

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
 Data File : VN058380.D
 Acq On : 26 Sep 2019 13:07
 Operator : JC/SP
 Sample : K5037-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30445

Quant Time: Sep 27 02:33:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	484353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	800453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	684525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272029	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	342446	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	7.58	113	240675	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.09	98	982532	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.41	95	316347	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	

Target Compounds

					Qvalue
3) Chloromethane	2.03	50	525	Below Cal	# 42
4) Vinyl Chloride	2.17	62	139	Below Cal	# 43
5) Bromomethane	2.55	94	297	0.887	ug/l 96
6) Chloroethane	2.67	64	268	Below Cal	# 44
11) Tert butyl alcohol	4.76	59	8393	10.459	ug/l # 81
13) Acrolein	3.59	56	59	0.496	ug/l # 15
16) Acetone	3.80	43	41209	17.996	ug/l 94
17) Carbon Disulfide	4.02	76	1123	0.538	ug/l # 74
18) Methyl Acetate	4.30	43	4163	0.691	ug/l # 90
20) Methylene Chloride	4.53	84	45317	11.131	ug/l 99
21) trans-1,2-Dichloroethene	5.03	96	252	Below Cal	# 1
25) 2-Butanone	6.84	43	6123	1.963	ug/l 91
29) Tetrahydrofuran	7.19	42	401	0.209	ug/l # 35
31) Cyclohexane	7.65	56	11932	Below Cal	# 7
36) 1,1-Dichloropropene	7.65	75	41121	7.124	ug/l # 51
37) Ethyl Acetate	6.84	43	6123	1.022	ug/l # 70
38) Carbon Tetrachloride	7.65	117	50118	8.637	ug/l # 16
41) Methacrylonitrile	7.13	41	93	0.941	ug/l # 100
43) Isopropyl Acetate	8.15	43	87904	7.857	ug/l # 87
45) 1,2-Dichloropropane	9.27	63	1260	0.239	ug/l # 45
48) Methyl methacrylate	9.18	41	8737	1.720	ug/l # 55
51) 4-Methyl-2-Pentanone	9.98	43	19749	3.323	ug/l 97
52) Toluene	10.15	92	76253	6.901	ug/l 95
54) cis-1,3-Dichloropropene	9.90	75	32774	4.321	ug/l # 68
57) 1,3-Dichloropropane	10.76	76	3907	0.463	ug/l # 43
59) 2-Hexanone	10.76	43	65423	14.823	ug/l # 58
68) m/p-Xylenes	11.63	106	4552	0.586	ug/l 88
69) o-Xylene	11.95	106	1983	0.260	ug/l 96
71) Bromoform	12.39	173	77	3.617	ug/l # 29
74) N-amyl acetate	12.04	43	5433	0.763	ug/l # 45
75) 1,1,2,2-Tetrachloroethane	12.53	83	1375	0.241	ug/l # 58
76) 1,2,3-Trichloropropane	12.41	75	171386	35.203	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.41	75	171386	98.442	ug/l # 5
88) 1,4-Dichlorobenzene	13.37	146	1659	0.208	ug/l # 16

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

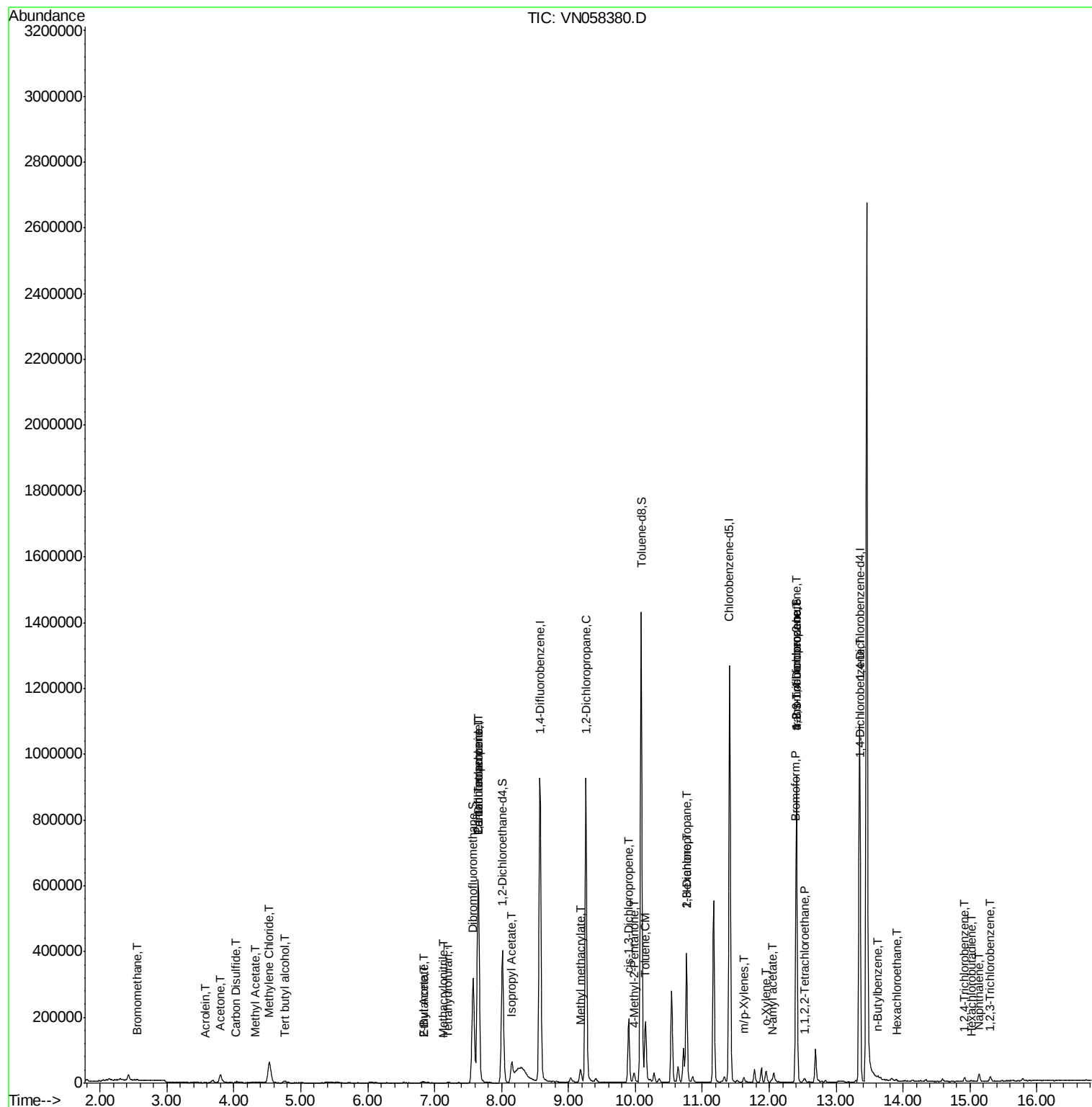
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.63	91	4674	0.330	ug/l	95
90) Hexachloroethane	13.90	117	284	2.925	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.92	180	3665	0.731	ug/l	97
94) Hexachlorobutadiene	15.02	225	547	0.226	ug/l	91
95) Naphthalene	15.14	128	17777	1.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	4340	0.916	ug/l	96

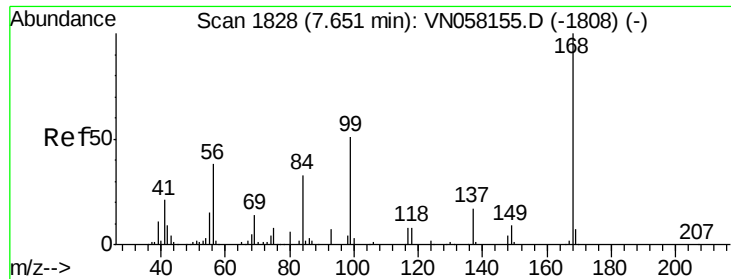
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092619\
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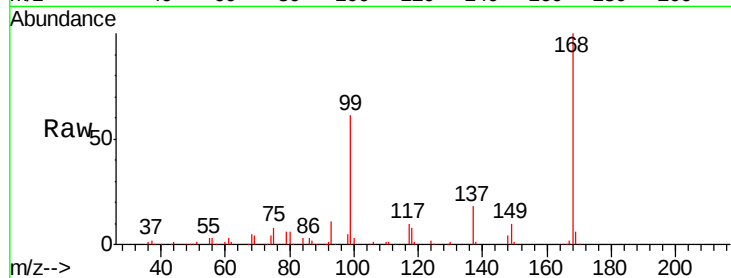




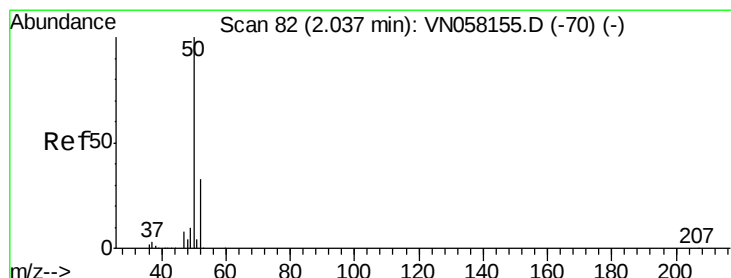
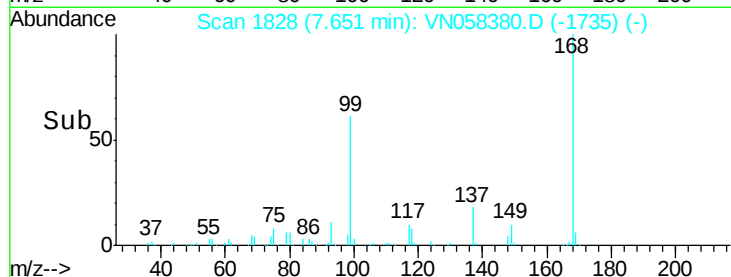
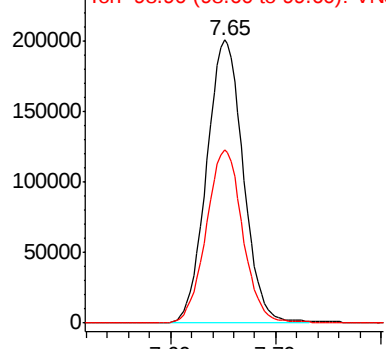
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Instrument :
MSVOA_N
ClientSampled :
30445

Tgt Ion: 168 Resp: 484353
Ion Ratio Lower Upper
168 100
99 61.3 47.4 71.2

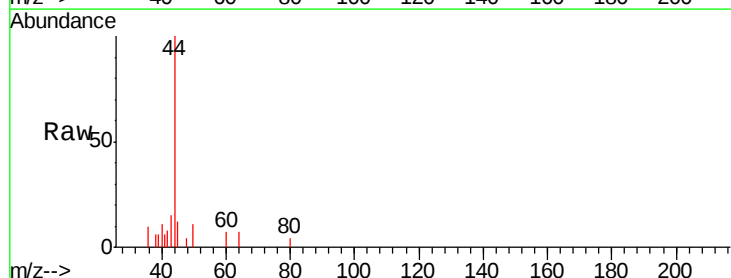


Abundance Ion 167.90 (167.60 to 168.60): V

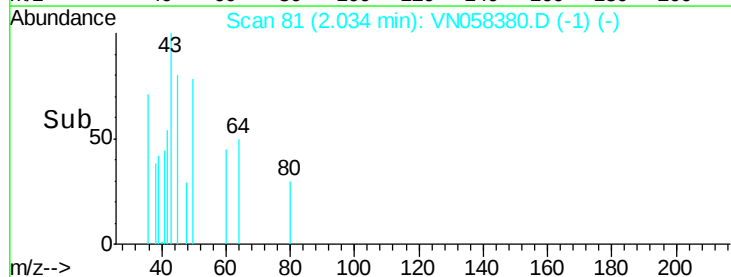
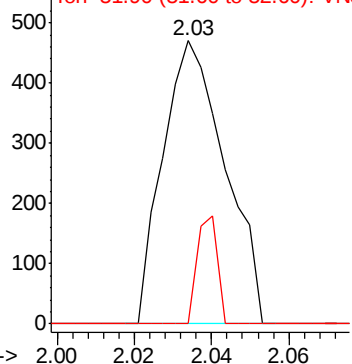


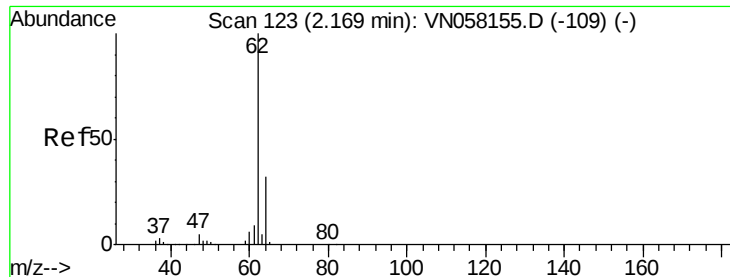
#3
Chloromethane
Concen: Below Cal
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN0





#4

Vinyl Chloride

Concen: Below Cal

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

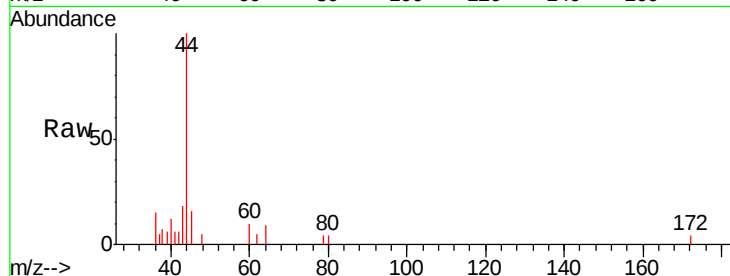
30445

Tgt Ion: 62 Resp: 139

Ion Ratio Lower Upper

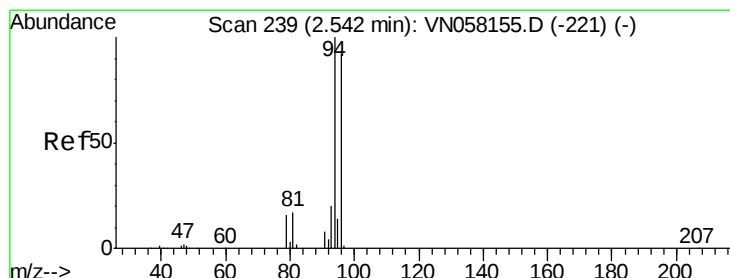
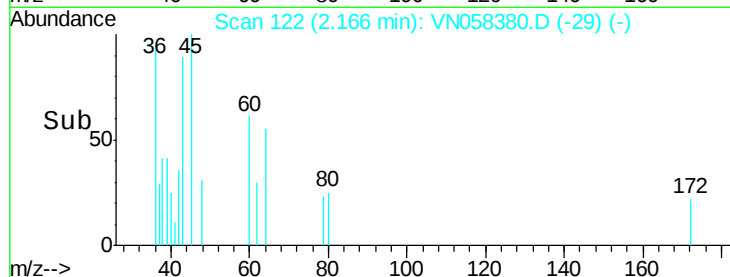
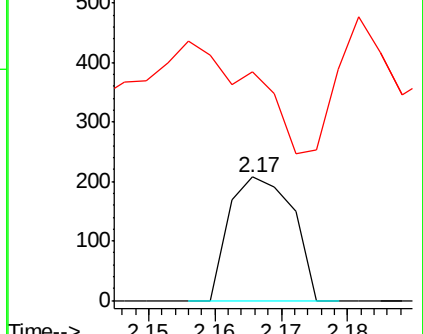
62 100

64 0.0 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



#5

Bromomethane

Concen: 0.887 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN058380.D

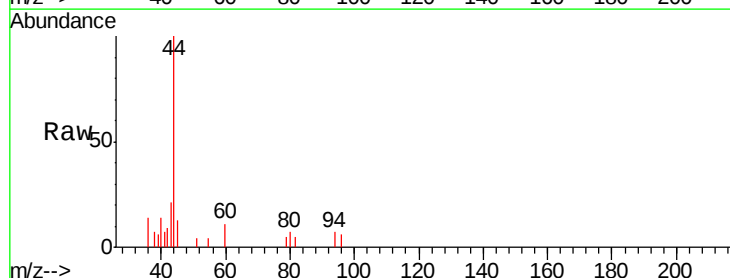
Acq: 26 Sep 2019 13:07

Tgt Ion: 94 Resp: 297

Ion Ratio Lower Upper

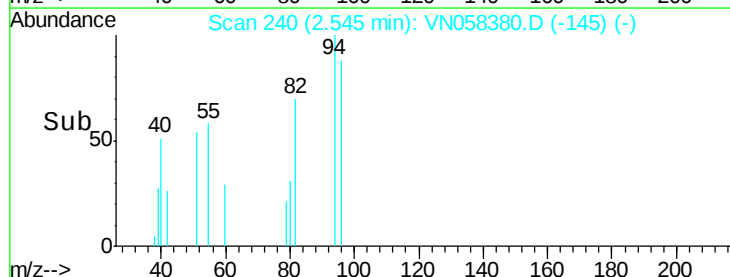
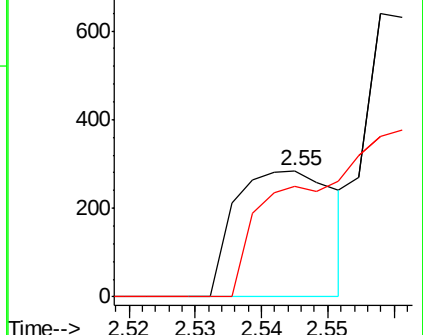
94 100

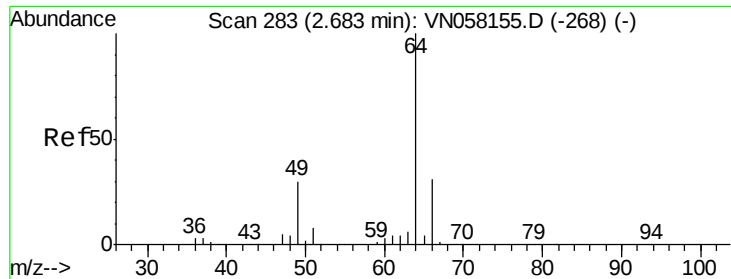
96 87.7 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#6

Chloroethane

Concen: Below Cal

RT: 2.67 min Scan# 280

Delta R.T. -0.01 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

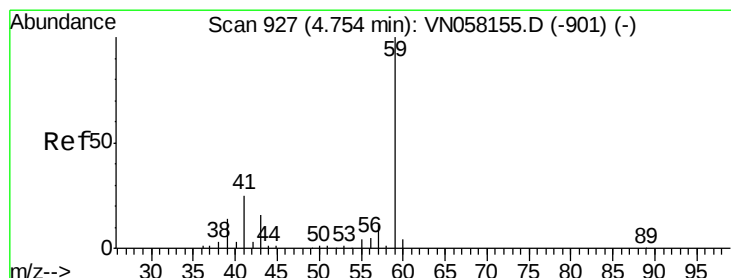
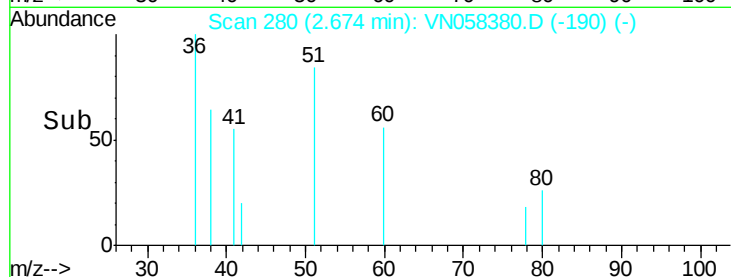
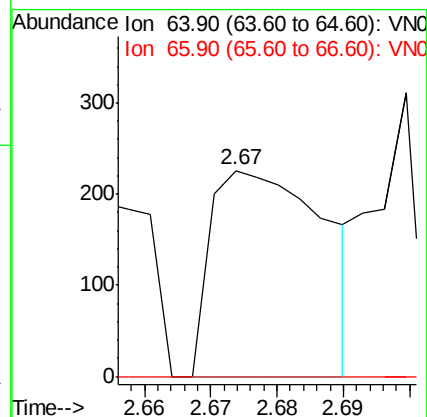
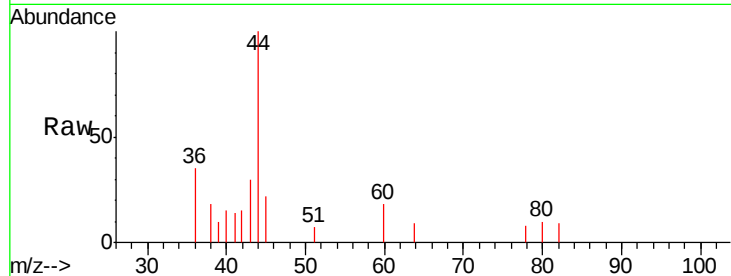
30445

Tgt Ion: 64 Resp: 268

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



#11

Tert butyl alcohol

Concen: 10.459 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058380.D

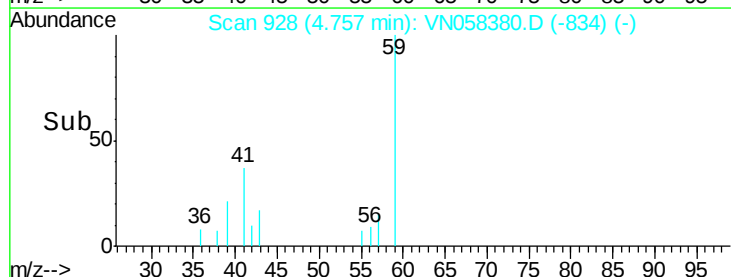
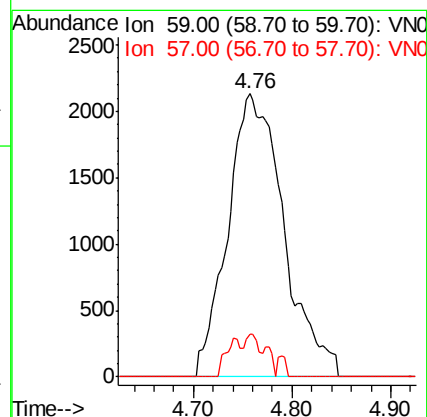
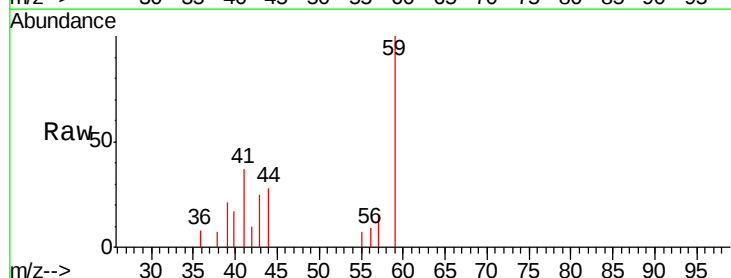
Acq: 26 Sep 2019 13:07

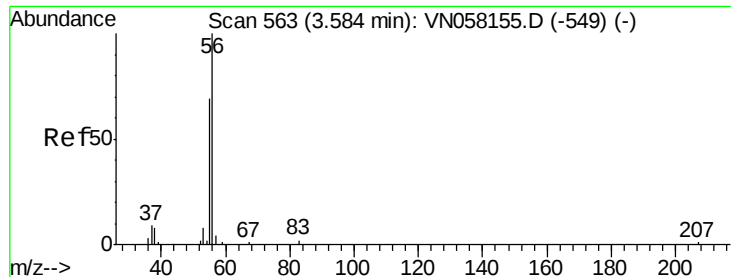
Tgt Ion: 59 Resp: 8393

Ion Ratio Lower Upper

59 100

57 3.6 8.6 13.0#





#13

Acrolein

Concen: 0.496 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

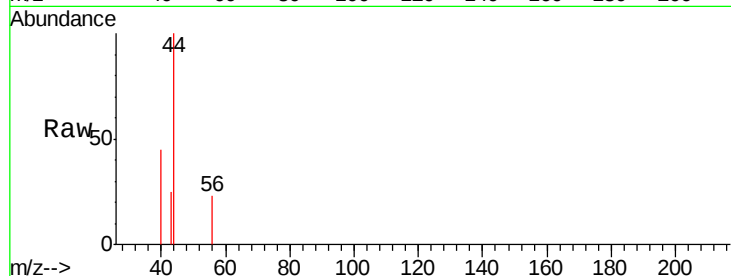
30445

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.59

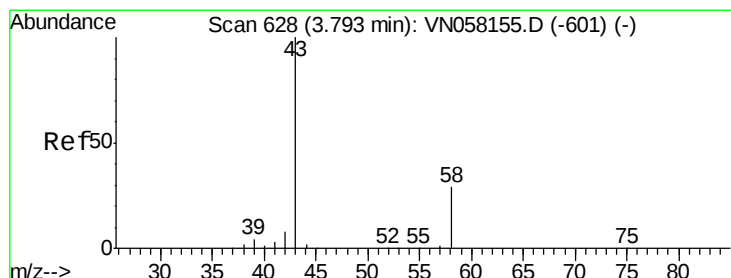
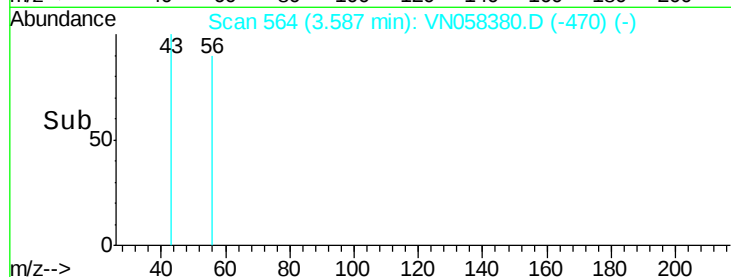
150

100

50

0

Time-->



#16

Acetone

Concen: 17.996 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058380.D

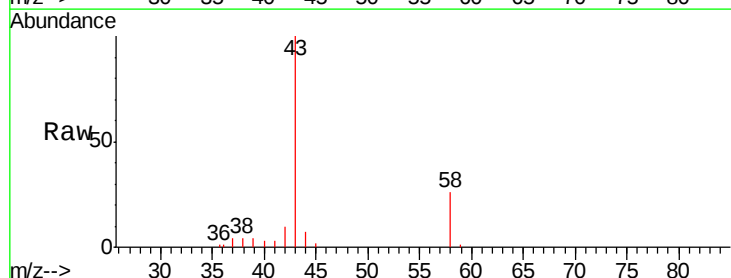
Acq: 26 Sep 2019 13:07

Tgt Ion: 43 Resp: 41209

Ion Ratio Lower Upper

43 100

58 25.8 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

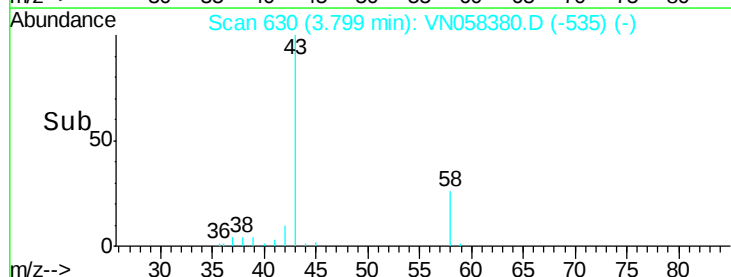
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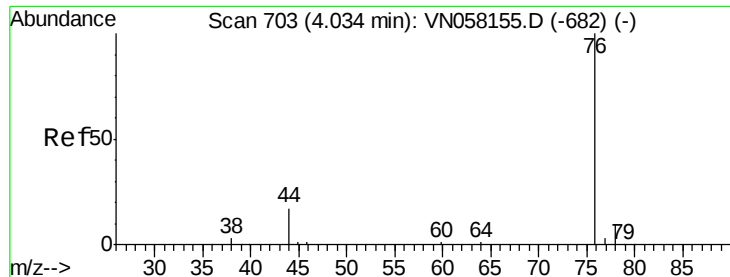
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5000

0

Time-->

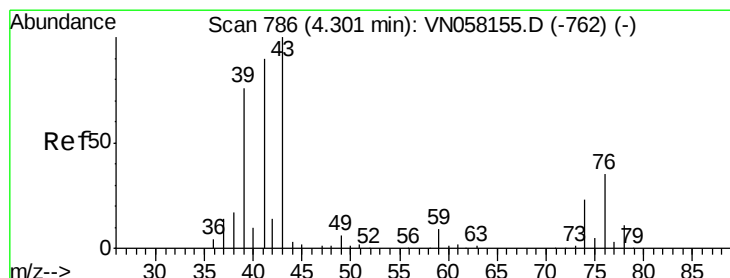
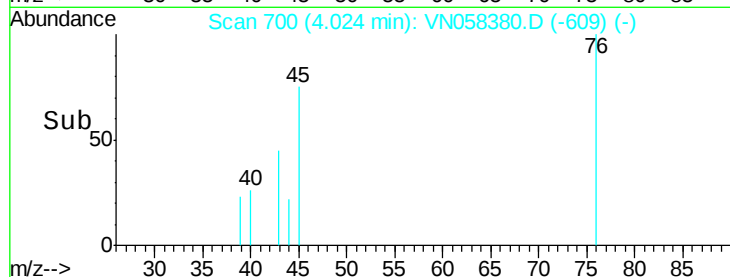
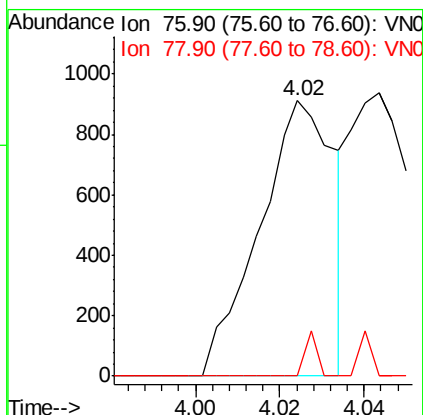
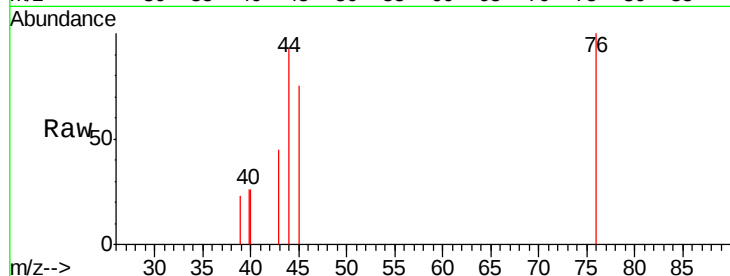




#17
Carbon Disulfide
Concen: 0.538 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

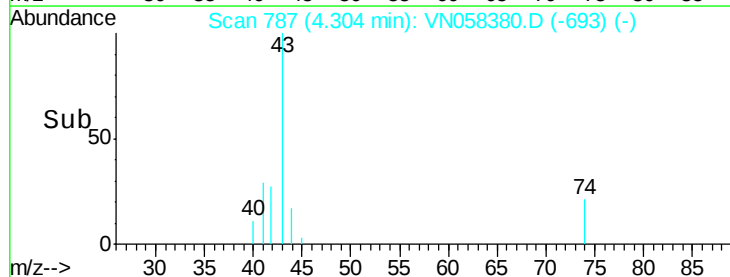
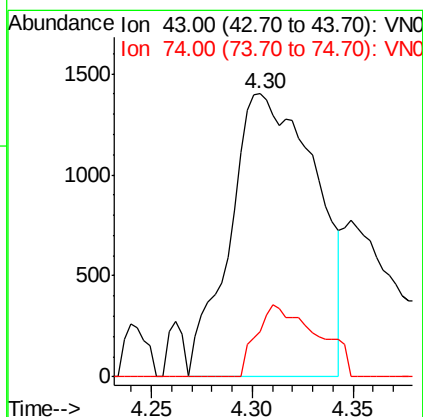
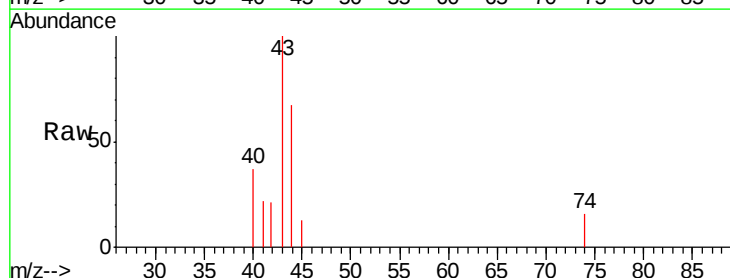
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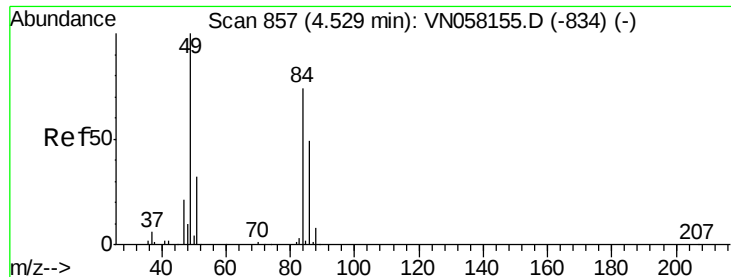
Tgt Ion: 76 Resp: 1123
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 0.691 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion: 43 Resp: 4163
Ion Ratio Lower Upper
43 100
74 17.9 18.0 27.0#

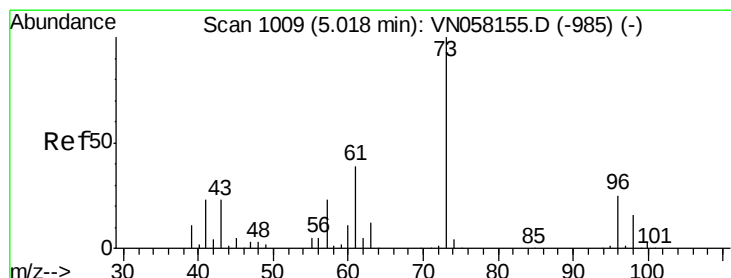
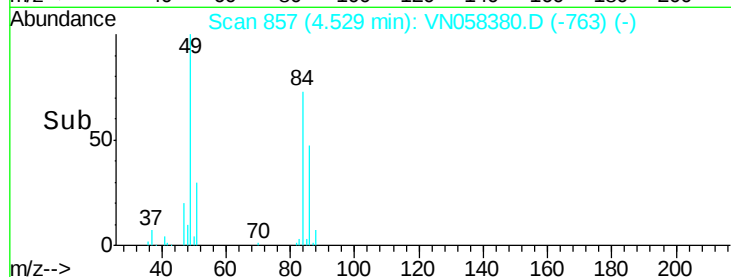
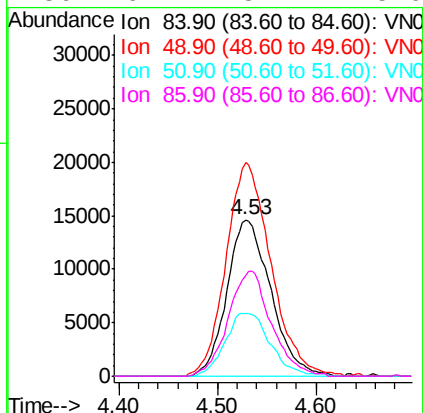
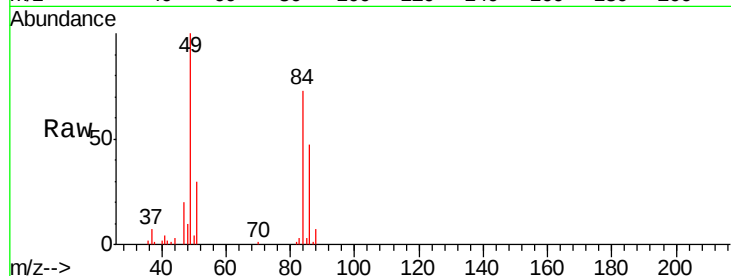




#20
Methylene Chloride
Concen: 11.131 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

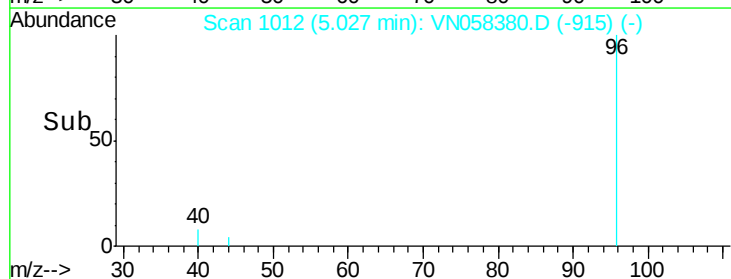
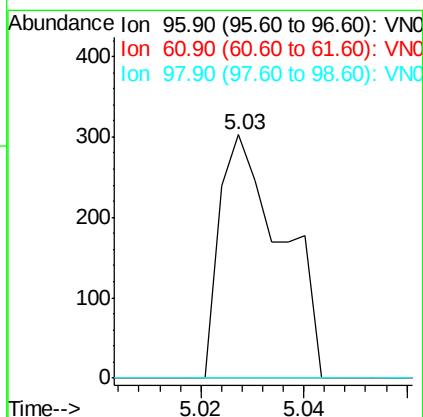
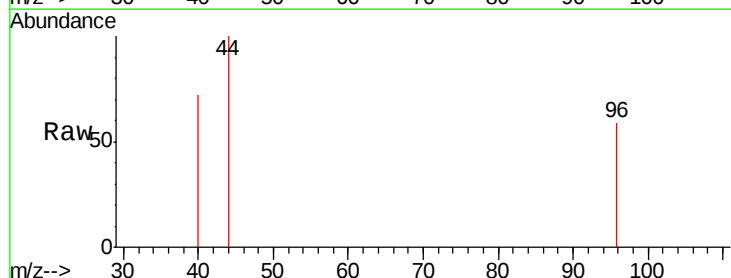
Instrument :
MSVOA_N
ClientSampled :
30445

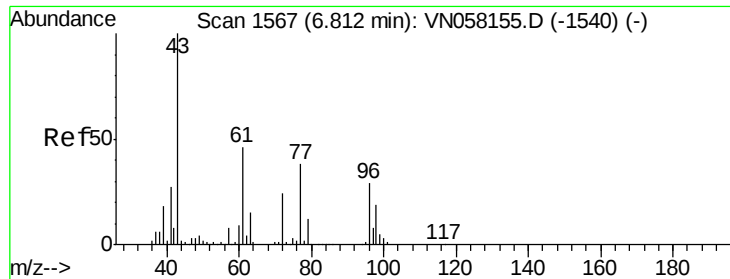
Tgt Ion: 84 Resp: 45317
Ion Ratio Lower Upper
84 100
49 134.9 107.5 161.3
51 40.2 33.9 50.9
86 64.4 52.4 78.6



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.03 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion: 96 Resp: 252
Ion Ratio Lower Upper
96 100
61 0.0 122.2 183.4#
98 0.0 49.9 74.9#





#25

2-Butanone

Concen: 1.963 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.03 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

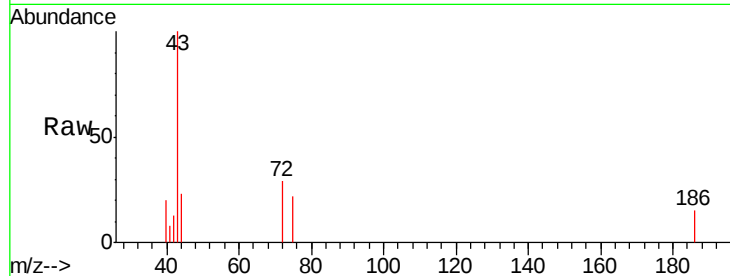
30445

Tgt Ion: 43 Resp: 6123

Ion Ratio Lower Upper

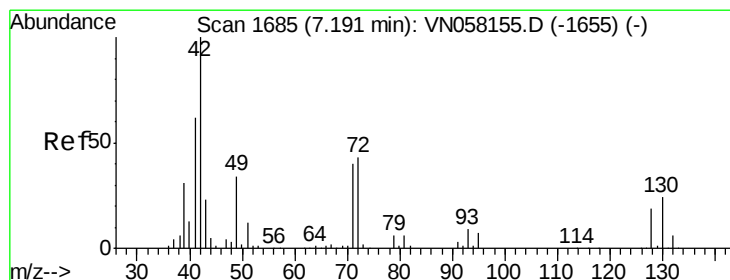
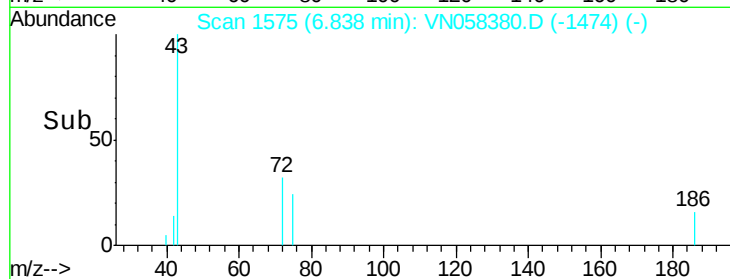
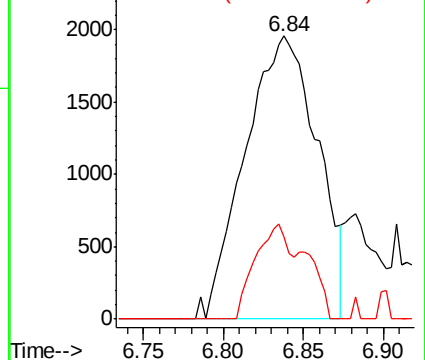
43 100

72 29.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.209 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

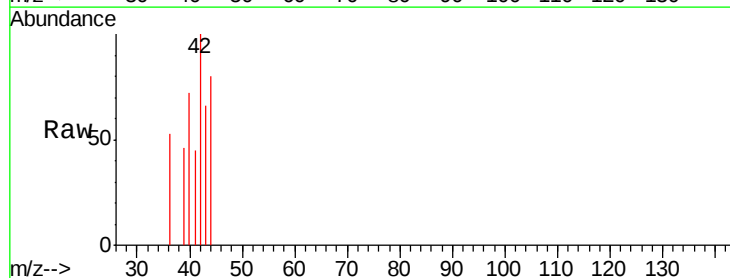
Tgt Ion: 42 Resp: 401

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

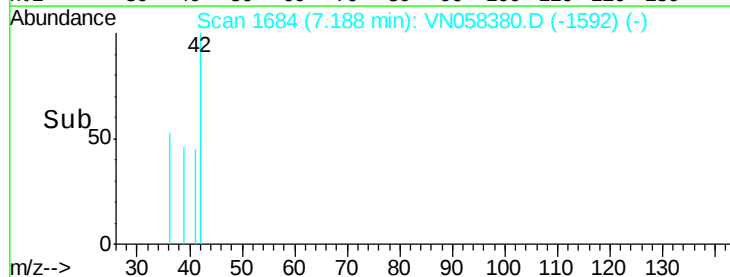
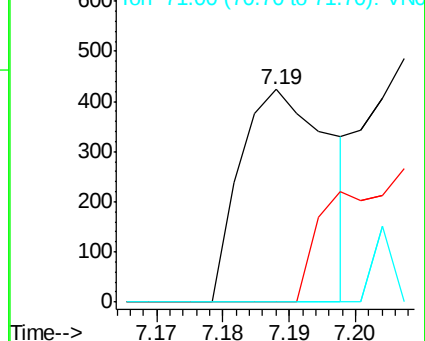
71 0.0 31.4 47.0#

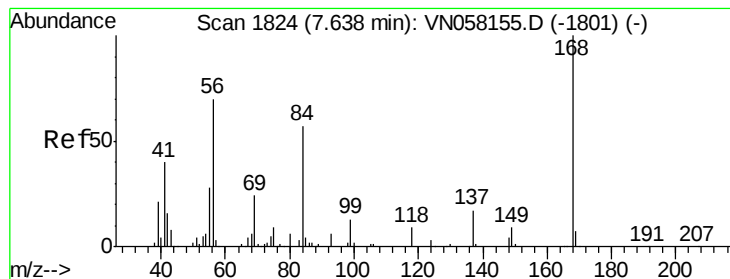


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :
MSVOA_N
ClientSampled :
30445

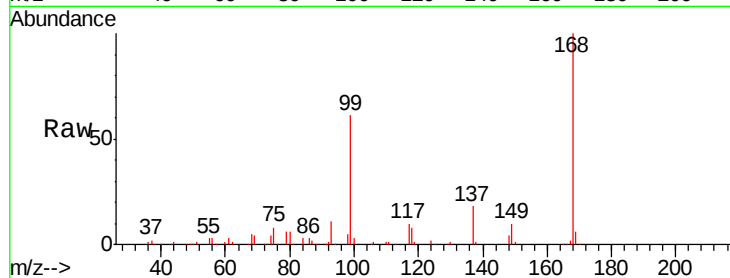
Tgt Ion: 56 Resp: 11932

Ion Ratio Lower Upper

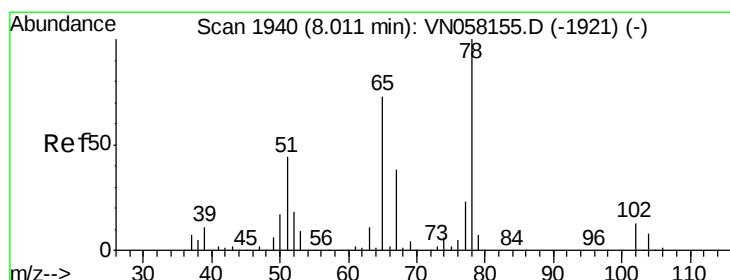
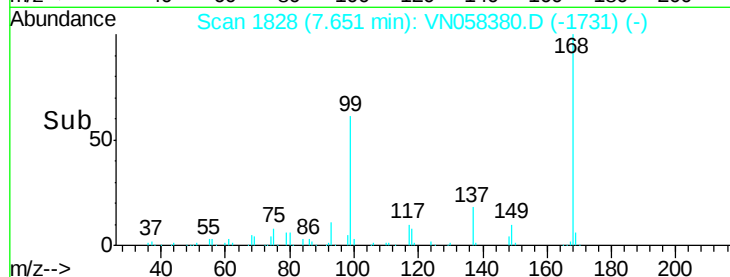
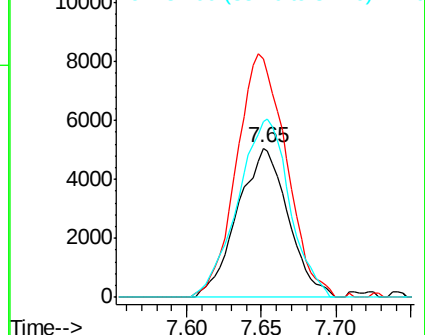
56 100

69 159.8 27.3 40.9#

84 117.1 65.0 97.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.762 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058380.D

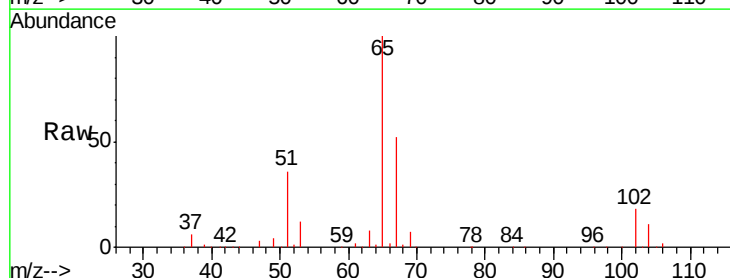
Acq: 26 Sep 2019 13:07

Tgt Ion: 65 Resp: 342446

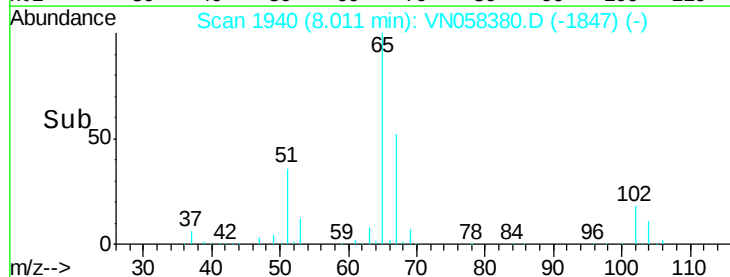
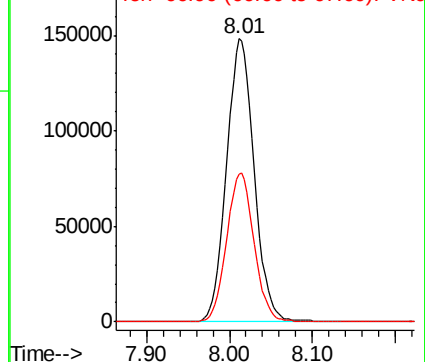
Ion Ratio Lower Upper

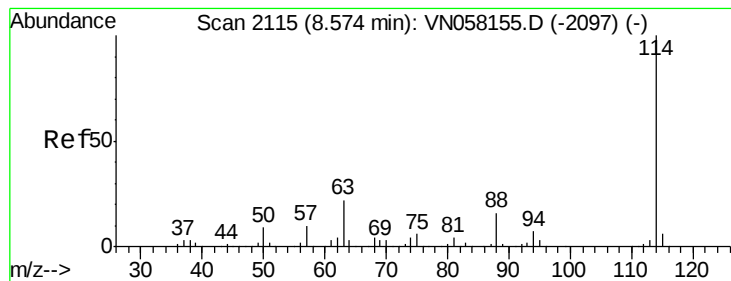
65 100

67 52.3 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

30445

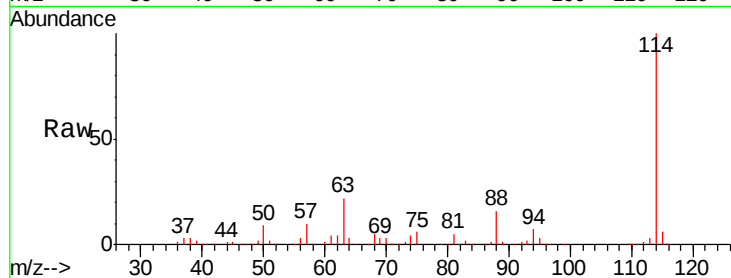
Tgt Ion:114 Resp: 800453

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

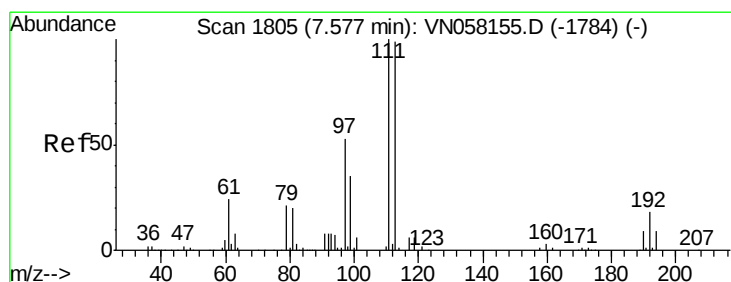
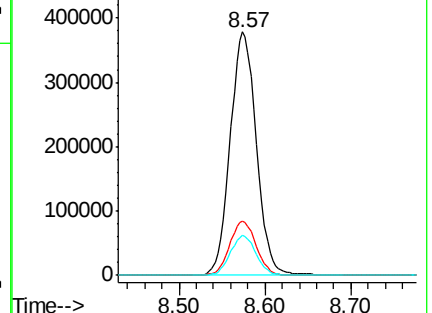
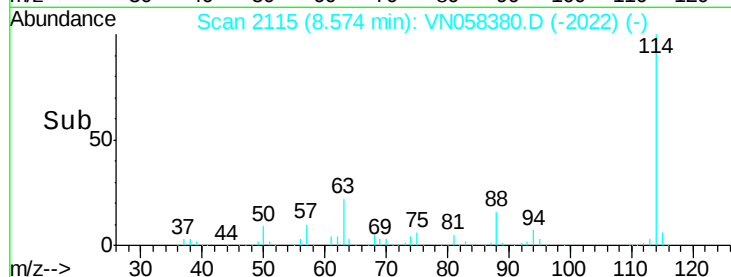
88 16.3 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.460 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

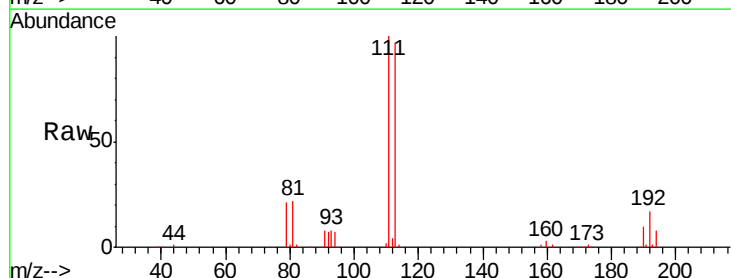
Tgt Ion:113 Resp: 240675

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

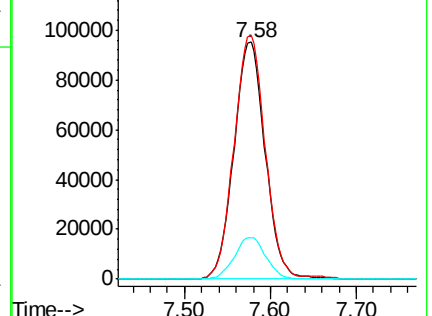
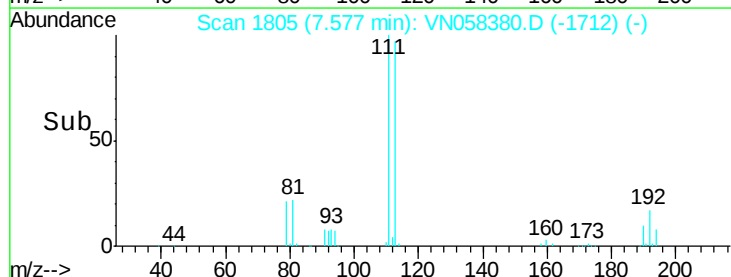
192 17.8 14.5 21.7

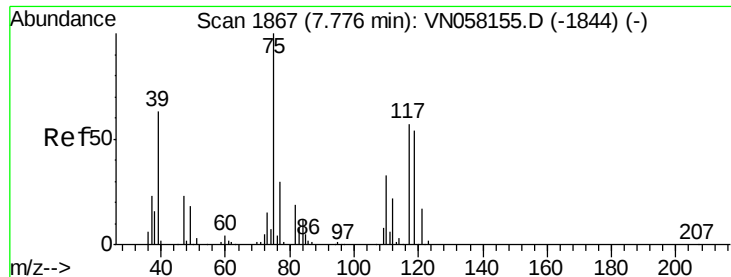


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

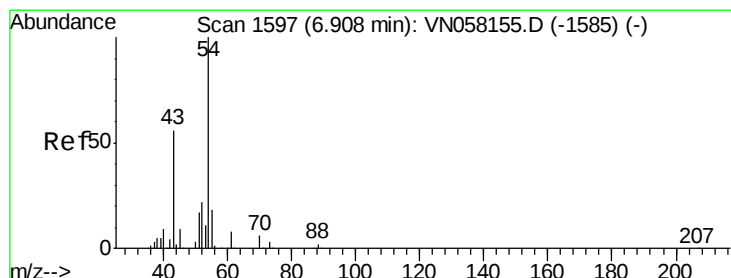
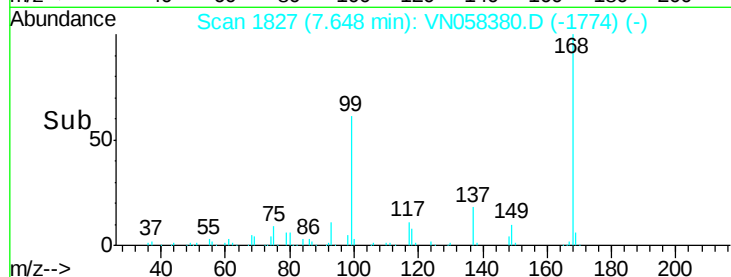
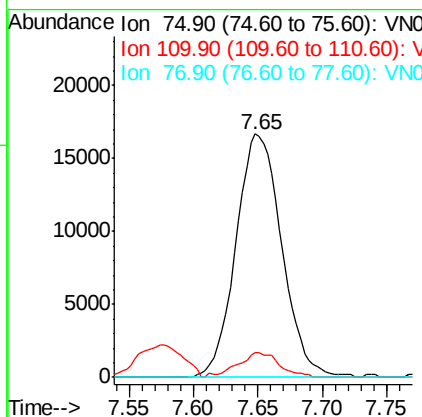
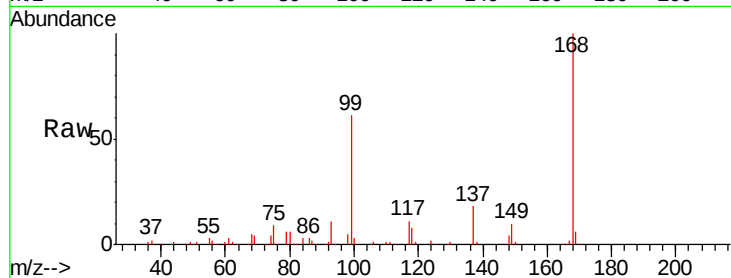




#36
 1,1-Dichloropropene
 Concen: 7.124 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058380.D
 Acq: 26 Sep 2019 13:07

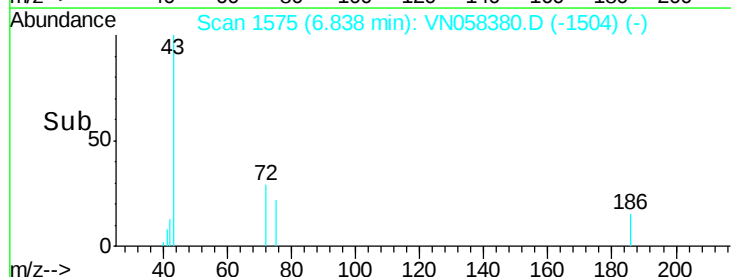
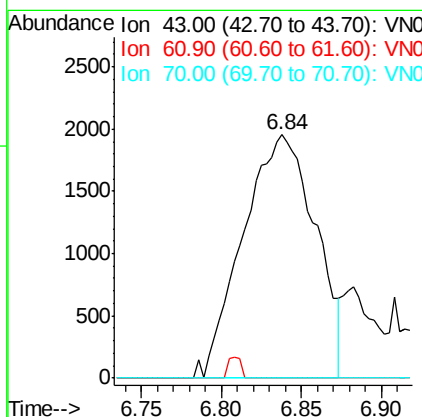
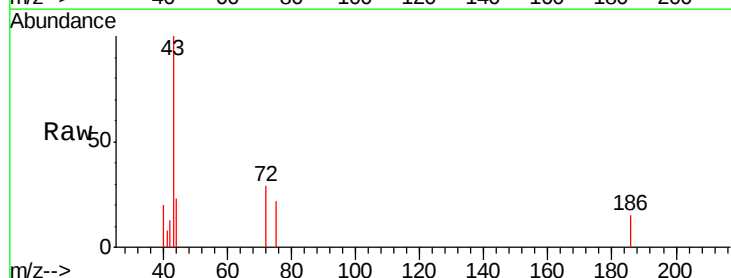
Instrument :
 MSVOA_N
 ClientSampled :
 30445

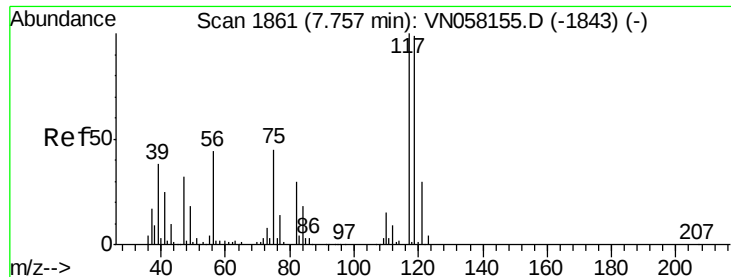
Tgt Ion: 75 Resp: 41121
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.6 49.7#
 77 0.0 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 1.022 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.07 min
 Lab File: VN058380.D
 Acq: 26 Sep 2019 13:07

Tgt Ion: 43 Resp: 6123
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 8.637 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

30445

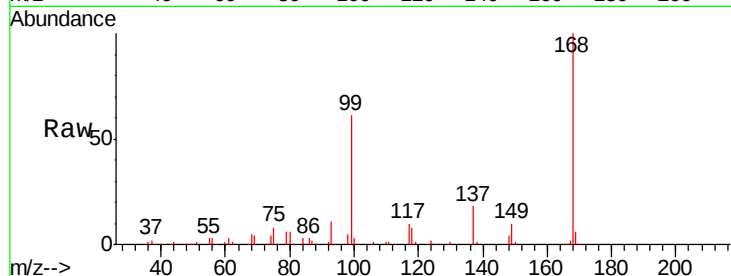
Tgt Ion:117 Resp: 50118

Ion Ratio Lower Upper

117 100

119 5.9 78.6 117.8#

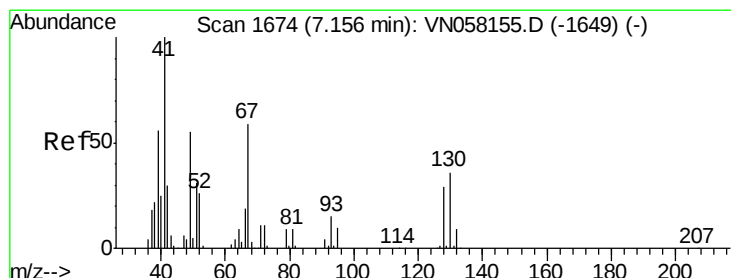
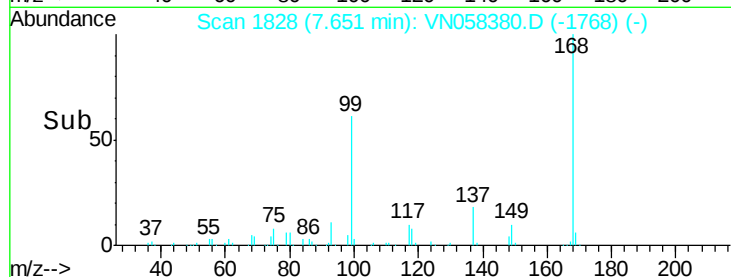
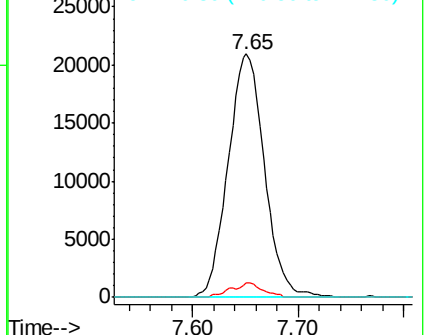
121 0.0 24.1 36.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.941 ug/l

RT: 7.13 min Scan# 1665

Delta R.T. -0.03 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Tgt Ion: 41 Resp: 93

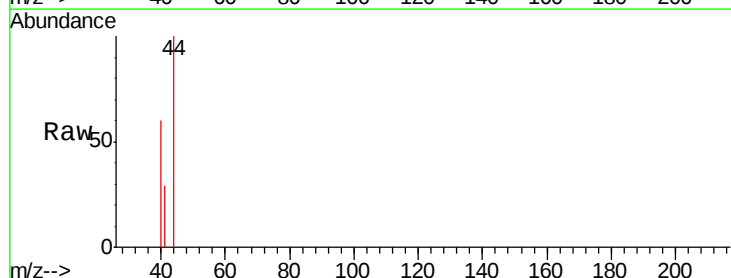
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

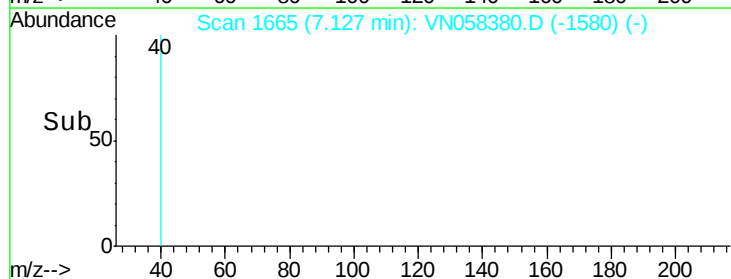
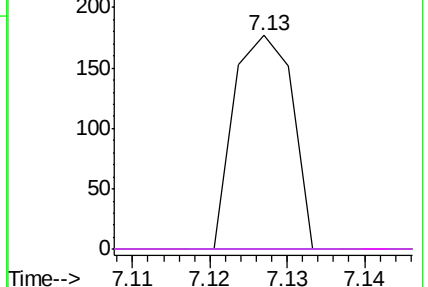


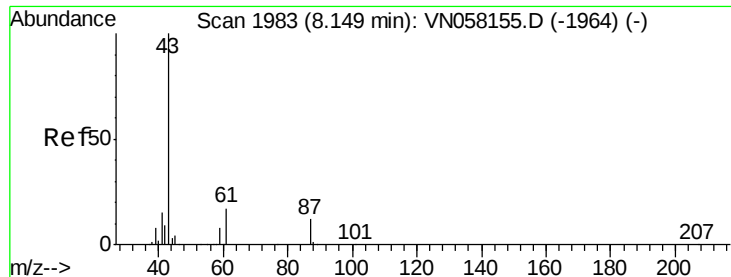
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 7.857 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

30445

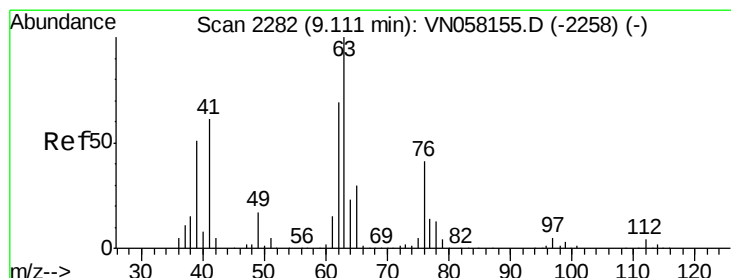
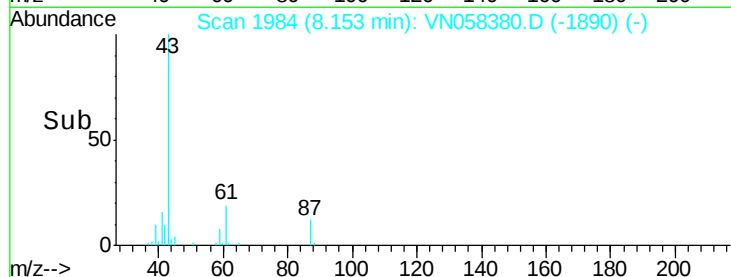
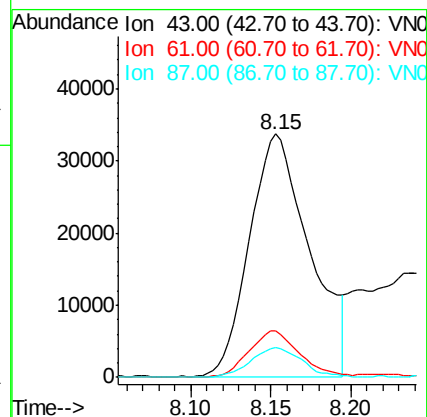
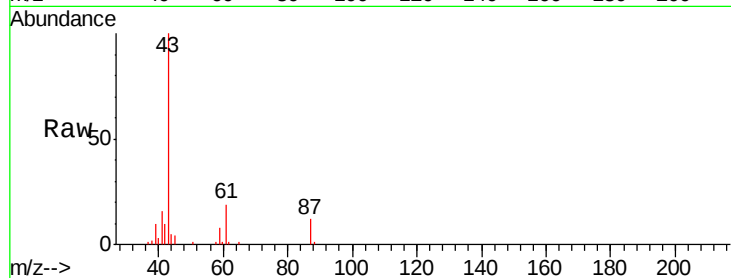
Tgt Ion: 43 Resp: 87904

Ion Ratio Lower Upper

43 100

61 15.9 19.7 29.5#

87 10.3 9.4 14.2



#45

1,2-Dichloropropane

Concen: 0.239 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN058380.D

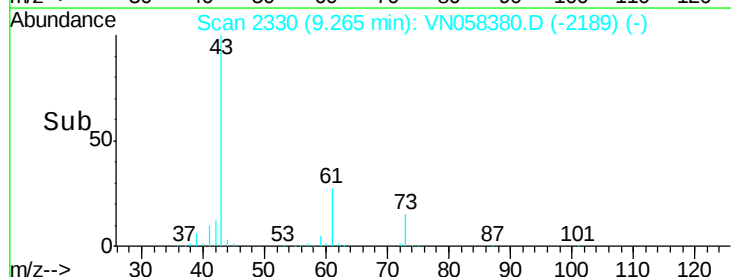
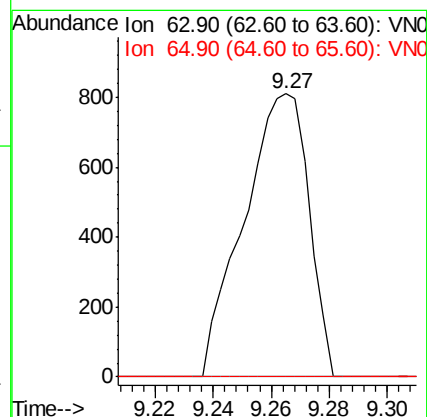
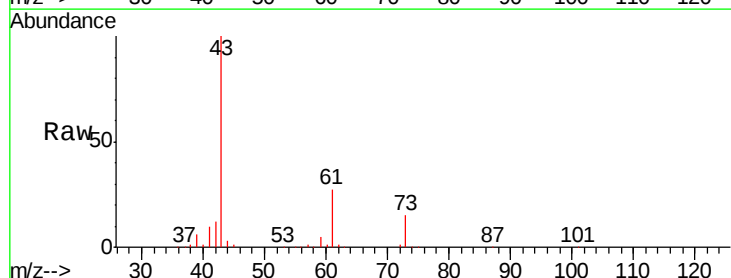
Acq: 26 Sep 2019 13:07

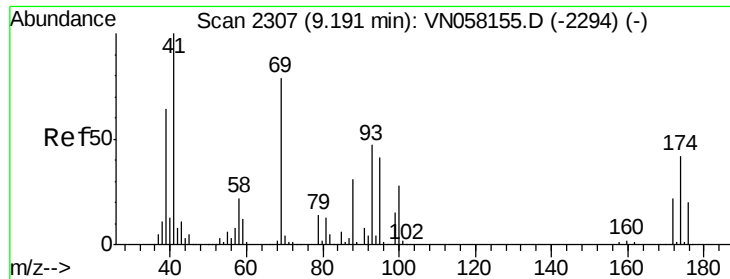
Tgt Ion: 63 Resp: 1260

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#

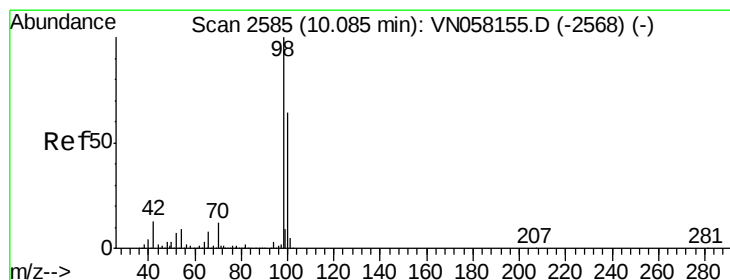
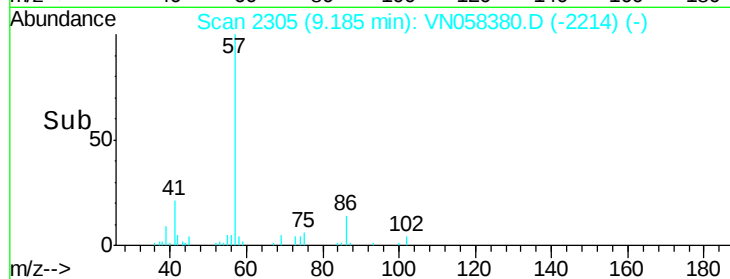
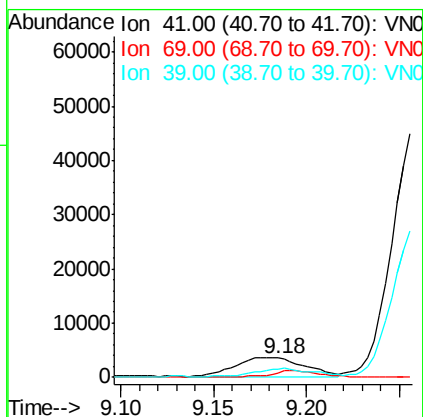
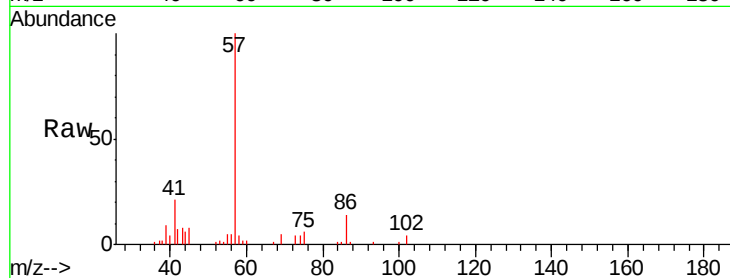




#48
Methyl methacrylate
Concen: 1.720 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

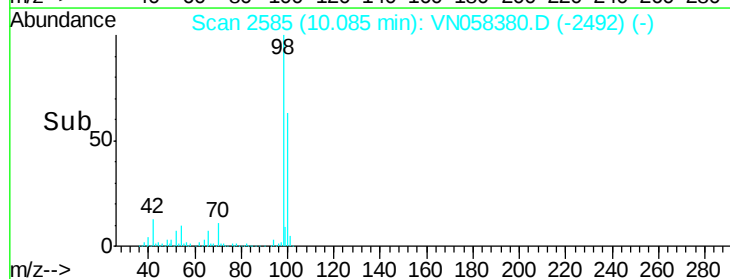
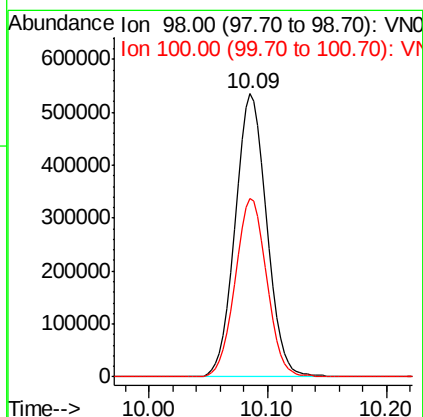
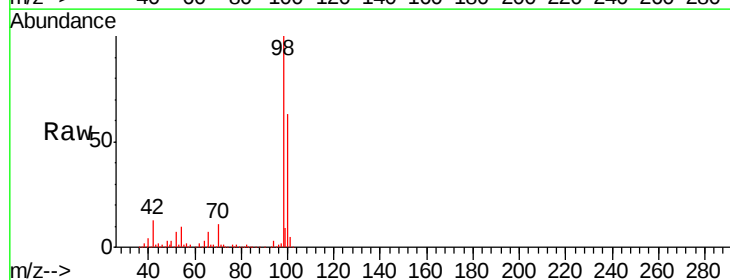
Instrument :
MSVOA_N
ClientSampled :
30445

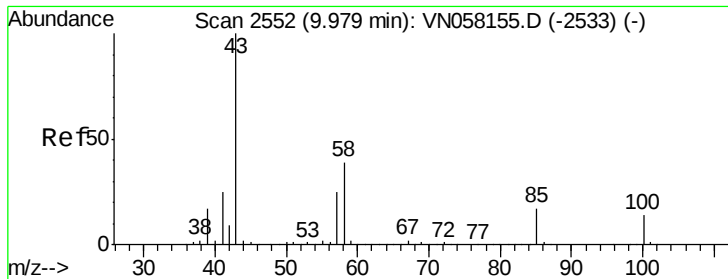
Tgt Ion: 41 Resp: 8737
Ion Ratio Lower Upper
41 100
69 25.8 62.5 93.7#
39 44.2 52.3 78.5#



#50
Toluene-d8
Concen: 51.823 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion: 98 Resp: 982532
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 3.323 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

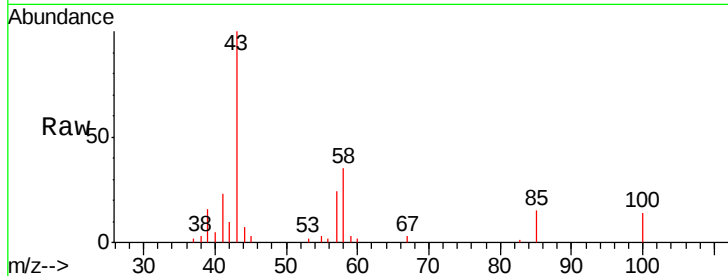
30445

Tgt Ion: 43 Resp: 19749

Ion Ratio Lower Upper

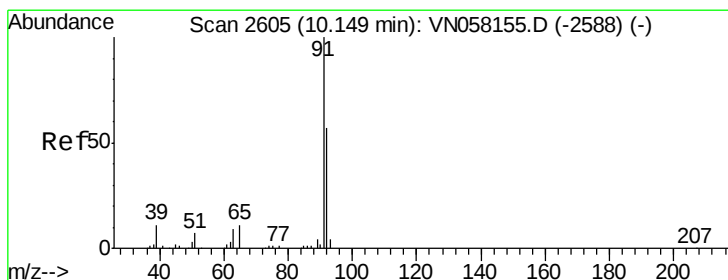
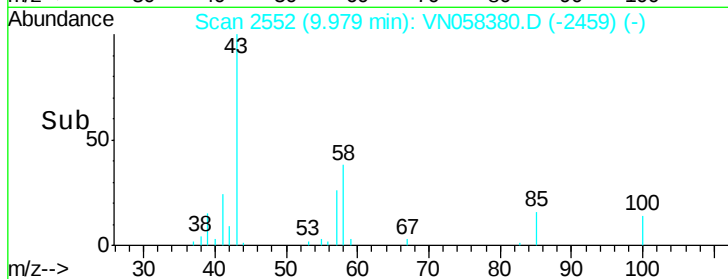
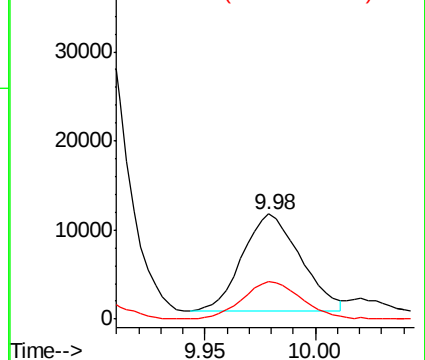
43 100

58 39.5 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 6.901 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058380.D

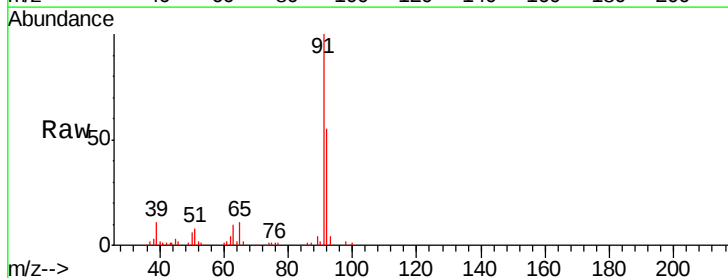
Acq: 26 Sep 2019 13:07

Tgt Ion: 92 Resp: 76253

Ion Ratio Lower Upper

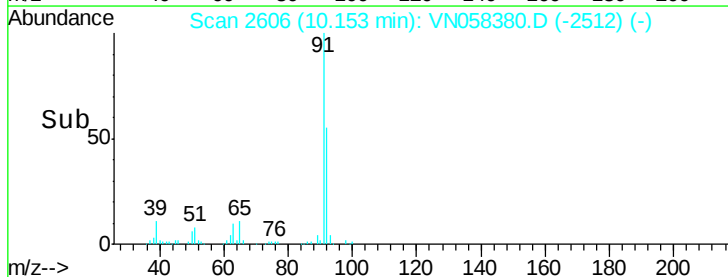
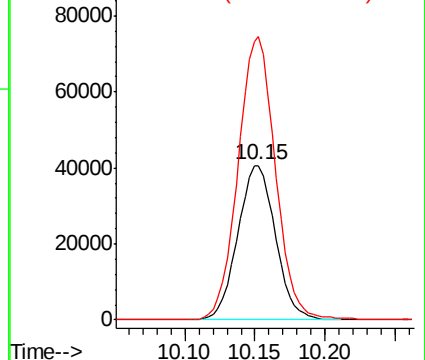
92 100

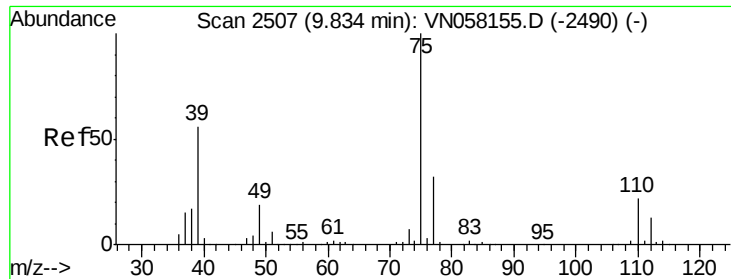
91 182.1 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



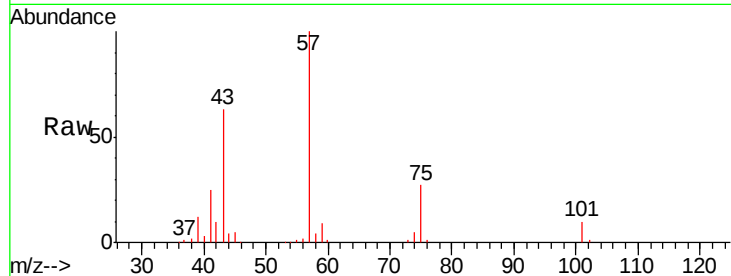


#54

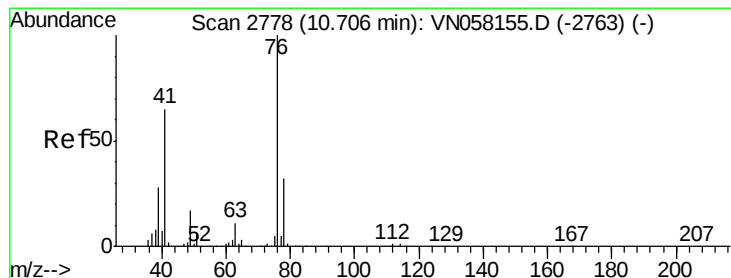
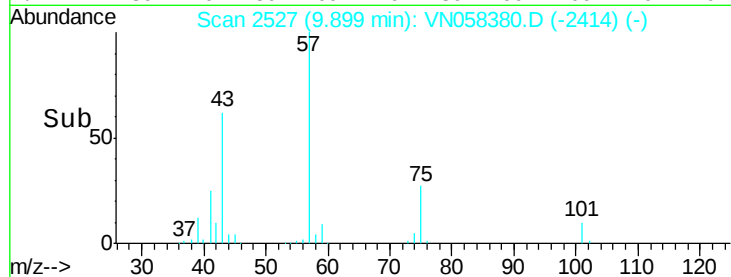
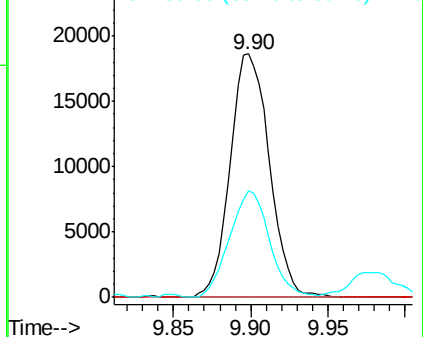
cis-1,3-Dichloropropene
 Concen: 4.321 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058380.D
 Acq: 26 Sep 2019 13:07

Instrument :
 MSVOA_N
 ClientSampled :
 30445

Tgt Ion: 75 Resp: 32774
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 43.6 45.0 67.6#



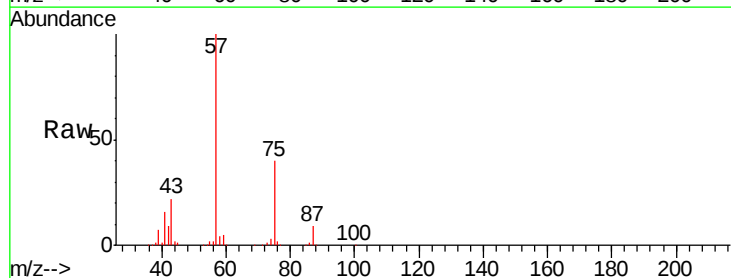
Abundance Ion 74.90 (74.60 to 75.60): VN0
 25000 Ion 76.90 (76.60 to 77.60): VN0
 20000 Ion 39.00 (38.70 to 39.70): VN0



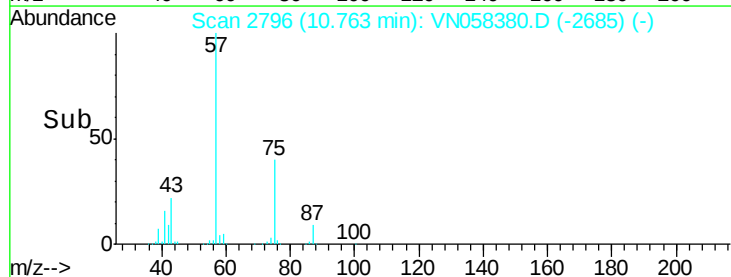
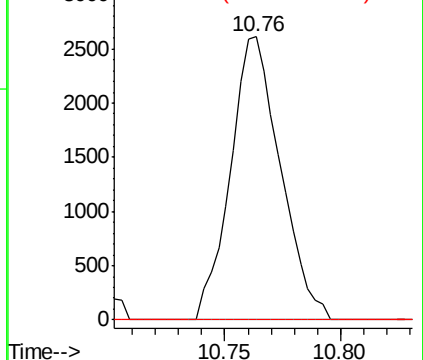
#57

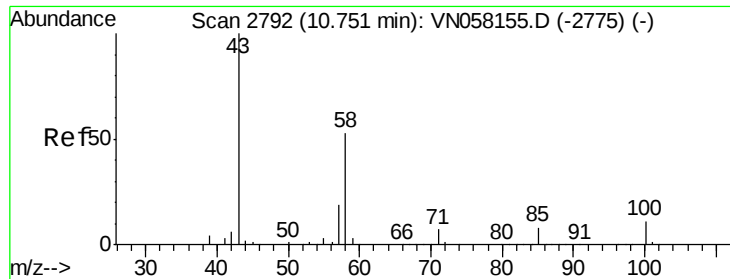
1,3-Dichloropropane
 Concen: 0.463 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN058380.D
 Acq: 26 Sep 2019 13:07

Tgt Ion: 76 Resp: 3907
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 3000 Ion 77.90 (77.60 to 78.60): VN0

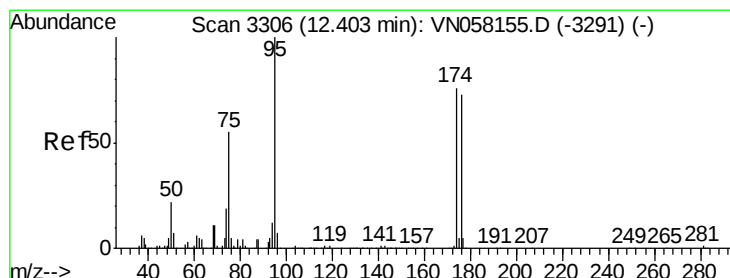
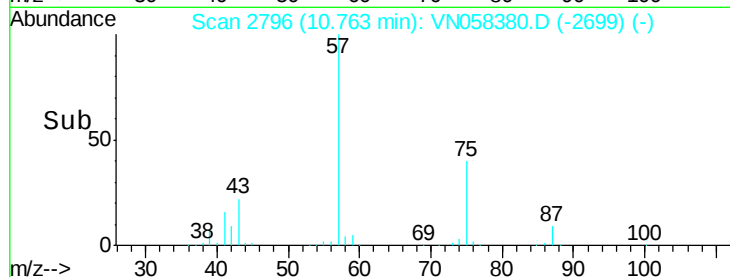
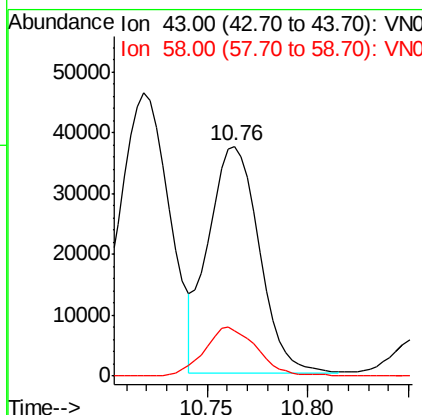
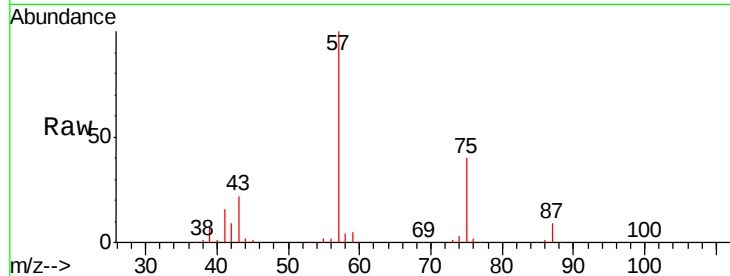




#59
2-Hexanone
Concen: 14.823 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

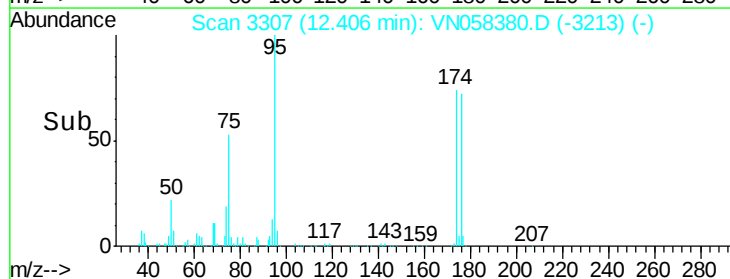
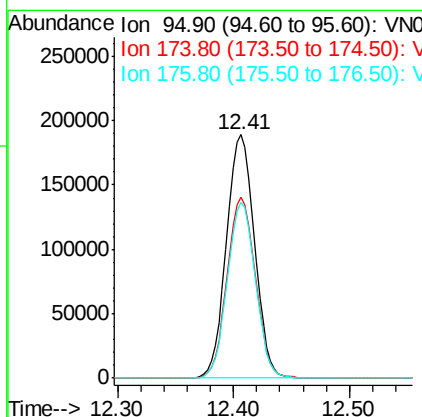
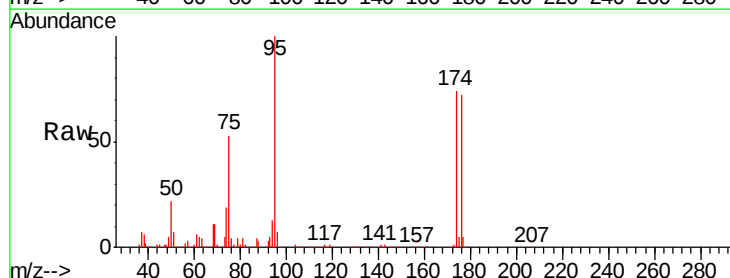
Instrument :
MSVOA_N
ClientSampled :
30445

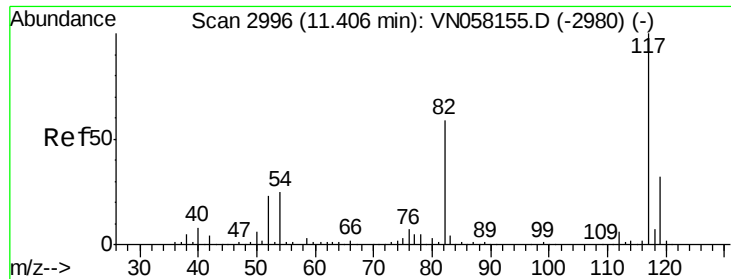
Tgt Ion: 43 Resp: 65423
Ion Ratio Lower Upper
43 100
58 22.4 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 44.919 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion: 95 Resp: 316347
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.2
176 72.2 0.0 148.0

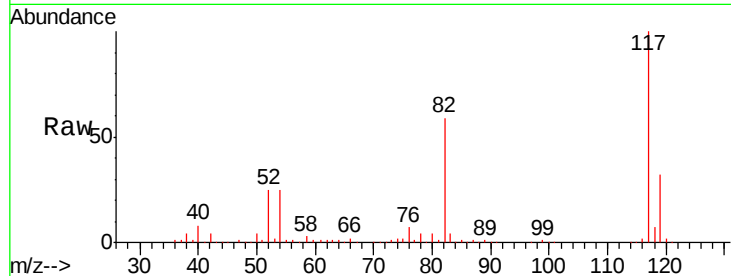




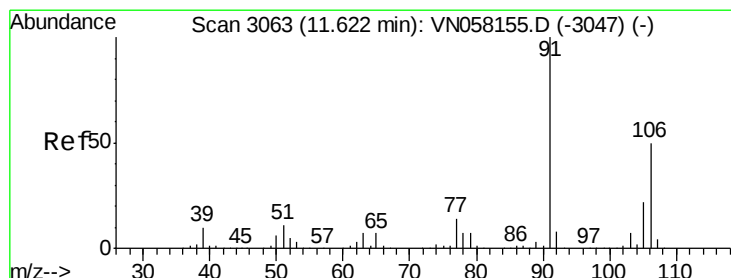
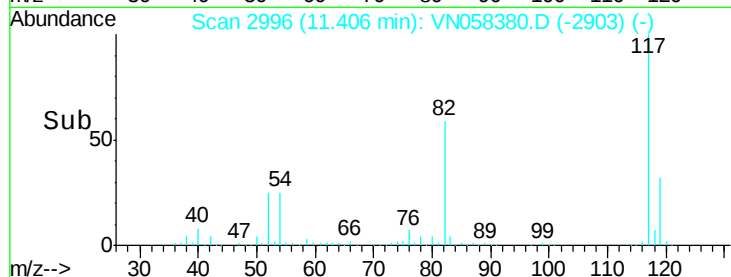
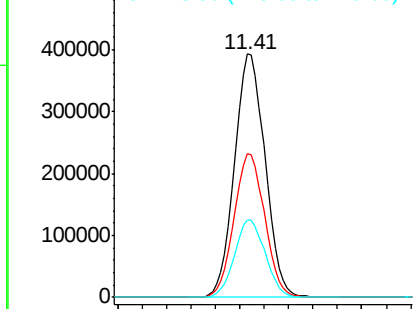
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Instrument :
MSVOA_N
ClientSampled :
30445

Tgt Ion:117 Resp: 684525
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 31.9 25.3 37.9

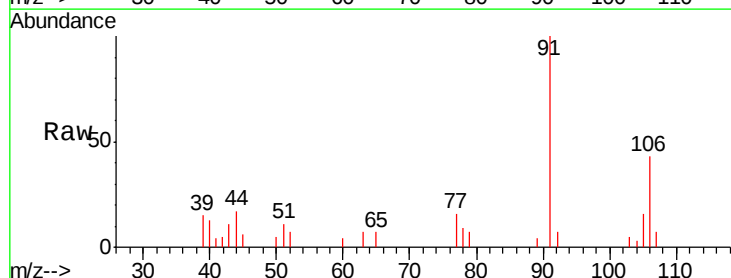


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

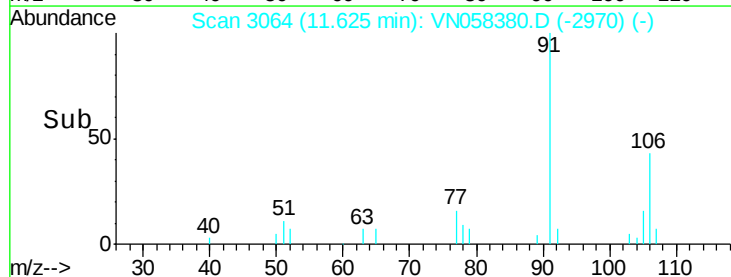
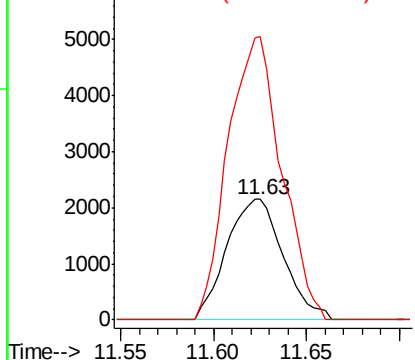


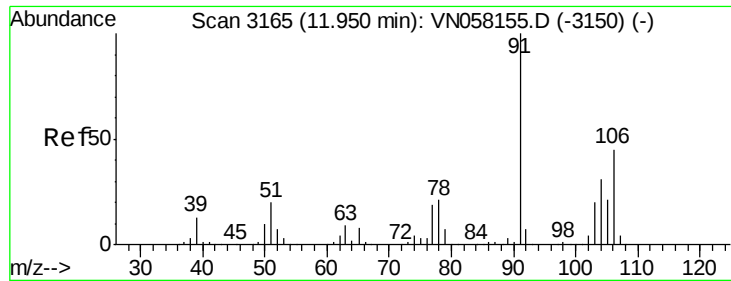
#68
m/p-Xylenes
Concen: 0.586 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion:106 Resp: 4552
Ion Ratio Lower Upper
106 100
91 222.6 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

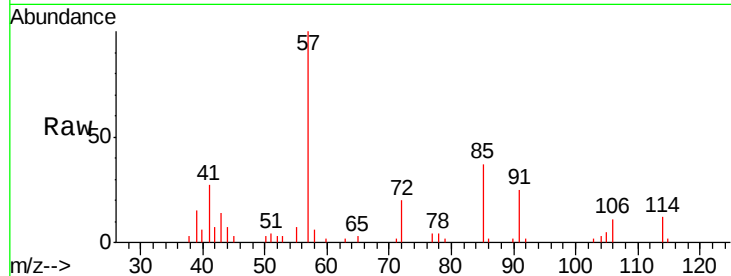




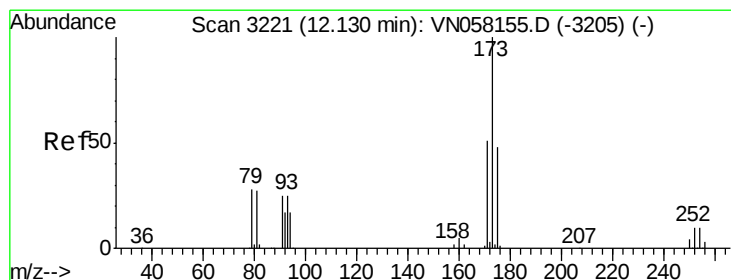
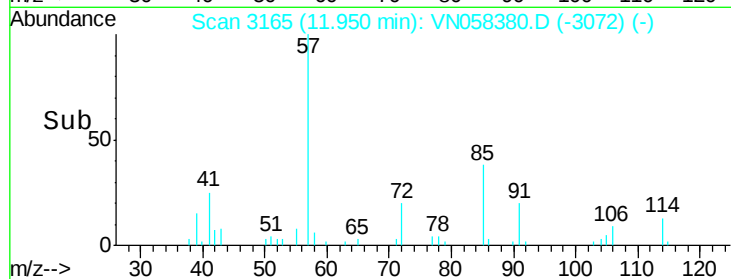
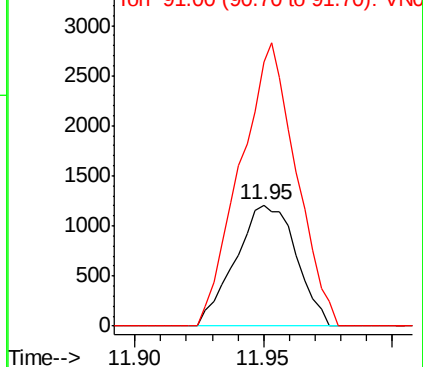
#69
o-Xylene
Concen: 0.260 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Instrument :
MSVOA_N
ClientSampleId :
30445

Tgt Ion:106 Resp: 1983
Ion Ratio Lower Upper
106 100
91 216.2 111.8 335.3

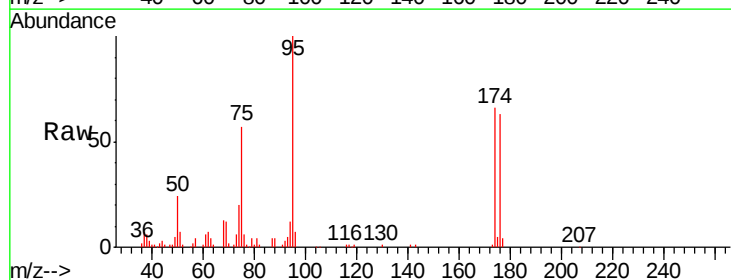


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

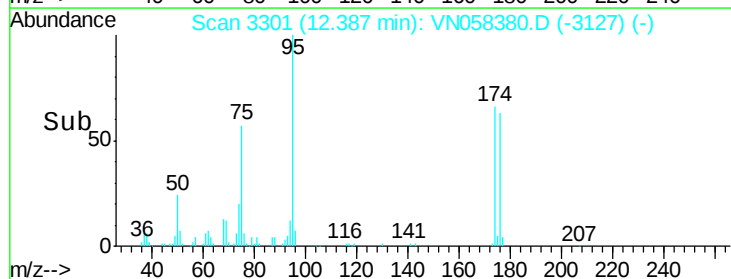
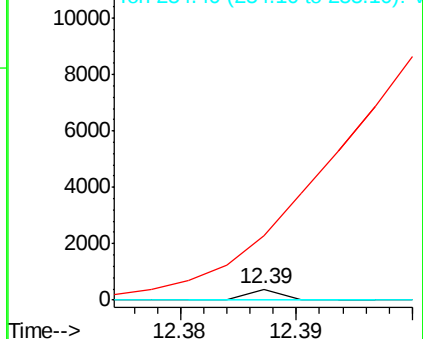


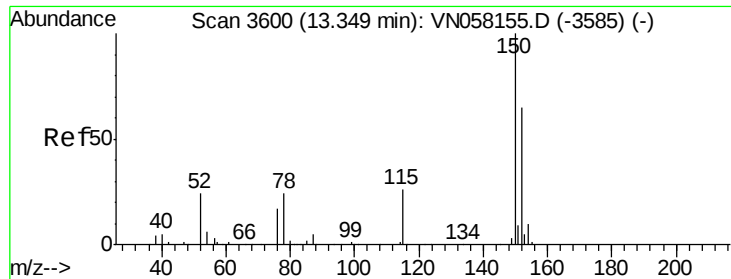
#71
Bromoform
Concen: 3.617 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion:173 Resp: 77
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampleId :

30445

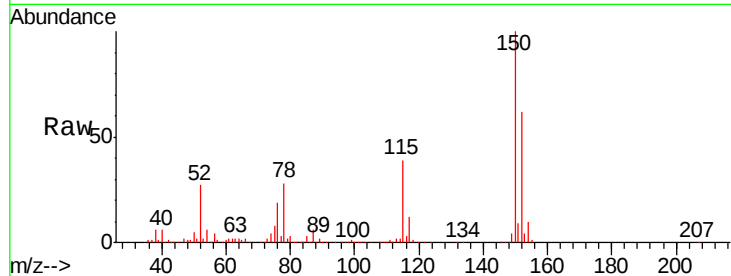
Tgt Ion:152 Resp: 272029

Ion Ratio Lower Upper

152 100

115 63.0 30.1 90.3

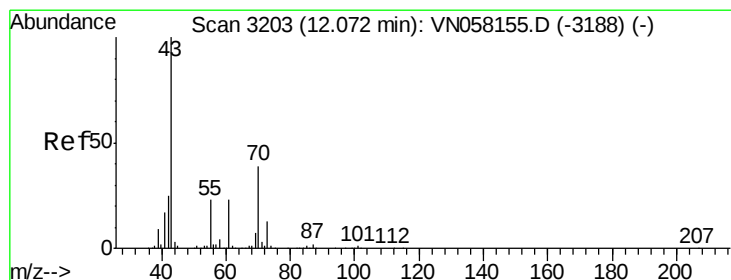
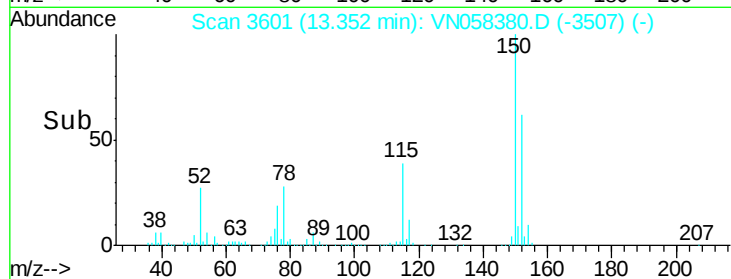
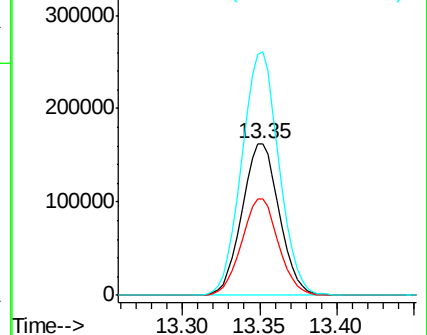
150 160.5 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.763 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Tgt Ion: 43 Resp: 5433

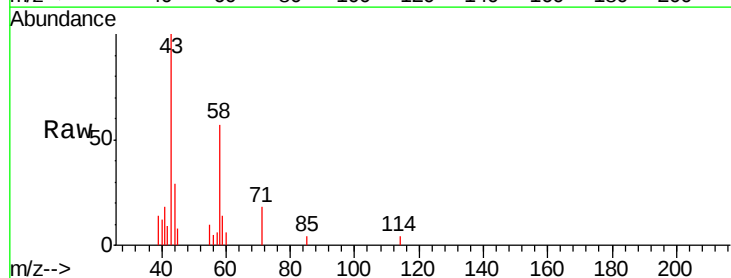
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.5 27.7#

61 0.0 18.2 27.2#

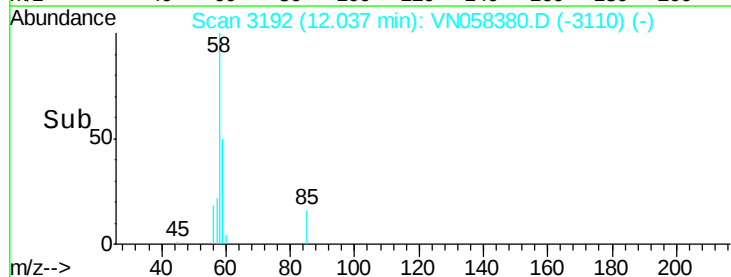
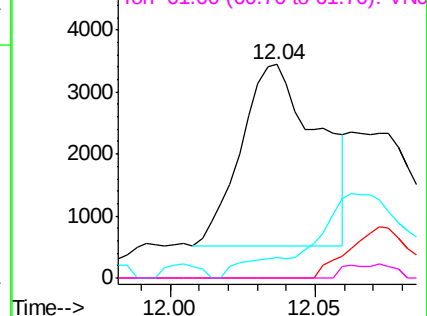


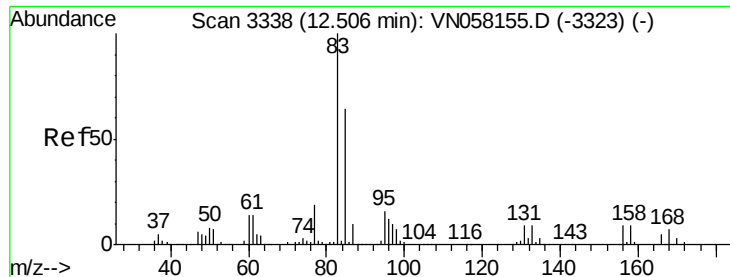
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 0.241 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.02 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

30445

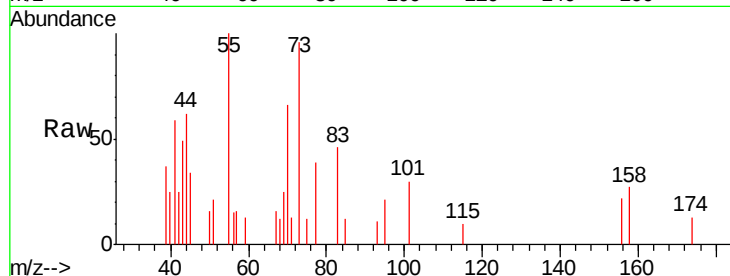
Tgt Ion: 83 Resp: 1375

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 28.9 31.9 95.5#



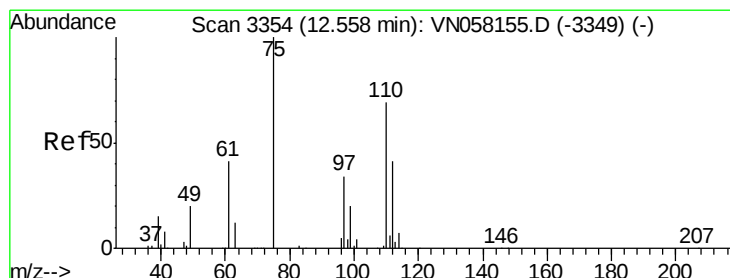
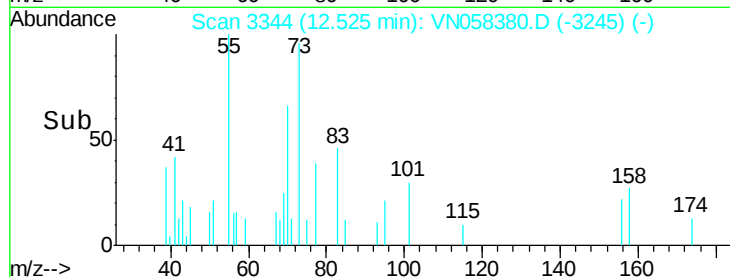
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.53

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.203 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058380.D

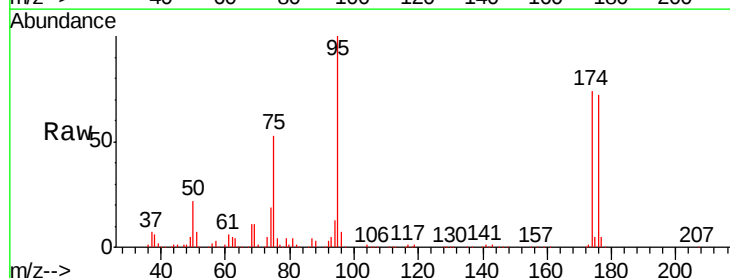
Acq: 26 Sep 2019 13:07

Tgt Ion: 75 Resp: 171386

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

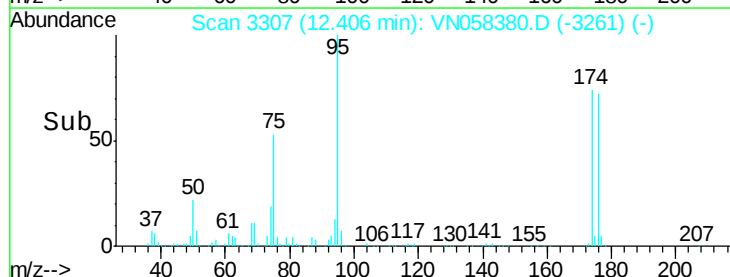


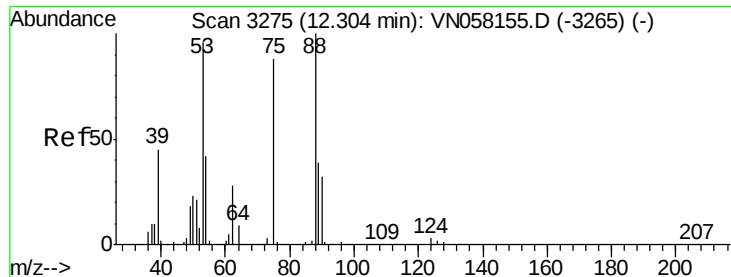
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.41

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 98.442 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

30445

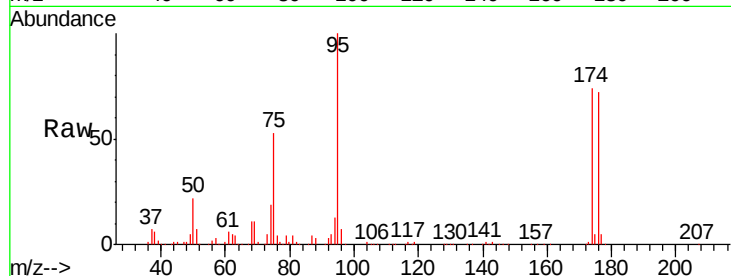
Tgt Ion: 75 Resp: 171386

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

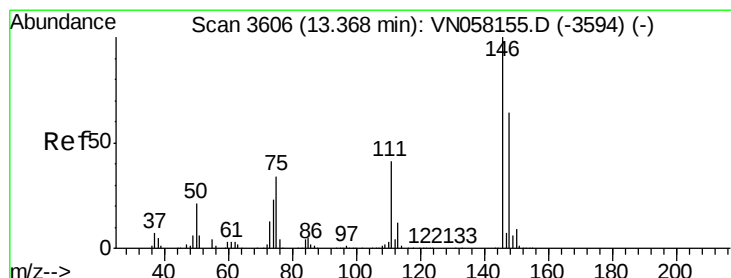
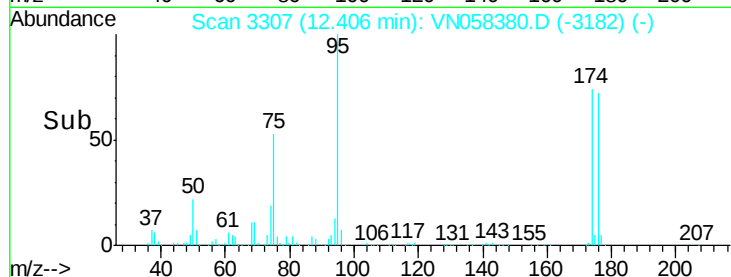
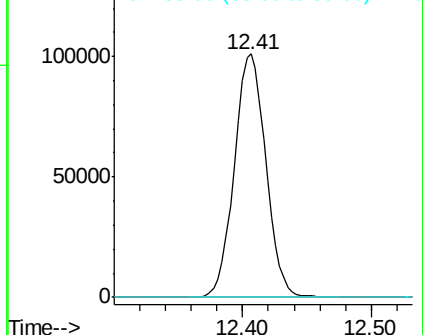
89 0.1 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#88

1,4-Dichlorobenzene

Concen: 0.208 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

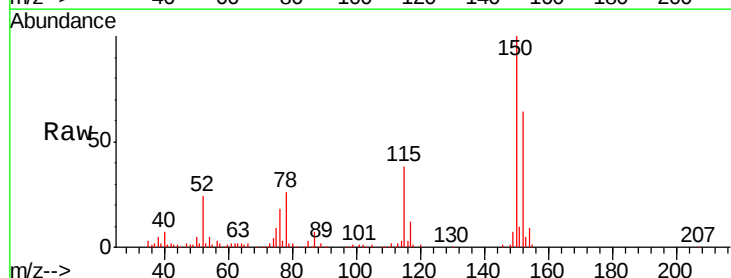
Tgt Ion: 146 Resp: 1659

Ion Ratio Lower Upper

146 100

111 0.0 20.5 61.5#

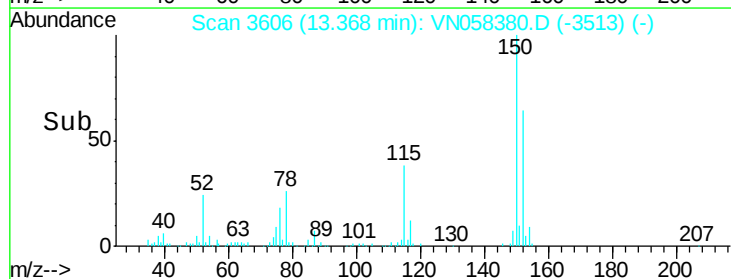
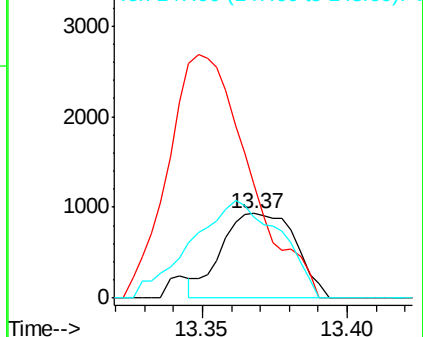
148 138.6 31.9 95.5#

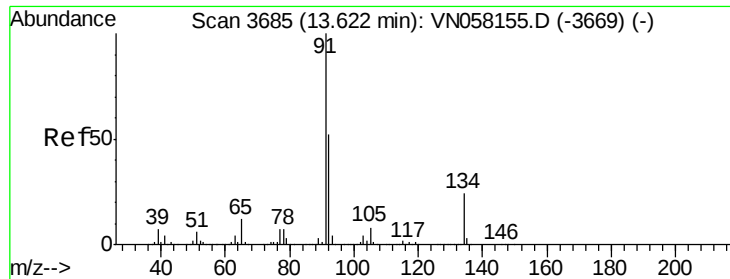


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.330 ug/l

RT: 13.63 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN058380.D

Acq: 26 Sep 2019 13:07

Instrument :

MSVOA_N

ClientSampled :

30445

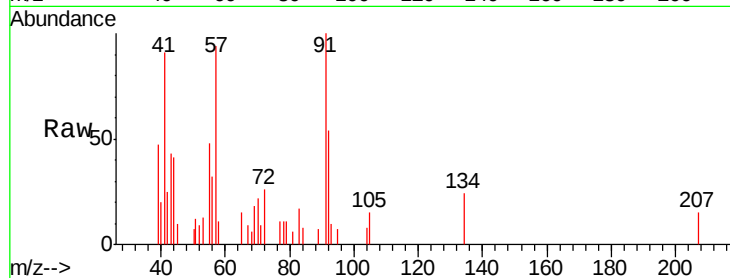
Tgt Ion: 91 Resp: 4674

Ion Ratio Lower Upper

91 100

92 47.5 25.7 77.0

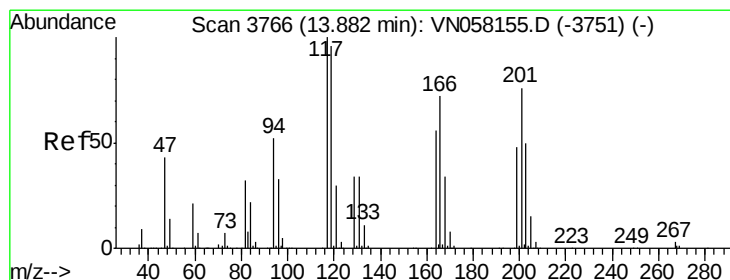
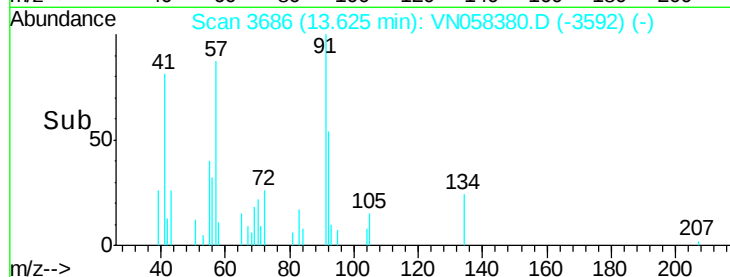
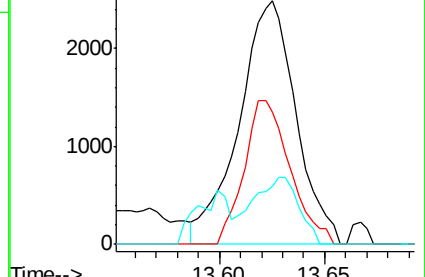
134 21.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#90

Hexachloroethane

Concen: 2.925 ug/l

RT: 13.90 min Scan# 3772

Delta R.T. 0.02 min

Lab File: VN058380.D

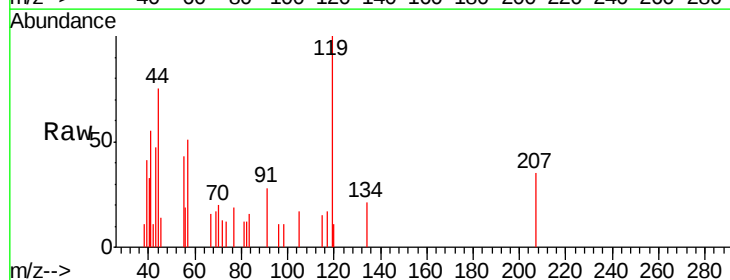
Acq: 26 Sep 2019 13:07

Tgt Ion: 117 Resp: 284

Ion Ratio Lower Upper

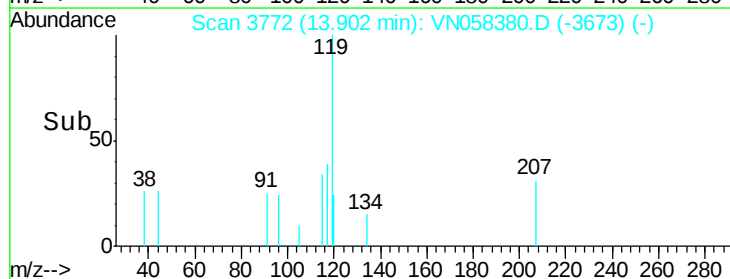
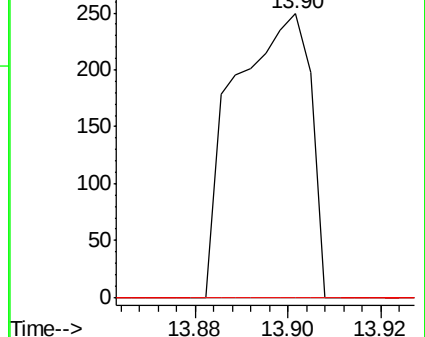
117 100

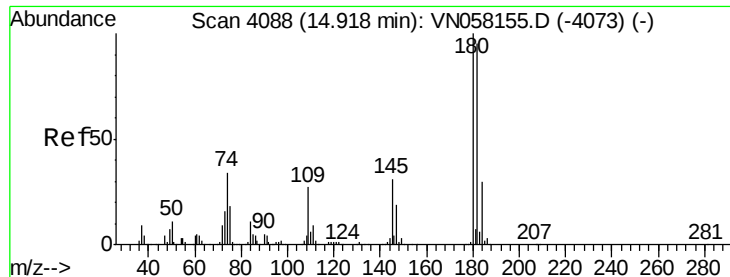
201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

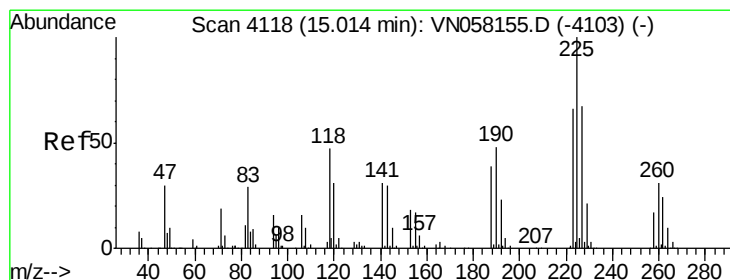
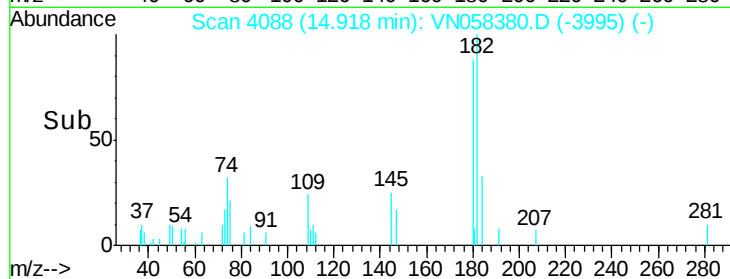
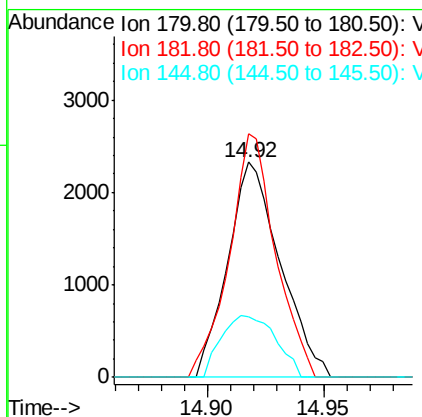
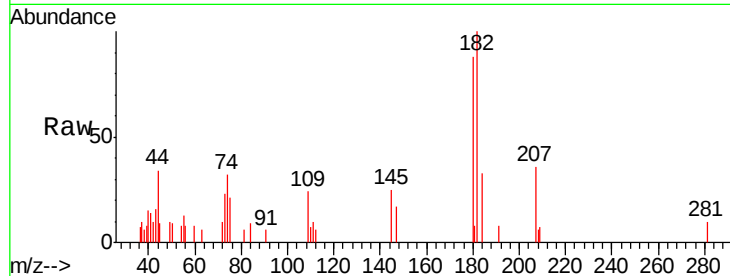




#93
 1,2,4-Trichlorobenzene
 Concen: 0.731 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058380.D
 Acq: 26 Sep 2019 13:07

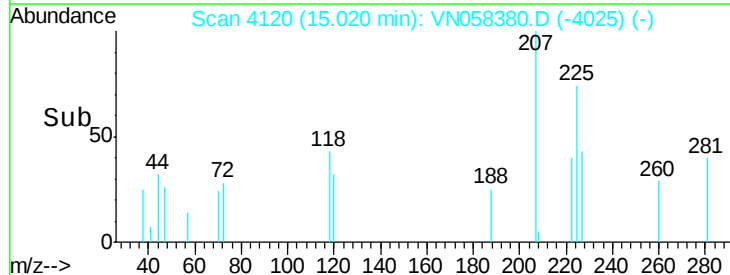
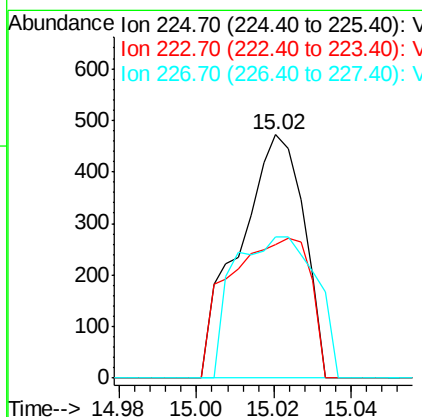
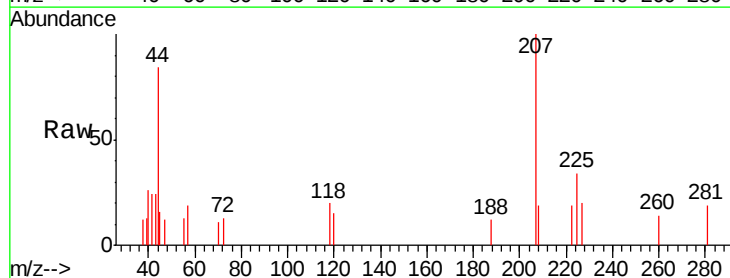
Instrument :
 MSVOA_N
 ClientSampleId :
 30445

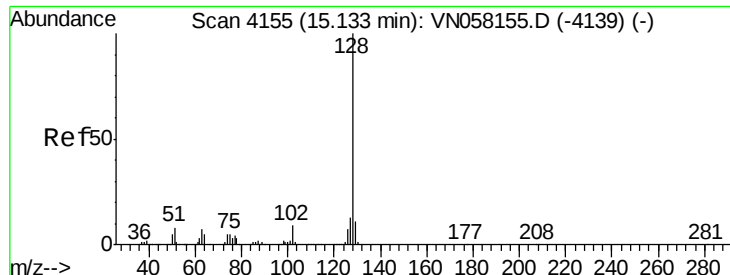
Tgt Ion:180 Resp: 3665
 Ion Ratio Lower Upper
 180 100
 182 99.1 47.8 143.3
 145 29.7 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 0.226 ug/l
 RT: 15.02 min Scan# 4120
 Delta R.T. 0.01 min
 Lab File: VN058380.D
 Acq: 26 Sep 2019 13:07

Tgt Ion:225 Resp: 547
 Ion Ratio Lower Upper
 225 100
 223 72.6 32.6 97.7
 227 73.5 33.0 99.0

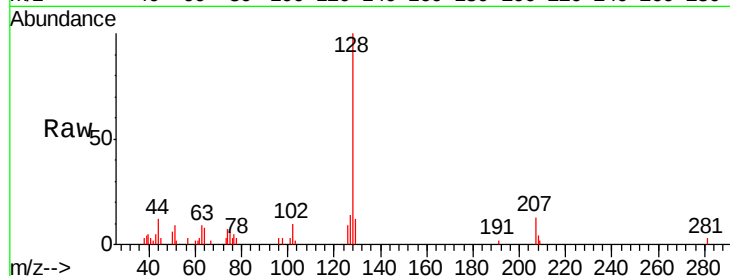




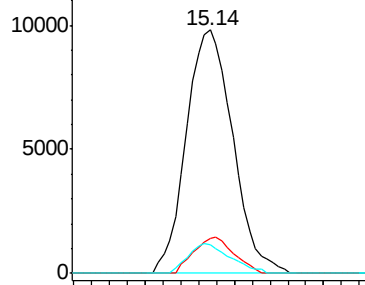
#95
Naphthalene
Concen: 1.368 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Instrument :
MSVOA_N
ClientSampled :
30445

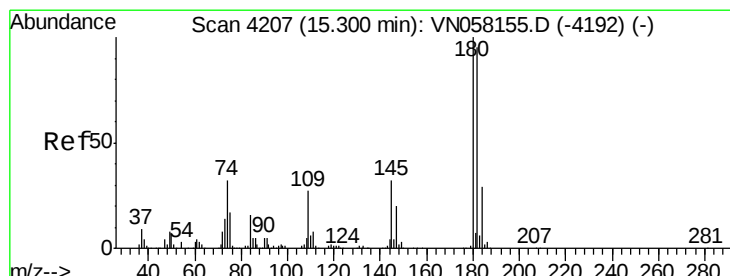
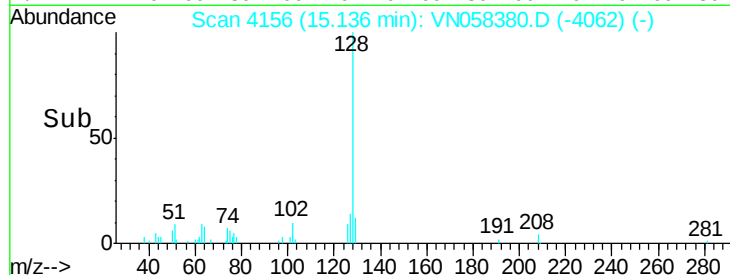
Tgt Ion:128 Resp: 17777
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

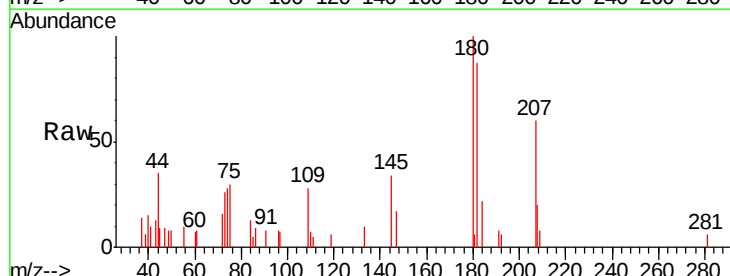


Time-->

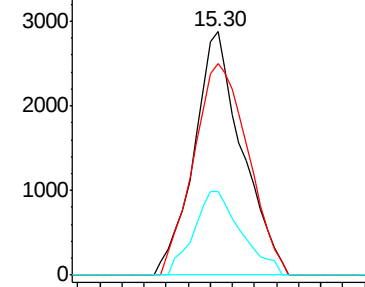


#96
1,2,3-Trichlorobenzene
Concen: 0.916 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. 0.00 min
Lab File: VN058380.D
Acq: 26 Sep 2019 13:07

Tgt Ion:180 Resp: 4340
Ion Ratio Lower Upper
180 100
182 98.5 47.4 142.2
145 33.9 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time-->

