Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
Data File : VN055397.D
Acq On : 3 May 2019 18:17
Operator : JC/SP
Sample : K2635-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Quant Time: May 03 23:23:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	469833	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	786771	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	728171	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	230438	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	315648	51.35 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.70%		
35) Dibromofluoromethane	7.59	113	253836	49.15 ug/l	0.00
Spiked Amount 50.000			Recovery = 98.30%		
50) Toluene-d8	10.09	98	989201	53.05 ug/l	0.00
Spiked Amount 50.000			Recovery = 106.10%		
62) 4-Bromofluorobenzene	12.40	95	331003	56.80 ug/l	0.00
Spiked Amount 50.000			Recovery = 113.60%		
Target Compounds					Qvalue
11) Tert butyl alcohol	4.78	59	271	0.770 ug/l #	73
16) Acetone	3.83	43	16872	8.810 ug/l	94
18) Methyl Acetate	4.34	43	4013	Below Cal #	74
20) Methylene Chloride	4.55	84	14205	2.430 ug/l	96
25) 2-Butanone	6.85	43	1261	0.515 ug/l #	53
29) Tetrahydrofuran	7.23	42	1342	0.856 ug/l #	83
31) Cyclohexane	7.67	56	10033	1.038 ug/l #	4
36) 1,1-Dichloropropene	7.67	75	36077	4.787 ug/l #	50
38) Carbon Tetrachloride	7.66	117	44676	6.146 ug/l #	15
41) Methacrylonitrile	7.21	41	544	0.911 ug/l #	26
43) Isopropyl Acetate	8.17	43	12682	1.366 ug/l #	80
48) Methyl methacrylate	9.18	41	6582	1.442 ug/l #	35
51) 4-Methyl-2-Pentanone	9.99	43	3819	0.731 ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	48164	5.923 ug/l #	66
57) 1,3-Dichloropropane	10.77	76	9287	1.118 ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	108	12.462 ug/l #	52
59) 2-Hexanone	10.76	43	150080	45.899 ug/l #	54
71) Bromoform	12.41	173	3054	0.987 ug/l #	1
73) Isopropylbenzene	12.25	105	574	Below Cal #	49
75) 1,1,2,2-Tetrachloroethane	12.40	83	268	Below Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	168819	38.852 ug/l #	100
79) 2-Chlorotoluene	12.68	91	218	Below Cal #	42
80) 1,3,5-Trimethylbenzene	12.73	105	5640	0.312 ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	168819	138.833 ug/l #	7
83) tert-Butylbenzene	12.99	119	118	Below Cal #	25
84) 1,2,4-Trimethylbenzene	13.04	105	7162	0.443 ug/l	98
90) Hexachloroethane	13.88	117	108	Below Cal #	7
95) Naphthalene	15.13	128	3793	3.881 ug/l #	83

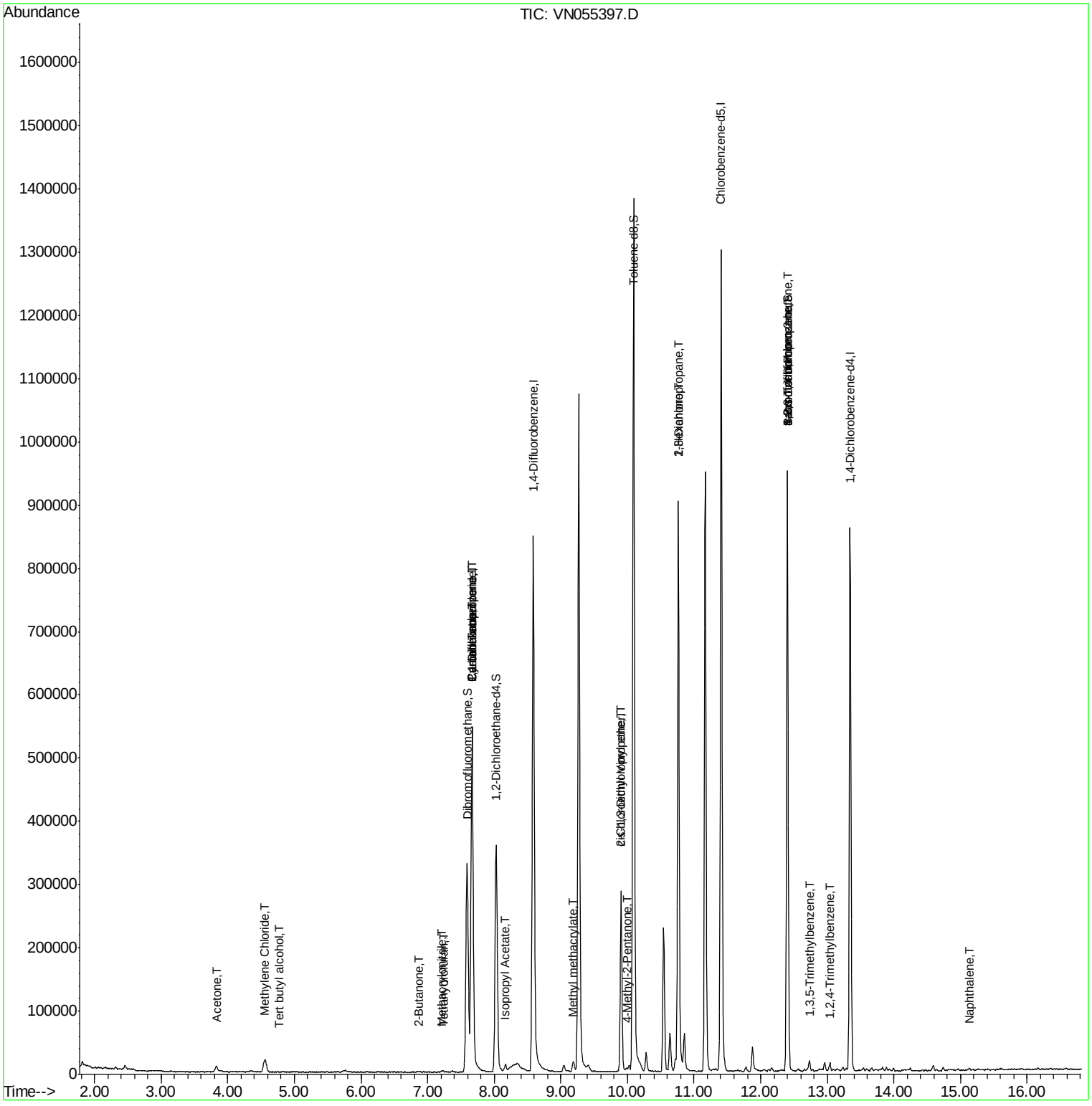
(#) = qualifier out of range (m) = manual integration (+) = signals summed

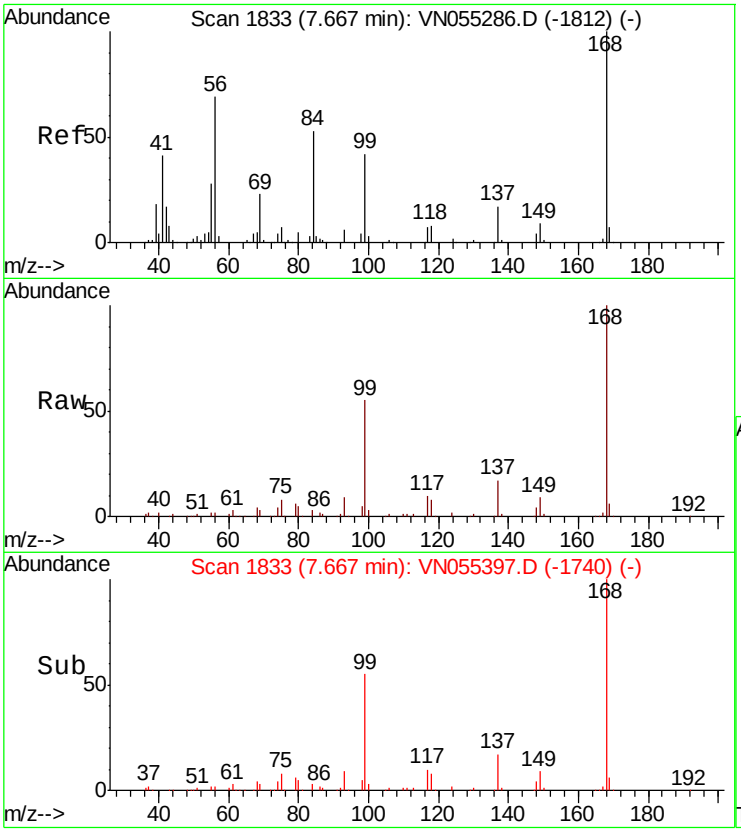
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
Data File : VN055397.D
Acq On : 3 May 2019 18:17
Operator : JC/SP
Sample : K2635-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Quant Time: May 03 23:23:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration



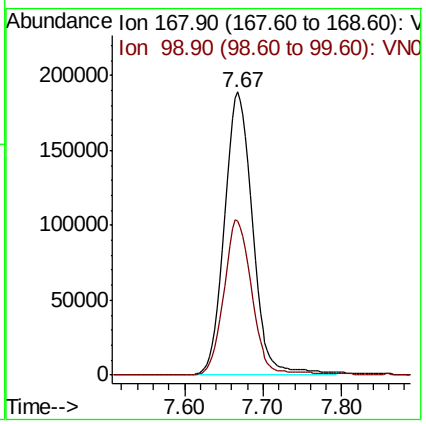


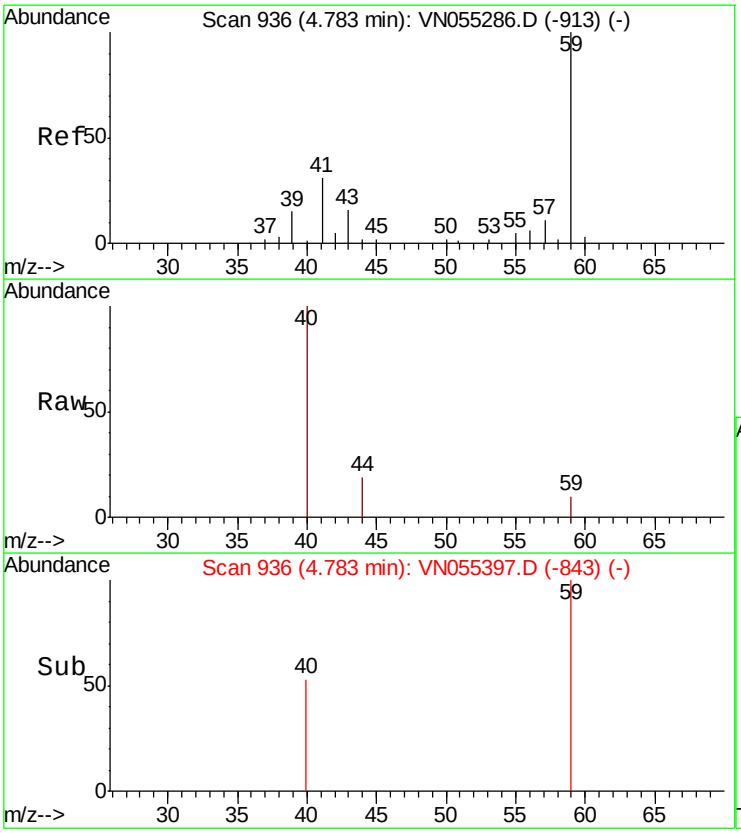
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion:168 Resp: 469833

Ion	Ratio	Lower	Upper
168	100		
99	54.6	43.6	65.4

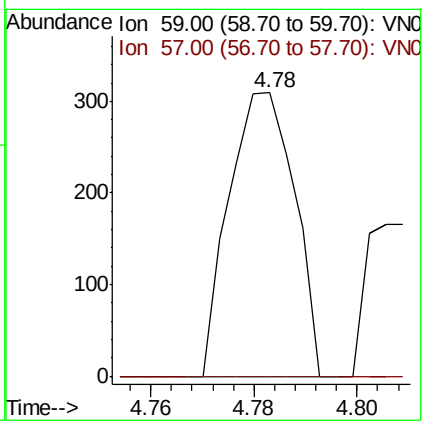


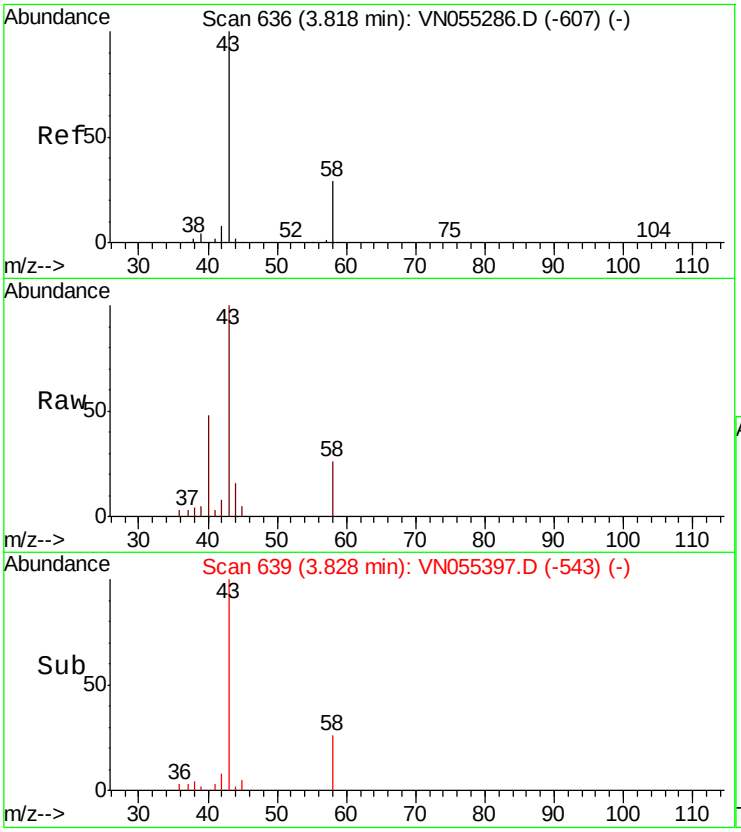


#11
Tert butyl alcohol
Concen: 0.770 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 59 Resp: 271

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



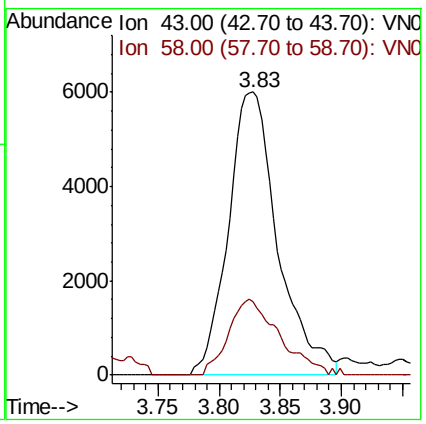


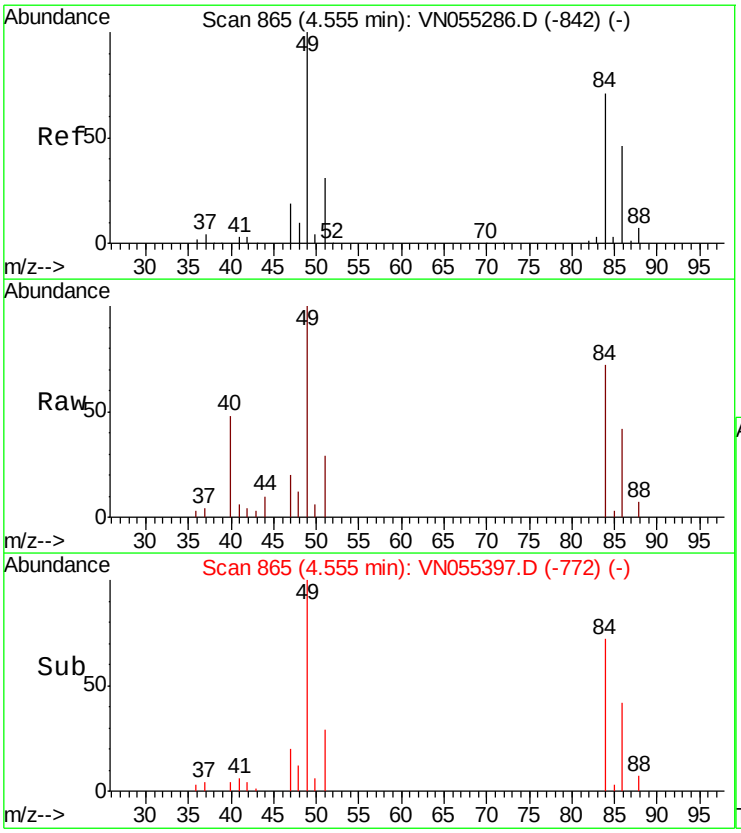
#16
Acetone
Concen: 8.810 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion: 43 Resp: 16872

Ion	Ratio	Lower	Upper
43	100		
58	26.0	23.6	35.4

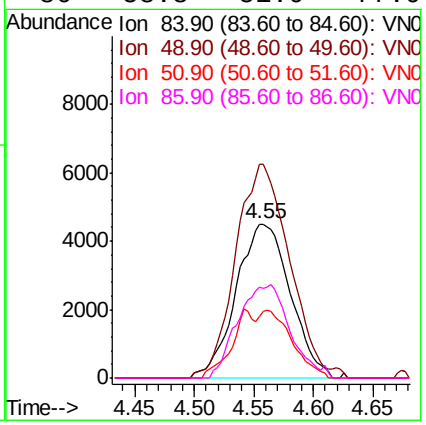


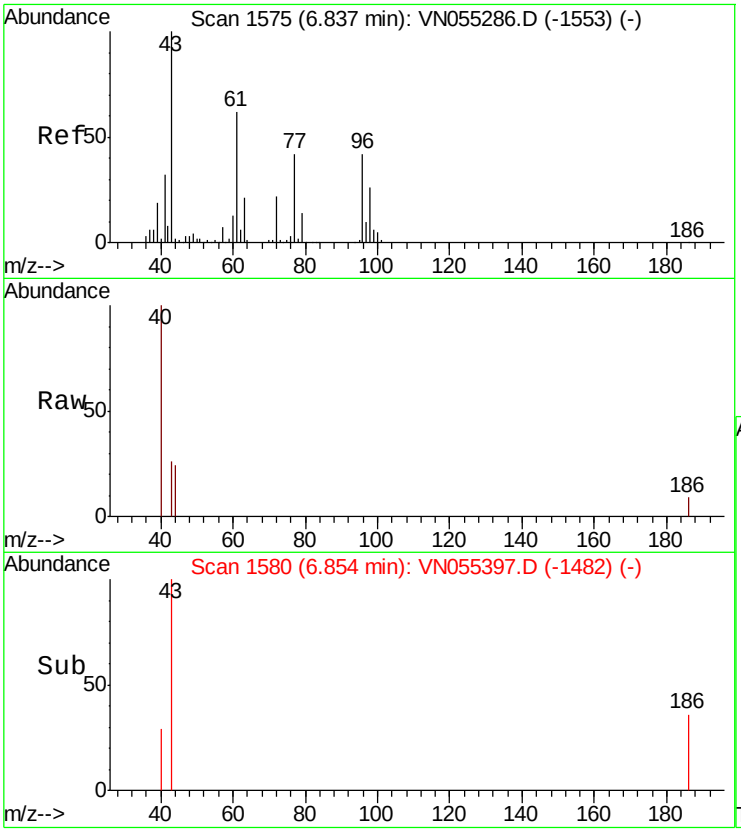


#20
Methylene Chloride
Concen: 2.430 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 84 Resp: 14205

Ion	Ratio	Lower	Upper
84	100		
49	138.6	112.4	168.6
51	39.6	34.6	51.8
86	58.8	51.9	77.9



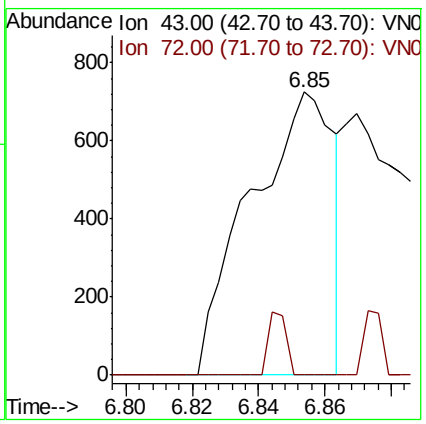


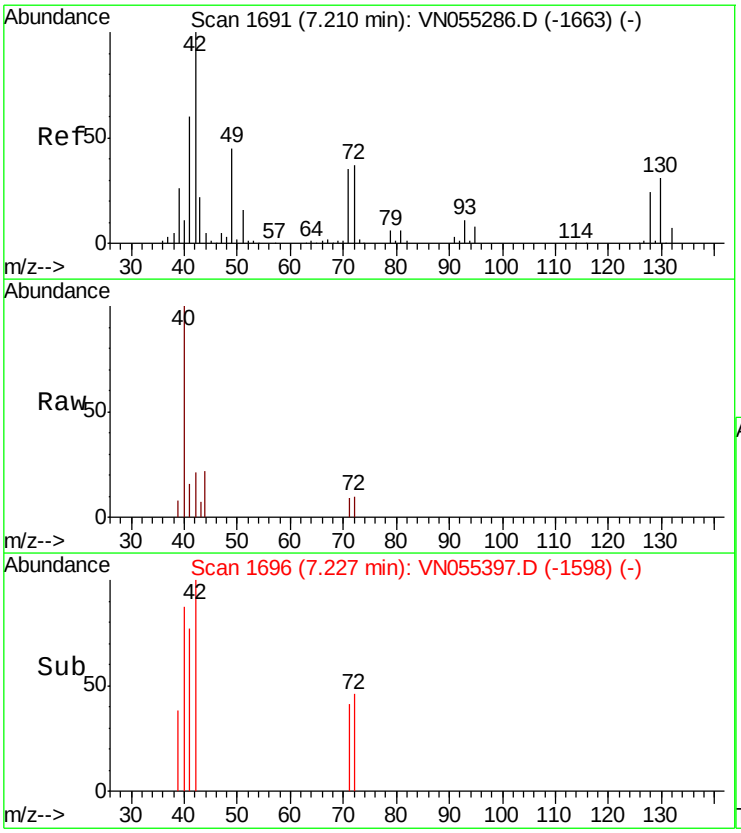
#25
2-Butanone
Concen: 0.515 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion: 43 Resp: 1261

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.0	27.0#

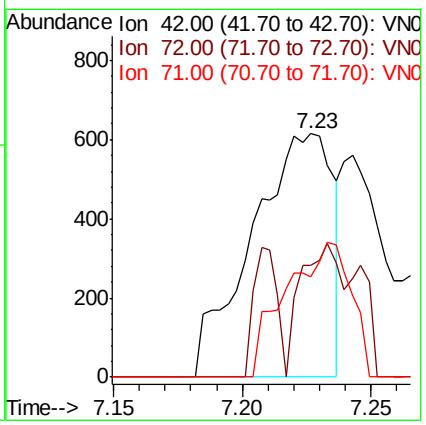


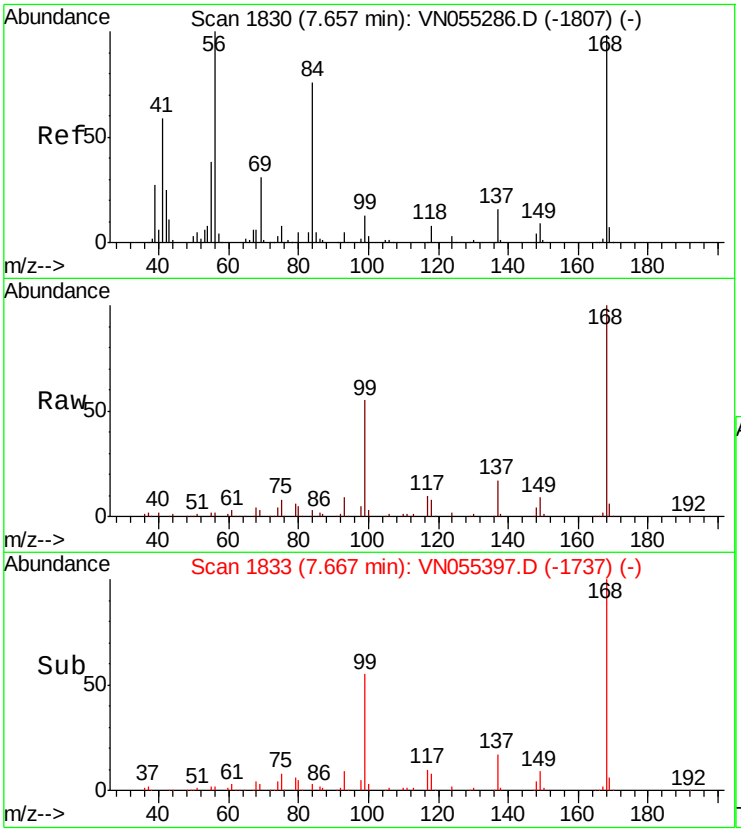


#29
Tetrahydrofuran
Concen: 0.856 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 42 Resp: 1342

Ion	Ratio	Lower	Upper
42	100		
72	27.5	29.0	43.6#
71	44.7	27.1	40.7#



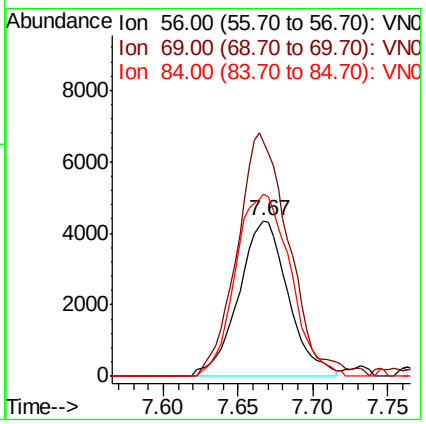


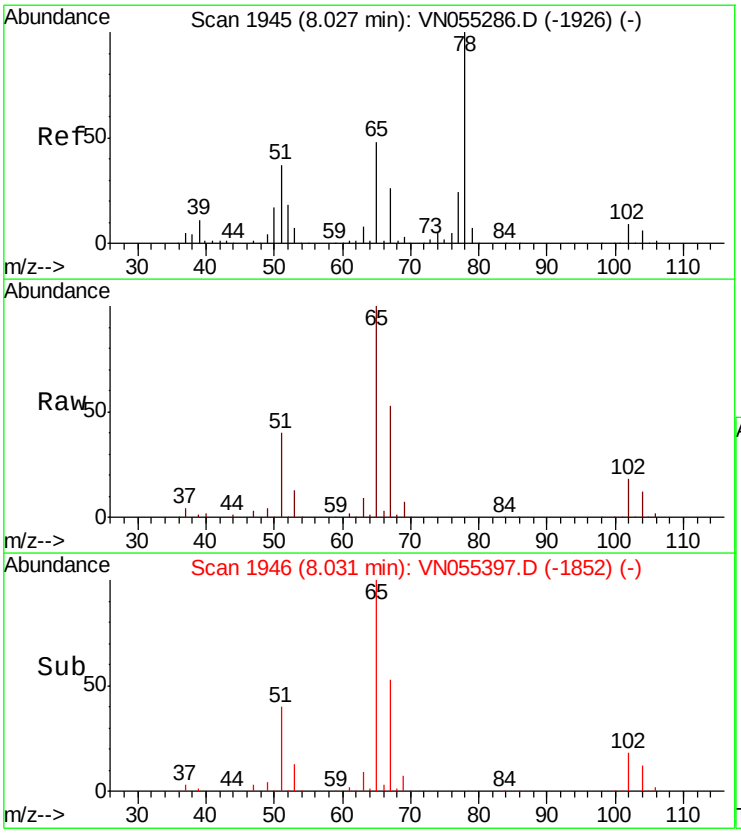
#31
Cyclohexane
Concen: 1.038 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion: 56 Resp: 10033

Ion	Ratio	Lower	Upper
56	100		
69	150.3	25.2	37.8#
84	117.2	61.1	91.7#

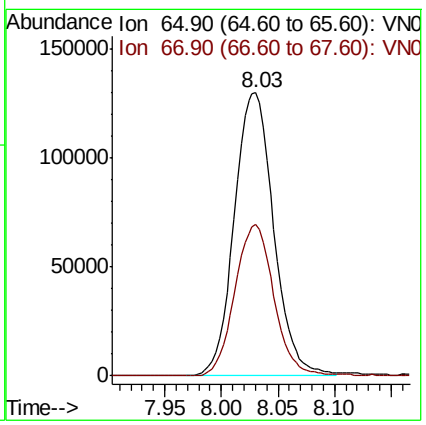


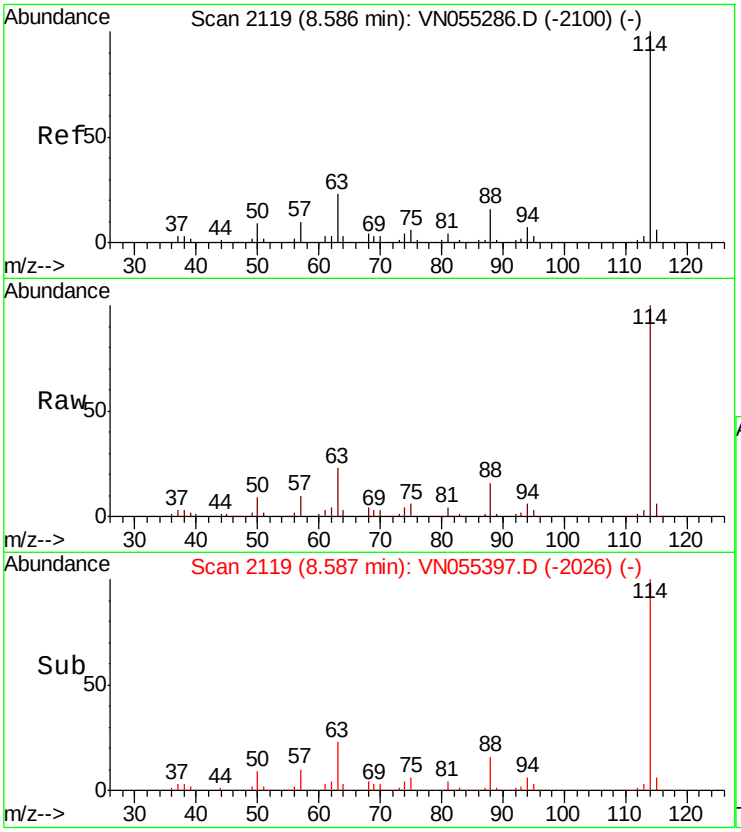


#33
1,2-Dichloroethane-d4
Concen: 51.354 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 65 Resp: 315648

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.8



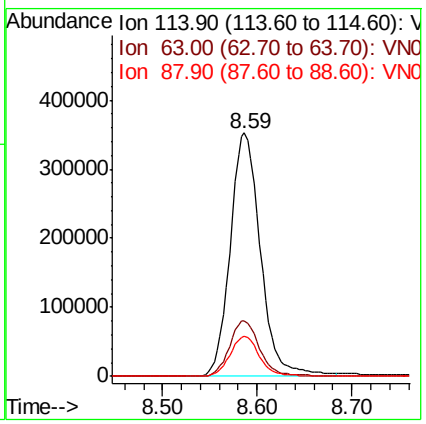


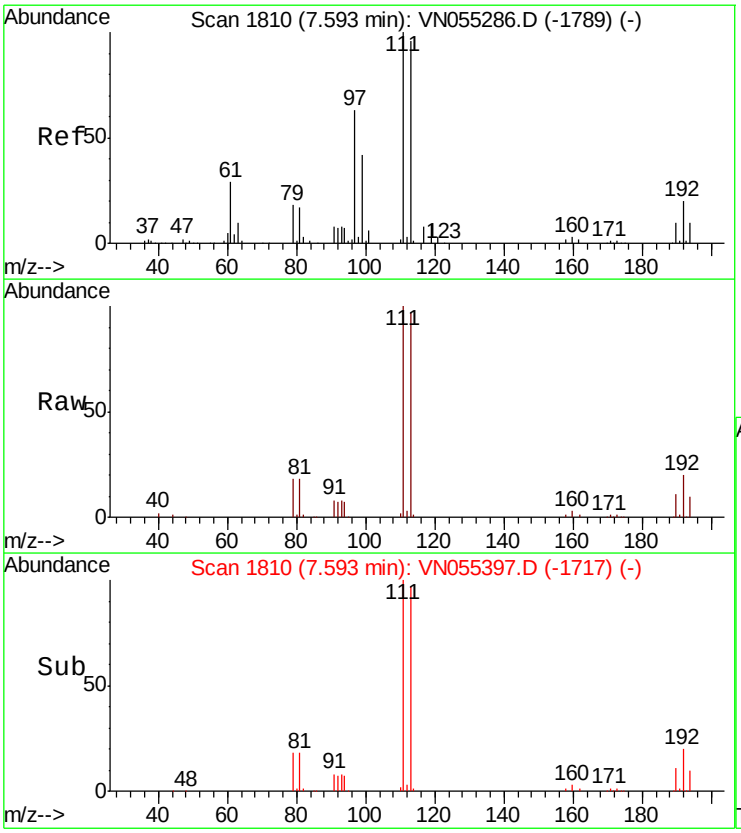
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion:114 Resp: 786771

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.2
88	16.5	0.0	31.6

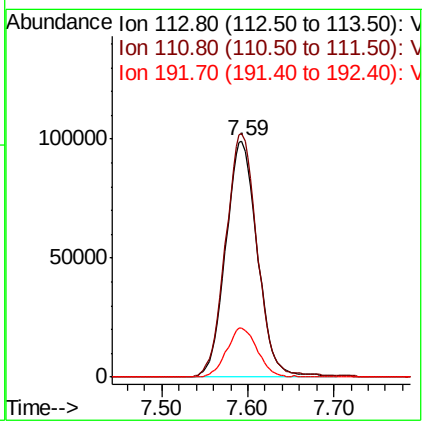


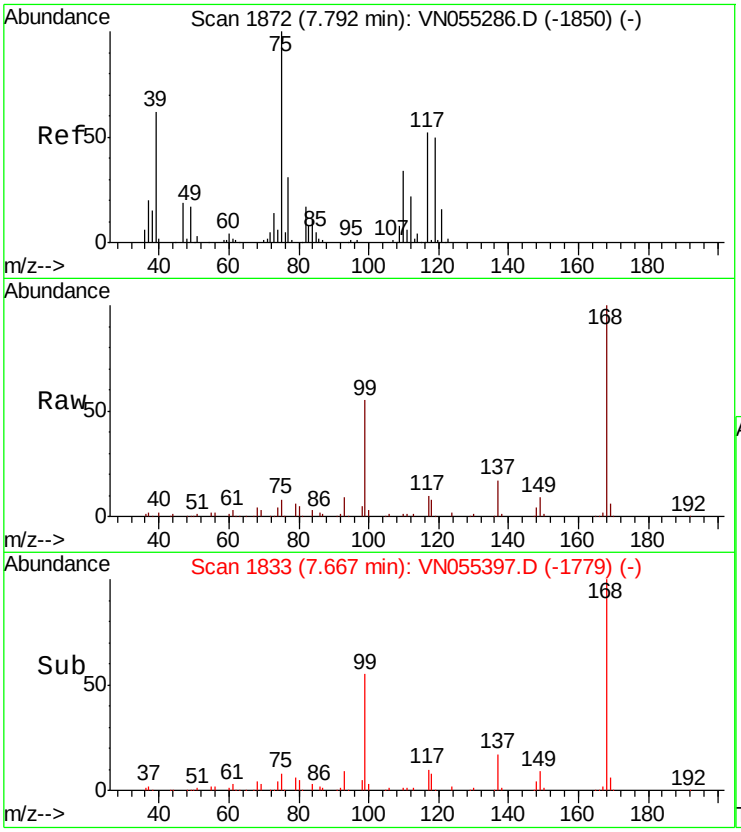


#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion:113 Resp: 253836

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	20.2	17.0	25.6



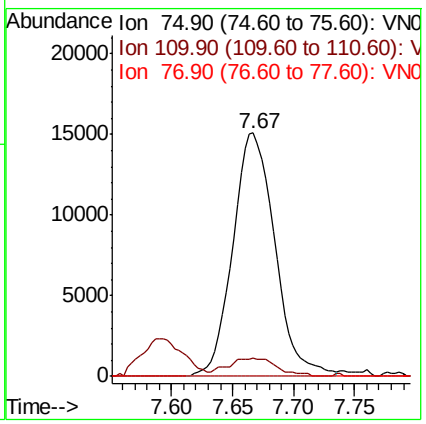


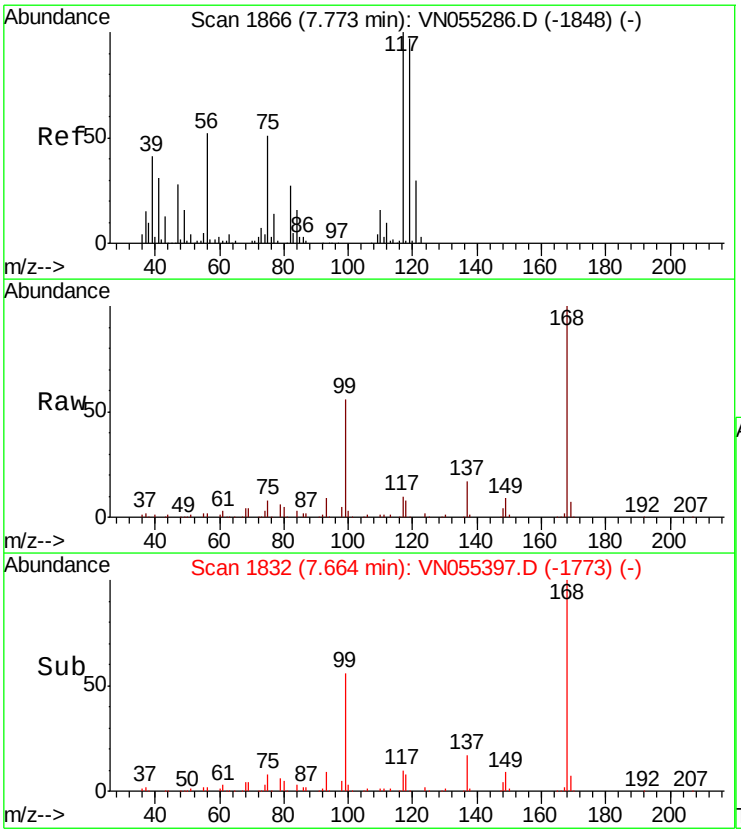
#36
1,1-Dichloropropene
Concen: 4.787 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion: 75 Resp: 36077

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.8	50.4#
77	0.0	25.0	37.6#

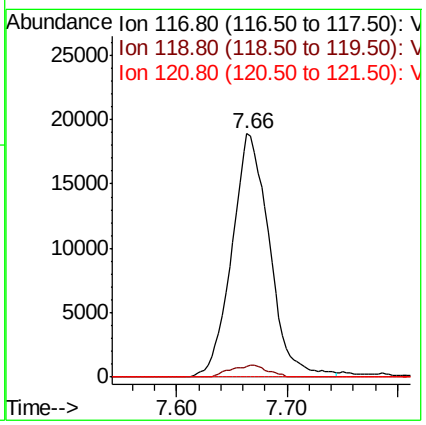


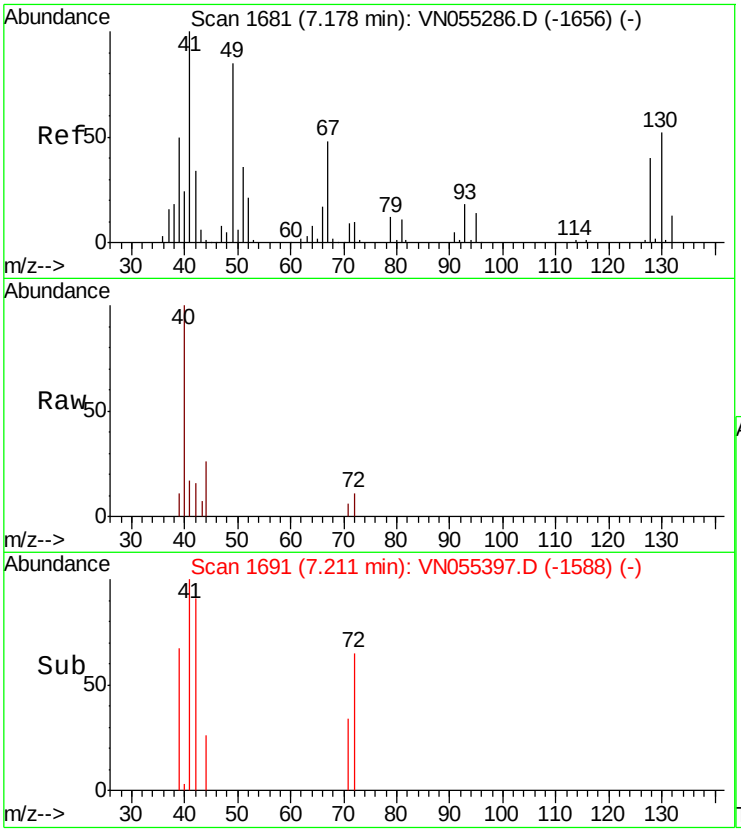


#38
Carbon Tetrachloride
Concen: 6.146 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion:117 Resp: 44676

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.0	115.6#
121	0.0	23.8	35.8#



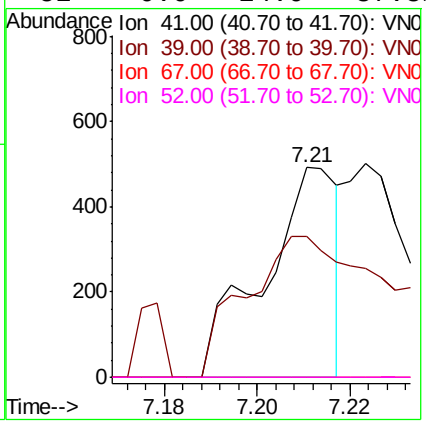


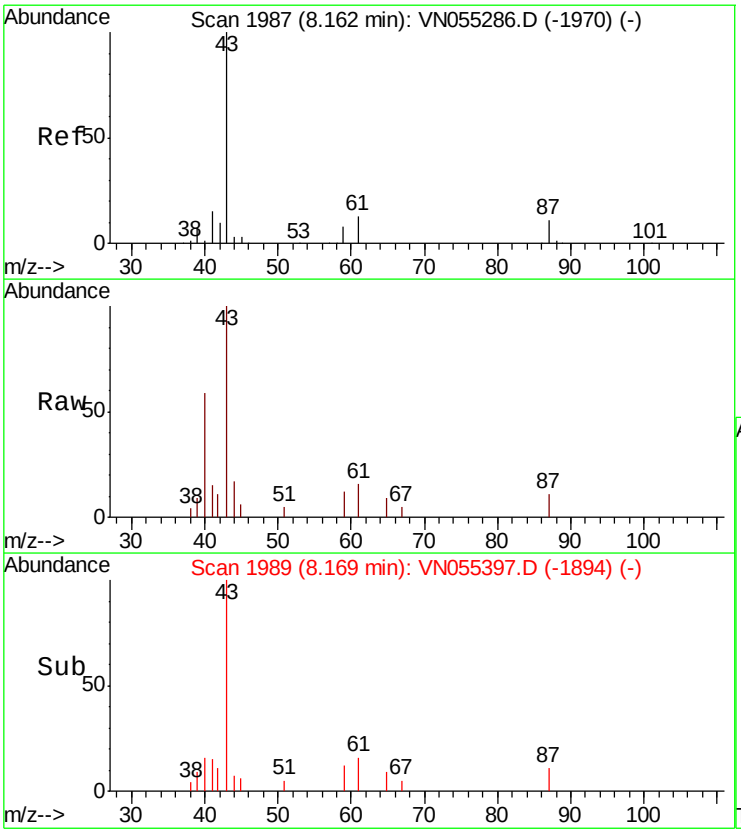
#41
Methacrylonitrile
Concen: 0.911 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion: 41 Resp: 544

Ion	Ratio	Lower	Upper
41	100		
39	113.8	48.5	72.7#
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#

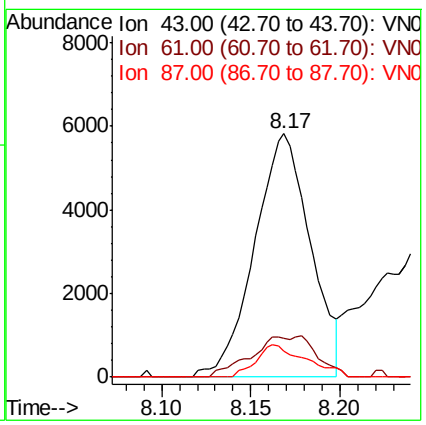


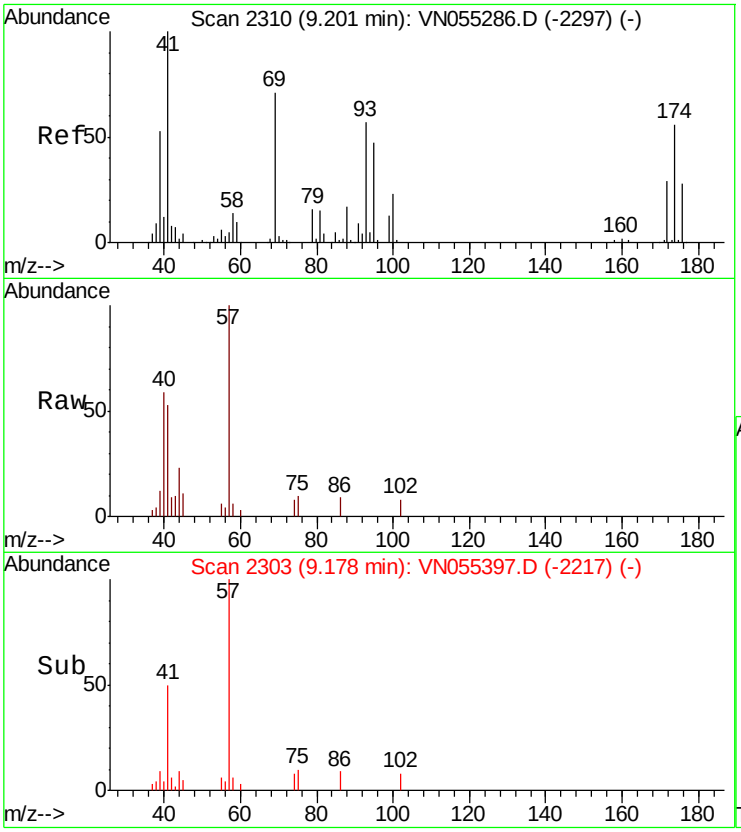


#43
Isopropyl Acetate
Concen: 1.366 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 43 Resp: 12682

Ion	Ratio	Lower	Upper
43	100		
61	12.2	20.8	31.2#
87	11.9	8.5	12.7



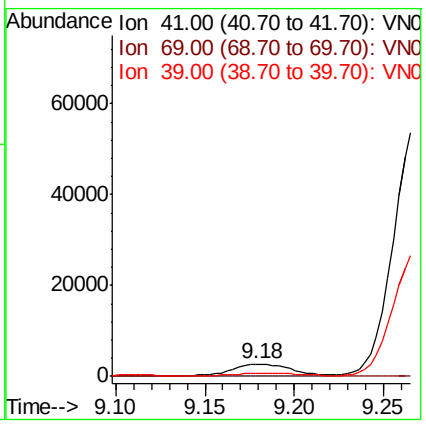


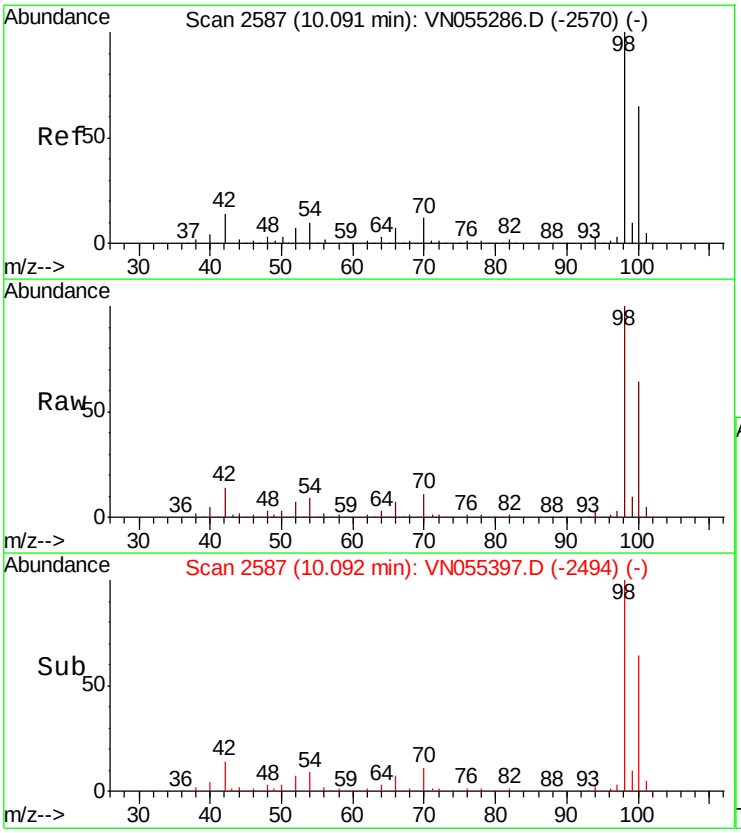
#48
Methyl methacrylate
Concen: 1.442 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion: 41 Resp: 6582

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.6	87.8#
39	29.6	43.8	65.6#

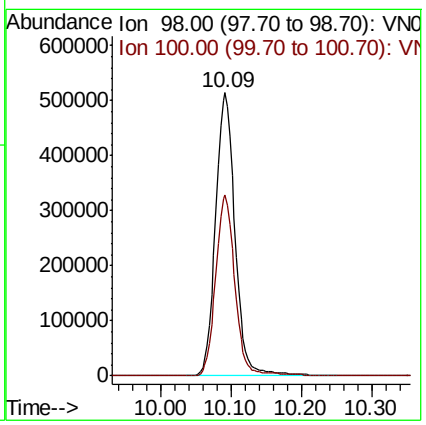


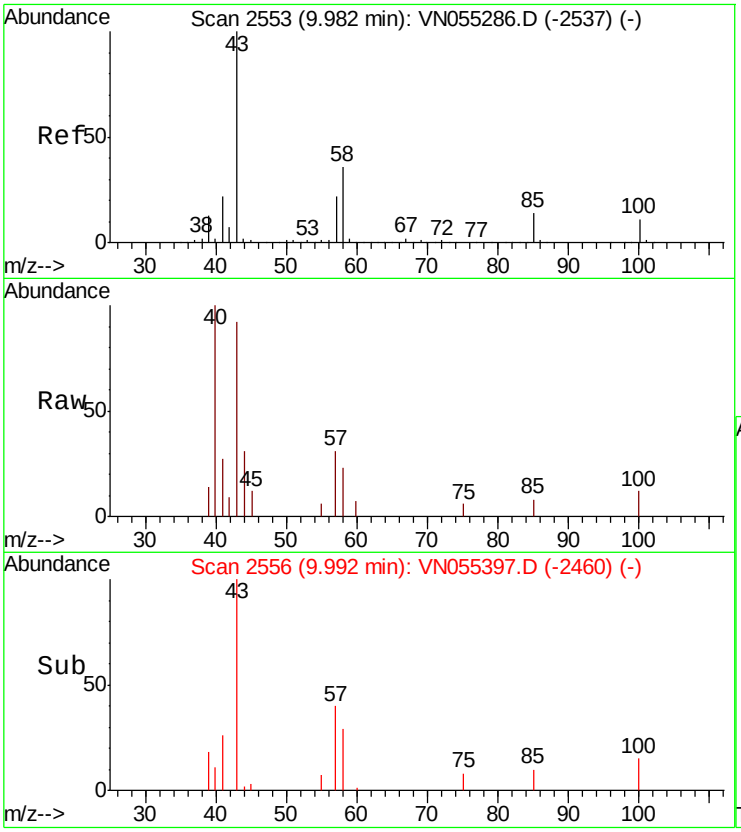


#50
Toluene-d8
Concen: 53.049 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 98 Resp: 989201

Ion	Ratio	Lower	Upper
98	100		
100	62.3	51.7	77.5



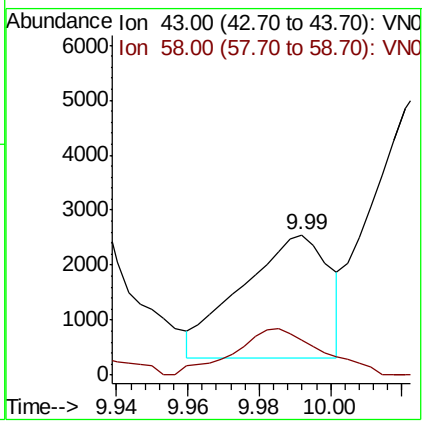


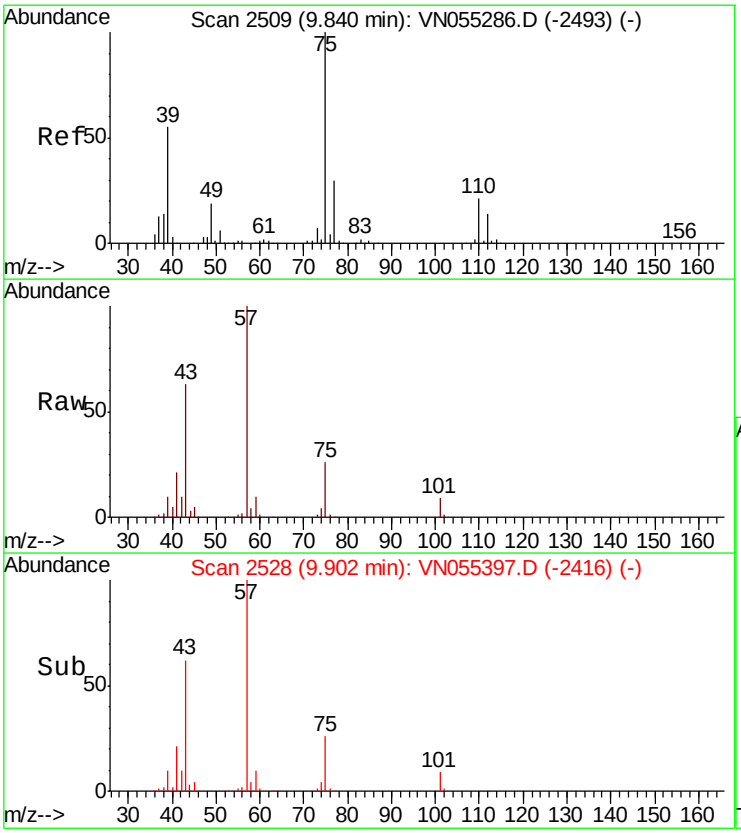
#51
4-Methyl-2-Pentanone
Concen: 0.731 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion: 43 Resp: 3819

Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.5	42.7

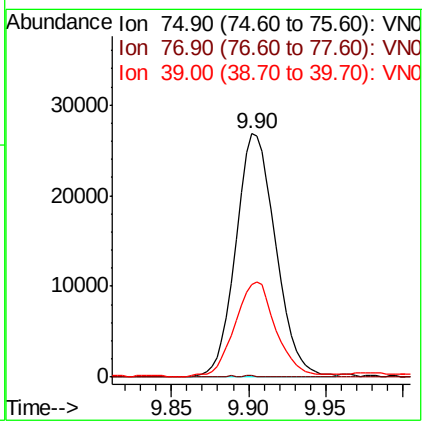


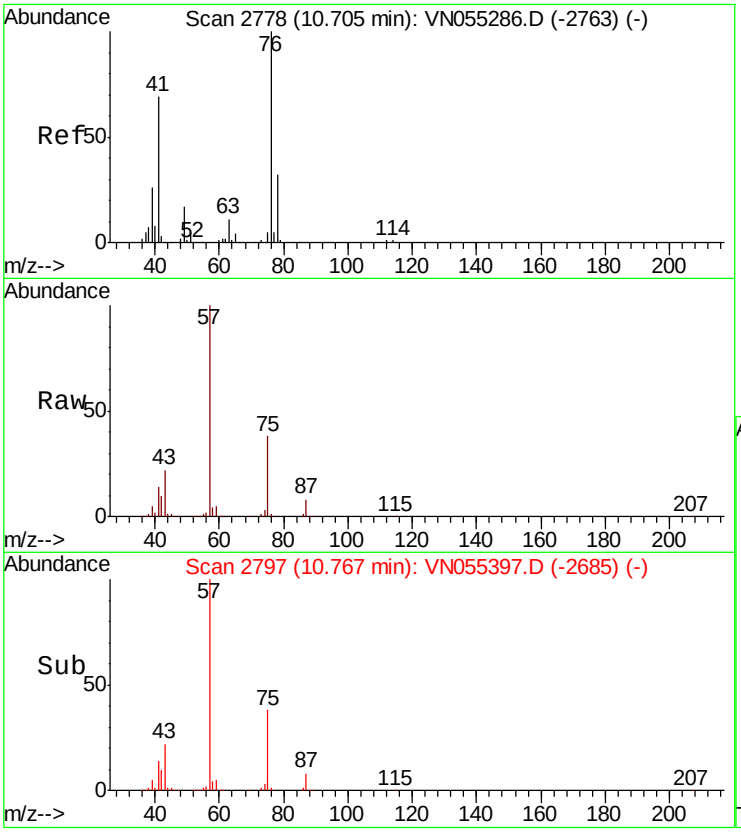


#54
cis-1,3-Dichloropropene
Concen: 5.923 ug/l
RT: 9.90 min Scan# 2528
Delta R.T. 0.06 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 75 Resp: 48164

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.2	36.2#
39	38.1	44.2	66.2#



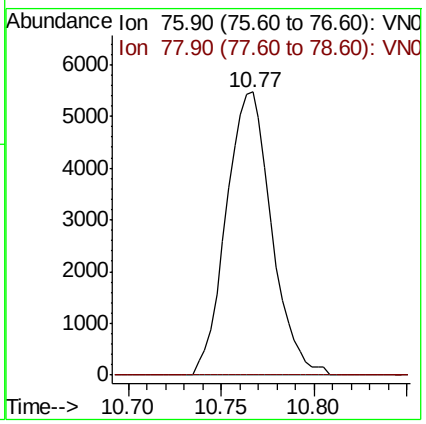


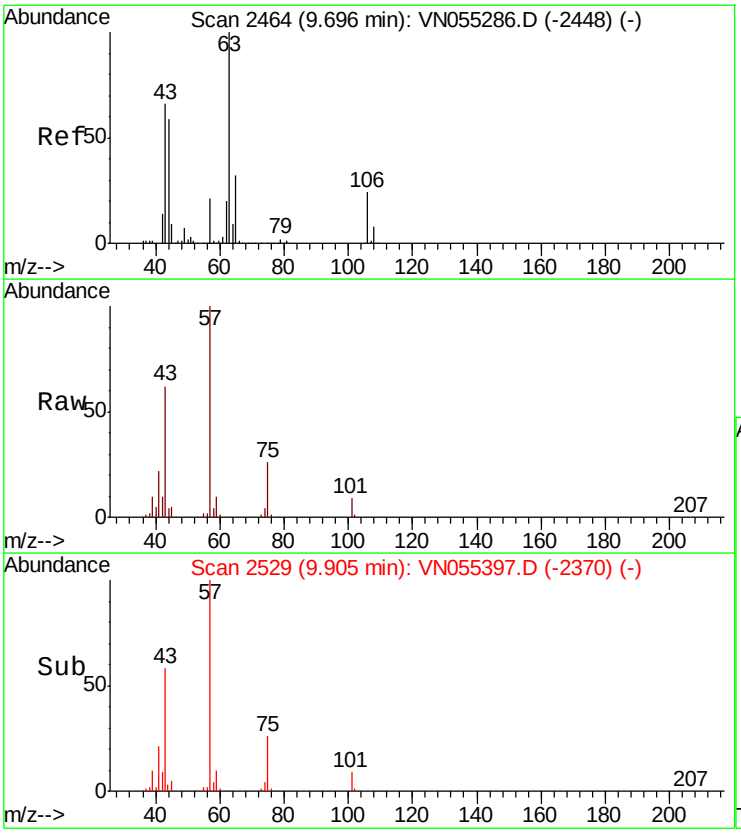
#57
1,3-Dichloropropane
Concen: 1.118 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion: 76 Resp: 9287

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

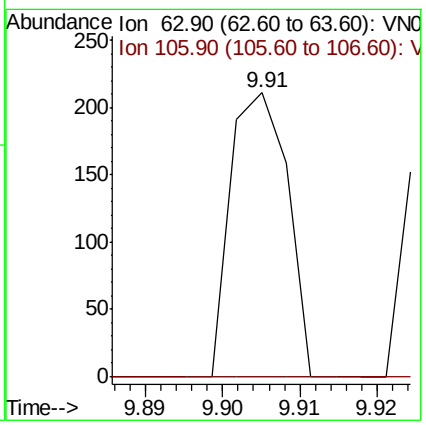


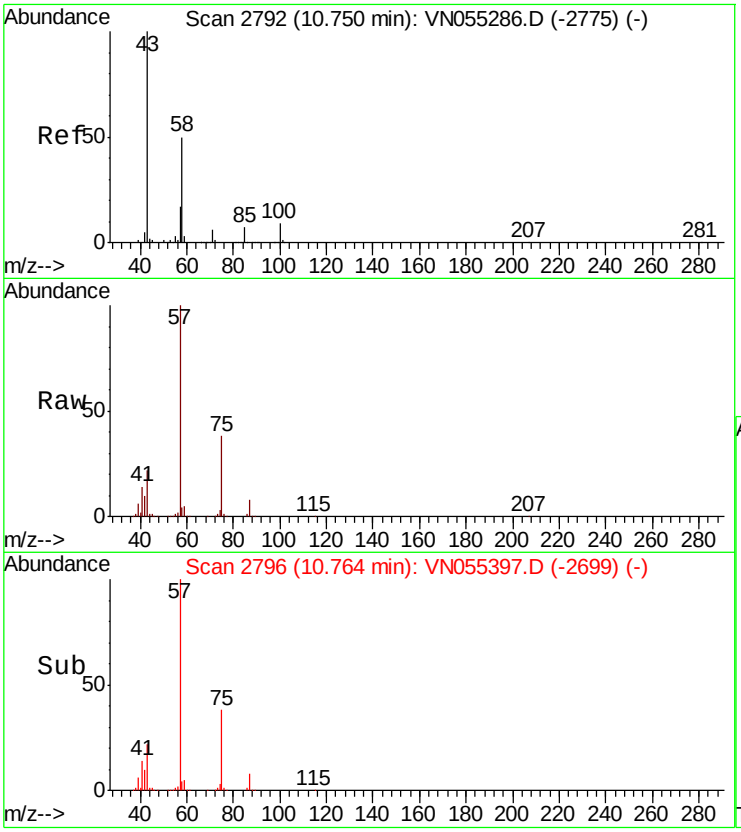


#58
2-Chloroethyl Vinyl ether
Concen: 12.462 ug/l
RT: 9.91 min Scan# 2529
Delta R.T. 0.21 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 63 Resp: 108

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.0	28.4#



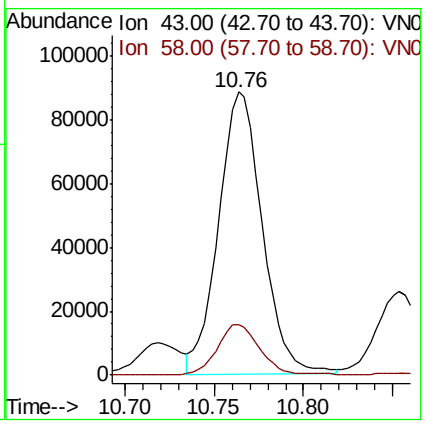


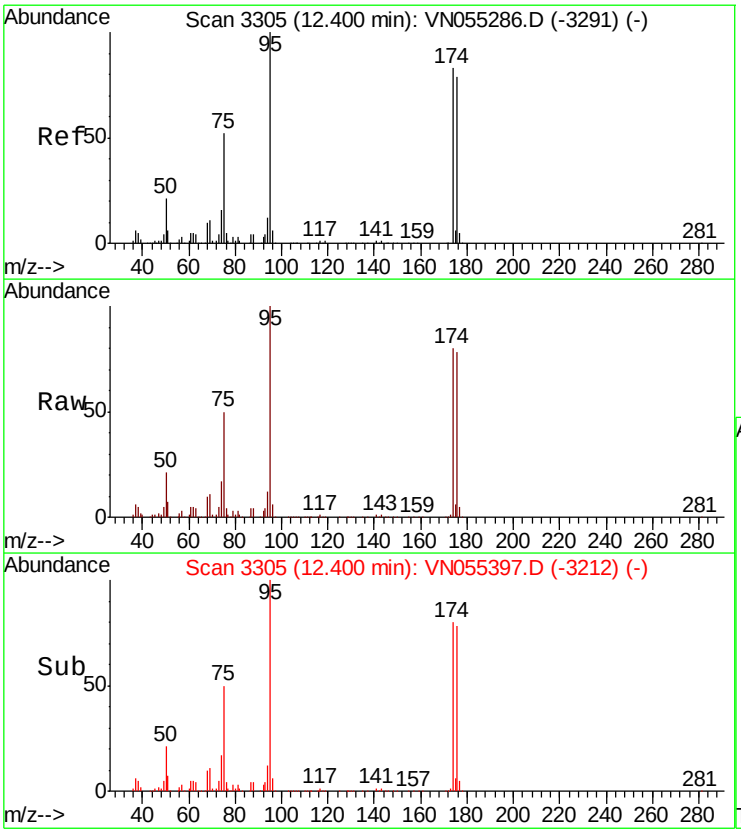
#59
2-Hexanone
Concen: 45.899 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion: 43 Resp: 150080

Ion	Ratio	Lower	Upper
43	100		
58	17.8	24.9	74.6#

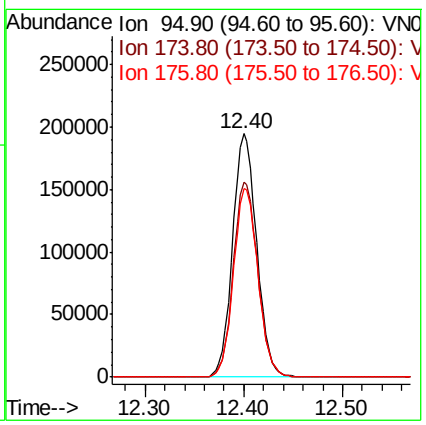


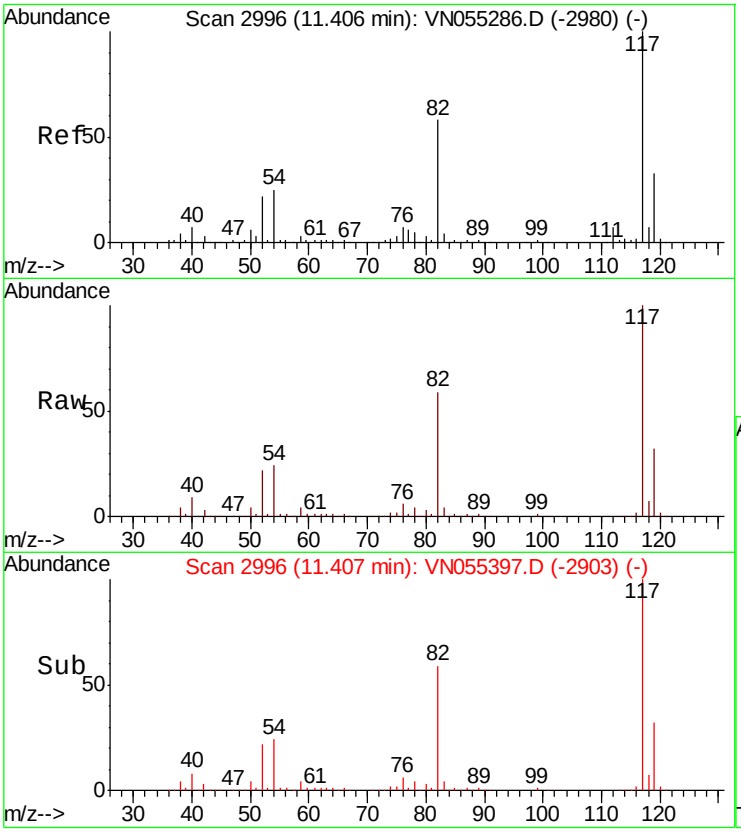


#62
4-Bromofluorobenzene
Concen: 56.797 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 95 Resp: 331003

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	166.6
176	78.5	0.0	157.8



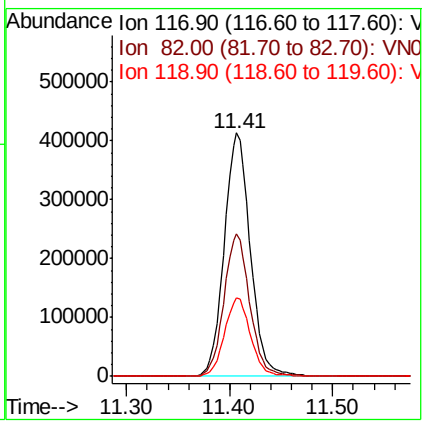


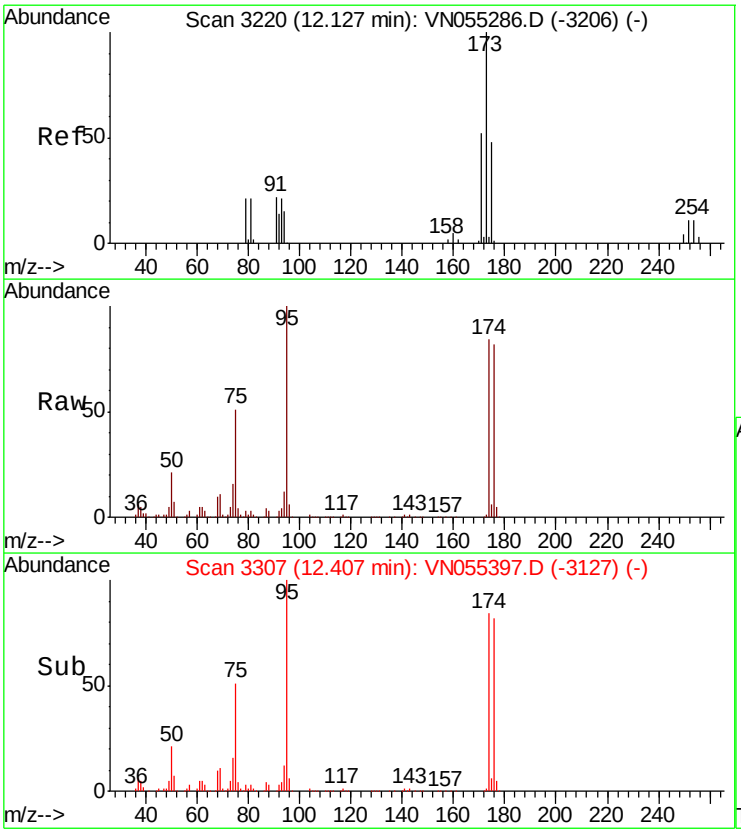
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion:117 Resp: 728171

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.2	69.4
119	32.3	26.6	40.0

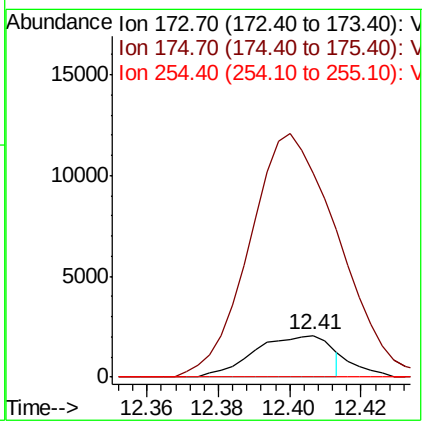


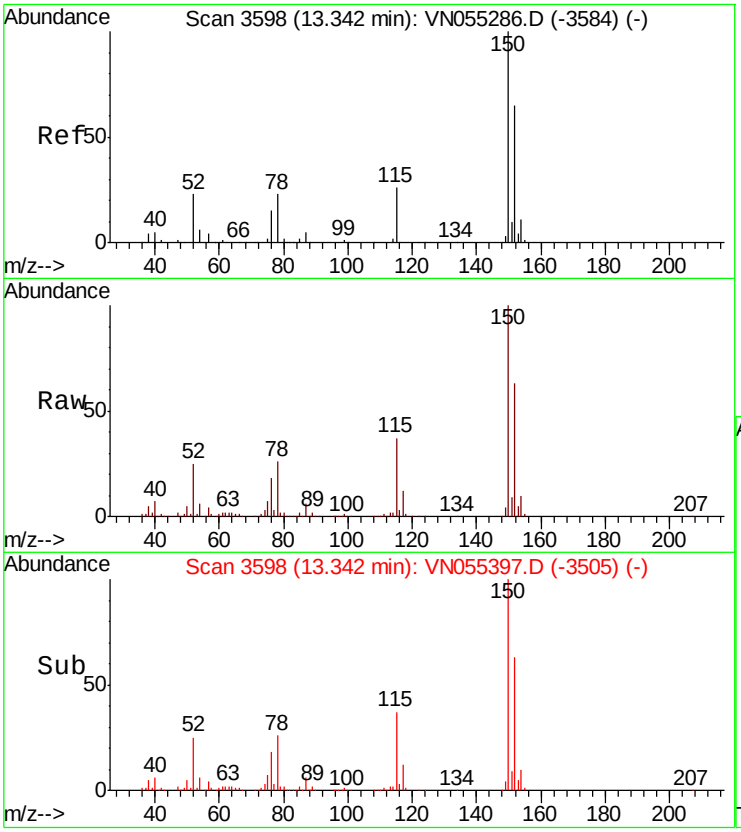


#71
Bromoform
Concen: 0.987 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion:173 Resp: 3054

Ion	Ratio	Lower	Upper
173	100		
175	584.2	23.6	71.0#
254	0.0	0.0	0.0



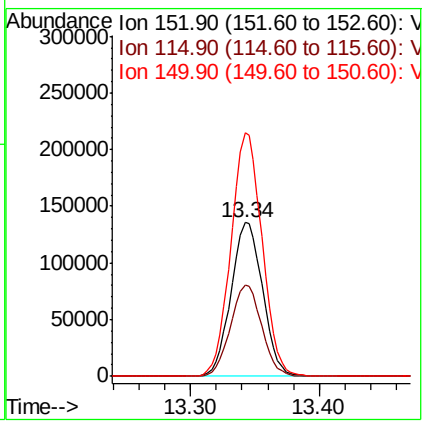


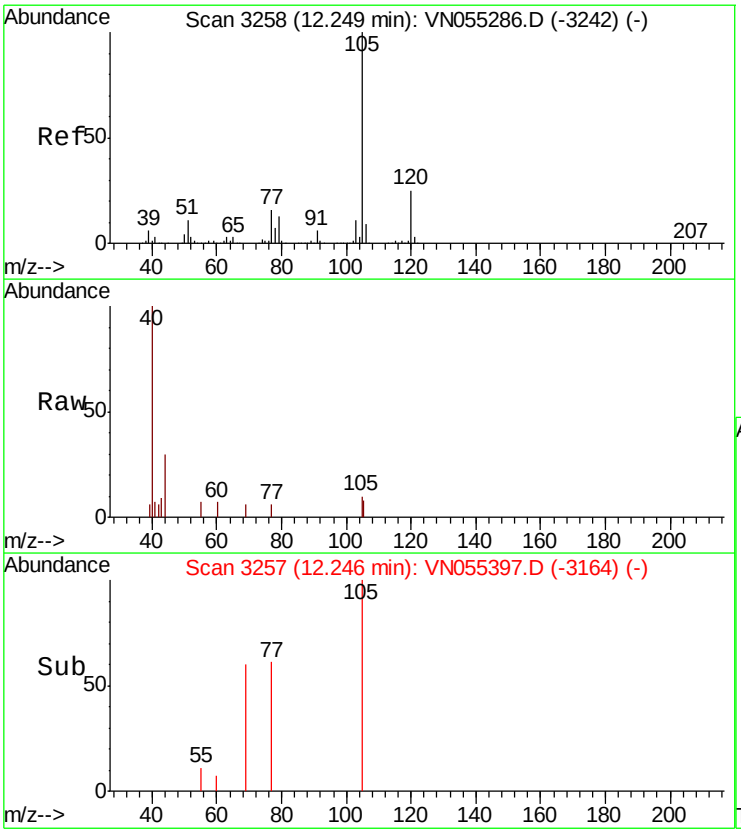
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion:152 Resp: 230438

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.0	87.0
150	156.1	0.0	345.6

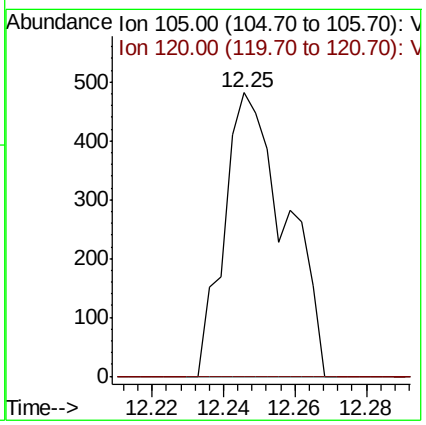


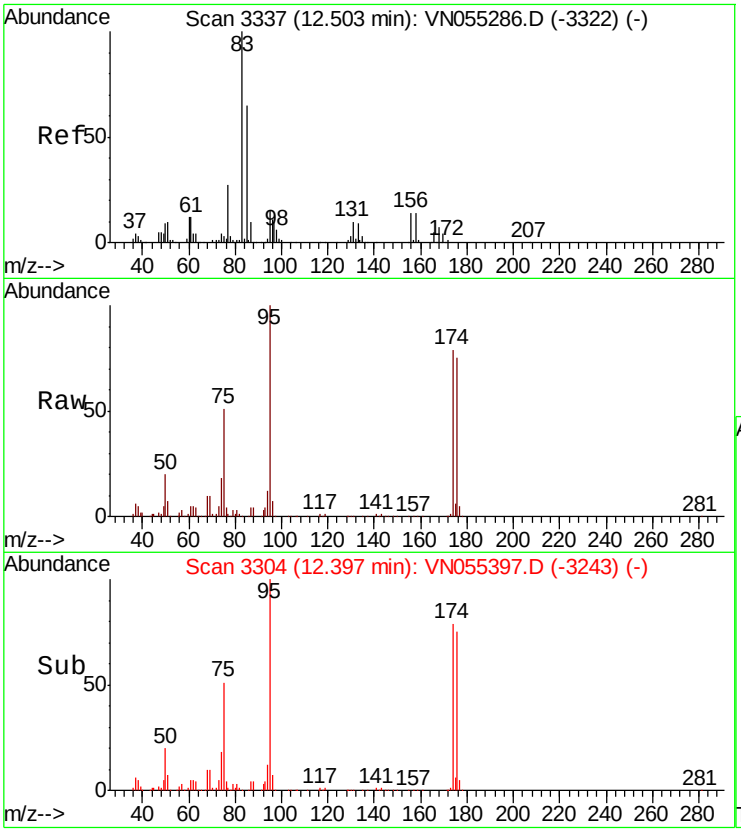


#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion:105 Resp: 574

Ion	Ratio	Lower	Upper
105	100		
120	0.0	12.9	38.7#



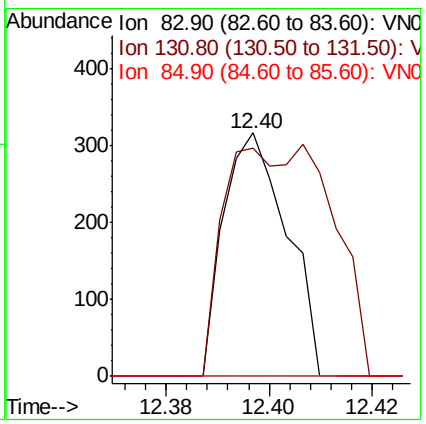


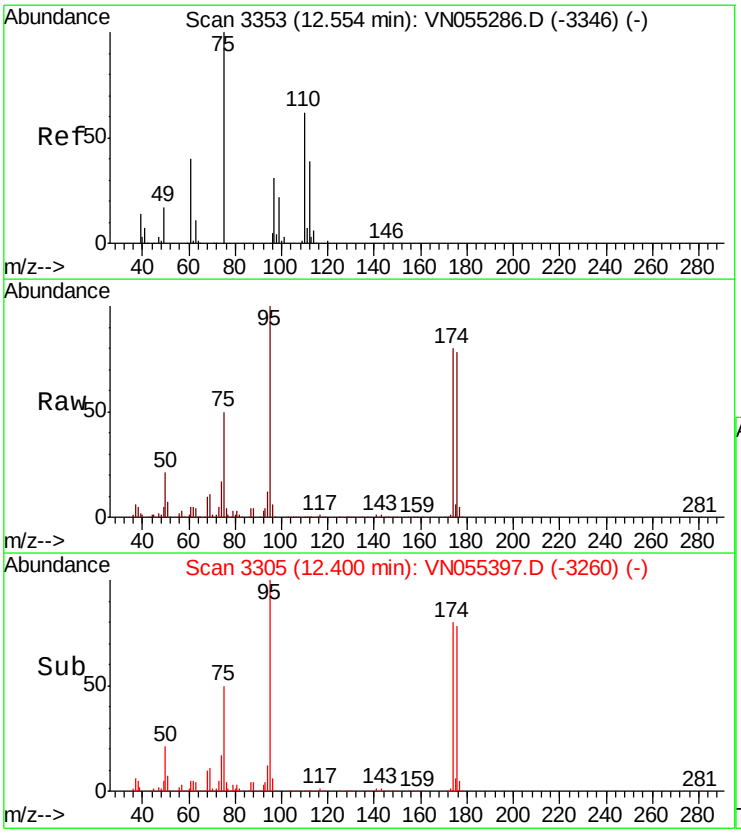
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.40 min Scan# 3304
Delta R.T. -0.11 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion: 83 Resp: 268

Ion	Ratio	Lower	Upper
83	100		
131	162.3	5.1	15.2#
85	0.0	32.3	96.8#

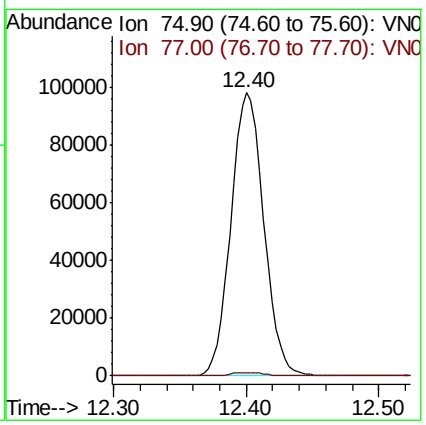


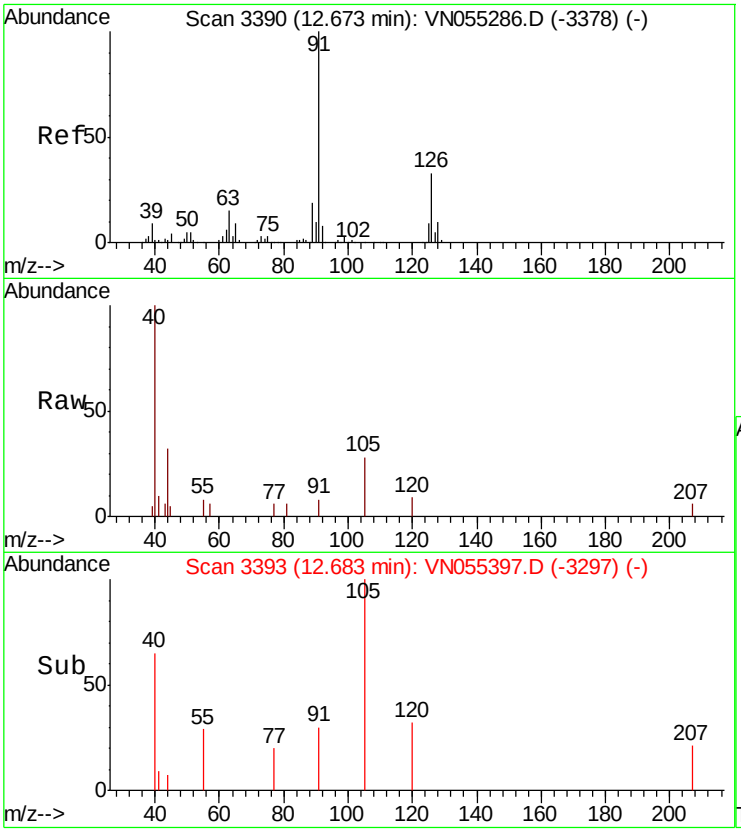


#76
1,2,3-Trichloropropane
Concen: 38.852 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion: 75 Resp: 168819

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



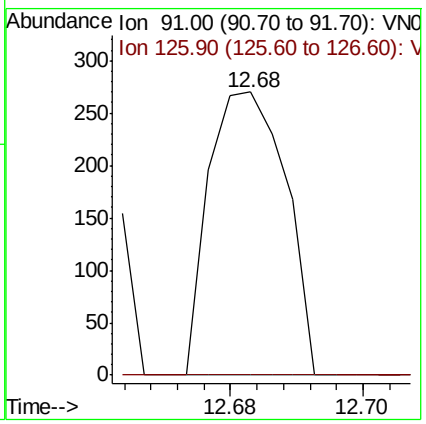


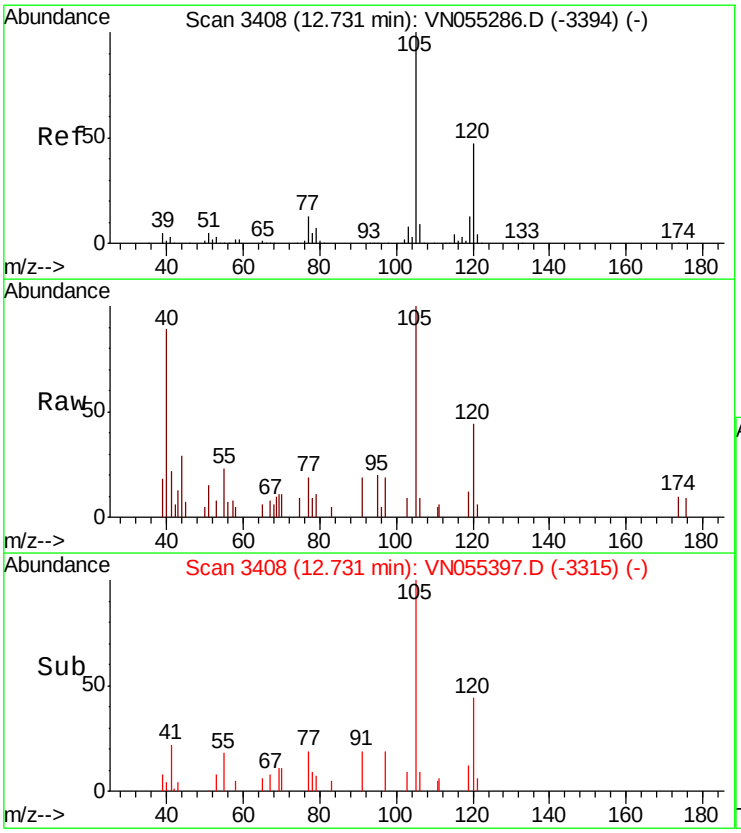
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument : MSVOA_N
ClientSampleId : AU-05-050219-A

Tgt Ion: 91 Resp: 218

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.6	49.7#

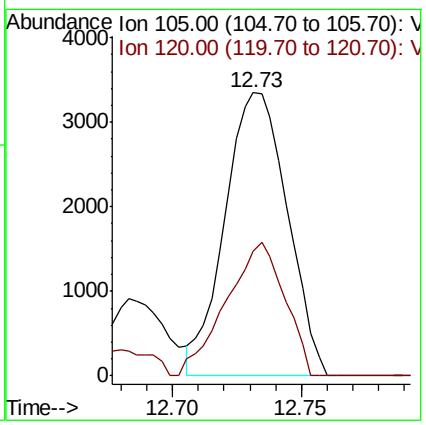


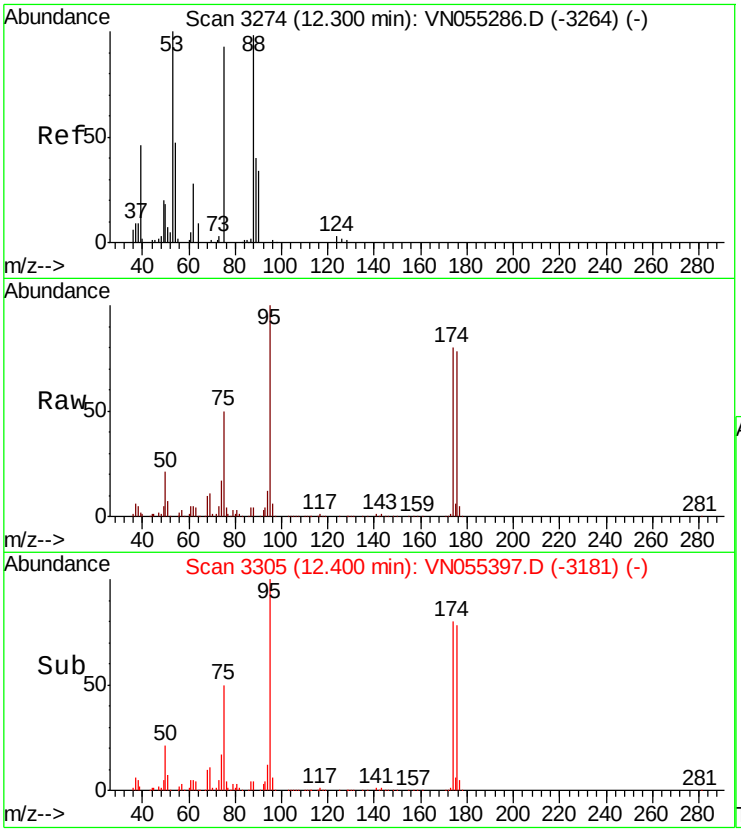


#80
1,3,5-Trimethylbenzene
Concen: 0.312 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion:105 Resp: 5640

Ion	Ratio	Lower	Upper
105	100		
120	44.2	23.4	70.0



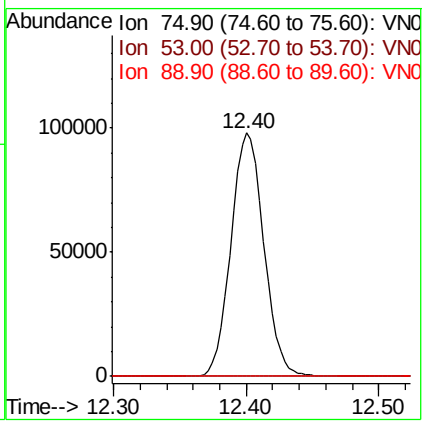


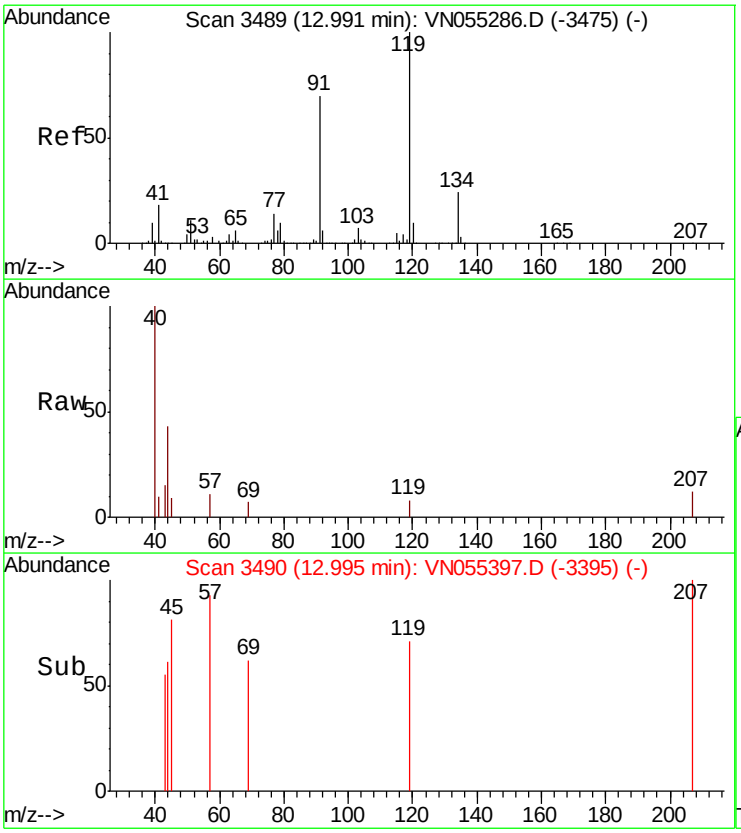
#81
trans-1,4-Dichloro-2-butene
Concen: 138.833 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion: 75 Resp: 168819

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.3	129.5#
89	0.0	34.6	51.8#

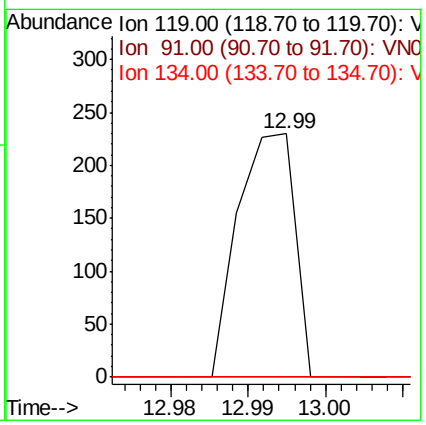


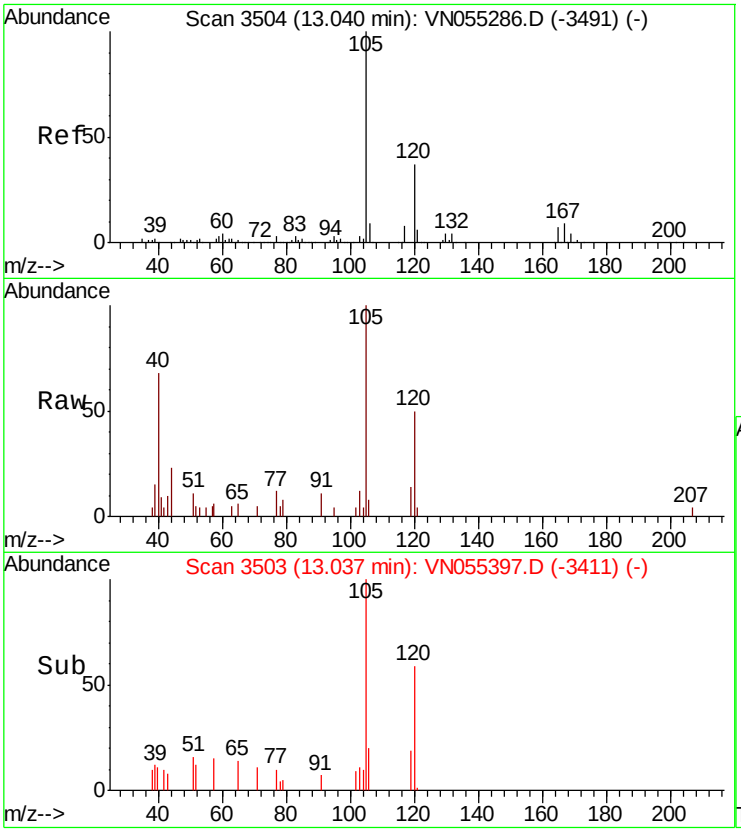


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion:119 Resp: 118

Ion	Ratio	Lower	Upper
119	100		
91	0.0	34.3	102.9#
134	0.0	13.1	39.3#



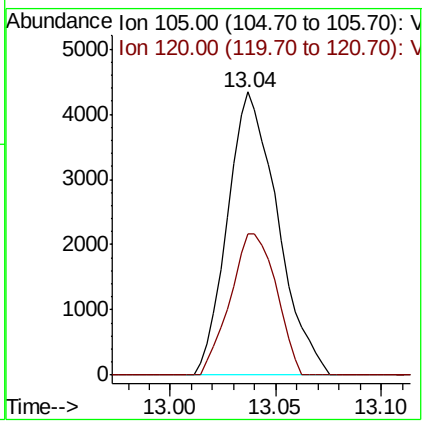


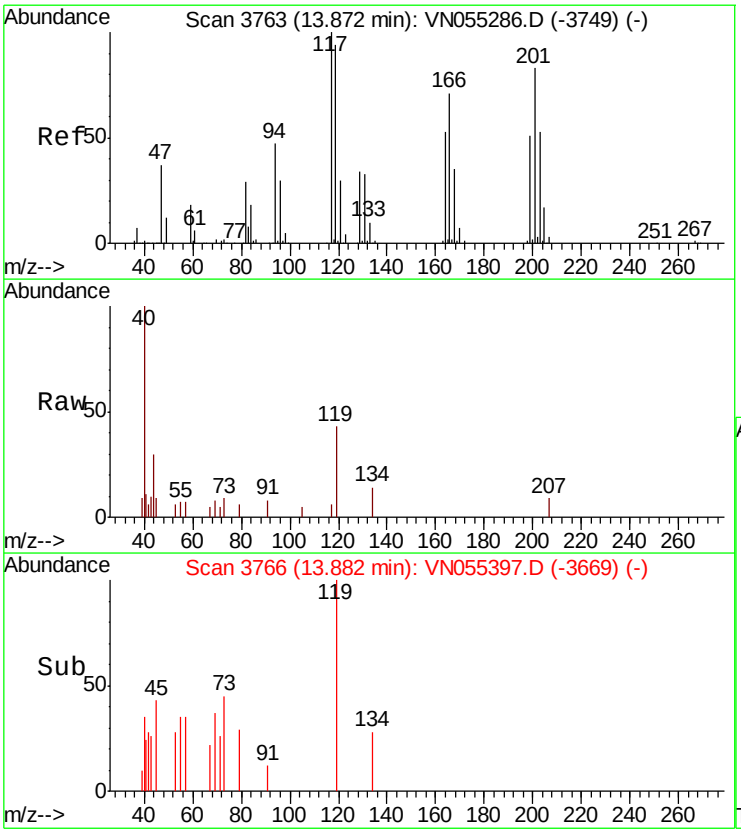
#84
1,2,4-Trimethylbenzene
Concen: 0.443 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion:105 Resp: 7162

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.1	66.5

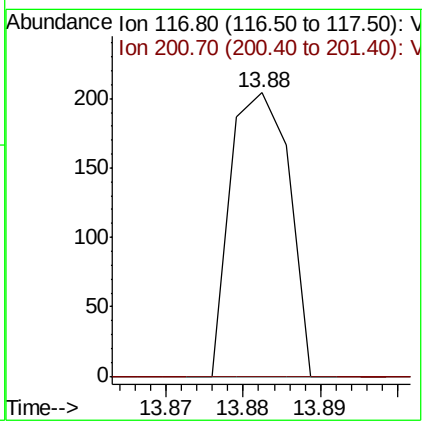


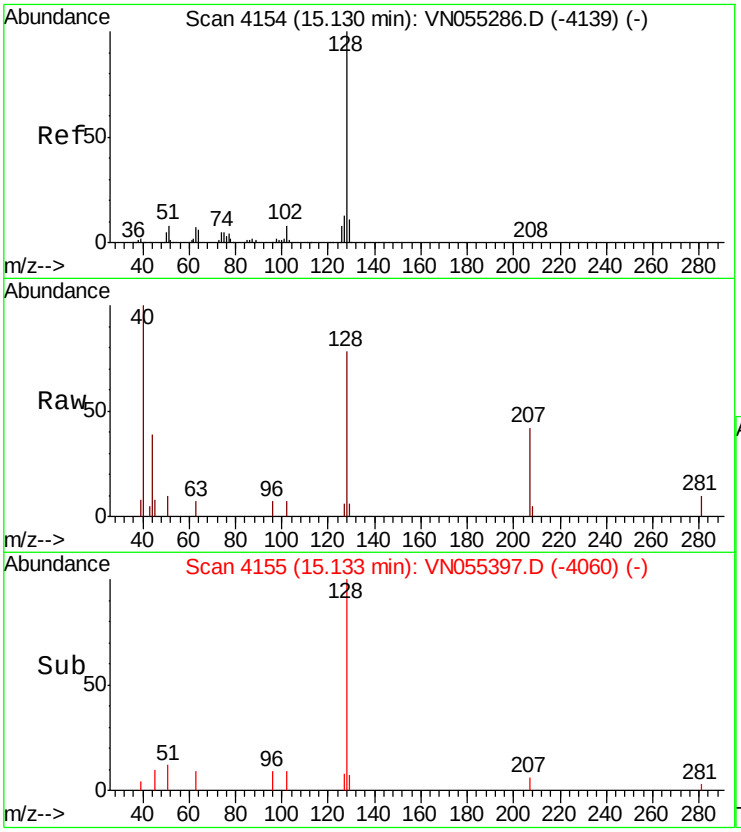


#90
Hexachloroethane
Concen: Below Cal
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Tgt Ion:117 Resp: 108

Ion	Ratio	Lower	Upper
117	100		
201	0.0	41.9	125.8#





#95
Naphthalene
Concen: 3.881 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055397.D
Acq: 3 May 2019 18:17

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-A

Tgt Ion:128 Resp: 3793

Ion	Ratio	Lower	Upper
128	100		
127	4.2	10.7	16.1#
129	6.8	8.6	13.0#