Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101619\
Data File : VN058798.D
Acq On : 16 Oct 2019 13:58
Operator : JC/SP
Sample : K5326-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 17 01:32:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	381498	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	594497	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	518819	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209478	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	266936	49.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.96%				
35) Dibromofluoromethane	7.57	113	192272	52.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.72%				
50) Toluene-d8	10.08	98	737654	50.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.46%				
62) 4-Bromofluorobenzene	12.40	95	239293	43.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.10%				
Target Compounds							Qvalue
13) Acrolein	3.60	56	1078	1.550	ug/l		97
14) Allyl chloride	4.03	41	17502	2.367	ug/l		87
16) Acetone	3.80	43	60417	27.324	ug/l		99
17) Carbon Disulfide	4.03	76	6631	0.566	ug/l	#	94
18) Methyl Acetate	4.31	43	6011	1.072	ug/l		99
25) 2-Butanone	6.81	43	113485	35.509	ug/l		99
29) Tetrahydrofuran	7.21	42	1572	0.761	ug/l	#	52
31) Cyclohexane	7.65	56	9401	1.200	ug/l	#	14
36) 1,1-Dichloropropene	7.65	75	33251	5.532	ug/l	#	51
37) Ethyl Acetate	6.81	43	113485	18.669	ug/l	#	70
38) Carbon Tetrachloride	7.65	117	38758	6.616	ug/l	#	17
39) Methylcyclohexane	9.08	83	1856	0.266	ug/l		93
41) Methacrylonitrile	7.19	41	760	0.267	ug/l	#	7
51) 4-Methyl-2-Pentanone	9.98	43	9095	1.564	ug/l		98
52) Toluene	10.15	92	3817	0.362	ug/l		96
59) 2-Hexanone	10.75	43	6106	1.359	ug/l		86
71) Bromoform	12.40	173	1486	0.520	ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	130379	28.371	ug/l	#	100
78) n-propylbenzene	12.60	91	4033	0.228	ug/l		87
81) trans-1,4-Dichloro-2-buten	12.40	75	130379	75.998	ug/l	#	11
85) sec-Butylbenzene	13.18	105	4826	0.330	ug/l		86
88) 1,4-Dichlorobenzene	13.37	146	1461	0.211	ug/l	#	25
89) n-Butylbenzene	13.62	91	3559	0.290	ug/l	#	84
90) Hexachloroethane	13.89	117	1099	0.462	ug/l	#	10
93) 1,2,4-Trichlorobenzene	14.92	180	2285	0.565	ug/l	#	25
94) Hexachlorobutadiene	15.01	225	596	0.280	ug/l	#	44
95) Naphthalene	15.13	128	171239	14.726	ug/l		99
96) 1,2,3-Trichlorobenzene	15.30	180	2787	0.706	ug/l	#	55

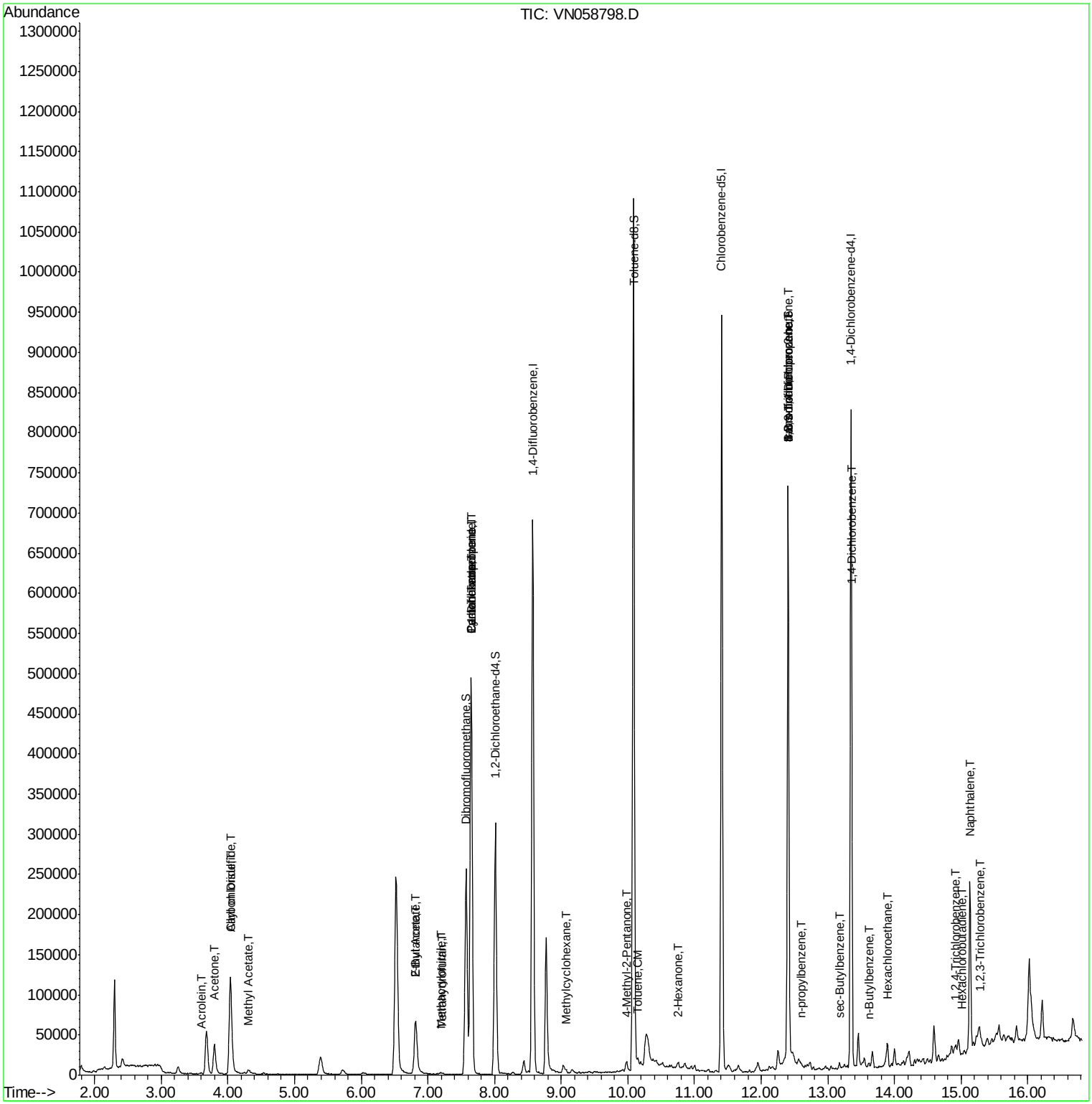
(#) = qualifier out of range (m) = manual integration (+) = signals summed

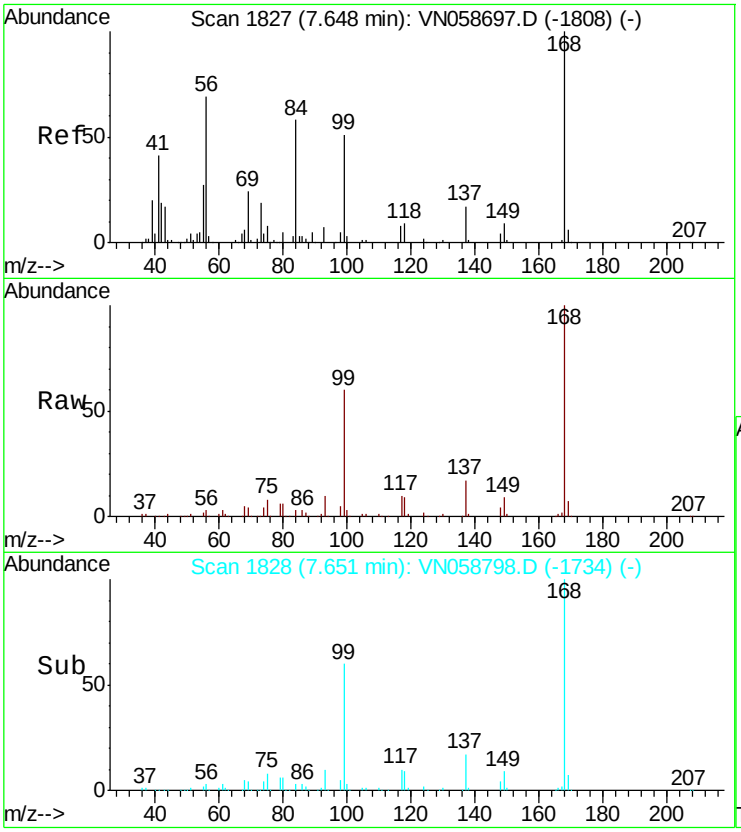
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101619\
Data File : VN058798.D
Acq On : 16 Oct 2019 13:58
Operator : JC/SP
Sample : K5326-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Oct 17 01:32:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration



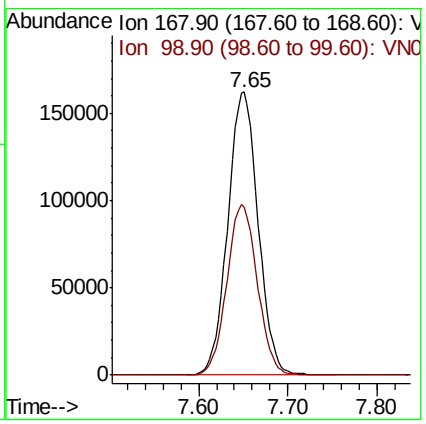


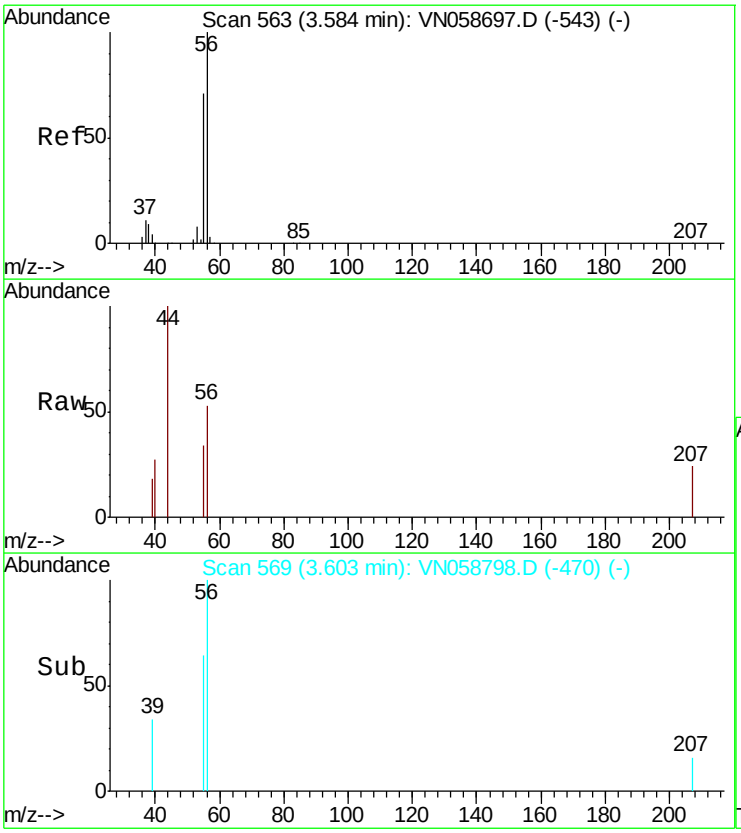
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 381498

Ion	Ratio	Lower	Upper
168	100		
99	59.6	47.5	71.3

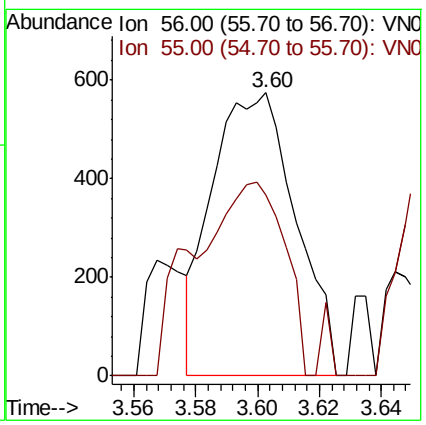


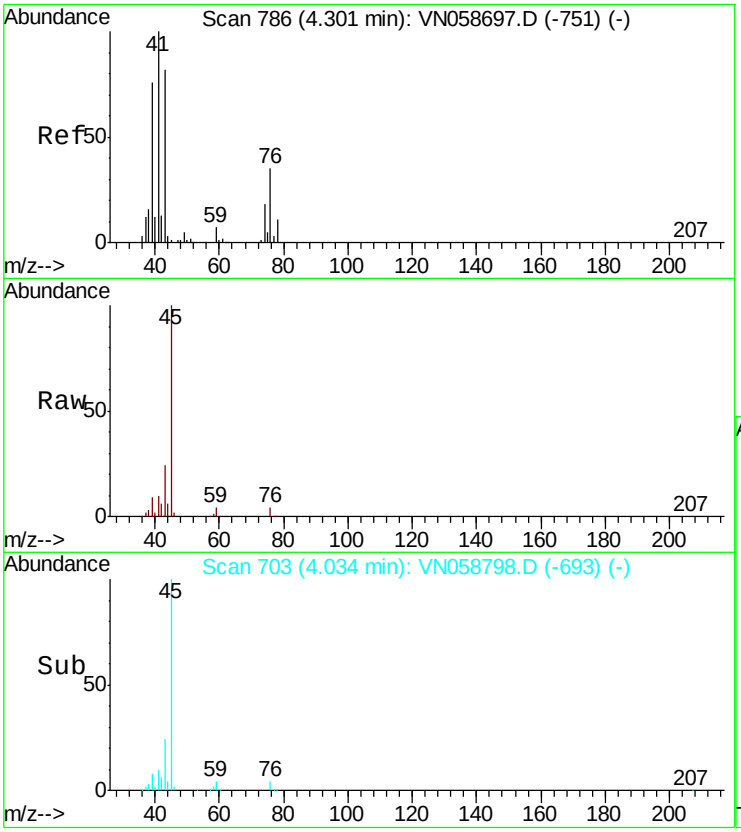


#13
Acrolein
Concen: 1.550 ug/l
RT: 3.60 min Scan# 569
Delta R.T. 0.02 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 56 Resp: 1078

Ion	Ratio	Lower	Upper
56	100		
55	73.6	56.7	85.1



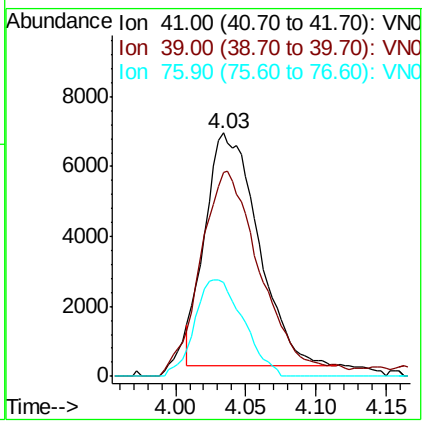


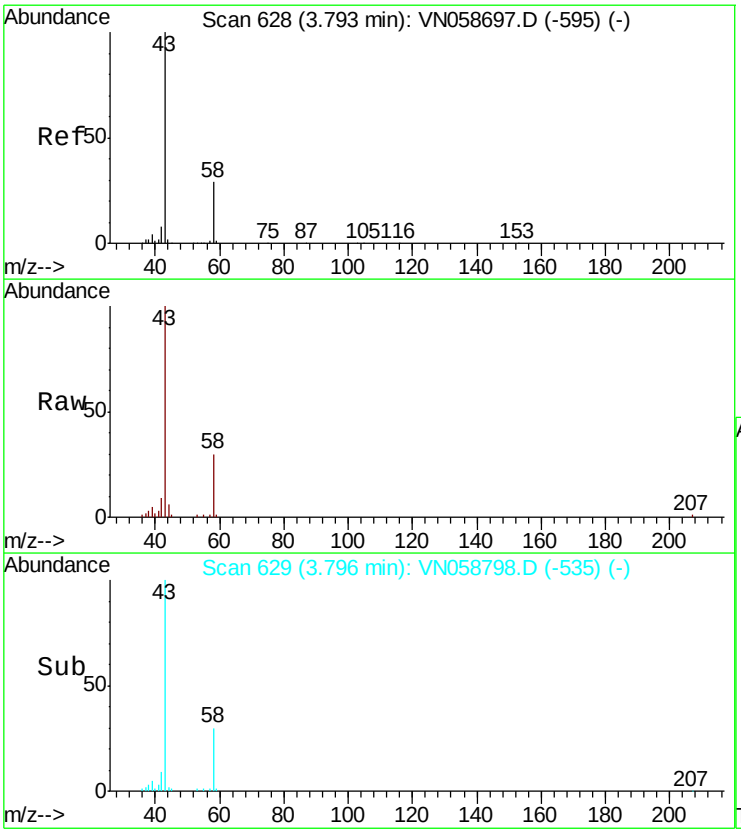
#14
Allyl chloride
Concen: 2.367 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.27 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 17502

Ion	Ratio	Lower	Upper
41	100		
39	83.8	57.2	85.8
76	35.6	25.0	37.6

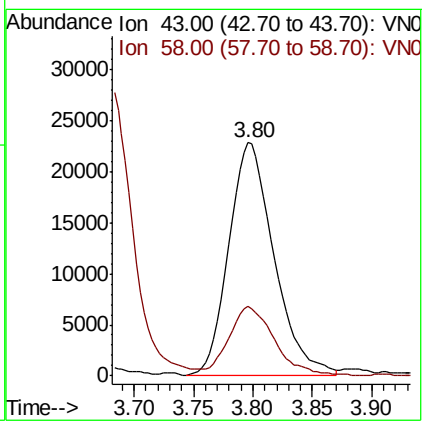


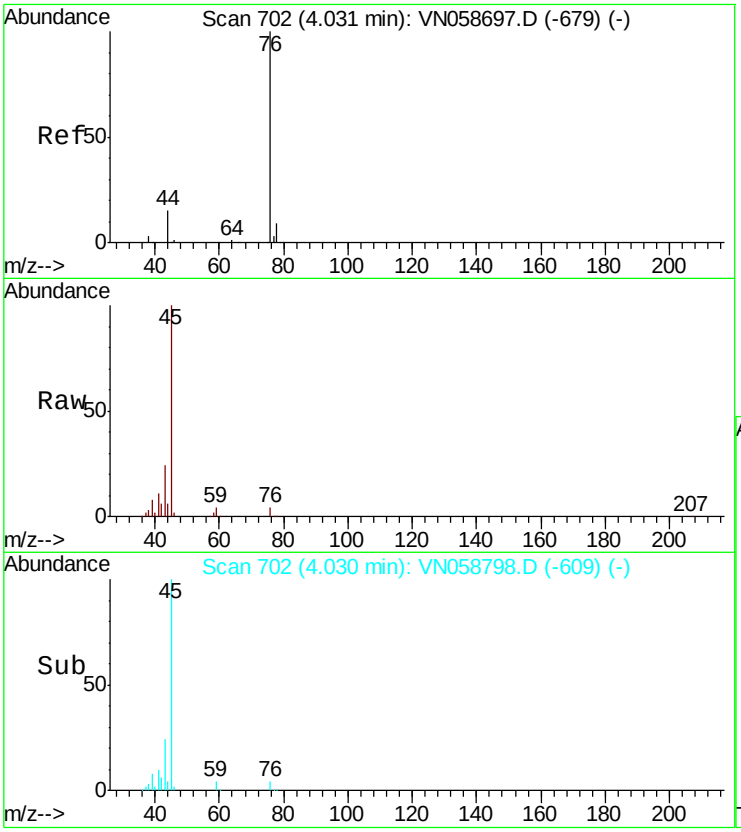


#16
Acetone
Concen: 27.324 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 43 Resp: 60417

Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.3	34.9



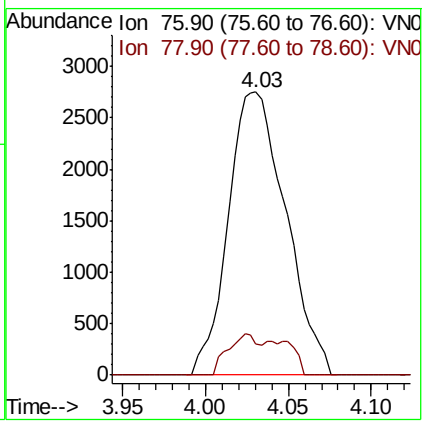


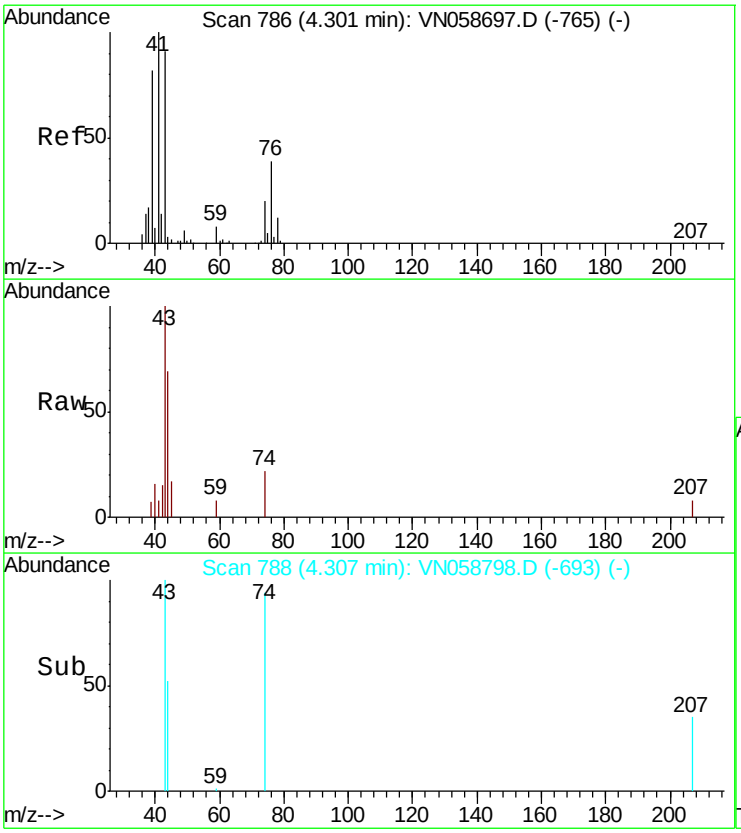
#17
Carbon Disulfide
Concen: 0.566 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 6631

Ion	Ratio	Lower	Upper
76	100		
78	11.2	7.1	10.7#

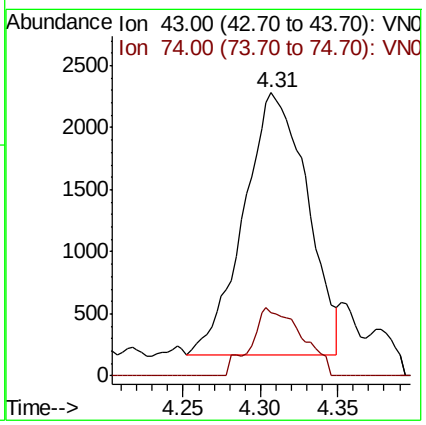


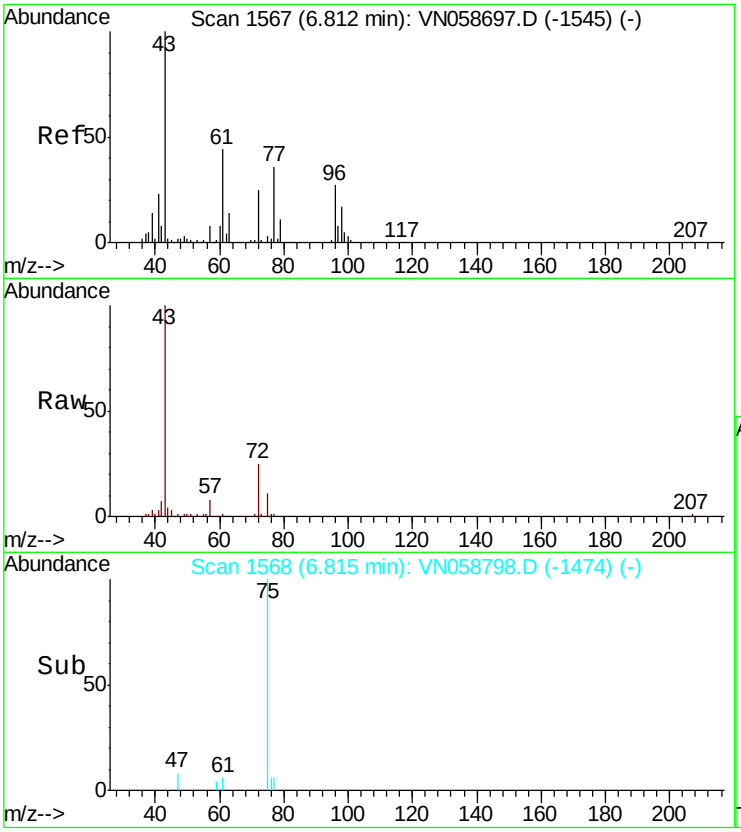


#18
Methyl Acetate
Concen: 1.072 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 43 Resp: 6011

Ion	Ratio	Lower	Upper
43	100		
74	20.9	17.2	25.8



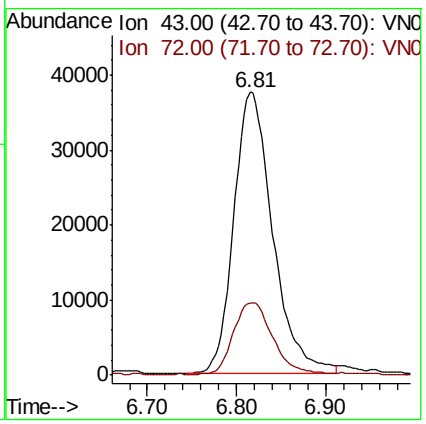


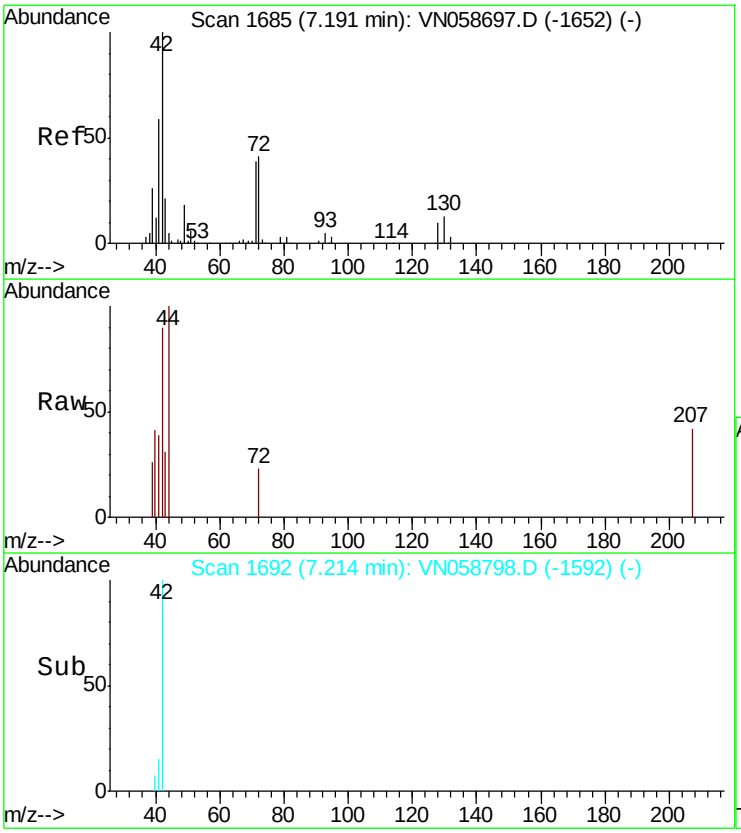
#25
2-Butanone
Concen: 35.509 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 113485

Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.2	30.2

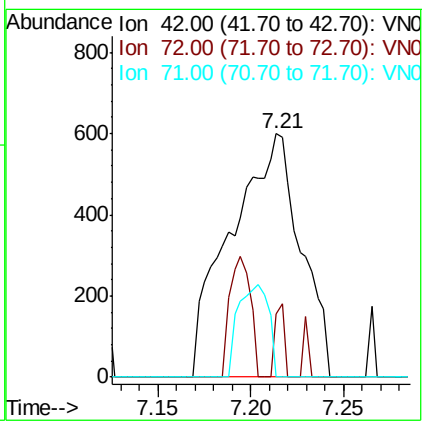


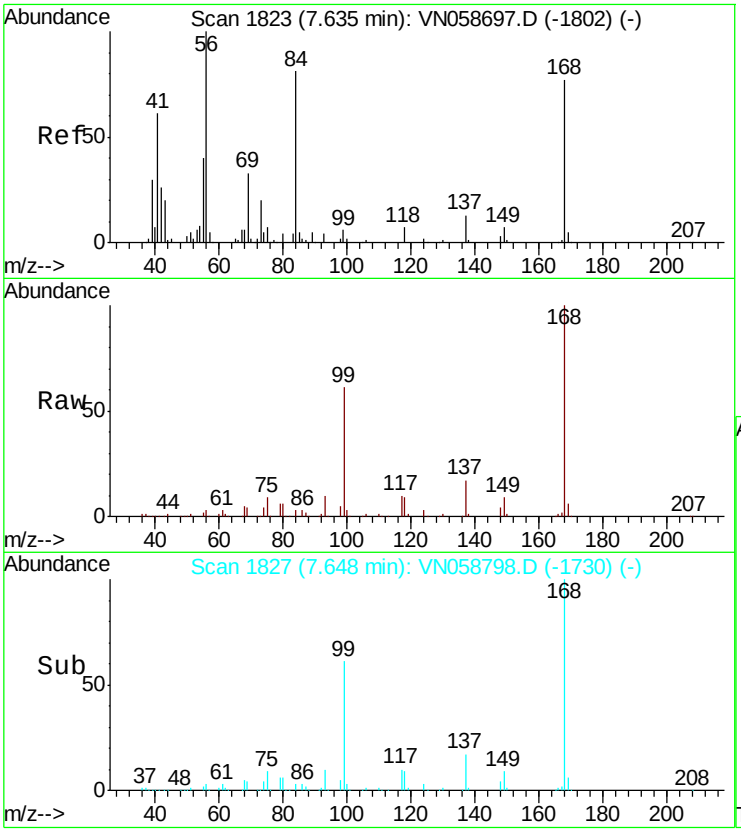


#29
Tetrahydrofuran
Concen: 0.761 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 42 Resp: 1572

Ion	Ratio	Lower	Upper
42	100		
72	4.1	32.8	49.2#
71	16.5	31.1	46.7#



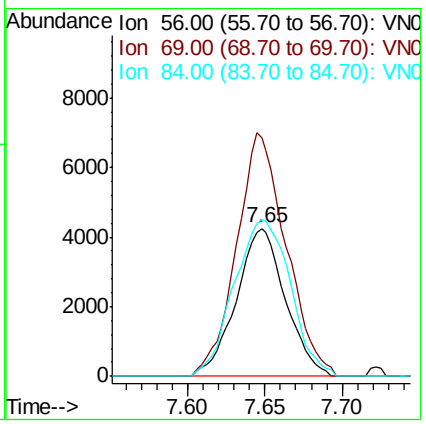


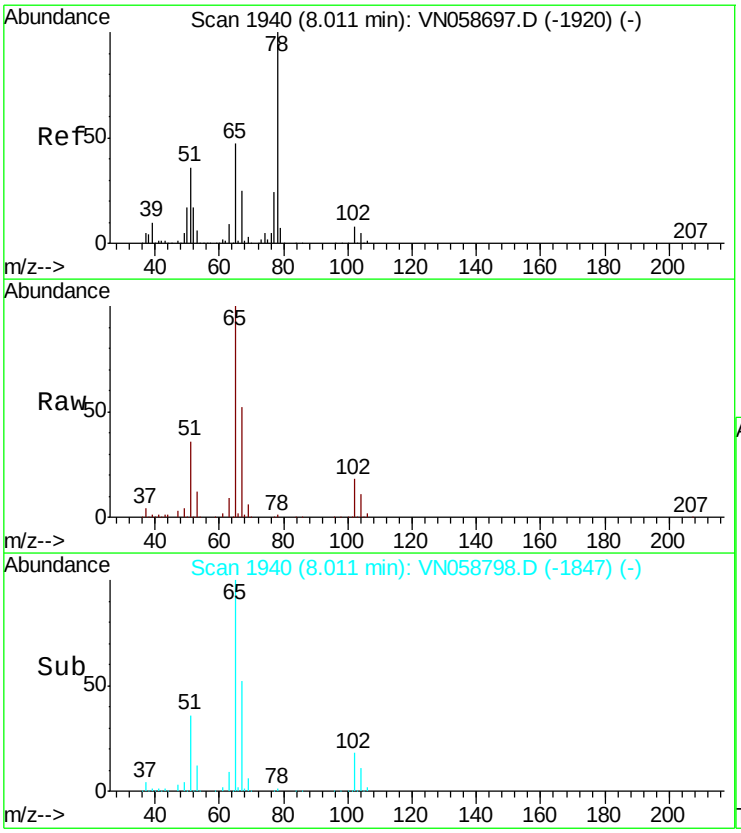
#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 9401

Ion	Ratio	Lower	Upper
56	100		
69	161.8	26.2	39.4#
84	106.3	64.9	97.3#

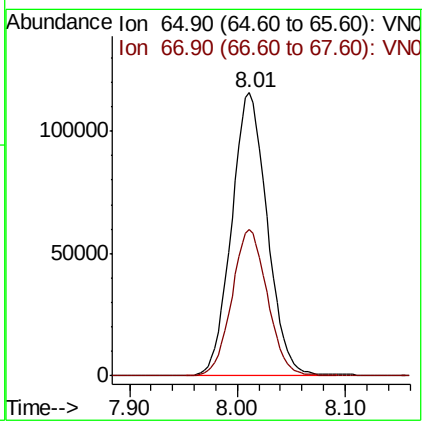


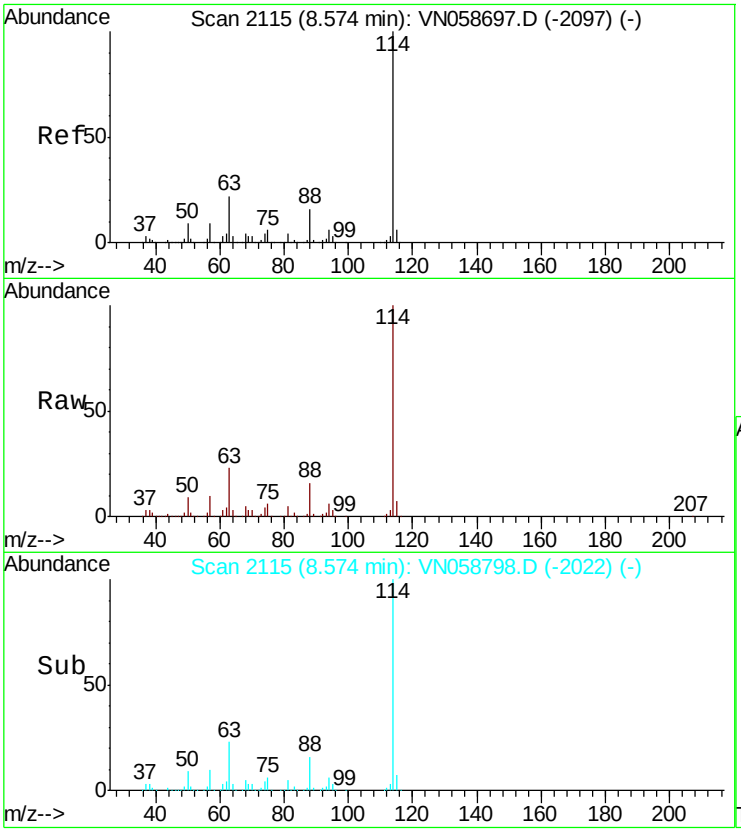


#33
1,2-Dichloroethane-d4
Concen: 49.979 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 65 Resp: 266936

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.8



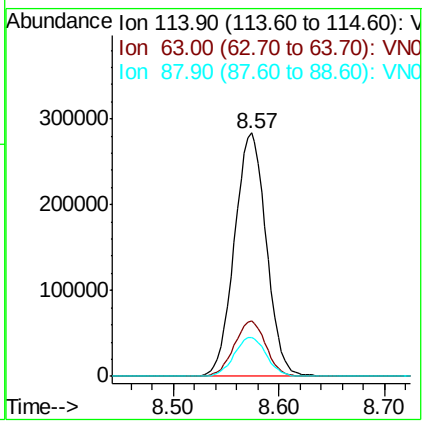


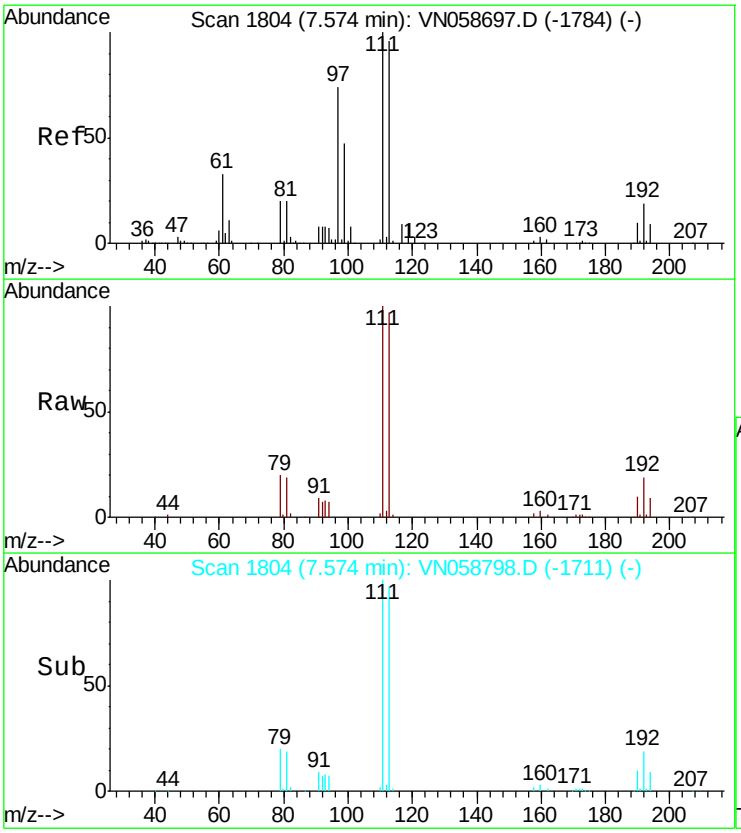
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 594497

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	43.8
88	16.0	0.0	32.0

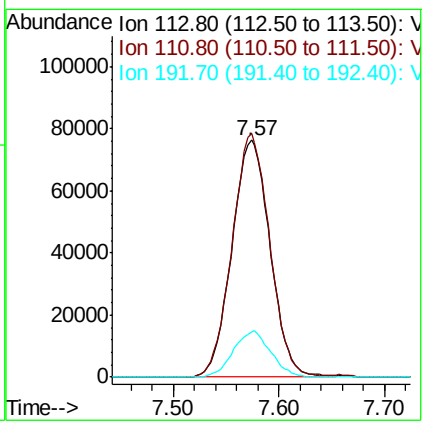


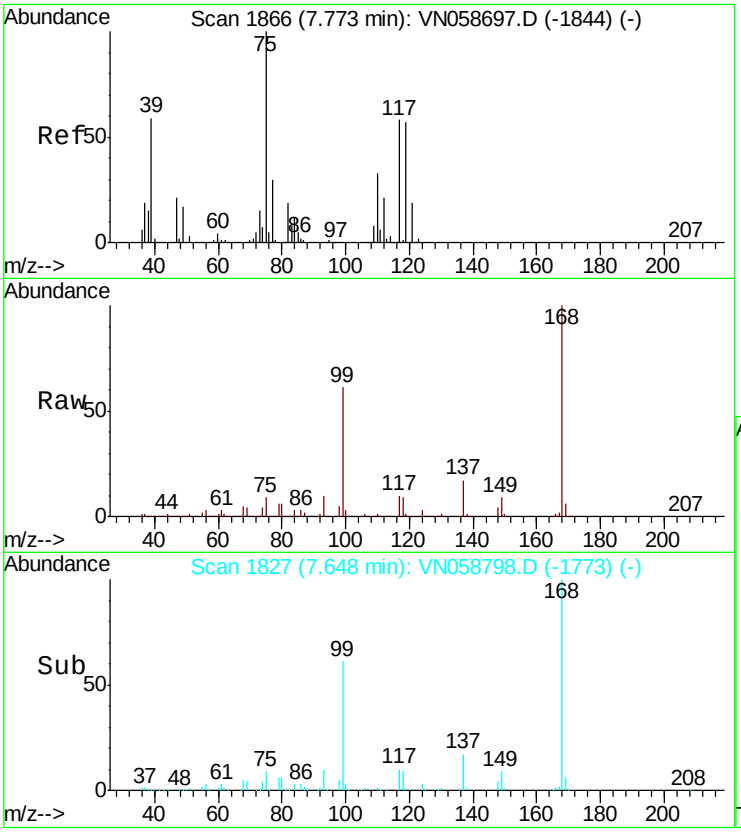


#35
Dibromofluoromethane
Concen: 52.360 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion:113 Resp: 192272

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.3	123.5
192	19.0	15.0	22.6



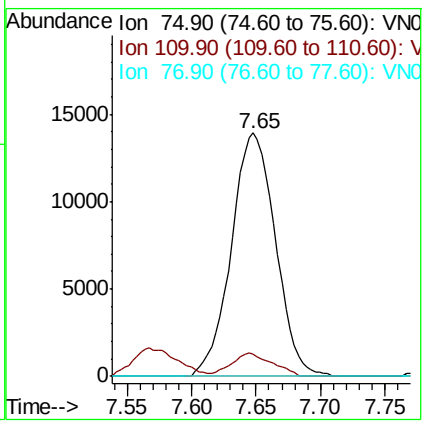


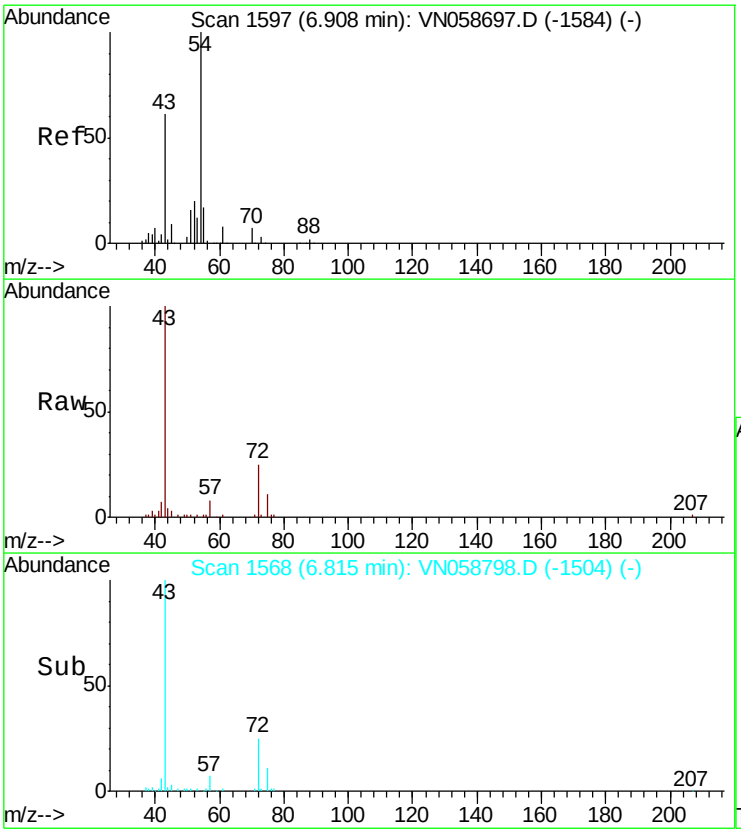
#36
1,1-Dichloropropene
Concen: 5.532 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 33251

Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.6	49.8#
77	0.0	24.6	37.0#

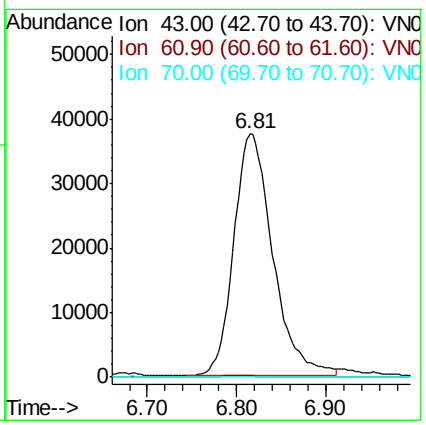


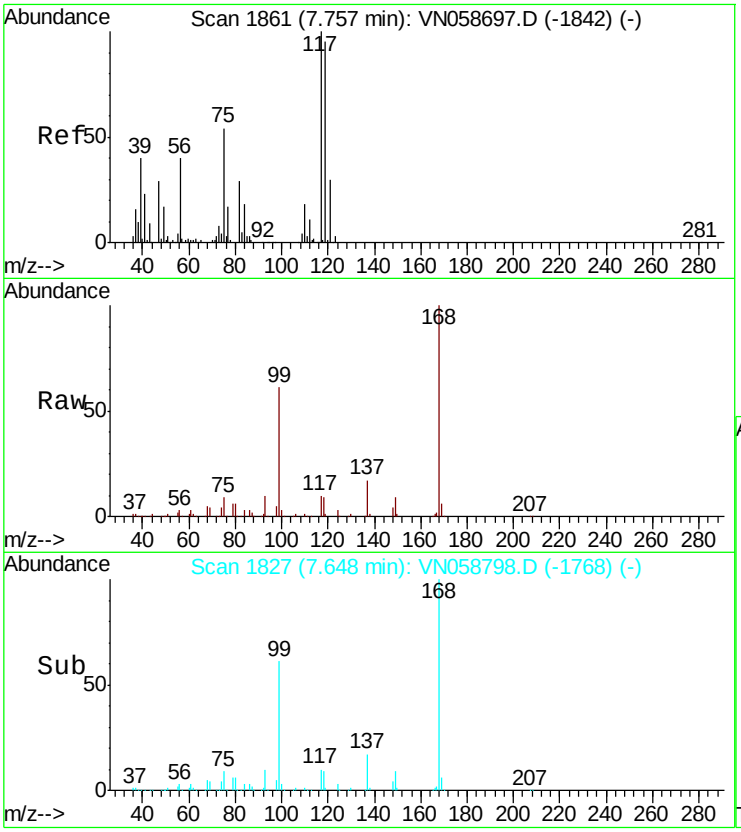


#37
Ethyl Acetate
Concen: 18.669 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. -0.09 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 43 Resp: 113485

Ion	Ratio	Lower	Upper
43	100		
61	0.5	11.3	16.9#
70	0.0	7.2	10.8#



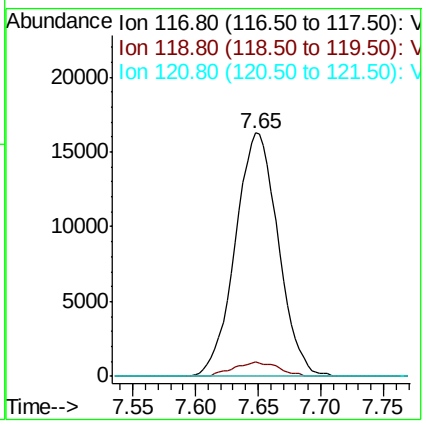


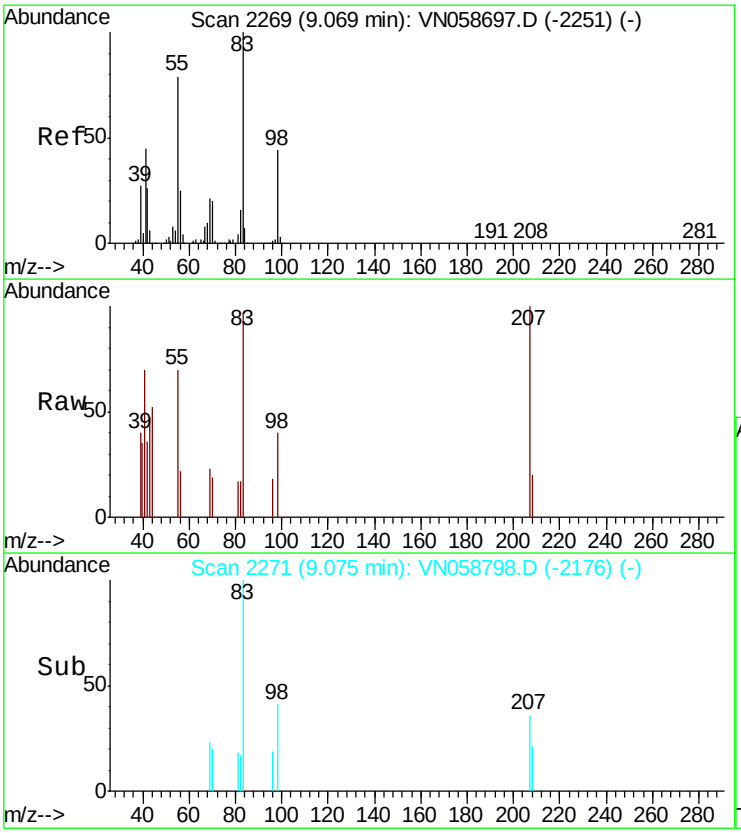
#38
Carbon Tetrachloride
Concen: 6.616 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 38758

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.7	113.5#
121	0.0	23.9	35.9#

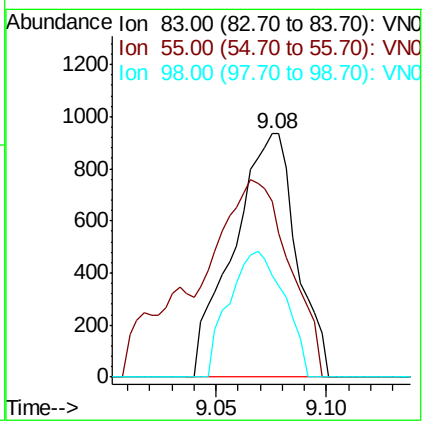


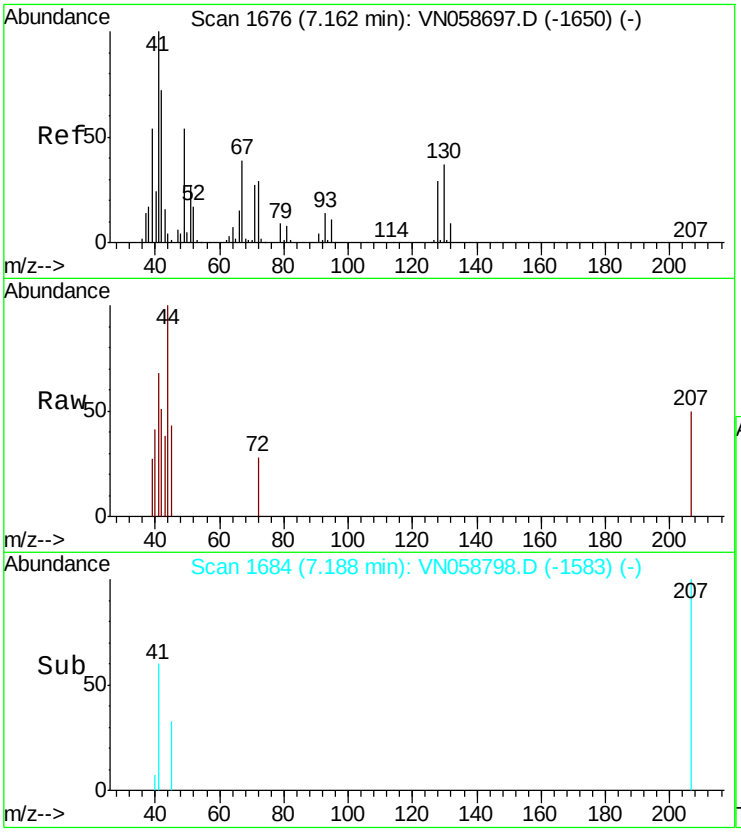


#39
Methylcyclohexane
Concen: 0.266 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 83 Resp: 1856

Ion	Ratio	Lower	Upper
83	100		
55	72.0	63.4	95.0
98	41.5	35.1	52.7



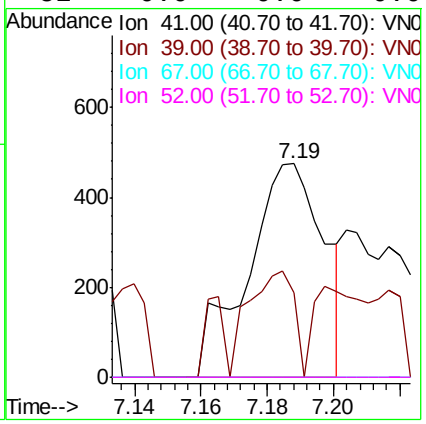


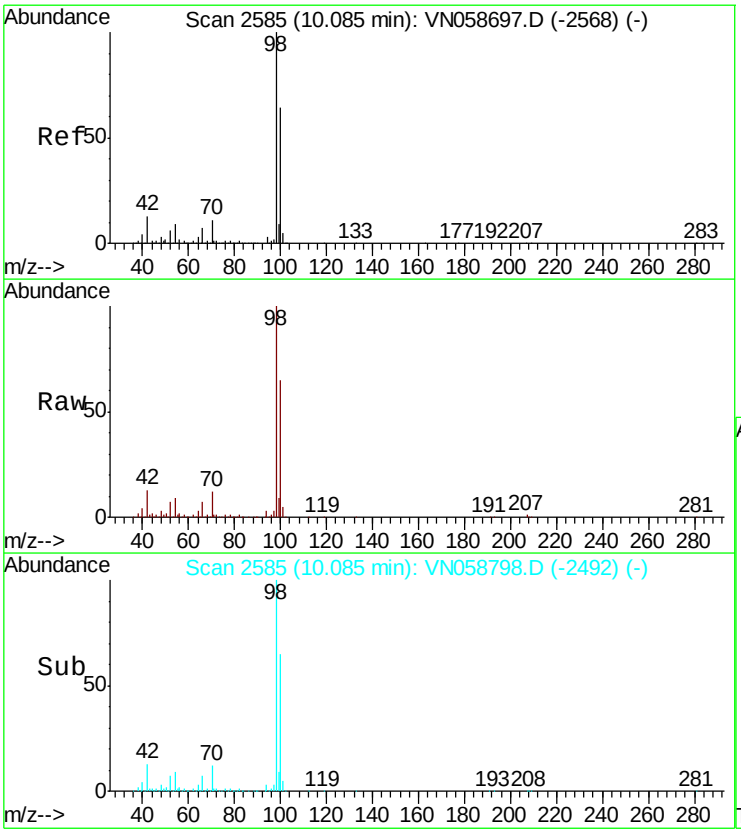
#41
Methacrylonitrile
Concen: 0.267 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 760

Ion	Ratio	Lower	Upper
41	100		
39	29.6	115.4	173.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

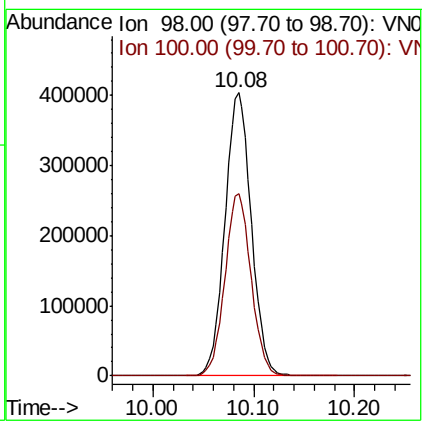


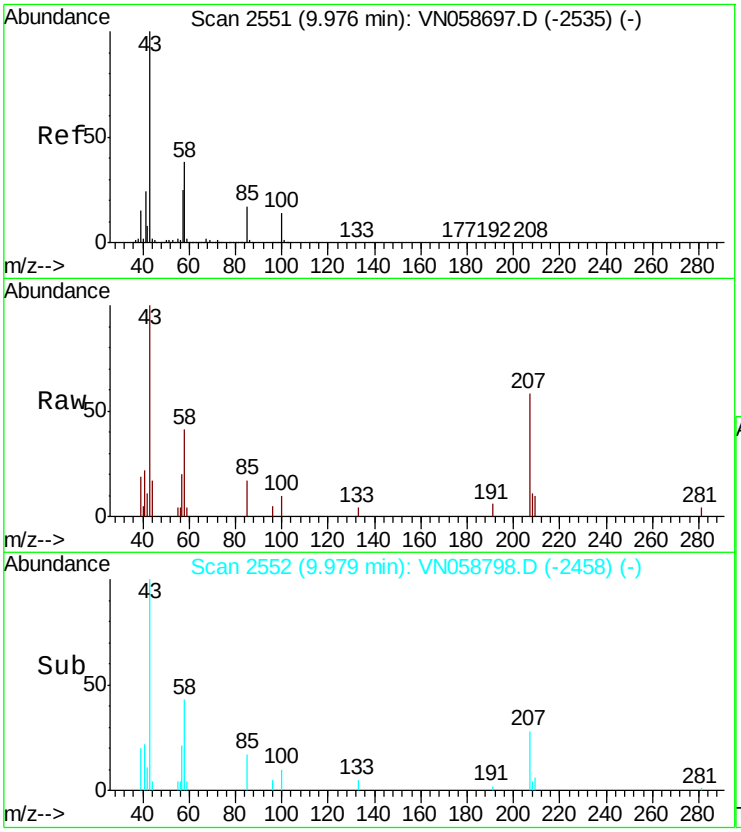


#50
Toluene-d8
Concen: 50.235 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 98 Resp: 737654

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7



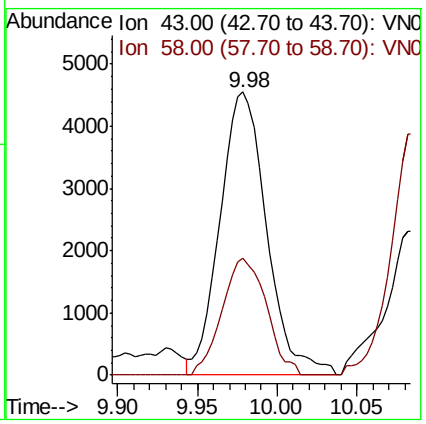


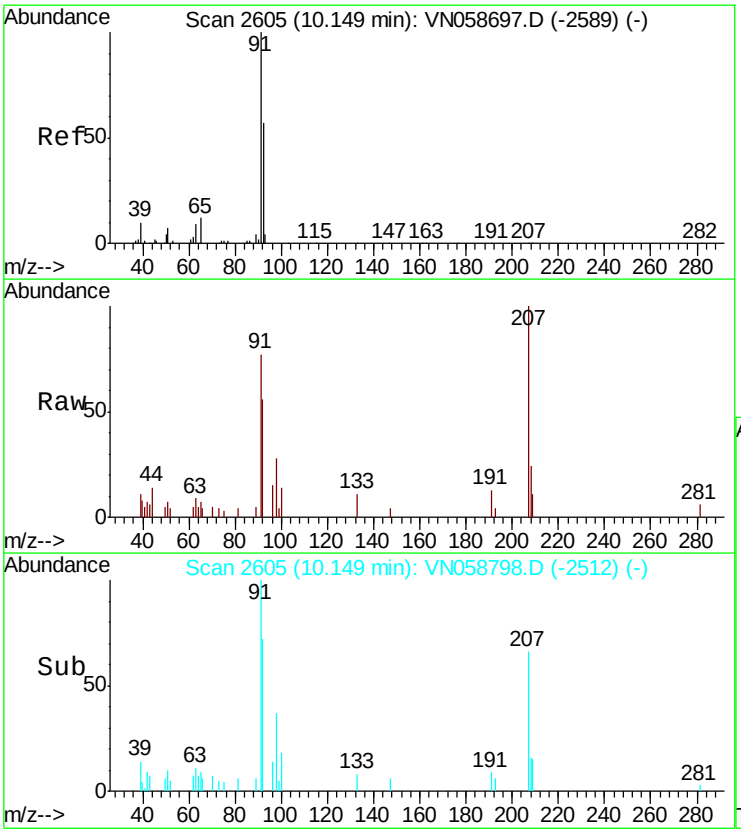
#51
4-Methyl-2-Pentanone
Concen: 1.564 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9095

Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.3	45.5

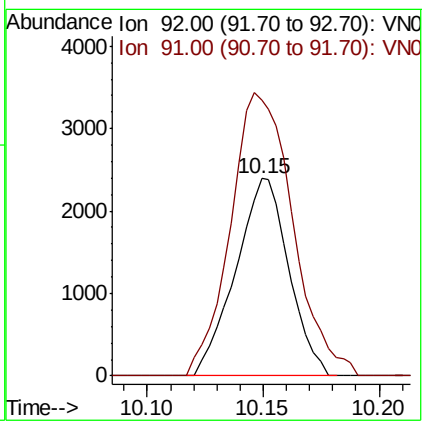


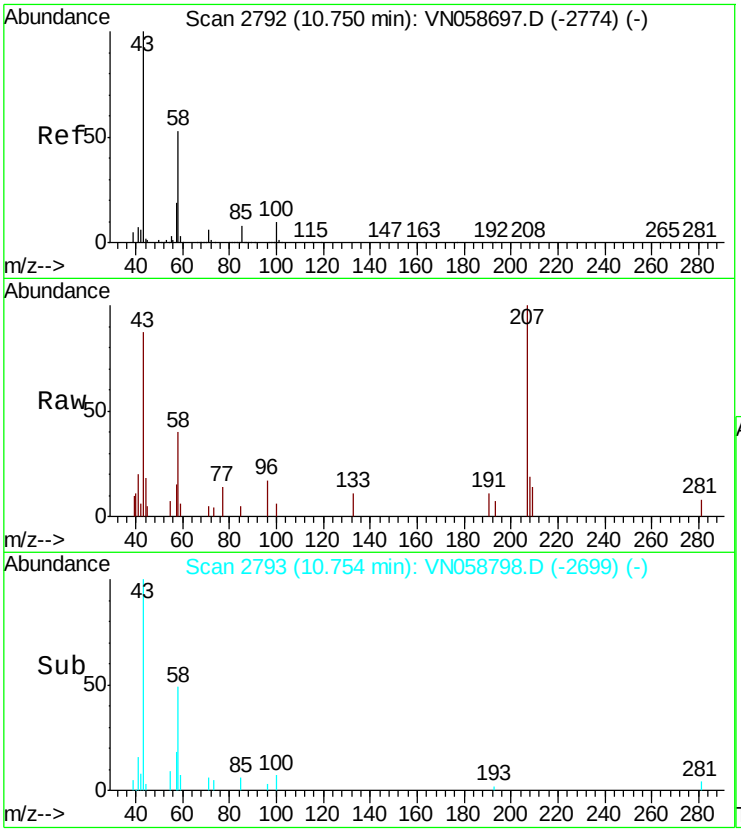


#52
Toluene
Concen: 0.362 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 92 Resp: 3817

Ion	Ratio	Lower	Upper
92	100		
91	168.0	139.1	208.7



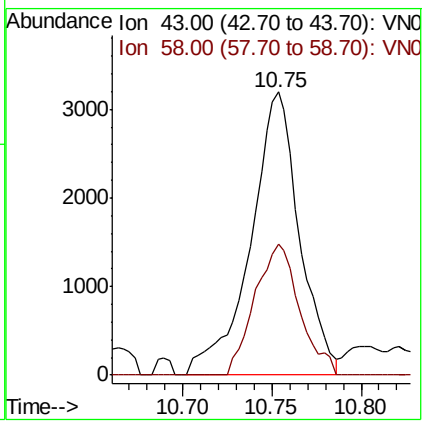


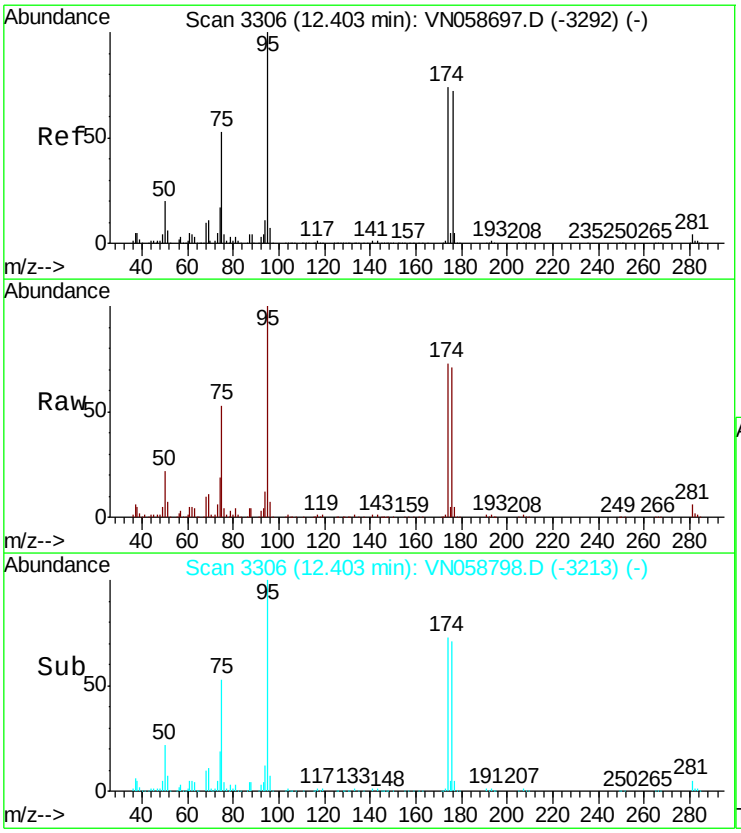
#59
2-Hexanone
Concen: 1.359 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6106

Ion	Ratio	Lower	Upper
43	100		
58	42.4	26.1	78.3

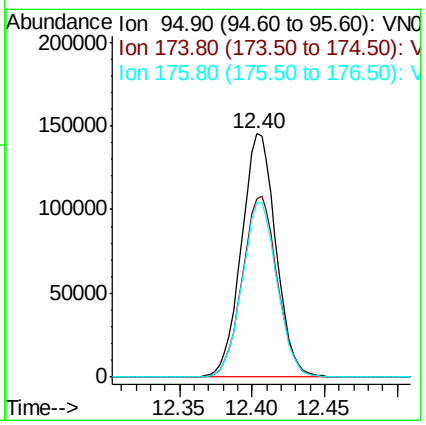


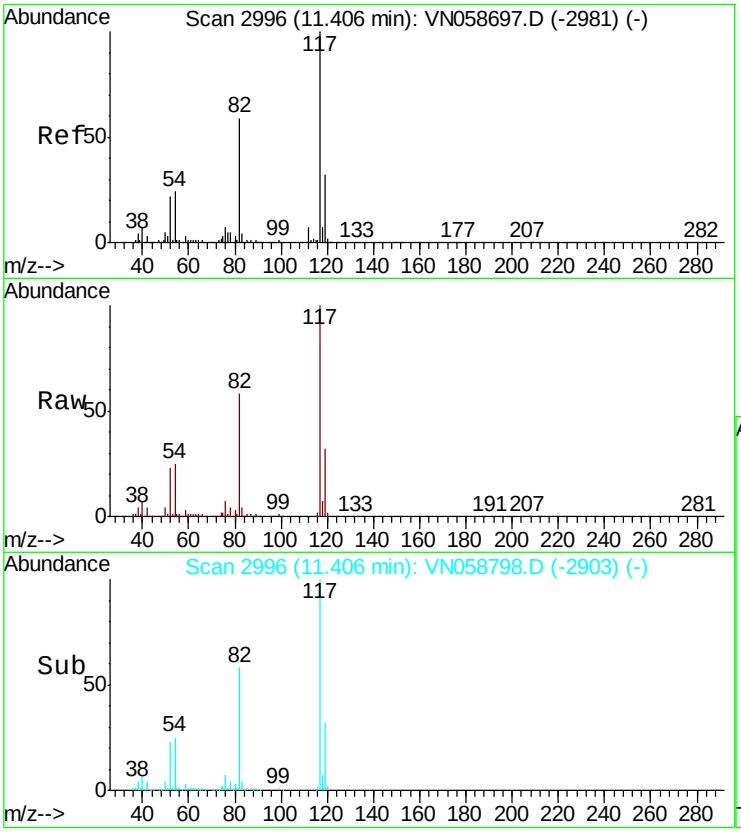


#62
4-Bromofluorobenzene
Concen: 43.051 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 95 Resp: 239293

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.4
176	73.1	0.0	146.8



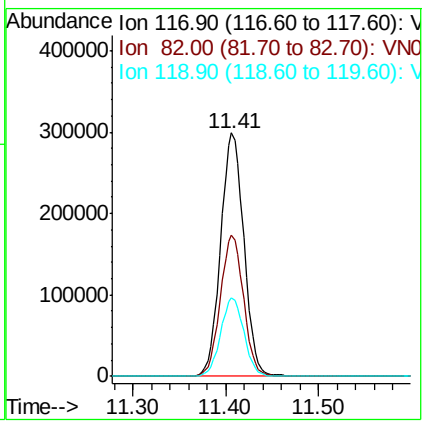


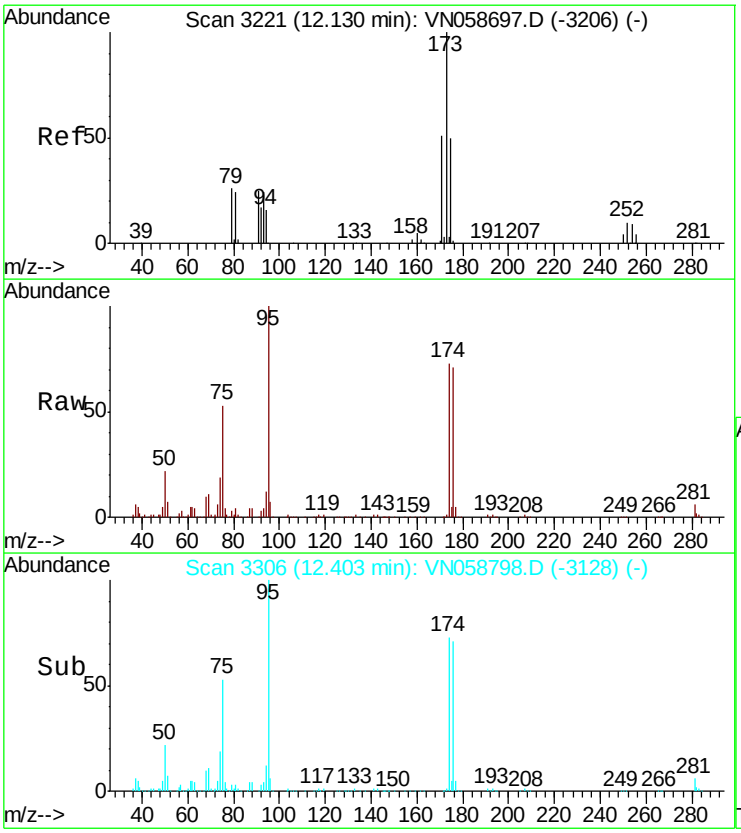
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 518819

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.0	70.4
119	32.2	25.4	38.2

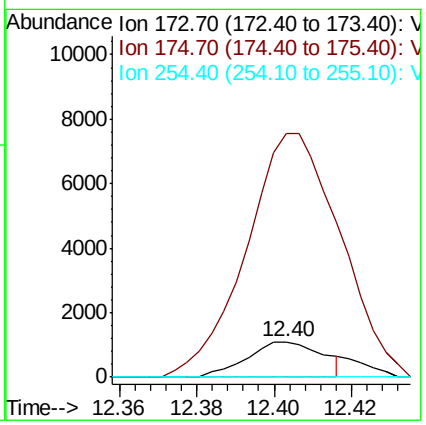


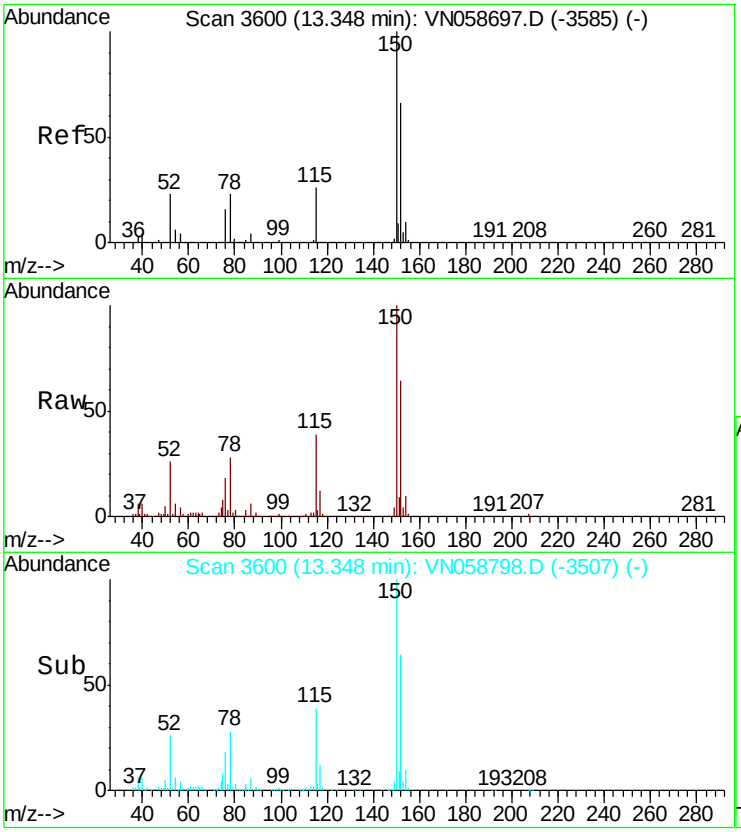


#71
Bromoform
Concen: 0.520 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion:173 Resp: 1486

Ion	Ratio	Lower	Upper
173	100		
175	743.1	24.6	73.8#
254	0.0	0.1	0.1#



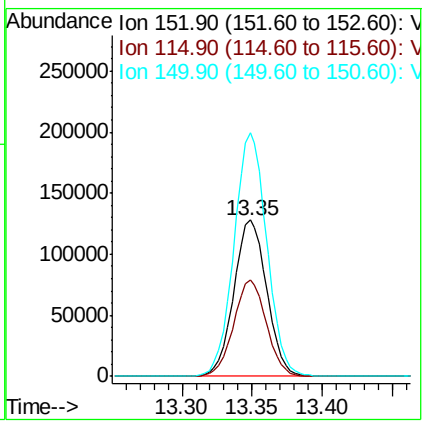


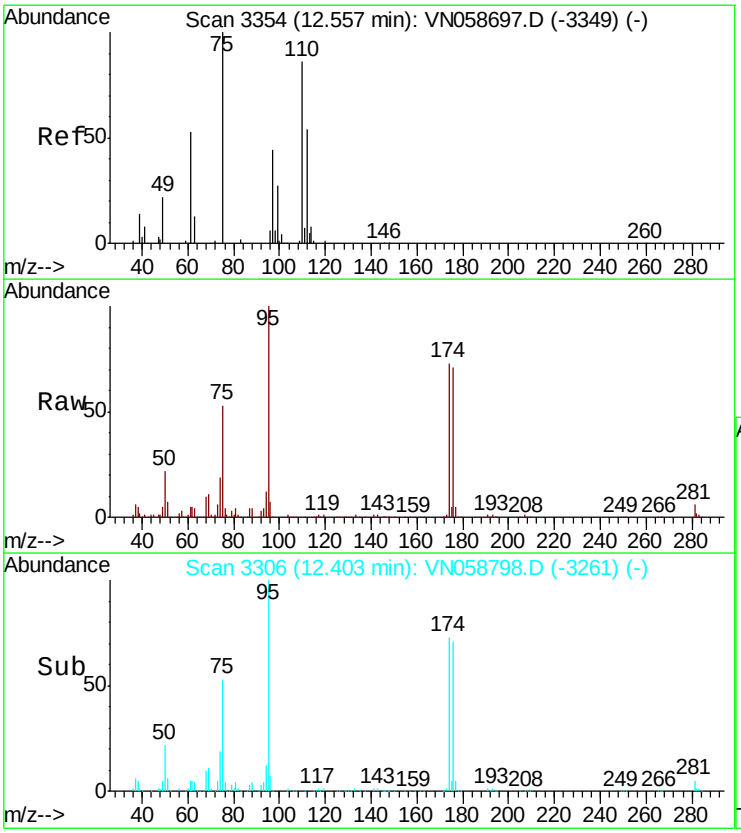
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 209478

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.4	91.2
150	155.4	0.0	345.4

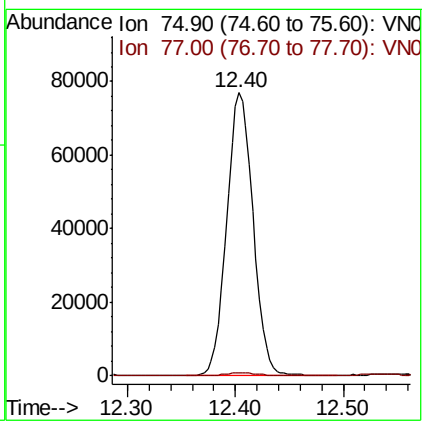


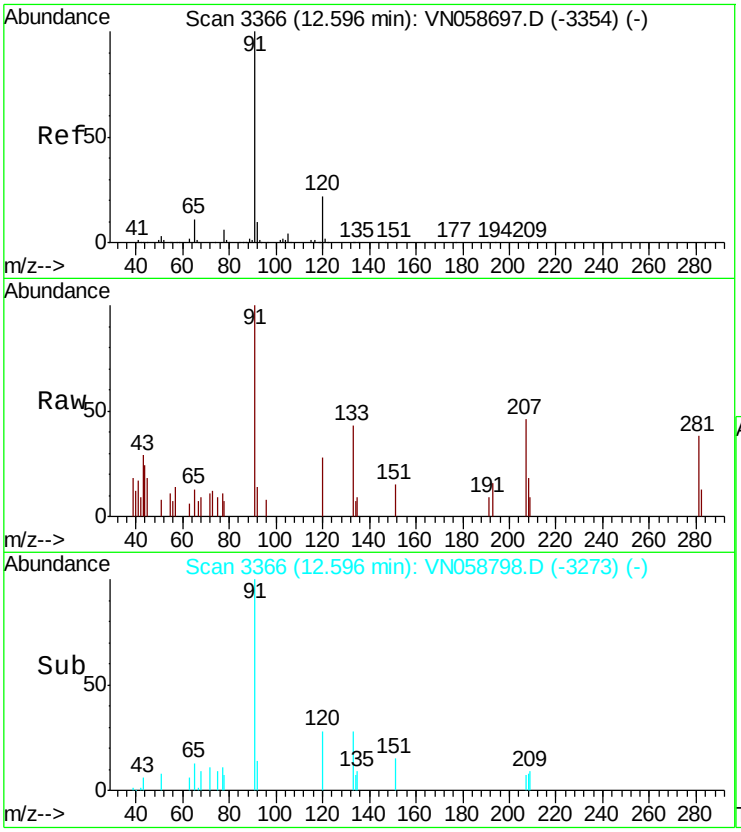


#76
1,2,3-Trichloropropane
Concen: 28.371 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 75 Resp: 130379

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



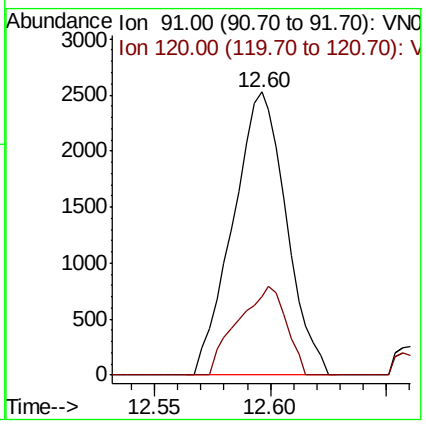


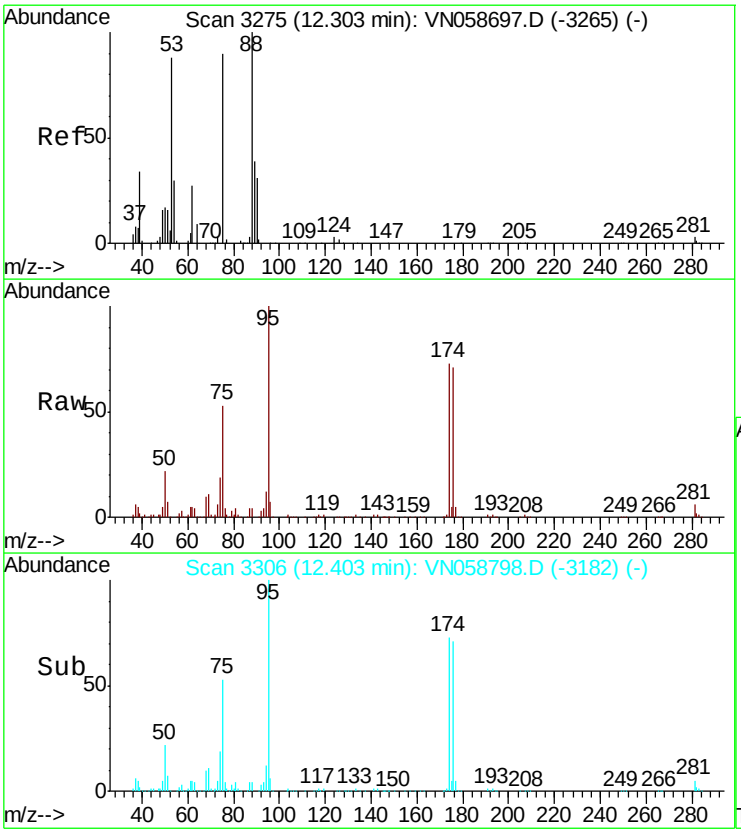
#78
n-propylbenzene
Concen: 0.228 ug/l
RT: 12.60 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 4033

Ion	Ratio	Lower	Upper
91	100		
120	28.4	11.1	33.3

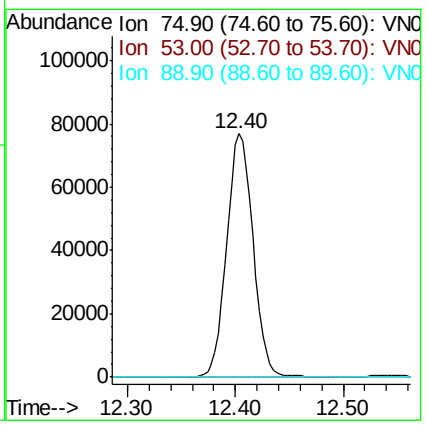


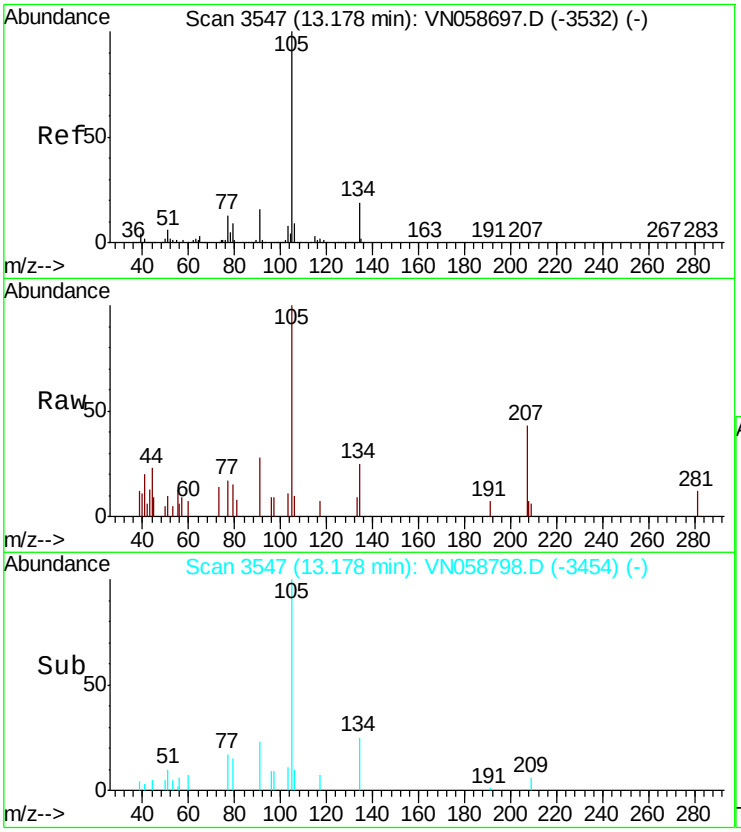


#81
trans-1,4-Dichloro-2-butene
Concen: 75.998 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion: 75 Resp: 130379

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.4	117.6#
89	0.0	34.9	52.3#



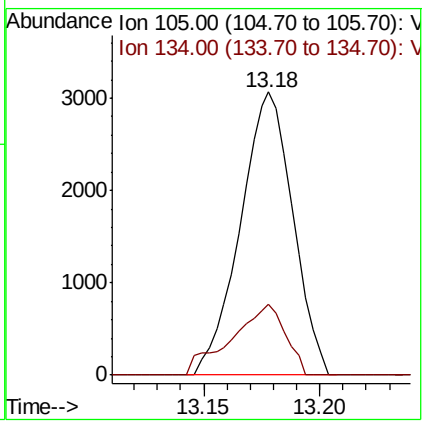


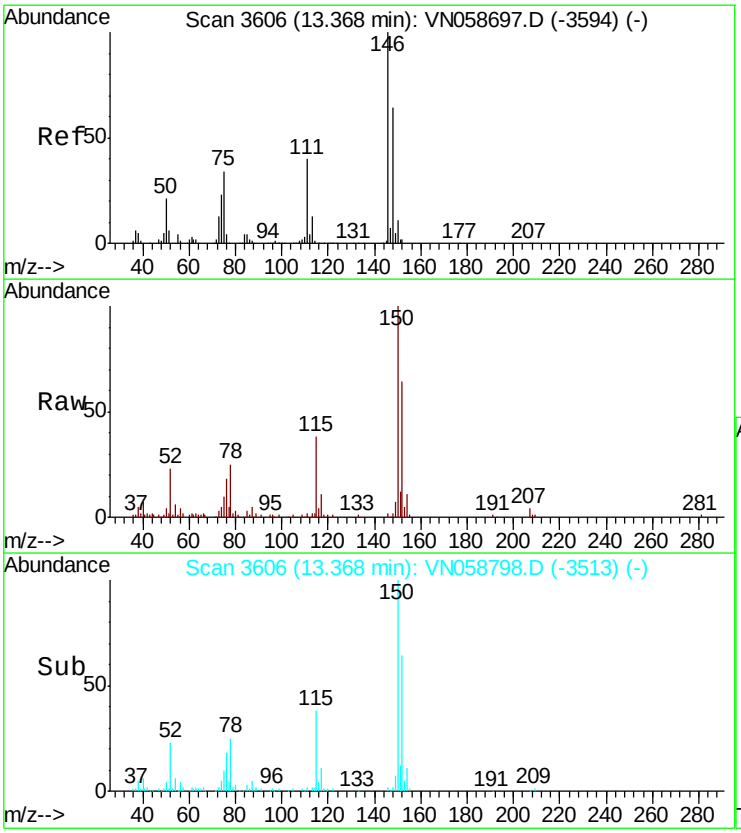
#85
sec-Butylbenzene
Concen: 0.330 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 4826

Ion	Ratio	Lower	Upper
105	100		
134	25.7	9.7	29.1

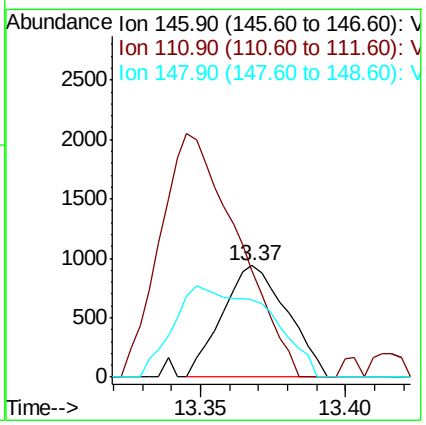


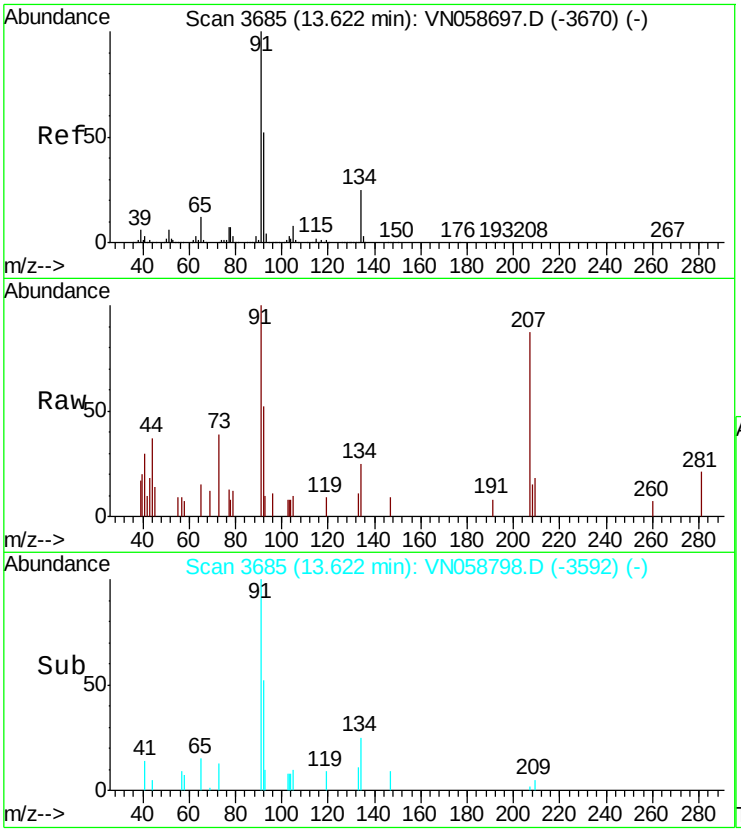


#88
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 13.37 min Scan# 3606
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion:146 Resp: 1461

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.1	60.2#
148	0.0	31.9	95.7#



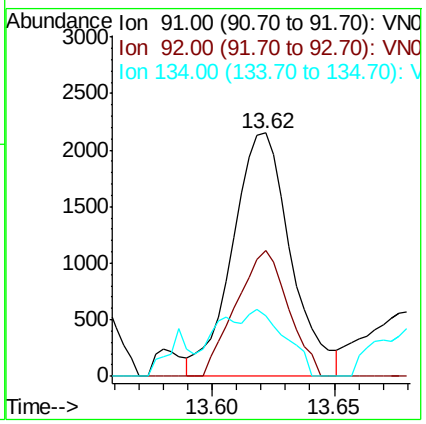


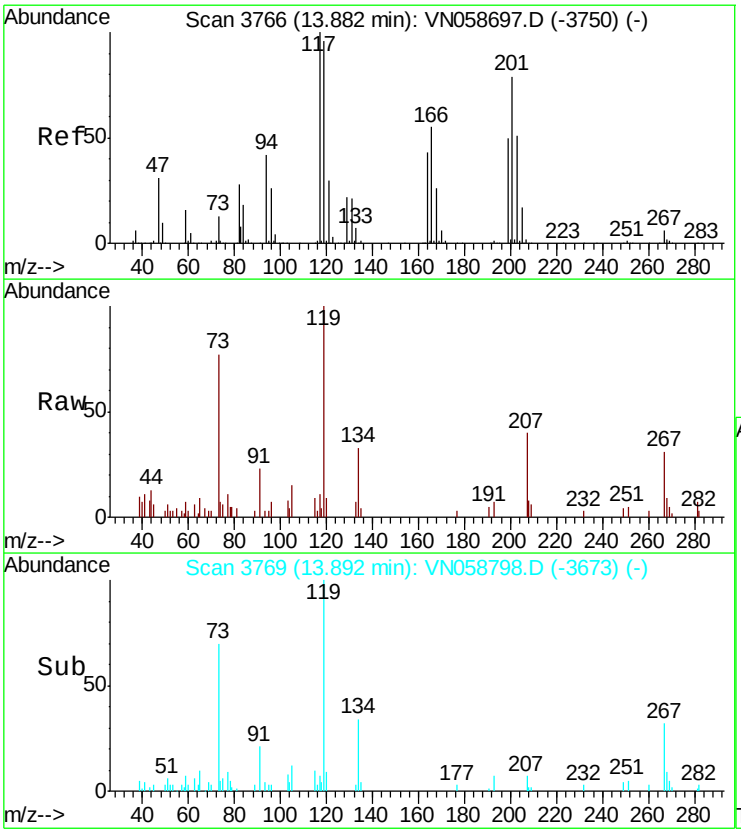
#89
n-Butylbenzene
Concen: 0.290 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 3559

Ion	Ratio	Lower	Upper
91	100		
92	46.4	26.0	78.0
134	7.4	12.2	36.6#

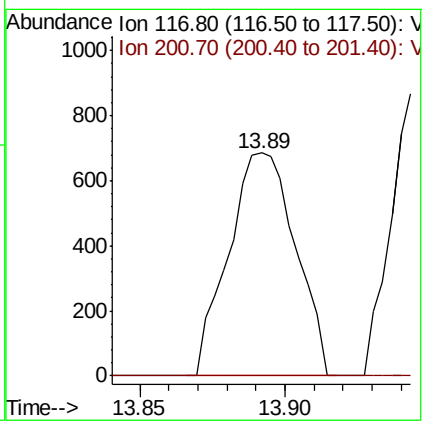


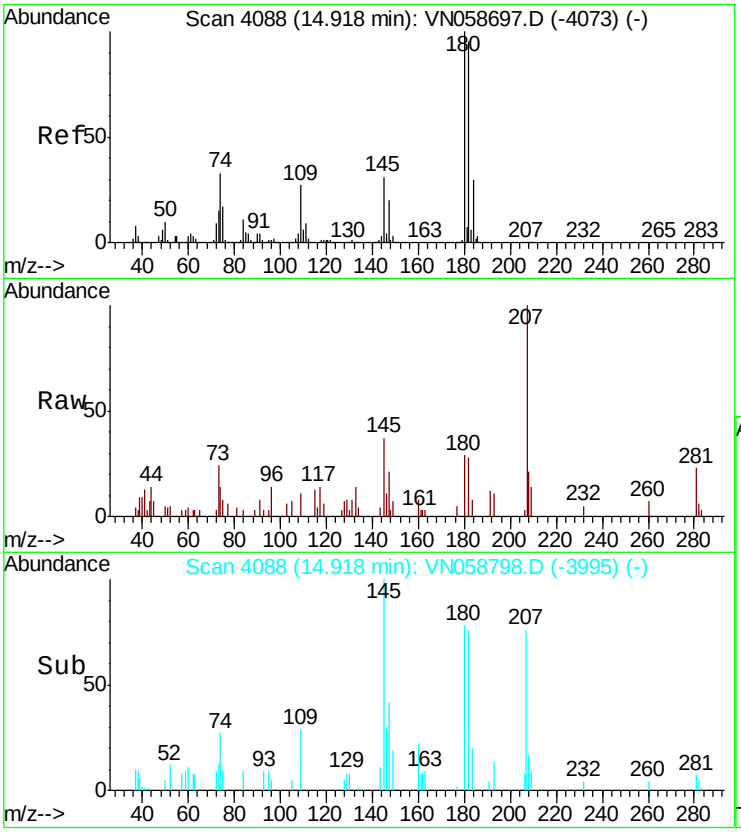


#90
Hexachloroethane
Concen: 0.462 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion:117 Resp: 1099

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.6	118.7#



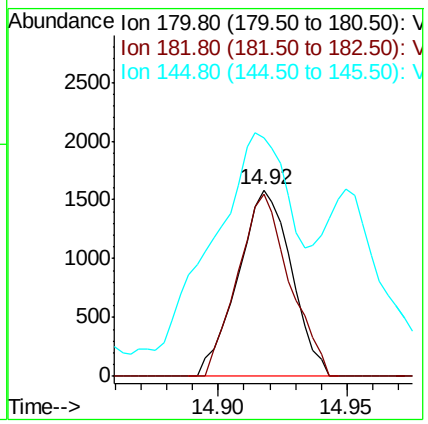


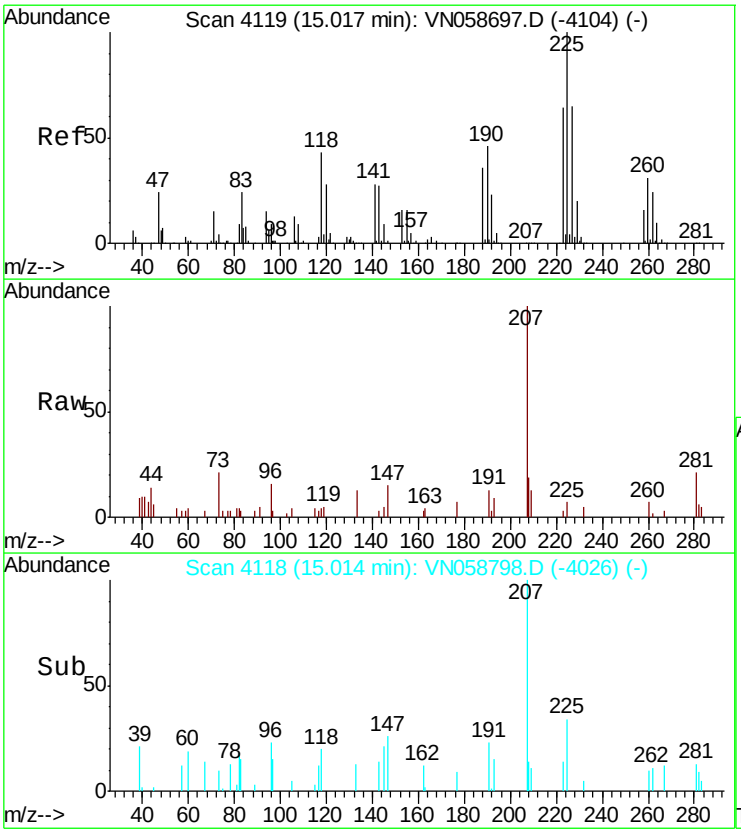
#93
1,2,4-Trichlorobenzene
Concen: 0.565 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 2285

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.4	142.2
145	198.0	15.4	46.2#

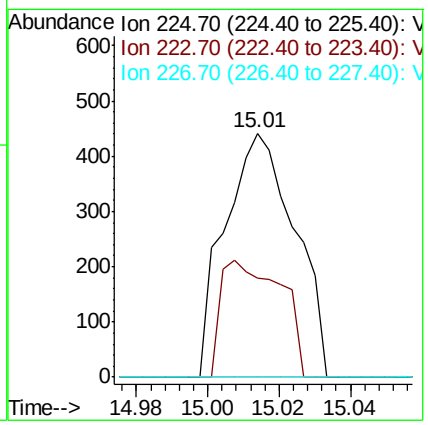


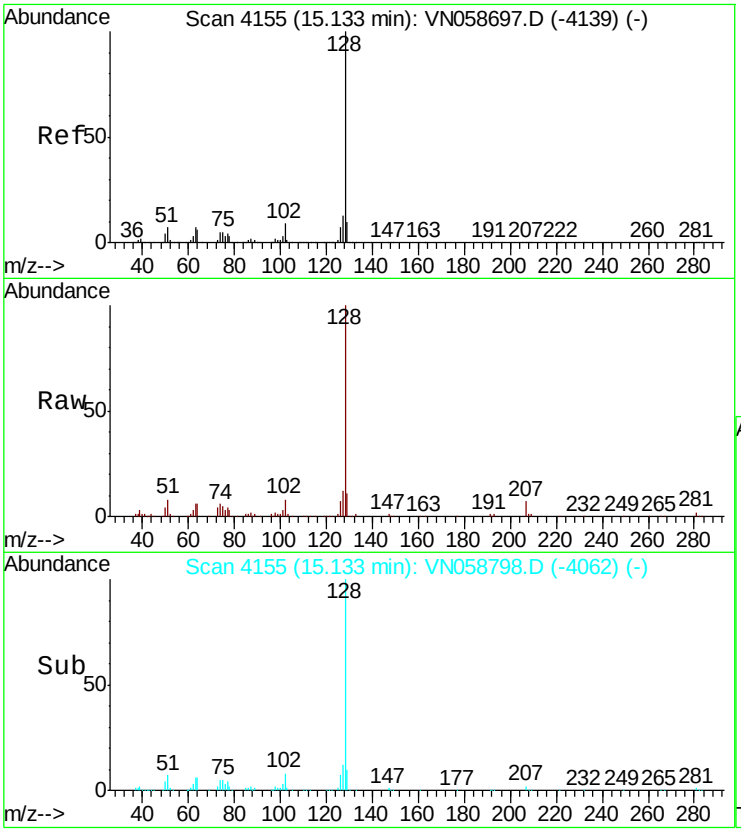


#94
Hexachlorobutadiene
Concen: 0.280 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion:225 Resp: 596

Ion	Ratio	Lower	Upper
225	100		
223	41.4	32.3	96.8
227	0.0	32.4	97.0#



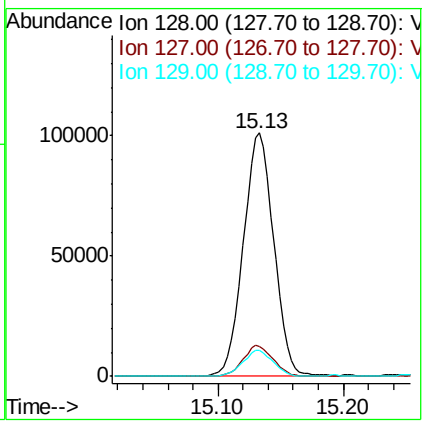


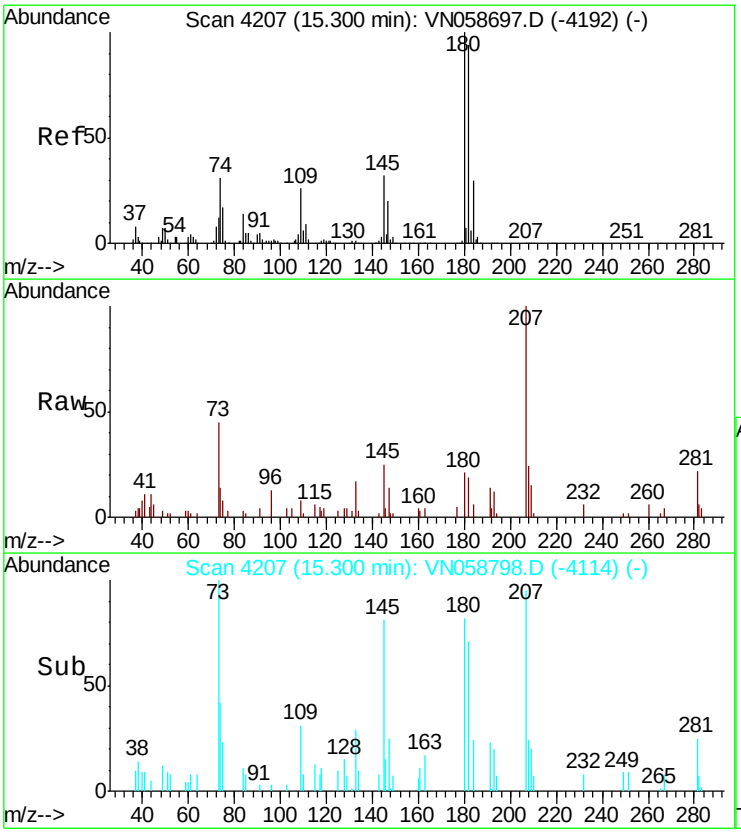
#95
Naphthalene
Concen: 14.726 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 171239

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 0.706 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN058798.D
Acq: 16 Oct 2019 13:58

Tgt Ion:180 Resp: 2787

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	131.1	16.2	48.6#