Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060319\
Data File : VN055960.D
Acq On : 3 Jun 2019 14:40
Operator : JC/SP
Sample : K3125-16 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 03 16:23:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	357257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	537323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	495545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	179047	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.06%			
35) Dibromofluoromethane	7.59	113	158652	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.40%			
50) Toluene-d8	10.09	98	644561	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.92%			
62) 4-Bromofluorobenzene	12.40	95	210927	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	9640	13.675	ug/l #	75
13) Acrolein	3.61	56	8050	15.948	ug/l #	15
14) Allyl chloride	4.27	41	150089	28.815	ug/l #	39
16) Acetone	3.82	43	357220	220.260	ug/l #	82
18) Methyl Acetate	4.33	43	3470	Below Cal	#	85
22) Diisopropyl ether	6.06	45	2812	0.278	ug/l #	1
23) Vinyl Acetate	6.06	43	6798	0.783	ug/l #	71
25) 2-Butanone	6.85	43	4330	1.912	ug/l	94
31) Cyclohexane	7.66	56	5145	0.929	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20868	4.457	ug/l #	47
38) Carbon Tetrachloride	7.66	117	29722	6.094	ug/l #	15
52) Toluene	10.16	92	90455	10.191	ug/l	100
67) Ethyl Benzene	11.51	91	3763	0.212	ug/l	92
68) m/p-Xylenes	11.62	106	6992	1.040	ug/l	98
69) o-Xylene	11.95	106	2870	0.430	ug/l	84
71) Bromoform	12.40	173	1632	0.484	ug/l #	1
73) Isopropylbenzene	12.25	105	227	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.36	83	786784	241.462	ug/l #	32
76) 1,2,3-Trichloropropane	12.40	75	100708	34.877	ug/l #	100
79) 2-Chlorotoluene	12.68	91	61	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	642	Below Cal		74
81) trans-1,4-Dichloro-2-buten	12.40	75	100708	83.009	ug/l #	15
83) tert-Butylbenzene	13.04	119	59	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	1422	Below Cal		92
85) sec-Butylbenzene	13.17	105	395	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	224	3.702	ug/l #	76
95) Naphthalene	15.14	128	1778	0.235	ug/l #	74

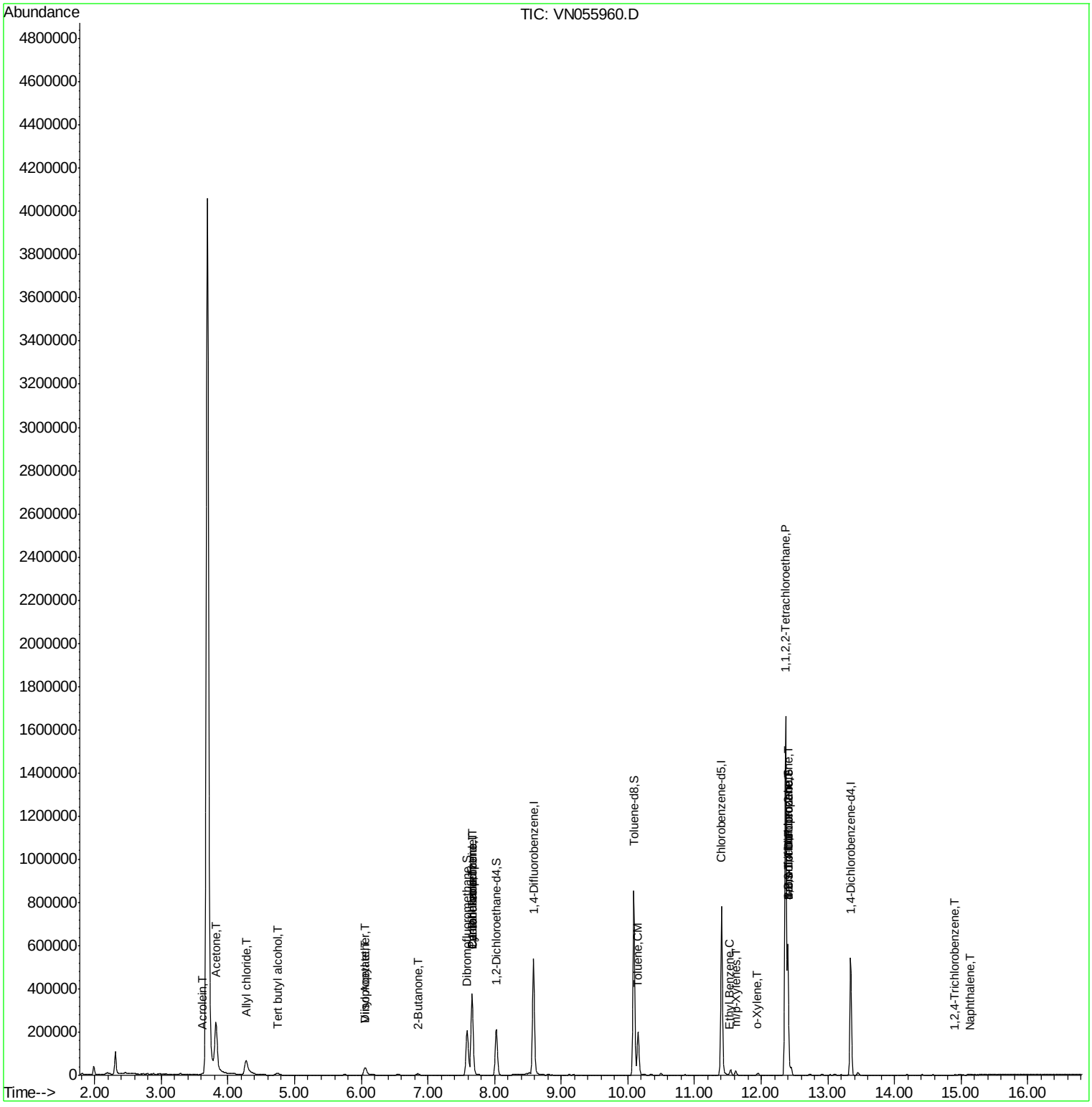
(#) = qualifier out of range (m) = manual integration (+) = signals summed

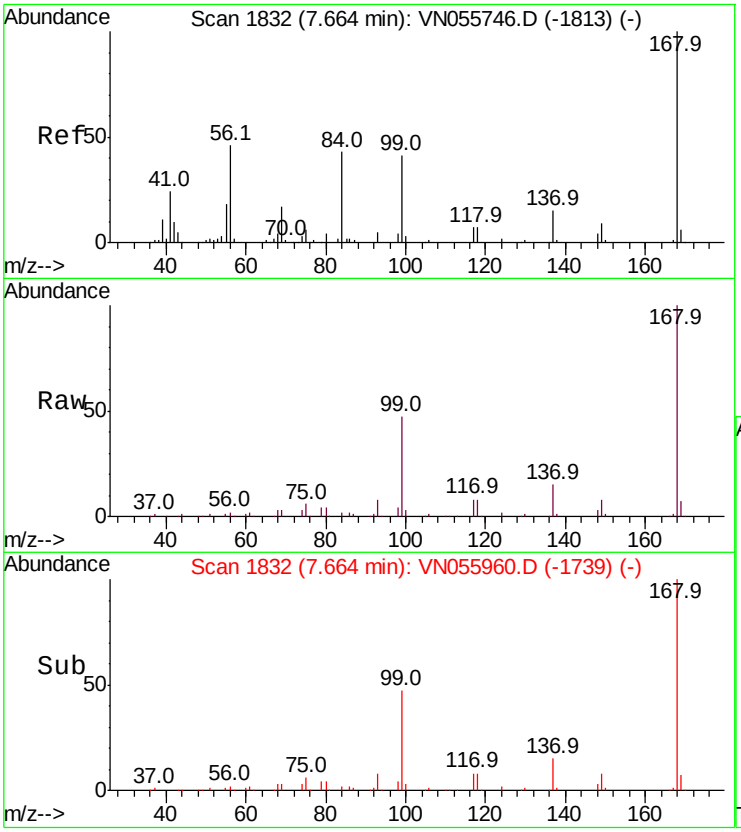
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
Data File : VN055960.D
Acq On : 3 Jun 2019 14:40
Operator : JC/SP
Sample : K3125-16 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 03 16:23:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration



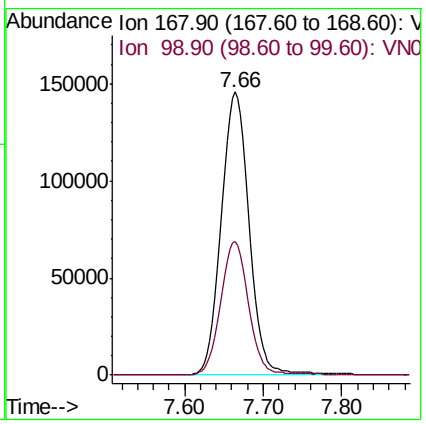


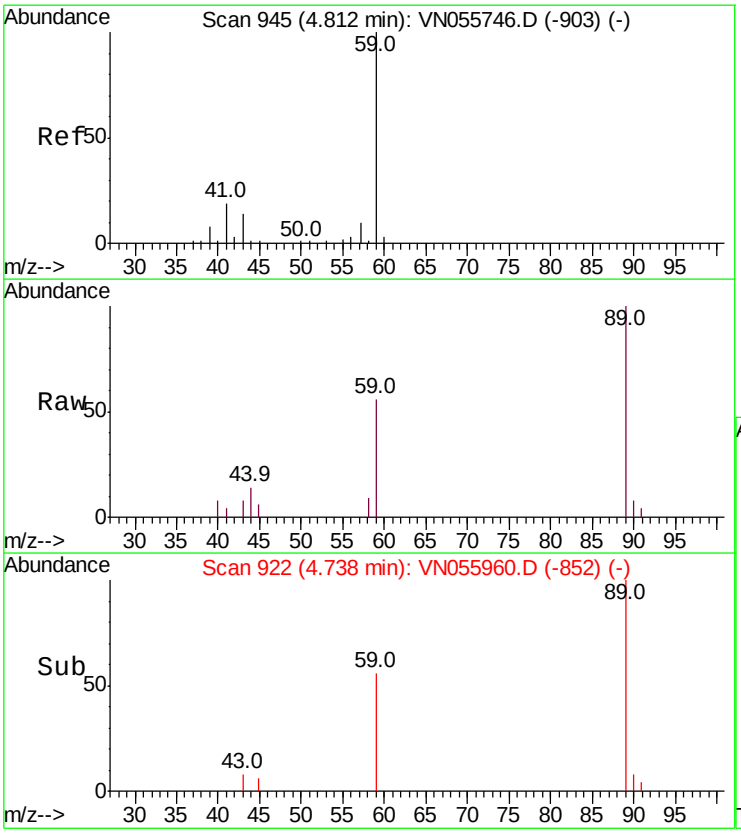
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 357257

Ion	Ratio	Lower	Upper
168	100		
99	47.4	37.2	55.8

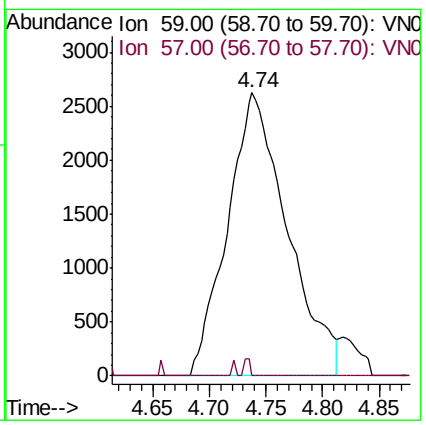


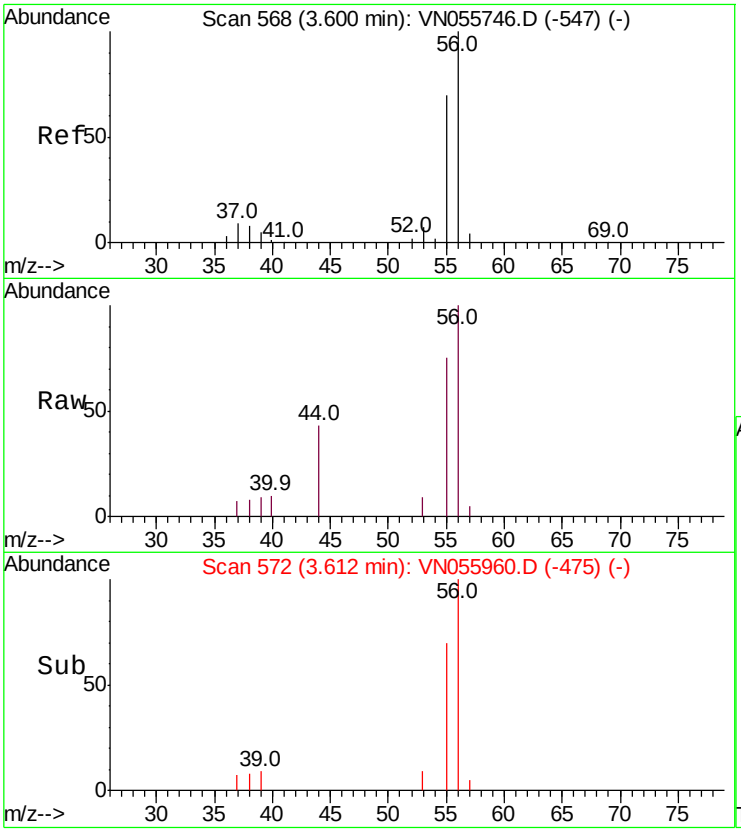


#11
Tert butyl alcohol
Concen: 13.675 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.07 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 59 Resp: 9640

Ion	Ratio	Lower	Upper
59	100		
57	0.6	7.8	11.6#



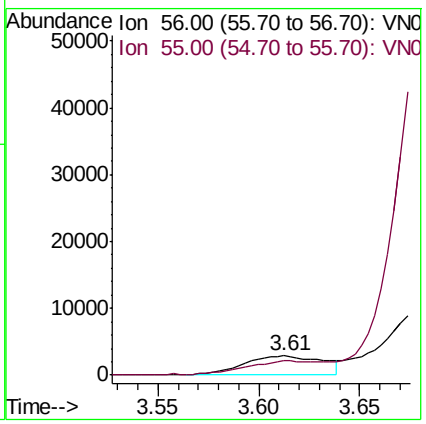


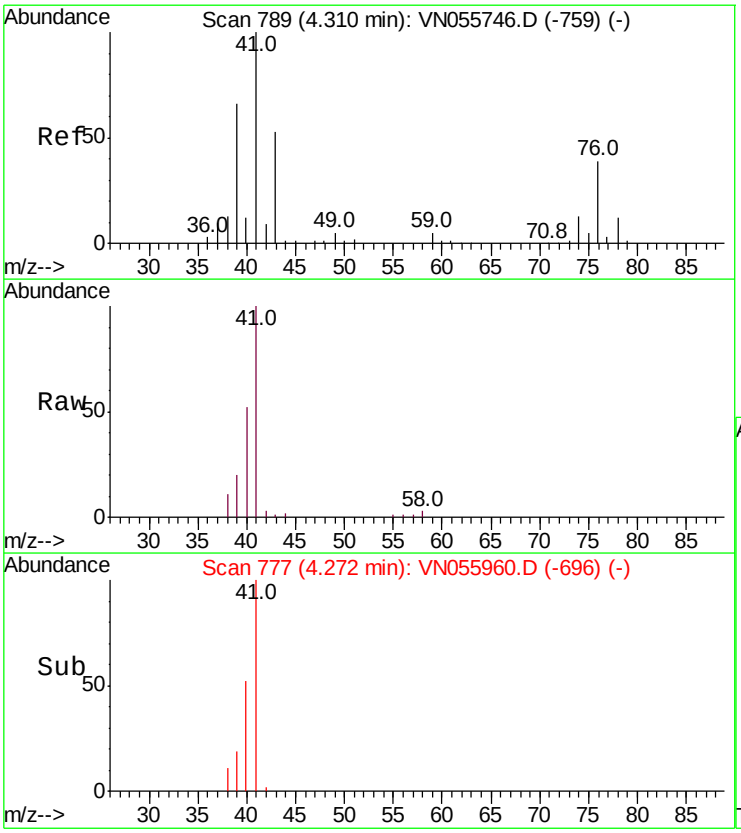
#13
Acrolein
Concen: 15.948 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 8050

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.2#

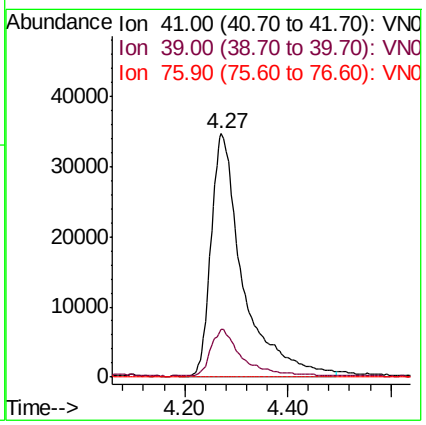


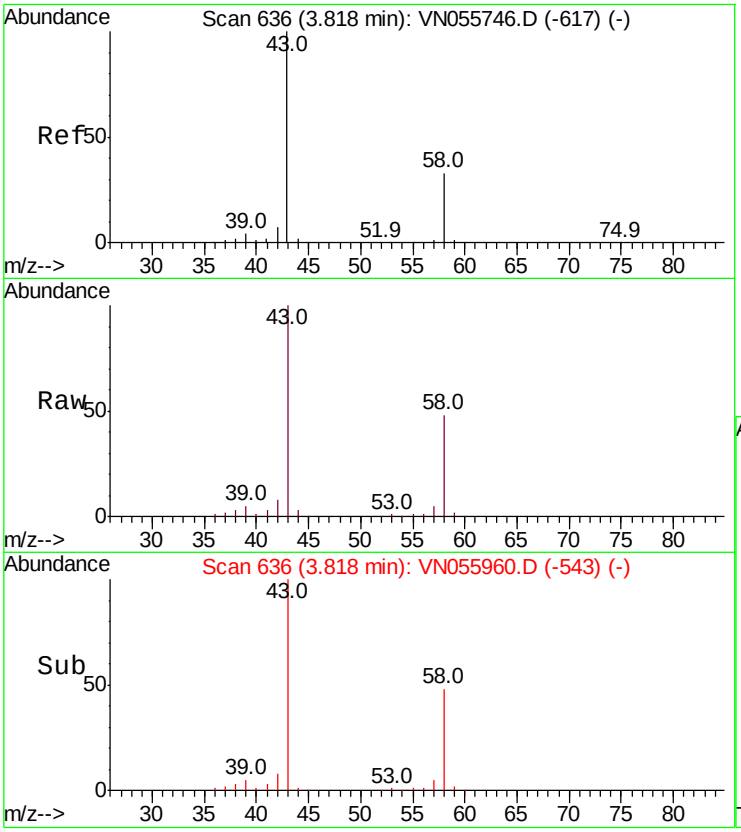


#14
Allyl chloride
Concen: 28.815 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.04 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 41 Resp: 150089

Ion	Ratio	Lower	Upper
41	100		
39	15.6	50.0	75.0#
76	0.0	28.2	42.2#



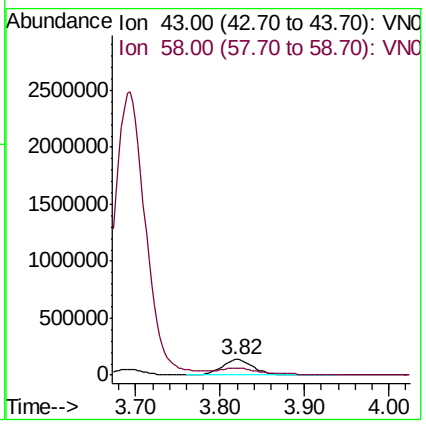


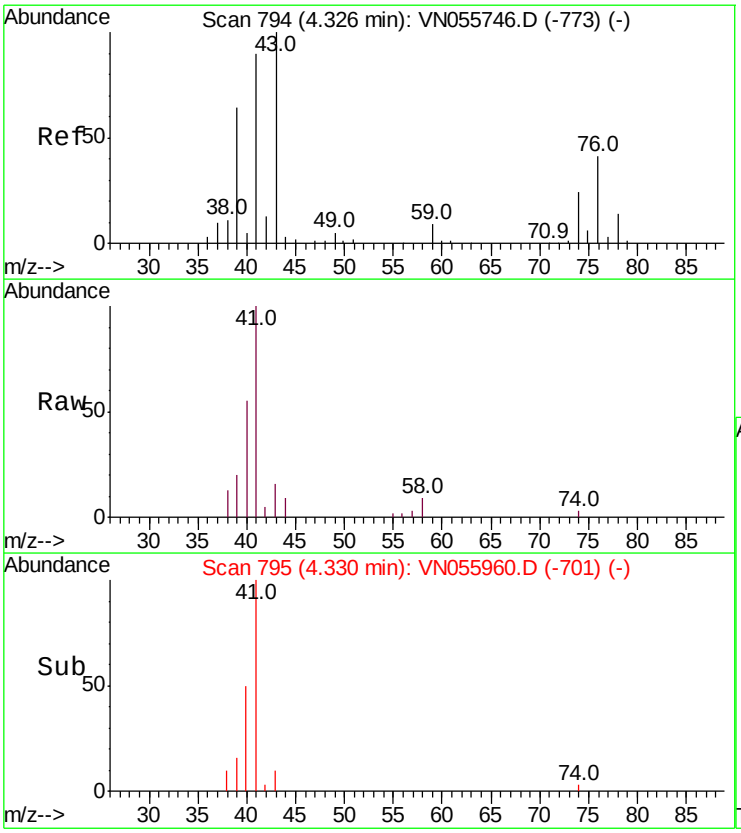
#16
Acetone
Concen: 220.260 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 357220

Ion	Ratio	Lower	Upper
43	100		
58	43.2	26.6	39.8#

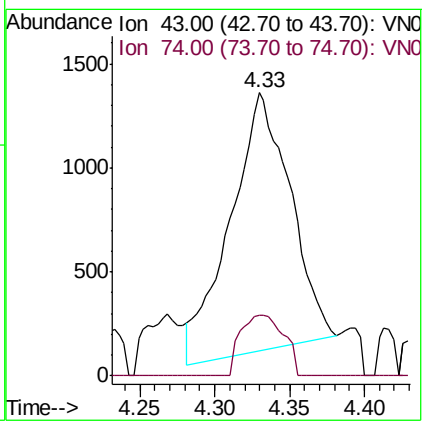


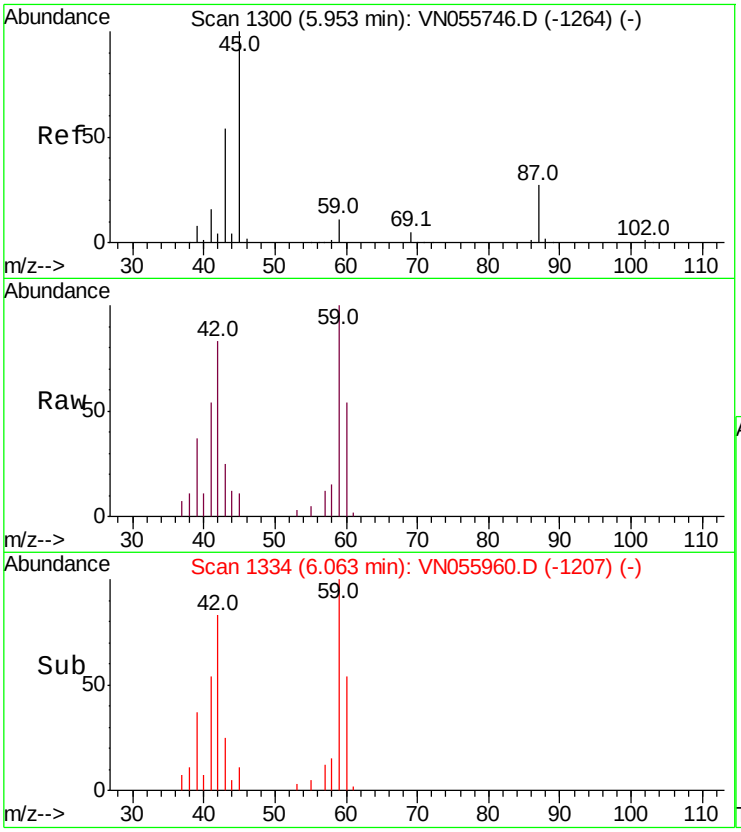


#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 43 Resp: 3470

Ion	Ratio	Lower	Upper
43	100		
74	16.9	19.3	28.9#



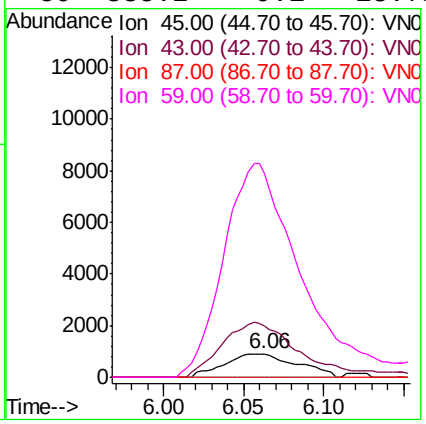


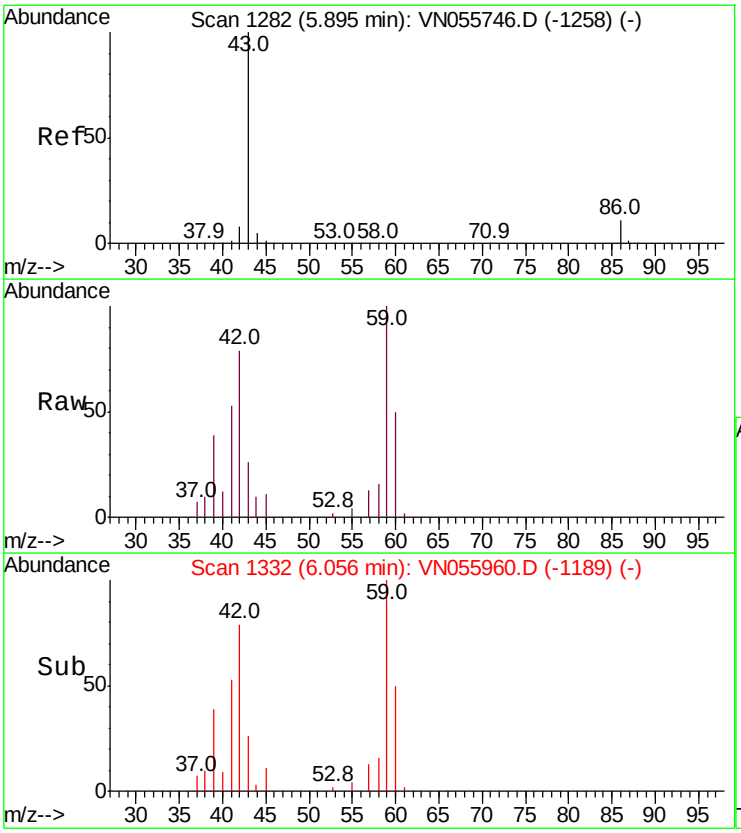
#22
Diisopropyl ether
Concen: 0.278 ug/l
RT: 6.06 min Scan# 1334
Delta R.T. 0.11 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 45 Resp: 2812

Ion	Ratio	Lower	Upper
45	100		
43	219.0	45.0	67.6#
87	0.0	22.2	33.4#
59	835.2	9.1	13.7#

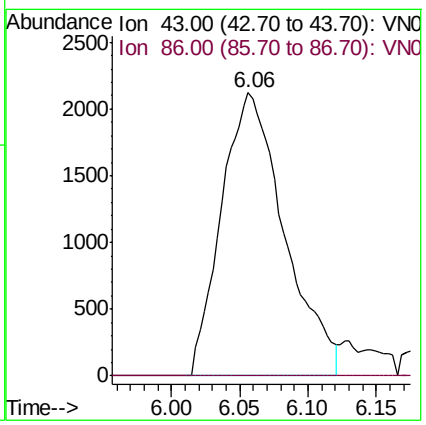


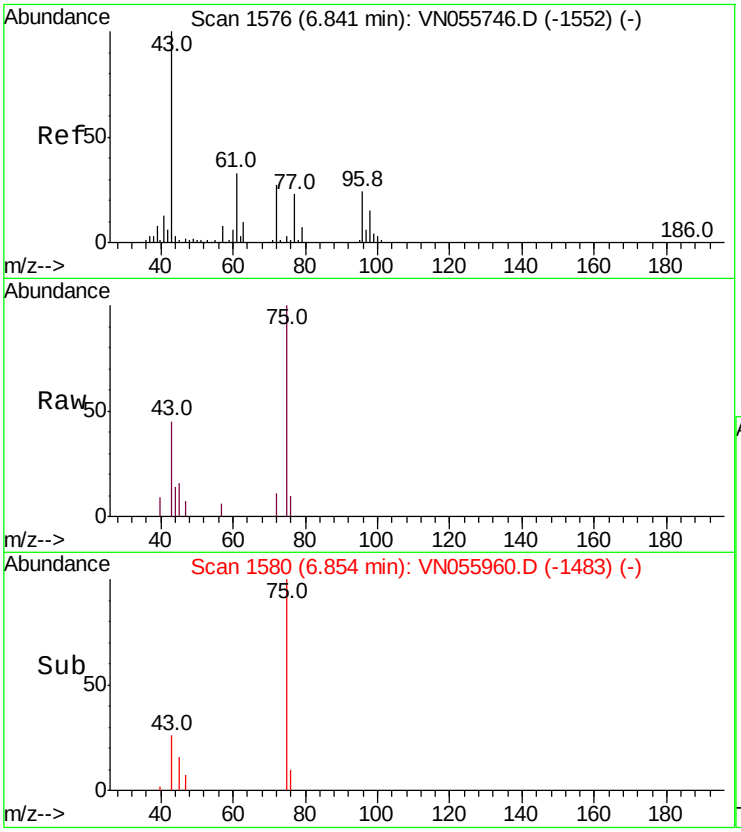


#23
Vinyl Acetate
Concen: 0.783 ug/l
RT: 6.06 min Scan# 1332
Delta R.T. 0.16 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 43 Resp: 6798

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#



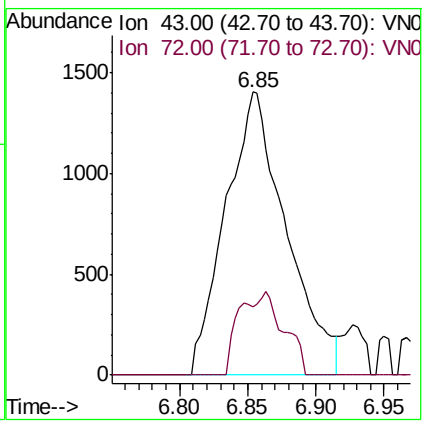


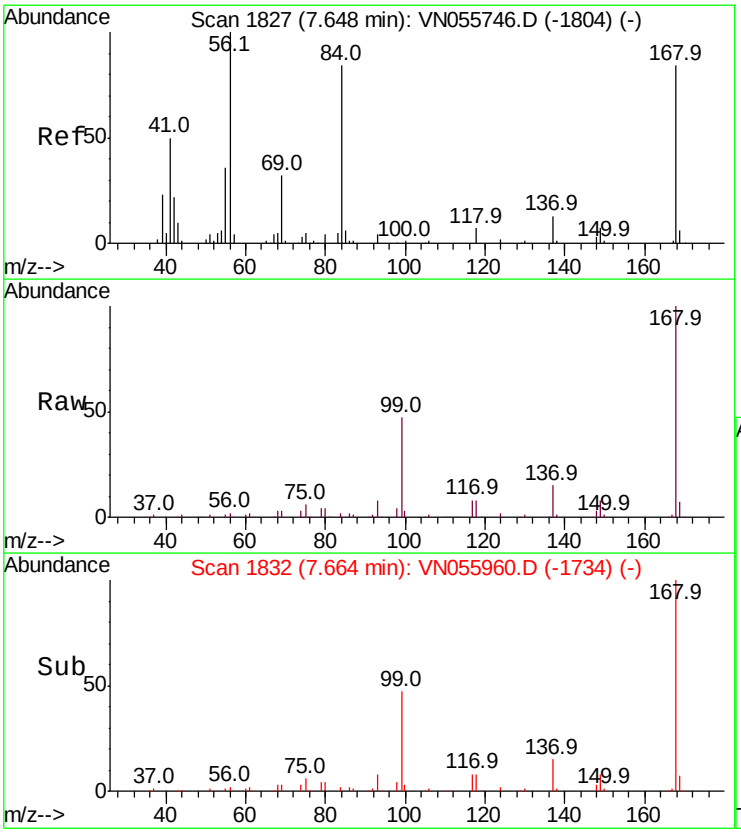
#25
2-Butanone
Concen: 1.912 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 4330

Ion	Ratio	Lower	Upper
43	100		
72	24.0	21.9	32.9

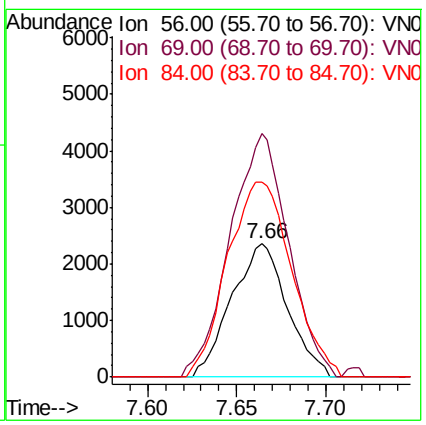


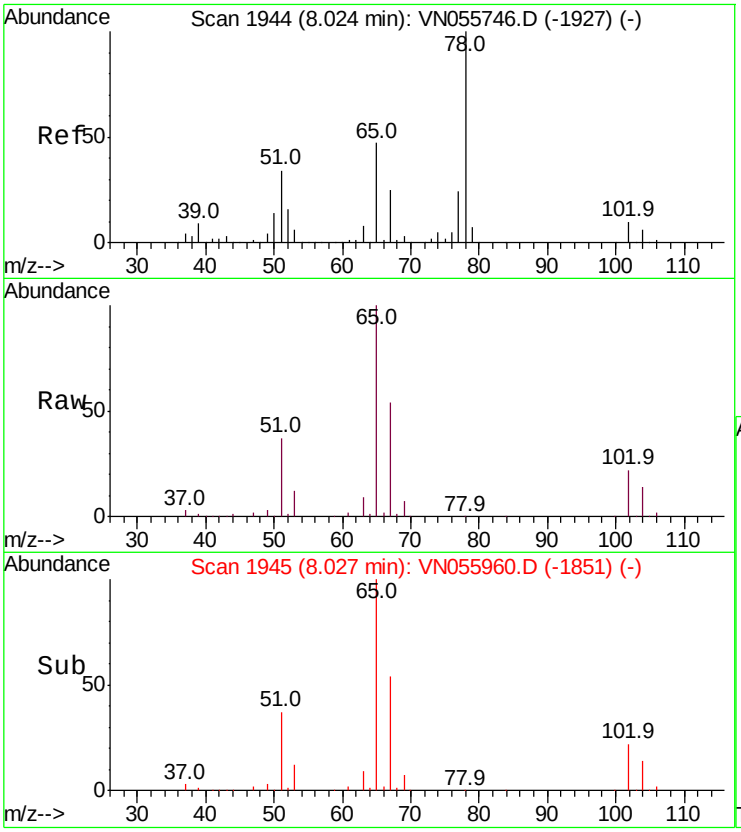


#31
Cyclohexane
Concen: 0.929 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 56 Resp: 5145

Ion	Ratio	Lower	Upper
56	100		
69	182.5	25.6	38.4#
84	146.6	67.4	101.0#



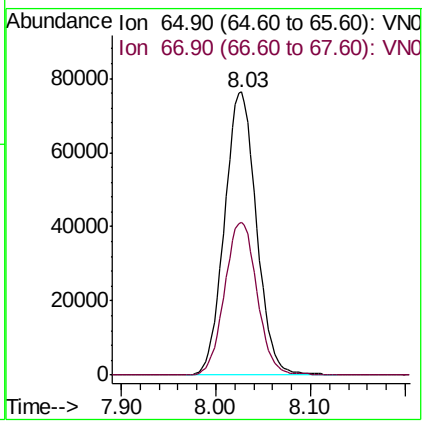


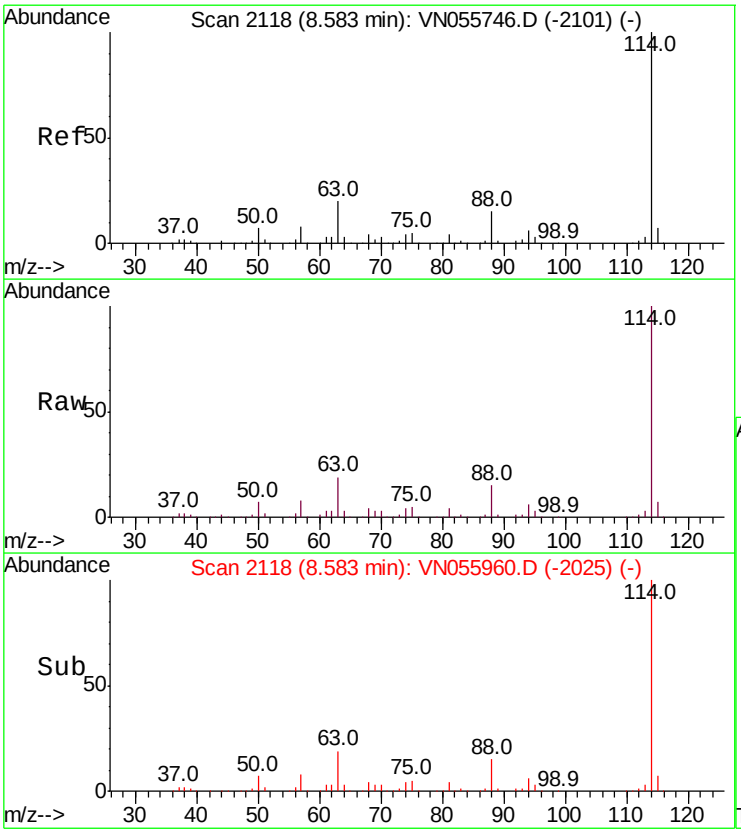
#33
1,2-Dichloroethane-d4
Concen: 48.529 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 179047

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.2

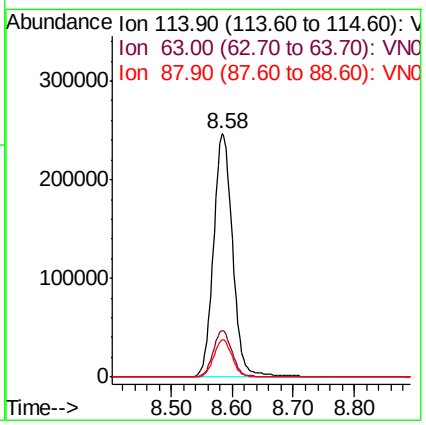


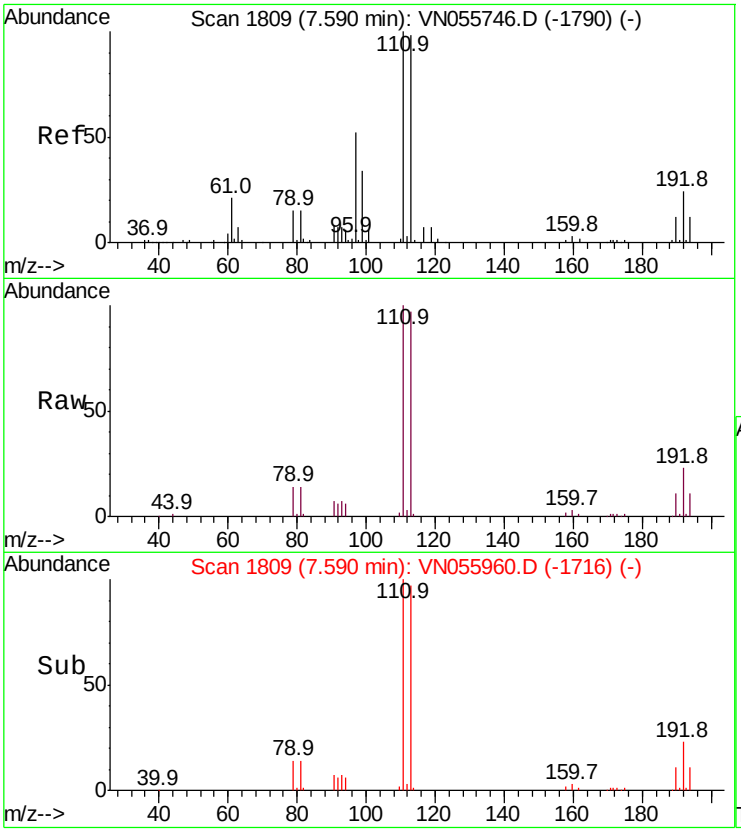


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion:114 Resp: 537323

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	39.2
88	15.2	0.0	31.0



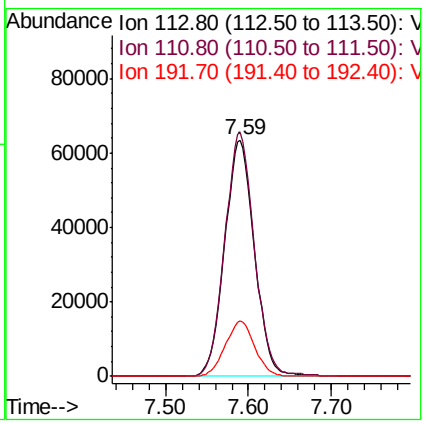


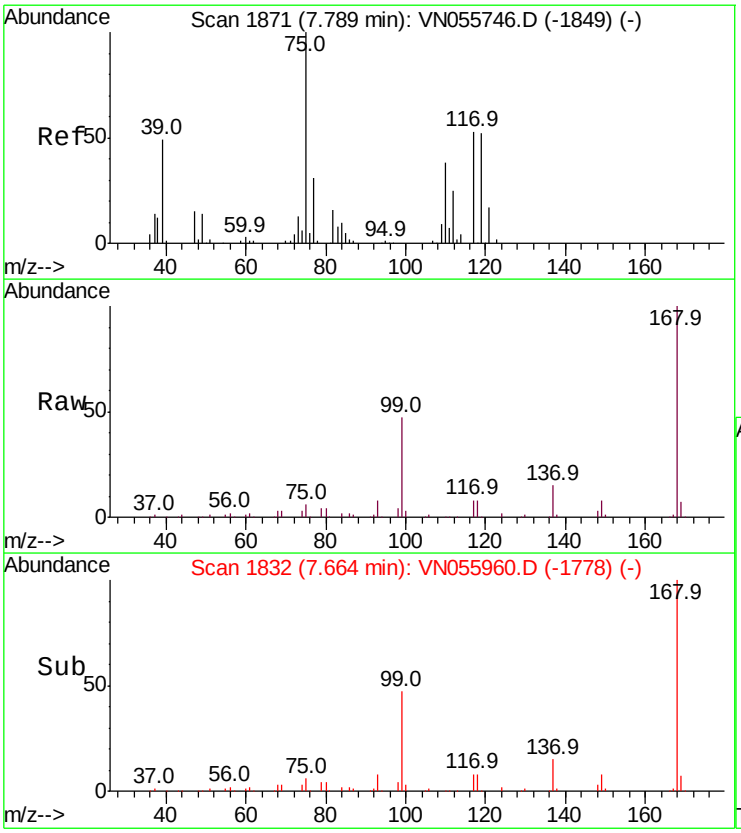
#35
Dibromofluoromethane
Concen: 46.702 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 158652

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	23.1	19.5	29.3

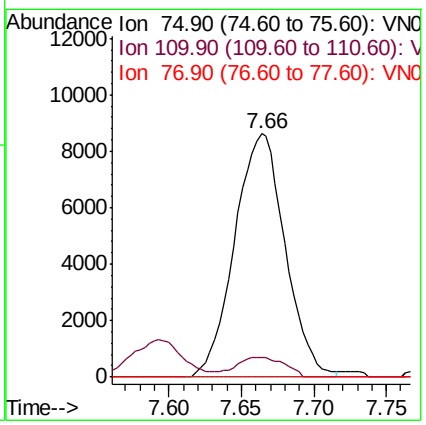


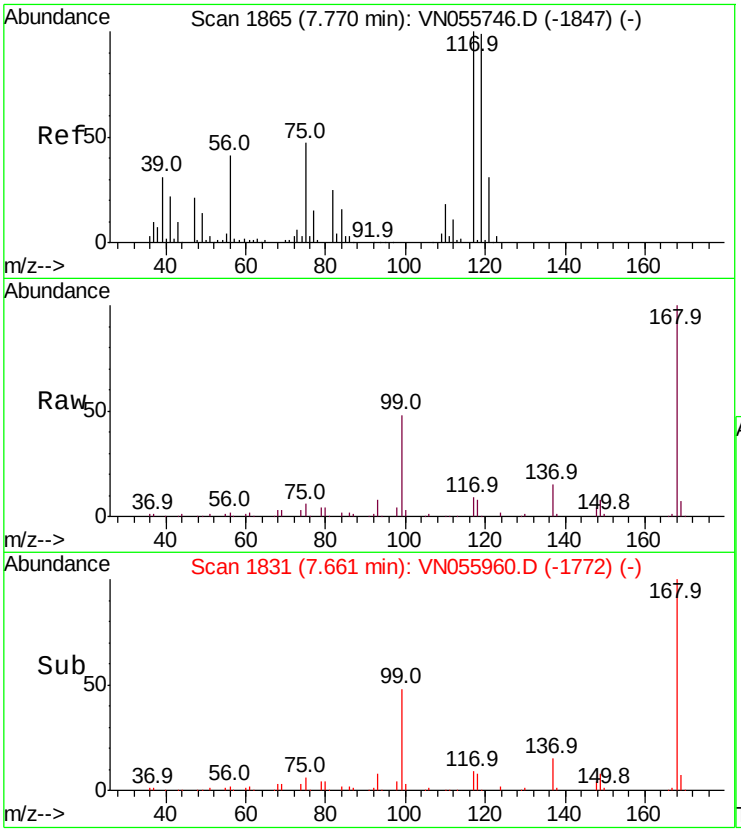


#36
1,1-Dichloropropene
Concen: 4.457 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 75 Resp: 20868

Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.0	57.0#
77	0.0	25.1	37.7#



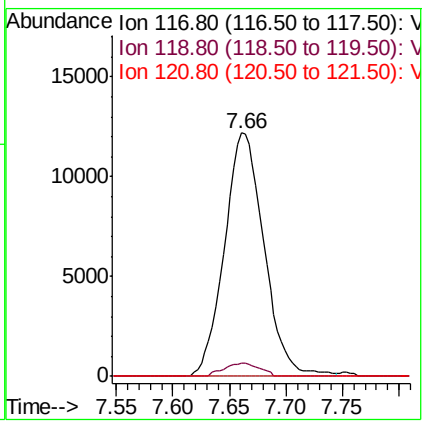


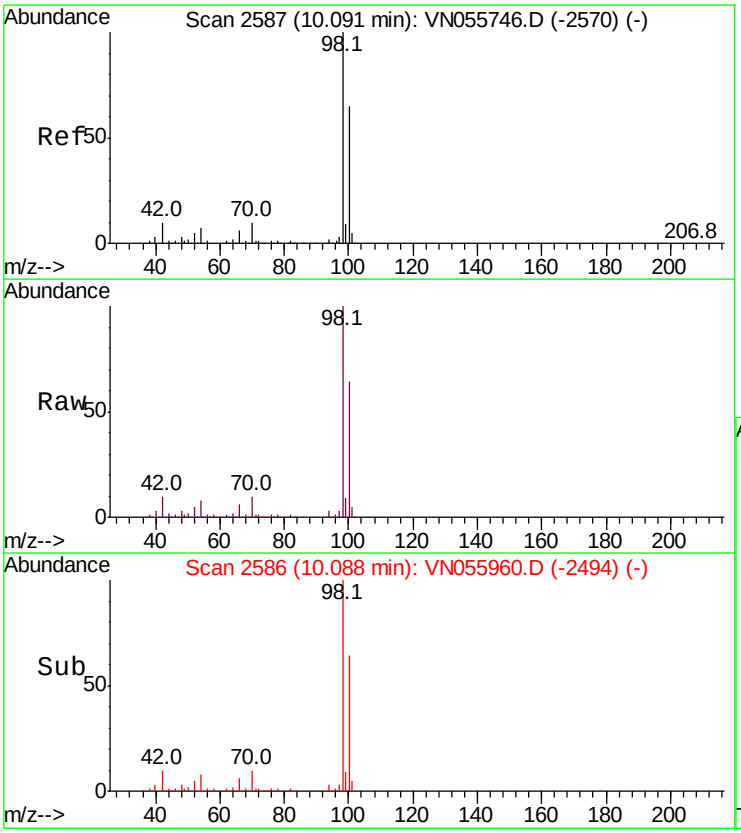
#38
Carbon Tetrachloride
Concen: 6.094 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 29722

Ion	Ratio	Lower	Upper
117	100		
119	5.7	79.0	118.6#
121	0.0	24.7	37.1#

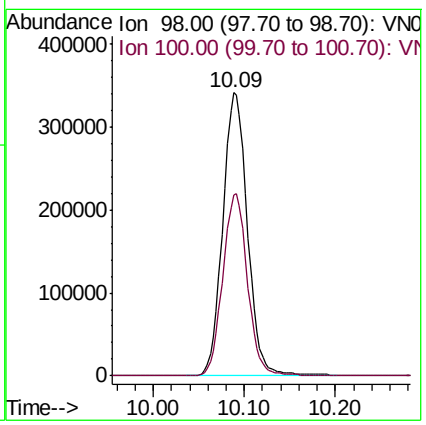


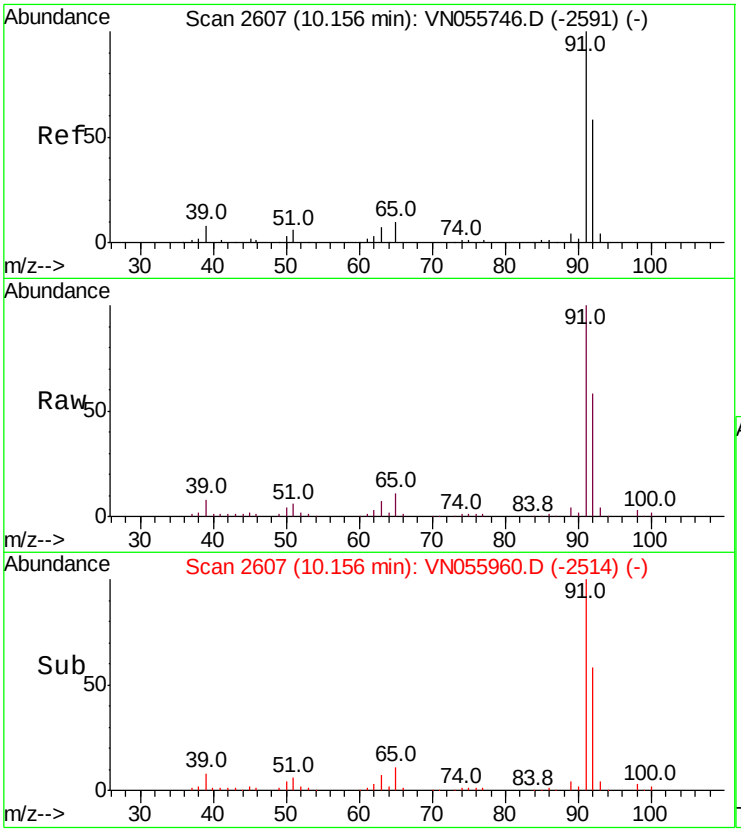


#50
Toluene-d8
Concen: 49.463 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 98 Resp: 644561

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9



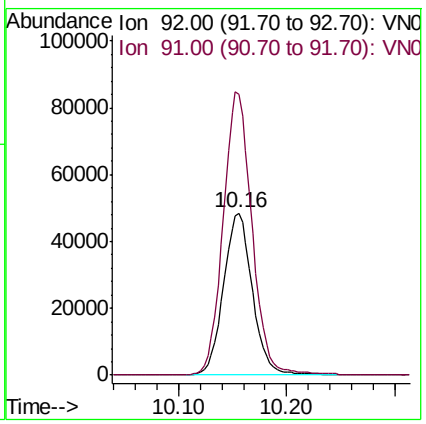


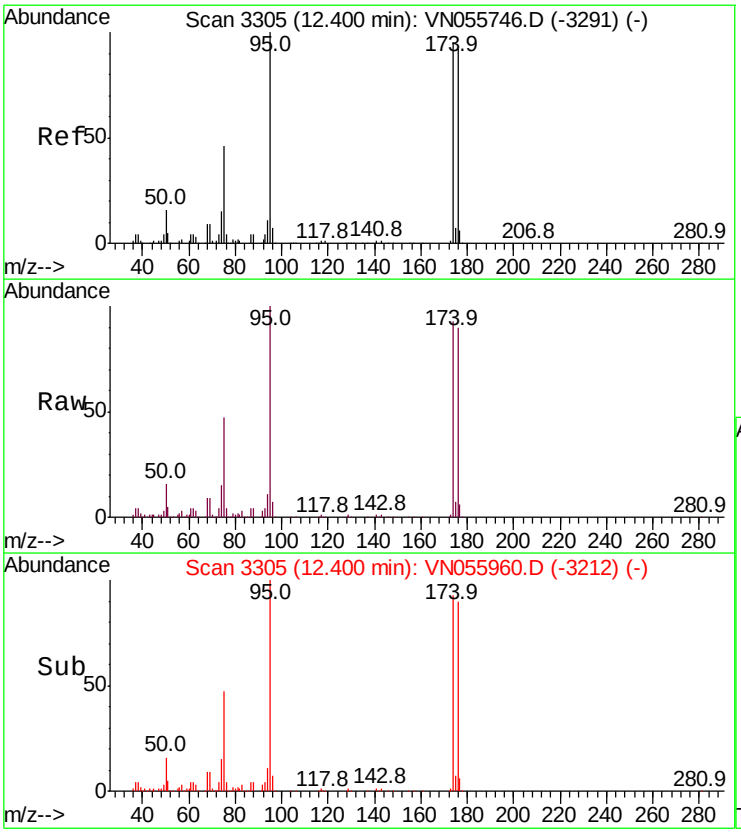
#52
Toluene
Concen: 10.191 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 92 Resp: 90455

Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.4	209.2

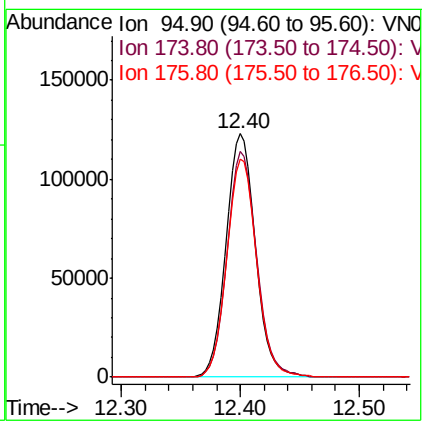


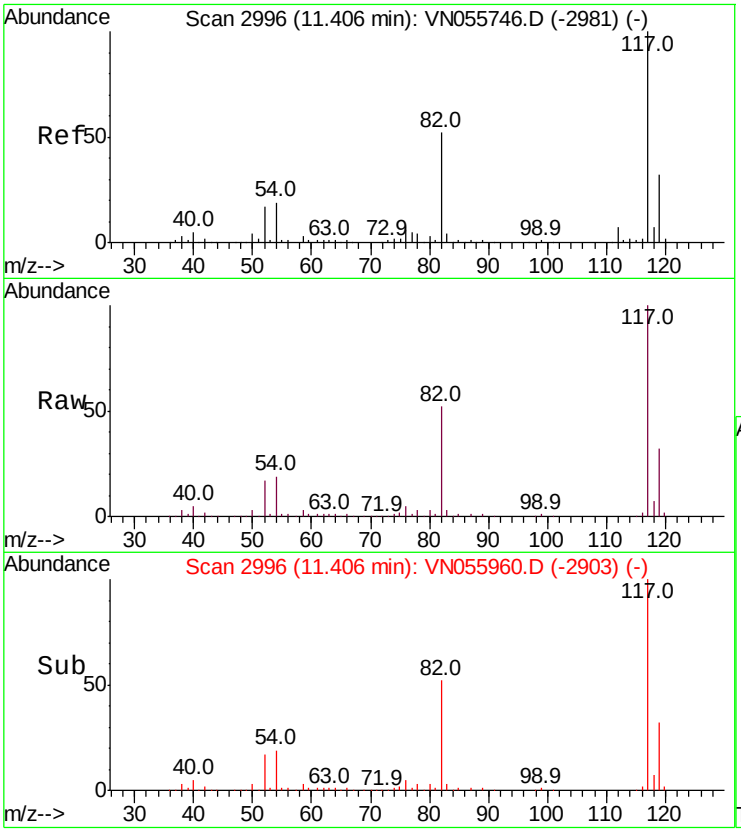


#62
4-Bromofluorobenzene
Concen: 47.206 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 95 Resp: 210927

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	191.0
176	90.7	0.0	185.2



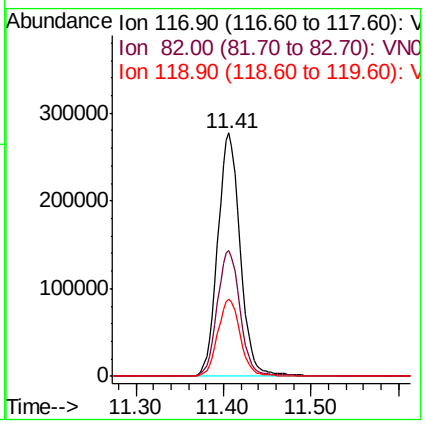


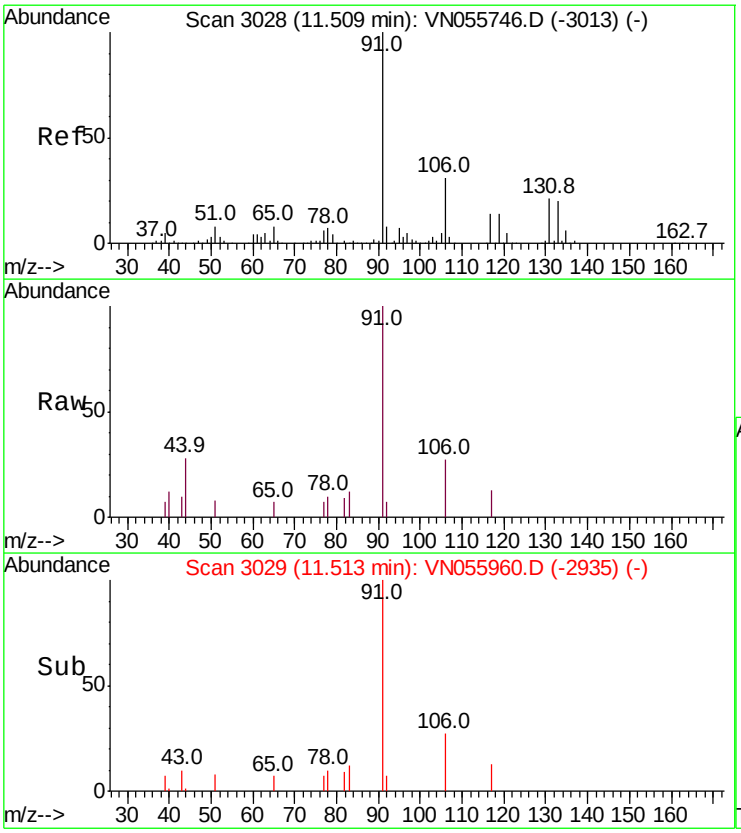
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 495545

Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.8
119	31.9	25.4	38.0

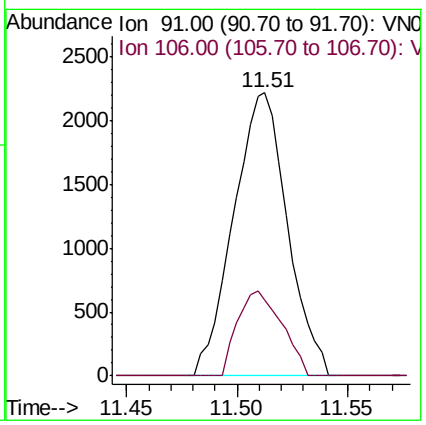


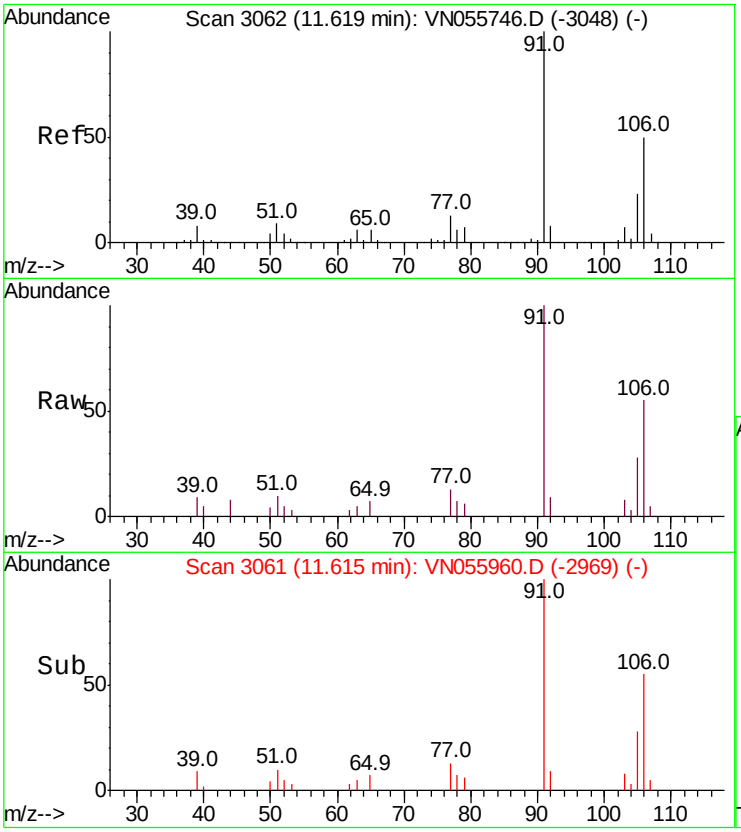


#67
Ethyl Benzene
Concen: 0.212 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 91 Resp: 3763

Ion	Ratio	Lower	Upper
91	100		
106	27.0	25.1	37.7



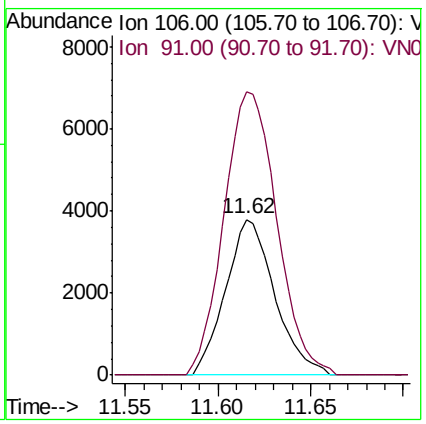


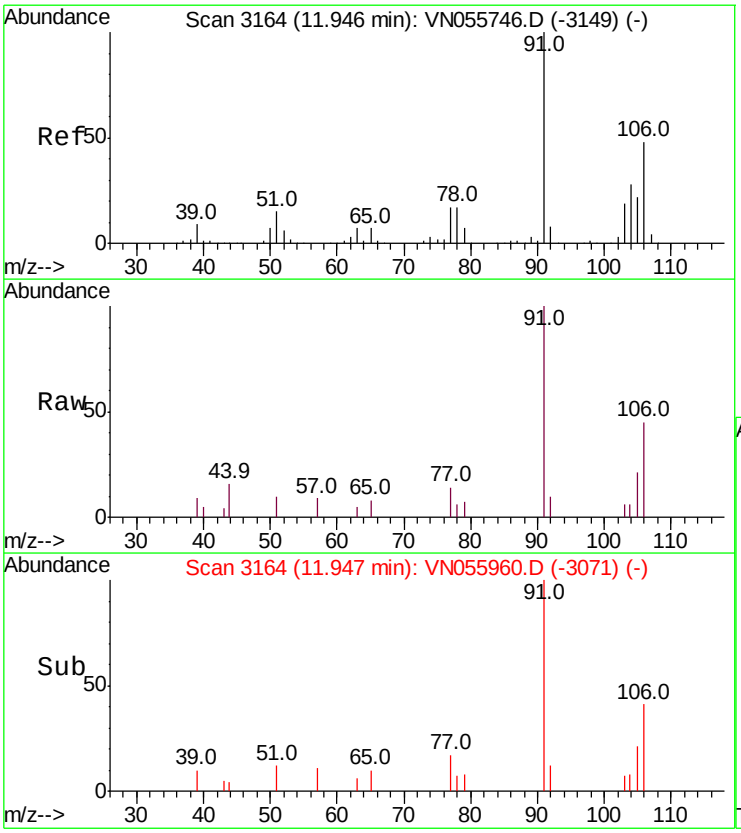
#68
m/p-Xylenes
Concen: 1.040 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 6992

Ion	Ratio	Lower	Upper
106	100		
91	195.6	159.3	238.9

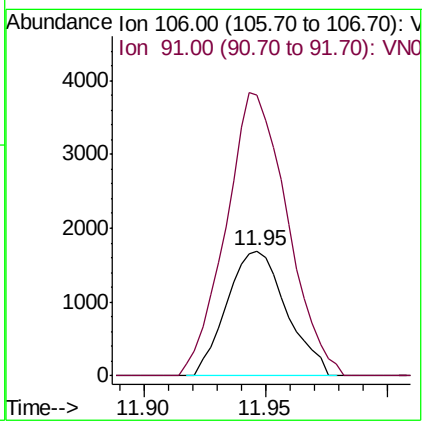


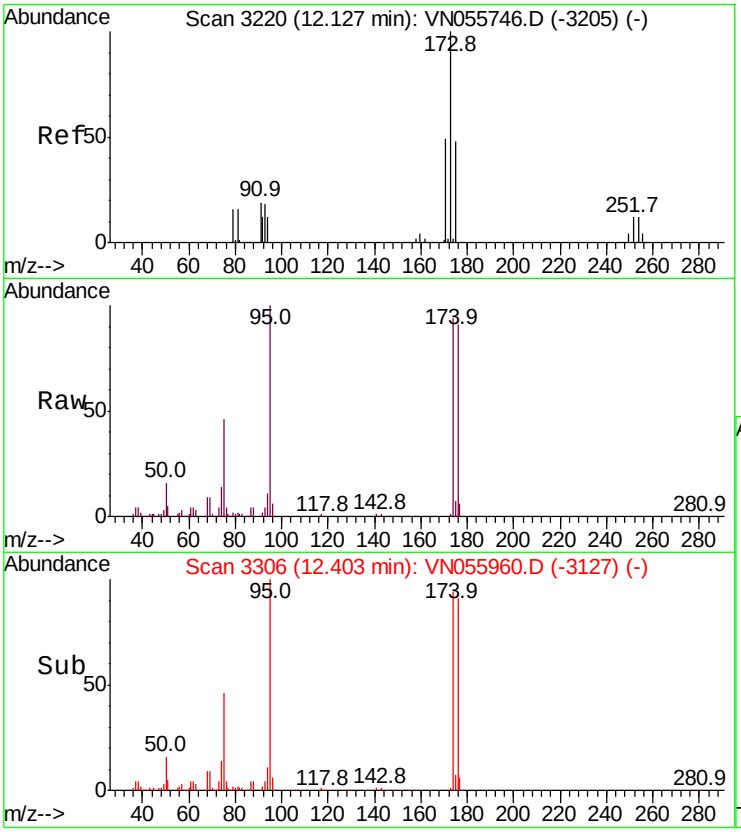


#69
o-Xylene
Concen: 0.430 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion:106 Resp: 2870

Ion	Ratio	Lower	Upper
106	100		
91	233.7	104.7	314.1



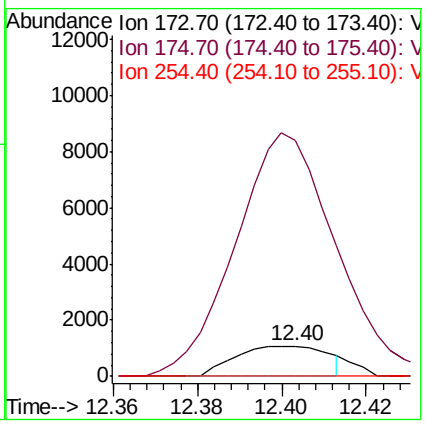


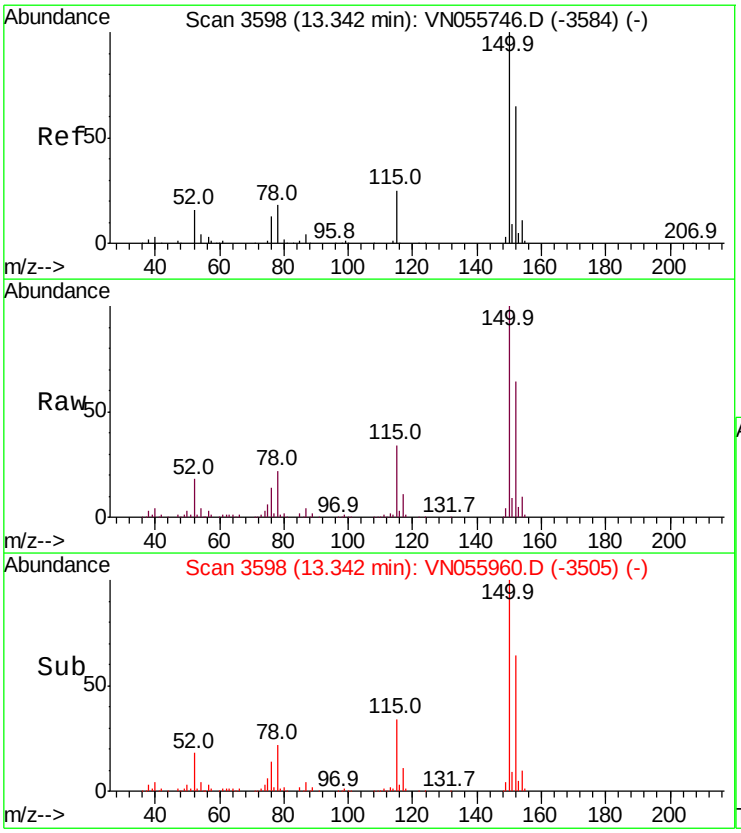
#71
Bromoform
Concen: 0.484 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 1632

Ion	Ratio	Lower	Upper
173	100		
175	767.6	24.3	72.8#
254	0.0	0.0	0.0

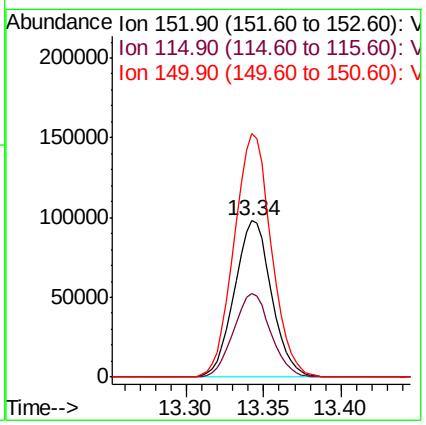


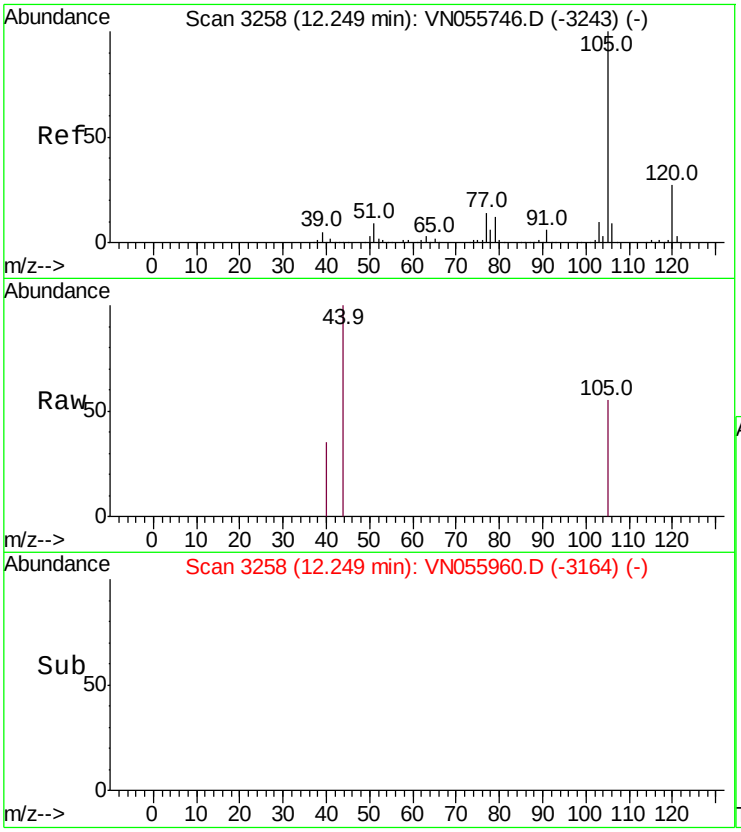


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion:152 Resp: 163237

Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.0	81.0
150	156.7	0.0	343.2



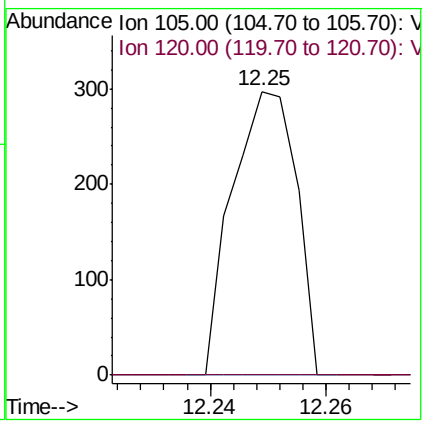


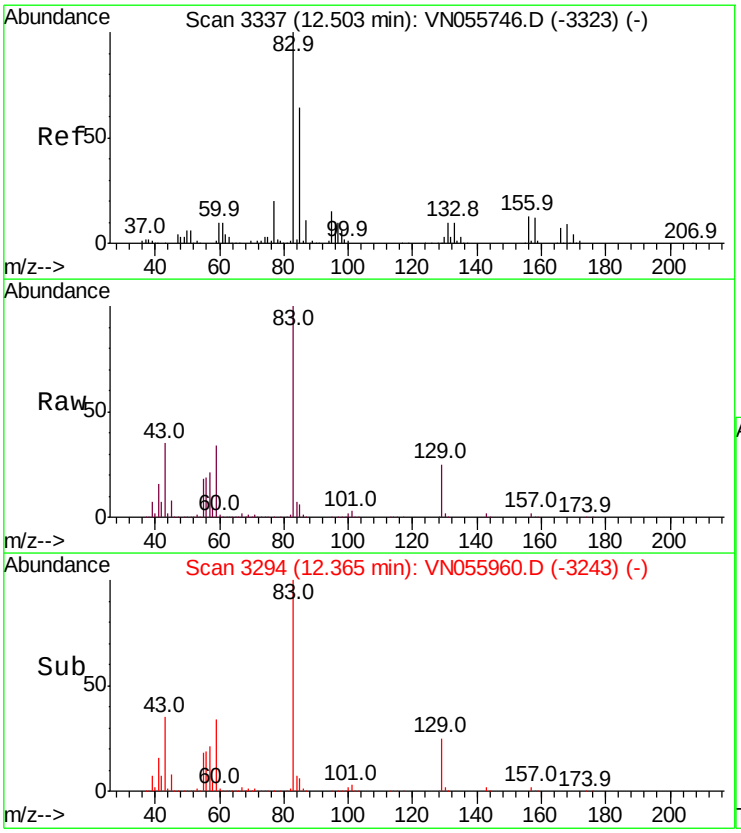
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 227

Ion	Ratio	Lower	Upper
105	100		
120	0.0	13.6	40.7#

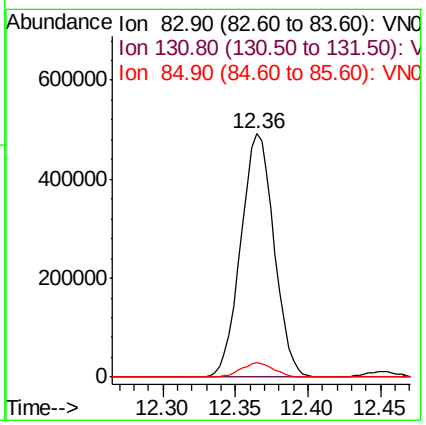


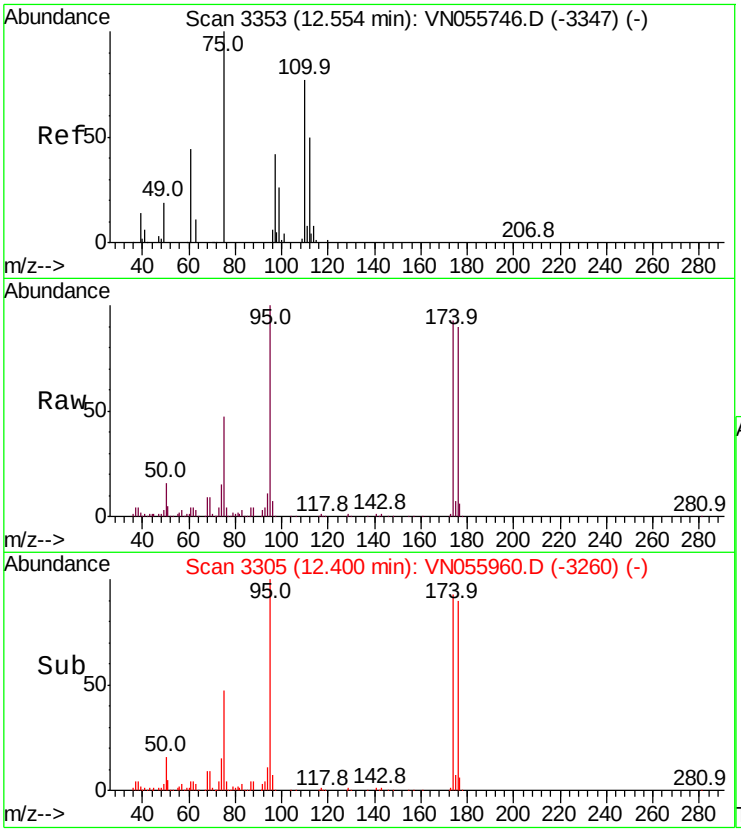


#75
1,1,2,2-Tetrachloroethane
Concen: 241.462 ug/l
RT: 12.36 min Scan# 3294
Delta R.T. -0.14 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 83 Resp: 786784

Ion	Ratio	Lower	Upper
83	100		
131	0.2	5.4	16.2#
85	5.8	32.4	97.0#



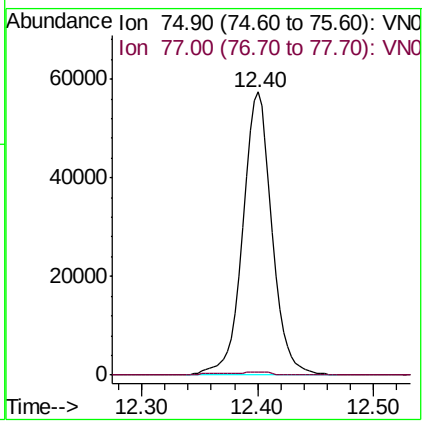


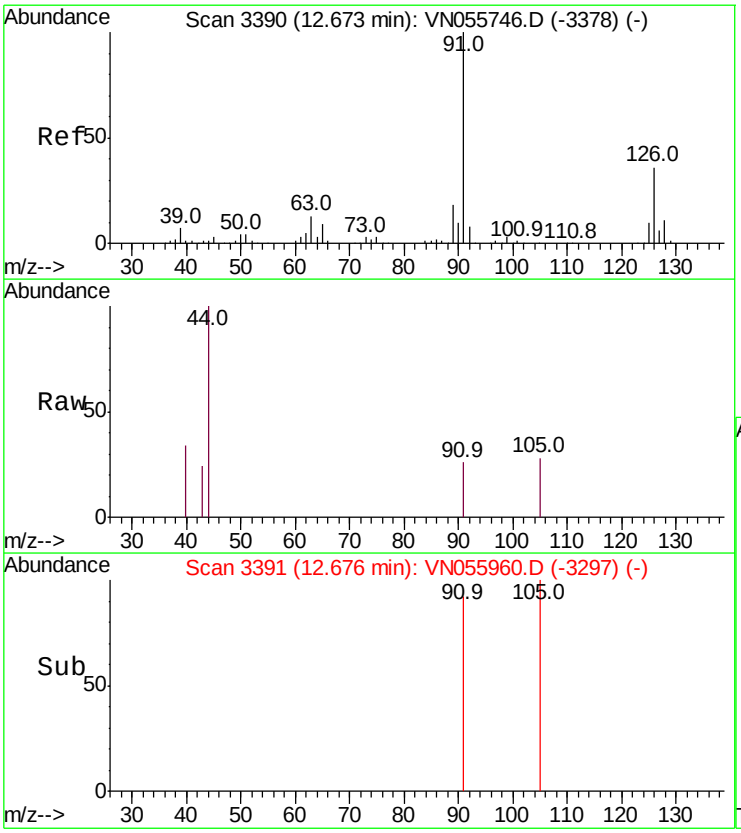
#76
1,2,3-Trichloropropane
Concen: 34.877 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 100708

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

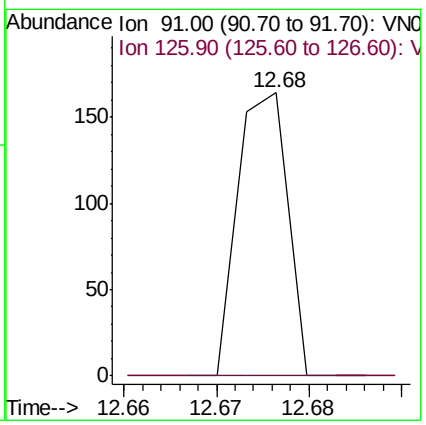


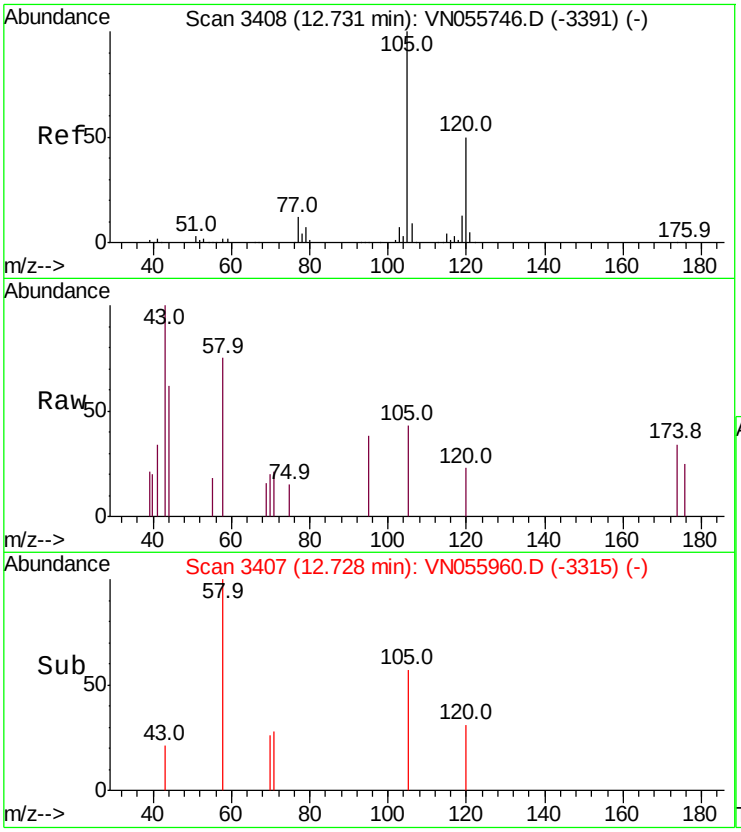


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 91 Resp: 61

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



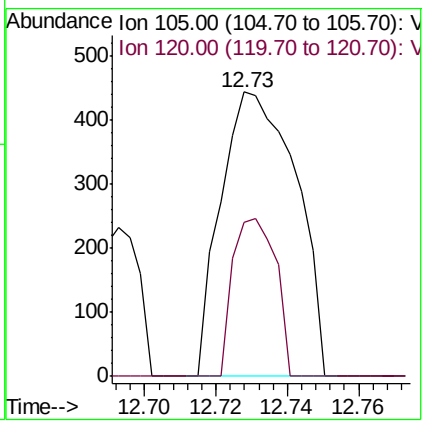


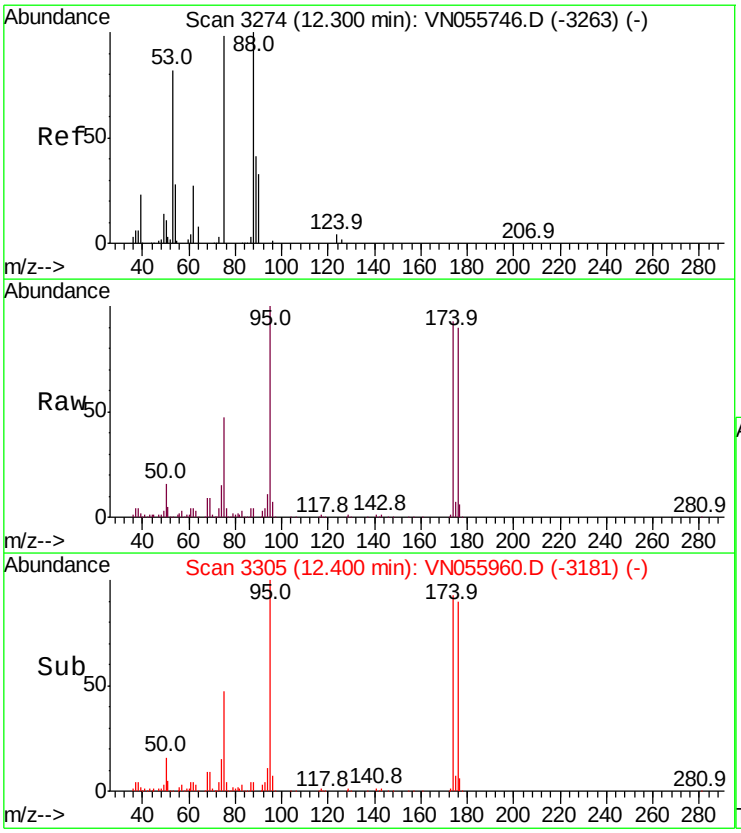
#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3407
Delta R.T. -0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 642

Ion	Ratio	Lower	Upper
105	100		
120	31.6	24.7	74.1

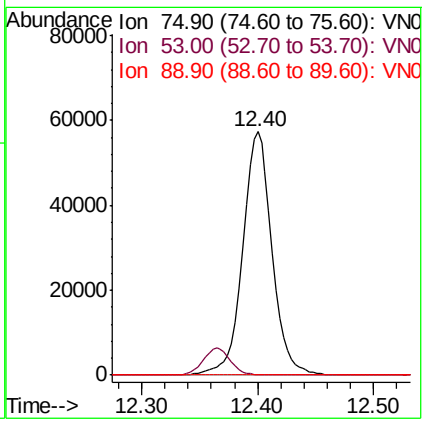


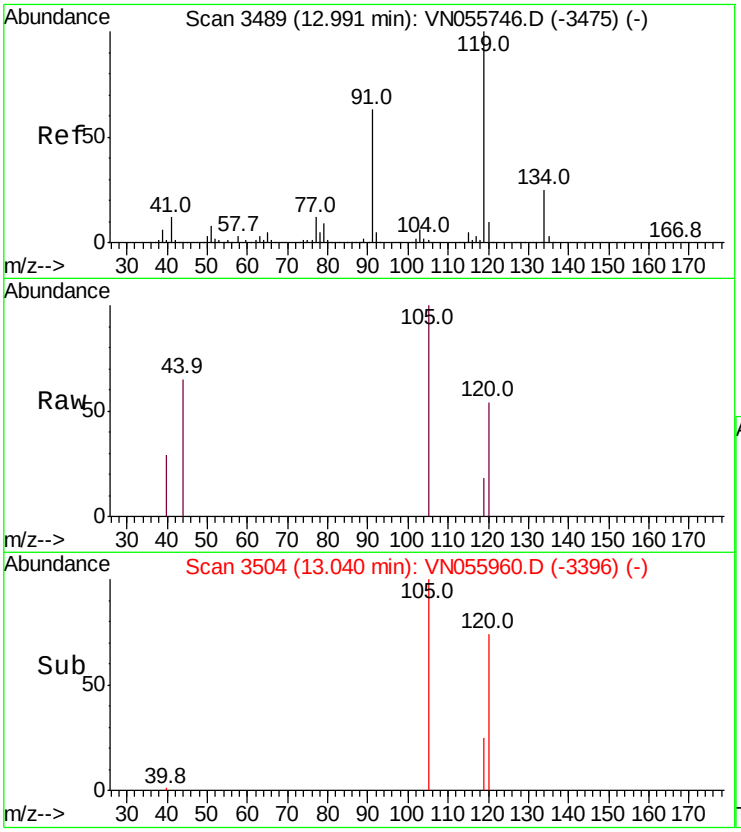


#81
trans-1,4-Dichloro-2-butene
Concen: 83.009 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion: 75 Resp: 100708

Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.1	102.1#
89	0.0	36.9	55.3#



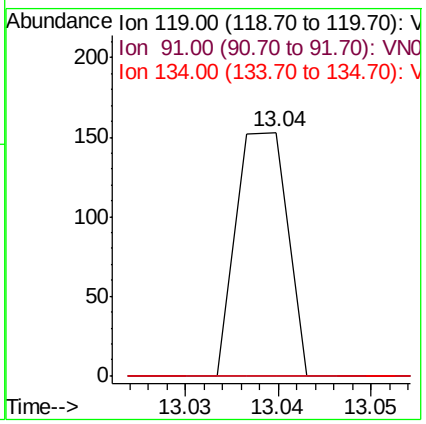


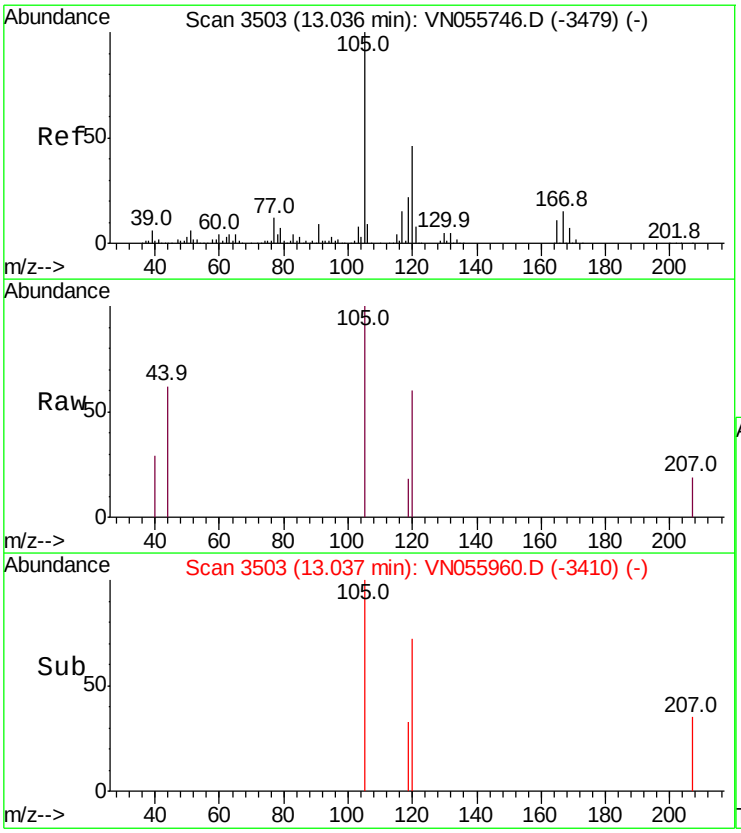
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 59

Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.9	92.8#
134	0.0	13.3	39.8#

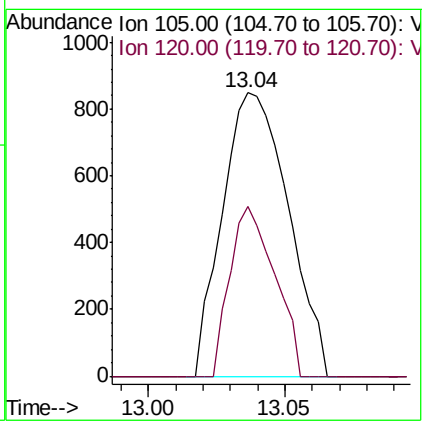


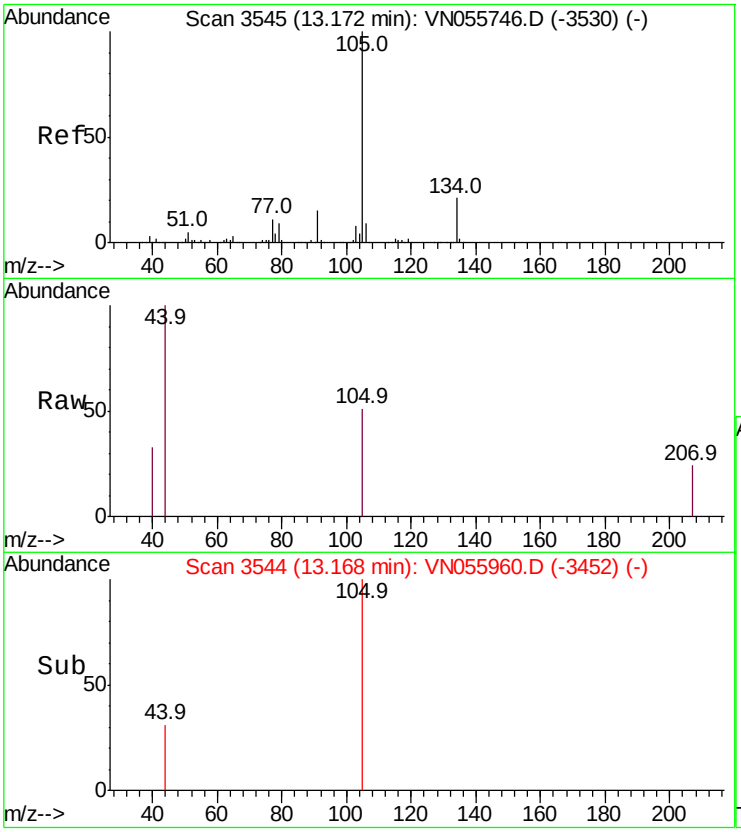


#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion:105 Resp: 1422

Ion	Ratio	Lower	Upper
105	100		
120	40.9	23.0	69.0



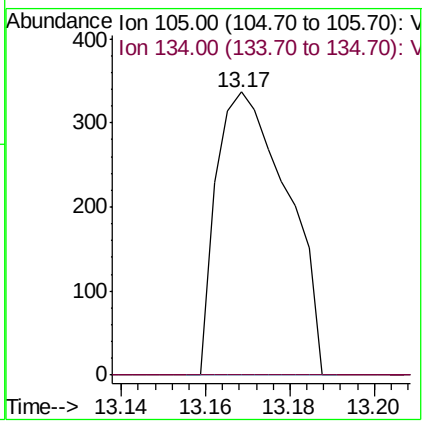


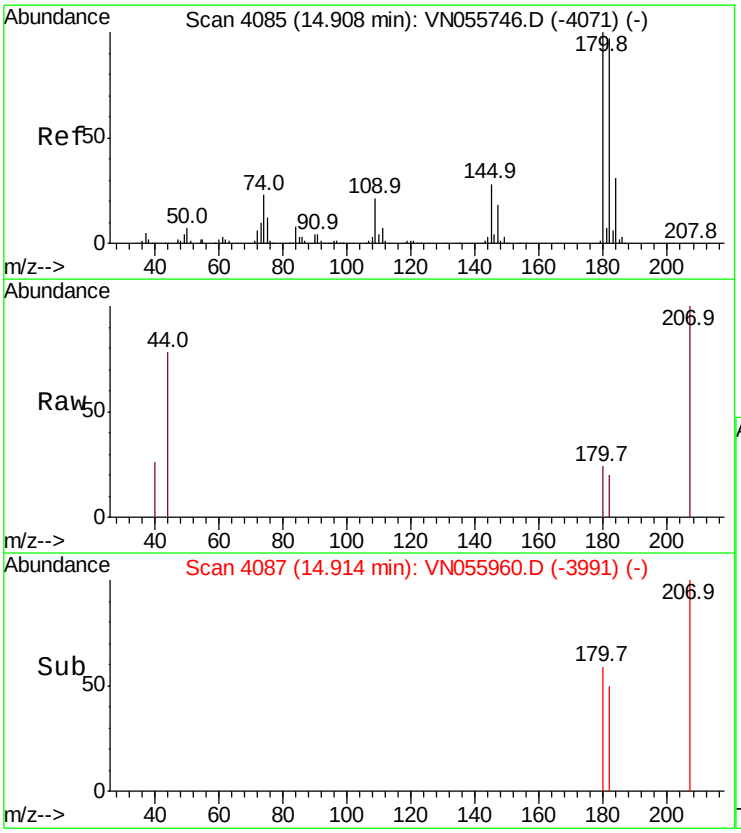
#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3544
Delta R.T. -0.00 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 395

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.2#

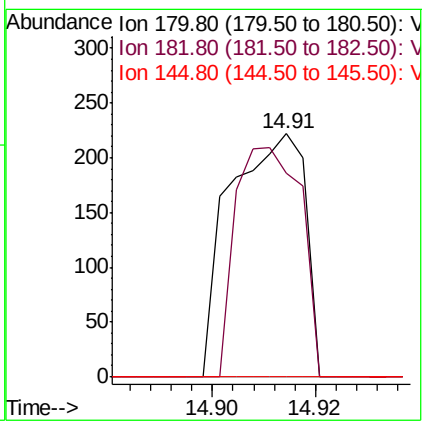


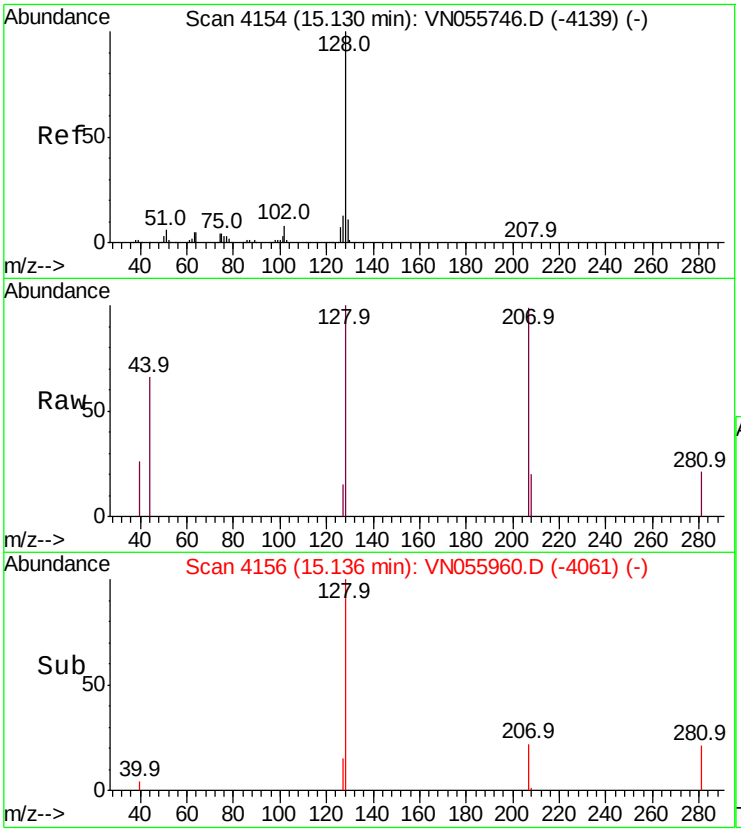


#93
1,2,4-Trichlorobenzene
Concen: 3.702 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Tgt Ion:180 Resp: 224

Ion	Ratio	Lower	Upper
180	100		
182	81.7	48.3	144.9
145	0.0	14.0	41.9#





#95
Naphthalene
Concen: 0.235 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN055960.D
Acq: 3 Jun 2019 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 1778

Ion	Ratio	Lower	Upper
128	100		
127	3.4	10.3	15.5#
129	0.0	8.7	13.1#