Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071919\
Data File : VN056822.D
Acq On : 19 Jul 2019 11:25
Operator : JC/SP
Sample : PB121463ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Quant Time: Jul 19 23:12:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	248598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	452479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	492121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	151367	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.10%			
35) Dibromofluoromethane	7.59	113	134619	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.62%			
50) Toluene-d8	10.09	98	585292	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.64%			
62) 4-Bromofluorobenzene	12.40	95	211574	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.38%			
Target Compounds						Qvalue
16) Acetone	3.82	43	12180	9.612	ug/l	93
18) Methyl Acetate	4.33	43	3541	0.276	ug/l #	76
20) Methylene Chloride	4.56	84	2274	0.821	ug/l #	81
25) 2-Butanone	6.85	43	2700	1.457	ug/l #	87
29) Tetrahydrofuran	7.23	42	522	0.432	ug/l #	35
31) Cyclohexane	7.66	56	4252	0.967	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	15952	3.810	ug/l #	49
38) Carbon Tetrachloride	7.67	117	21477	5.470	ug/l #	16
43) Isopropyl Acetate	8.17	43	18674	2.878	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1706	0.500	ug/l #	45
48) Methyl methacrylate	9.18	41	7964	2.538	ug/l #	13
49) 1,4-Dioxane	9.27	88	121	1.880	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	3881	0.924	ug/l	87
54) cis-1,3-Dichloropropene	9.90	75	50081	10.304	ug/l #	59
57) 1,3-Dichloropropane	10.76	76	11418	2.188	ug/l #	42
59) 2-Hexanone	10.76	43	145267	48.181	ug/l #	52
68) m/p-Xylenes	11.63	106	3250	0.492	ug/l	98
71) Bromoform	12.40	173	1623	0.576	ug/l #	1
74) N-amyl acetate	11.88	43	13670	2.688	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	98216	26.513	ug/l #	100
79) 2-Chlorotoluene	12.59	91	106	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	98216	81.881	ug/l #	13
83) tert-Butylbenzene	12.73	119	65	Below Cal	#	27
93) 1,2,4-Trichlorobenzene	14.90	180	298	3.775	ug/l #	86
95) Naphthalene	15.14	128	847	4.610	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	476	3.458	ug/l #	84

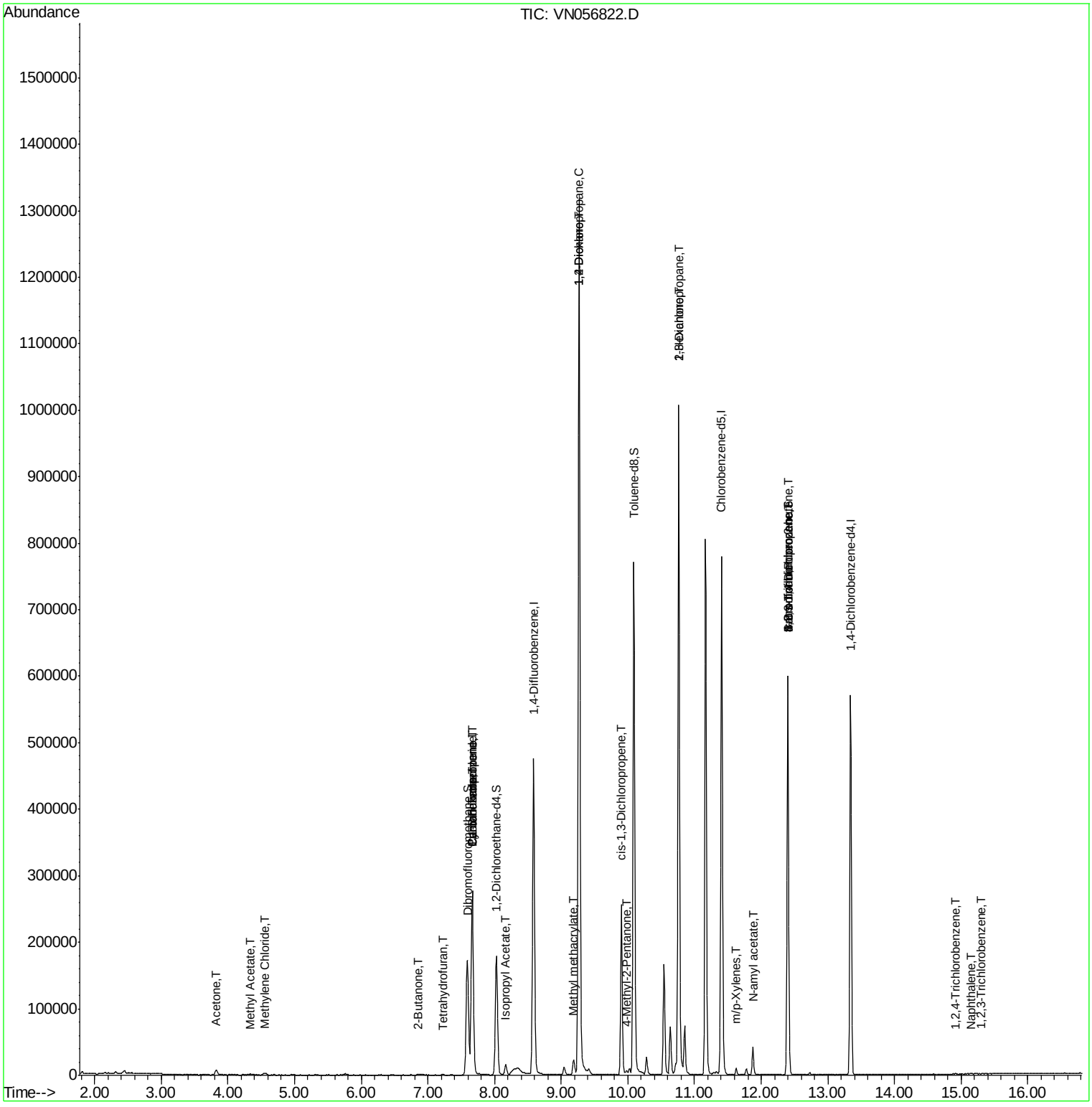
(#) = qualifier out of range (m) = manual integration (+) = signals summed

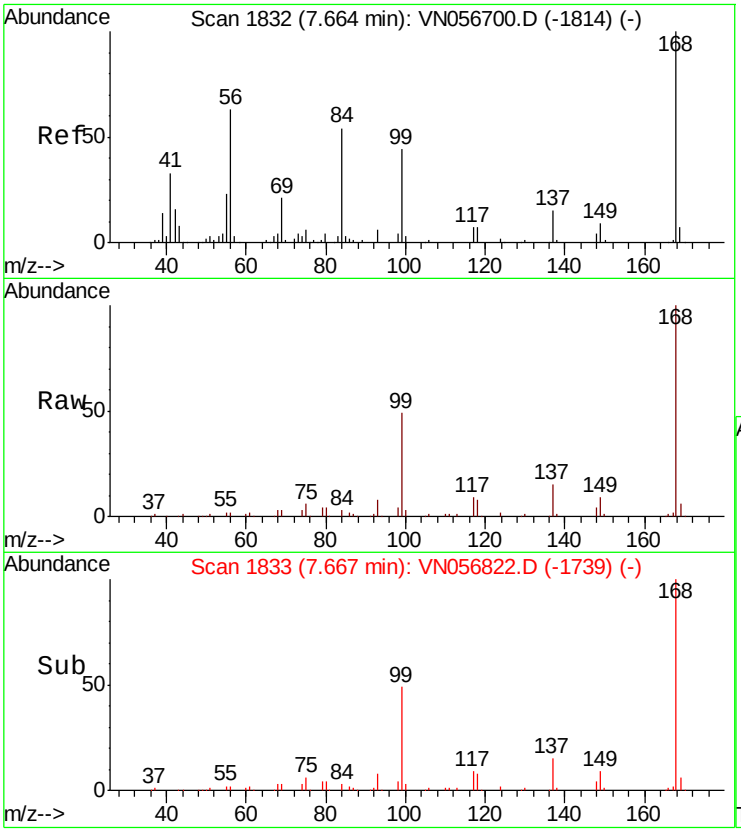
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071919\
Data File : VN056822.D
Acq On : 19 Jul 2019 11:25
Operator : JC/SP
Sample : PB121463ZHE#08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Quant Time: Jul 19 23:12:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 2019
Response via : Initial Calibration



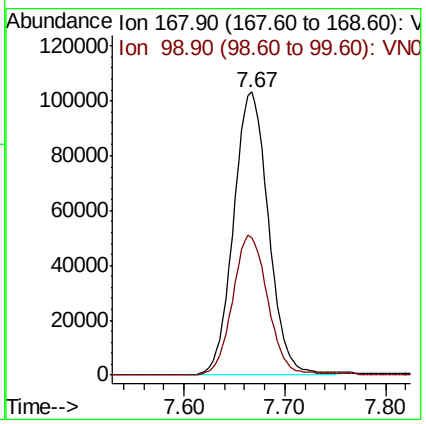


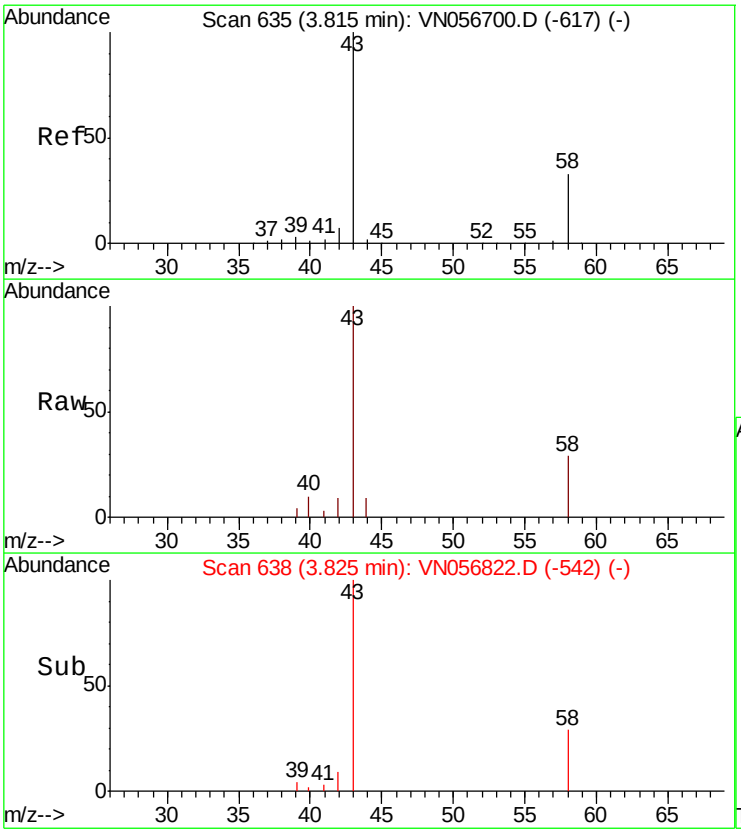
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion:168 Resp: 248598

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.4	59.2

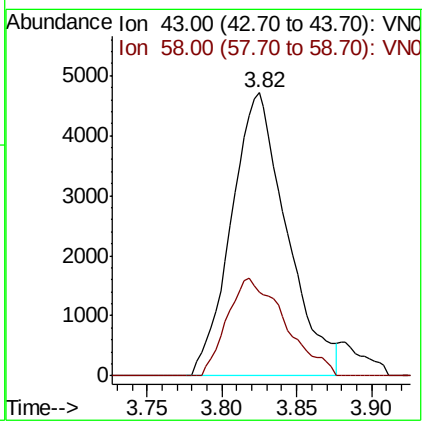


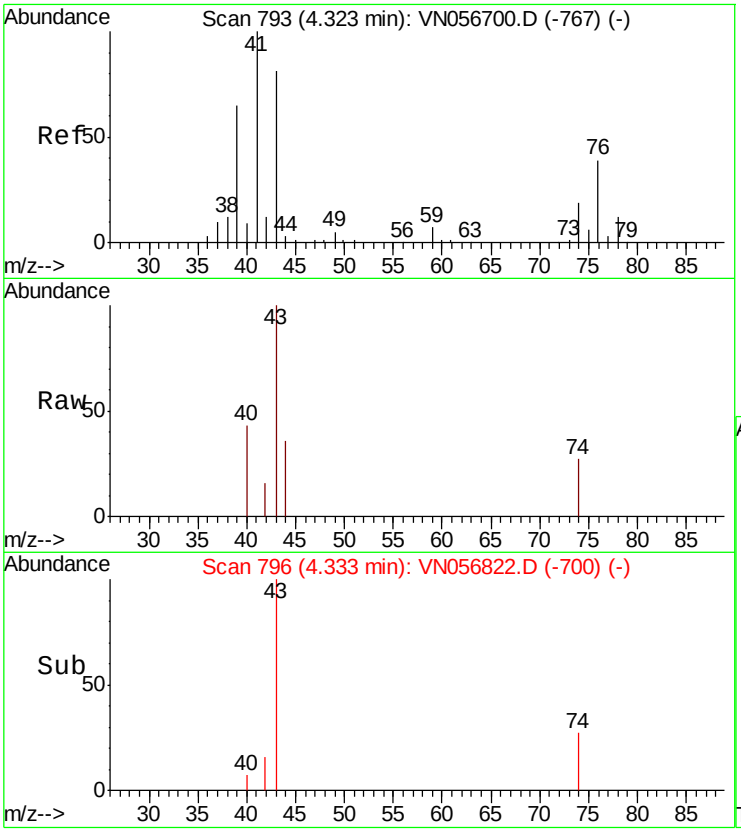


#16
Acetone
Concen: 9.612 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 43 Resp: 12180

Ion	Ratio	Lower	Upper
43	100		
58	29.4	26.7	40.1



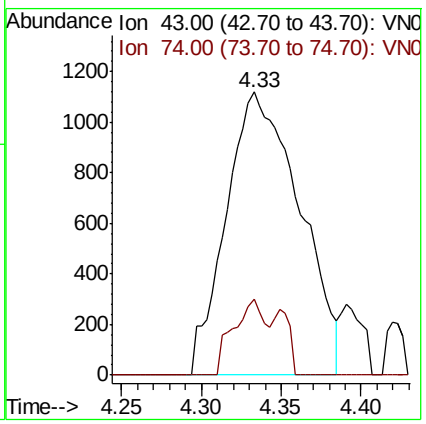


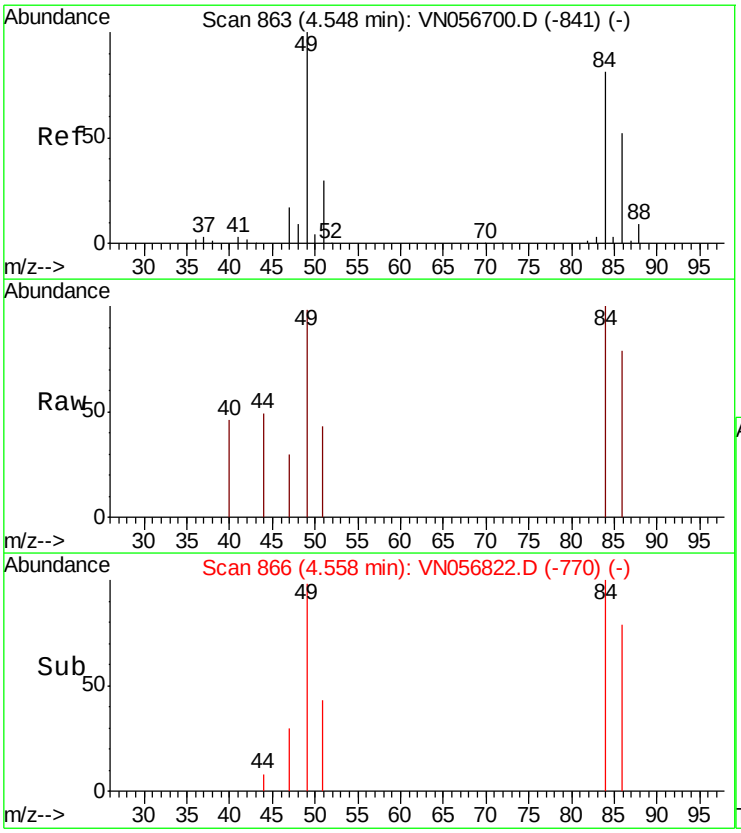
#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion: 43 Resp: 3541

Ion	Ratio	Lower	Upper
43	100		
74	11.6	18.9	28.3#

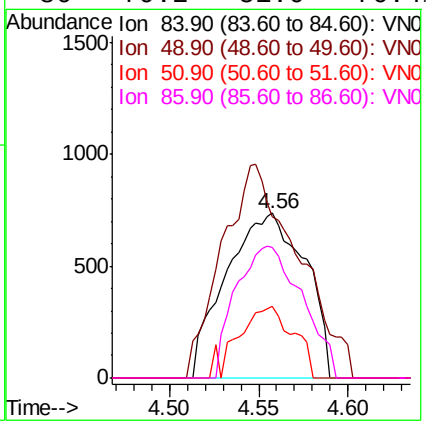


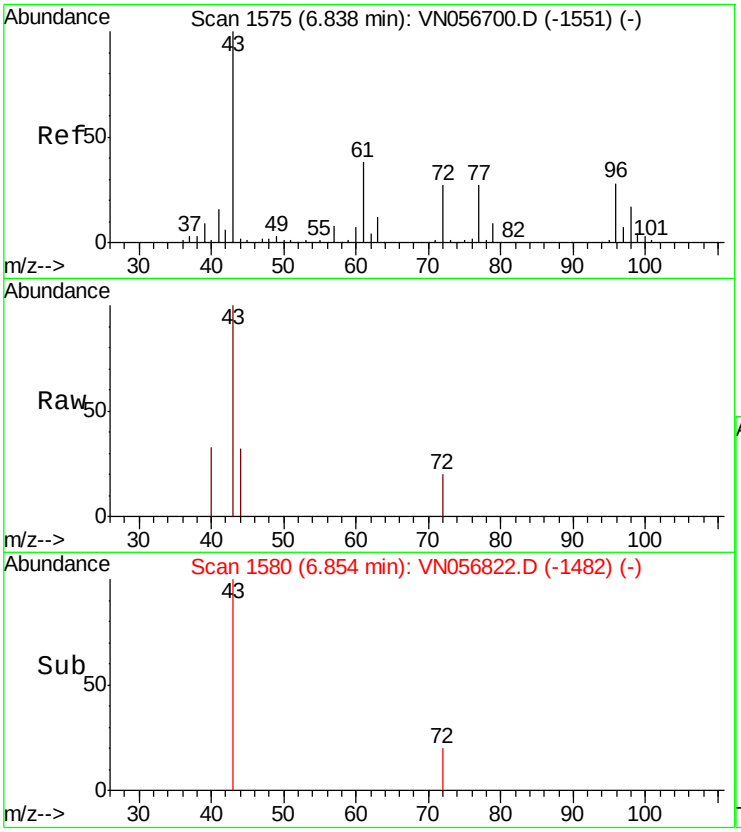


#20
Methylene Chloride
Concen: 0.821 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 84 Resp: 2274

Ion	Ratio	Lower	Upper
84	100		
49	98.1	98.2	147.4#
51	43.3	29.6	44.4
86	79.2	51.0	76.4#



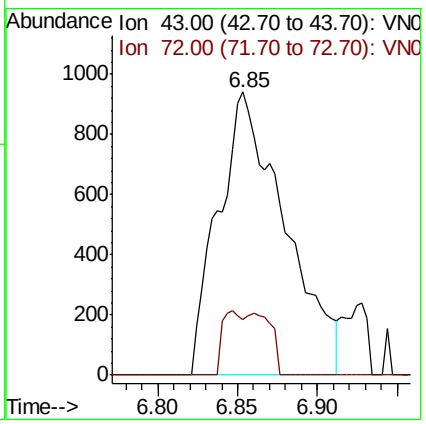


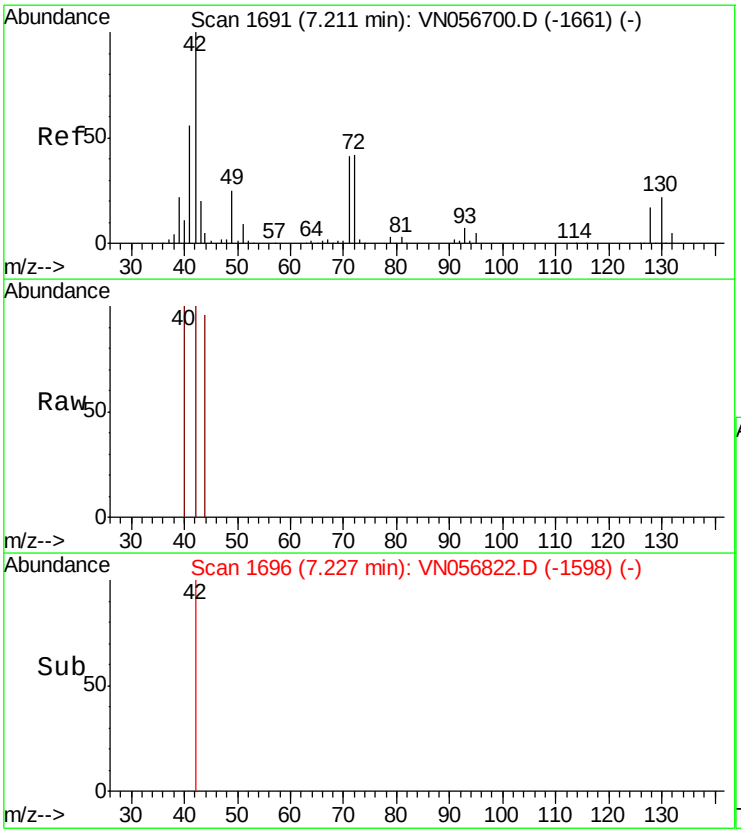
#25
2-Butanone
Concen: 1.457 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion: 43 Resp: 2700

Ion	Ratio	Lower	Upper
43	100		
72	19.8	21.2	31.8#

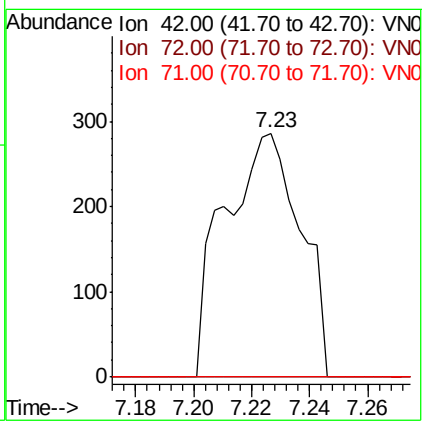


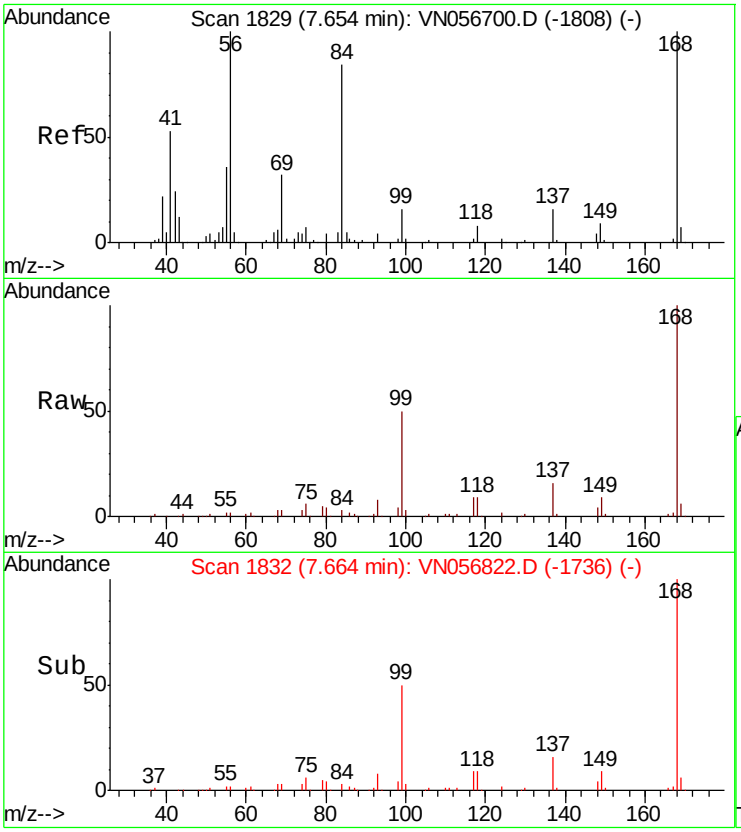


#29
Tetrahydrofuran
Concen: 0.432 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 42 Resp: 522

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.5	50.3#
71	0.0	31.8	47.8#



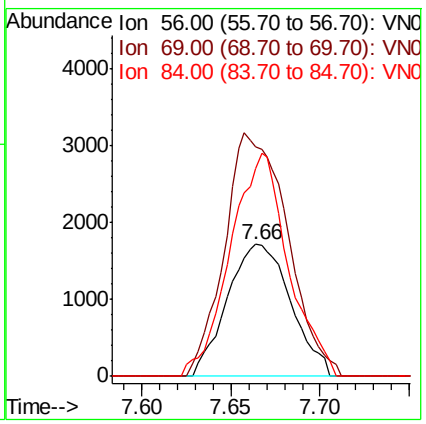


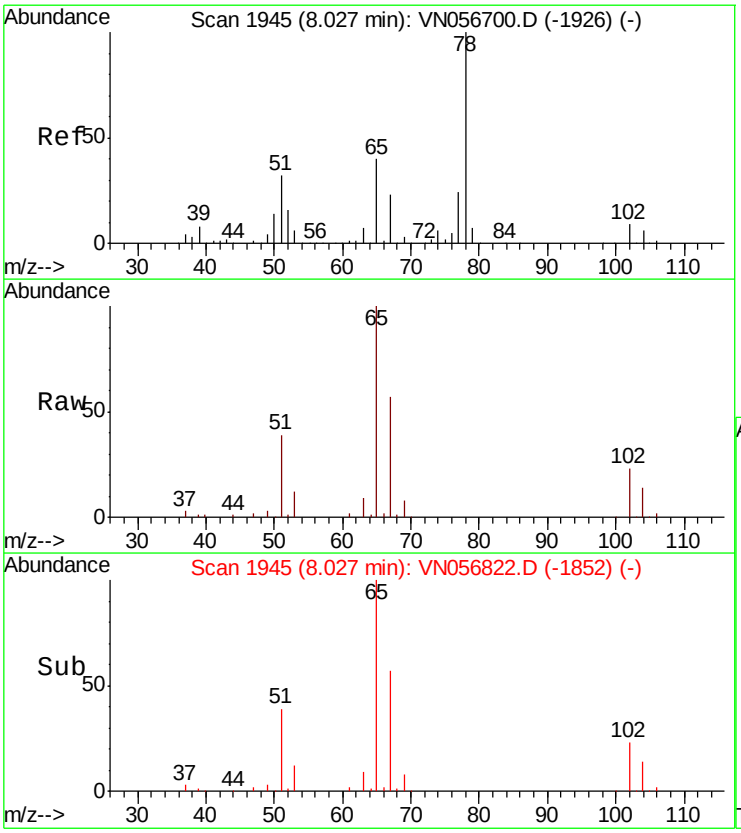
#31
Cyclohexane
Concen: 0.967 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion: 56 Resp: 4252

Ion	Ratio	Lower	Upper
56	100		
69	173.9	25.8	38.8#
84	157.2	67.4	101.0#

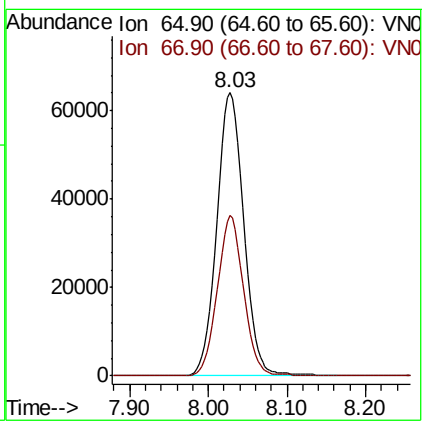


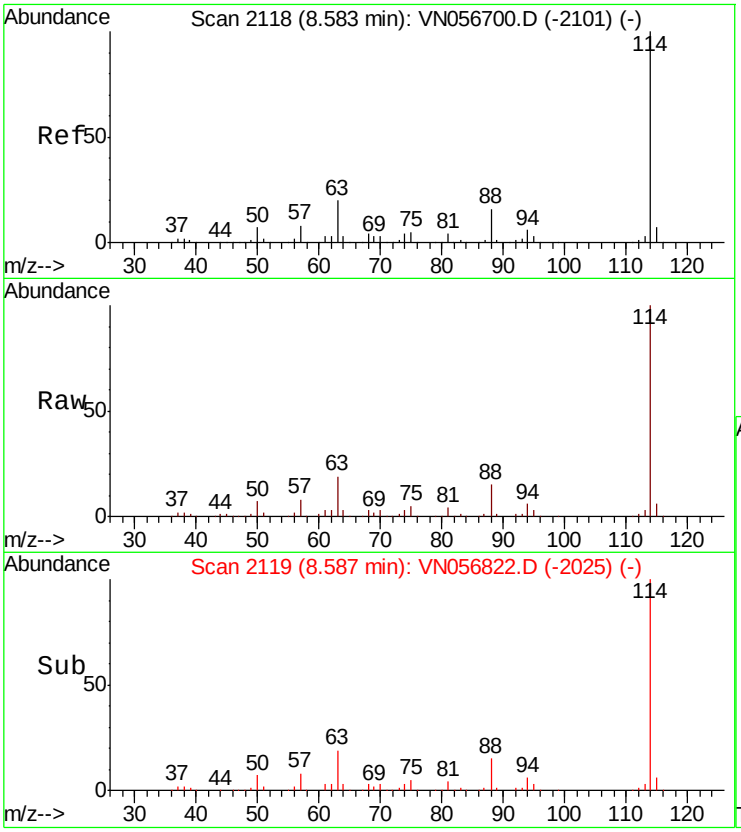


#33
1,2-Dichloroethane-d4
Concen: 55.046 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 65 Resp: 151367

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.0



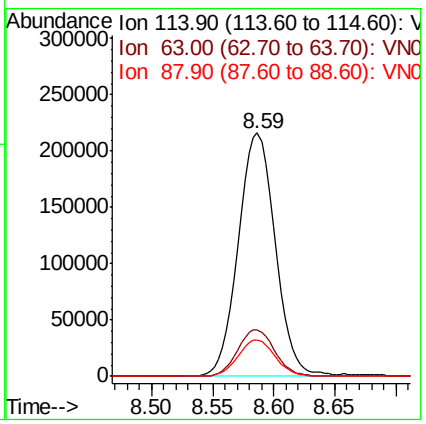


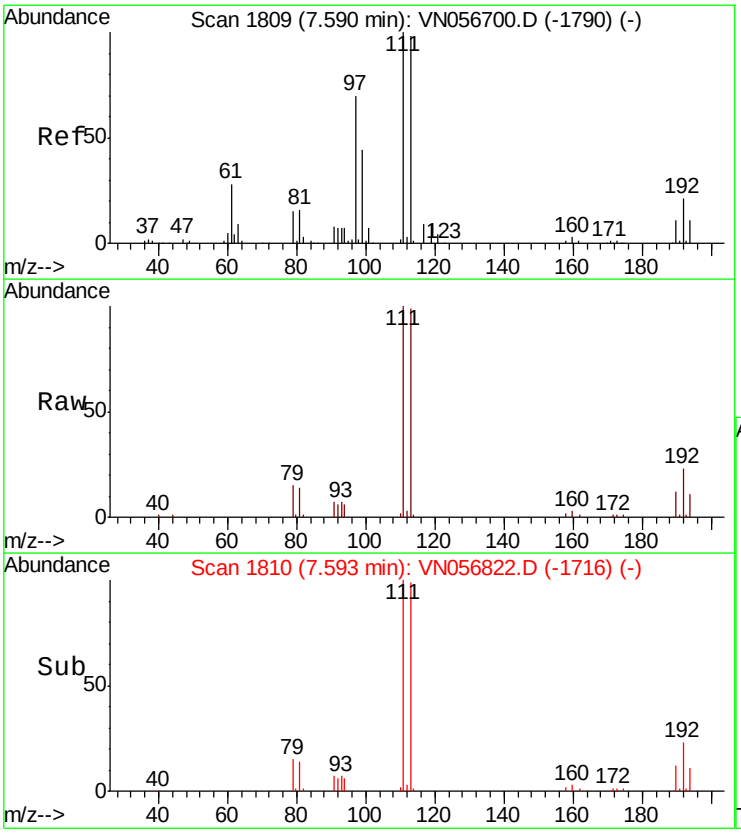
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion:114 Resp: 452479

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.4
88	15.0	0.0	31.2

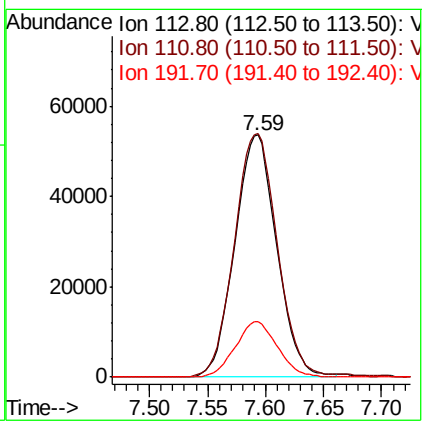


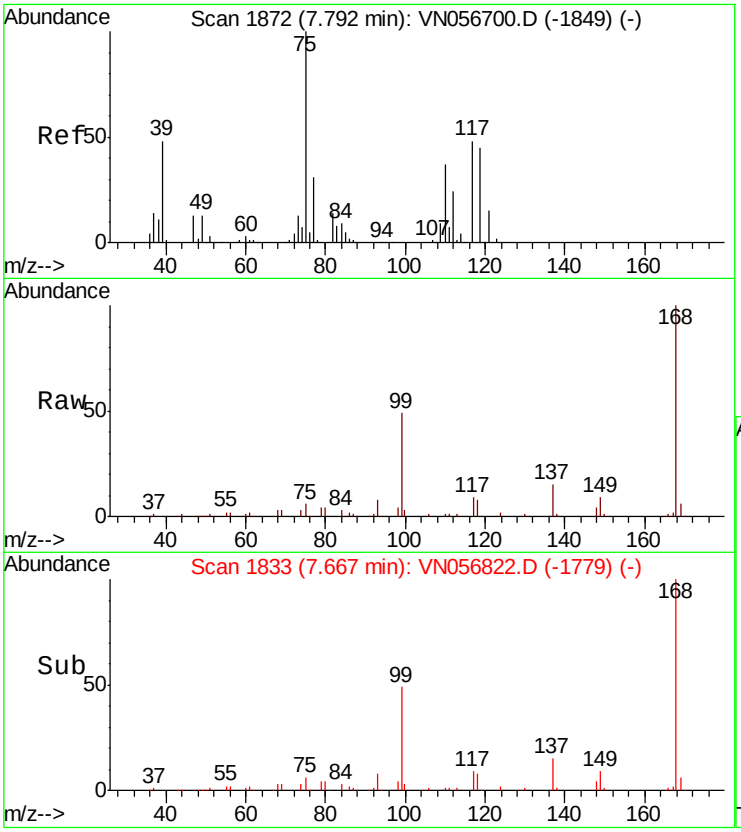


#35
Dibromofluoromethane
Concen: 47.807 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion:113 Resp: 134619

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	22.9	17.5	26.3



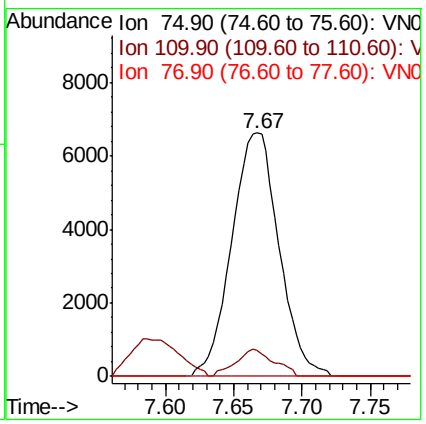


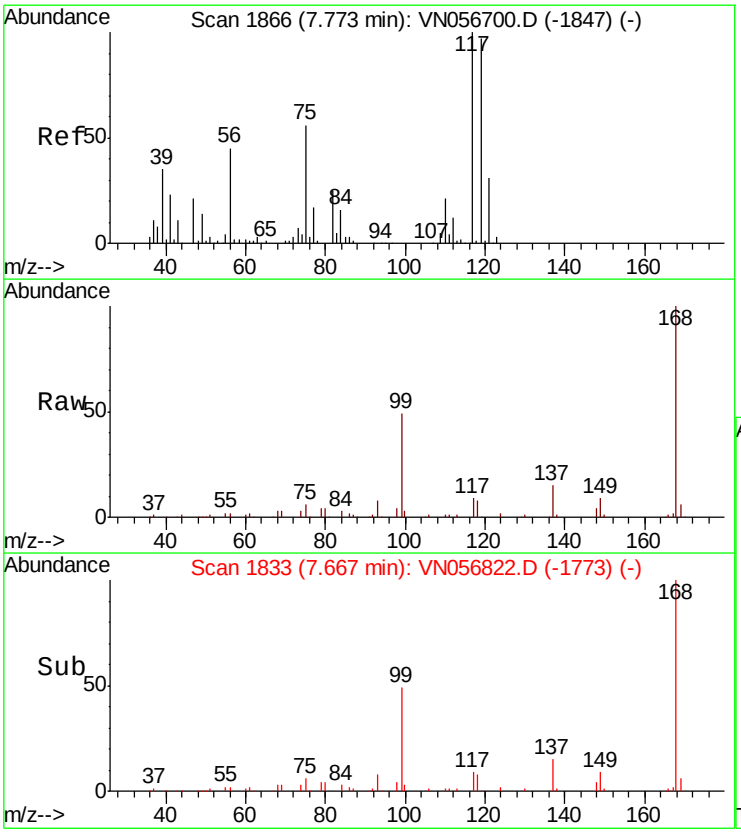
#36
1,1-Dichloropropene
Concen: 3.810 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion: 75 Resp: 15952

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.4#
77	0.0	24.6	36.8#

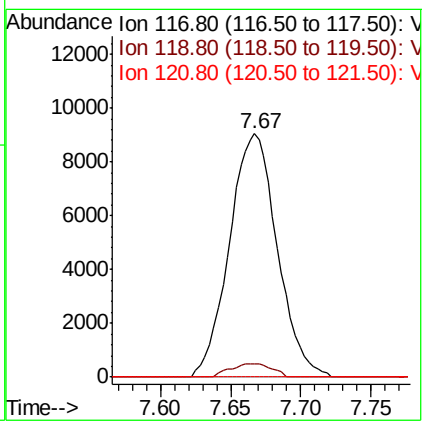


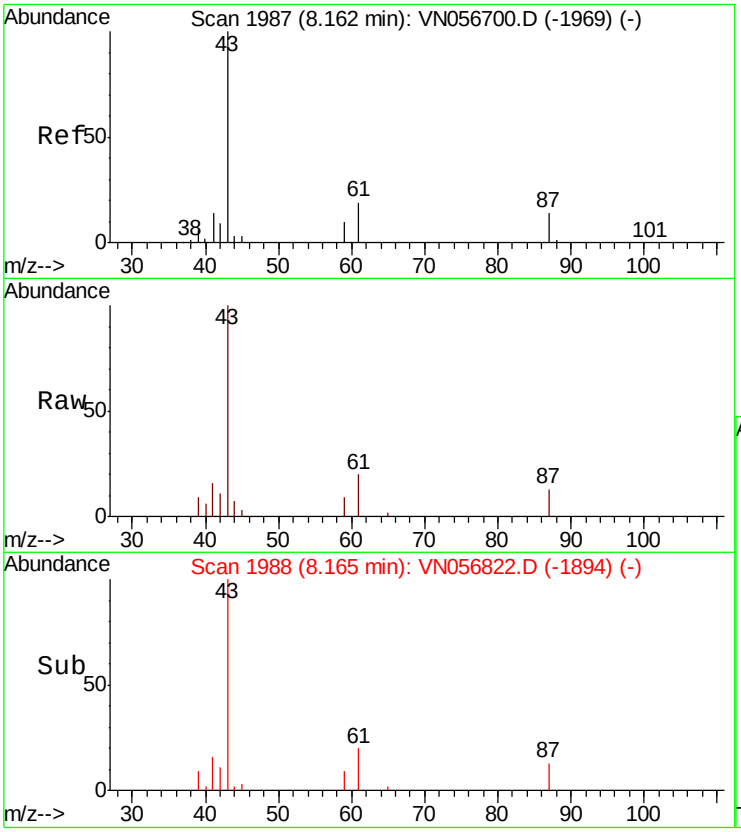


#38
Carbon Tetrachloride
Concen: 5.470 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion:117 Resp: 21477

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.5	116.3#
121	0.0	24.7	37.1#



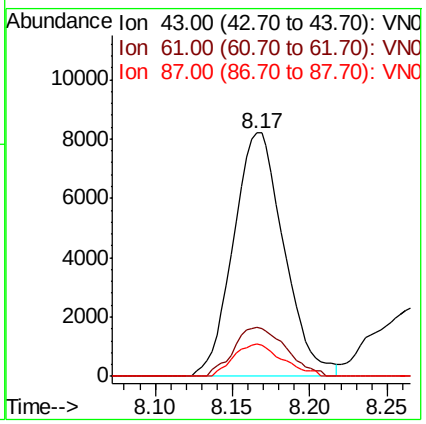


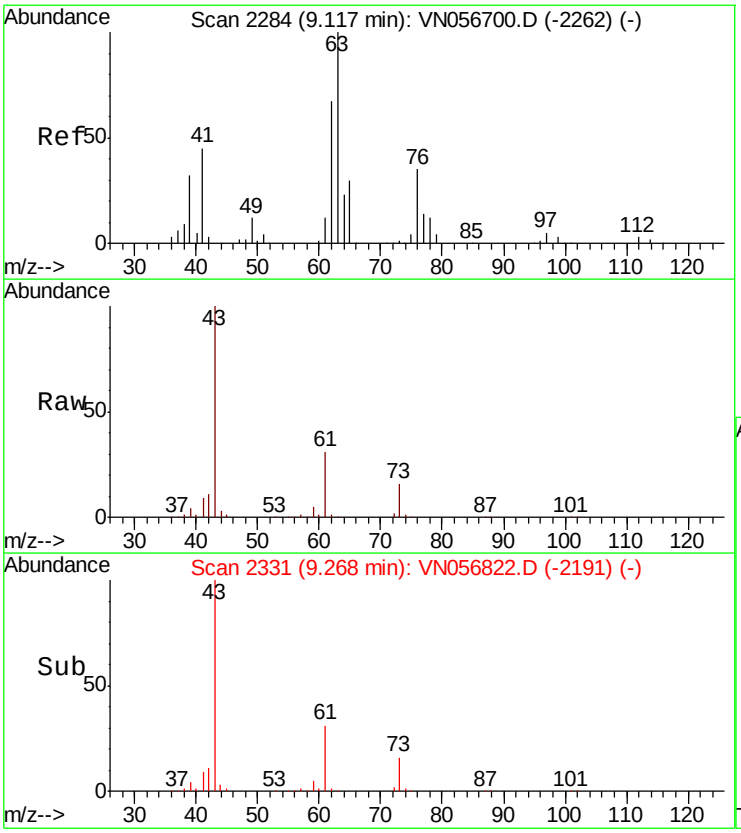
#43
Isopropyl Acetate
Concen: 2.878 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion: 43 Resp: 18674

Ion	Ratio	Lower	Upper
43	100		
61	20.8	22.3	33.5#
87	12.7	11.1	16.7

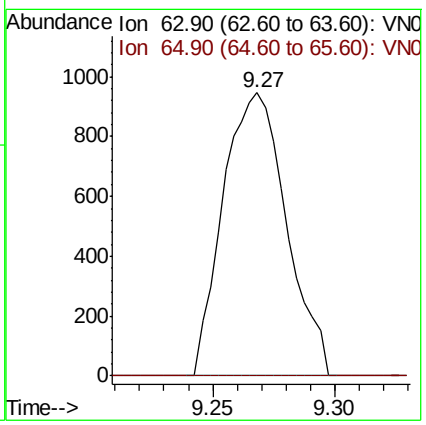


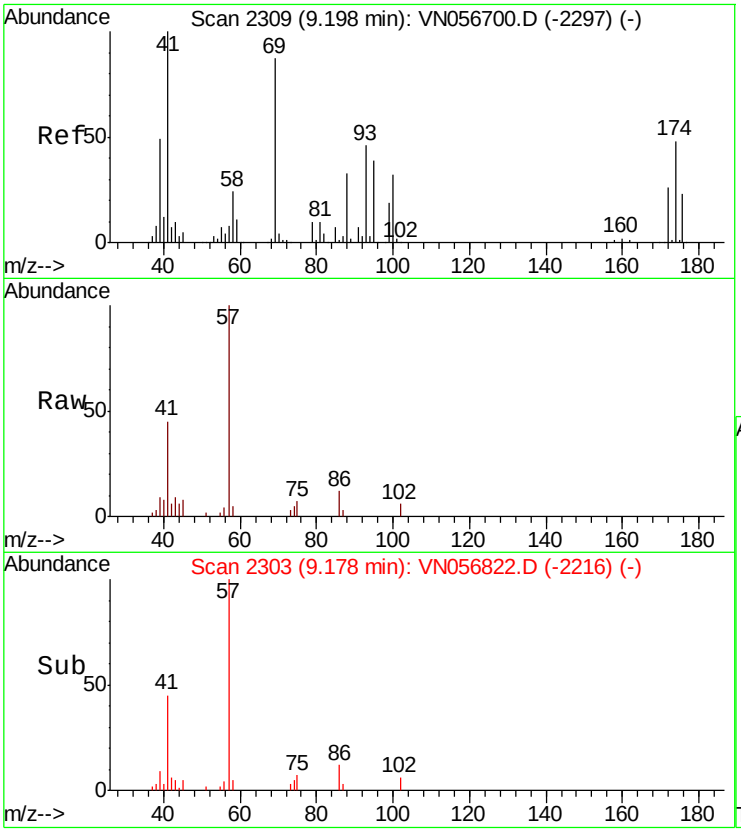


#45
1,2-Dichloropropane
Concen: 0.500 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 63 Resp: 1706

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.0	36.0#



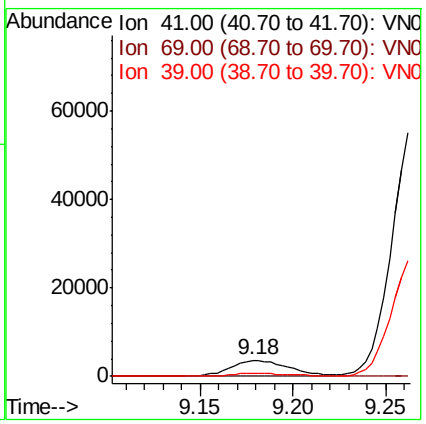


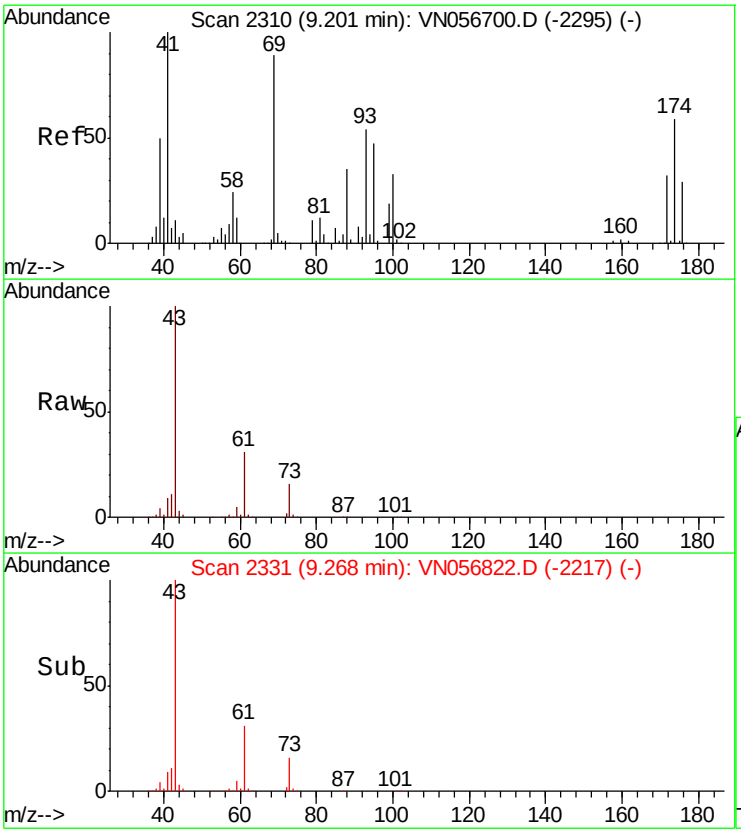
#48
Methyl methacrylate
Concen: 2.538 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion: 41 Resp: 7964

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.4	107.0#
39	0.0	41.2	61.8#

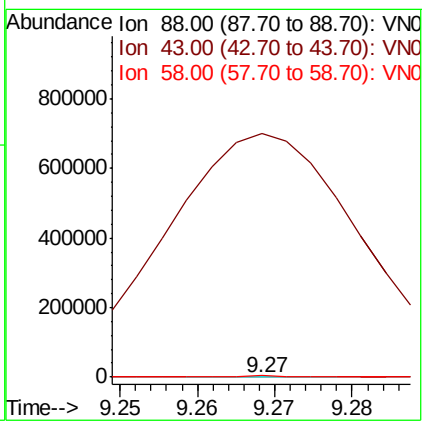


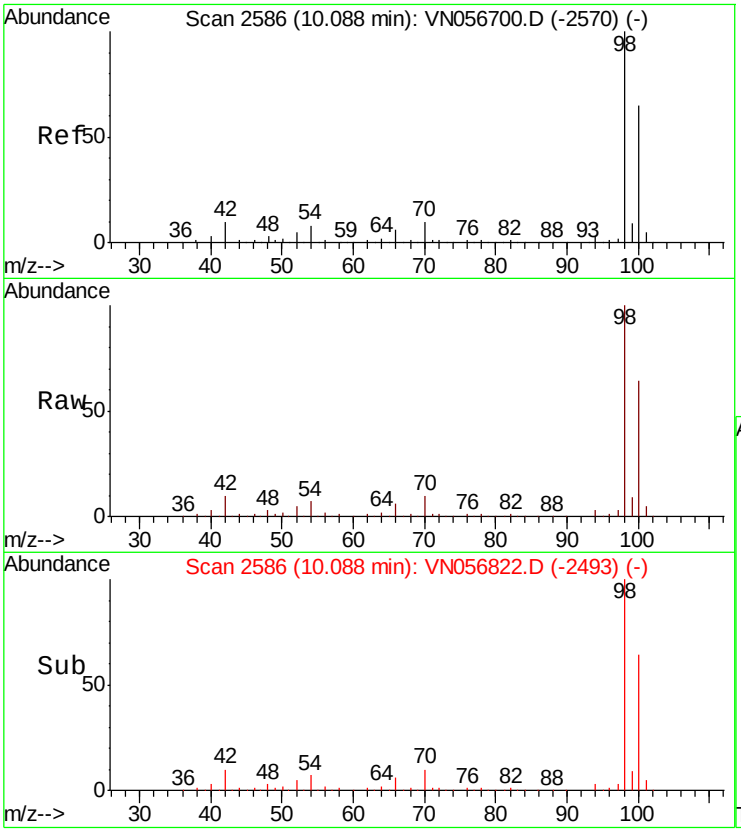


#49
1,4-Dioxane
Concen: 1.880 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 88 Resp: 121

Ion	Ratio	Lower	Upper
88	100		
43	1094625.6	23.7	35.5#
58	4732.2	55.6	83.4#



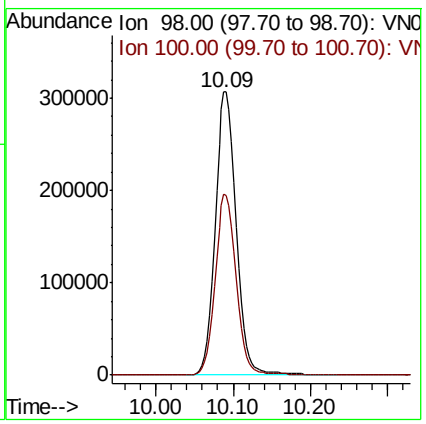


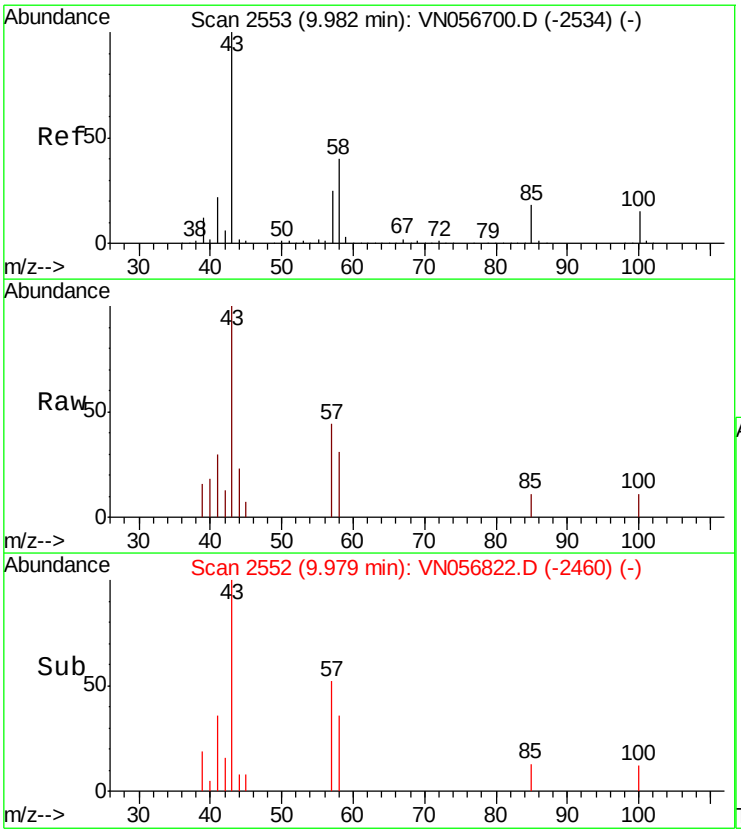
#50
Toluene-d8
Concen: 53.817 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion: 98 Resp: 585292

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.0	78.0

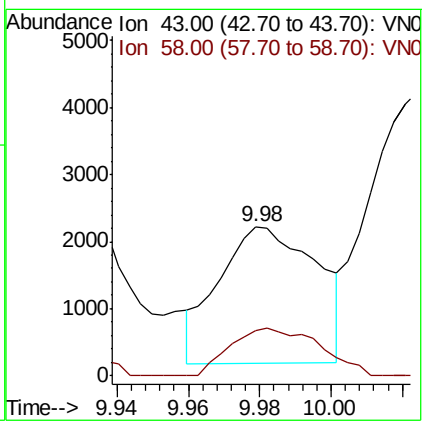


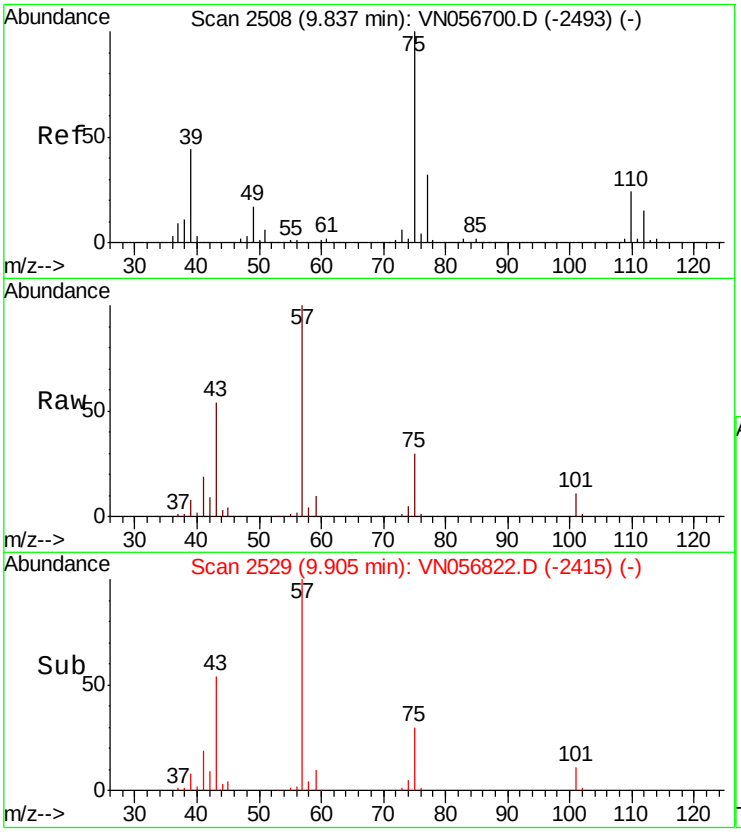


#51
4-Methyl-2-Pentanone
Concen: 0.924 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 43 Resp: 3881

Ion	Ratio	Lower	Upper
43	100		
58	32.1	32.0	48.0



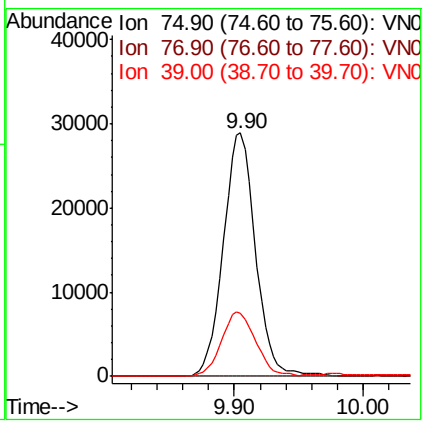


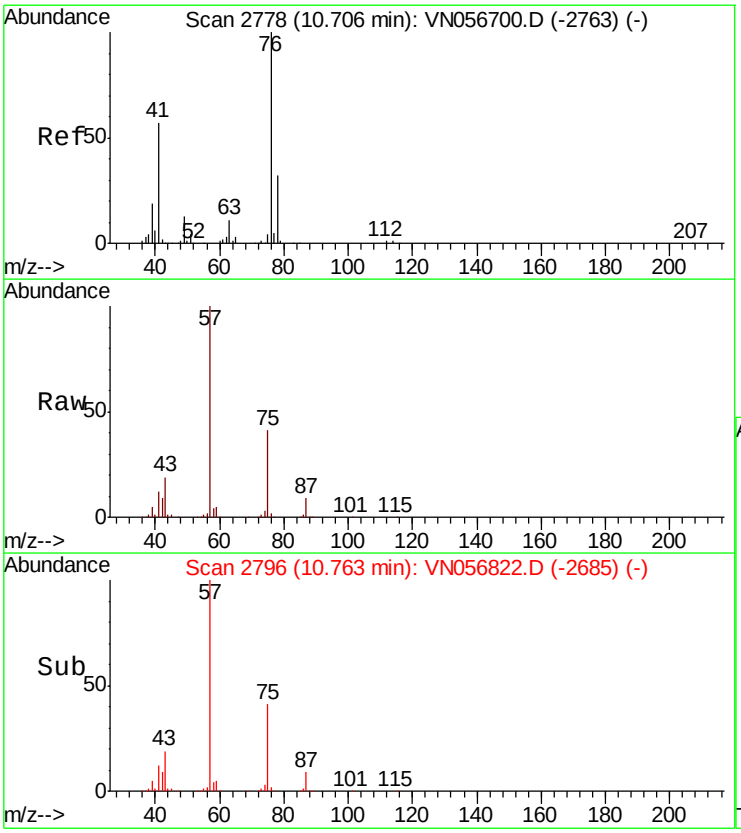
#54
cis-1,3-Dichloropropene
Concen: 10.304 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion: 75 Resp: 50081

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#
39	25.7	35.1	52.7#

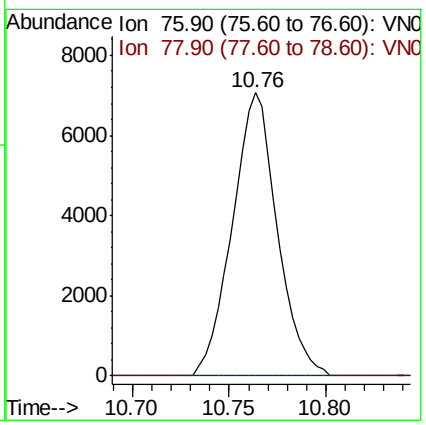


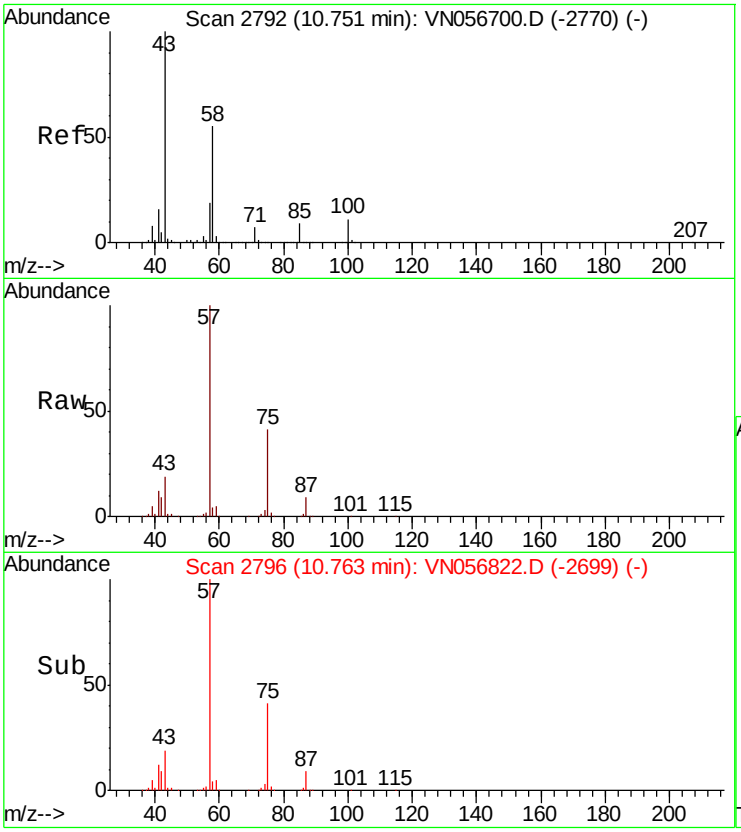


#57
1,3-Dichloropropane
Concen: 2.188 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 76 Resp: 11418

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



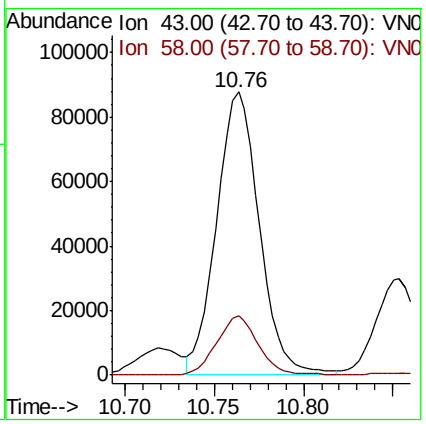


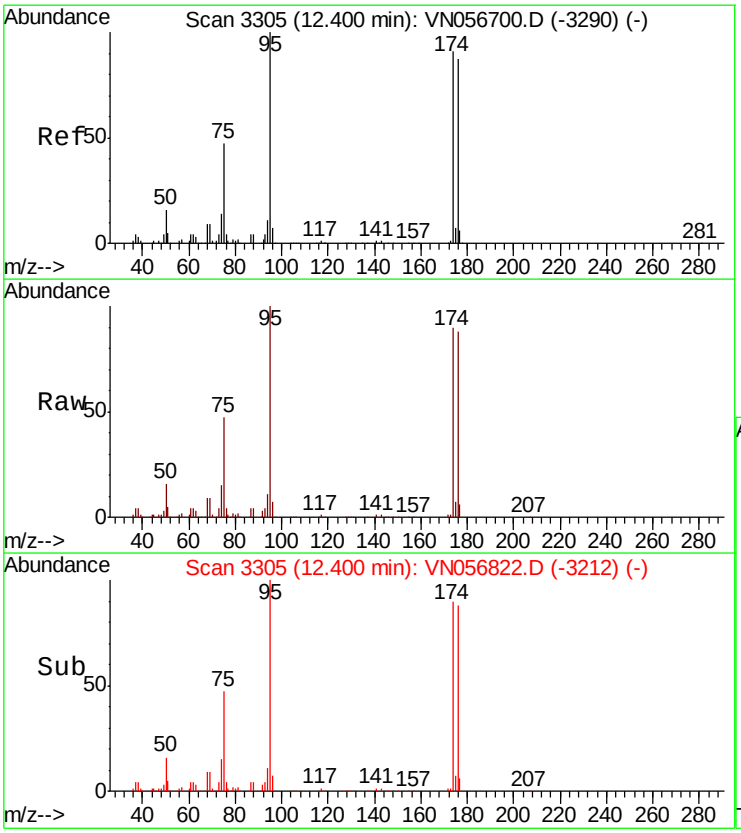
#59
2-Hexanone
Concen: 48.181 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion: 43 Resp: 145267

Ion	Ratio	Lower	Upper
43	100		
58	20.5	27.9	83.6#

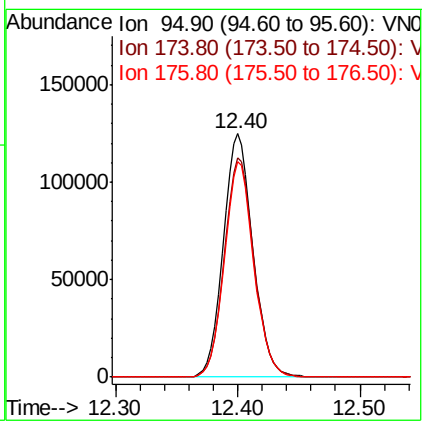


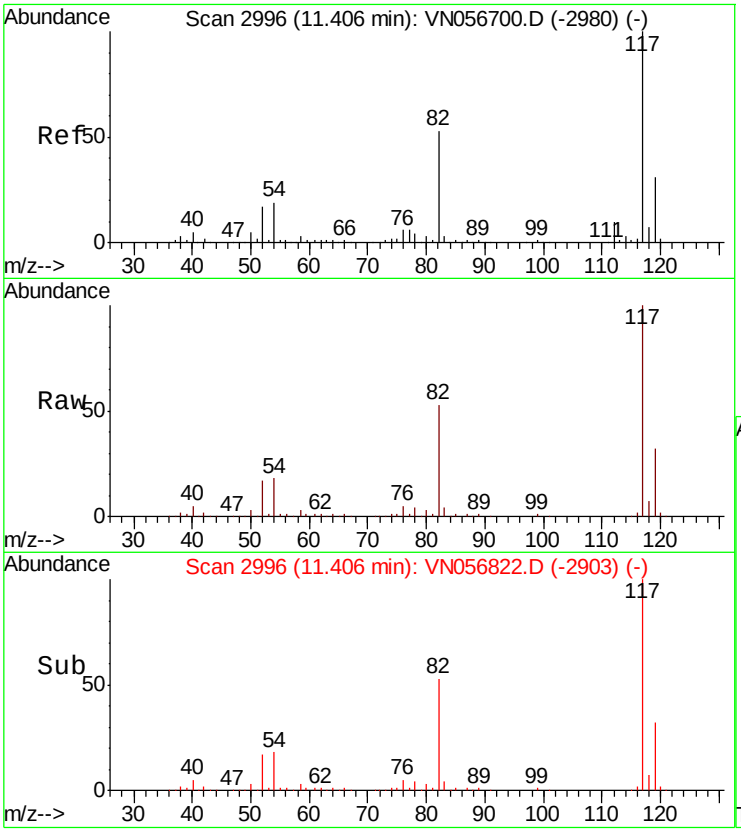


#62
4-Bromofluorobenzene
Concen: 57.687 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 95 Resp: 211574

Ion	Ratio	Lower	Upper
95	100		
174	90.5	0.0	180.0
176	87.8	0.0	173.2



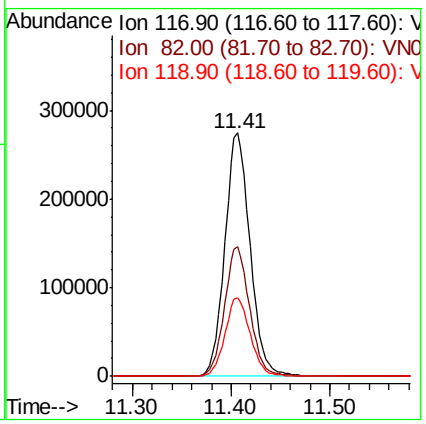


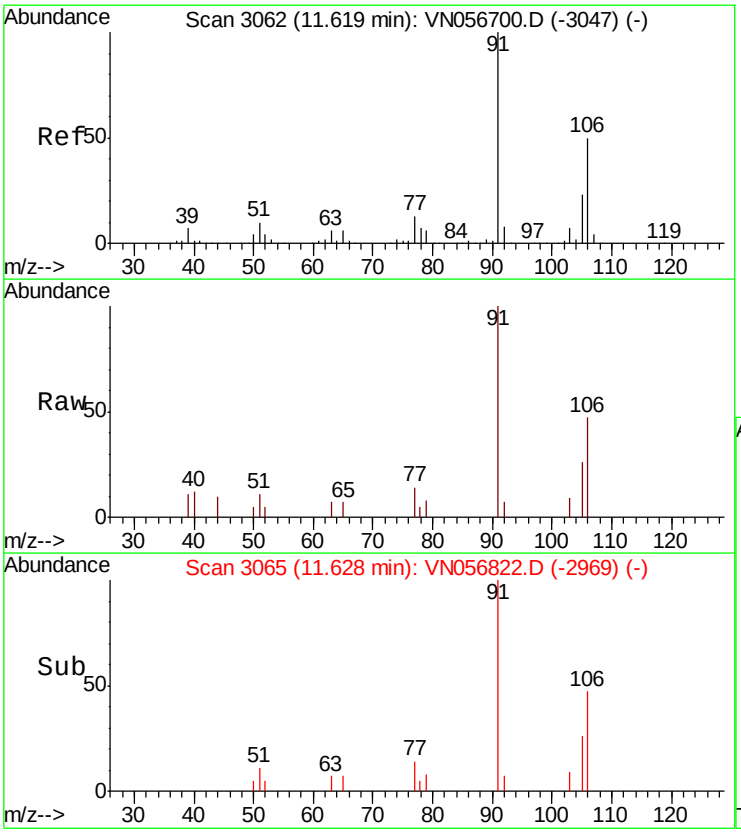
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion:117 Resp: 492121

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.2	63.2
119	32.3	25.2	37.8

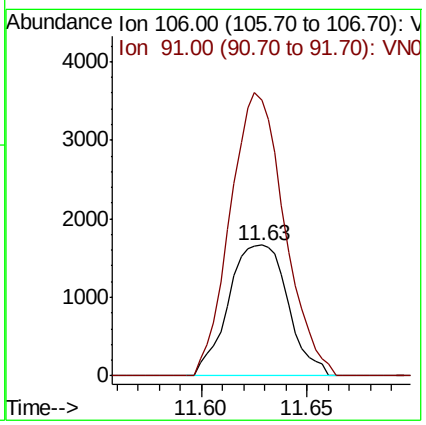


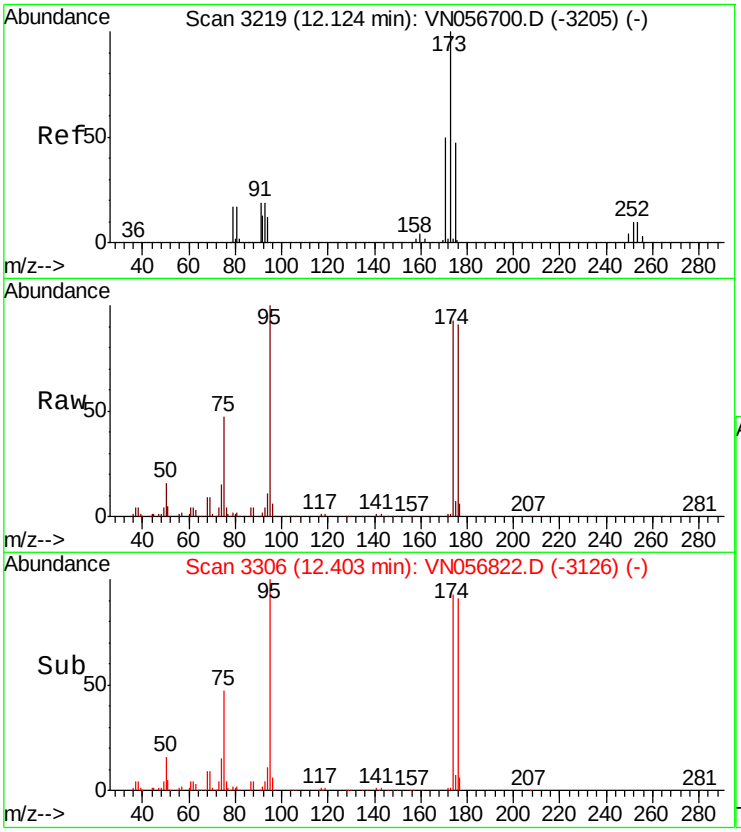


#68
m/p-Xylenes
Concen: 0.492 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion:106 Resp: 3250

Ion	Ratio	Lower	Upper
106	100		
91	198.3	160.5	240.7



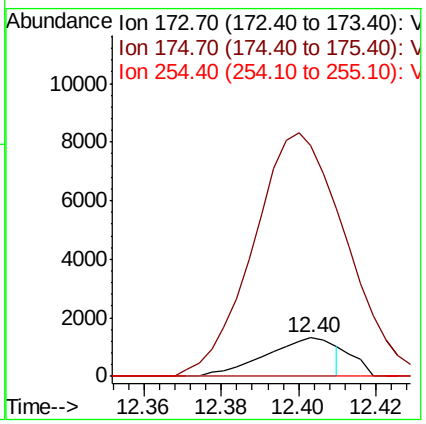


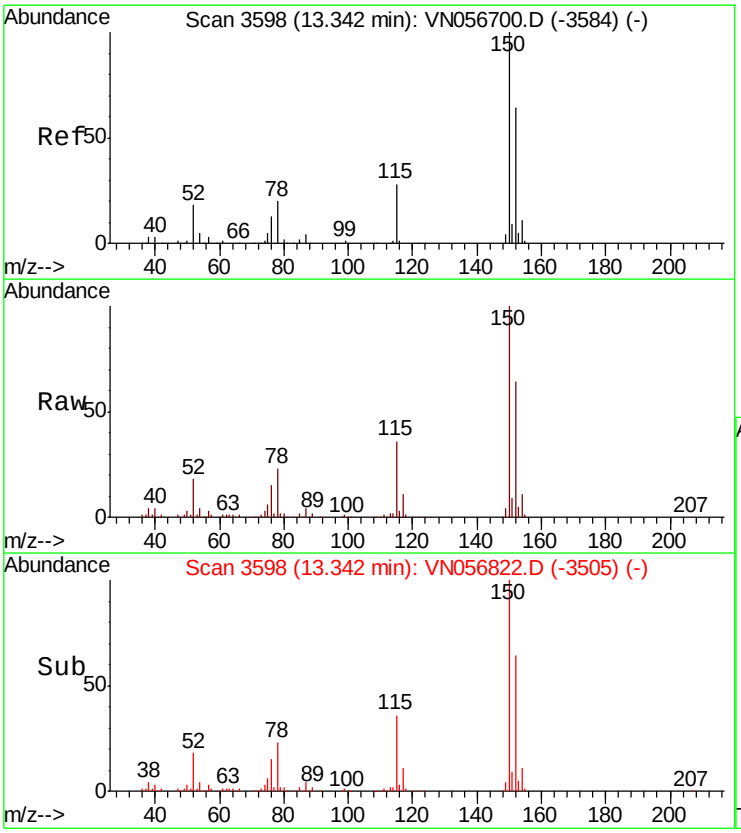
#71
Bromoform
Concen: 0.576 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion:173 Resp: 1623

Ion	Ratio	Lower	Upper
173	100		
175	707.0	23.8	71.4#
254	0.0	0.0	0.0

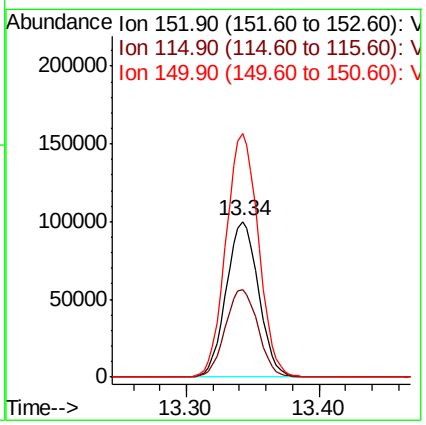


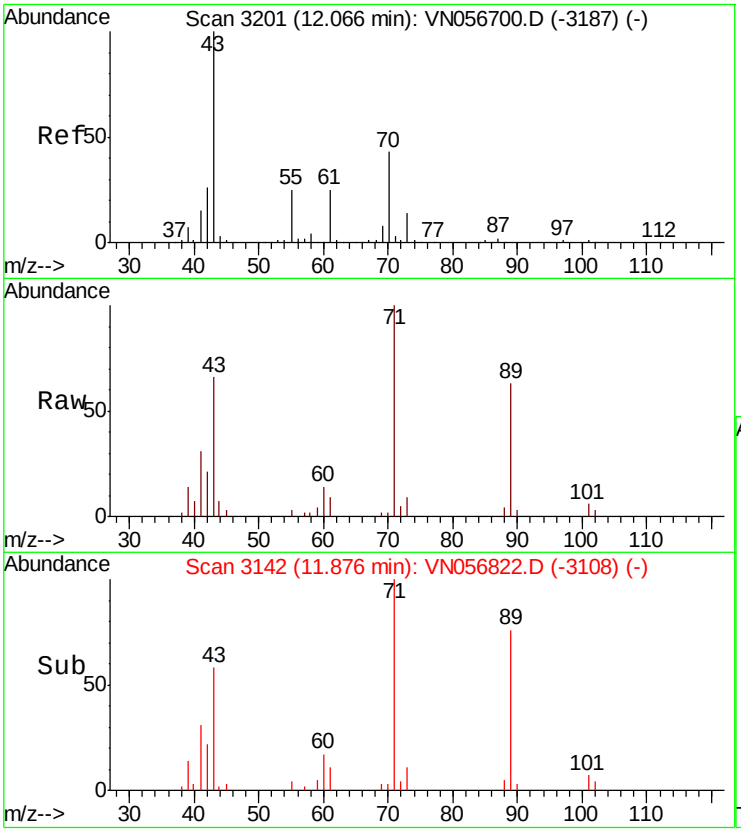


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion:152 Resp: 169373

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.7
150	157.5	0.0	345.8



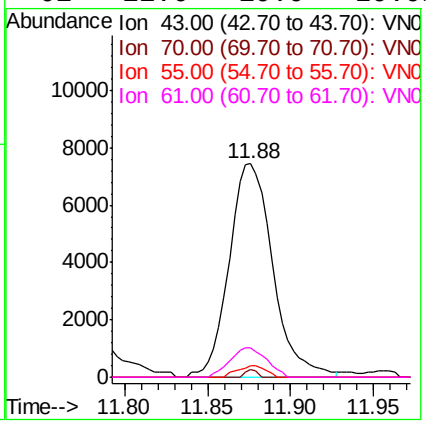


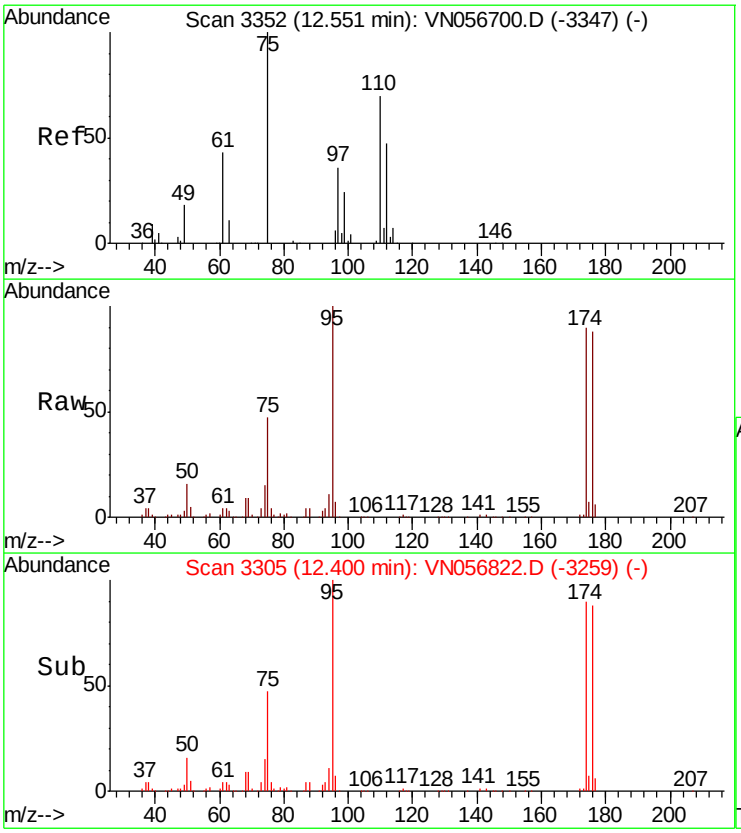
#74
N-amyl acetate
Concen: 2.688 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion: 43 Resp: 13670

Ion	Ratio	Lower	Upper
43	100		
70	0.9	34.5	51.7#
55	3.5	20.2	30.2#
61	11.6	19.9	29.9#

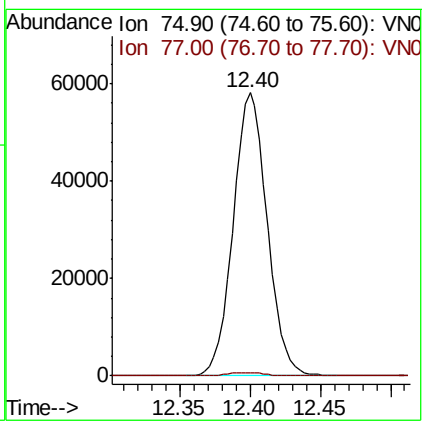


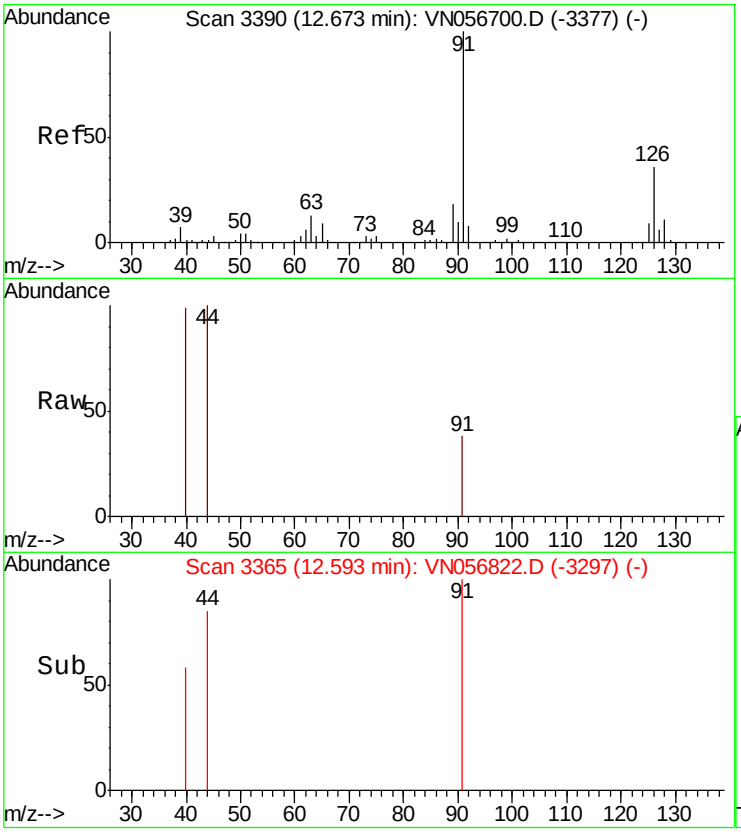


#76
1,2,3-Trichloropropane
Concen: 26.513 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 75 Resp: 98216

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



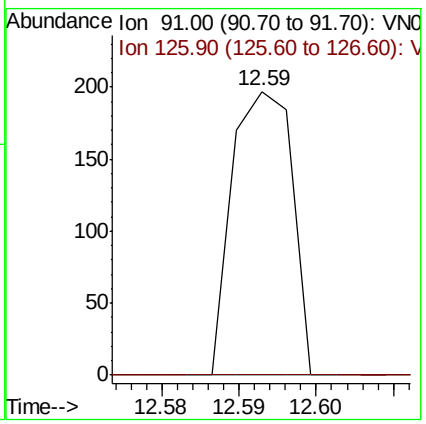


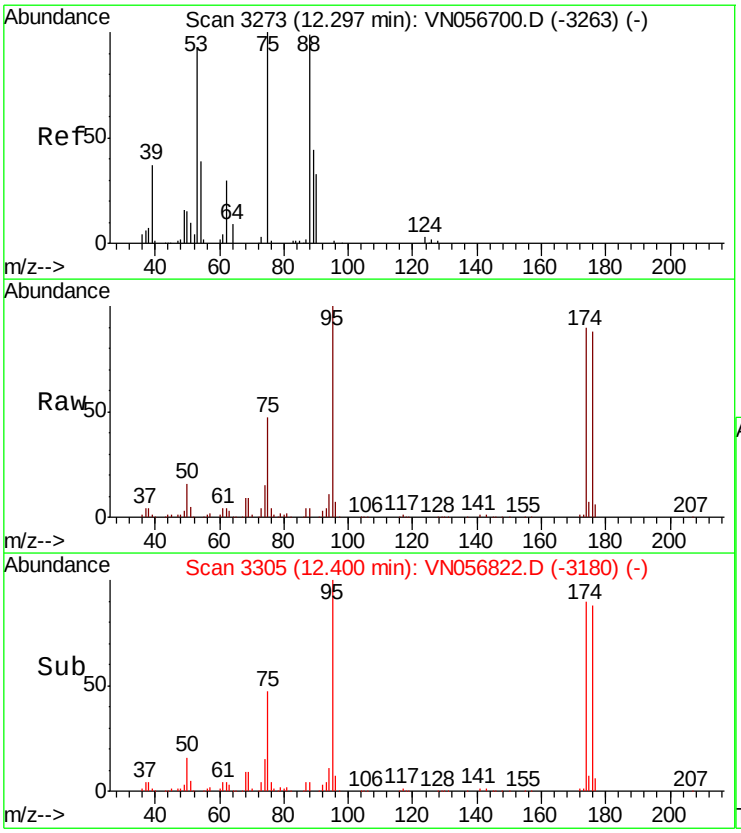
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.59 min Scan# 3365
Delta R.T. -0.08 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion: 91 Resp: 106

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.9	53.7#

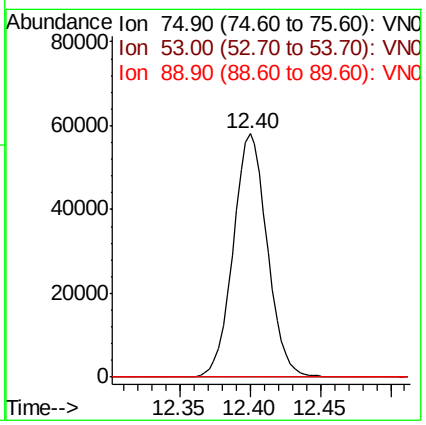


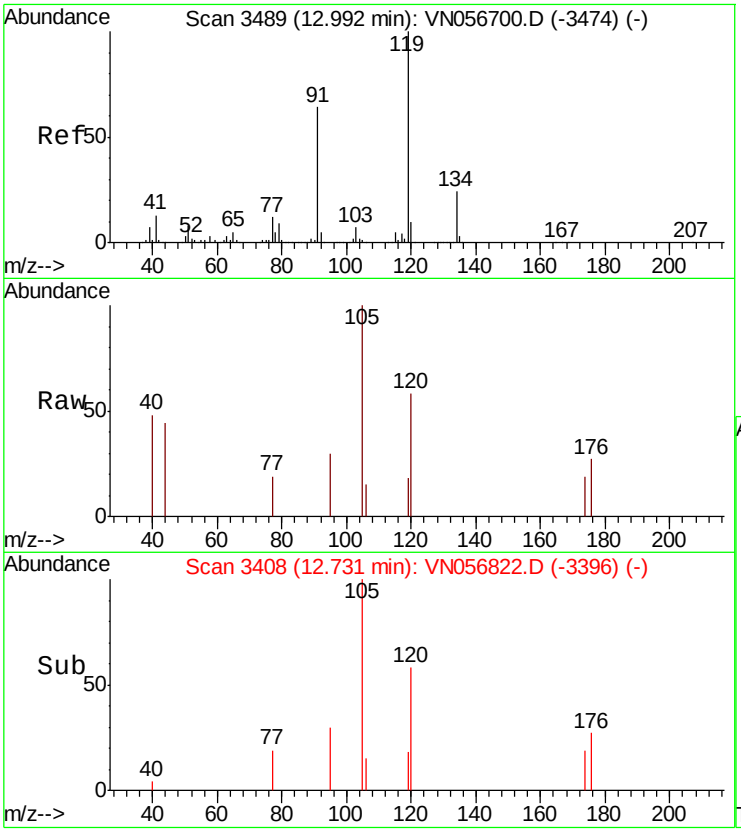


#81
trans-1,4-Dichloro-2-butene
Concen: 81.881 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion: 75 Resp: 98216

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.7	110.5#
89	0.0	36.2	54.2#



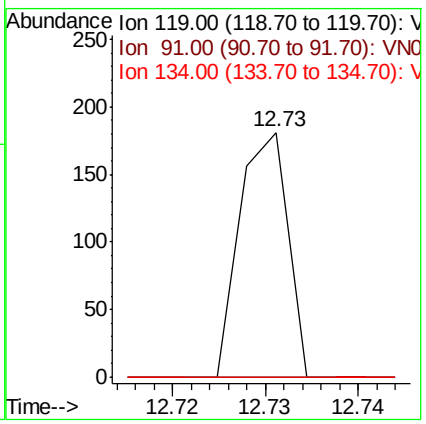


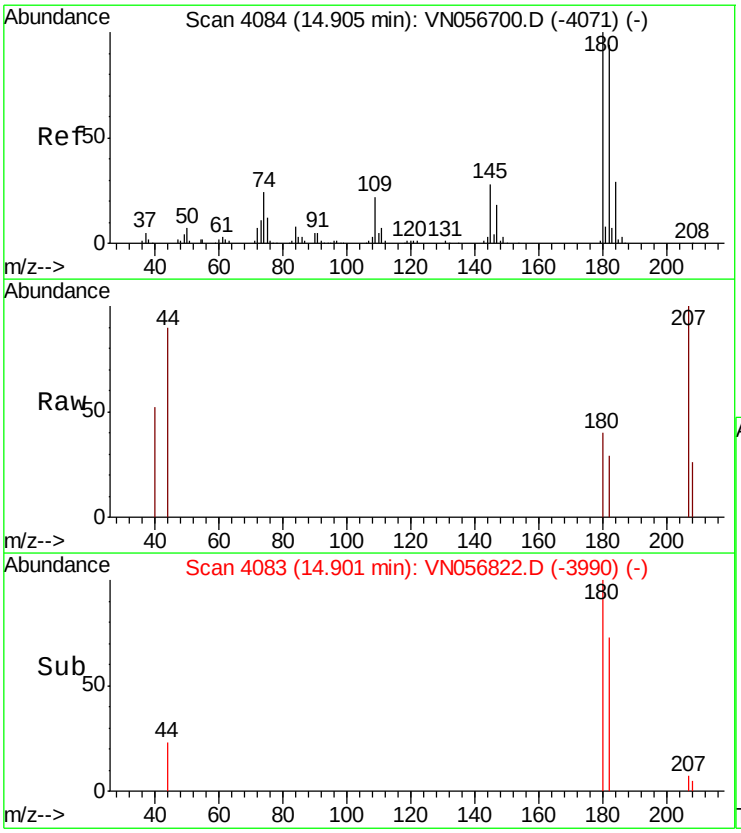
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. -0.26 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument : MSVOA_N
ClientSampleId : PB121463ZHE#08

Tgt Ion:119 Resp: 65

Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.8	95.4#
134	0.0	13.0	38.9#

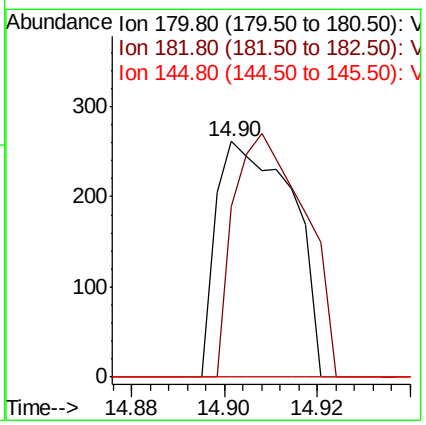


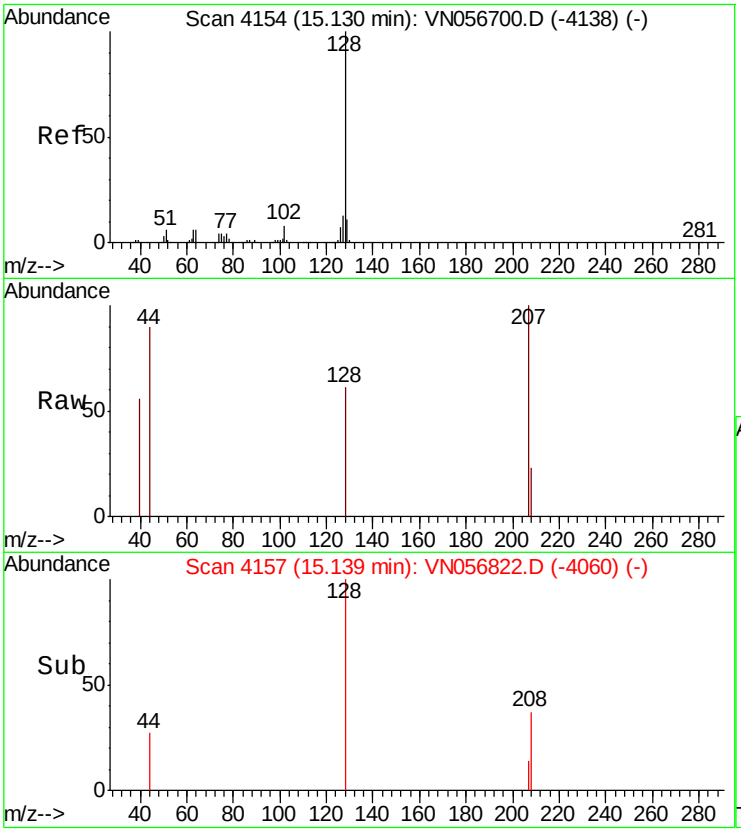


#93
1,2,4-Trichlorobenzene
Concen: 3.775 ug/l
RT: 14.90 min Scan# 4083
Delta R.T. -0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion:180 Resp: 298

Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.2	141.6
145	0.0	14.2	42.8#



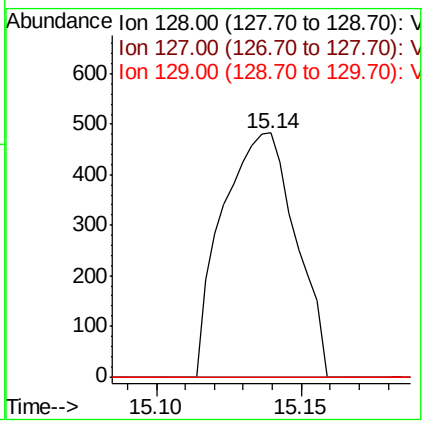


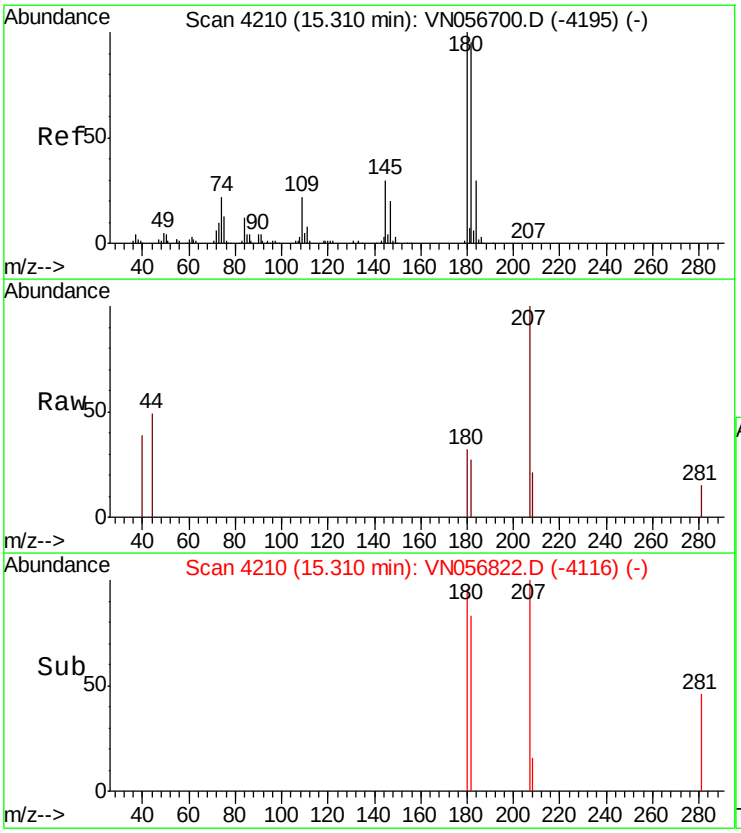
#95
Naphthalene
Concen: 4.610 ug/l
RT: 15.14 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
PB121463ZHE#08

Tgt Ion:128 Resp: 847

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 3.458 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN056822.D
Acq: 19 Jul 2019 11:25

Tgt Ion:180 Resp: 476

Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.1	141.3
145	0.0	15.0	45.1#