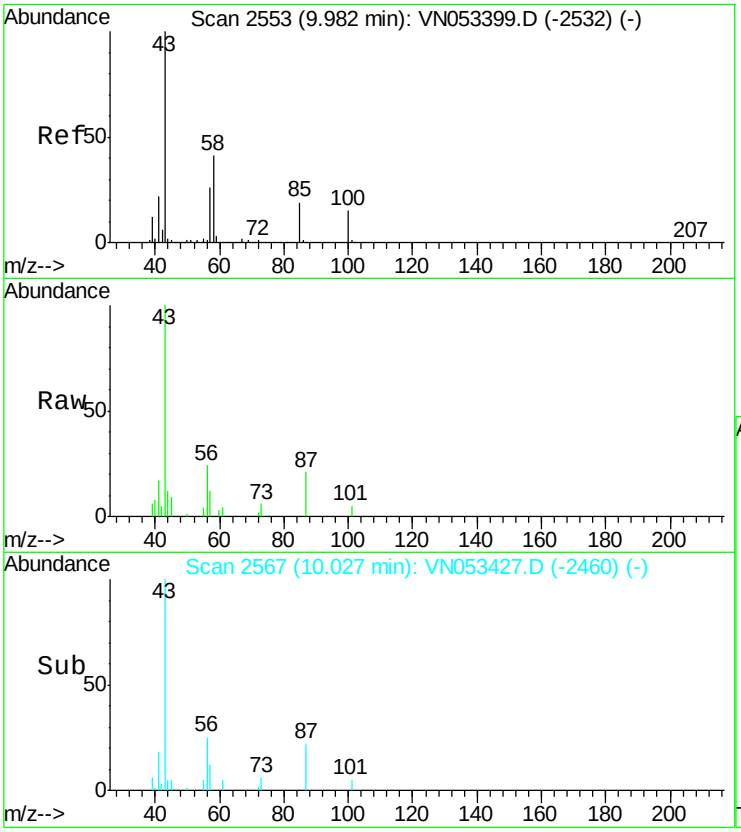


#50
Toluene-d8
Concen: 6.502 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 98 Resp: 1796437

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0



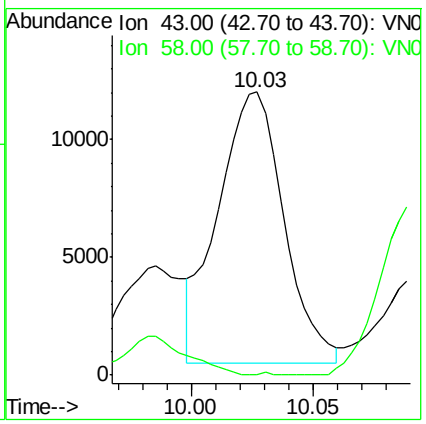


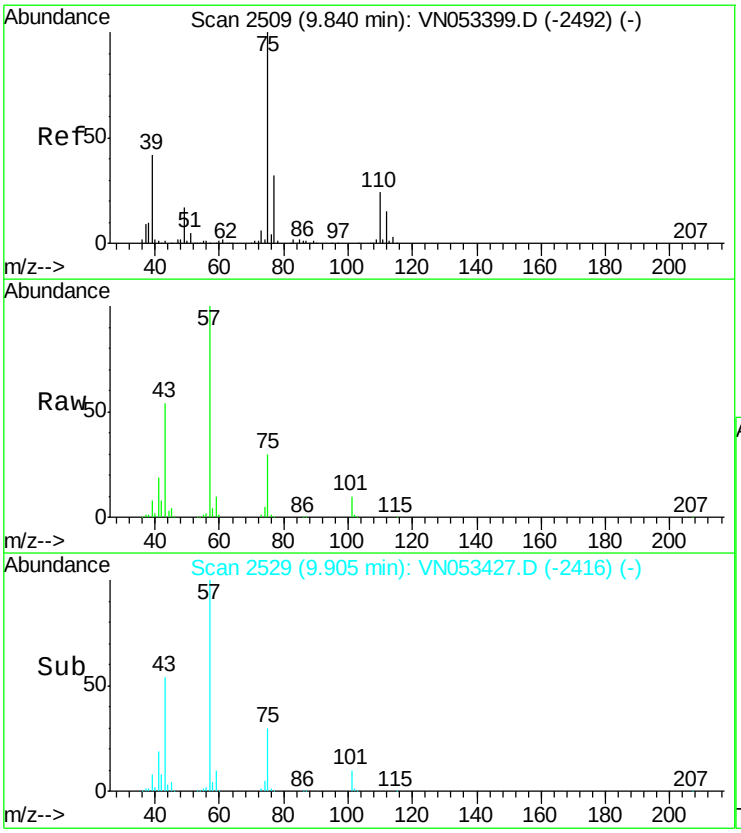
#51
4-Methyl-2-Pentanone
Concen: 2.916 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.05 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion: 43 Resp: 21504

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#

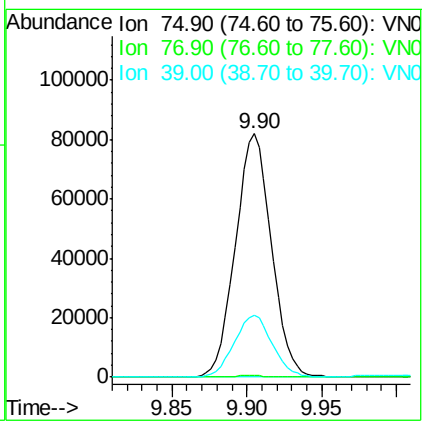


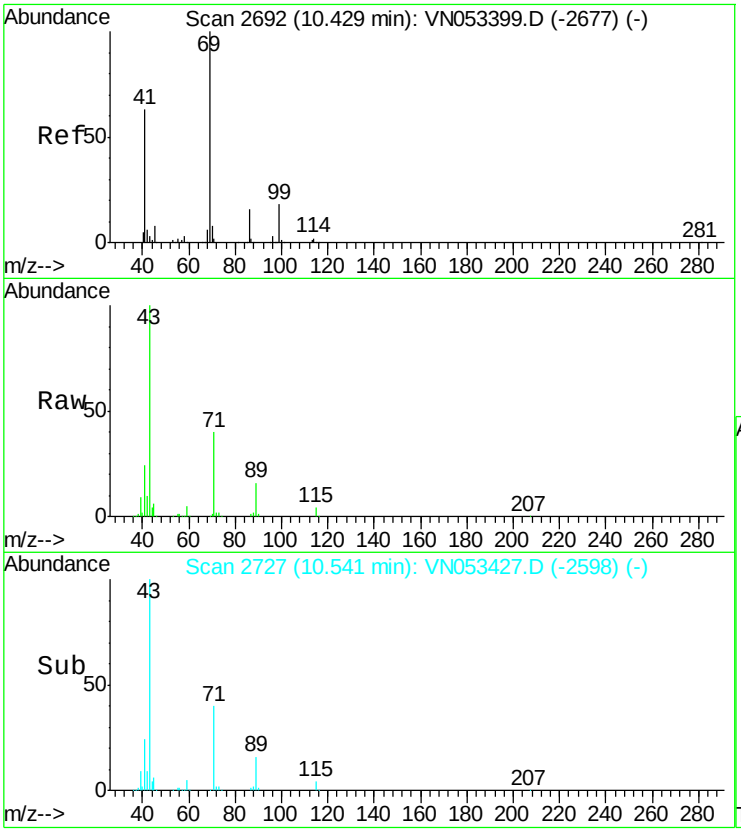


#54
cis-1,3-Dichloropropene
Concen: 9.098 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 75 Resp: 137297

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	25.4	33.4	50.0#



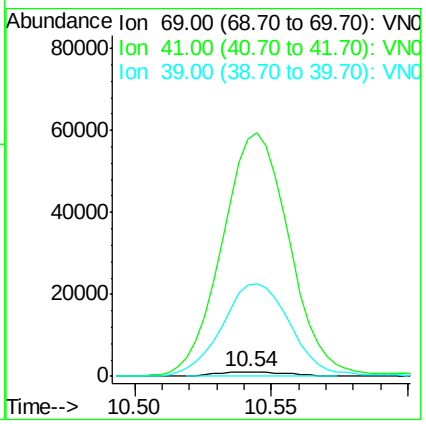


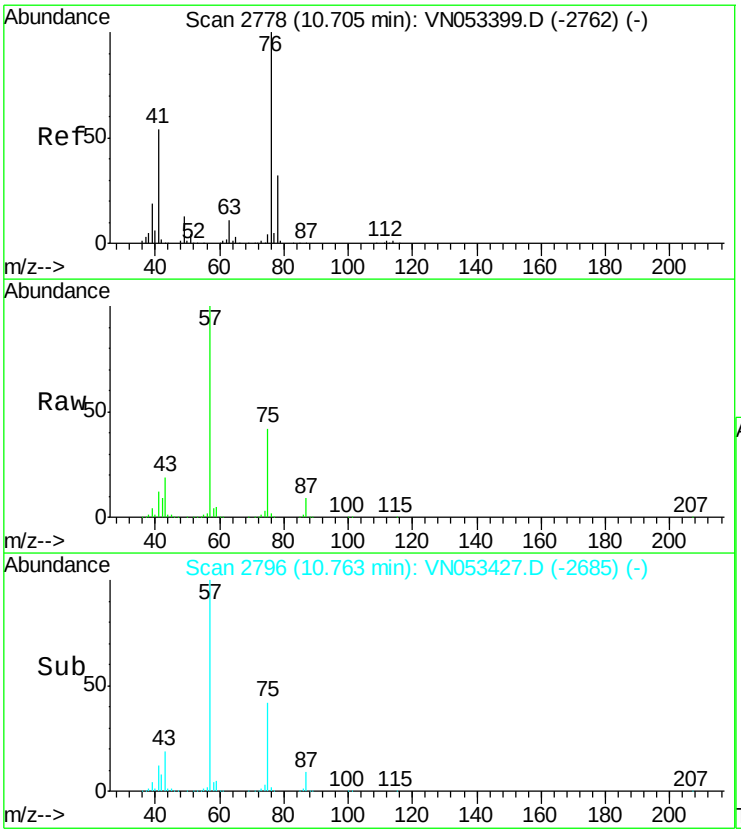
#56
Ethyl methacrylate
Concen: 2.215 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.11 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion: 69 Resp: 1975

Ion	Ratio	Lower	Upper
69	100		
41	5185.8	49.4	74.0#
39	2017.6	23.3	34.9#

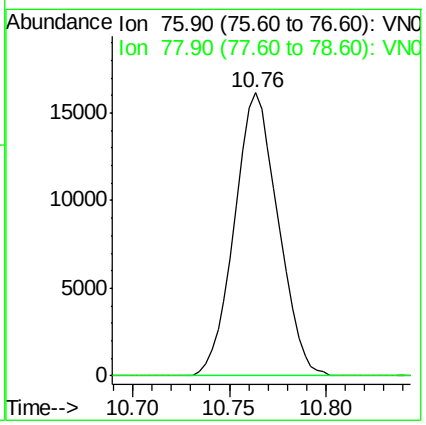


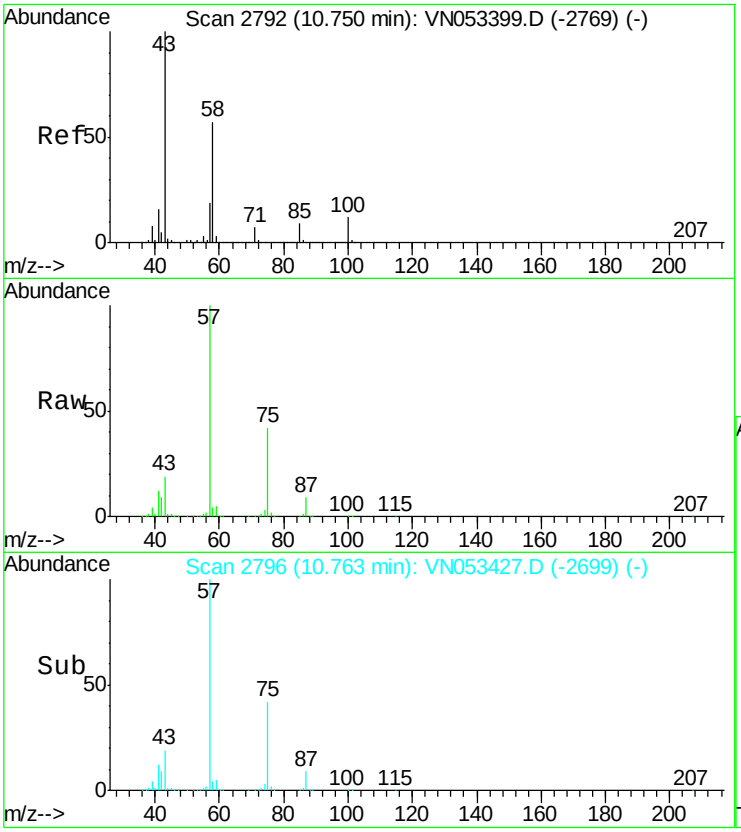


#57
1,3-Dichloropropane
Concen: 1.726 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 76 Resp: 25364

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



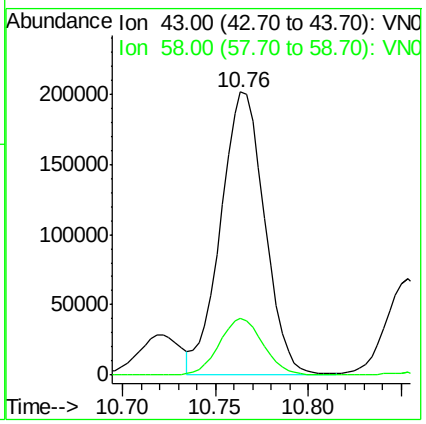


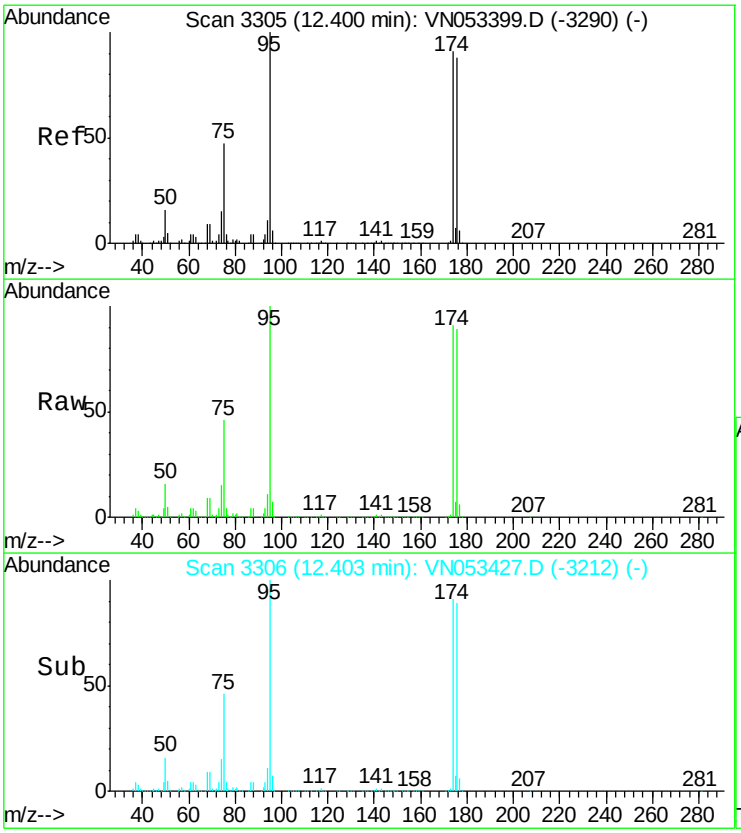
#59
2-Hexanone
Concen: 63.522 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion: 43 Resp: 328889

Ion	Ratio	Lower	Upper
43	100		
58	20.2	28.6	85.8#

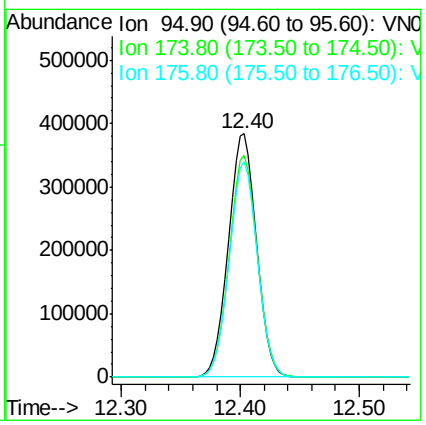


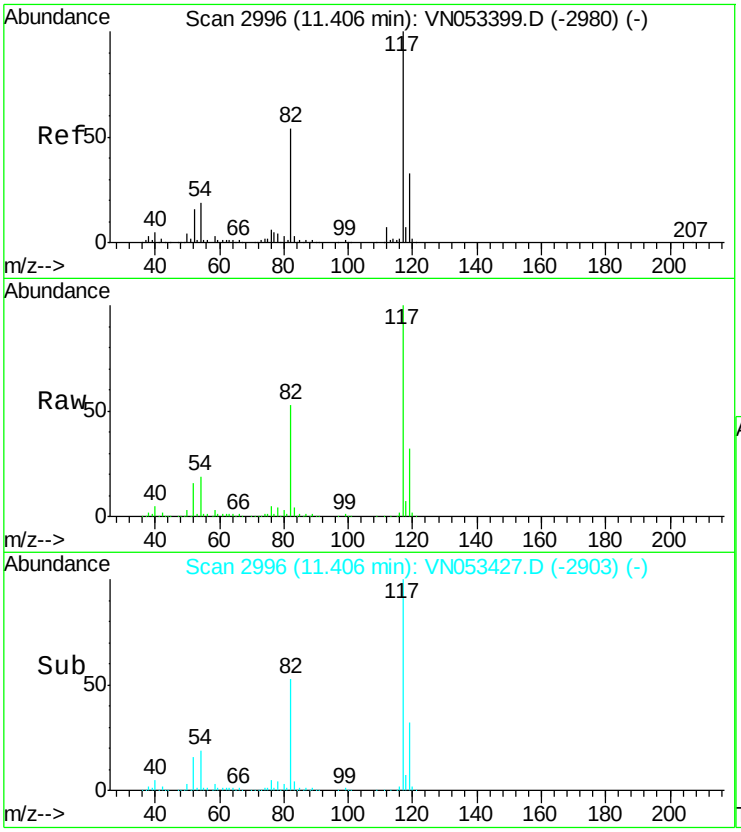


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 95 Resp: 629154

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	183.2
176	88.2	0.0	177.4



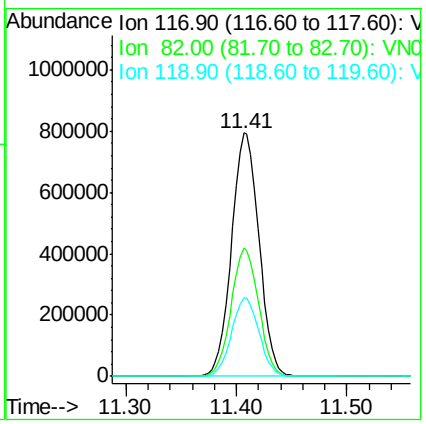


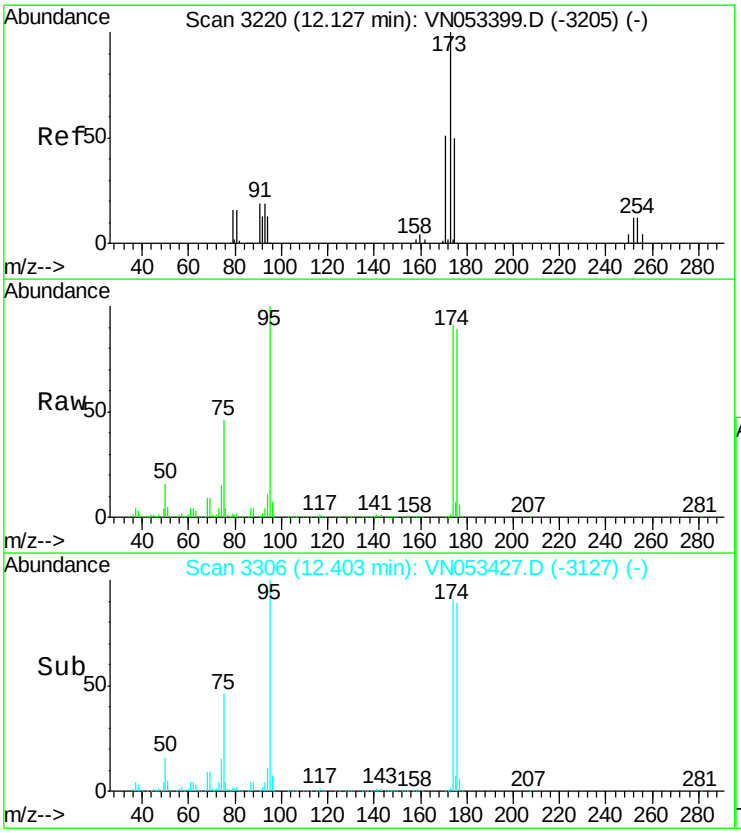
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion:117 Resp: 1368077

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.1	26.0	39.0

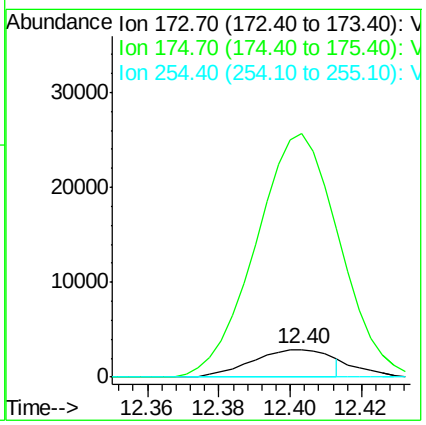


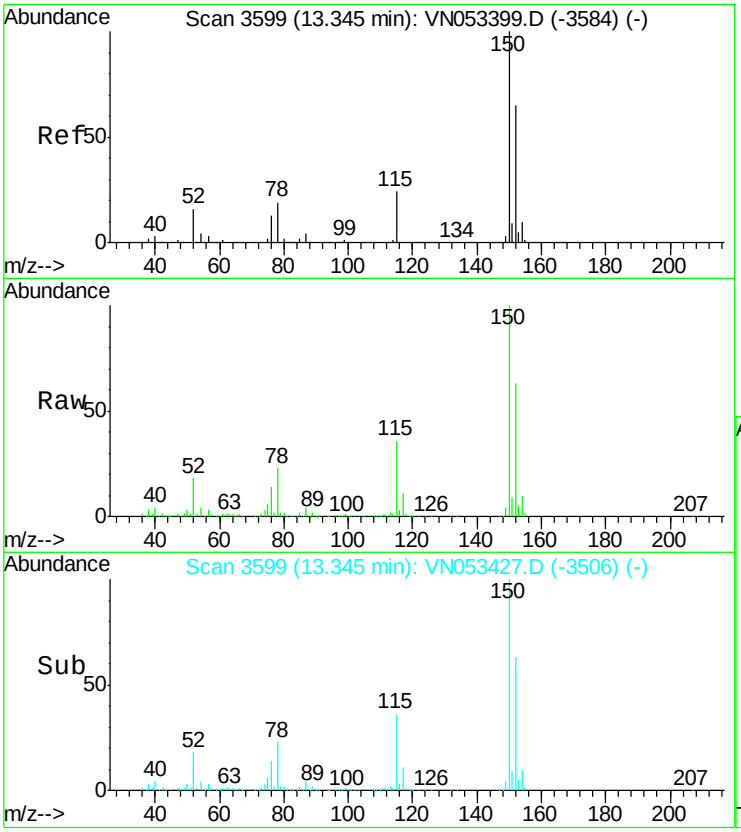


#71
Bromoform
Concen: 0.637 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion:173 Resp: 4419

Ion	Ratio	Lower	Upper
173	100		
175	824.4	24.6	74.0#
254	0.0	0.2	0.2#



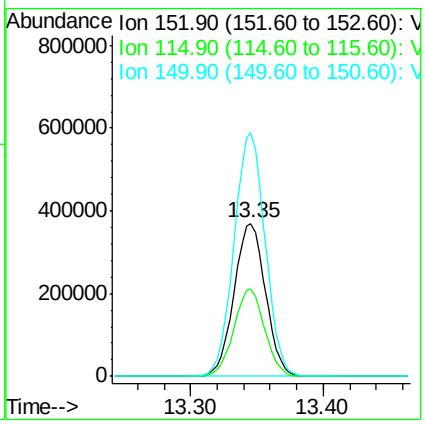


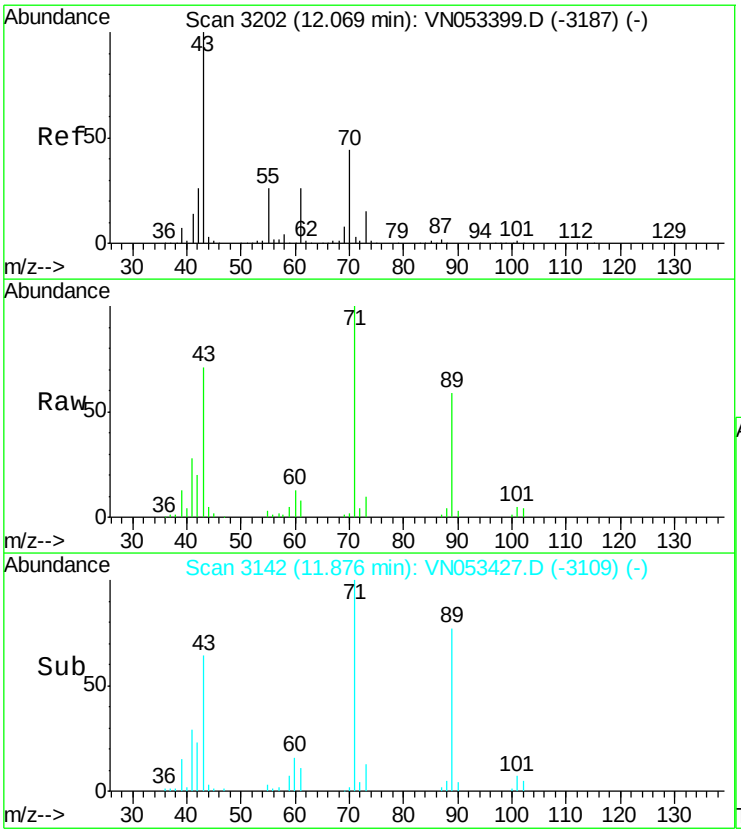
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion:152 Resp: 605302

Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.8	83.4
150	158.6	0.0	349.0

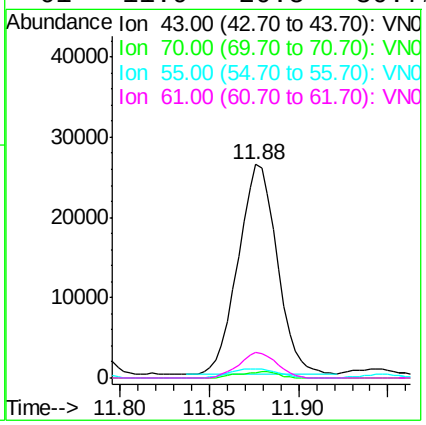


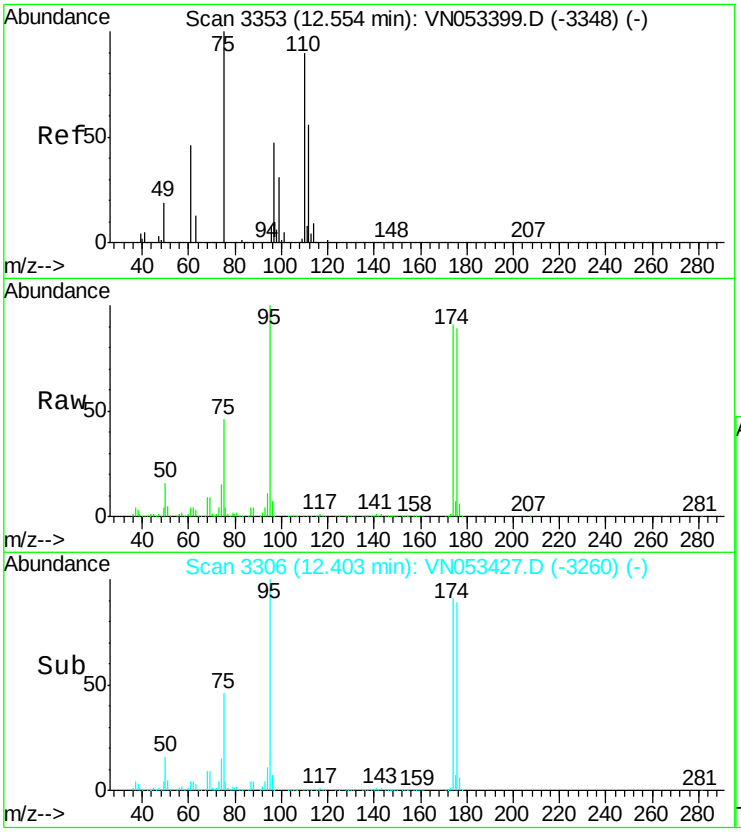


#74
N-amyl acetate
Concen: 3.370 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion: 43 Resp: 39819

Ion	Ratio	Lower	Upper
43	100		
70	3.1	35.4	53.2#
55	5.4	20.9	31.3#
61	11.9	20.5	30.7#



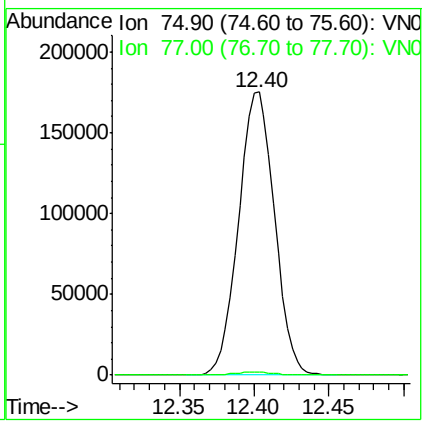


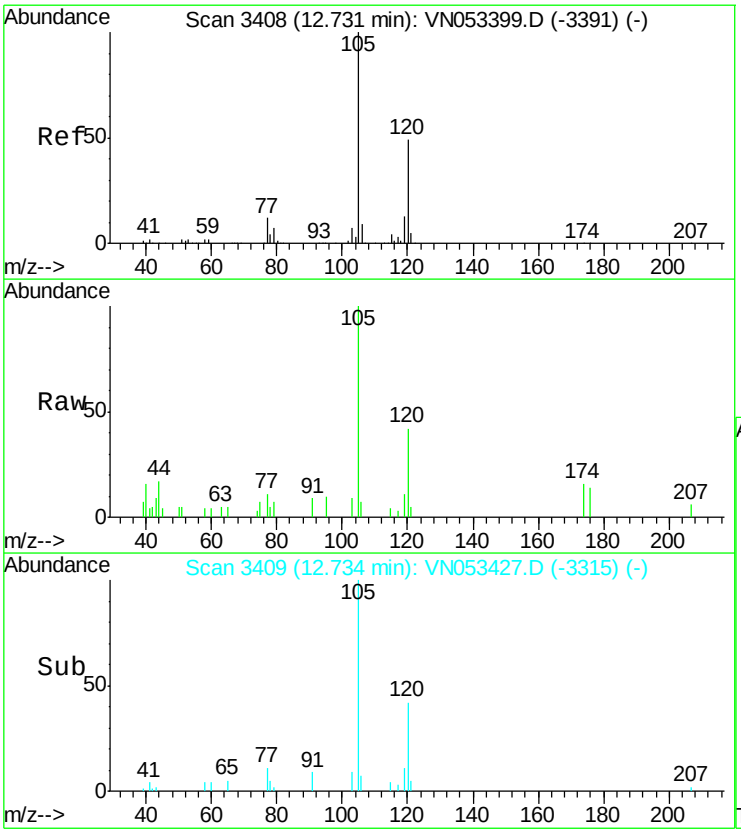
#76
1,2,3-Trichloropropane
Concen: 36.748 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#10

Tgt Ion: 75 Resp: 293130

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

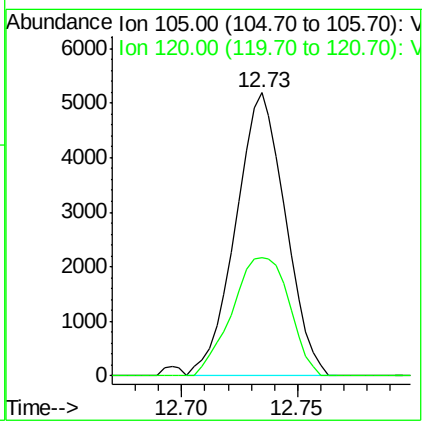


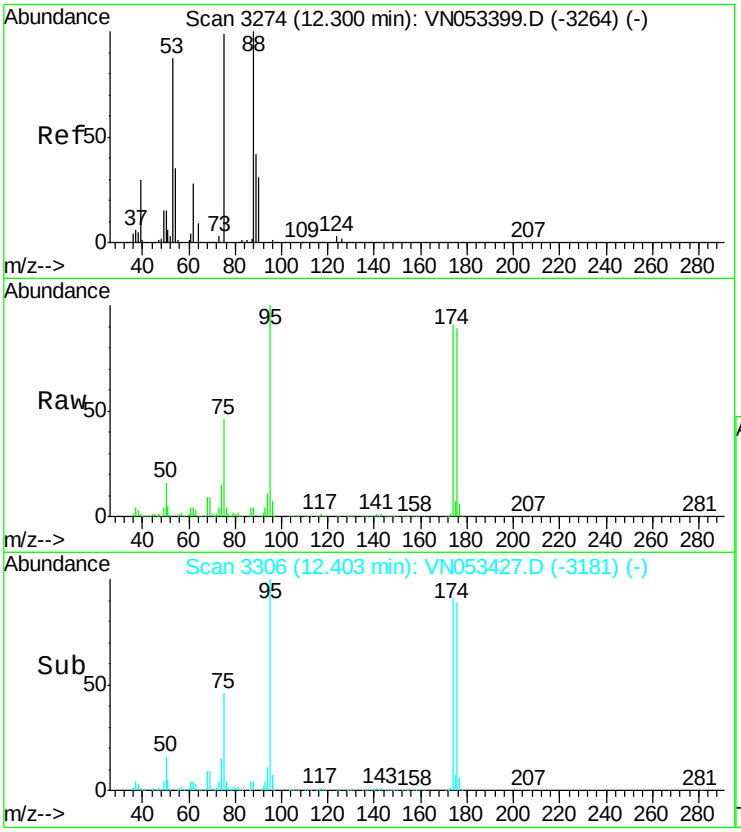


#80
1,3,5-Trimethylbenzene
Concen: 0.215 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion:105 Resp: 7738

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.9	74.6



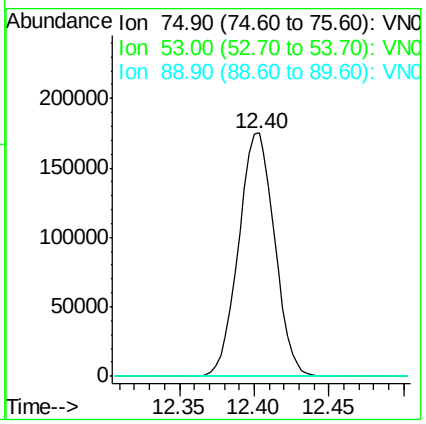


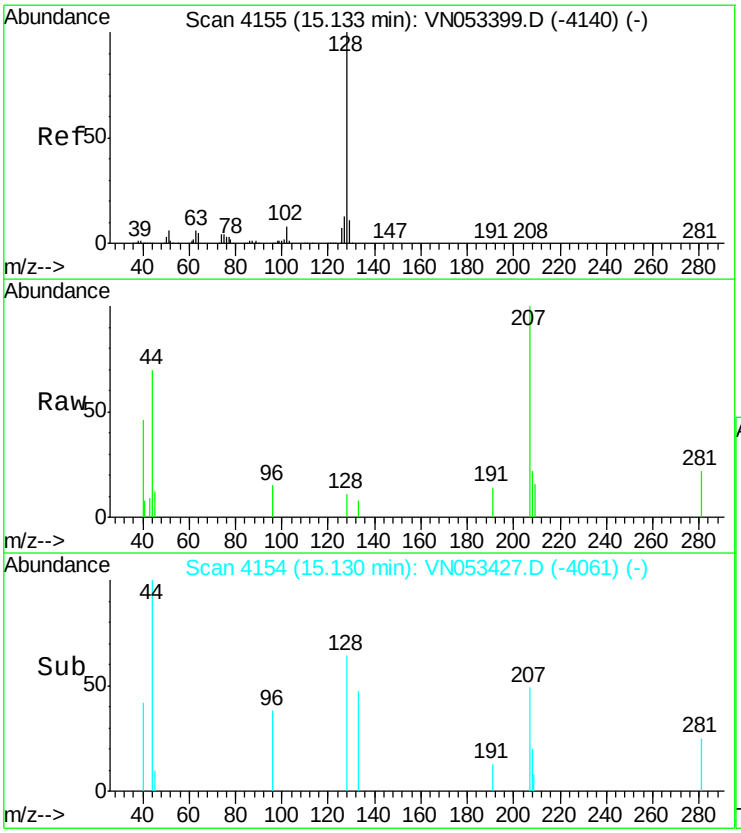
#81
trans-1,4-Dichloro-2-butene
Concen: 90.822 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#10

Tgt Ion: 75 Resp: 293130

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#





#95
Naphthalene
Concen: 3.953 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN053427.D
Acq: 16 Jan 2019 16:08

Tgt Ion:128 Resp: 223

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#