Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052319\
Data File : VN055768.D
Acq On : 23 May 2019 21:22
Operator : JC/SP
Sample : K2977-04 100X
Misc : 6.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Quant Time: May 24 06:52:19 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	449118	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	606806	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.41	117	533214	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193543	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.03	65	200856	43.31 ug/l	0.00
Spiked Amount 50.000			Recovery =	86.62%	
35) Dibromofluoromethane	7.59	113	182854	47.66 ug/l	0.00
Spiked Amount 50.000			Recovery =	95.32%	
50) Toluene-d8	10.09	98	716706	48.70 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.40%	
62) 4-Bromofluorobenzene	12.40	95	222824	44.16 ug/l	0.00
Spiked Amount 50.000			Recovery =	88.32%	
Target Compounds					Qvalue
11) Tert butyl alcohol	4.74	59	9788	11.045 ug/l #	74
13) Acrolein	3.60	56	145	0.229 ug/l #	24
16) Acetone	3.82	43	1008	0.494 ug/l #	41
18) Methyl Acetate	4.33	43	2863	Below Cal #	61
25) 2-Butanone	6.84	43	887	0.312 ug/l #	47
31) Cyclohexane	7.66	56	6264	0.900 ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24236	4.583 ug/l #	49
38) Carbon Tetrachloride	7.66	117	35463	6.438 ug/l #	14
43) Isopropyl Acetate	8.32	43	10988	1.280 ug/l #	53
68) m/p-Xylenes	11.62	106	3991	0.551 ug/l	90
73) Isopropylbenzene	12.25	105	3159	Below Cal	93
74) N-amyl acetate	12.04	43	479	Below Cal #	43
75) 1,1,2,2-Tetrachloroethane	12.53	83	66	Below Cal #	25
76) 1,2,3-Trichloropropane	12.40	75	103648	29.831 ug/l #	100
78) n-propylbenzene	12.59	91	6732	0.400 ug/l	97
79) 2-Chlorotoluene	12.66	91	571	Below Cal #	39
80) 1,3,5-Trimethylbenzene	12.69	105	12300	Below Cal	74
81) trans-1,4-Dichloro-2-buten	12.40	75	103648	72.054 ug/l #	15
83) tert-Butylbenzene	12.99	119	1175	Below Cal	87
84) 1,2,4-Trimethylbenzene	13.04	105	79661	4.768 ug/l	100
85) sec-Butylbenzene	13.17	105	8395	Below Cal #	69
86) p-Isopropyltoluene	13.29	119	9570	0.712 ug/l	98
89) n-Butylbenzene	13.62	91	6215	0.603 ug/l #	64
90) Hexachloroethane	13.89	117	1578	0.617 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	130	3.669 ug/l #	1

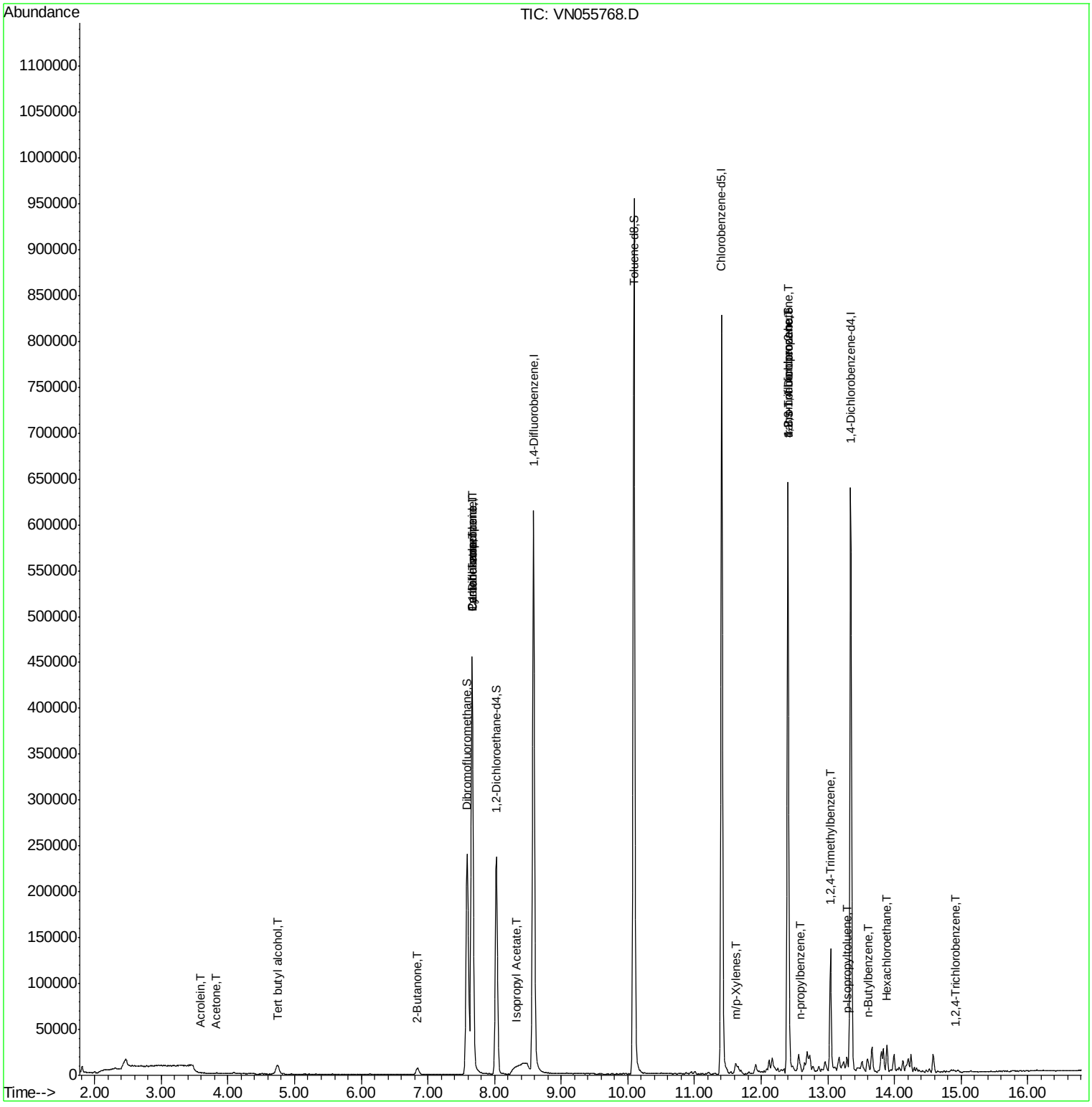
(#) = qualifier out of range (m) = manual integration (+) = signals summed

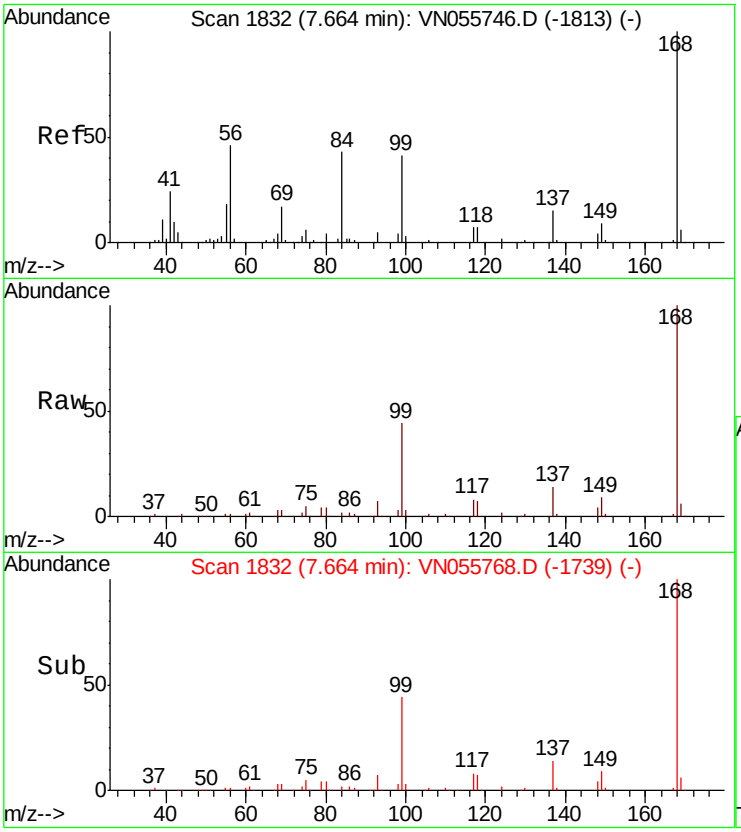
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052319\
Data File : VN055768.D
Acq On : 23 May 2019 21:22
Operator : JC/SP
Sample : K2977-04 100X
Misc : 6.01g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Quant Time: May 24 06:52:19 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



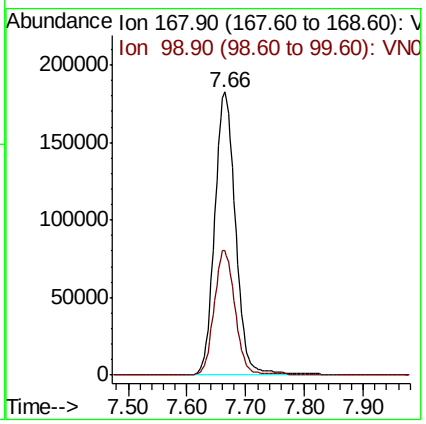


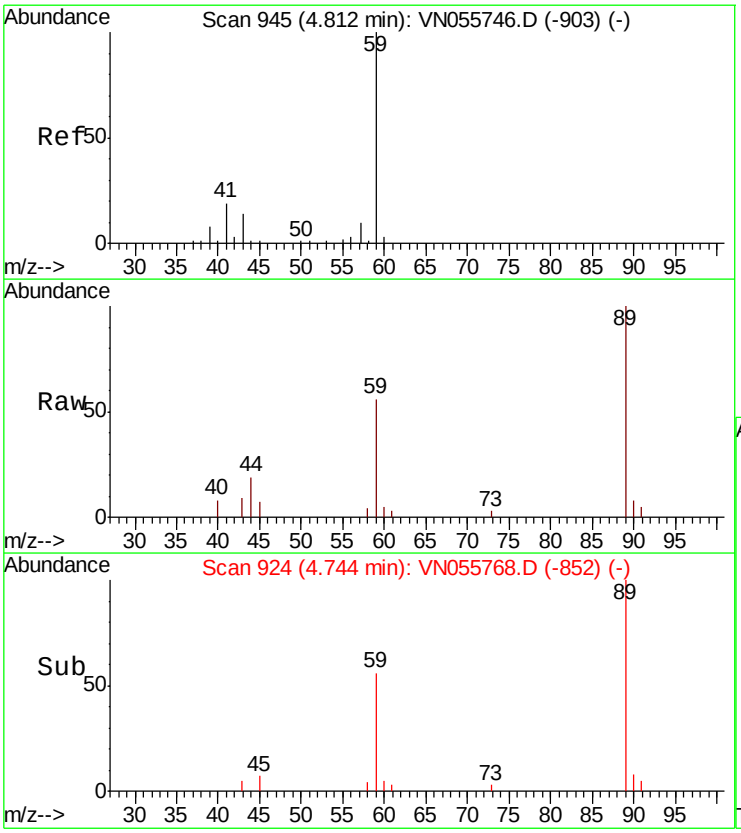
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:168 Resp: 449118

Ion	Ratio	Lower	Upper
168	100		
99	44.0	37.2	55.8

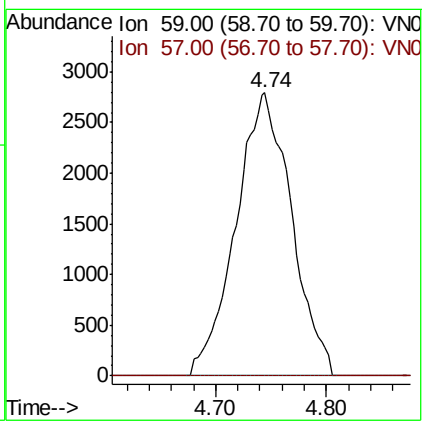


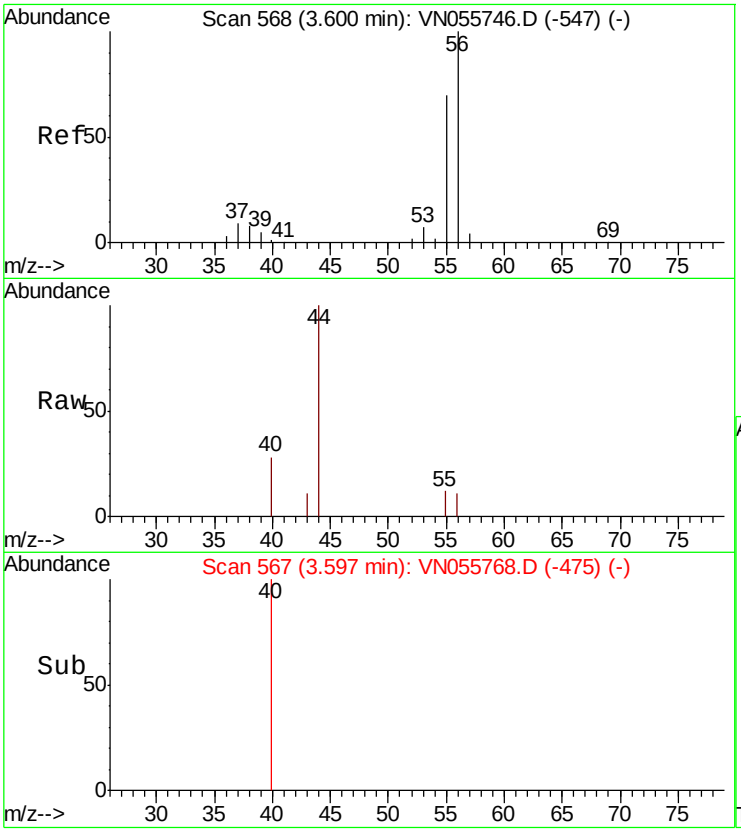


#11
Tert butyl alcohol
Concen: 11.045 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.07 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 59 Resp: 9788

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



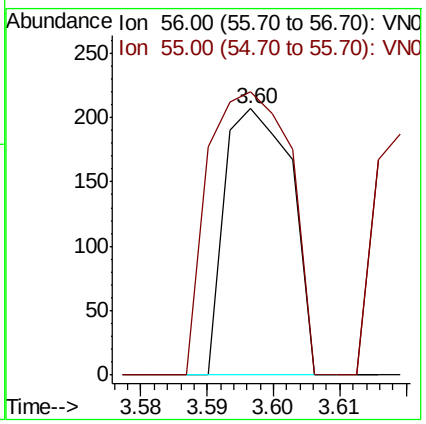


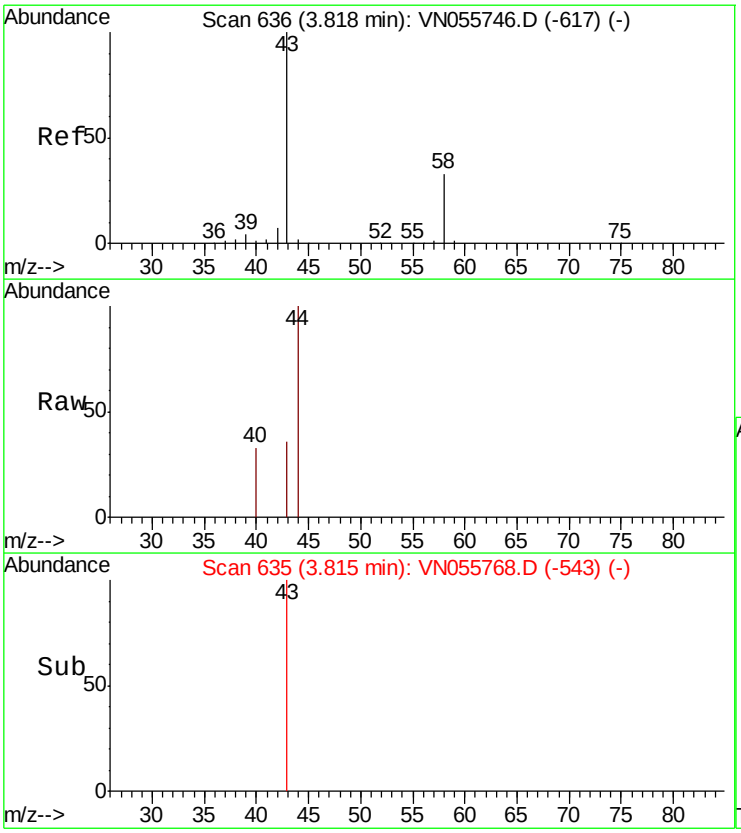
#13
Acrolein
Concen: 0.229 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 56 Resp: 145

Ion	Ratio	Lower	Upper
56	100		
55	131.0	55.4	83.2#

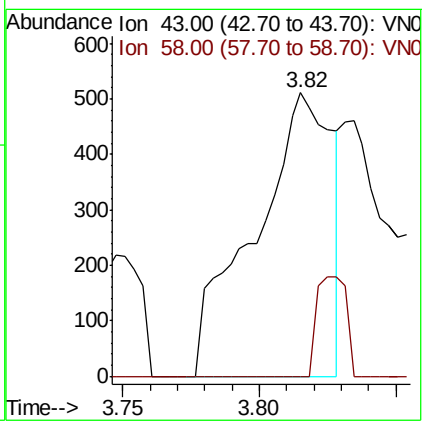


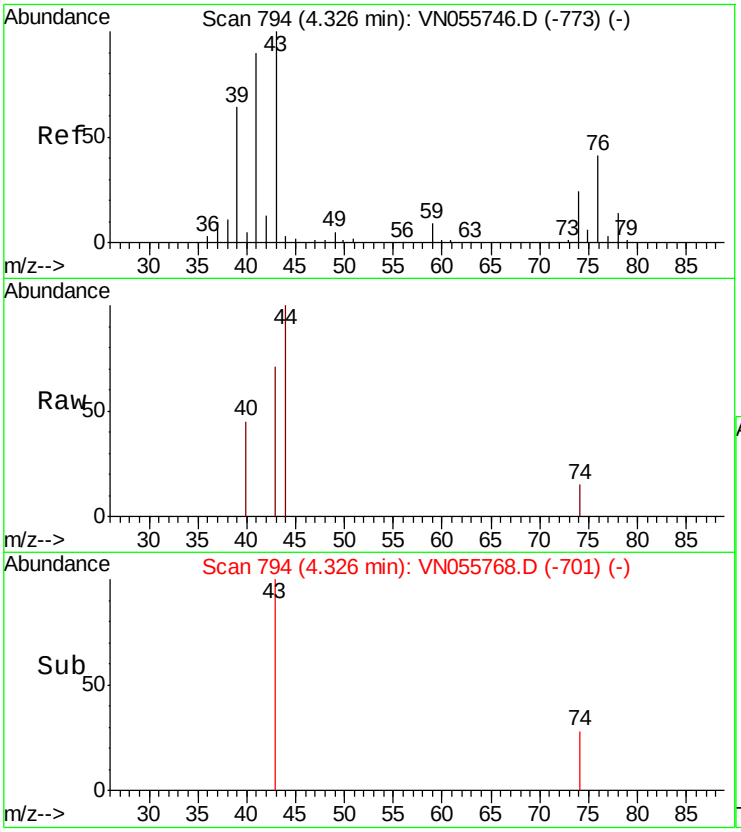


#16
Acetone
Concen: 0.494 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 43 Resp: 1008

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	39.8#



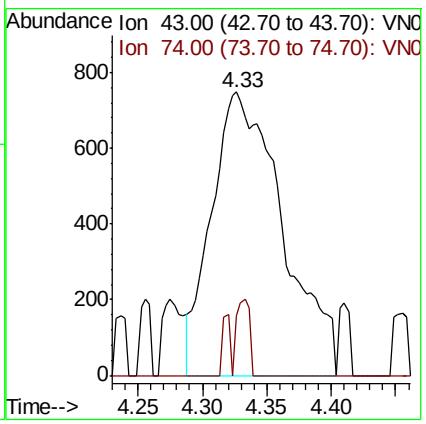


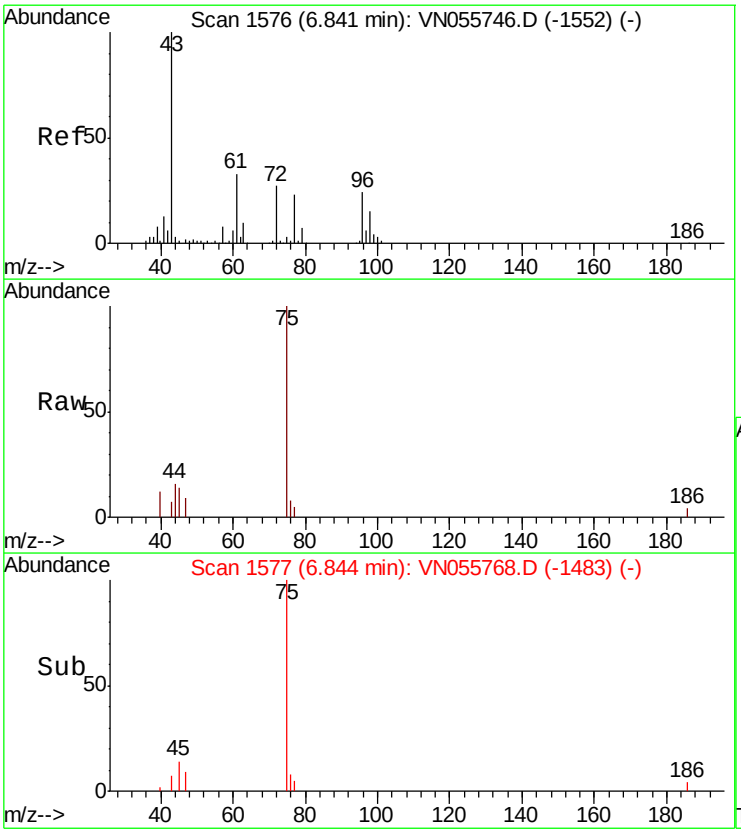
#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 43 Resp: 2863

Ion	Ratio	Lower	Upper
43	100		
74	4.9	19.3	28.9#

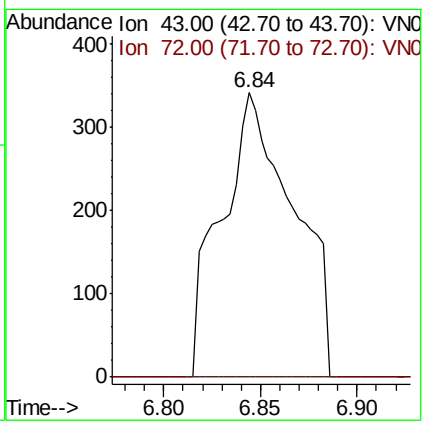


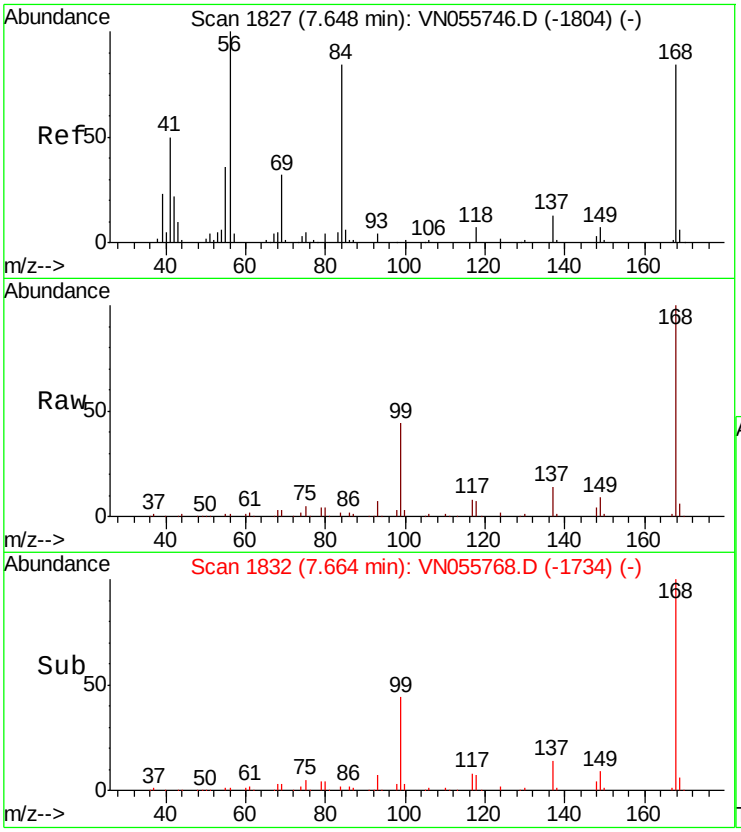


#25
2-Butanone
Concen: 0.312 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 43 Resp: 887

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.9	32.9#



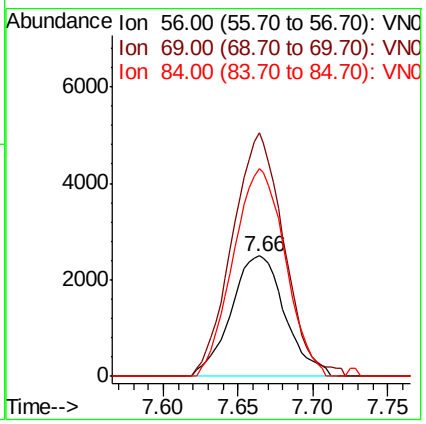


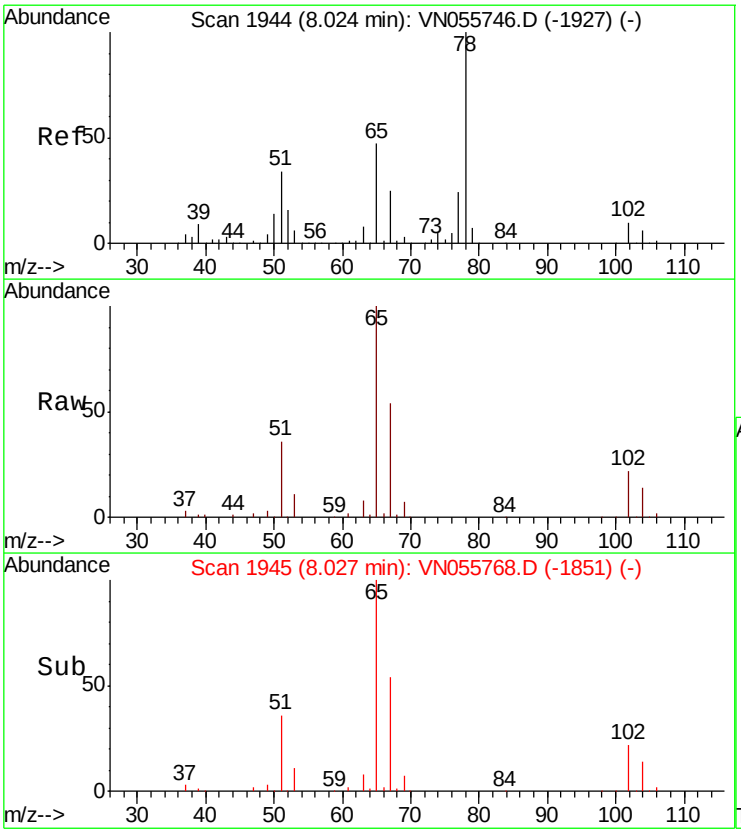
#31
Cyclohexane
Concen: 0.900 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion: 56 Resp: 6264

Ion	Ratio	Lower	Upper
56	100		
69	202.1	25.6	38.4#
84	172.4	67.4	101.0#

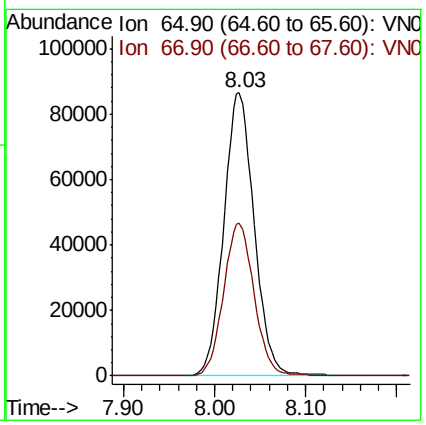


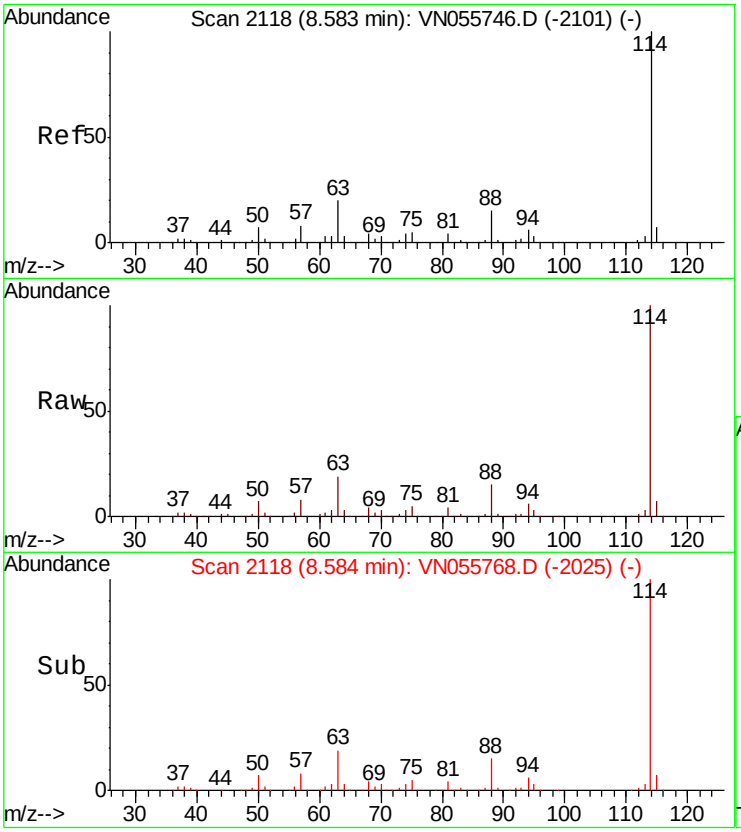


#33
1,2-Dichloroethane-d4
Concen: 43.305 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 65 Resp: 200856

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	109.2



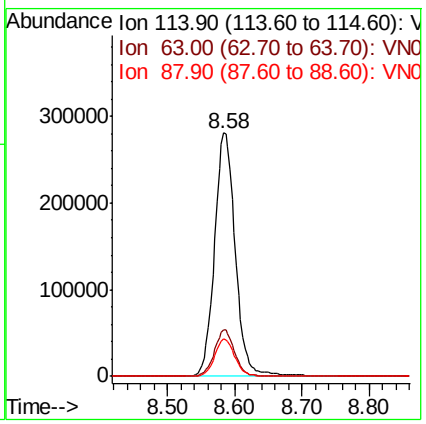


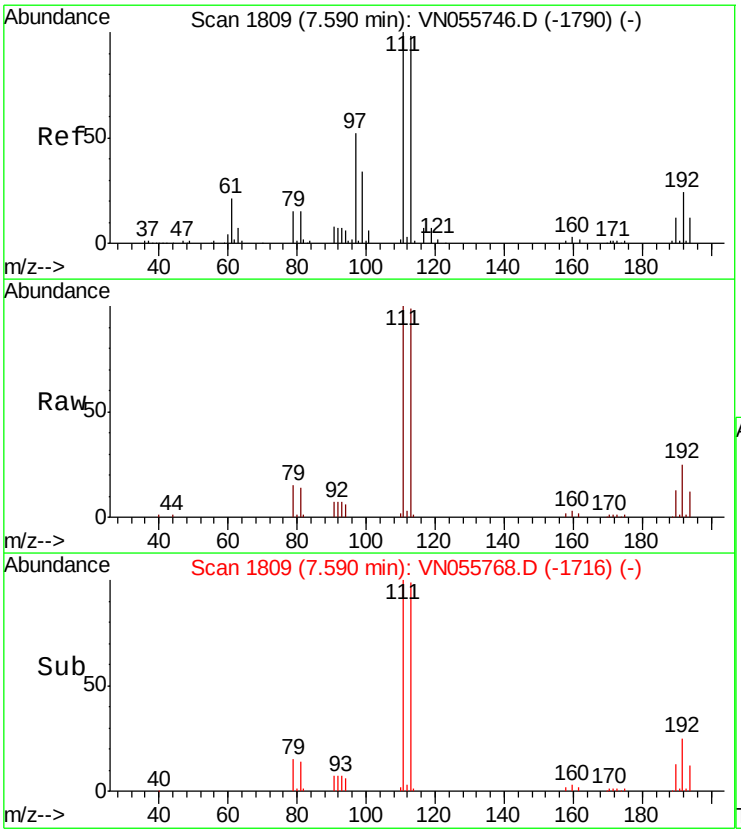
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:114 Resp: 606806

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

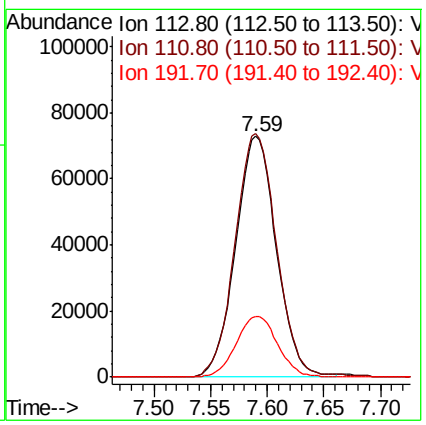


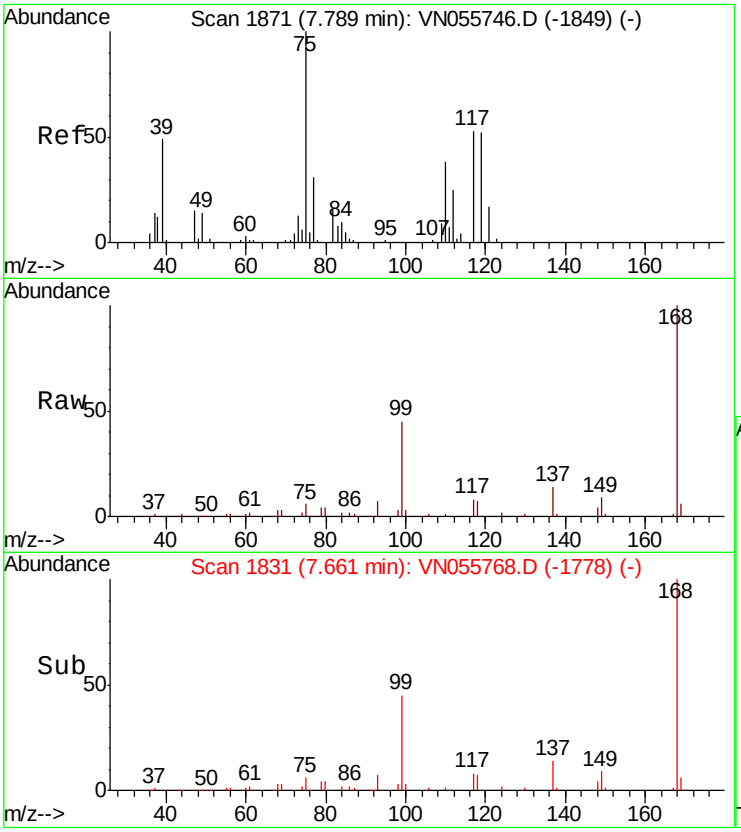


#35
Dibromofluoromethane
Concen: 47.662 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:113 Resp: 182854

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	25.7	19.5	29.3



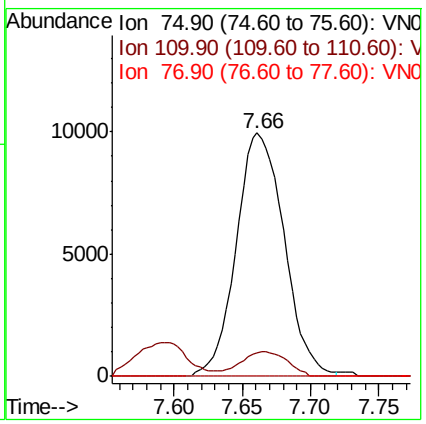


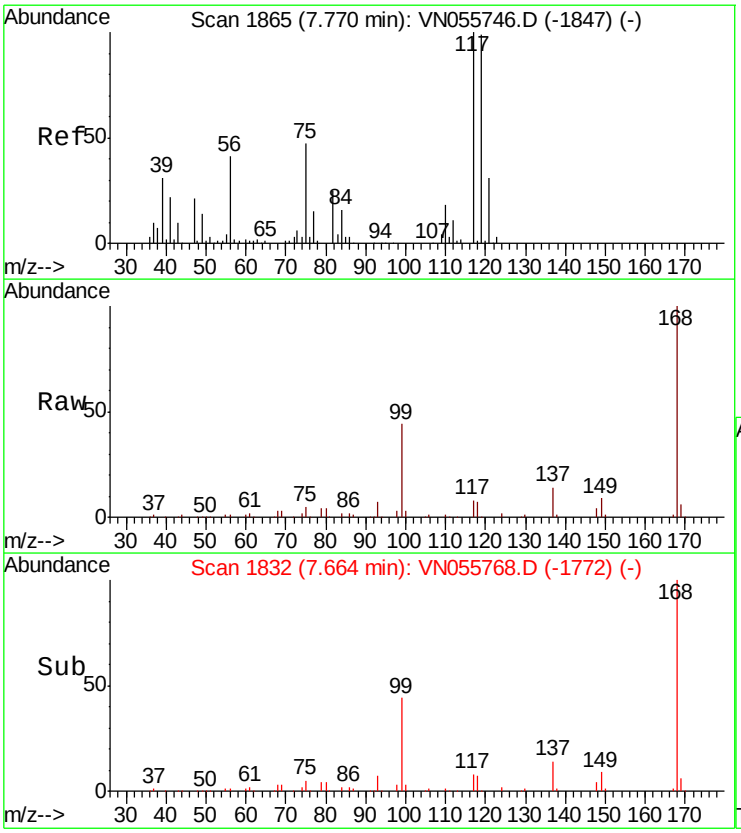
#36
1,1-Dichloropropene
Concen: 4.583 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 75 Resp: 24236

Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.0	57.0#
77	0.0	25.1	37.7#

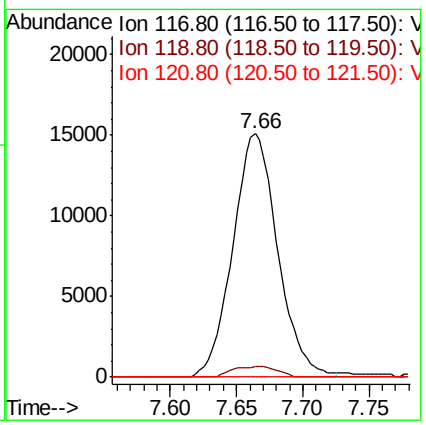


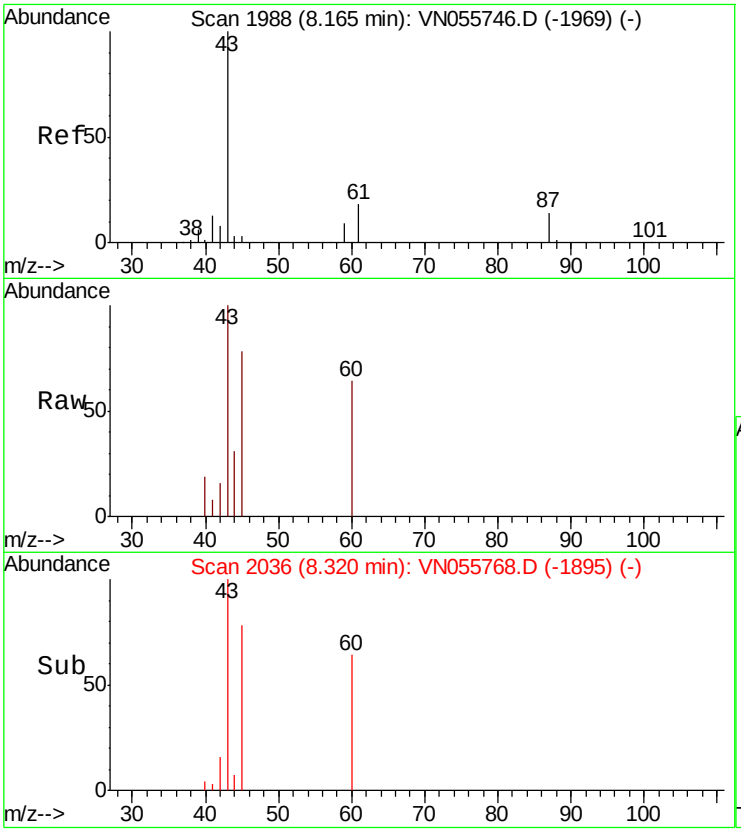


#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:117 Resp: 35463

Ion	Ratio	Lower	Upper
117	100		
119	4.2	79.0	118.6#
121	0.0	24.7	37.1#



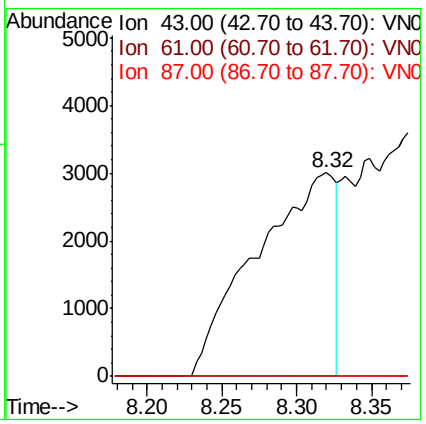


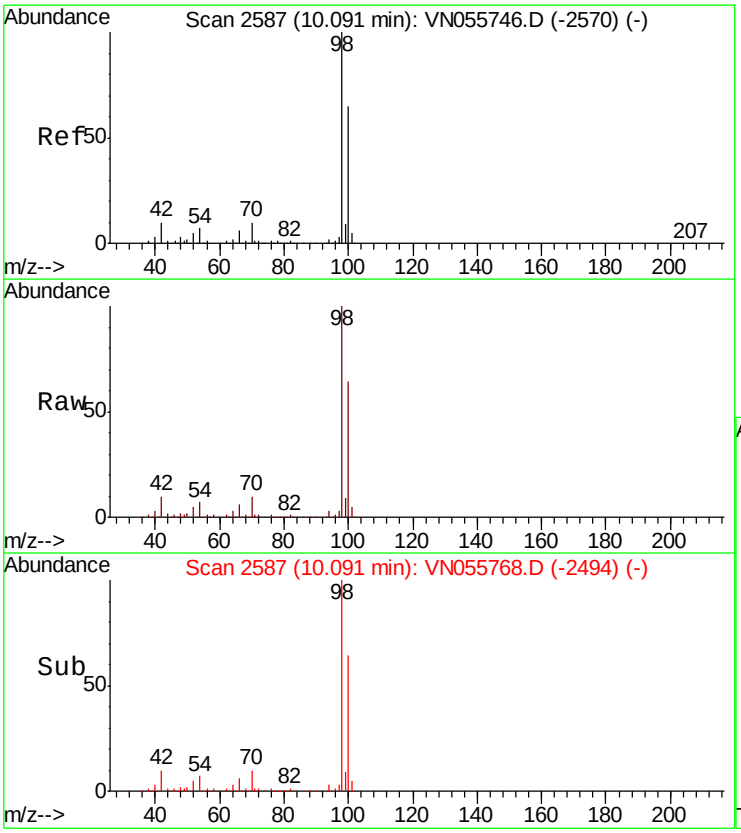
#43
Isopropyl Acetate
Concen: 1.280 ug/l
RT: 8.32 min Scan# 2036
Delta R.T. 0.15 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion: 43 Resp: 10988

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

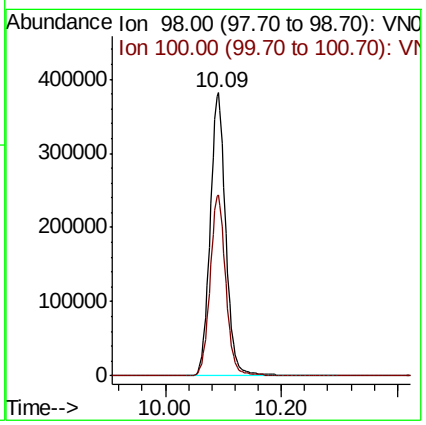


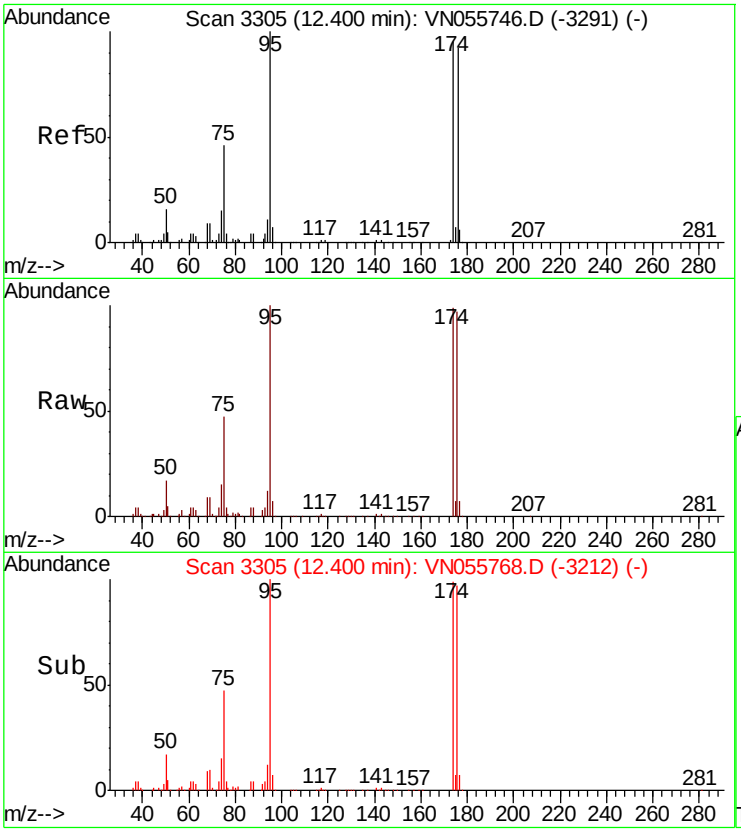


#50
Toluene-d8
Concen: 48.702 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 98 Resp: 716706

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.9	77.9



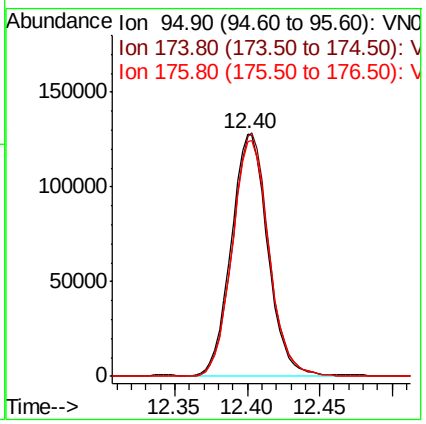


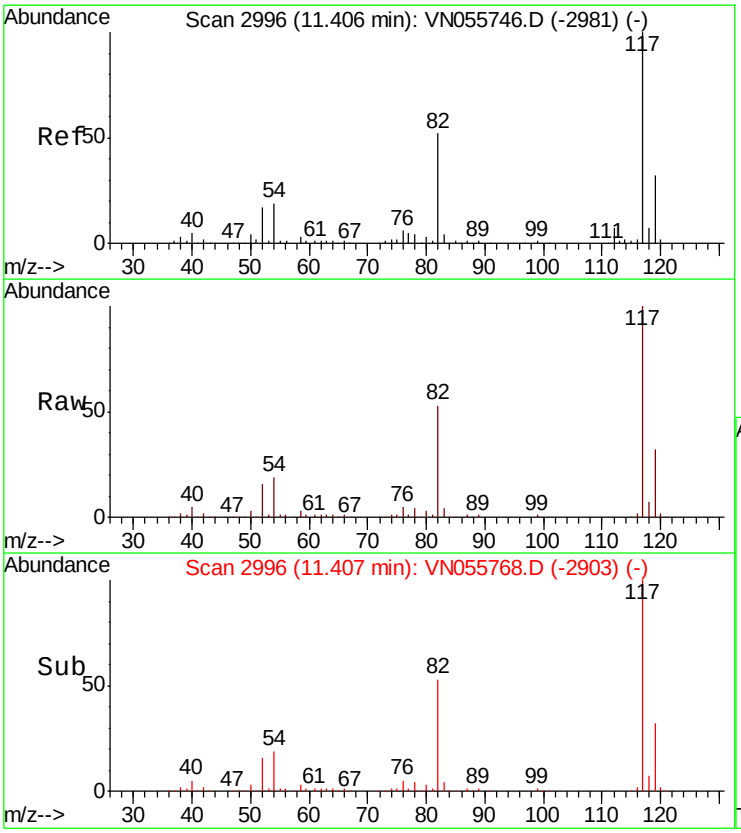
#62
4-Bromofluorobenzene
Concen: 44.158 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 95 Resp: 222824

Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	191.0
176	98.6	0.0	185.2

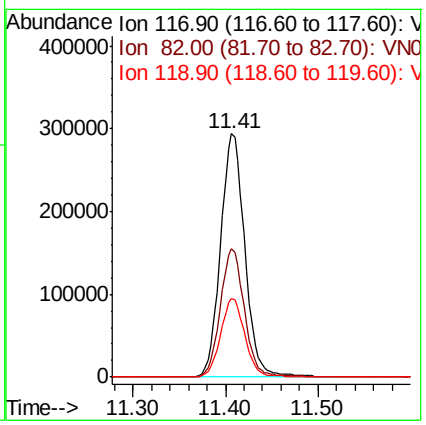


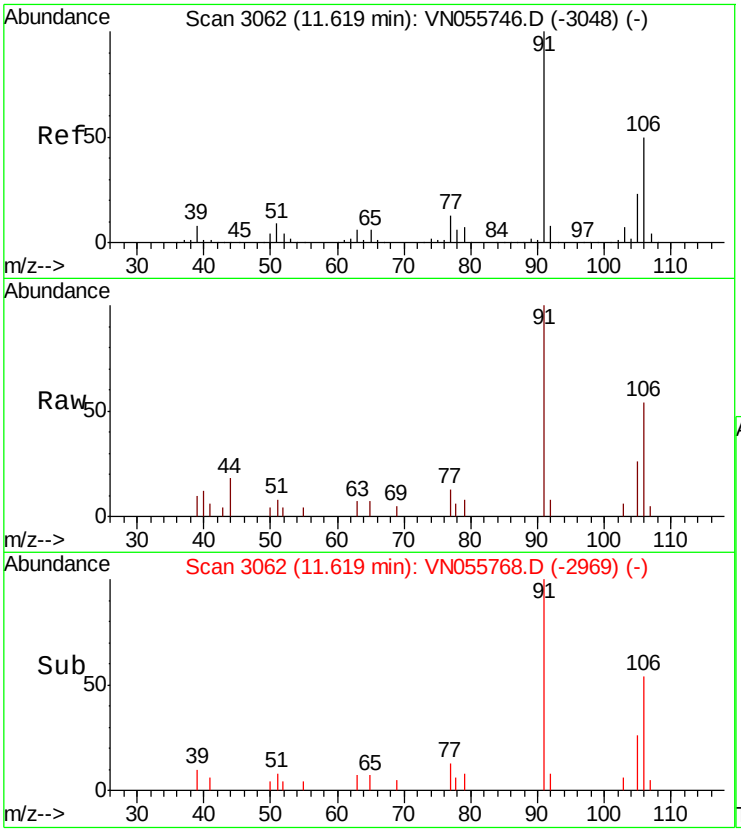


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:117 Resp: 533214

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.8
119	32.4	25.4	38.0



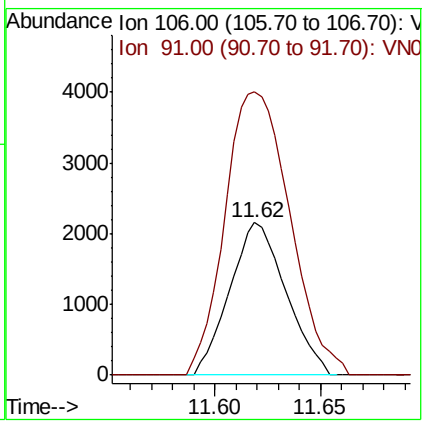


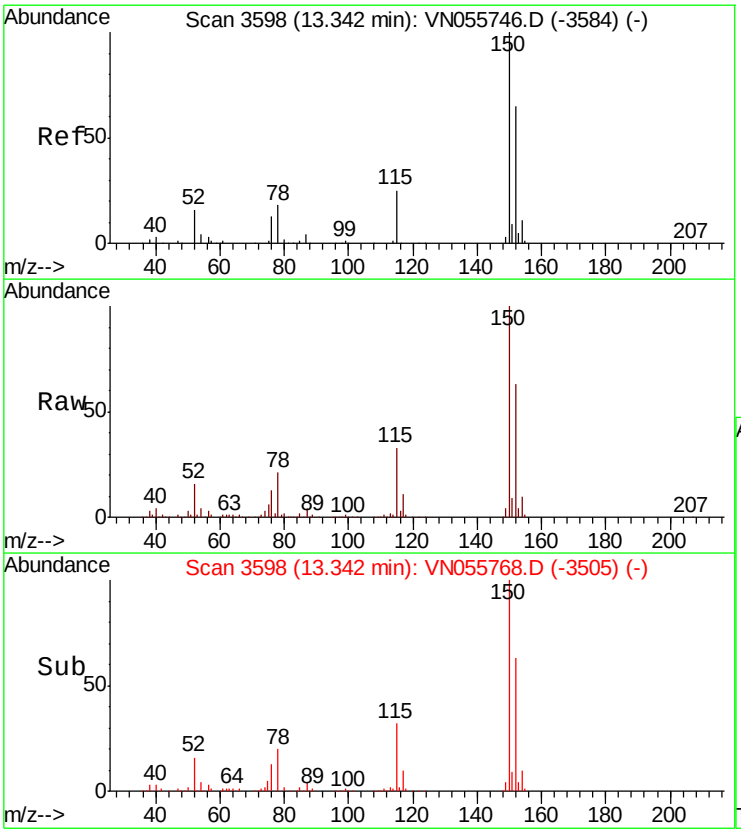
#68
m/p-Xylenes
Concen: 0.551 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:106 Resp: 3991

Ion	Ratio	Lower	Upper
106	100		
91	214.6	159.3	238.9

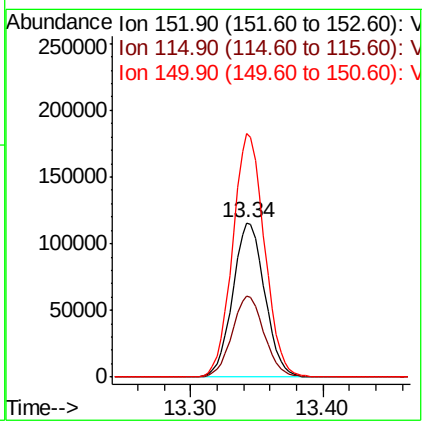


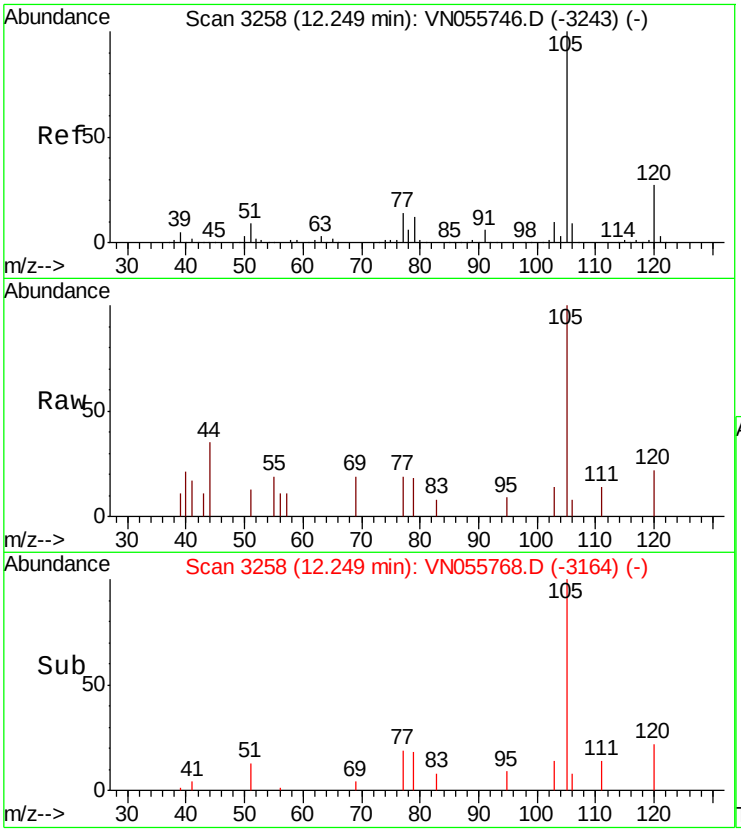


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:152 Resp: 193543

Ion	Ratio	Lower	Upper
152	100		
115	52.5	27.0	81.0
150	157.3	0.0	343.2



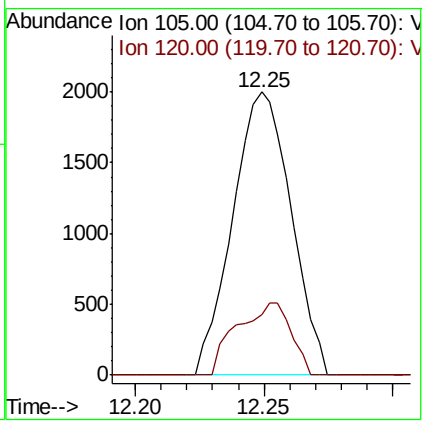


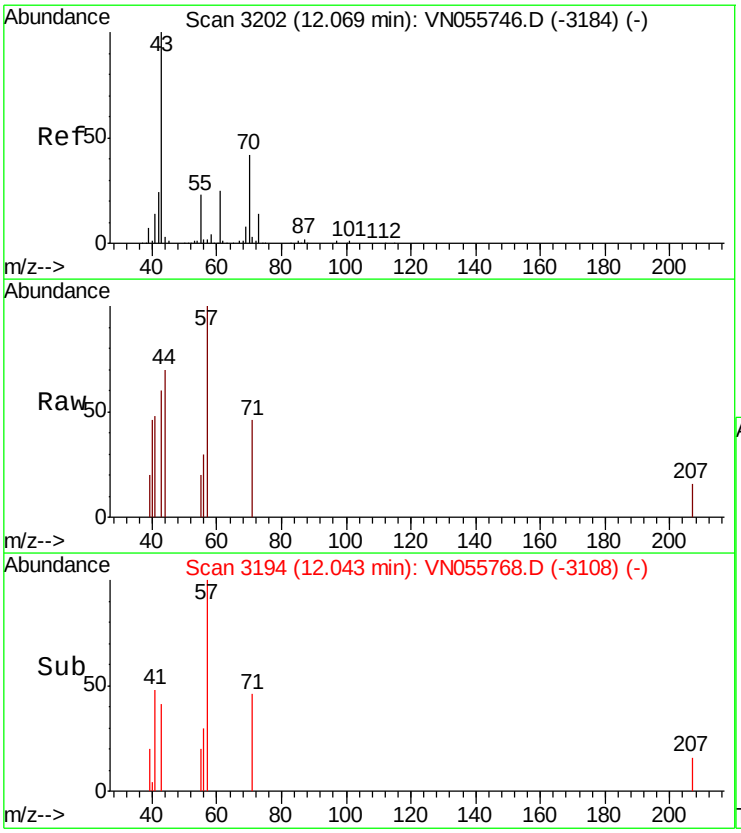
#73
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion:105 Resp: 3159

Ion	Ratio	Lower	Upper
105	100		
120	23.7	13.6	40.7

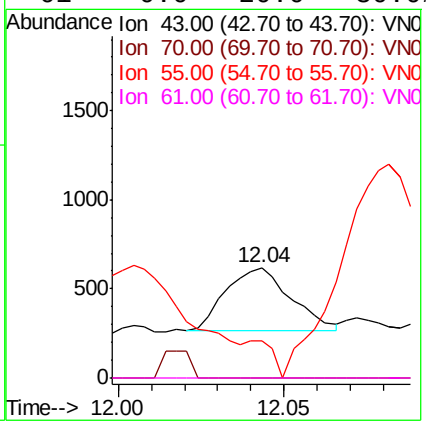


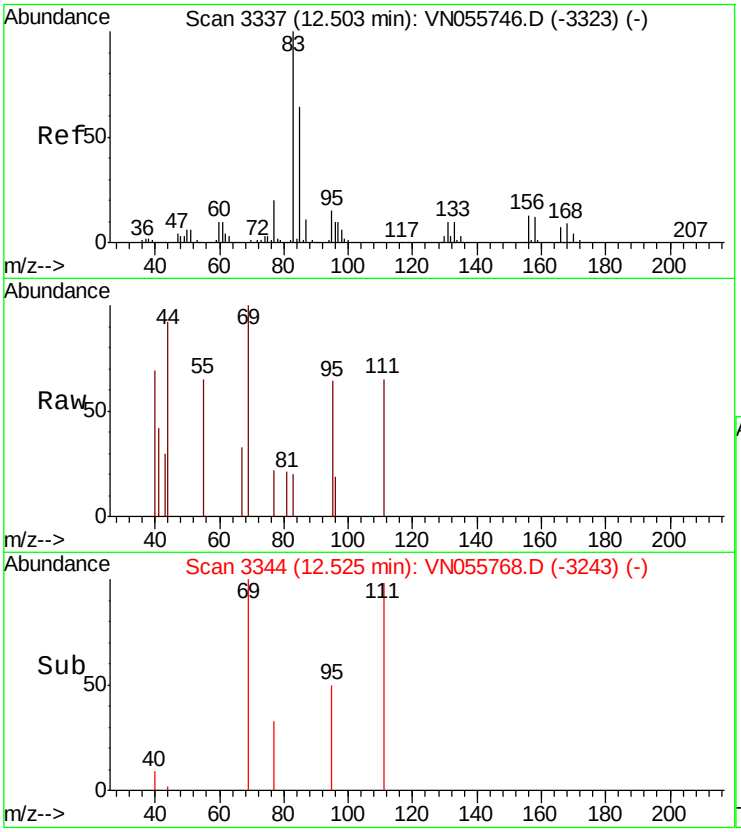


#74
N-amyl acetate
Concen: Below Cal
RT: 12.04 min Scan# 3194
Delta R.T. -0.02 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 43 Resp: 479

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#



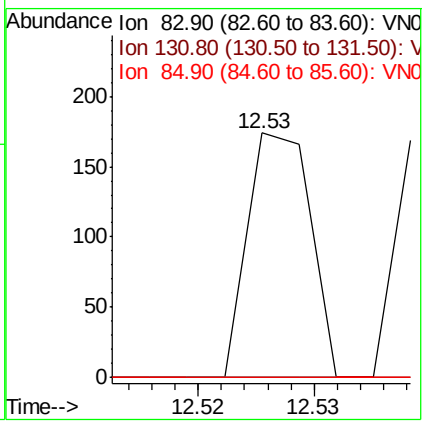


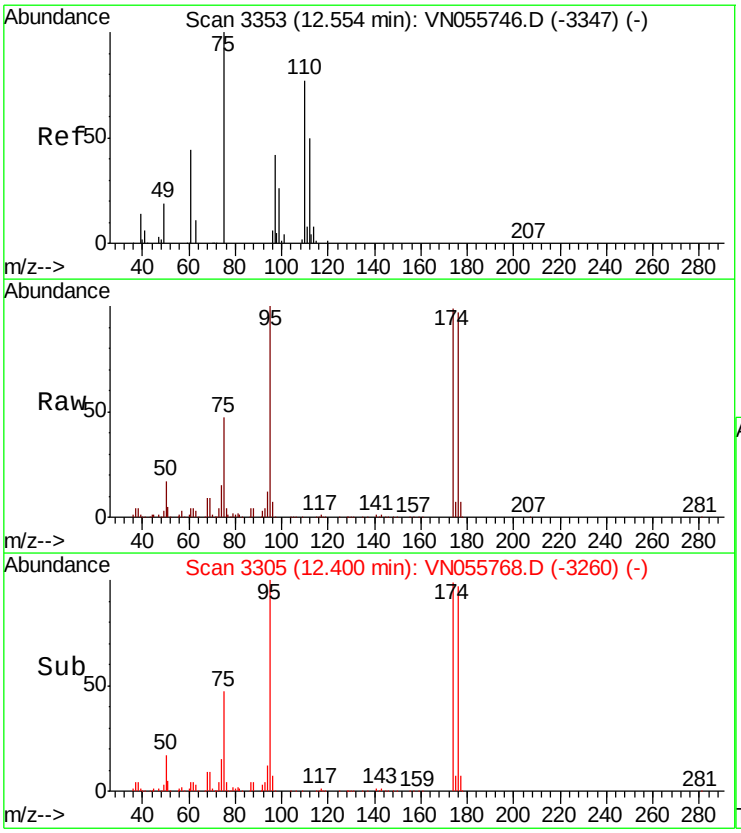
#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.53 min Scan# 3344
Delta R.T. 0.02 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion: 83 Resp: 66

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

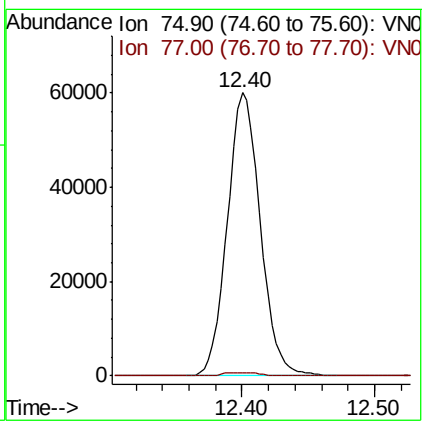


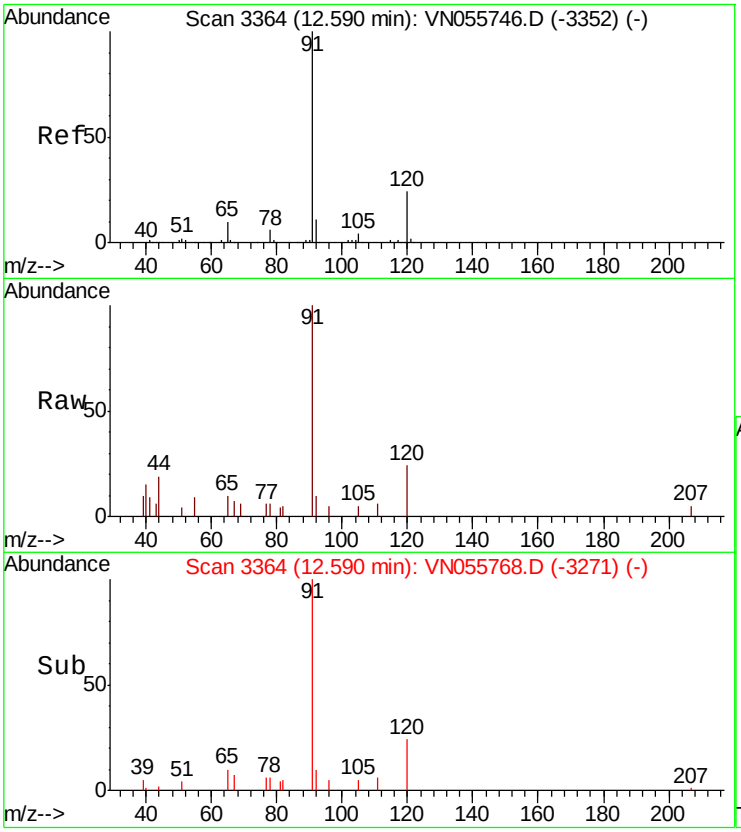


#76
1,2,3-Trichloropropane
Concen: 29.831 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 75 Resp: 103648

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



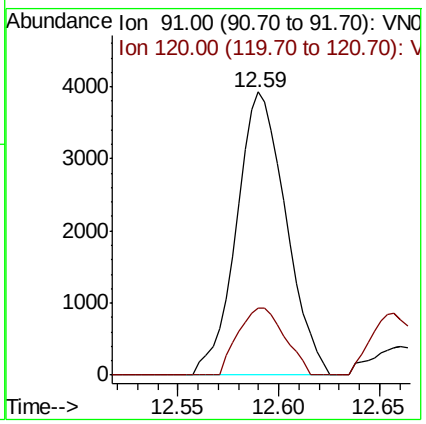


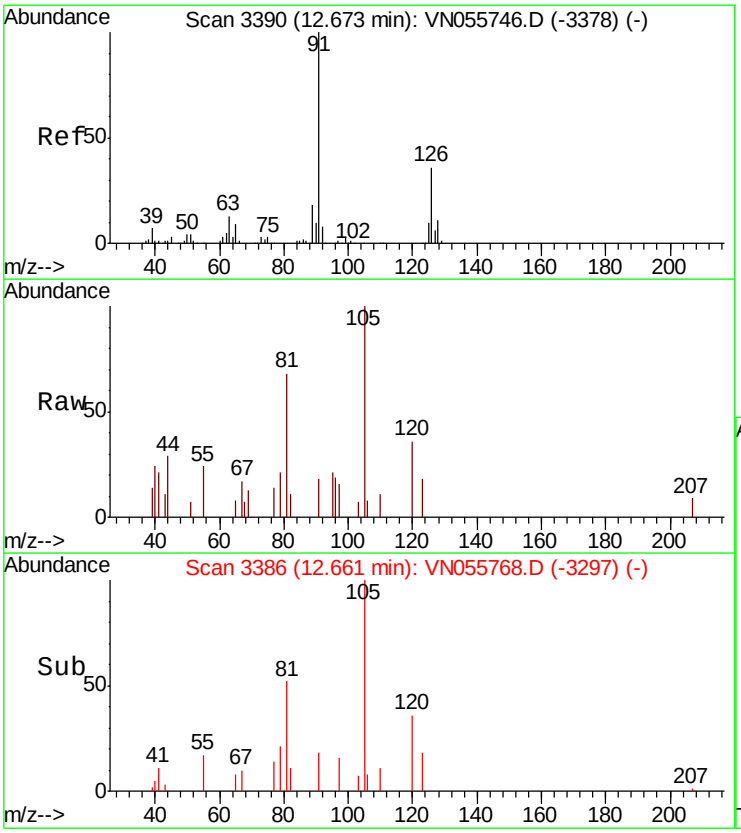
#78
n-propylbenzene
Concen: 0.400 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion: 91 Resp: 6732

Ion	Ratio	Lower	Upper
91	100		
120	22.4	12.0	36.0

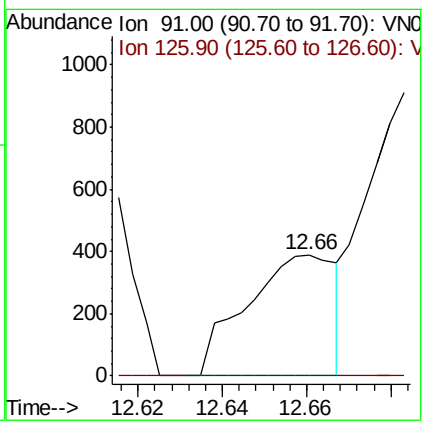


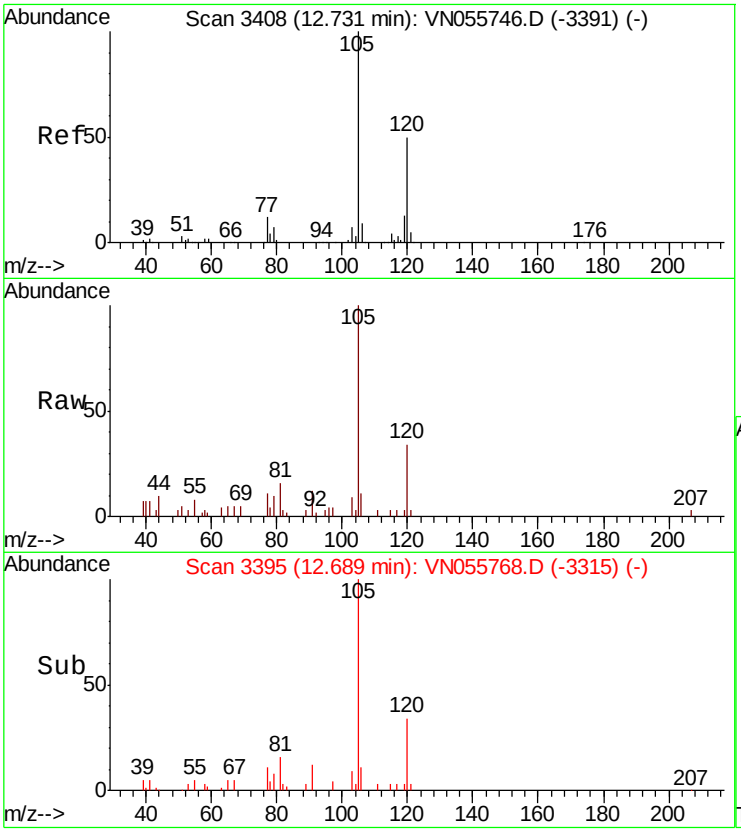


#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.66 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 91 Resp: 571

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.4#



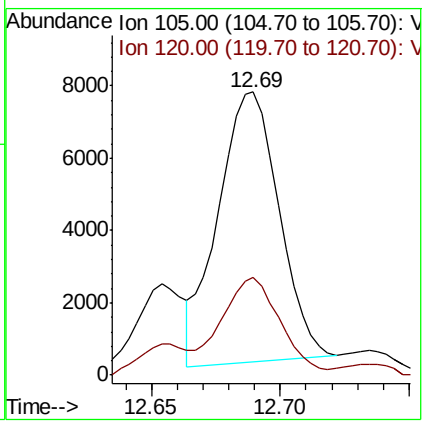


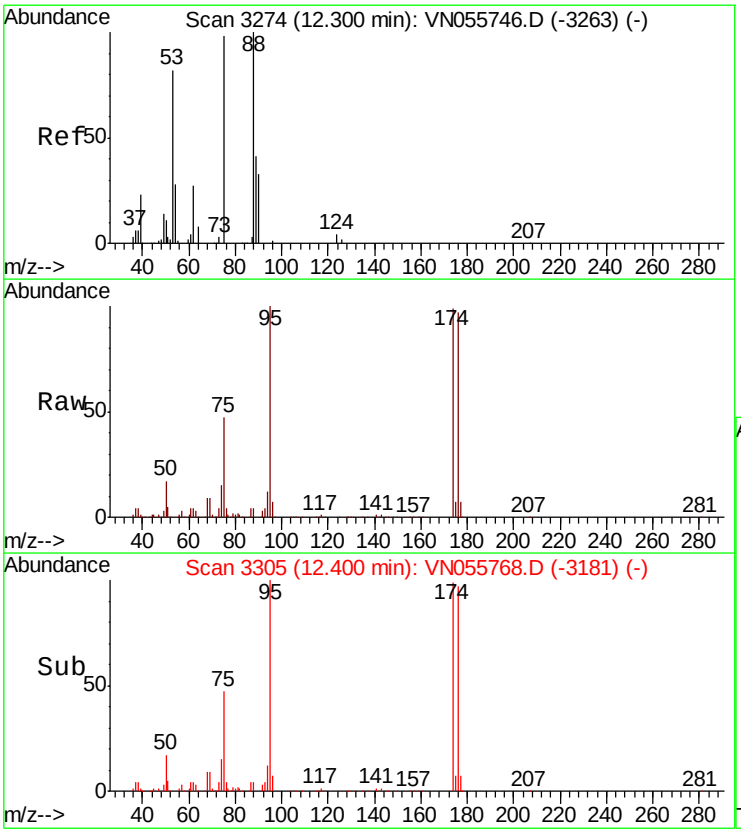
#80
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 12.69 min Scan# 3395
Delta R.T. -0.04 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:105 Resp: 12300

Ion	Ratio	Lower	Upper
105	100		
120	31.5	24.7	74.1

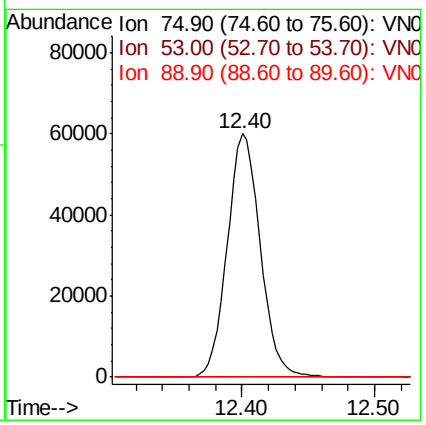


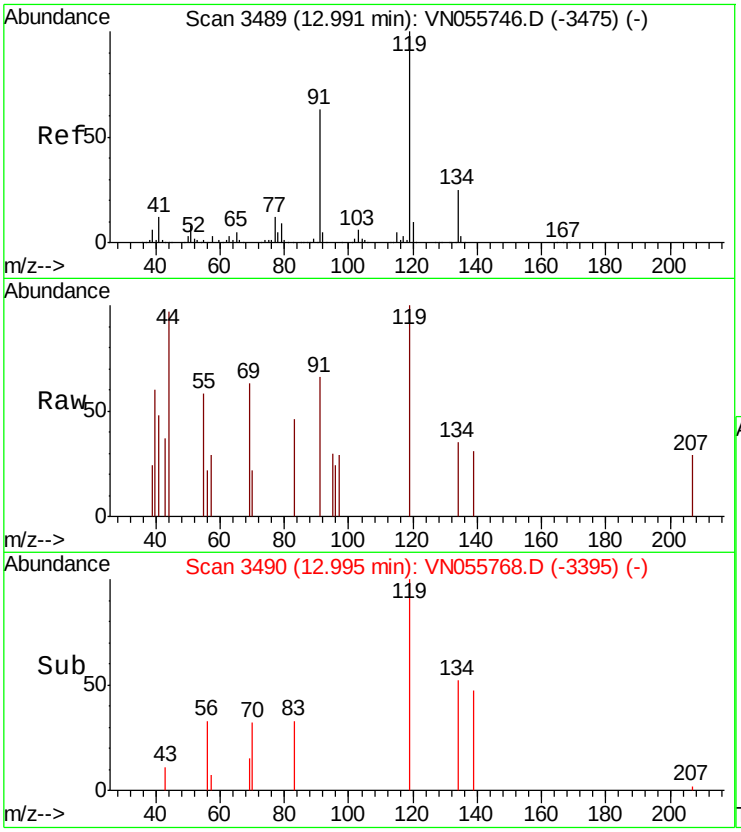


#81
trans-1,4-Dichloro-2-butene
Concen: 72.054 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion: 75 Resp: 103648

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



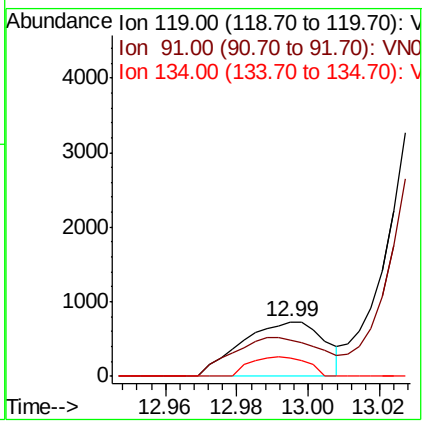


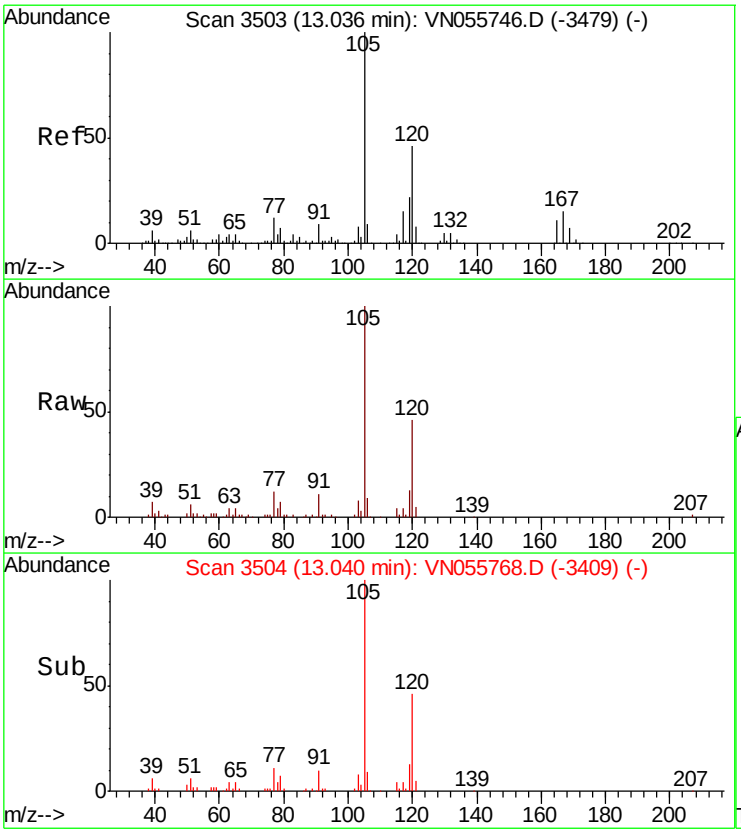
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument : MSVOA_N
ClientSampleId : EP1-W-2R(17-20)

Tgt Ion:119 Resp: 1175

Ion	Ratio	Lower	Upper
119	100		
91	75.2	30.9	92.8
134	24.4	13.3	39.8

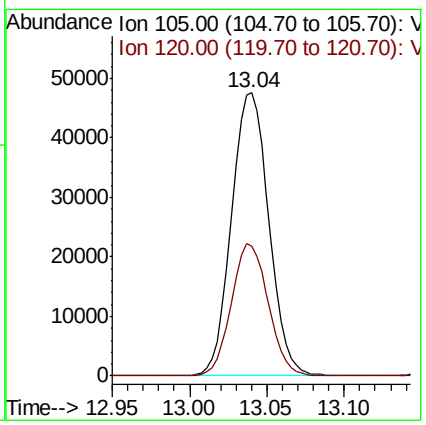


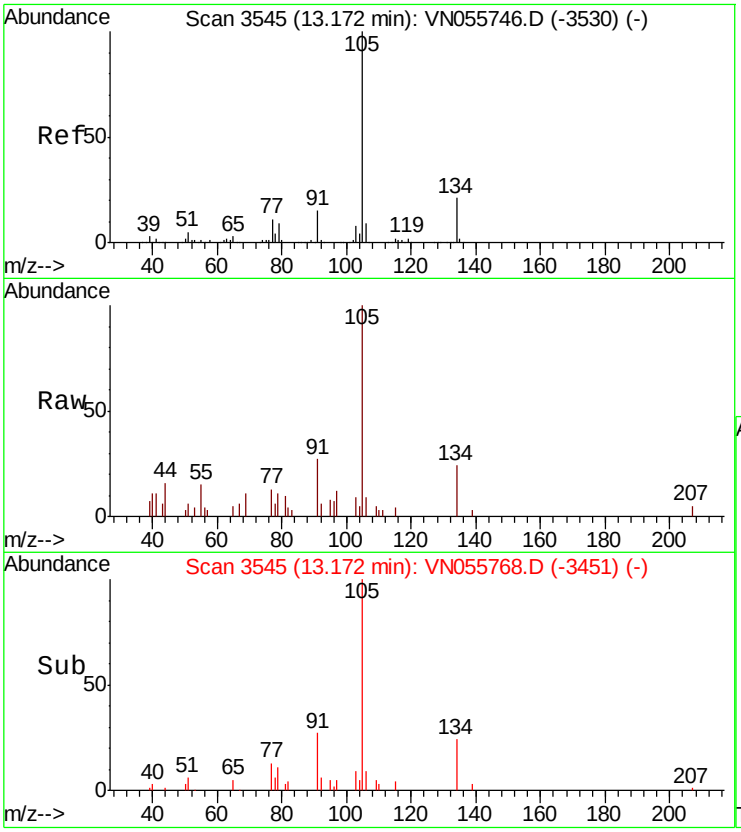


#84
1,2,4-Trimethylbenzene
Concen: 4.768 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:105 Resp: 79661

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0



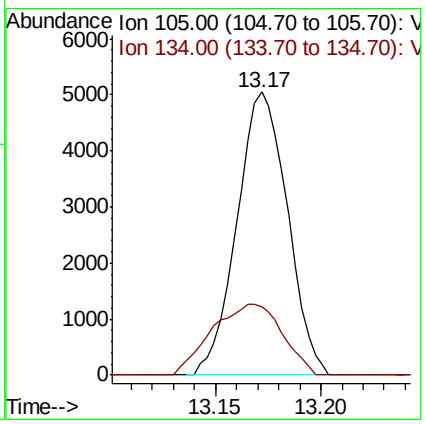


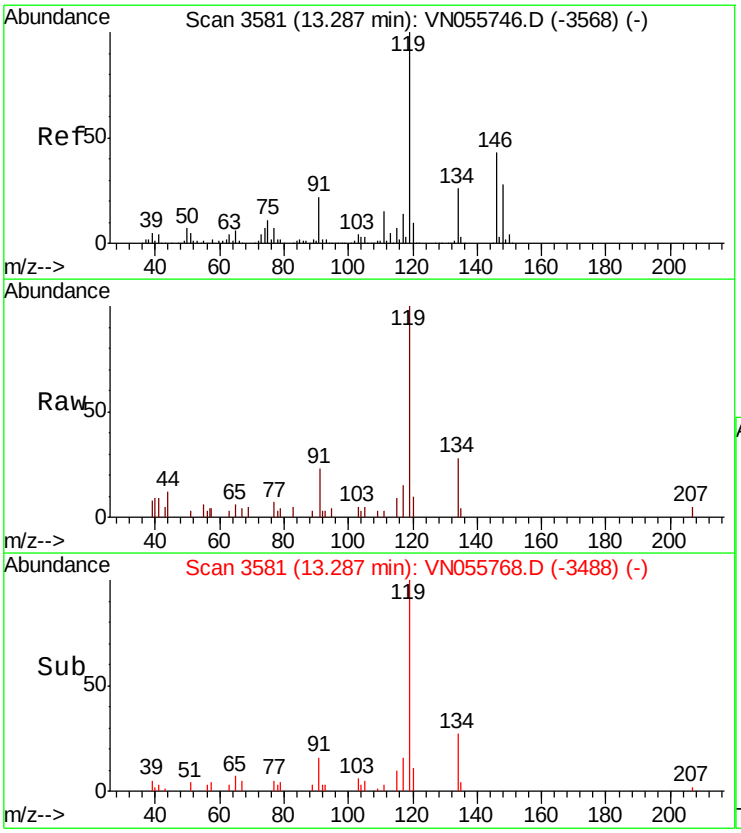
#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:105 Resp: 8395

Ion	Ratio	Lower	Upper
105	100		
134	35.1	10.4	31.2#

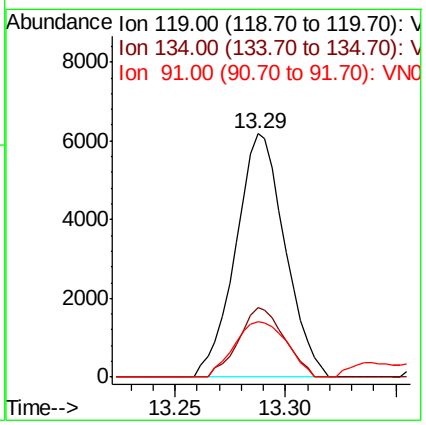


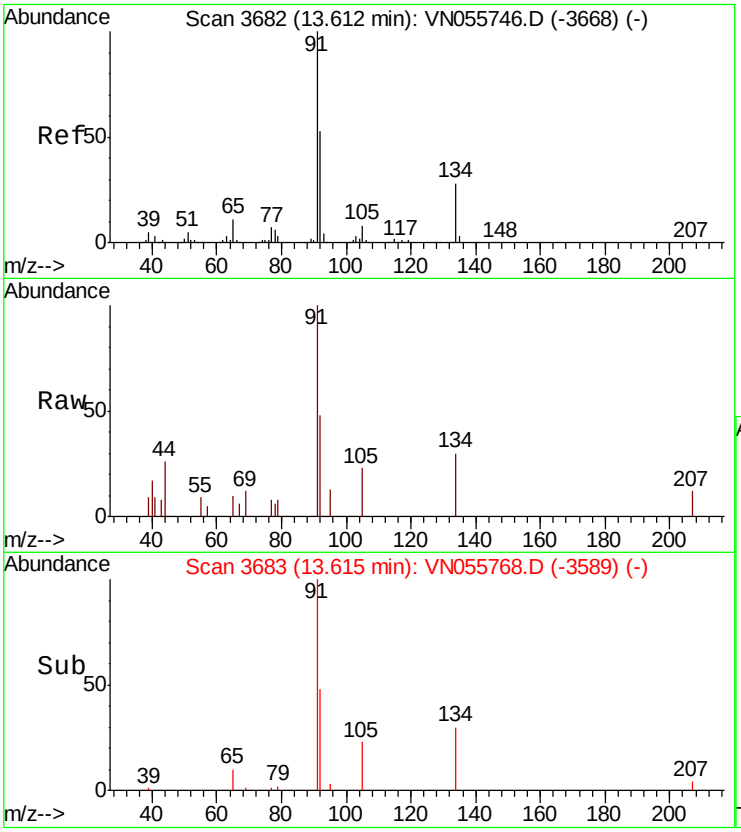


#86
p-Isopropyltoluene
Concen: 0.712 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:119 Resp: 9570

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.1
91	24.1	10.9	32.9



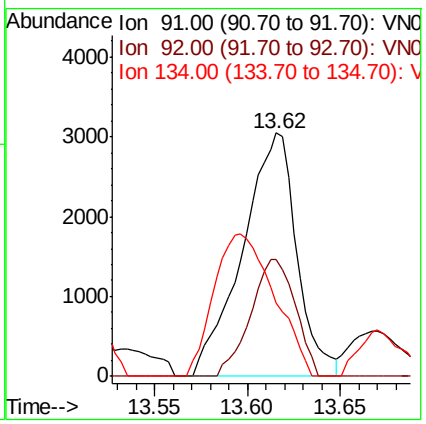


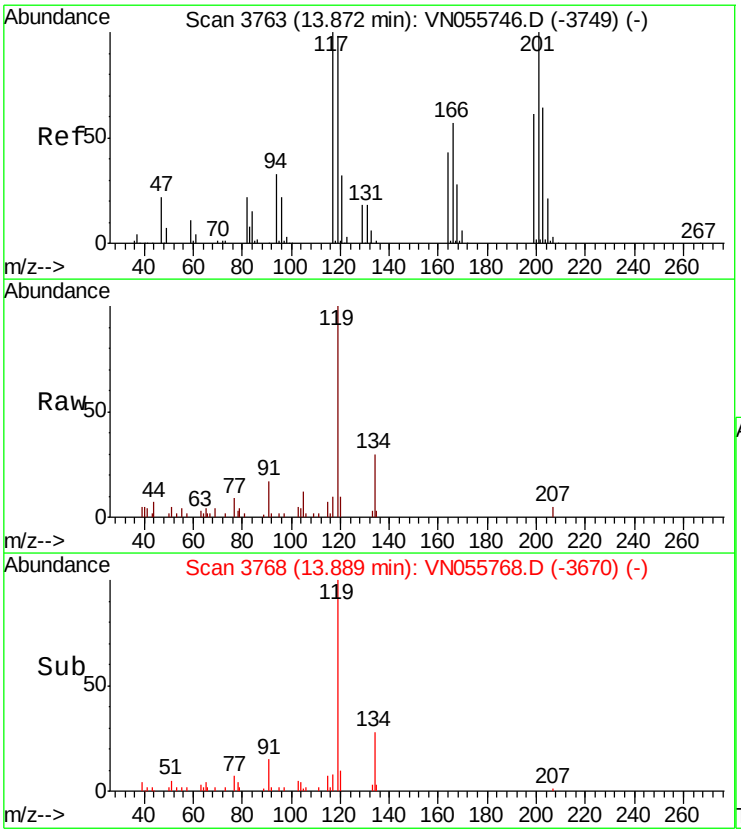
#89
n-Butylbenzene
Concen: 0.603 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion: 91 Resp: 6215

Ion	Ratio	Lower	Upper
91	100		
92	39.5	26.4	79.0
134	64.5	13.9	41.7#

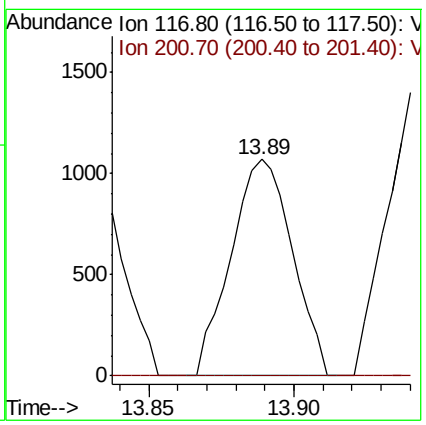


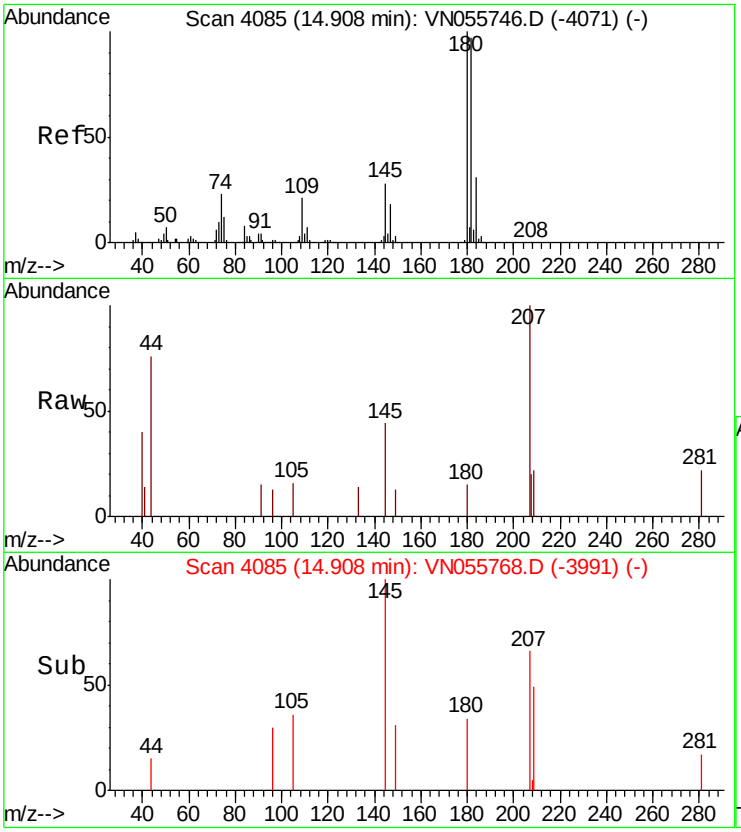


#90
Hexachloroethane
Concen: 0.617 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Tgt Ion:117 Resp: 1578

Ion	Ratio	Lower	Upper
117	100		
201	0.0	50.0	150.0#





#93
1,2,4-Trichlorobenzene
Concen: 3.669 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN055768.D
Acq: 23 May 2019 21:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-2R(17-20)

Tgt Ion:180 Resp: 130

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	924.6	14.0	41.9#