Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052319\
Data File : VN055765.D
Acq On : 23 May 2019 20:07
Operator : JC/SP
Sample : K2977-03 50X
Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(14-17)

Quant Time: May 24 06:51:29 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	489123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	666473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	605062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215117	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.18%			
35) Dibromofluoromethane	7.59	113	200533	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.18%			
50) Toluene-d8	10.09	98	793695	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.22%			
62) 4-Bromofluorobenzene	12.40	95	259169	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.52%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.74	59	5635	5.839	ug/l #	74
13) Acrolein	3.60	56	349	0.505	ug/l #	1
16) Acetone	3.83	43	811	0.365	ug/l #	41
18) Methyl Acetate	4.33	43	2617	Below Cal	#	87
25) 2-Butanone	6.86	43	669	0.216	ug/l #	47
31) Cyclohexane	7.66	56	7157	0.944	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	27720	4.773	ug/l #	48
38) Carbon Tetrachloride	7.67	117	39331	6.501	ug/l #	15
43) Isopropyl Acetate	8.28	43	4926	0.522	ug/l #	53
59) 2-Hexanone	10.76	43	1210	0.306	ug/l	82
73) Isopropylbenzene	12.25	105	1098	Below Cal		84
74) N-amyl acetate	12.04	43	685	Below Cal	#	43
75) 1,1,2,2-Tetrachloroethane	12.50	83	179	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	118796	29.329	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1262	Below Cal		85
80) 1,3,5-Trimethylbenzene	12.73	105	1170	Below Cal		89
81) trans-1,4-Dichloro-2-buten	12.40	75	118796	70.965	ug/l #	15
83) tert-Butylbenzene	12.99	119	1297	Below Cal		92
84) 1,2,4-Trimethylbenzene	13.04	105	5074	Below Cal		98
85) sec-Butylbenzene	13.17	105	2350	Below Cal		87
89) n-Butylbenzene	13.62	91	3215	0.268	ug/l #	72
90) Hexachloroethane	13.88	117	923	0.310	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1496	3.954	ug/l #	69
94) Hexachlorobutadiene	15.01	225	717	Below Cal		72
95) Naphthalene	15.13	128	5504	0.528	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	1927	0.480	ug/l	93

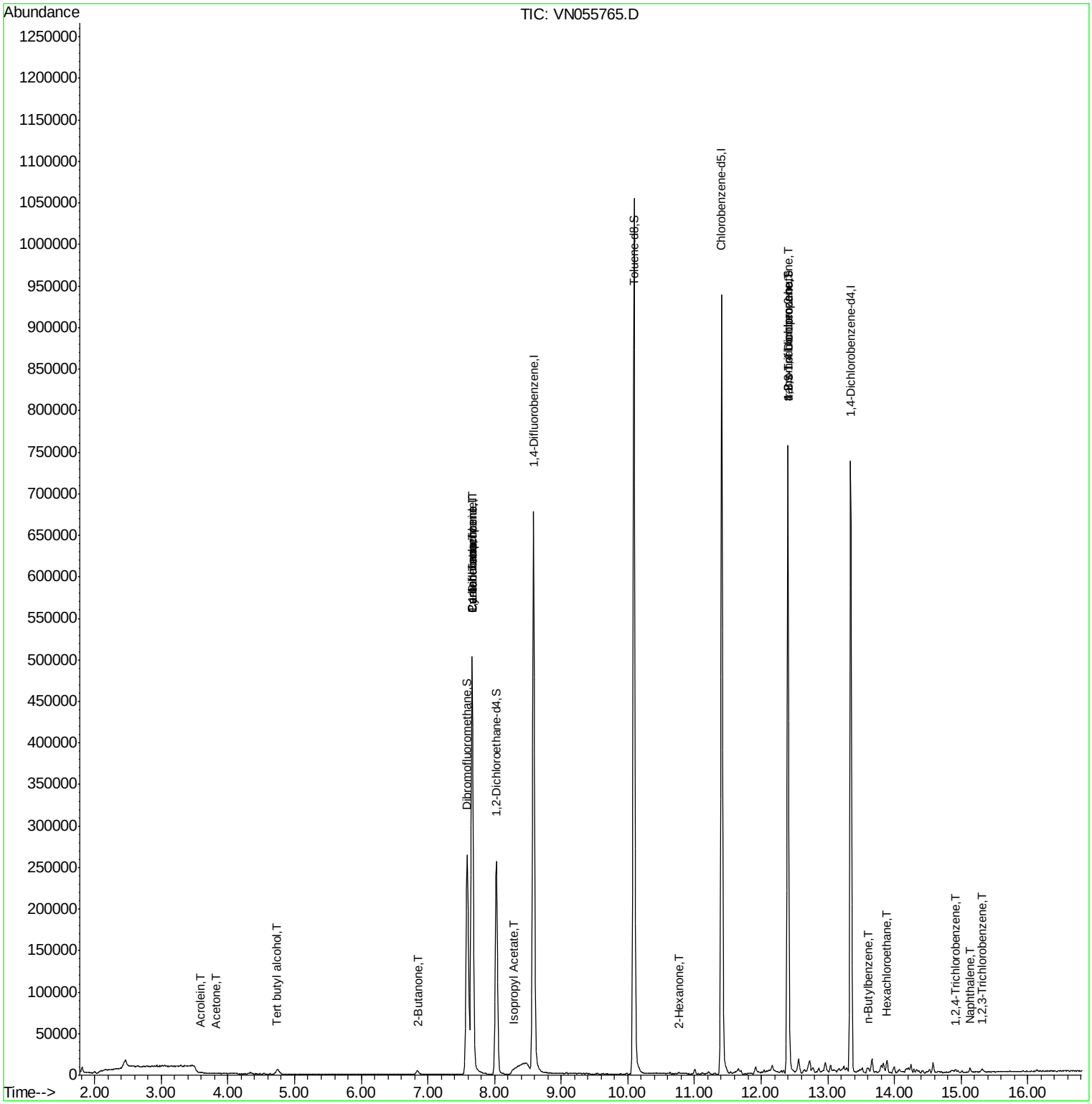
(#) = qualifier out of range (m) = manual integration (+) = signals summed

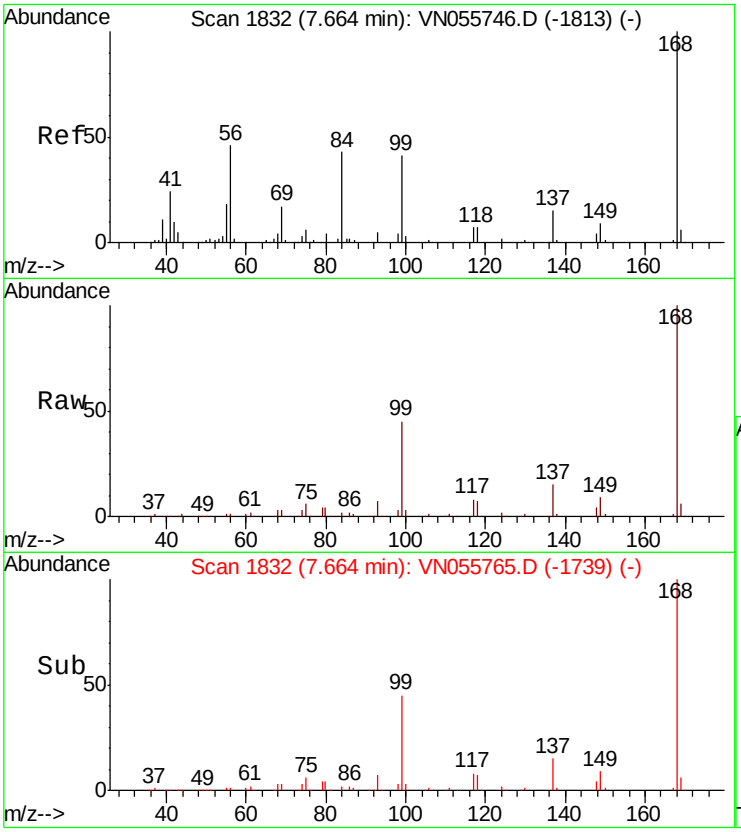
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052319\
Data File : VN055765.D
Acq On : 23 May 2019 20:07
Operator : JC/SP
Sample : K2977-03 50X
Misc : 5.88g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Quant Time: May 24 06:51:29 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



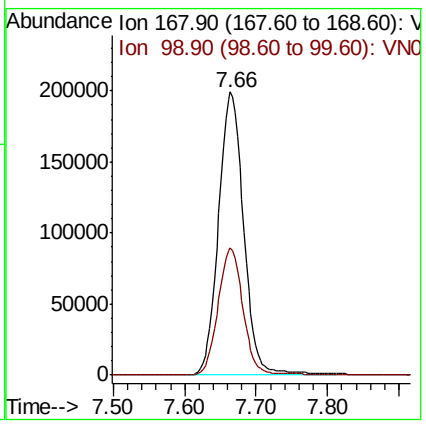


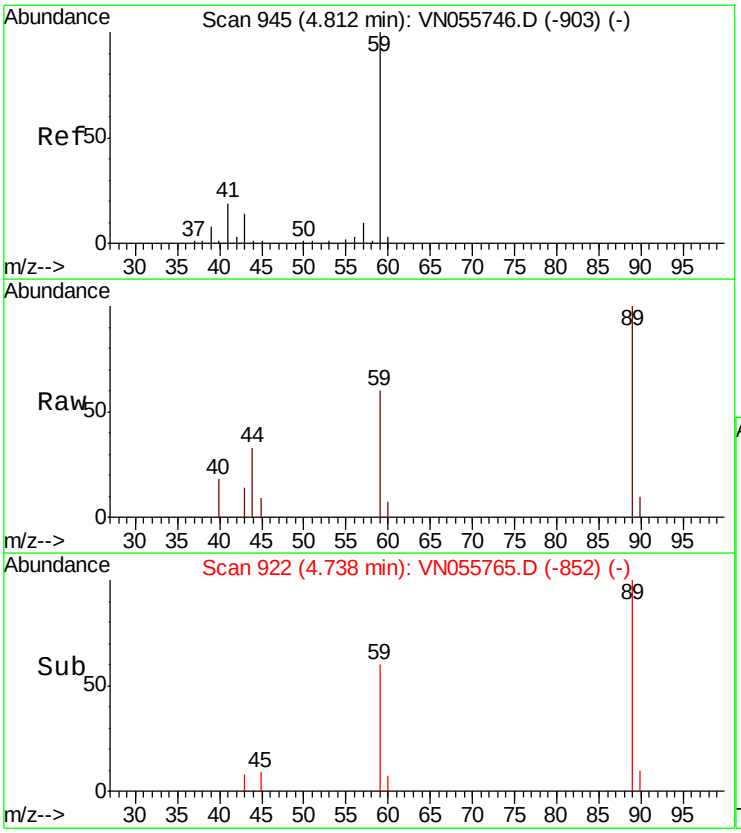
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion:168 Resp: 489123

Ion	Ratio	Lower	Upper
168	100		
99	45.0	37.2	55.8

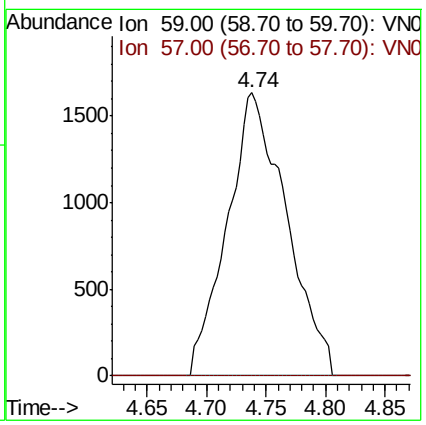


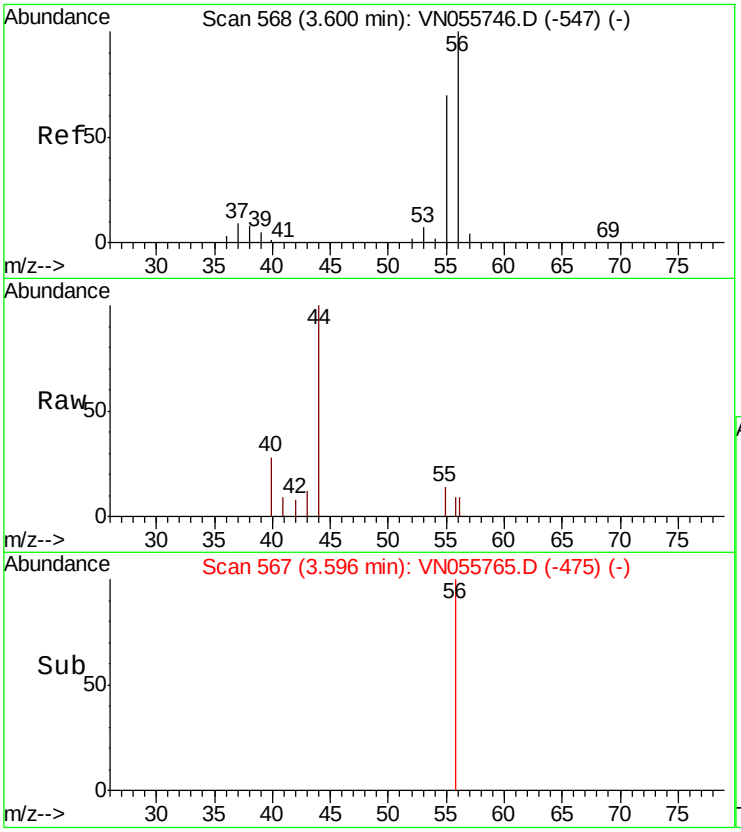


#11
Tert butyl alcohol
Concen: 5.839 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.07 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 59 Resp: 5635

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



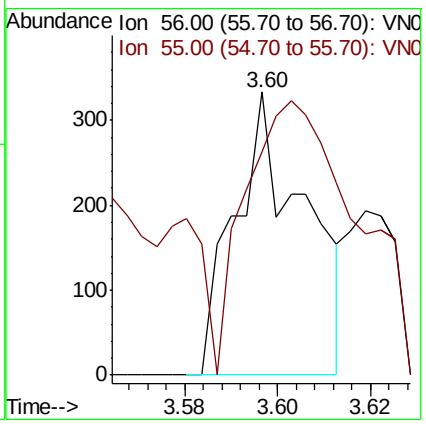


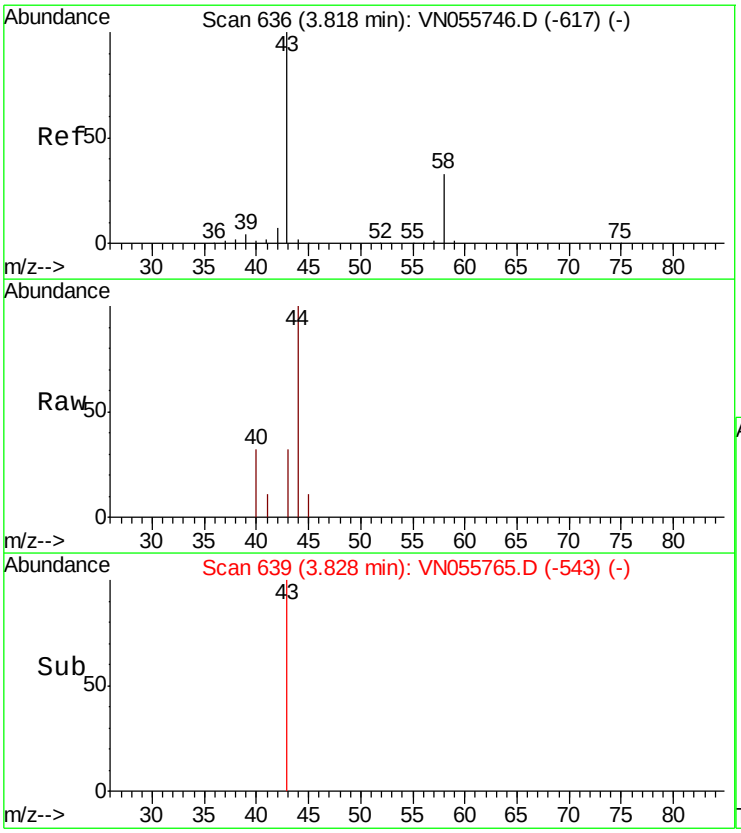
#13
Acrolein
Concen: 0.505 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion: 56 Resp: 349

Ion	Ratio	Lower	Upper
56	100		
55	153.3	55.4	83.2#

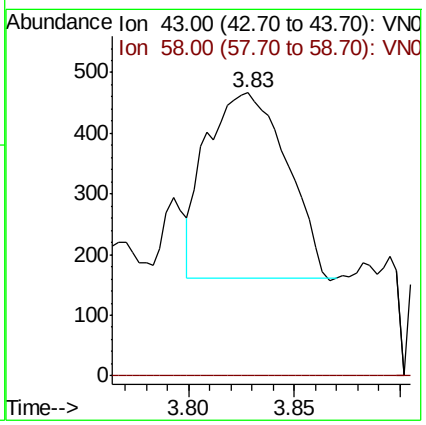


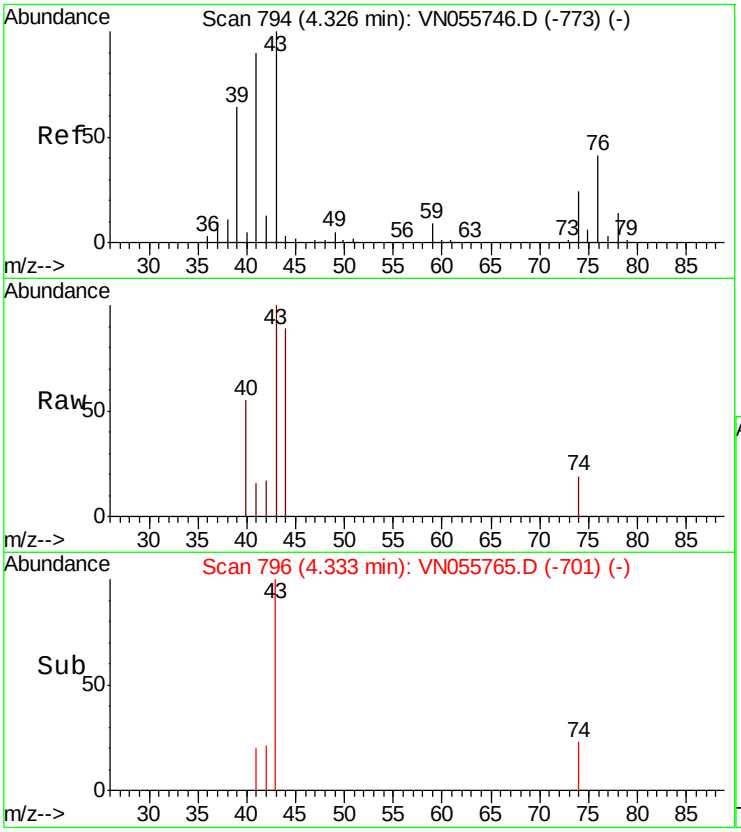


#16
Acetone
Concen: 0.365 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 43 Resp: 811

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	39.8#



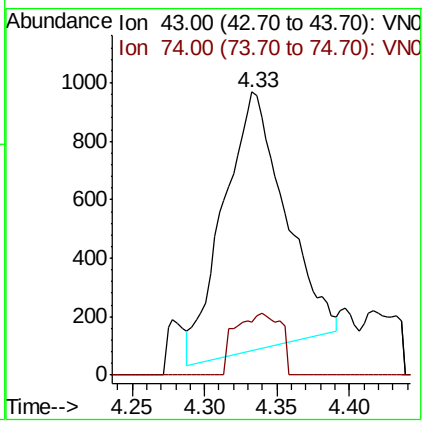


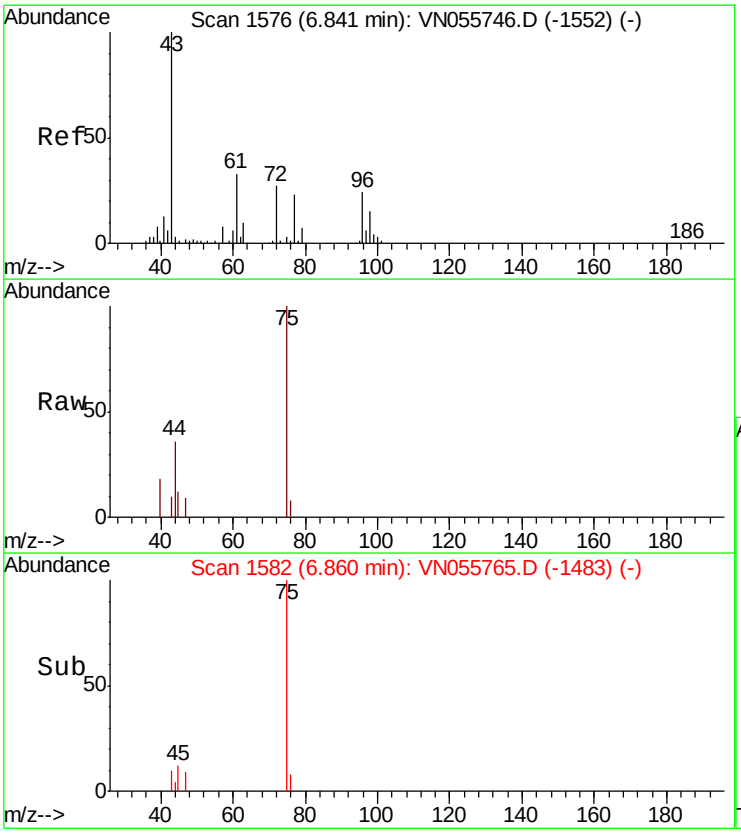
#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(14-17)

Tgt Ion: 43 Resp: 2617

Ion	Ratio	Lower	Upper
43	100		
74	17.5	19.3	28.9#

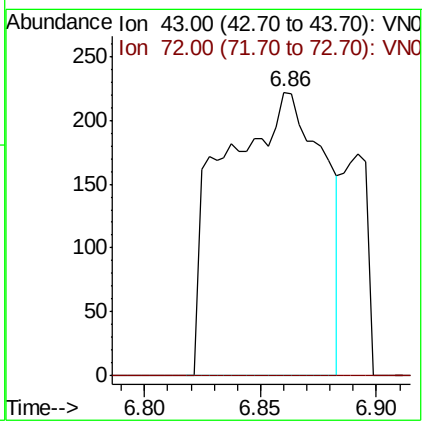


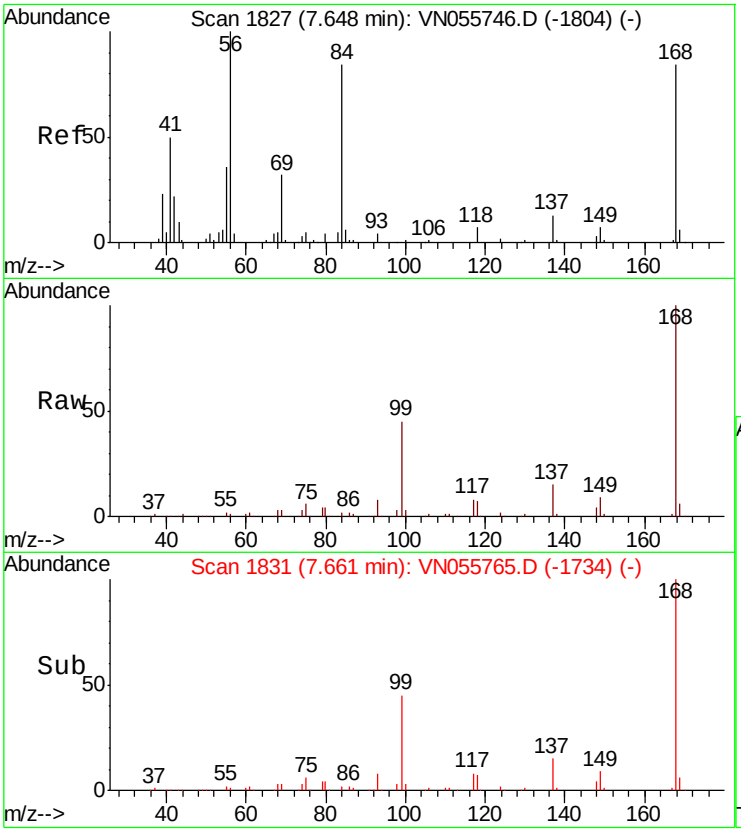


#25
2-Butanone
Concen: 0.216 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 43 Resp: 669

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.9	32.9#



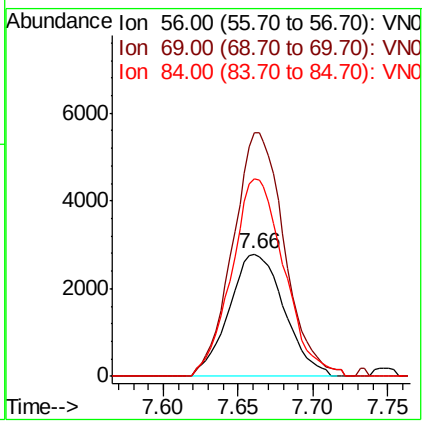


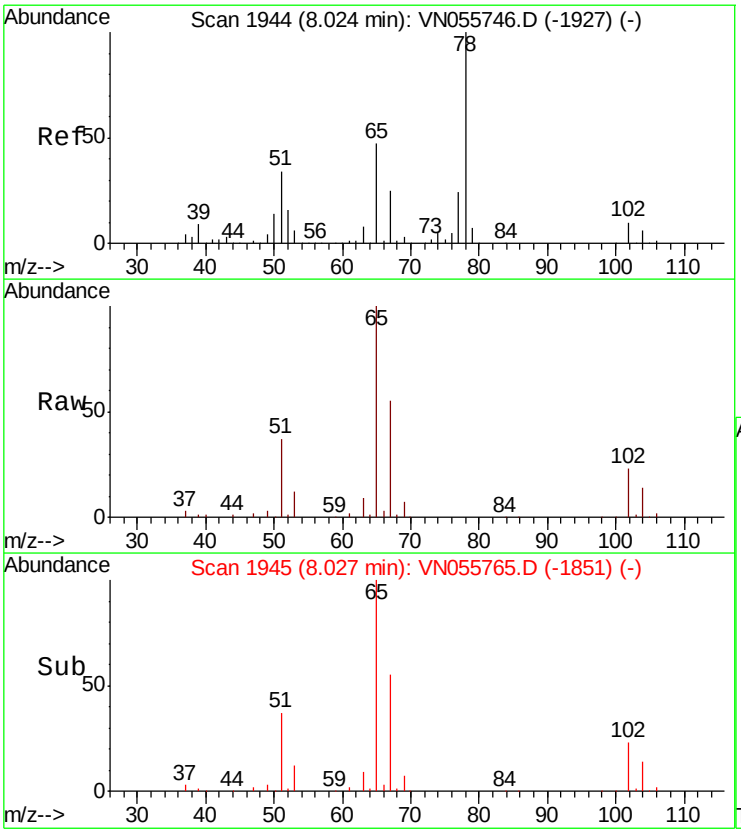
#31
Cyclohexane
Concen: 0.944 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(14-17)

Tgt Ion: 56 Resp: 7157

Ion	Ratio	Lower	Upper
56	100		
69	198.5	25.6	38.4#
84	161.1	67.4	101.0#

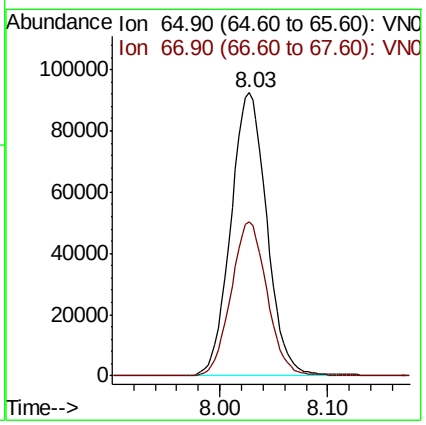


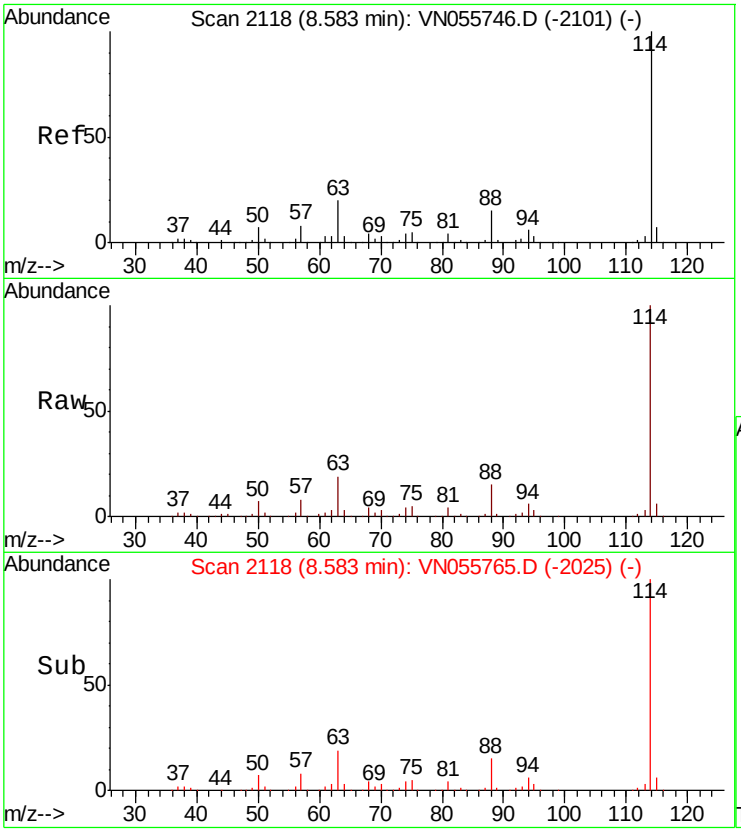


#33
1,2-Dichloroethane-d4
Concen: 42.587 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 65 Resp: 215117

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.2



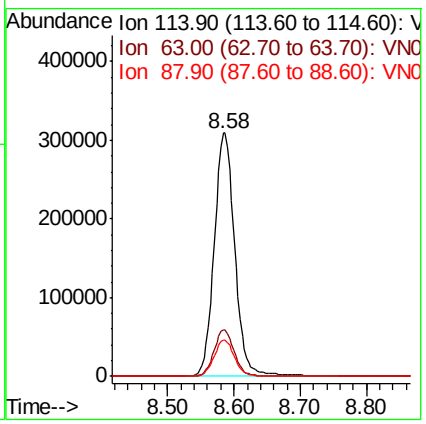


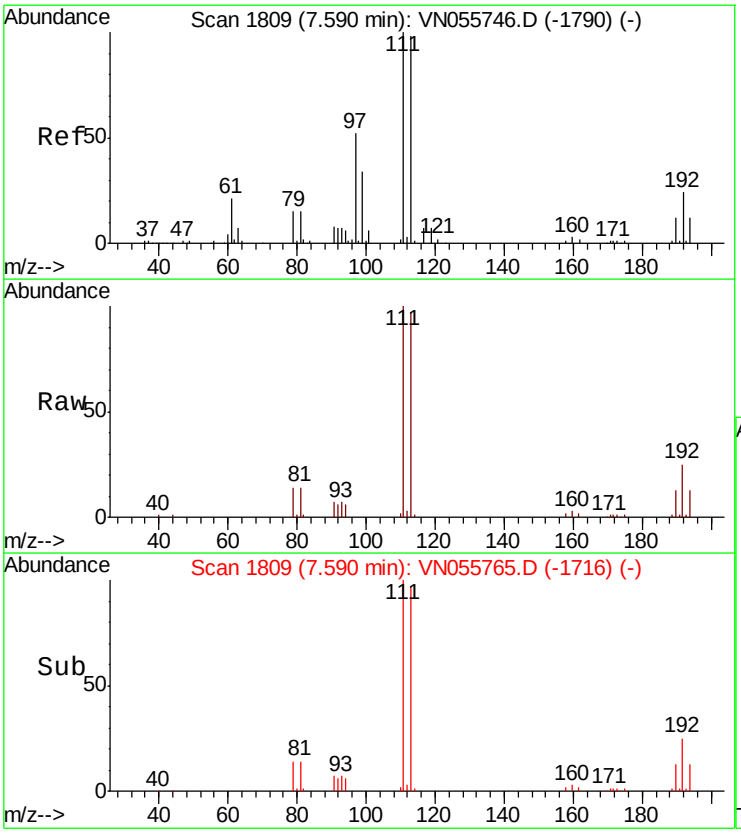
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(14-17)

Tgt Ion:114 Resp: 666473

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.2
88	15.1	0.0	31.0

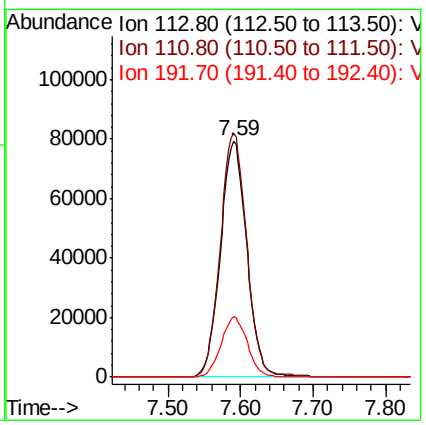


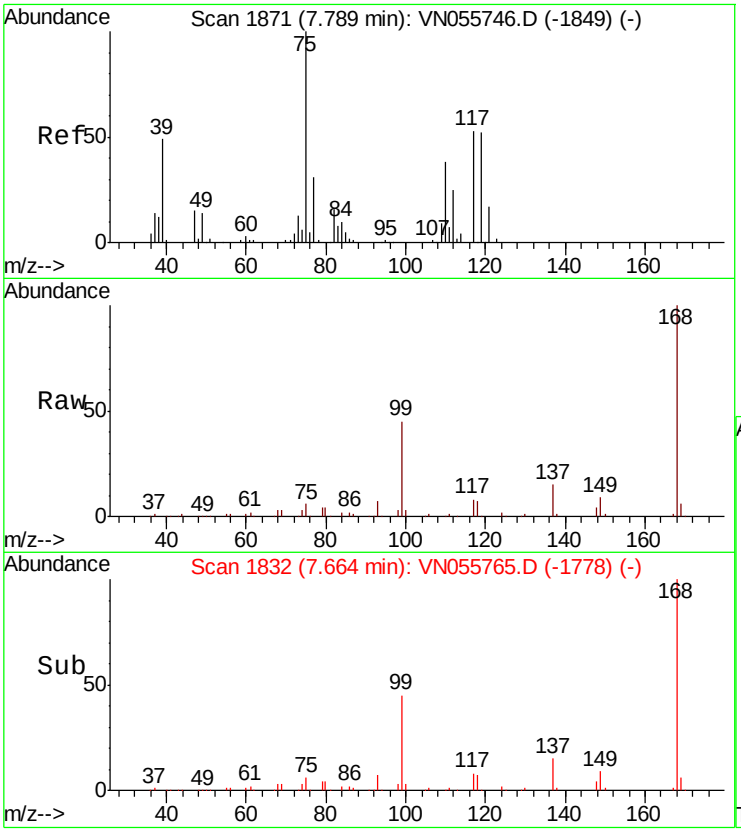


#35
Dibromofluoromethane
Concen: 47.591 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:113 Resp: 200533

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	25.4	19.5	29.3



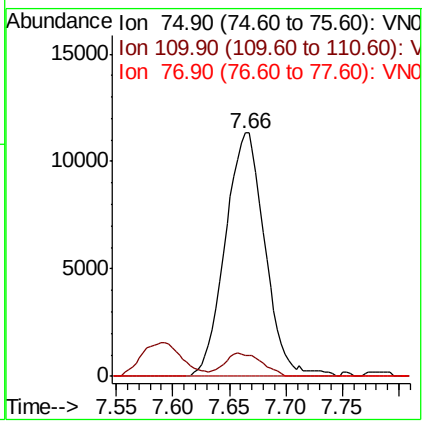


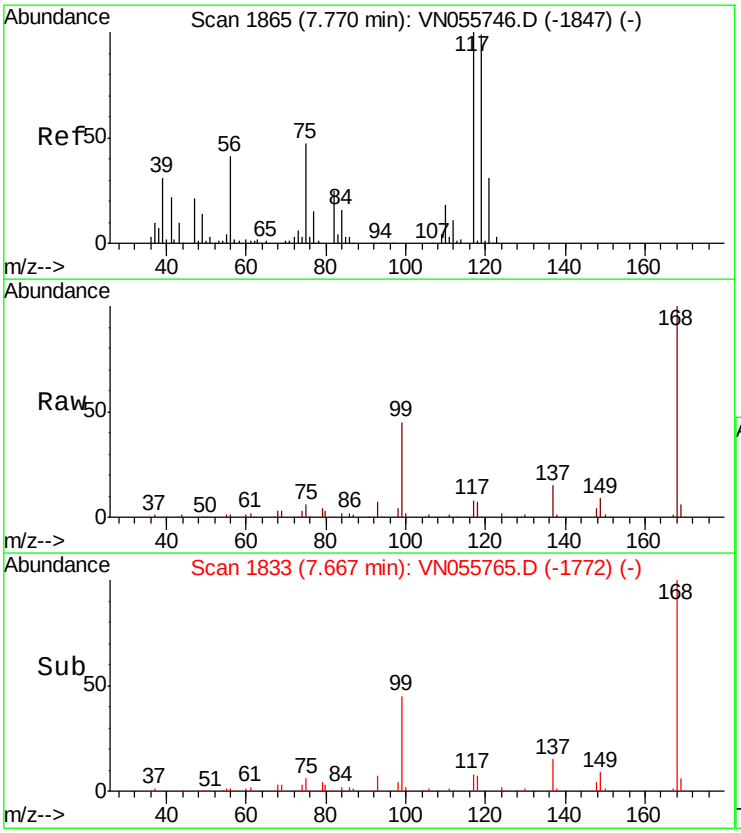
#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion: 75 Resp: 27720

Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.0	57.0#
77	0.0	25.1	37.7#

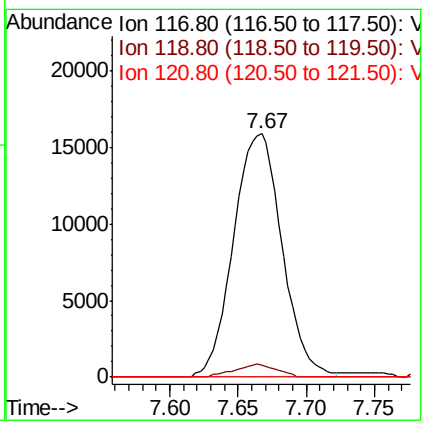


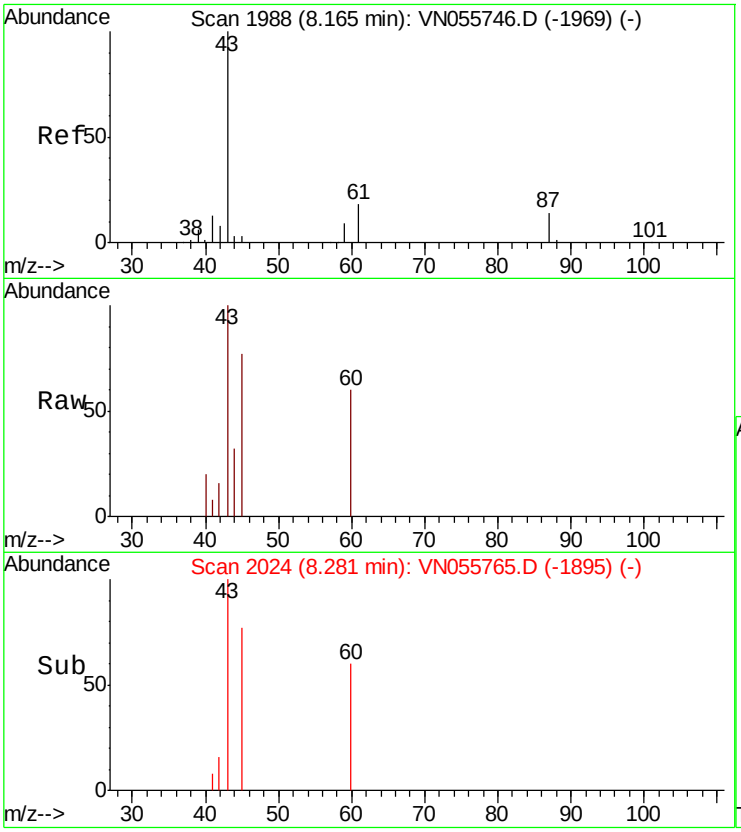


#38
Carbon Tetrachloride
Concen: 6.501 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.10 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:117 Resp: 39331

Ion	Ratio	Lower	Upper
117	100		
119	4.8	79.0	118.6#
121	0.0	24.7	37.1#



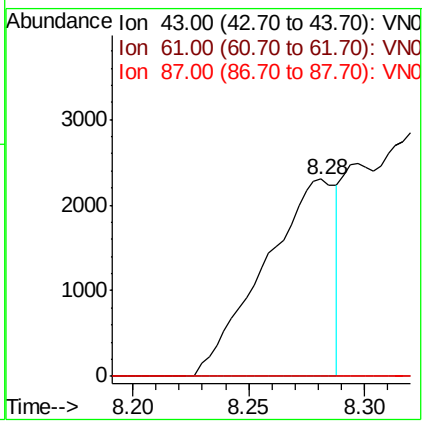


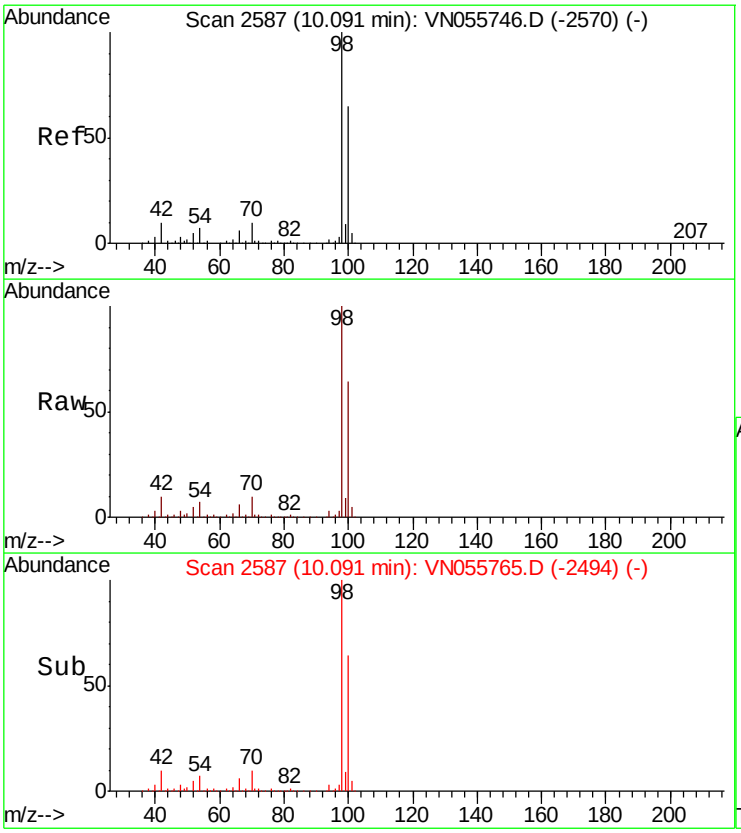
#43
Isopropyl Acetate
Concen: 0.522 ug/l
RT: 8.28 min Scan# 2024
Delta R.T. 0.12 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(14-17)

Tgt Ion: 43 Resp: 4926

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.2	33.4#
87	0.0	11.4	17.2#

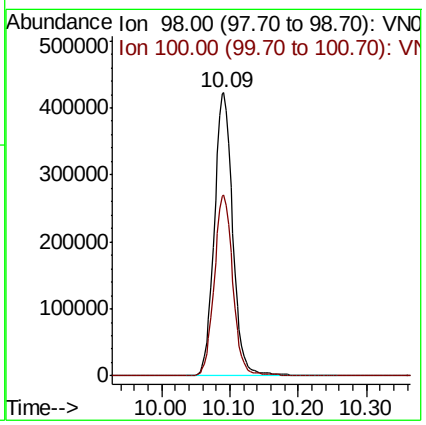


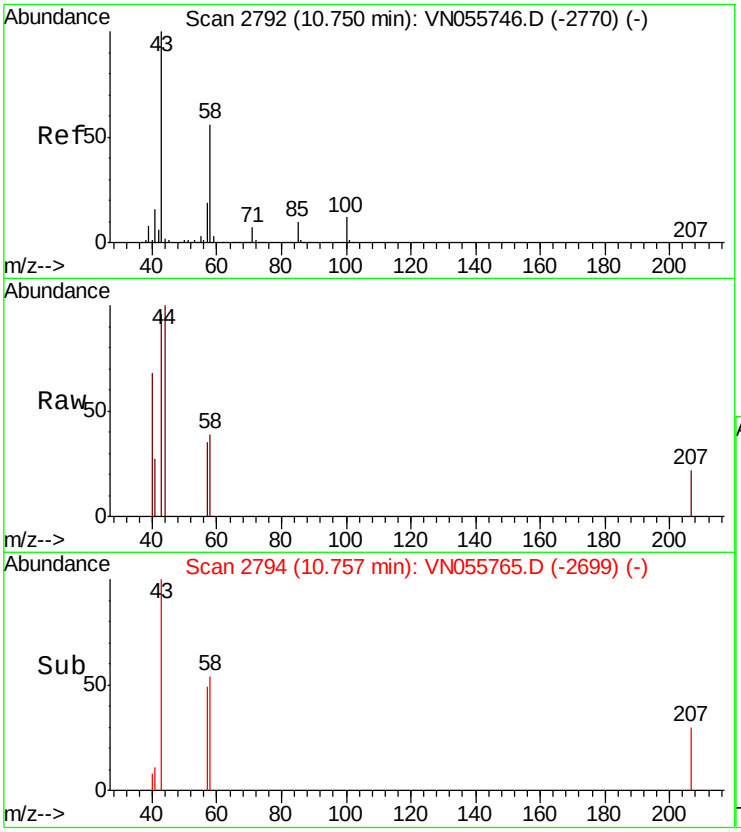


#50
Toluene-d8
Concen: 49.105 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 98 Resp: 793695

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9



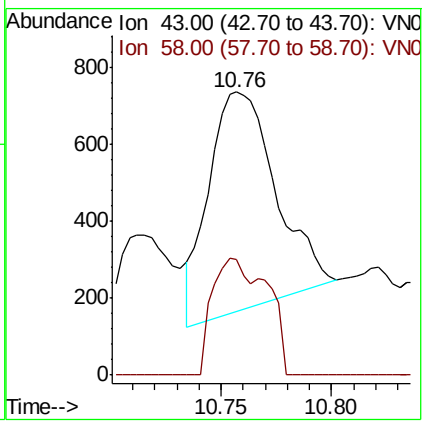


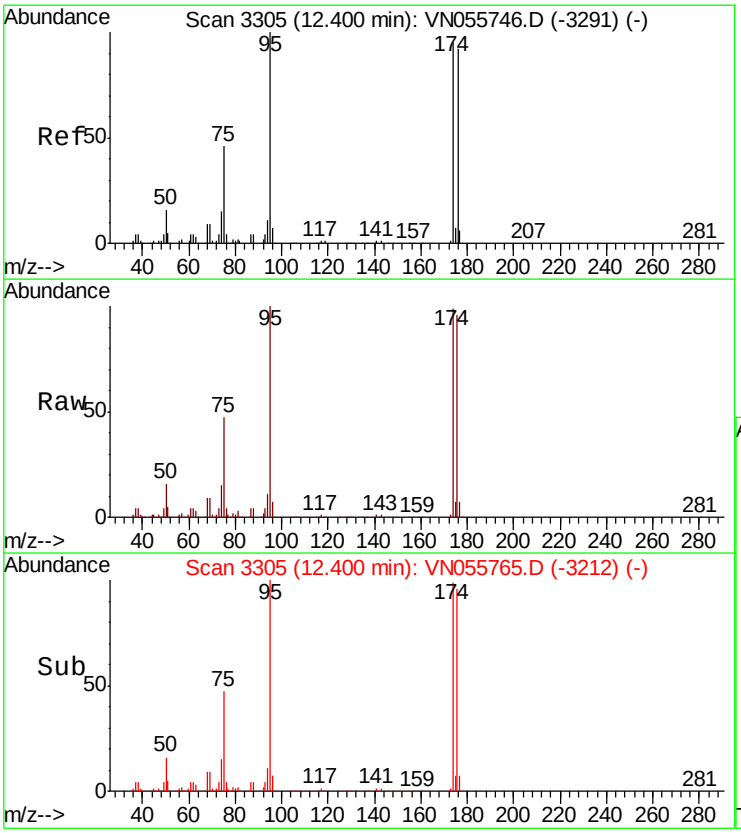
#59
2-Hexanone
Concen: 0.306 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(14-17)

Tgt Ion: 43 Resp: 1210

Ion	Ratio	Lower	Upper
43	100		
58	43.1	28.2	84.7

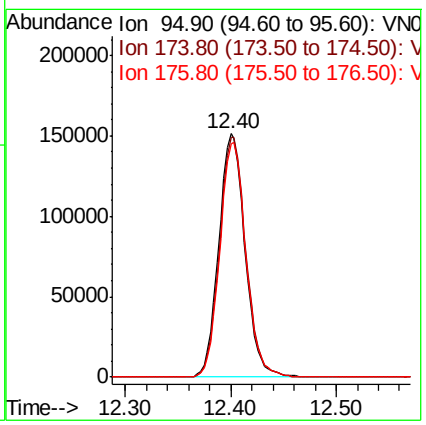


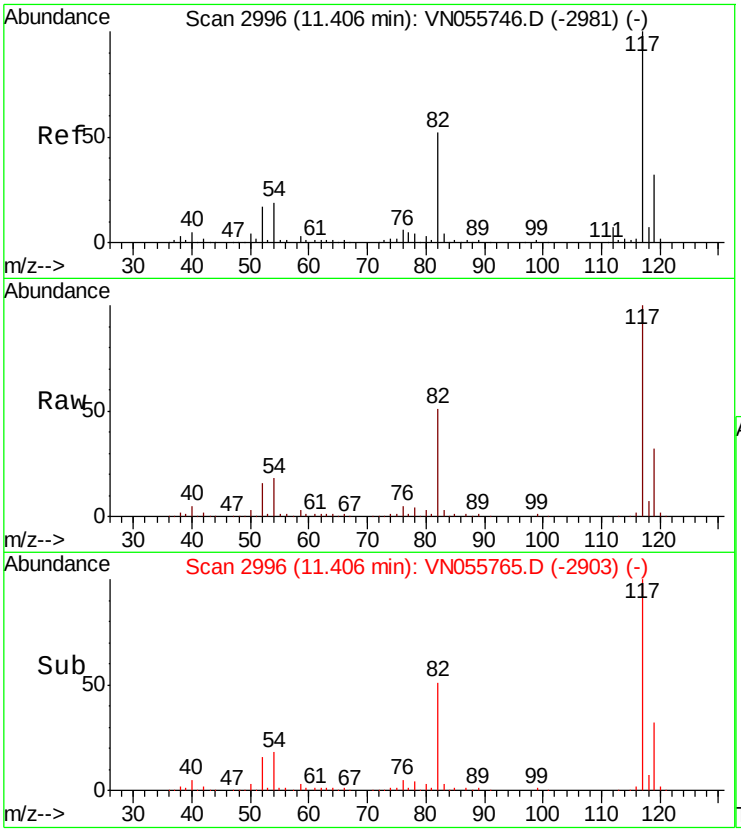


#62
4-Bromofluorobenzene
Concen: 46.763 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 95 Resp: 259169

Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	191.0
176	96.2	0.0	185.2



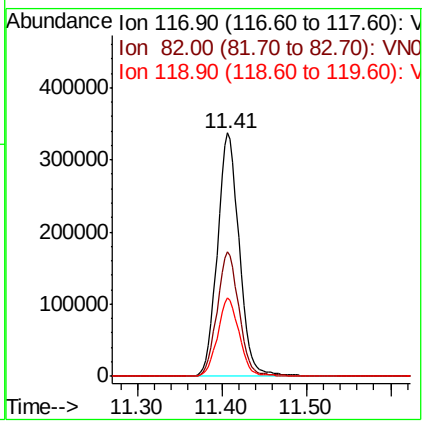


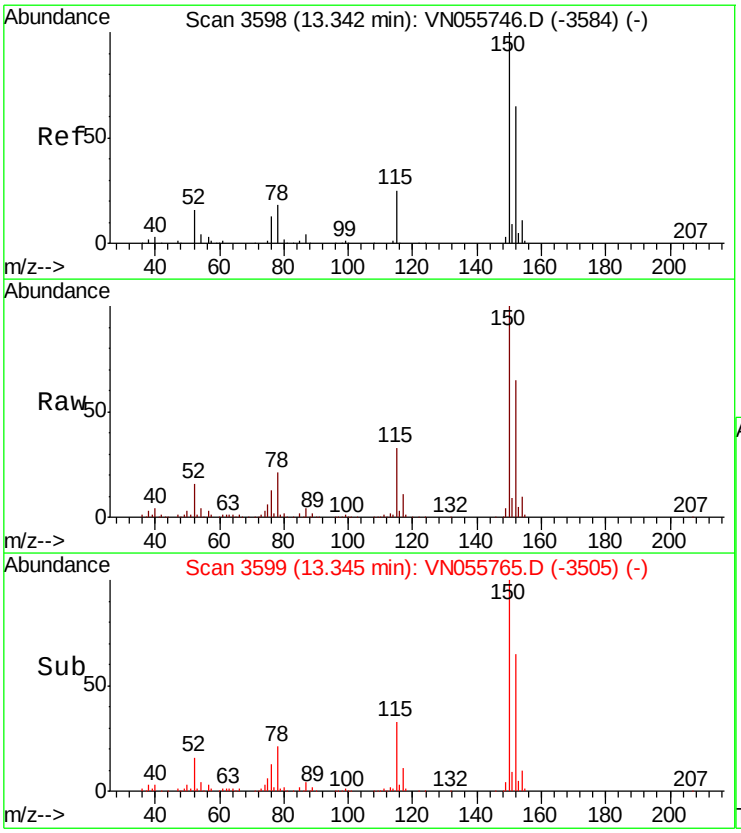
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion:117 Resp: 605062

Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.8	62.8
119	32.1	25.4	38.0

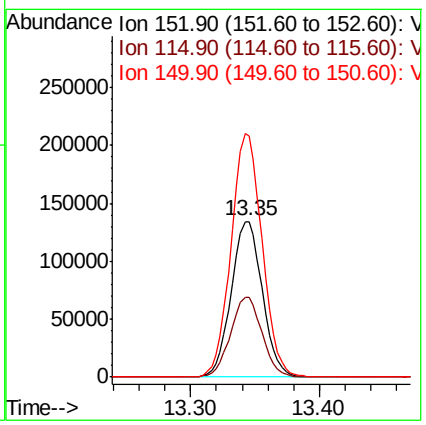


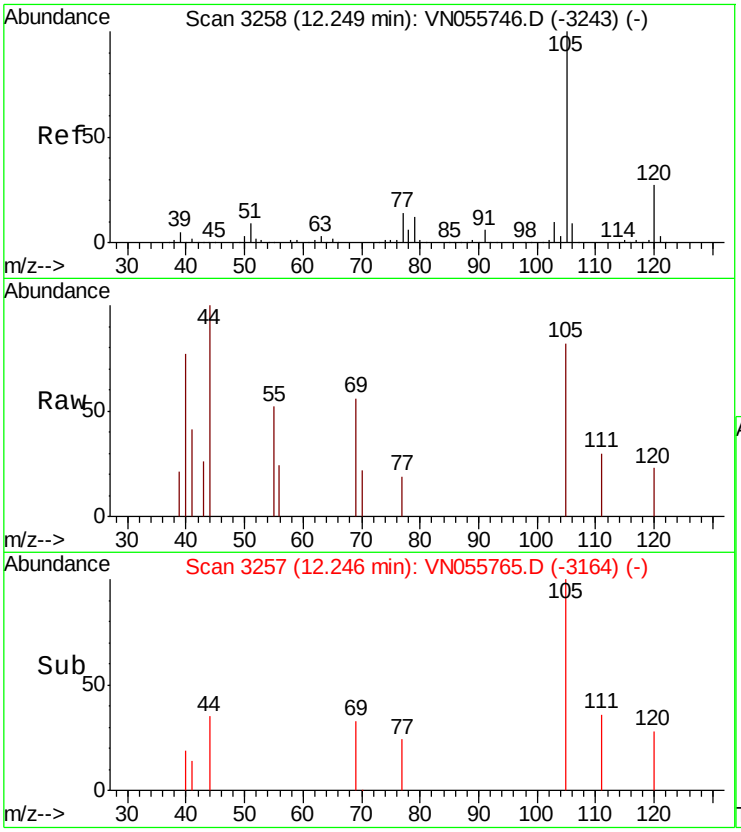


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:152 Resp: 225234

Ion	Ratio	Lower	Upper
152	100		
115	51.9	27.0	81.0
150	155.9	0.0	343.2



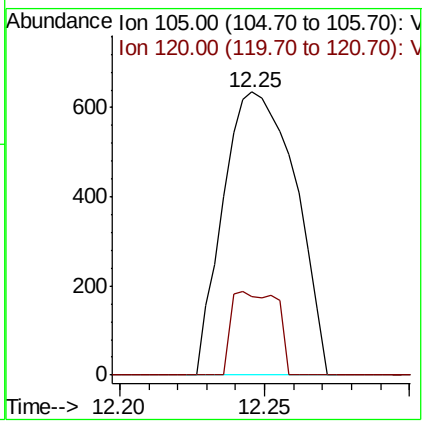


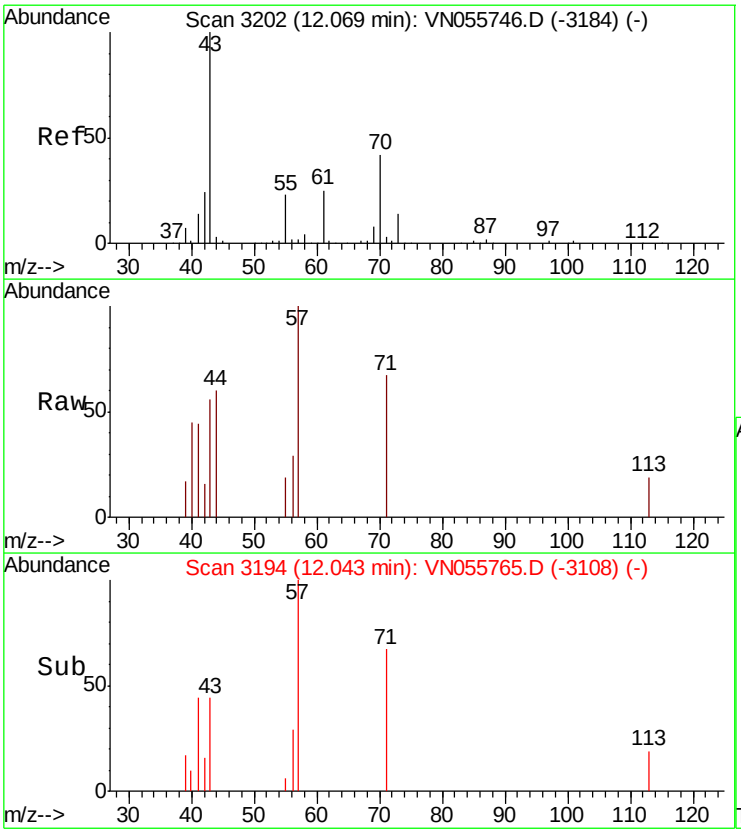
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion:105 Resp: 1098

Ion	Ratio	Lower	Upper
105	100		
120	18.8	13.6	40.7

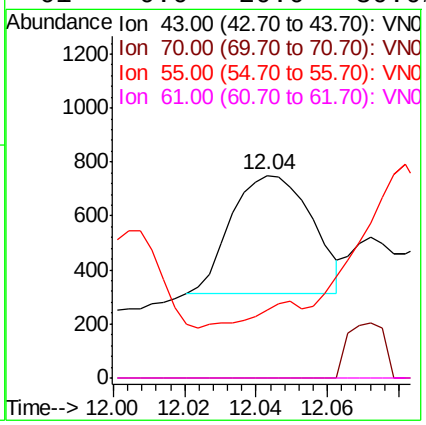


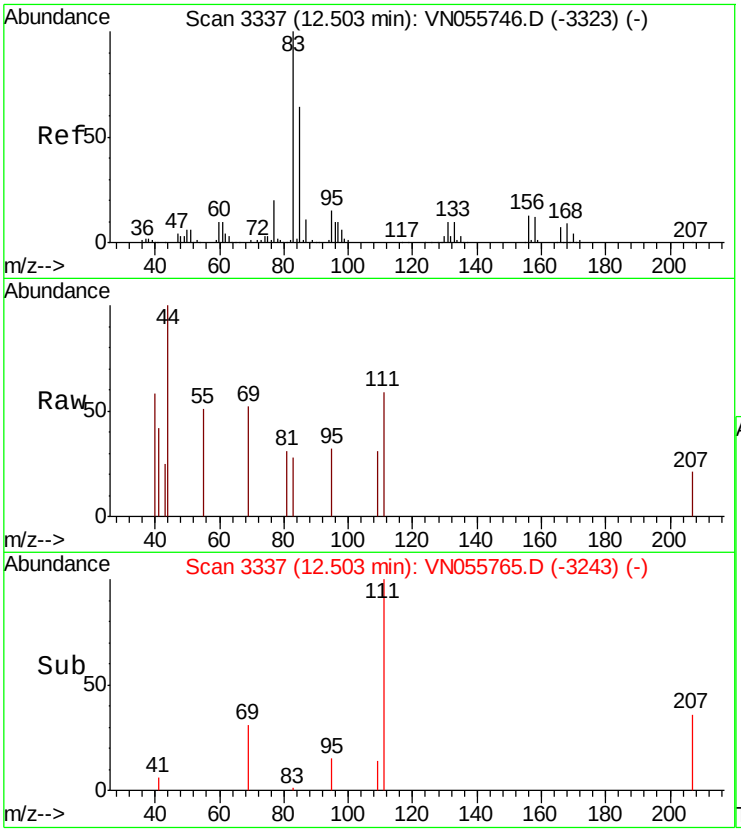


#74
N-amyl acetate
Concen: Below Cal
RT: 12.04 min Scan# 3194
Delta R.T. -0.02 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 43 Resp: 685

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.0	51.0#
55	0.0	18.6	28.0#
61	0.0	20.0	30.0#



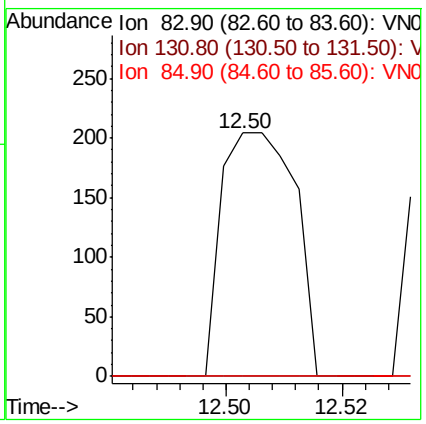


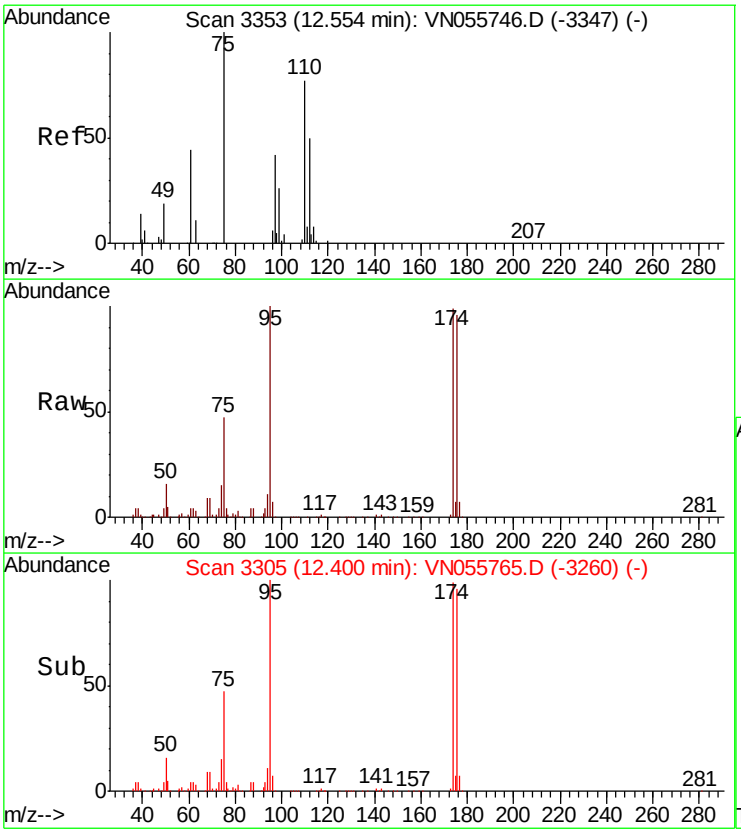
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(14-17)

Tgt Ion: 83 Resp: 179

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.4	16.2#
85	0.0	32.4	97.0#

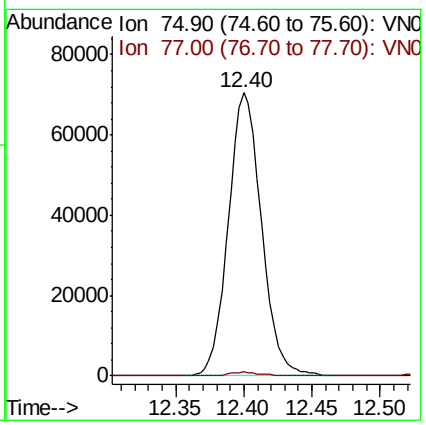


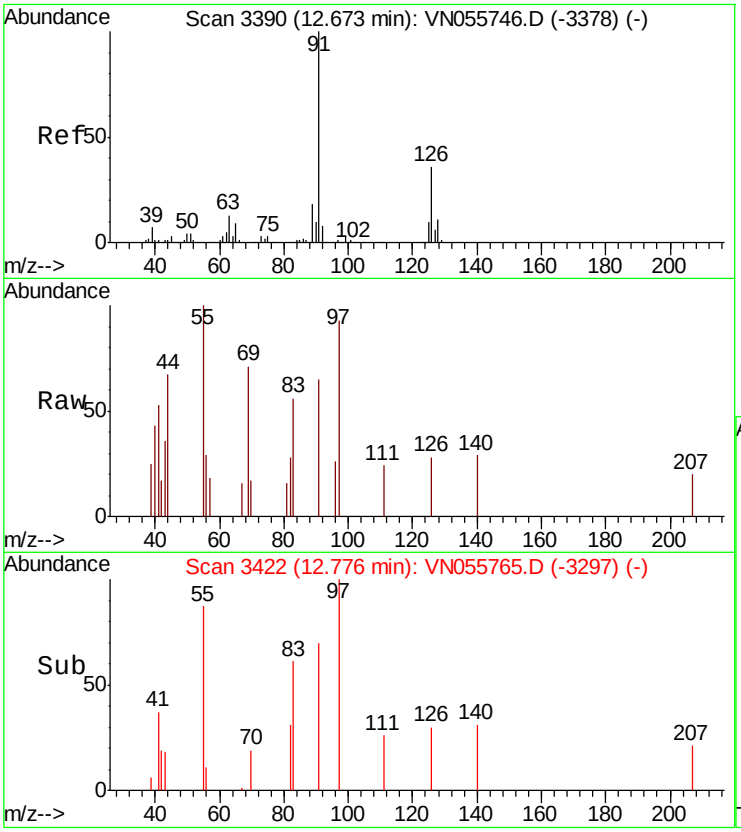


#76
1,2,3-Trichloropropane
Concen: 29.329 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion: 75 Resp: 118796

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



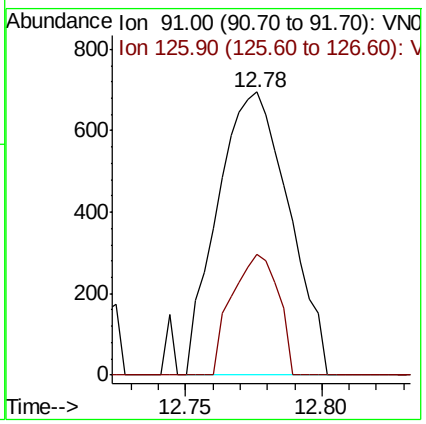


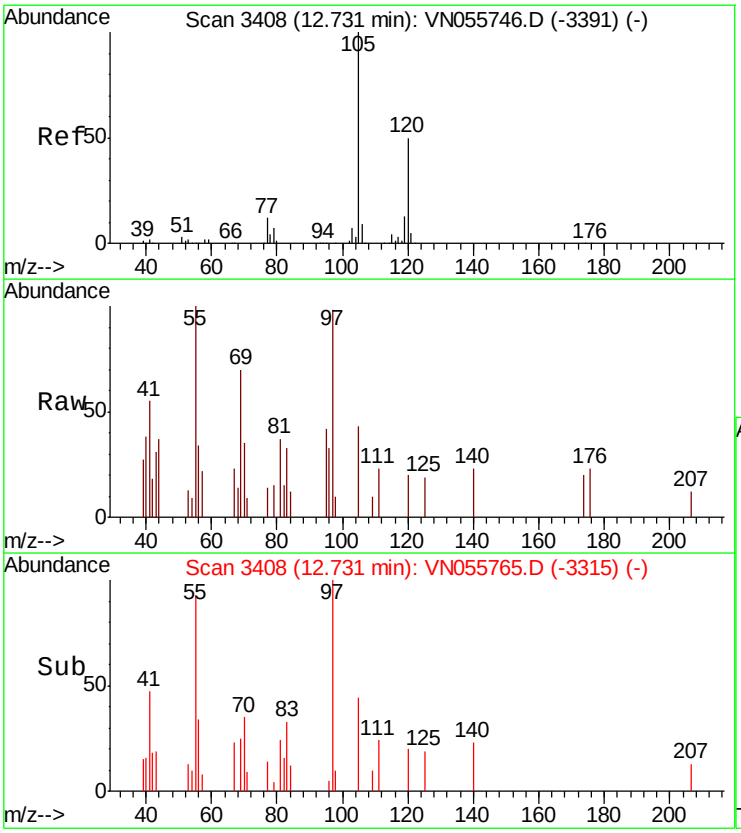
#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.78 min Scan# 3422
Delta R.T. 0.10 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion: 91 Resp: 1262

Ion	Ratio	Lower	Upper
91	100		
126	27.6	18.1	54.4

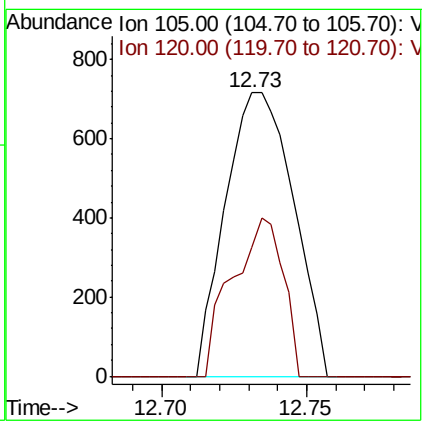


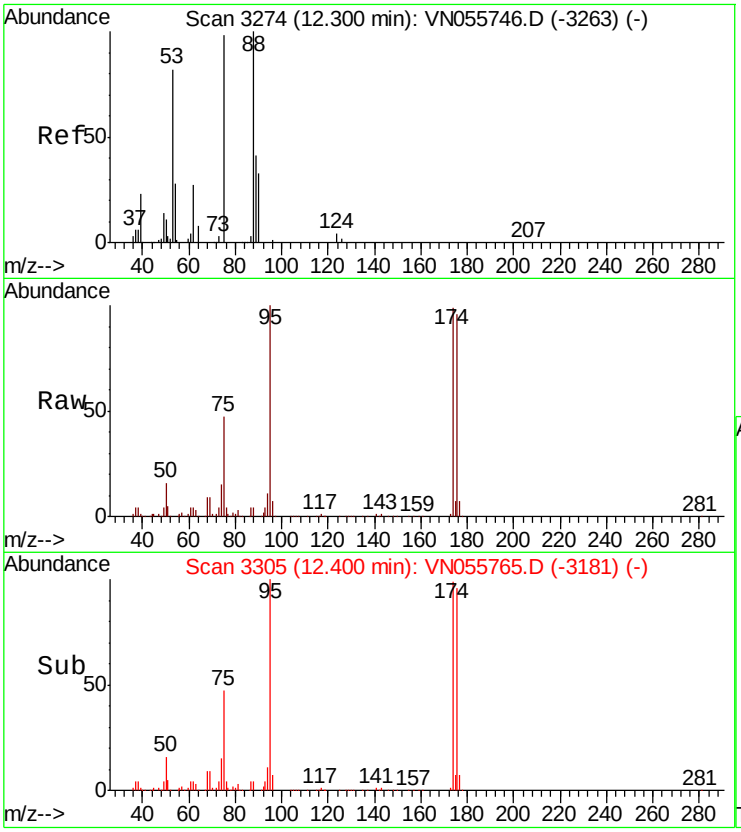


#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:105 Resp: 1170

Ion	Ratio	Lower	Upper
105	100		
120	41.7	24.7	74.1



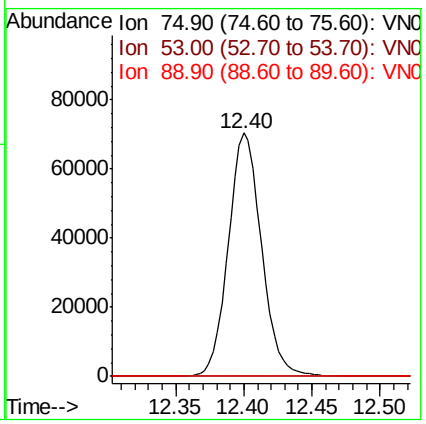


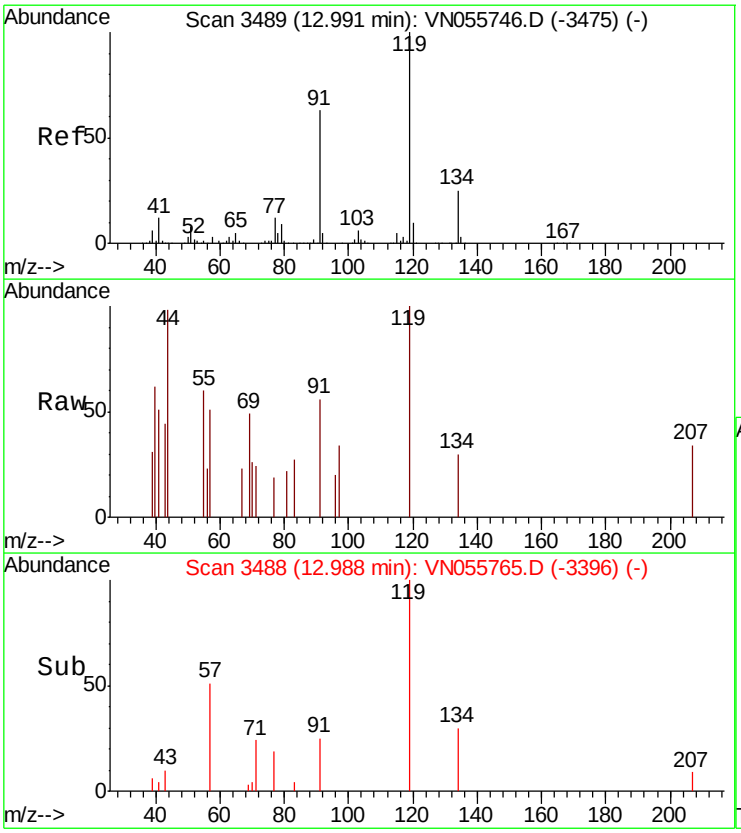
#81
trans-1,4-Dichloro-2-butene
Concen: 70.965 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion: 75 Resp: 118796

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

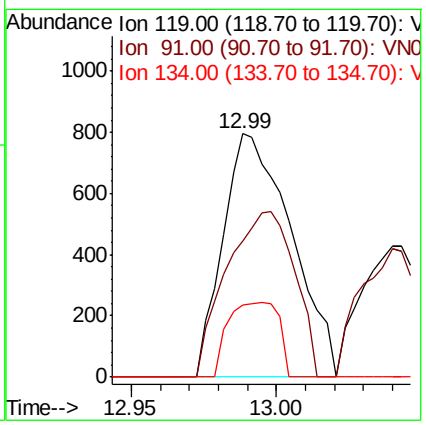


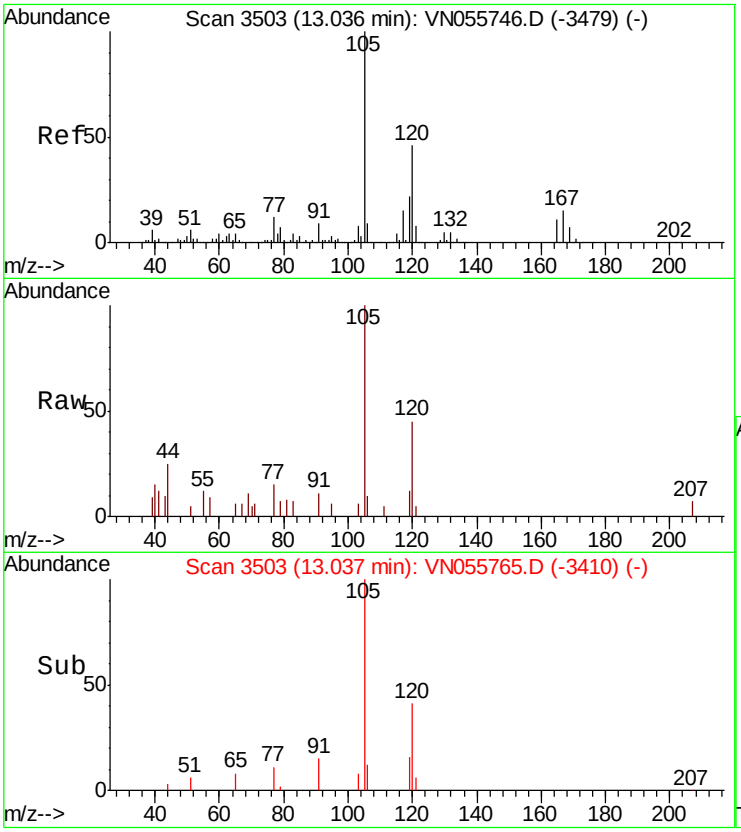


#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:119 Resp: 1297

Ion	Ratio	Lower	Upper
119	100		
91	68.1	30.9	92.8
134	22.7	13.3	39.8



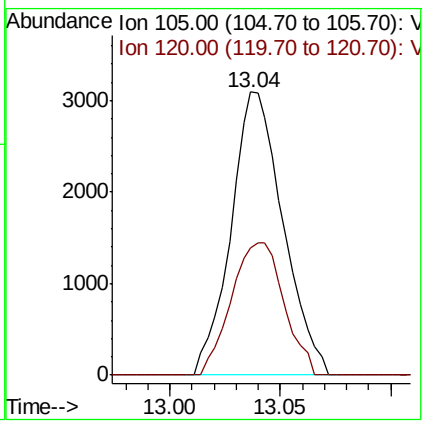


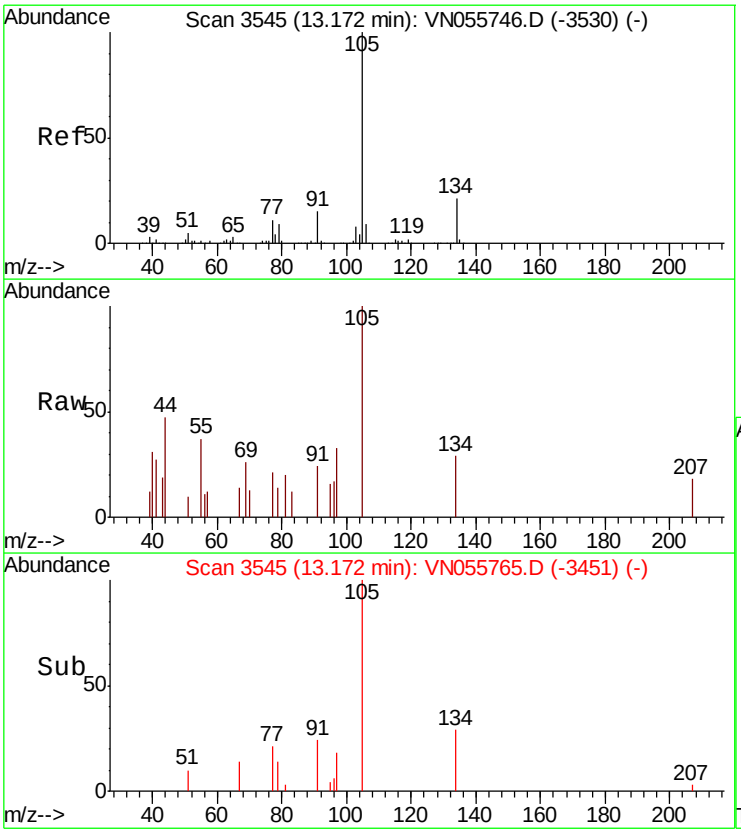
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion:105 Resp: 5074

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.0	69.0

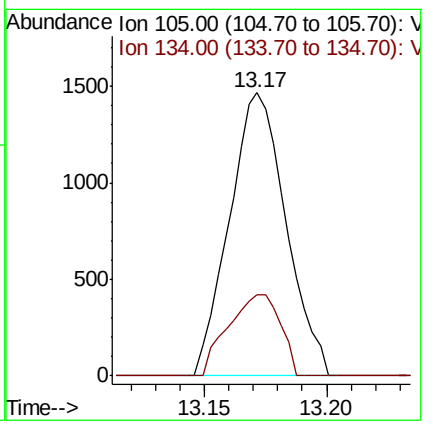


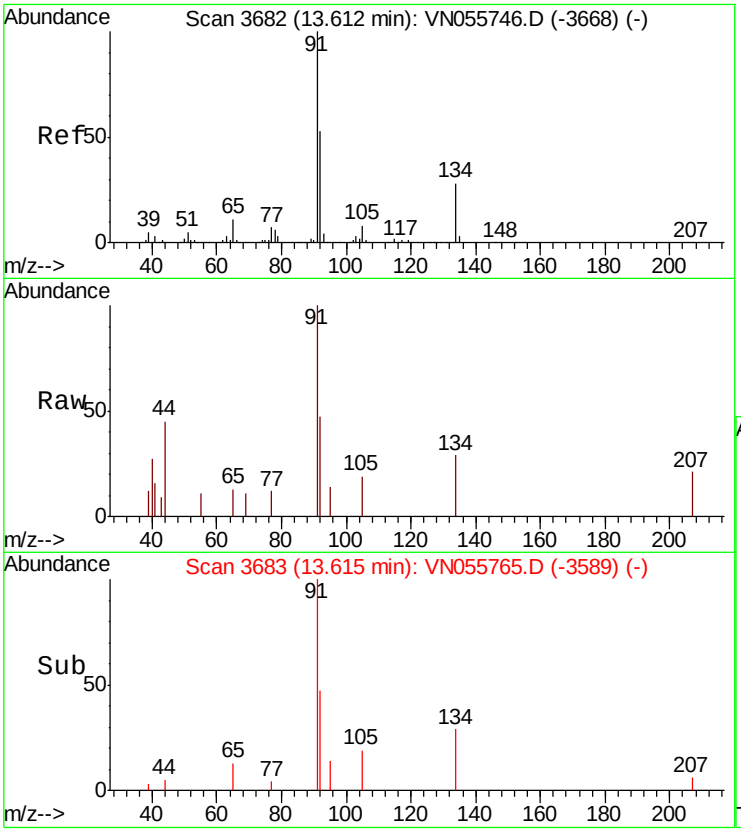


#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:105 Resp: 2350

Ion	Ratio	Lower	Upper
105	100		
134	26.6	10.4	31.2



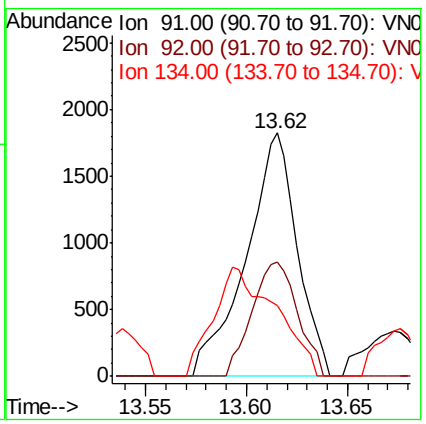


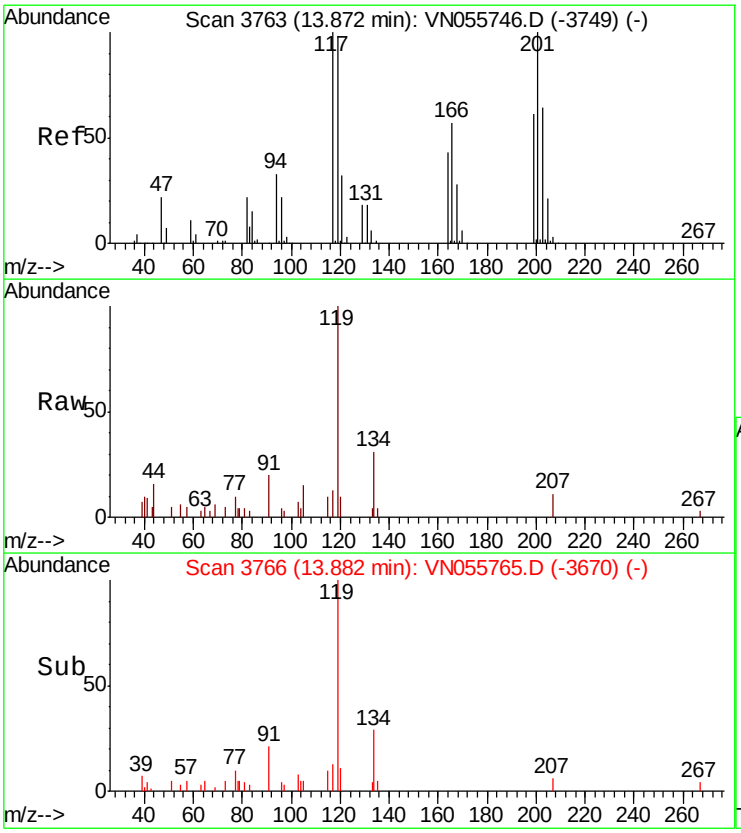
#89
n-Butylbenzene
Concen: 0.268 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion: 91 Resp: 3215

Ion	Ratio	Lower	Upper
91	100		
92	42.0	26.4	79.0
134	0.0	13.9	41.7#

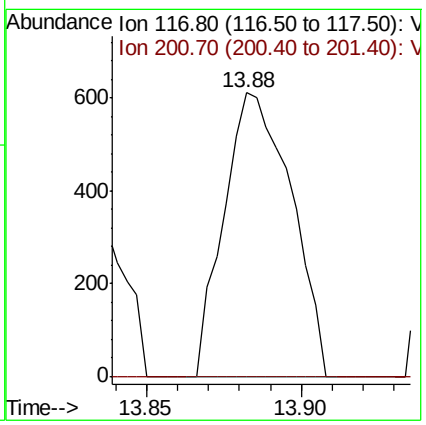


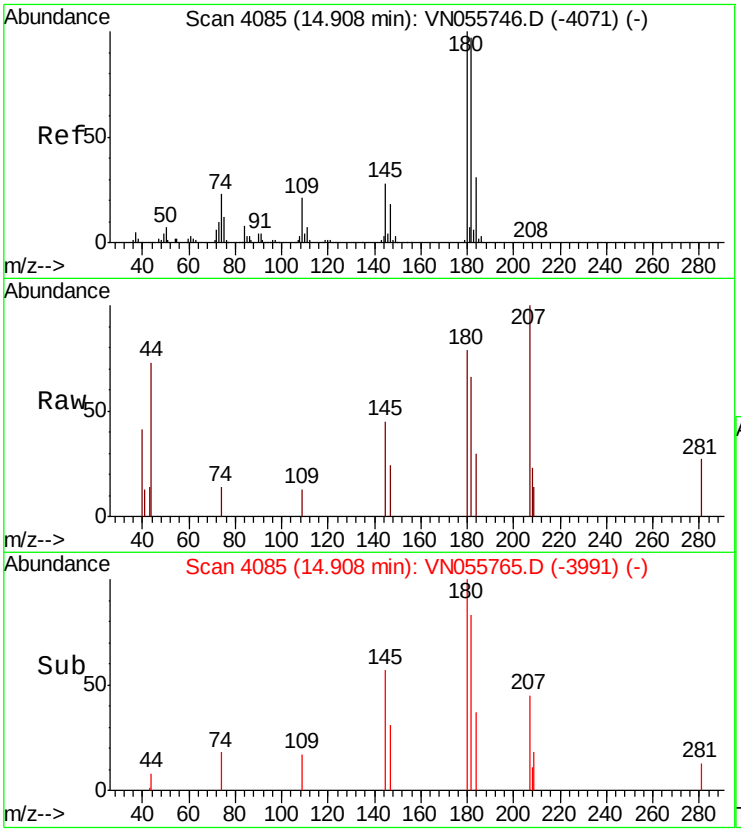


#90
Hexachloroethane
Concen: 0.310 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:117 Resp: 923

Ion	Ratio	Lower	Upper
117	100		
201	0.0	50.0	150.0#



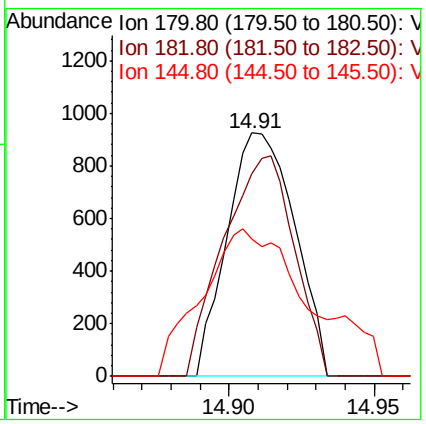


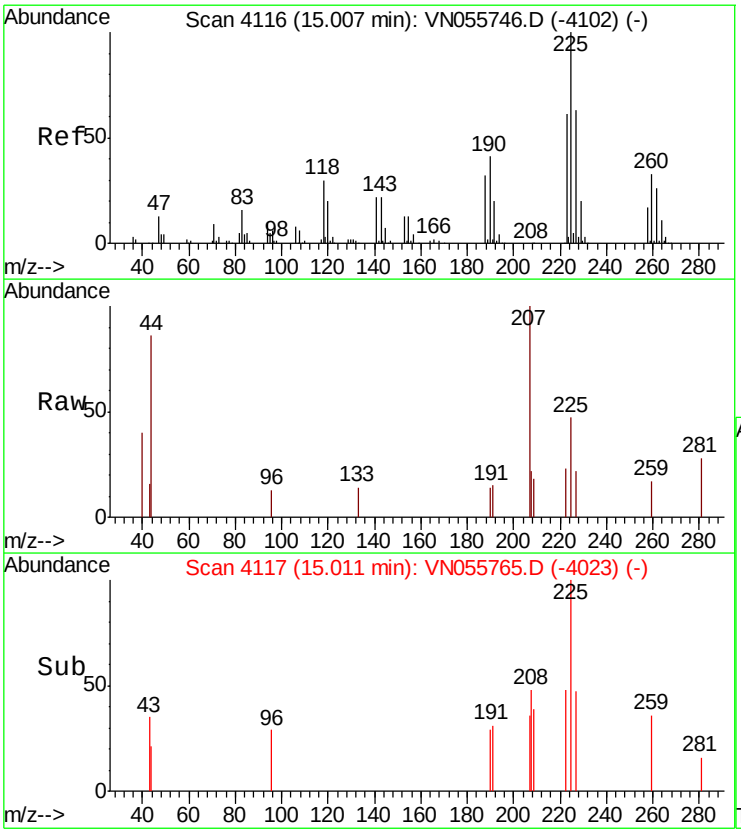
#93
1,2,4-Trichlorobenzene
Concen: 3.954 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion:180 Resp: 1496

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.3	144.9
145	96.6	14.0	41.9#

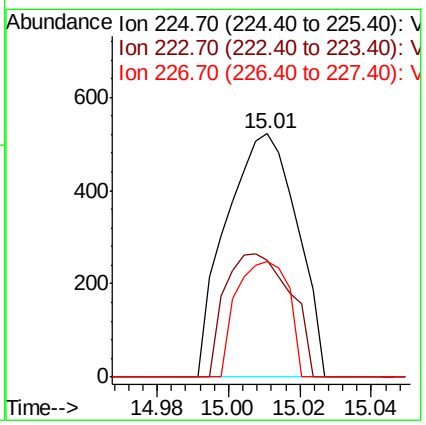


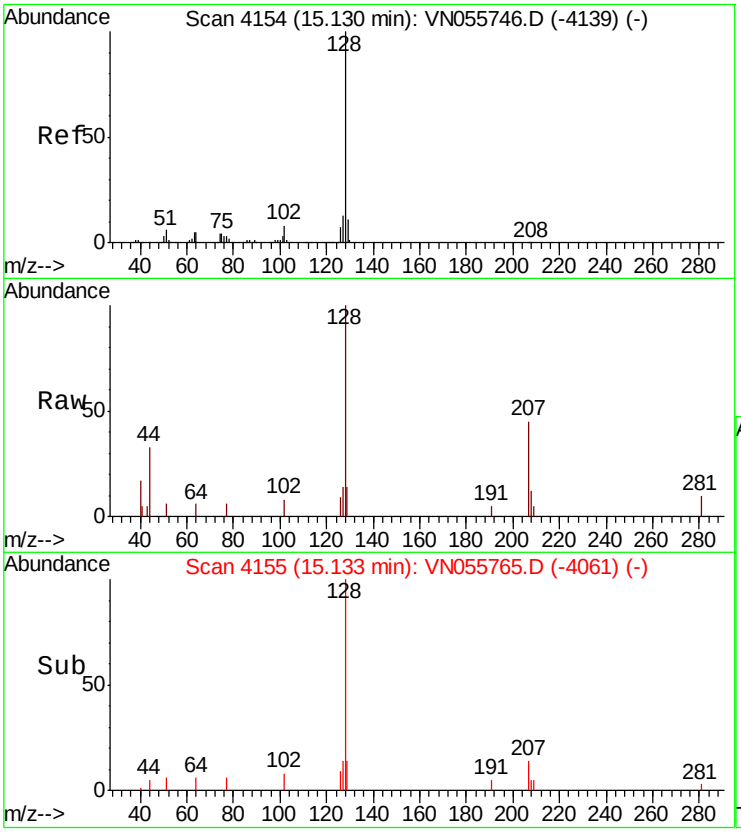


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:225 Resp: 717

Ion	Ratio	Lower	Upper
225	100		
223	46.6	30.9	92.7
227	34.7	31.6	94.7



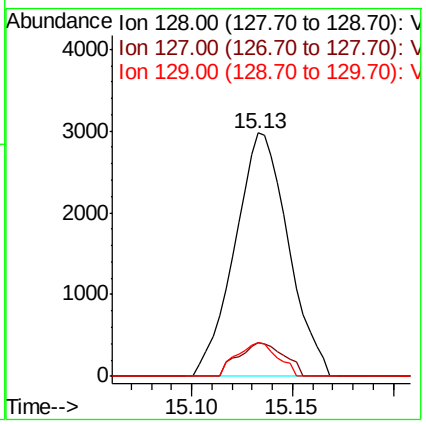


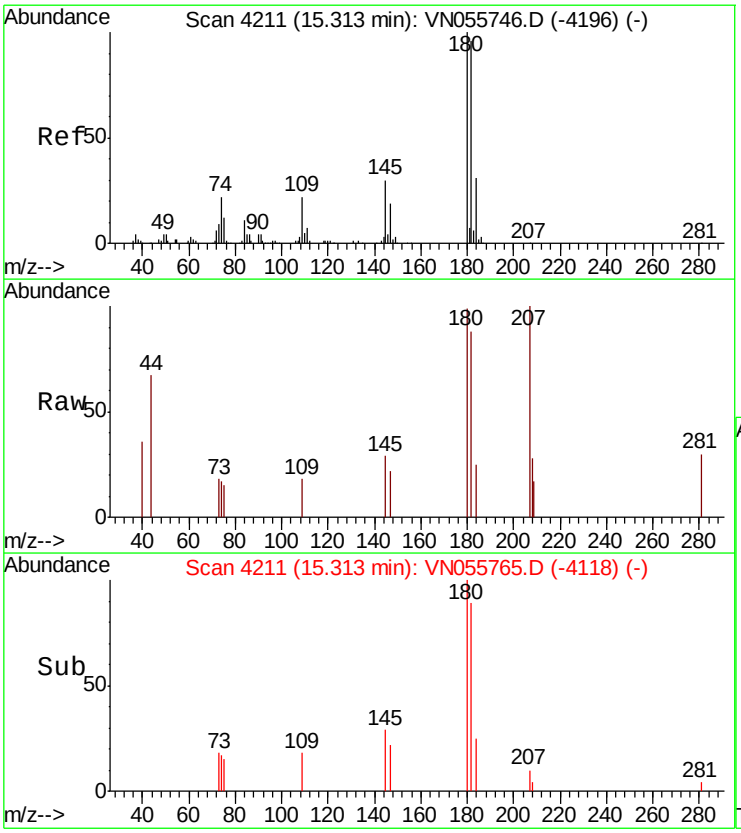
#95
Naphthalene
Concen: 0.528 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(14-17)

Tgt Ion:128 Resp: 5504

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.3	15.5
129	10.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.480 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055765.D
Acq: 23 May 2019 20:07

Tgt Ion:180 Resp: 1927

Ion	Ratio	Lower	Upper
180	100		
182	102.1	47.9	143.7
145	34.2	14.9	44.7