Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061819\
Data File : VN056356.D
Acq On : 18 Jun 2019 11:21
Operator : JC/SP
Sample : K3163-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 19 01:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	334741	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	567750	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590667	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196379	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	195817	52.03 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.06%		
35) Dibromofluoromethane	7.59	113	170976	46.96 ug/l	0.00
Spiked Amount 50.000			Recovery = 93.92%		
50) Toluene-d8	10.09	98	730044	52.49 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%		
62) 4-Bromofluorobenzene	12.40	95	246897	53.57 ug/l	0.00
Spiked Amount 50.000			Recovery = 107.14%		
Target Compounds					Qvalue
14) Allyl chloride	4.54	41	5205	0.999 ug/l #	27
16) Acetone	3.83	43	10704	5.147 ug/l	96
18) Methyl Acetate	4.33	43	2300	Below Cal #	88
20) Methylene Chloride	4.54	84	130743	35.601 ug/l	99
25) 2-Butanone	6.87	43	892	0.354 ug/l #	48
29) Tetrahydrofuran	7.23	42	748	0.500 ug/l #	49
30) Chloroform	7.37	83	3805	0.636 ug/l	99
31) Cyclohexane	7.67	56	5608	0.967 ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22366	4.378 ug/l #	47
38) Carbon Tetrachloride	7.67	117	28793	5.872 ug/l #	16
43) Isopropyl Acetate	8.17	43	13087	1.690 ug/l	95
45) 1,2-Dichloropropane	9.27	63	1788	0.437 ug/l #	44
48) Methyl methacrylate	9.18	41	8255	2.113 ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	4007	0.812 ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	54158	9.094 ug/l #	64
57) 1,3-Dichloropropane	10.76	76	12033	1.838 ug/l #	42
59) 2-Hexanone	10.76	43	163858	44.758 ug/l #	51
68) m/p-Xylenes	11.62	106	1692	0.220 ug/l	99
71) Bromoform	12.40	173	1716	0.493 ug/l #	1
73) Isopropylbenzene	12.24	105	445	Below Cal #	48
75) 1,1,2,2-Tetrachloroethane	12.39	83	29	Below Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	114486	27.286 ug/l #	100
79) 2-Chlorotoluene	12.66	91	520	Below Cal #	39
80) 1,3,5-Trimethylbenzene	12.73	105	6109	0.446 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	114486	84.776 ug/l #	13
83) tert-Butylbenzene	12.99	119	155	Below Cal #	28
84) 1,2,4-Trimethylbenzene	13.04	105	12748	0.999 ug/l	98
90) Hexachloroethane	13.89	117	376	Below Cal #	4
93) 1,2,4-Trichlorobenzene	14.91	180	433	5.420 ug/l #	80
94) Hexachlorobutadiene	15.01	225	73	Below Cal #	19
95) Naphthalene	15.13	128	110813	15.845 ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	363	3.897 ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061819\
Data File : VN056356.D
Acq On : 18 Jun 2019 11:21
Operator : JC/SP
Sample : K3163-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 19 01:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

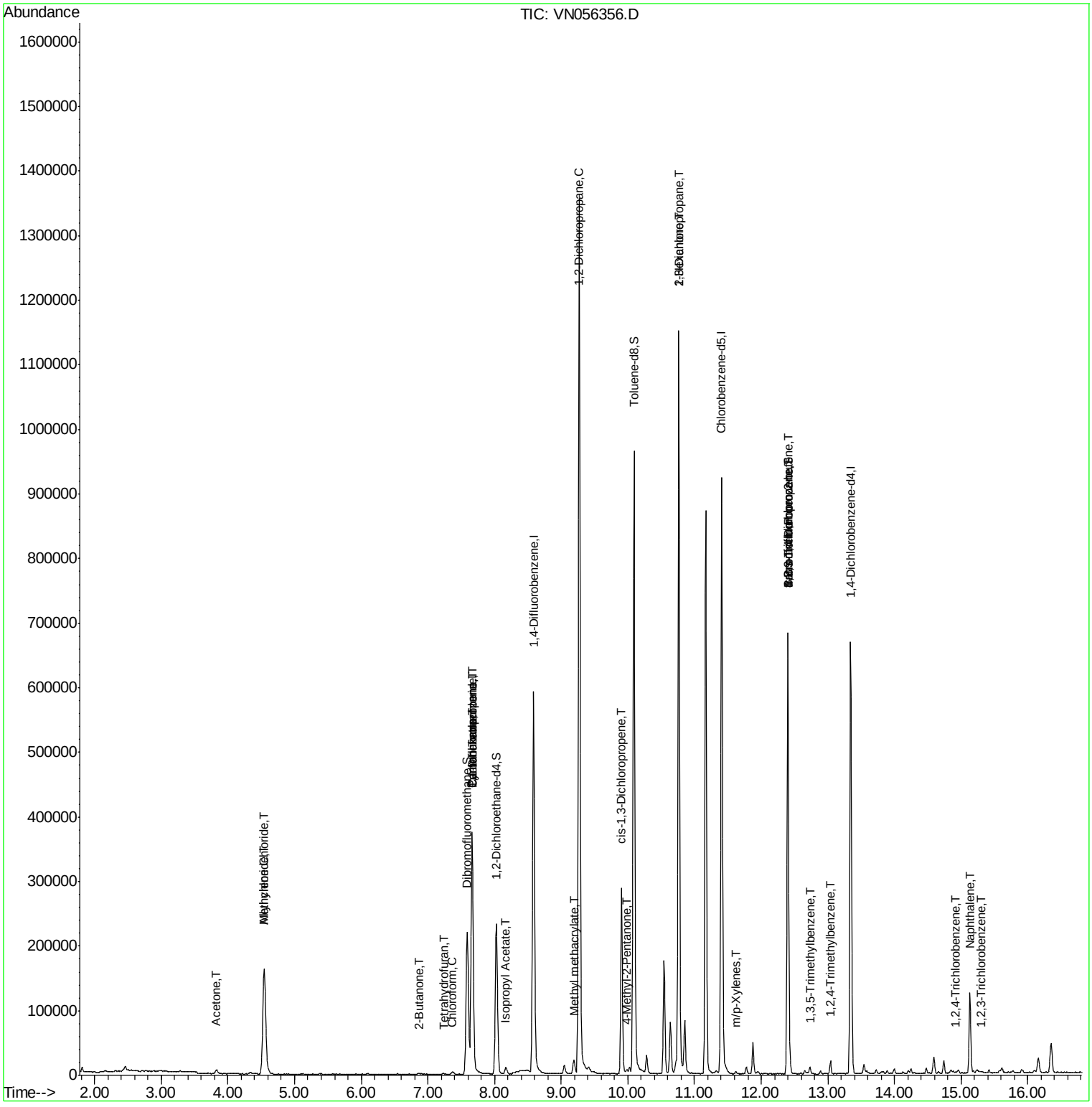
(#) = qualifier out of range (m) = manual integration (+) = signals summed

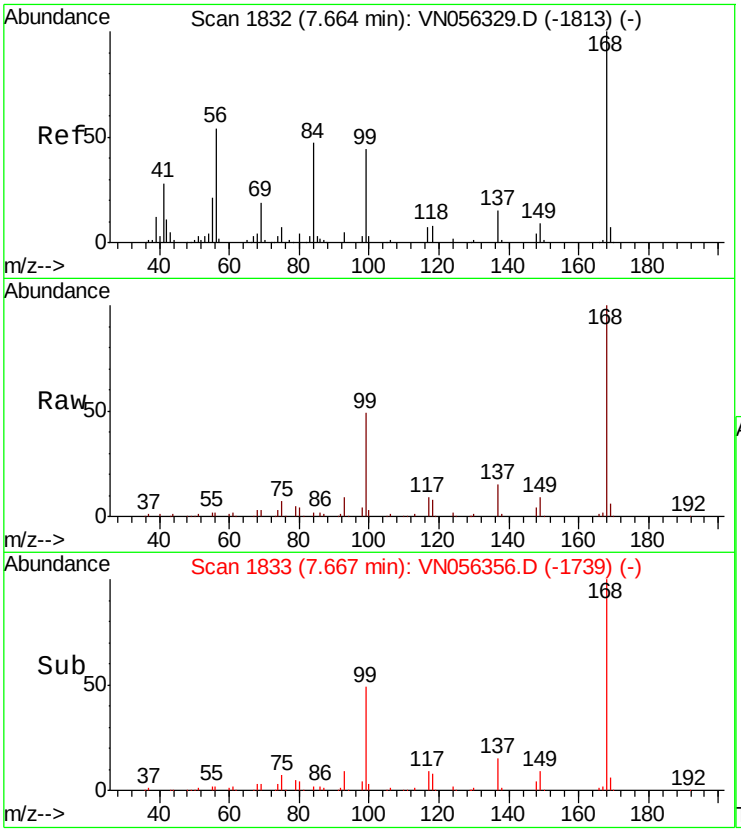
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061819\
Data File : VN056356.D
Acq On : 18 Jun 2019 11:21
Operator : JC/SP
Sample : K3163-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 19 01:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration



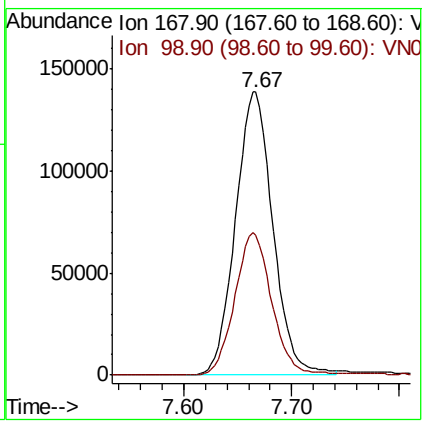


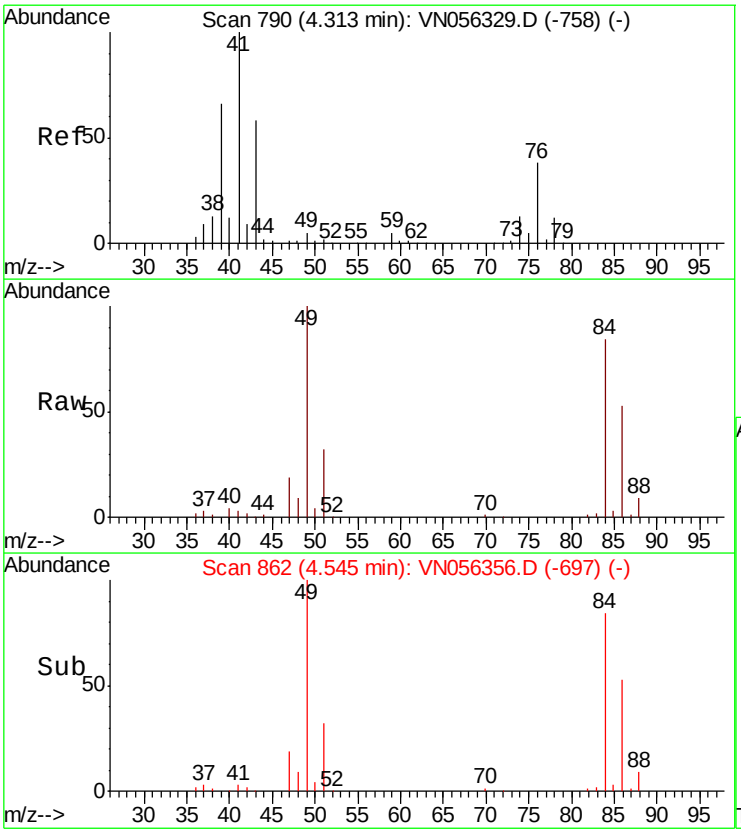
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 334741

Ion	Ratio	Lower	Upper
168	100		
99	49.4	40.2	60.2

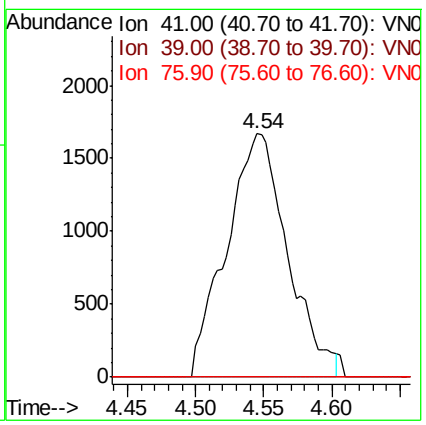


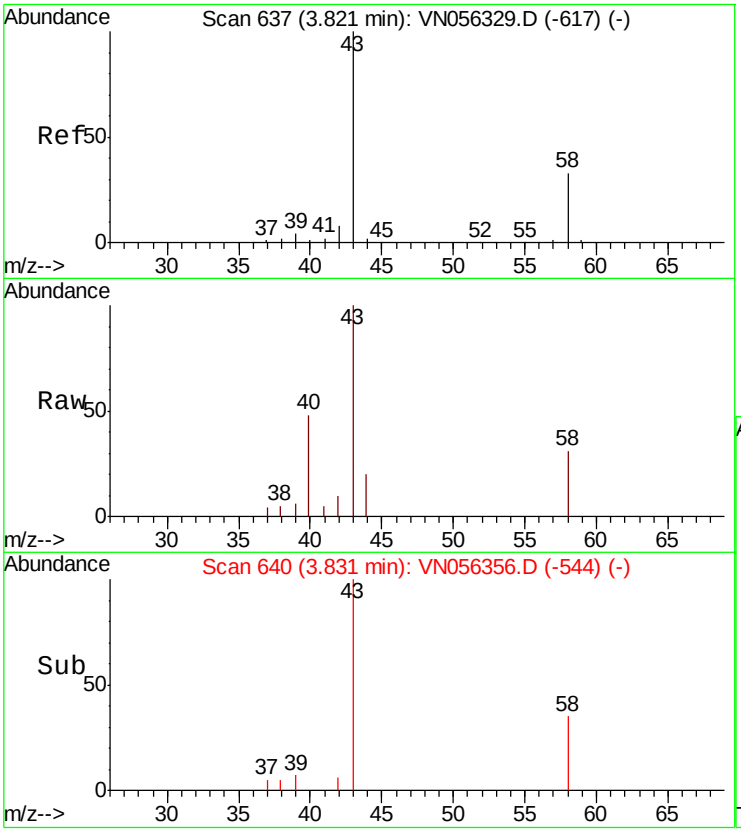


#14
Allyl chloride
Concen: 0.999 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 41 Resp: 5205

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.9	73.3#
76	0.0	27.2	40.8#



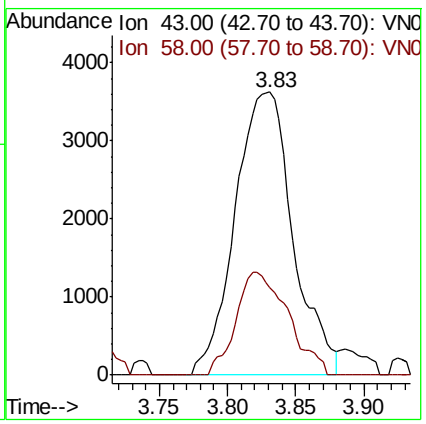


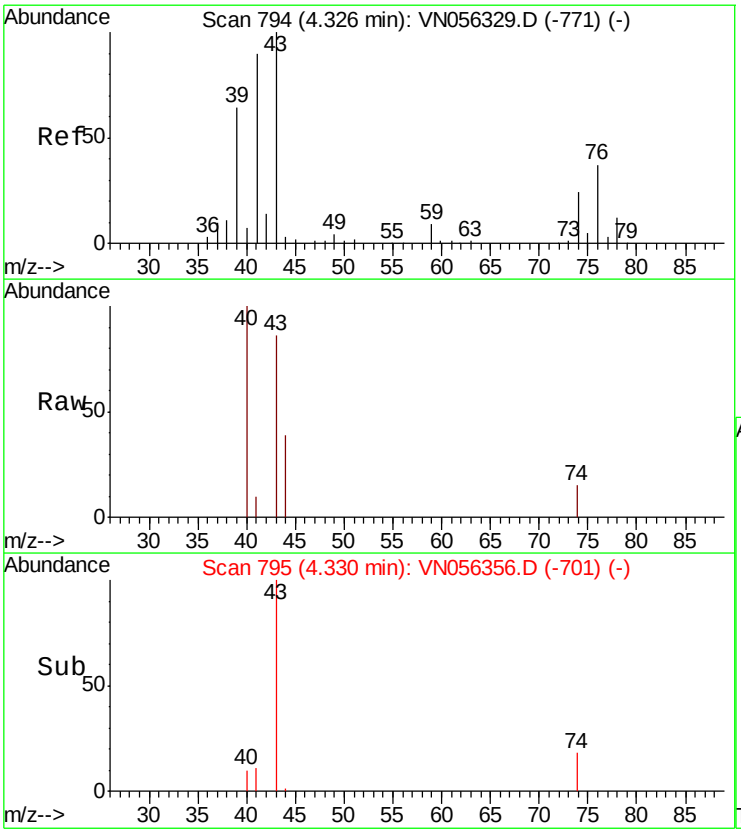
#16
Acetone
Concen: 5.147 ug/l
RT: 3.83 min Scan# 640
Delta R.T. 0.01 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10704

Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.5	39.7

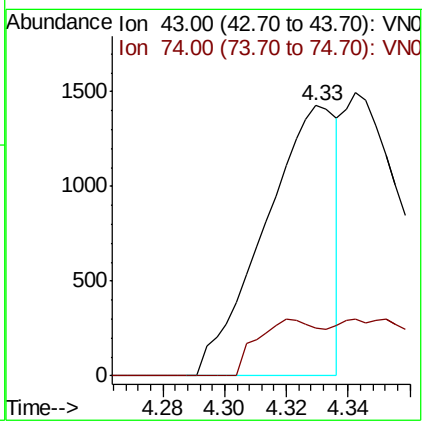


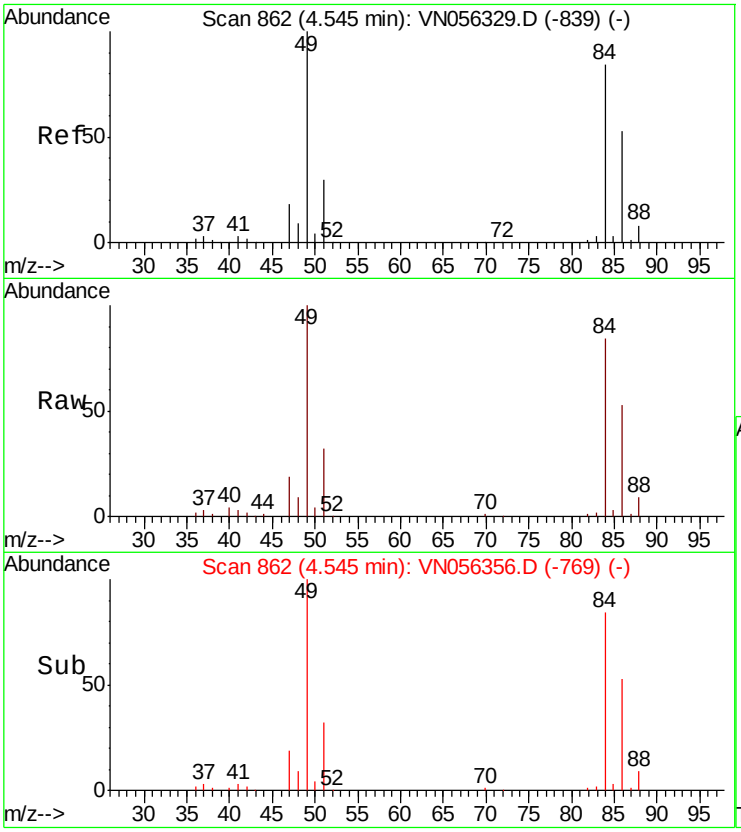


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 43 Resp: 2300

Ion	Ratio	Lower	Upper
43	100		
74	18.6	19.4	29.2#



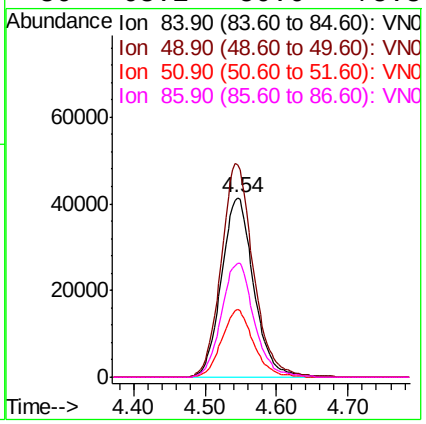


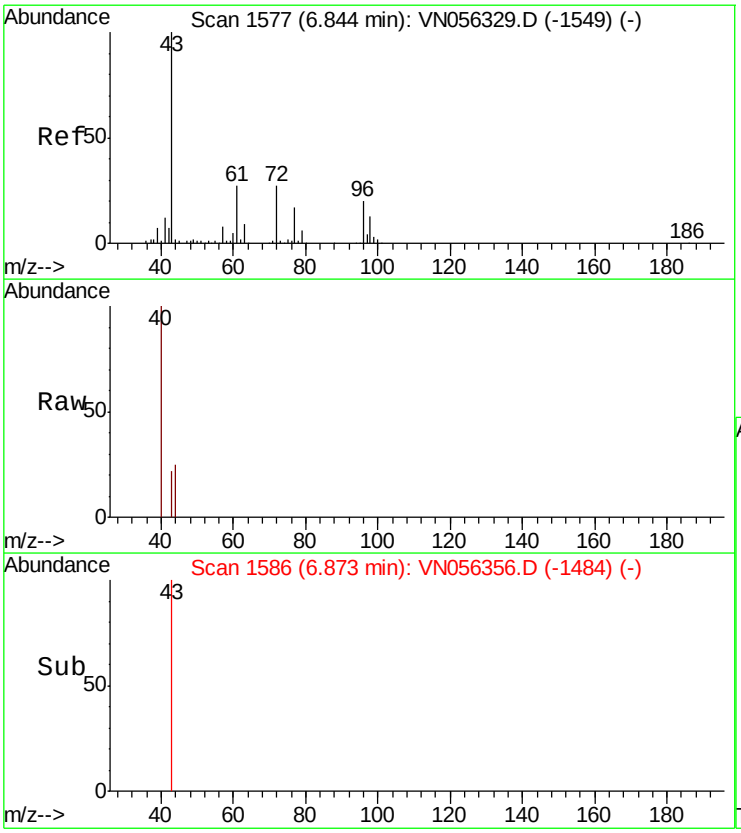
#20
Methylene Chloride
Concen: 35.601 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 130743

Ion	Ratio	Lower	Upper
84	100		
49	118.6	95.0	142.6
51	37.9	28.2	42.4
86	63.1	50.6	75.8

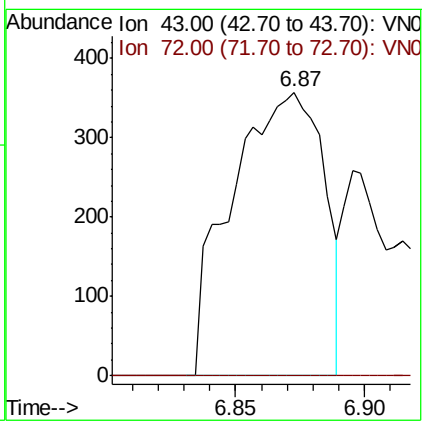


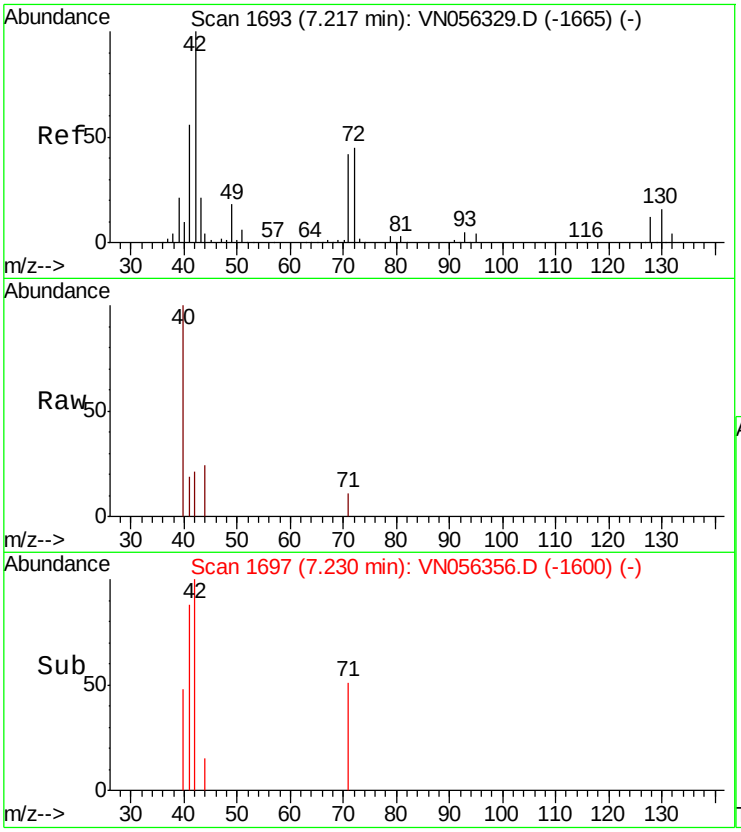


#25
2-Butanone
Concen: 0.354 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. 0.03 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 43 Resp: 892

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#



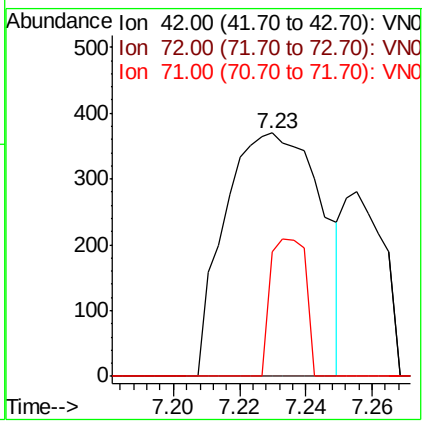


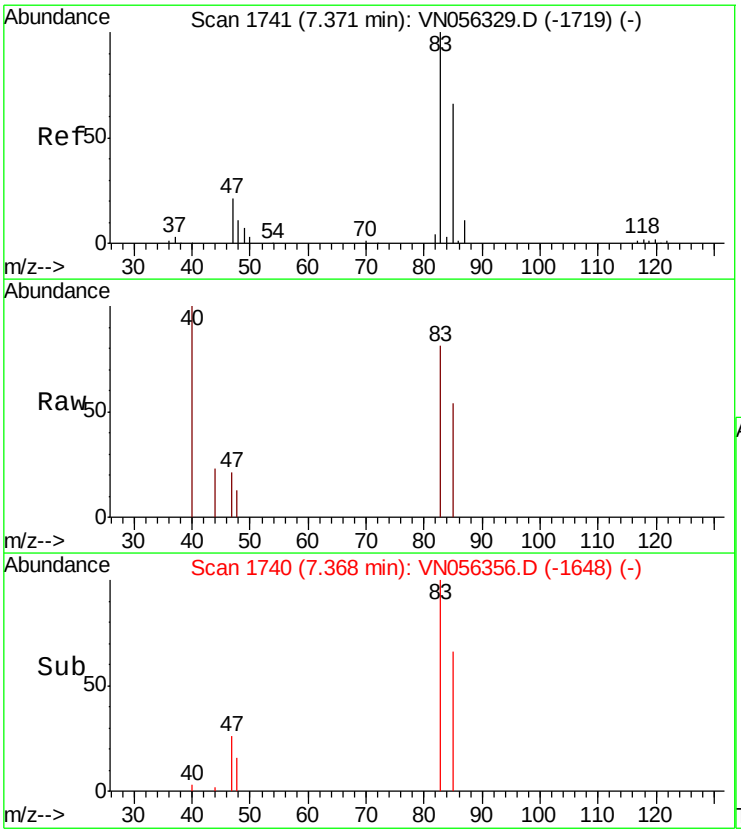
#29
Tetrahydrofuran
Concen: 0.500 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 748

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.3	52.9#
71	20.6	32.7	49.1#

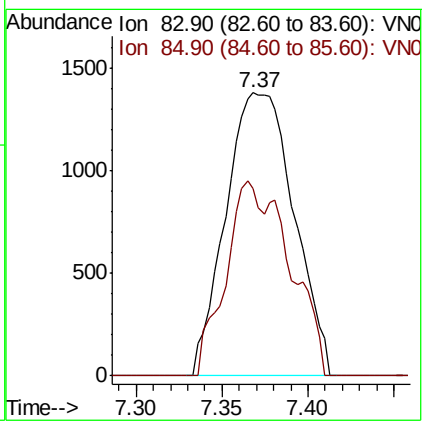


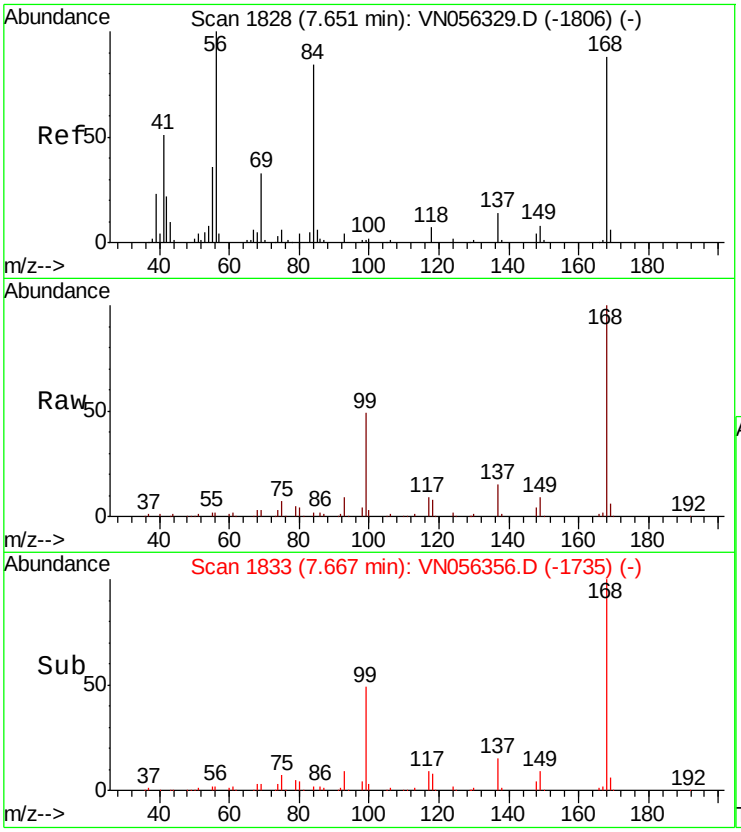


#30
Chloroform
Concen: 0.636 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 83 Resp: 3805

Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.6	78.8



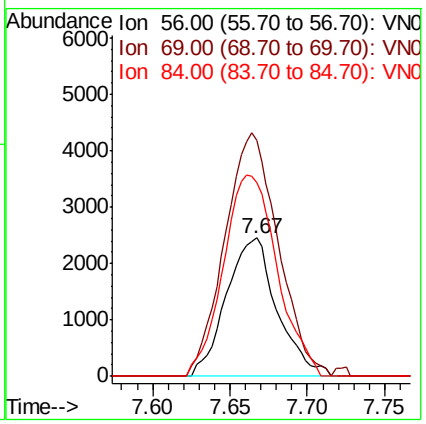


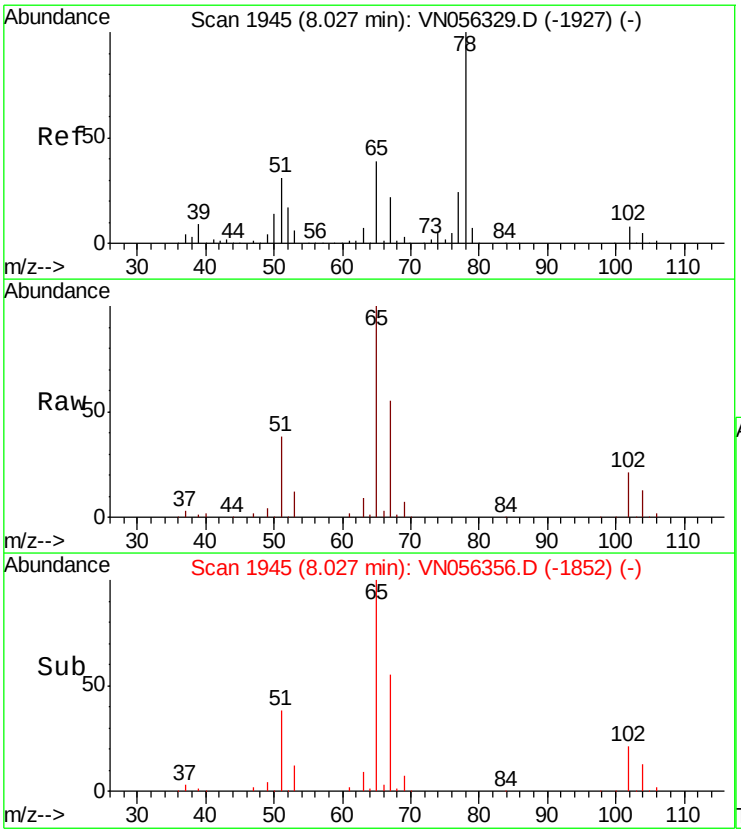
#31
Cyclohexane
Concen: 0.967 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 5608

Ion	Ratio	Lower	Upper
56	100		
69	170.6	26.0	39.0#
84	140.1	67.4	101.0#

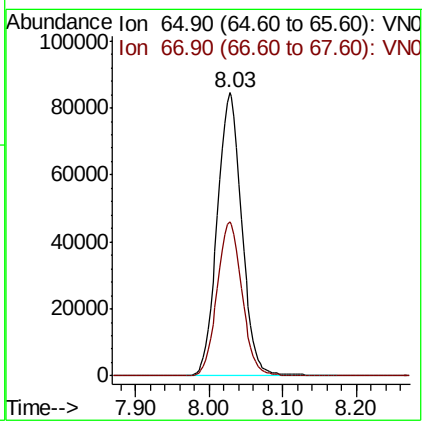


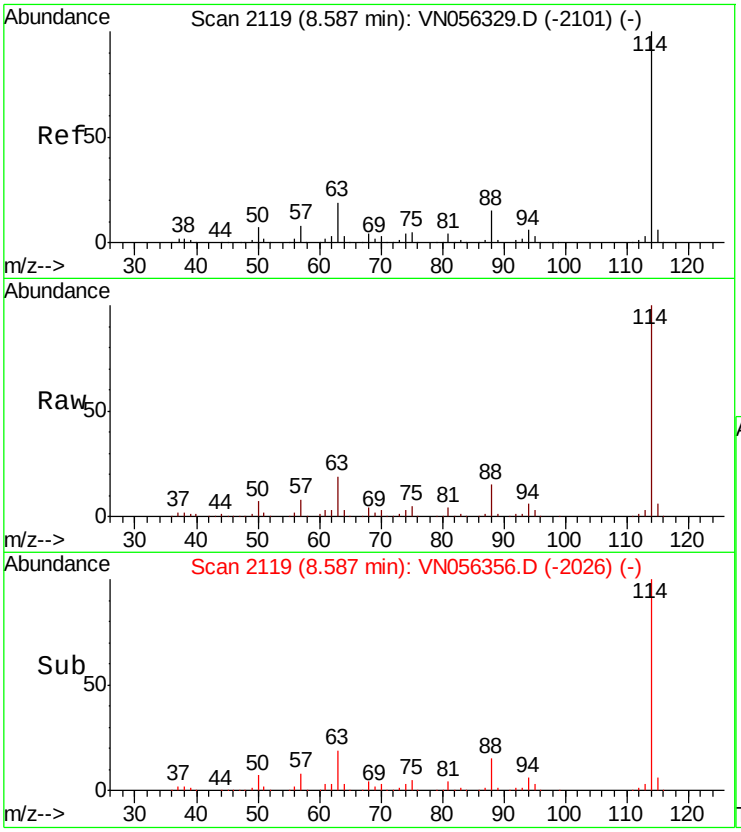


#33
1,2-Dichloroethane-d4
Concen: 52.026 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 65 Resp: 195817

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	110.8



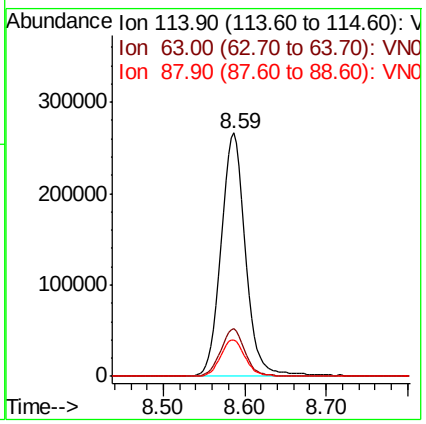


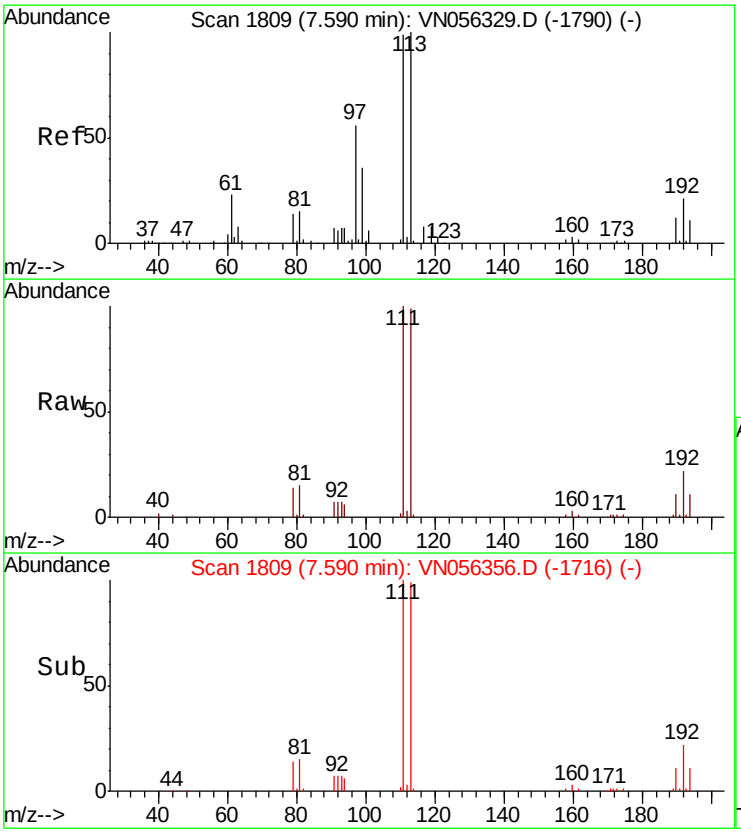
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 567750

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	15.1	0.0	30.6

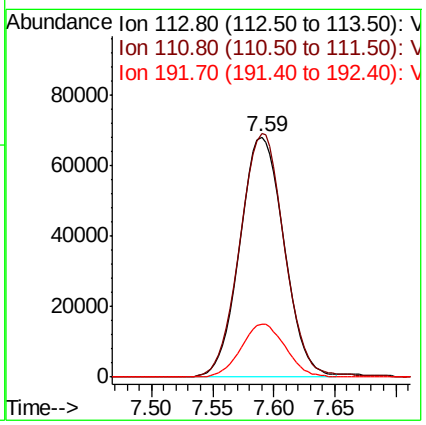


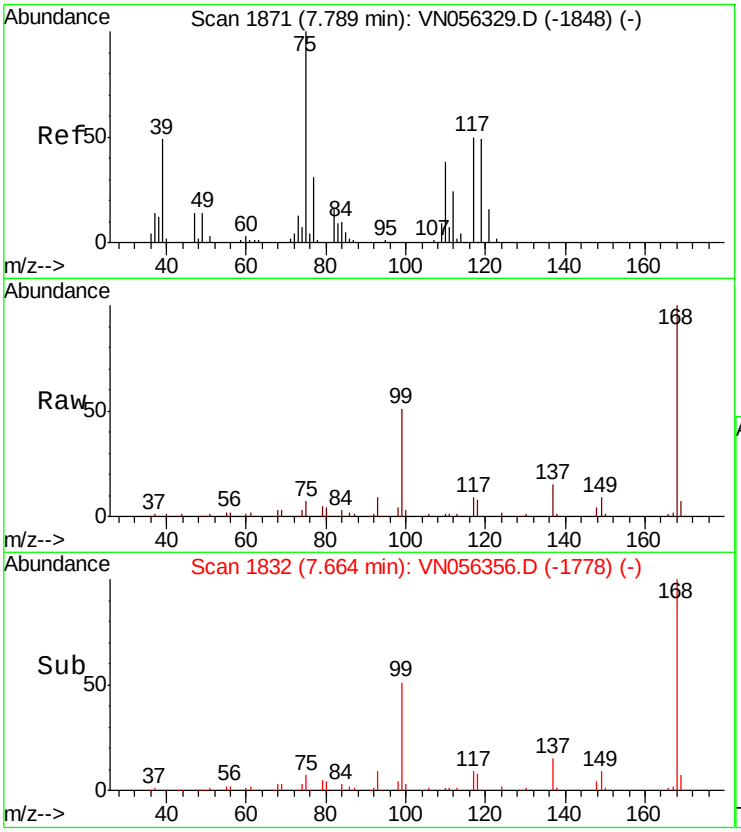


#35
Dibromofluoromethane
Concen: 46.960 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:113 Resp: 170976

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.1	123.1
192	22.1	17.6	26.4



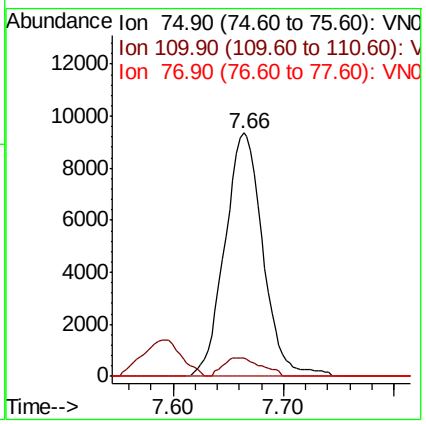


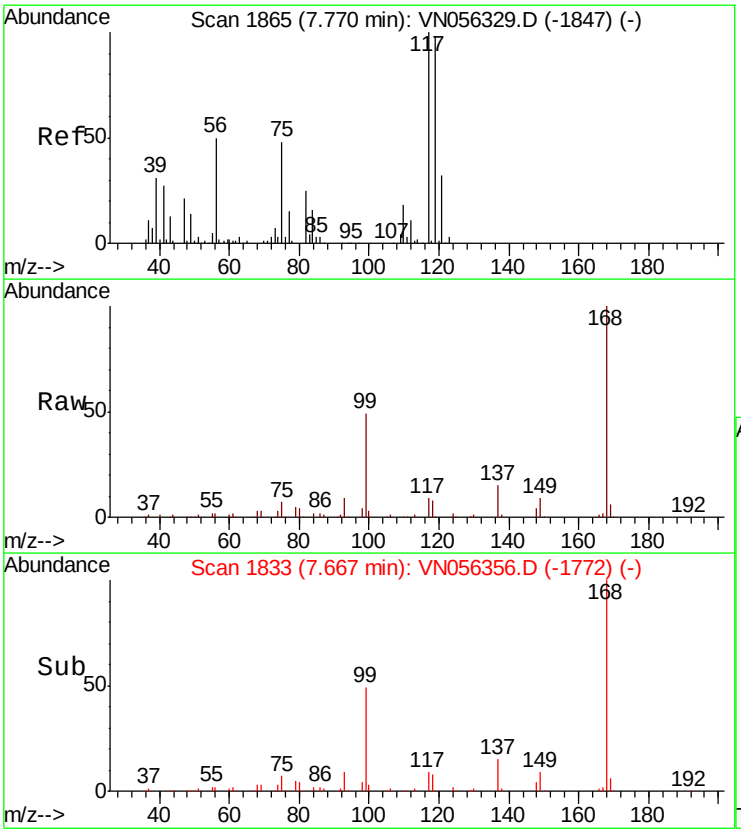
#36
1,1-Dichloropropene
Concen: 4.378 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 22366

Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.6	56.0#
77	0.0	25.0	37.6#

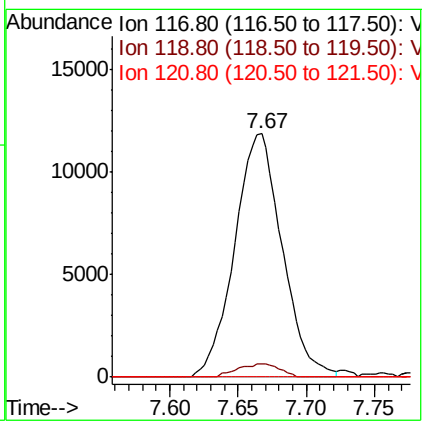


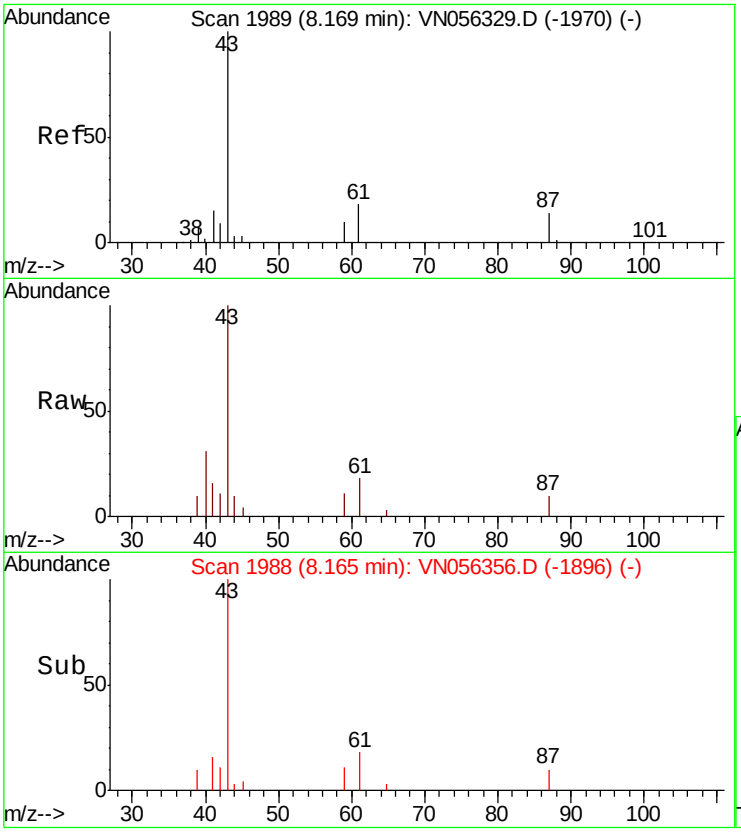


#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:117 Resp: 28793

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.8	116.8#
121	0.0	25.3	37.9#



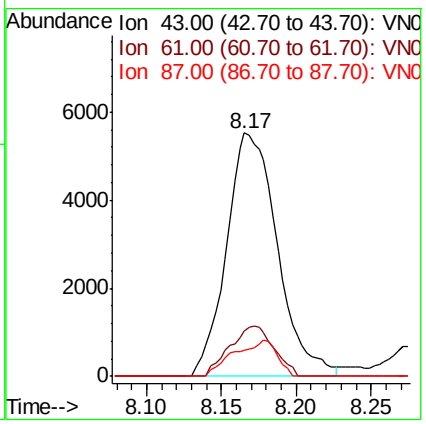


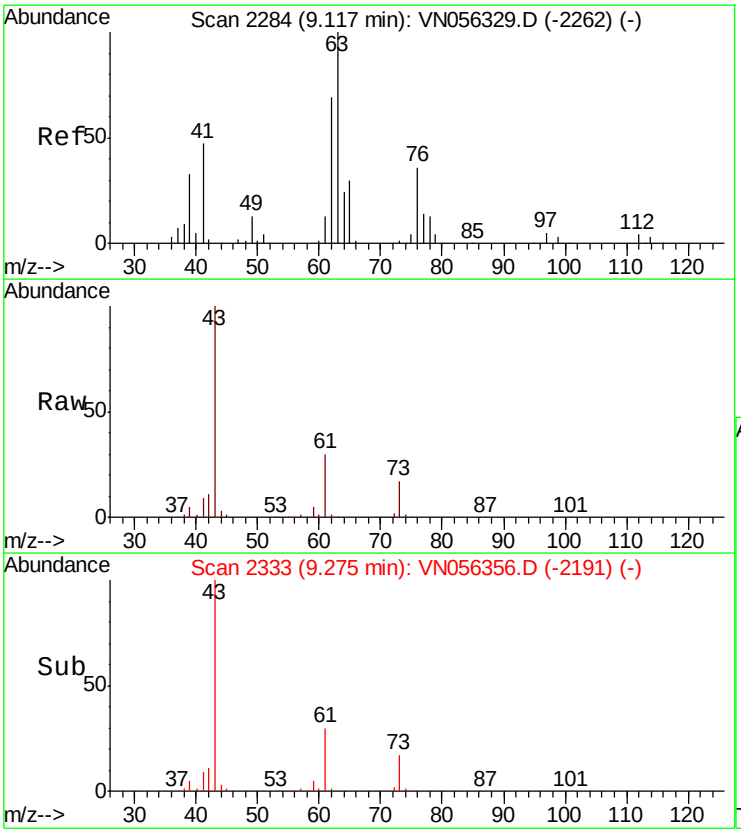
#43
Isopropyl Acetate
Concen: 1.690 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 13087

Ion	Ratio	Lower	Upper
43	100		
61	17.8	16.6	25.0
87	12.5	11.0	16.4

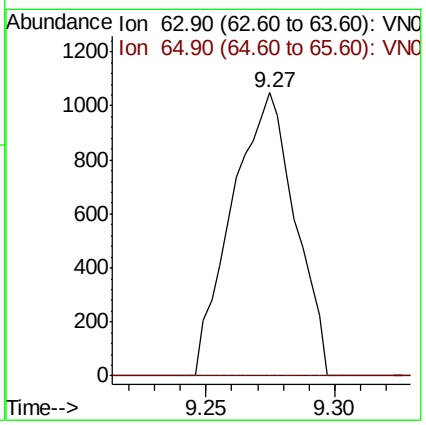


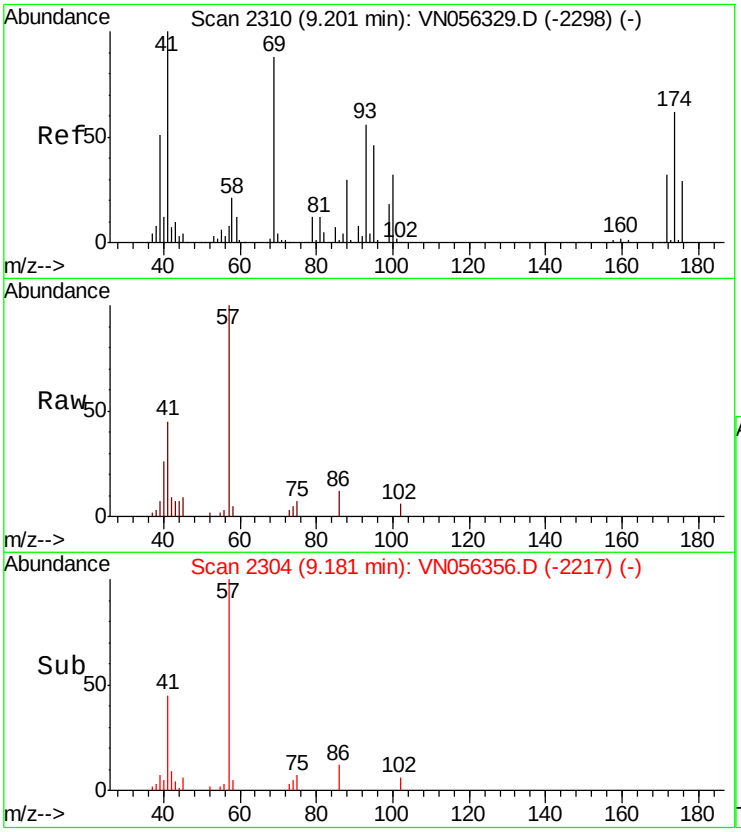


#45
1,2-Dichloropropane
Concen: 0.437 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.16 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 63 Resp: 1788

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.4	36.6#



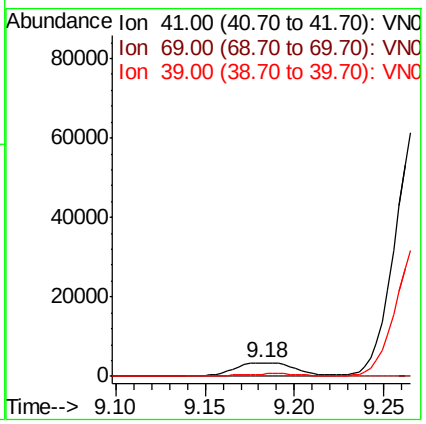


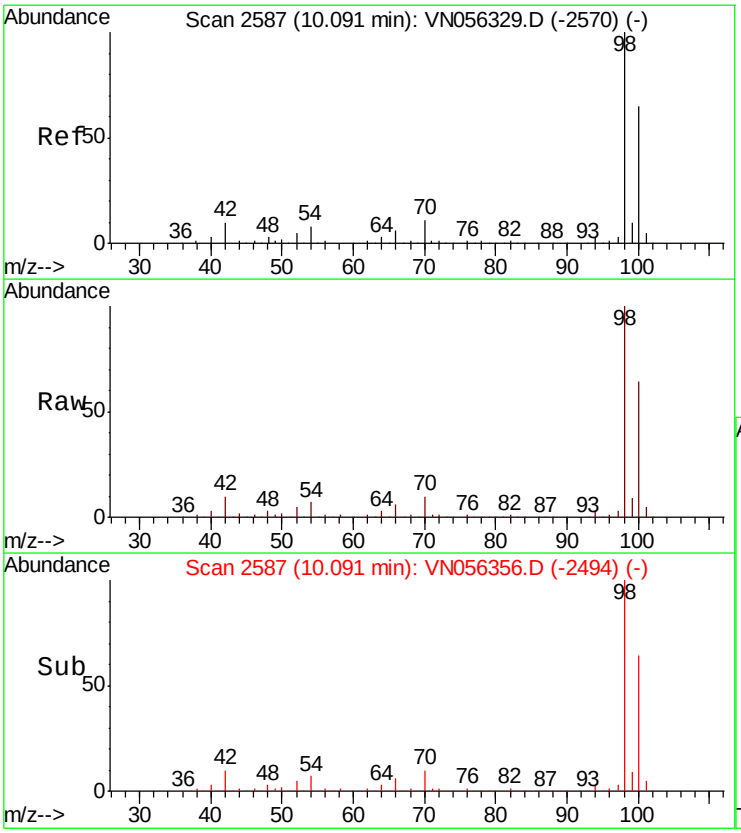
#48
Methyl methacrylate
Concen: 2.113 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 8255

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.0	106.6#
39	0.0	41.7	62.5#

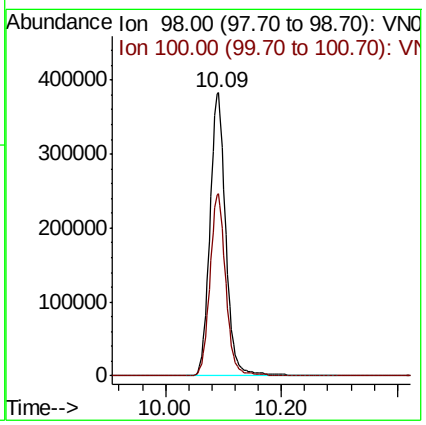


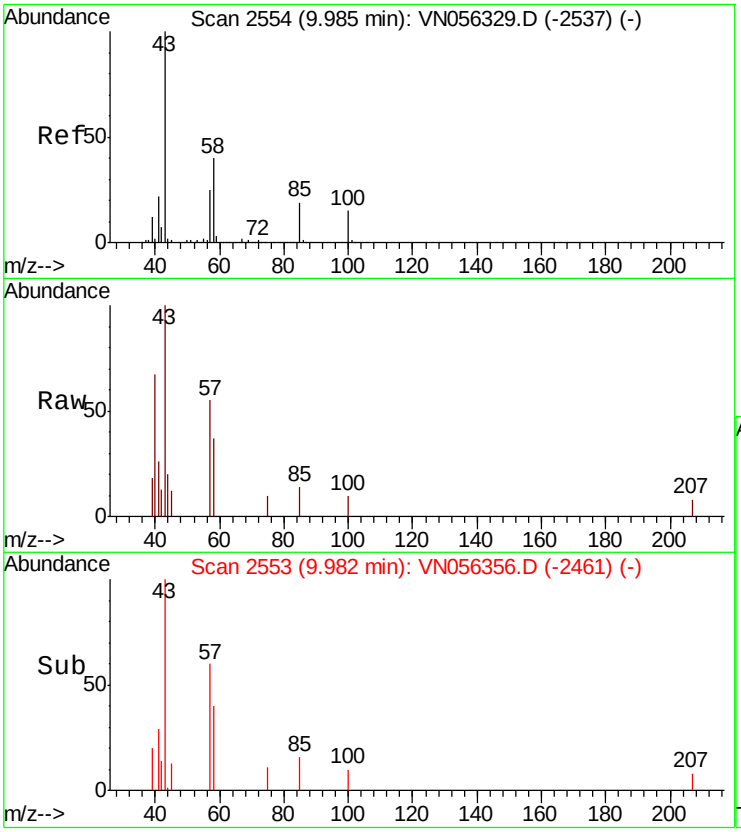


#50
Toluene-d8
Concen: 52.487 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 98 Resp: 730044

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4



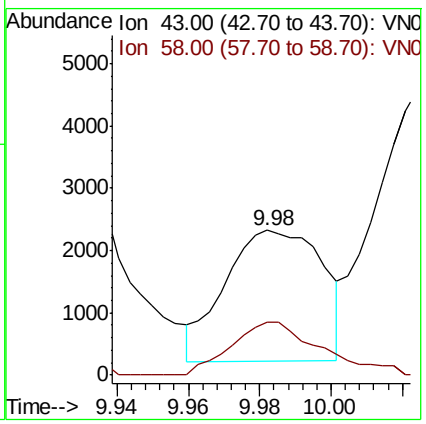


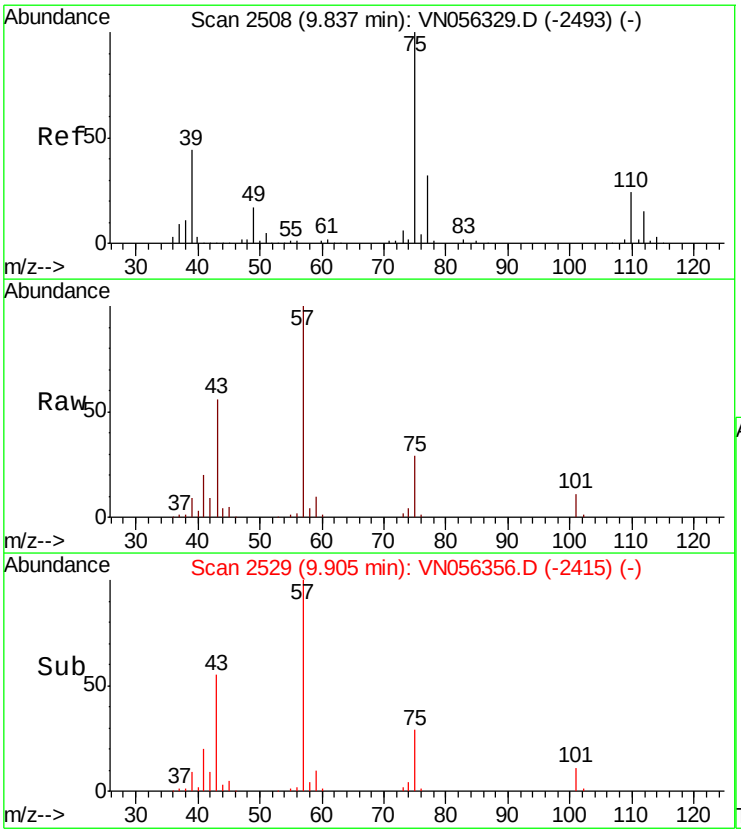
#51
4-Methyl-2-Pentanone
Concen: 0.812 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4007

Ion	Ratio	Lower	Upper
43	100		
58	37.2	31.8	47.6

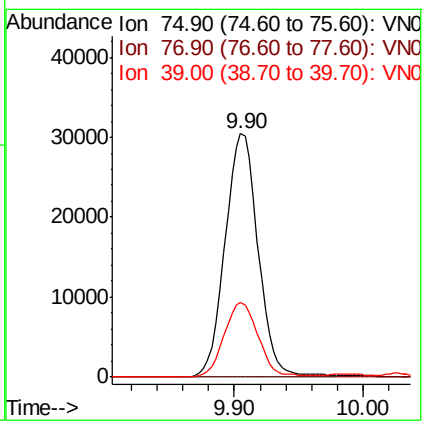


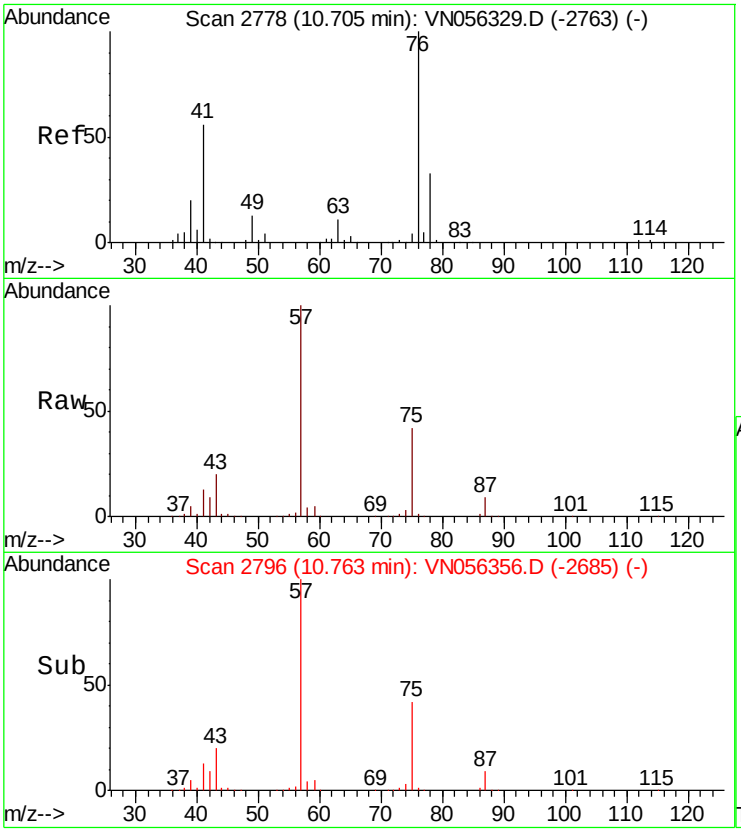


#54
cis-1,3-Dichloropropene
Concen: 9.094 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 75 Resp: 54158

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#
39	30.5	35.4	53.0#



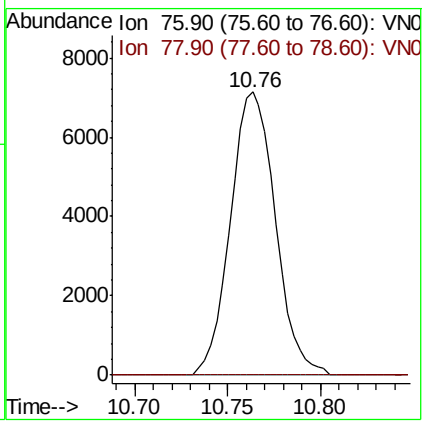


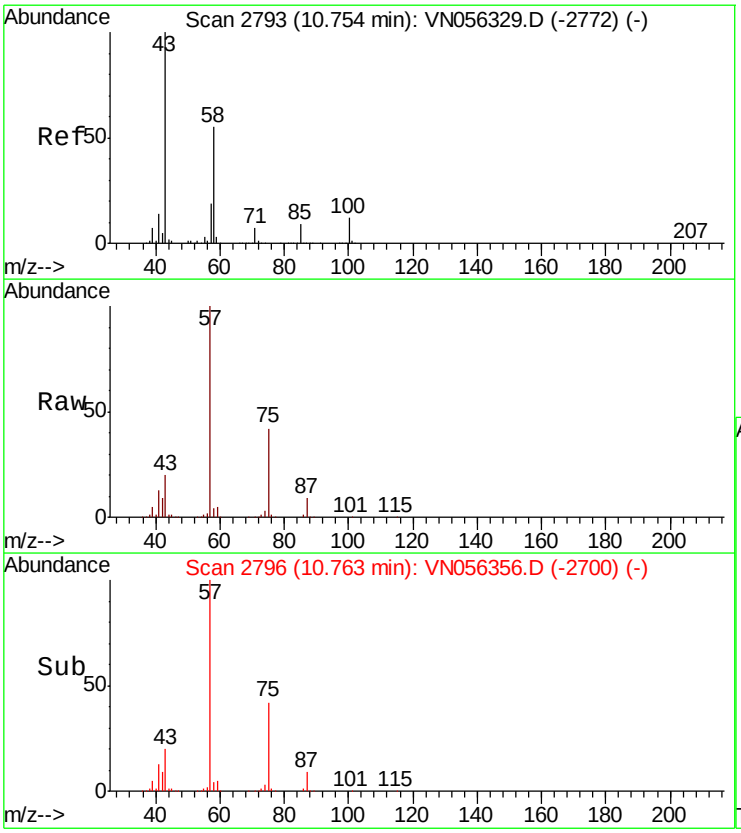
#57
1,3-Dichloropropane
Concen: 1.838 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 12033

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.2#

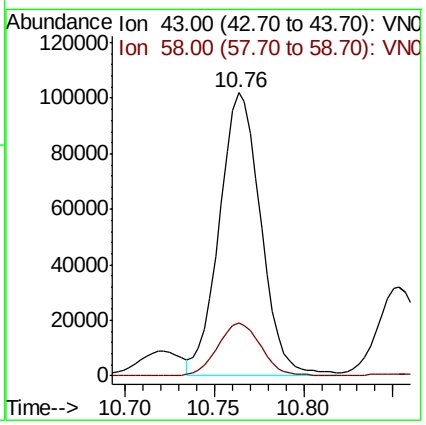


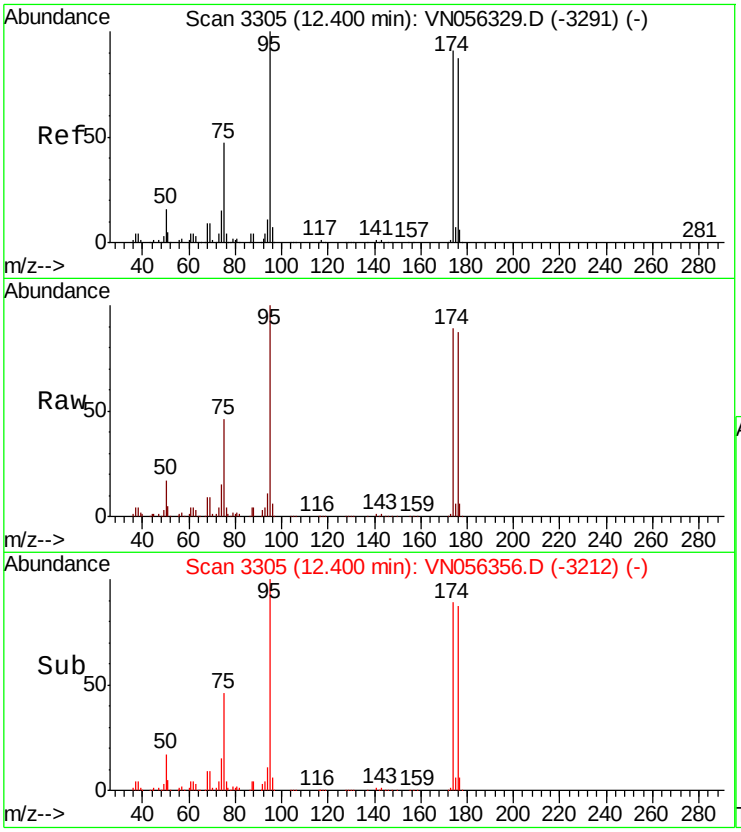


#59
2-Hexanone
Concen: 44.758 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 43 Resp: 163858

Ion	Ratio	Lower	Upper
43	100		
58	19.8	27.8	83.4#



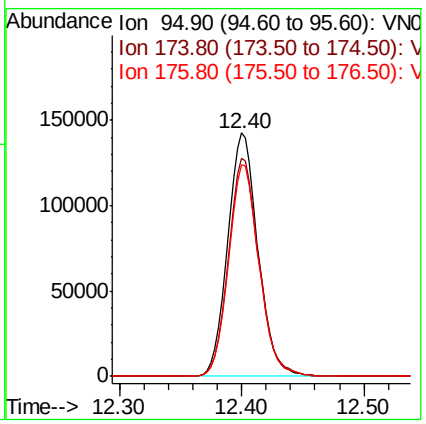


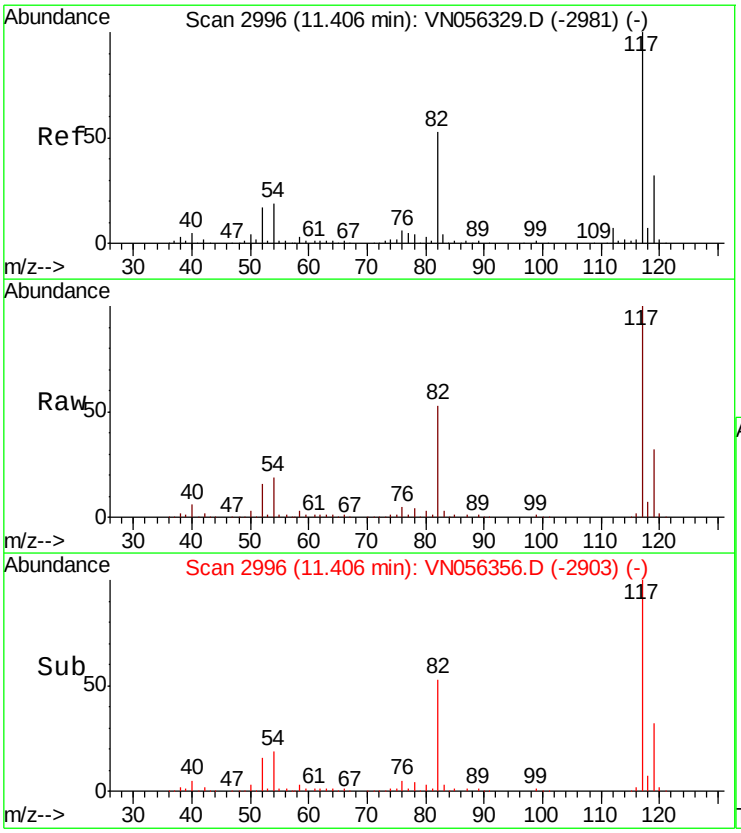
#62
4-Bromofluorobenzene
Concen: 53.567 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 246897

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	182.6
176	87.1	0.0	176.8

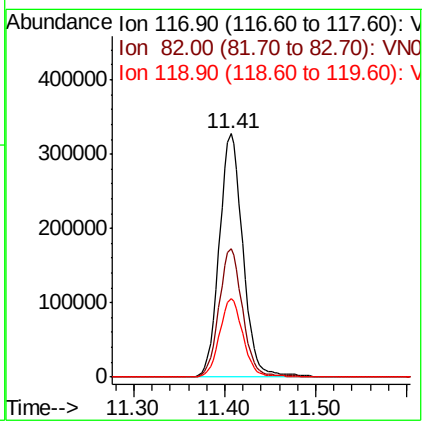


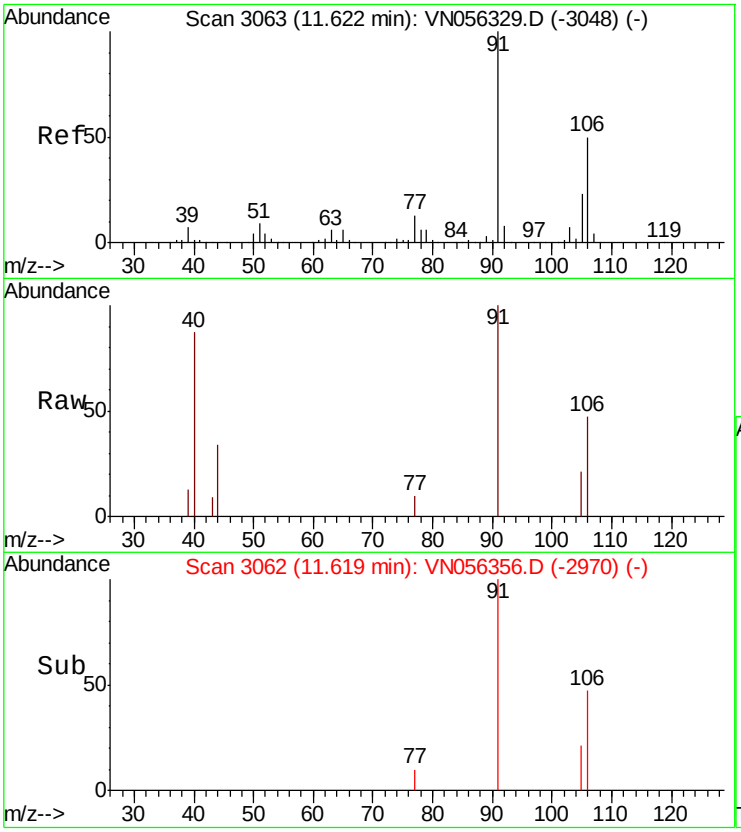


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:117 Resp: 590667

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.4	63.6
119	32.2	26.0	39.0



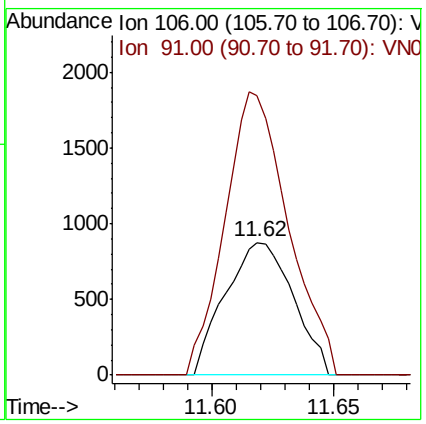


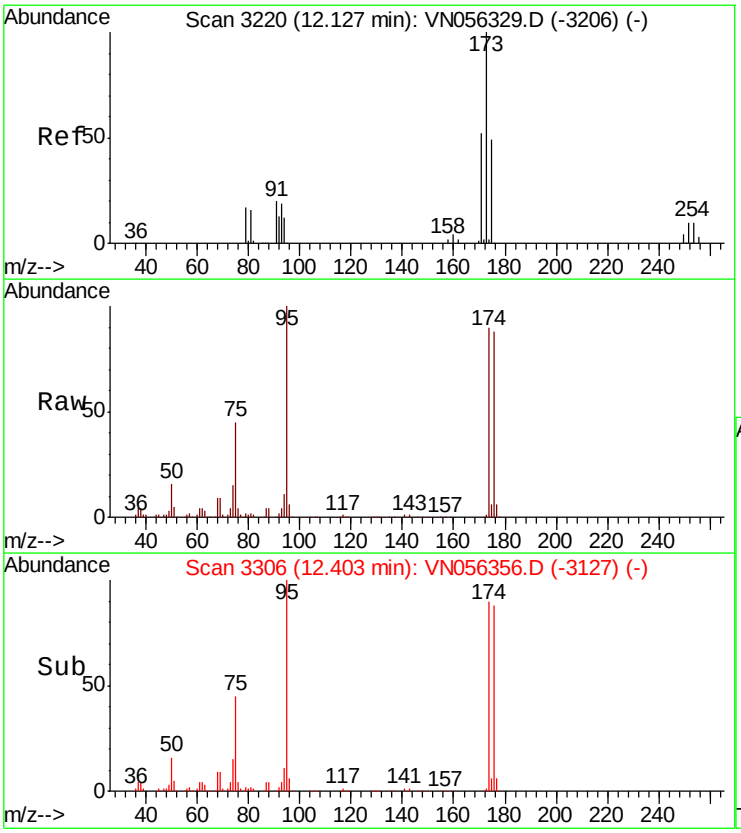
#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 1692

Ion	Ratio	Lower	Upper
106	100		
91	199.1	160.7	241.1

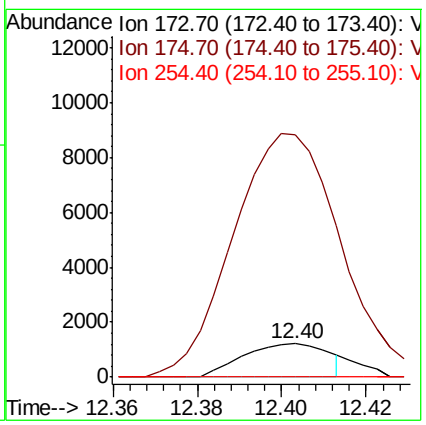


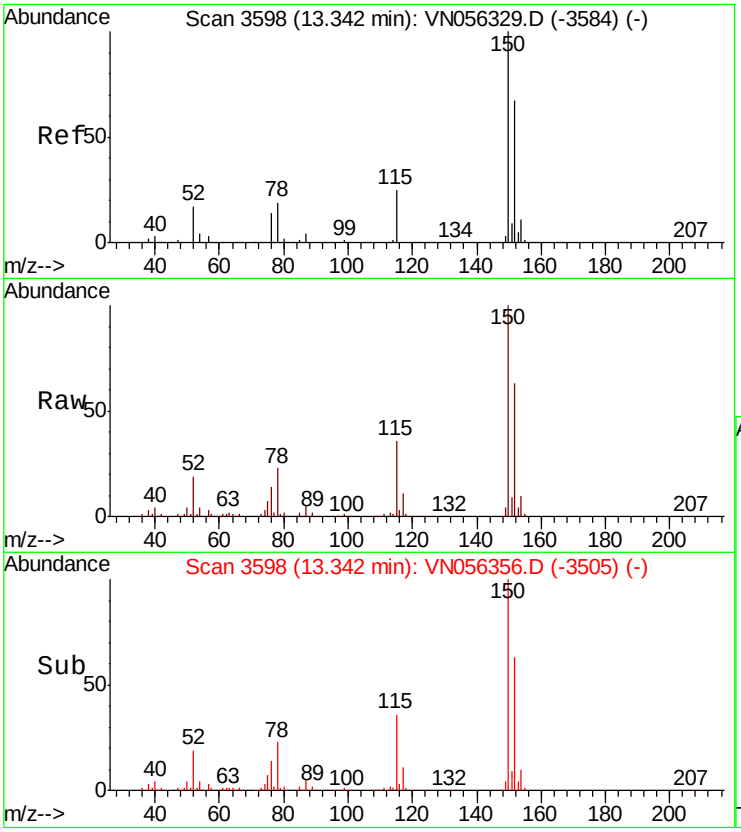


#71
Bromoform
Concen: 0.493 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:173 Resp: 1716

Ion	Ratio	Lower	Upper
173	100		
175	799.1	24.3	73.0#
254	0.0	0.0	0.0



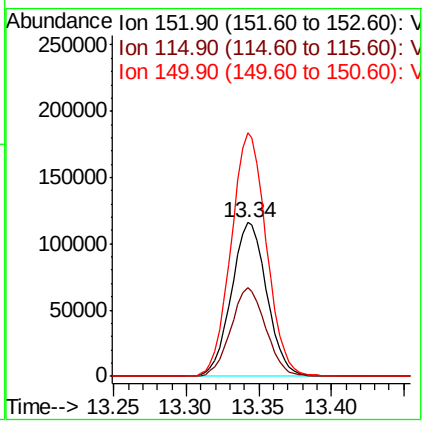


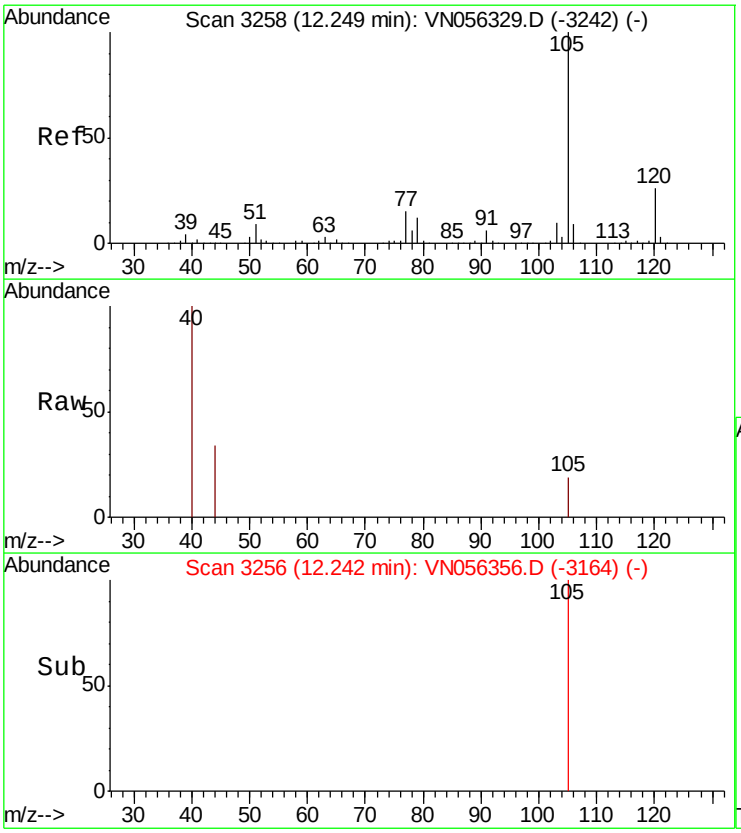
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 196379

Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.8	83.3
150	157.9	0.0	345.8

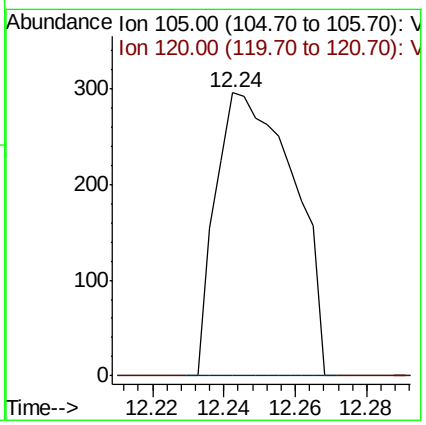


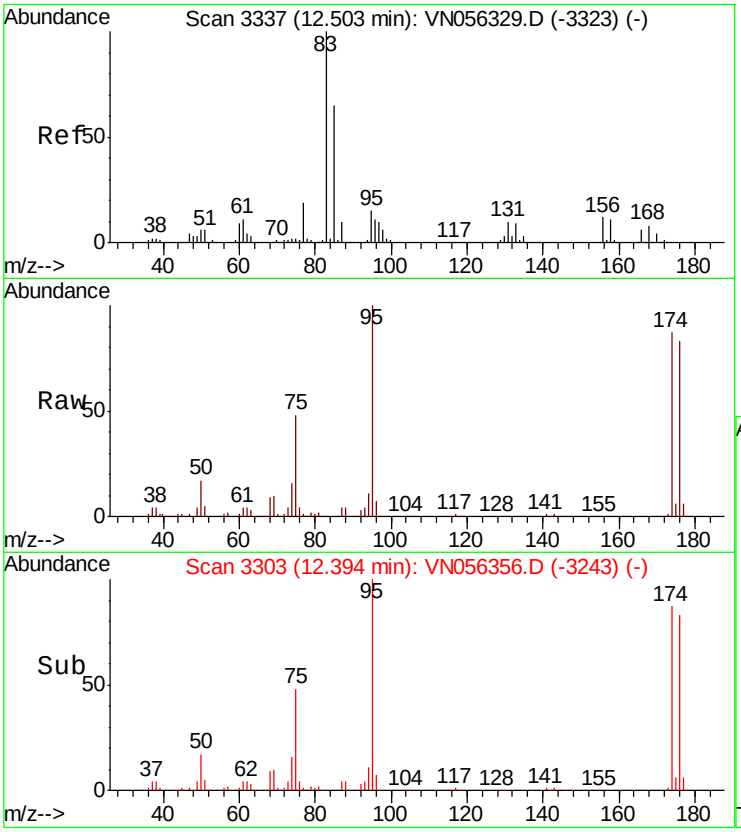


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.24 min Scan# 3256
Delta R.T. -0.01 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:105 Resp: 445

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.3	39.8#



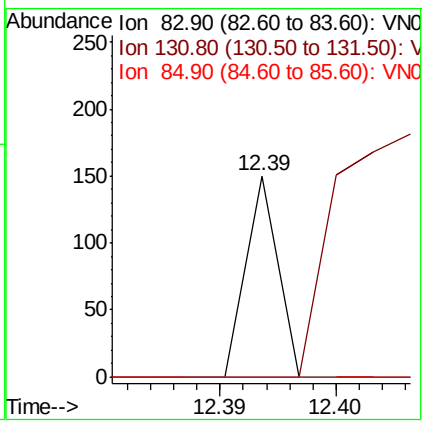


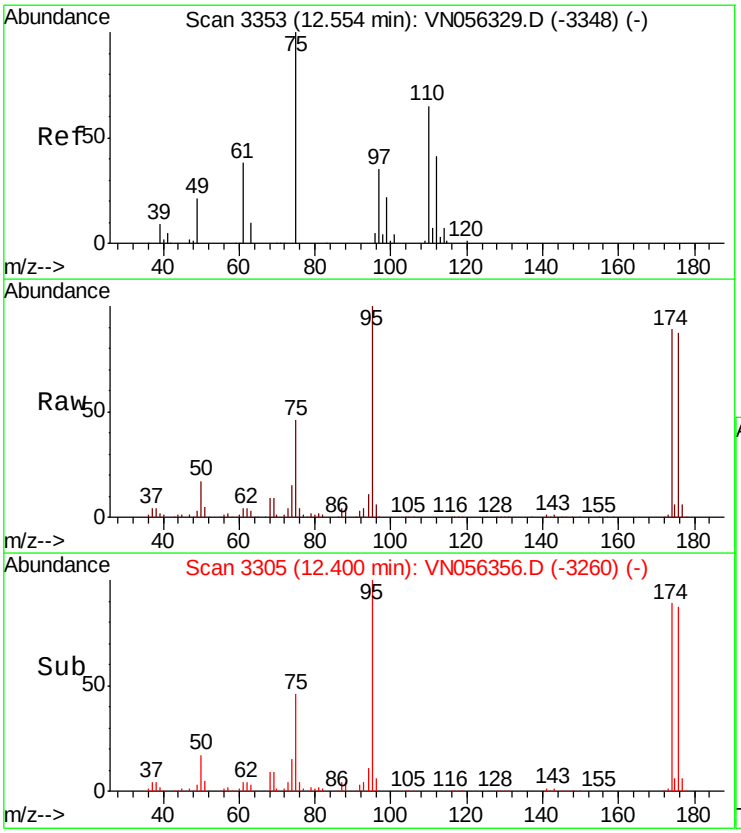
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.39 min Scan# 3303
Delta R.T. -0.11 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 29

Ion	Ratio	Lower	Upper
83	100		
131	555.2	5.3	15.8#
85	0.0	32.2	96.6#

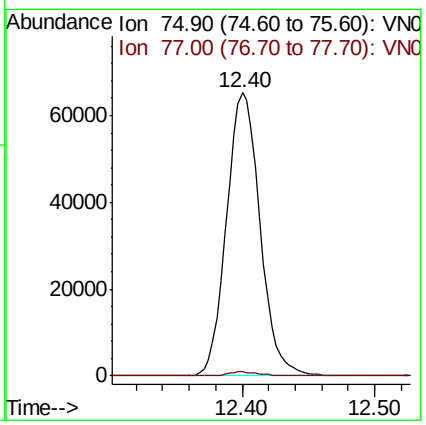


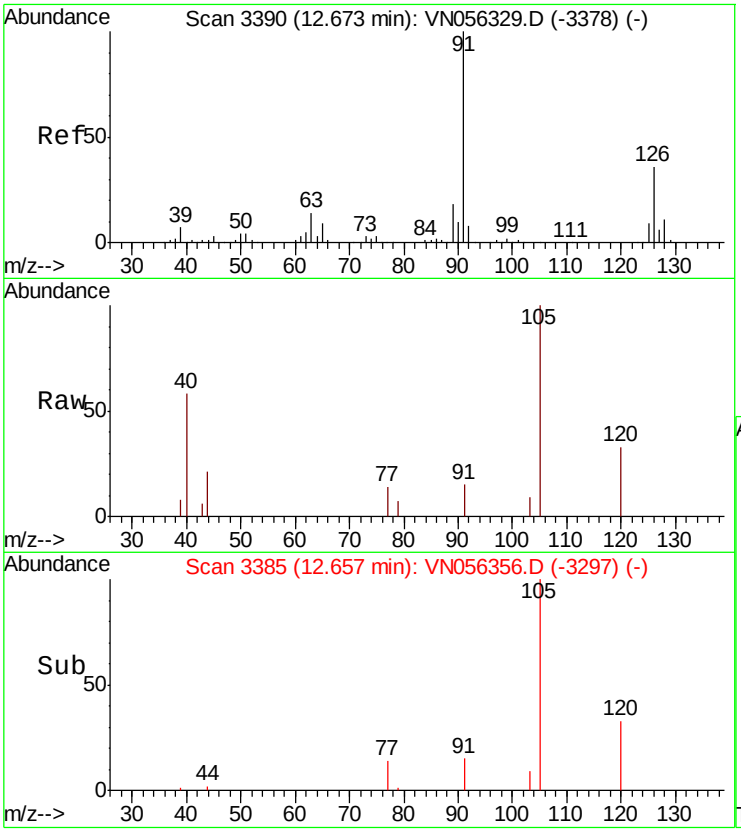


#76
1,2,3-Trichloropropane
Concen: 27.286 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion: 75 Resp: 114486

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



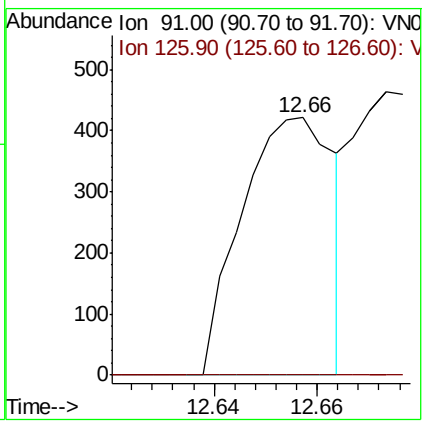


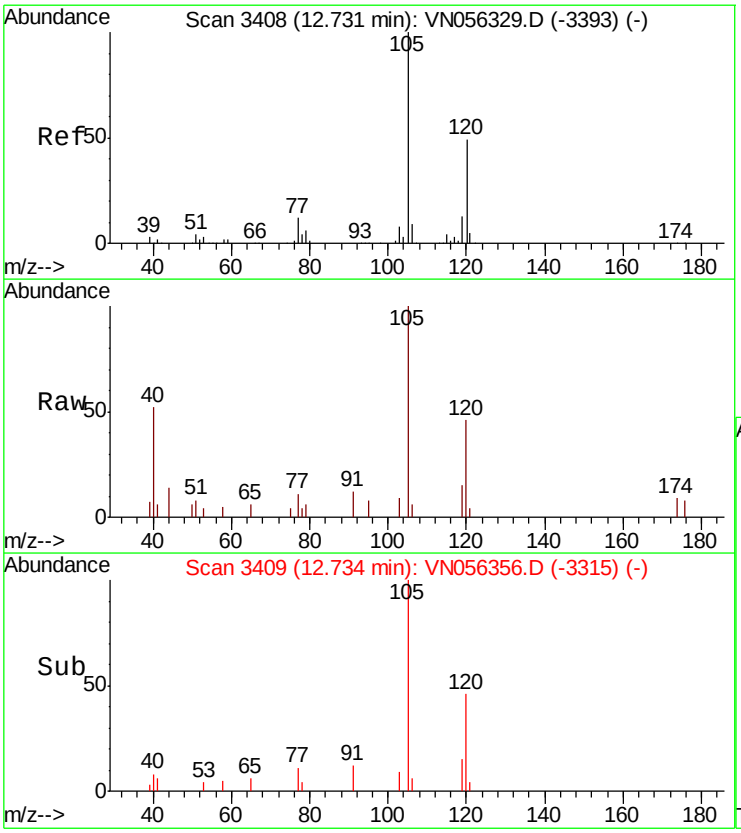
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.66 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 520

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.0	54.0#

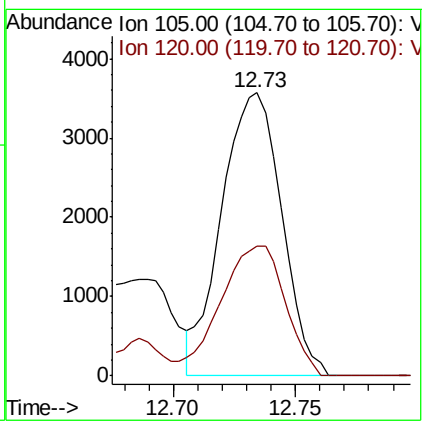


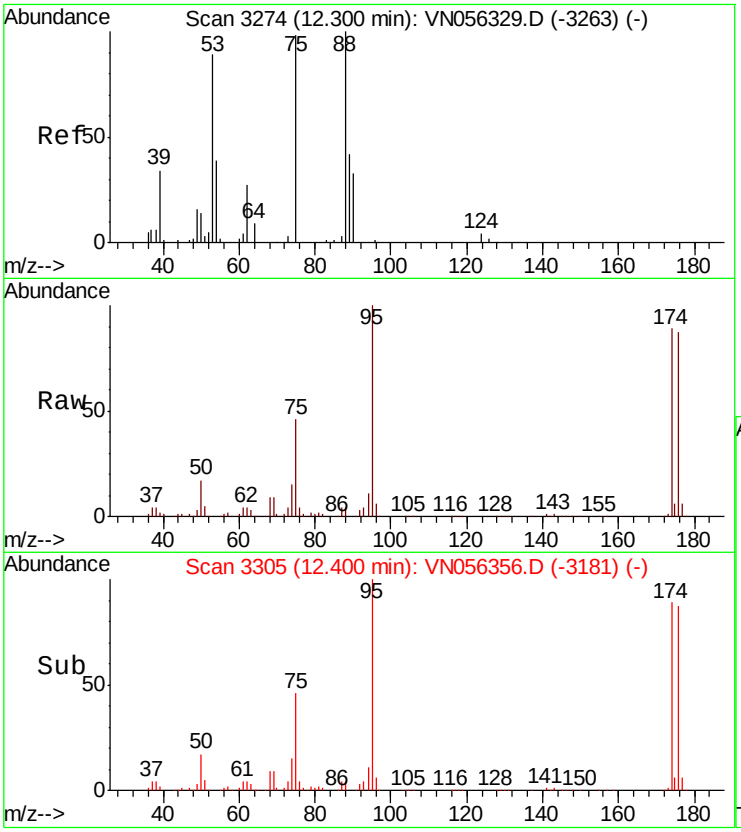


#80
1,3,5-Trimethylbenzene
Concen: 0.446 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:105 Resp: 6109

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.4	73.4



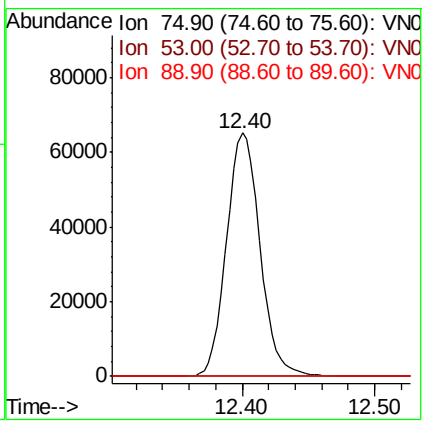


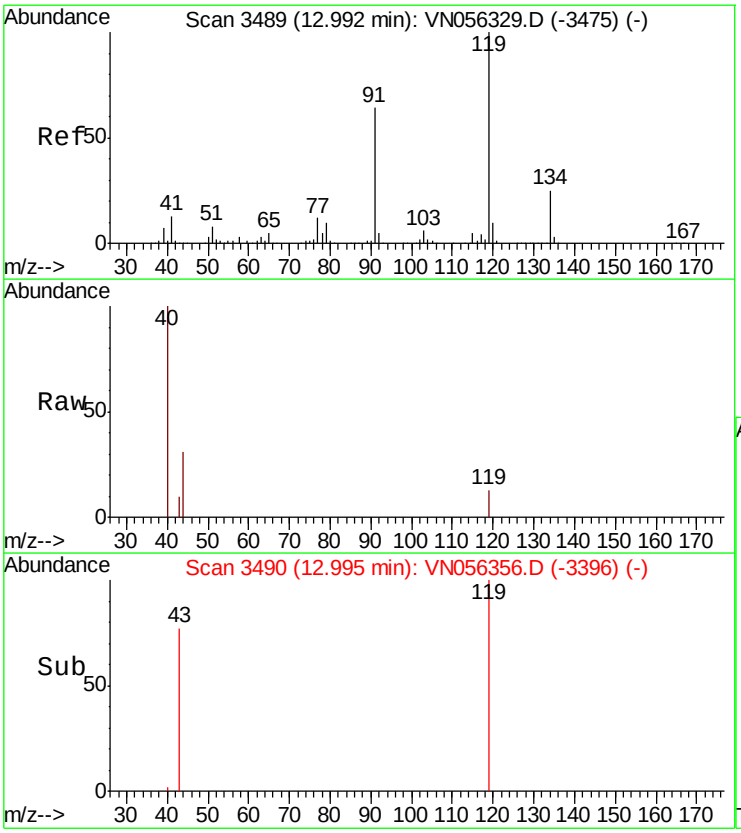
#81
trans-1,4-Dichloro-2-butene
Concen: 84.776 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 114486

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.5	110.3#
89	0.0	35.4	53.2#

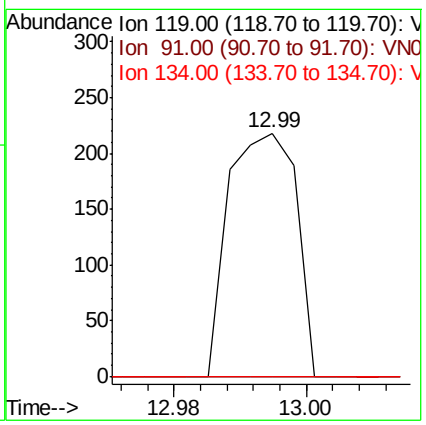


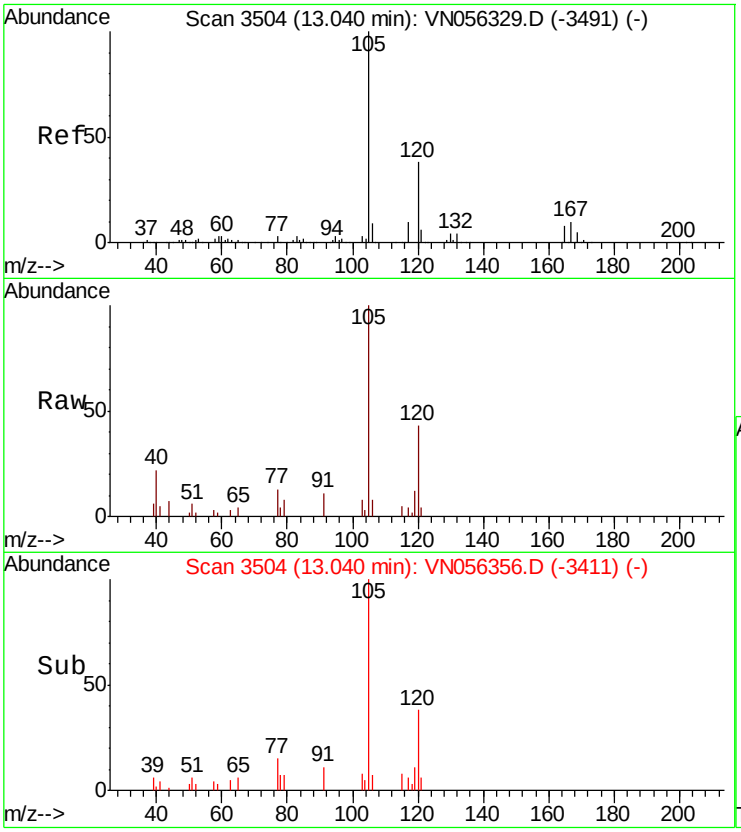


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:119 Resp: 155

Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.5	94.5#
134	0.0	13.6	40.7#



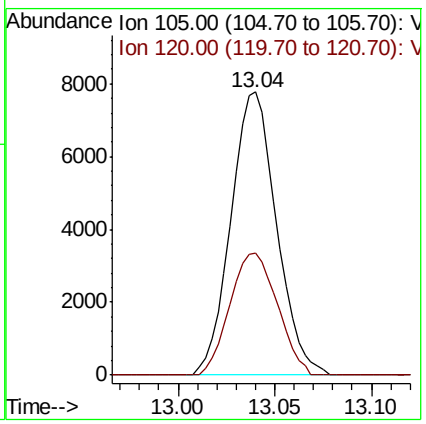


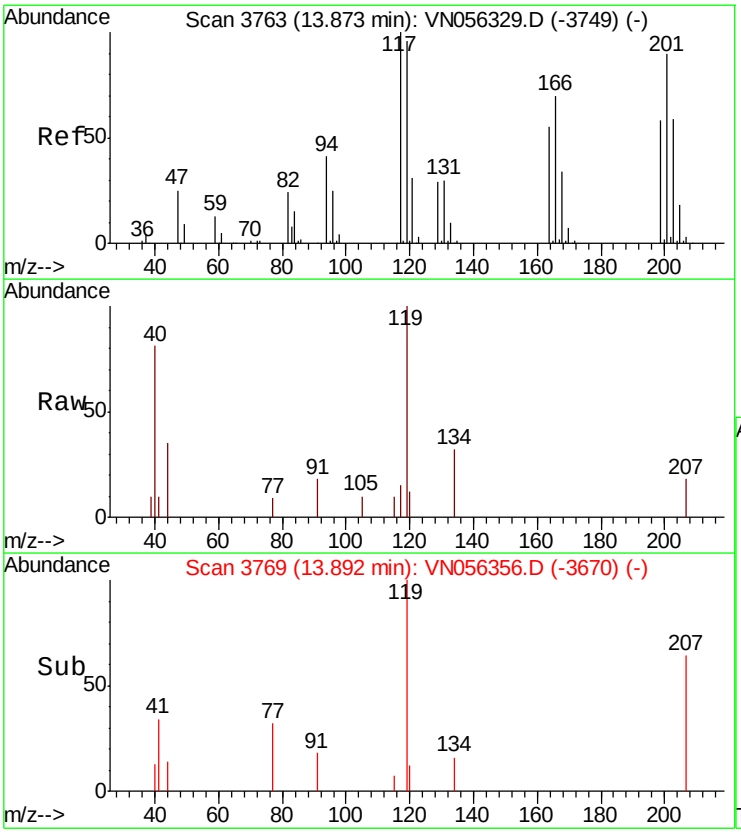
#84
1,2,4-Trimethylbenzene
Concen: 0.999 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 12748

Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.1	69.2

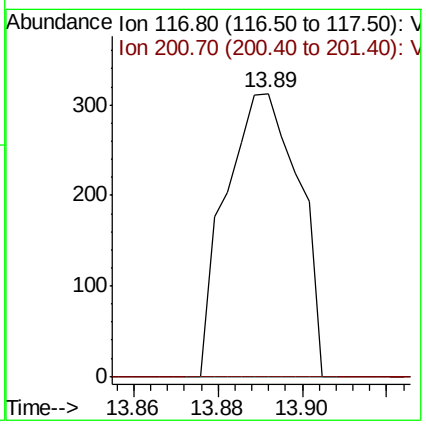


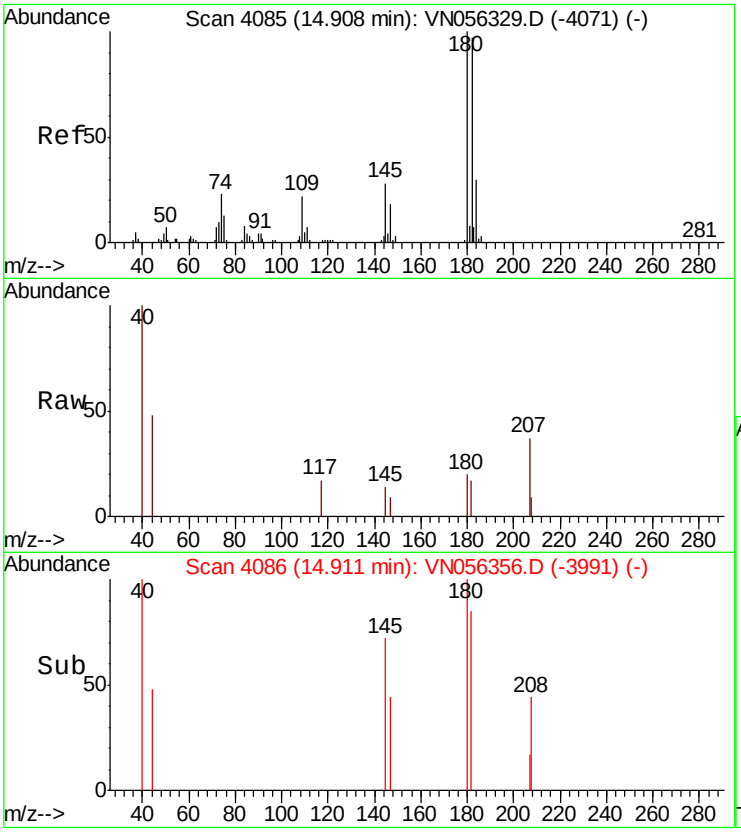


#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:117 Resp: 376

Ion	Ratio	Lower	Upper
117	100		
201	0.0	45.8	137.3#



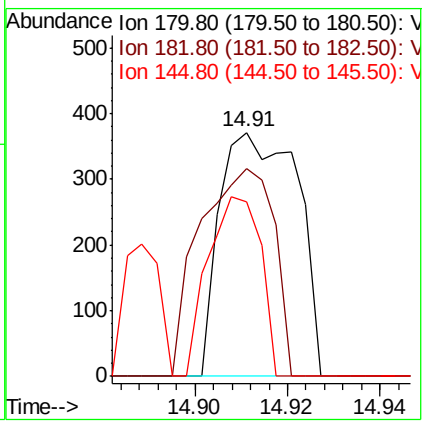


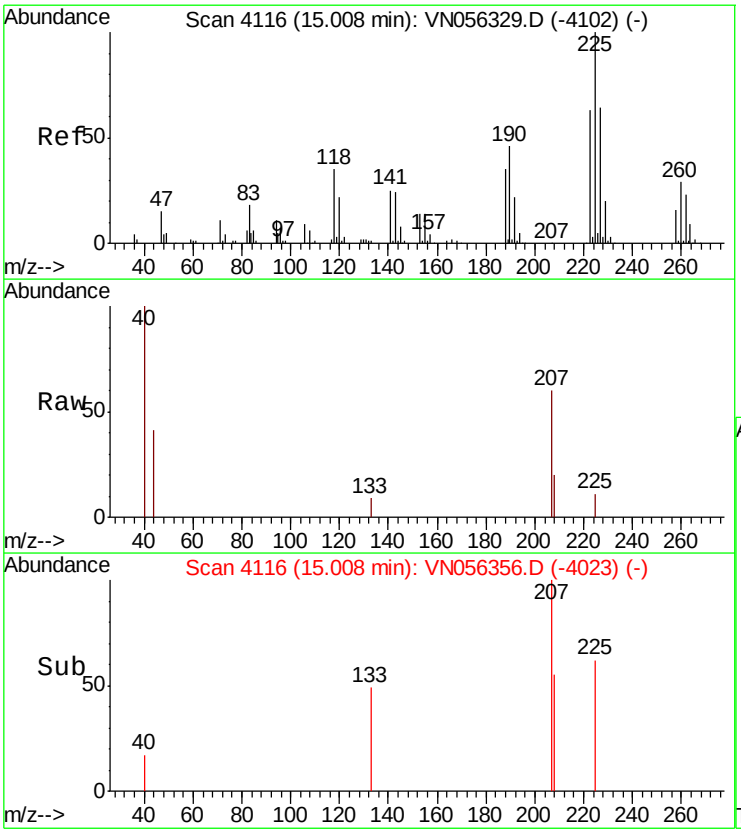
#93
1,2,4-Trichlorobenzene
Concen: 5.420 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 433

Ion	Ratio	Lower	Upper
180	100		
182	81.3	47.4	142.3
145	49.4	14.0	41.9#

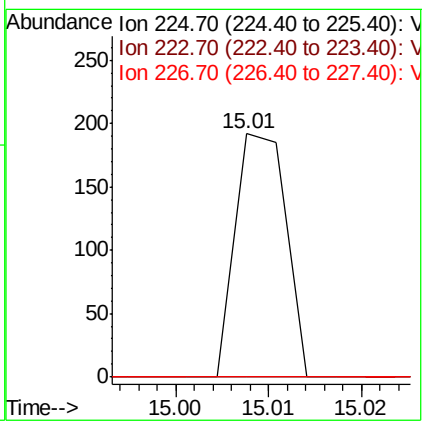


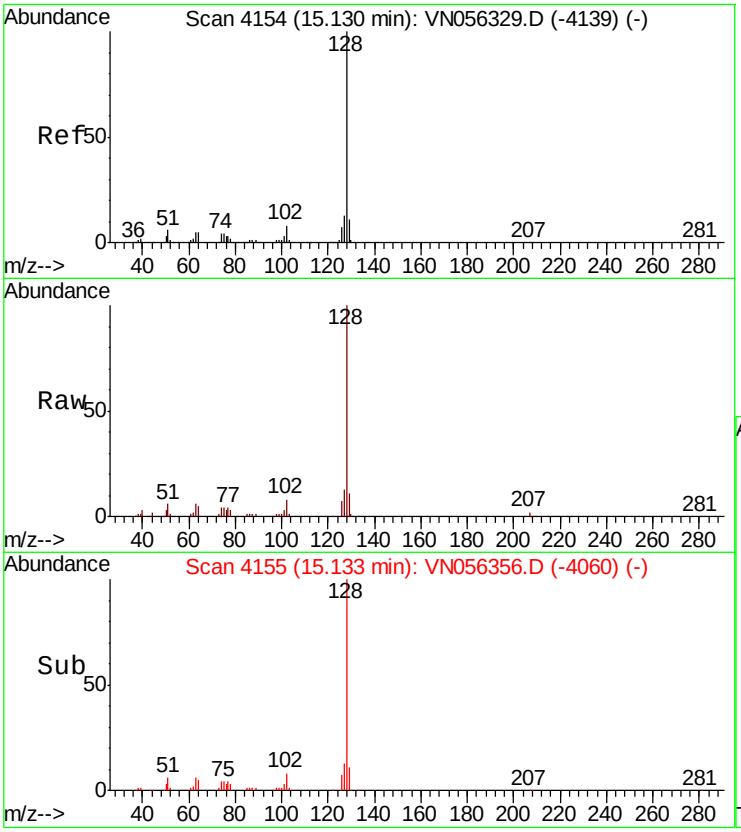


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:225 Resp: 73

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.2	93.6#
227	0.0	31.7	95.1#



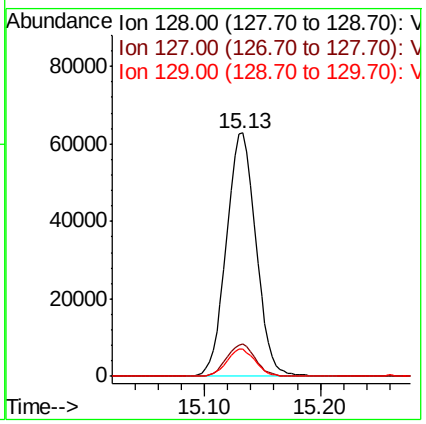


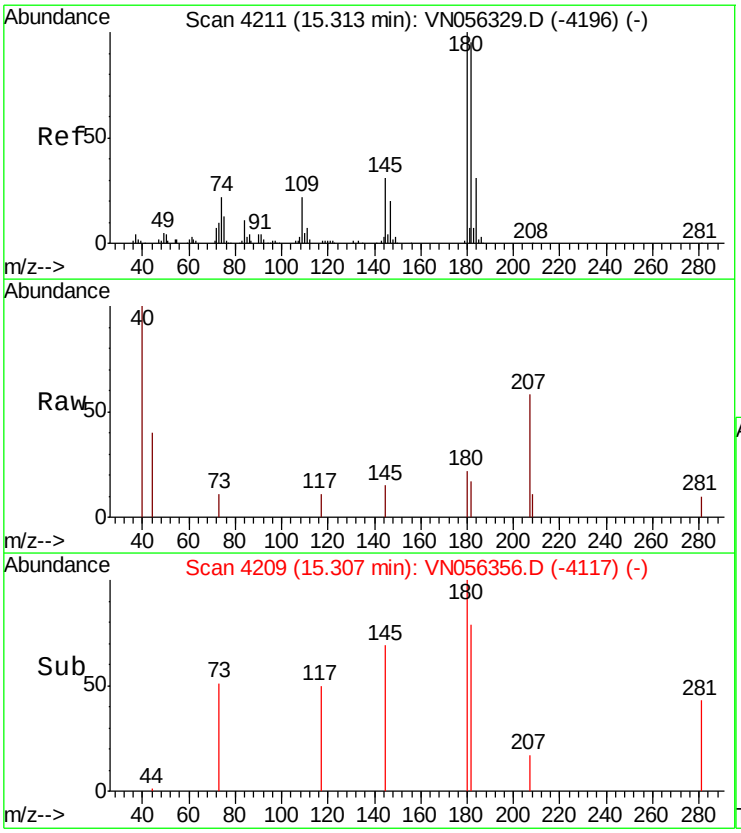
#95
Naphthalene
Concen: 15.845 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 110813

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.7	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 3.897 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.01 min
Lab File: VN056356.D
Acq: 18 Jun 2019 11:21

Tgt Ion:180 Resp: 363

Ion	Ratio	Lower	Upper
180	100		
182	173.8	47.1	141.4#
145	117.9	14.9	44.9#