

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022720\
 Data File : VN060267.D
 Acq On : 27 Feb 2020 13:00
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 27 13:37:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:34:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	281355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	251752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	123928	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	7.56	113	90710	69.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.92%	
50) Toluene-d8	10.08	98	359214	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
62) 4-Bromofluorobenzene	12.40	95	130169	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

					Qvalue
3) Chloromethane	2.04	50	1287	Below Cal	100
4) Vinyl Chloride	2.16	62	618	0.253 ug/l	100
5) Bromomethane	2.55	94	295	Below Cal	# 15
11) Tert butyl alcohol	4.73	59	92	0.274 ug/l	# 73
12) 1,1-Dichloroethene	3.72	96	784	0.436 ug/l	# 28
13) Acrolein	3.58	56	796	2.539 ug/l	# 54
14) Allyl chloride	4.28	41	889	Below Cal	# 39
15) Acrylonitrile	4.95	53	983	1.074 ug/l	# 45
16) Acetone	3.79	43	1873	2.578 ug/l	# 44
17) Carbon Disulfide	4.03	76	7305	0.965 ug/l	# 87
21) trans-1,2-Dichloroethene	5.01	96	2006	0.771 ug/l	# 61
23) Vinyl Acetate	5.86	43	2442	0.480 ug/l	# 73
25) 2-Butanone	6.81	43	1851	1.559 ug/l	# 49
27) cis-1,2-Dichloroethene	6.79	96	488	Below Cal	75
29) Tetrahydrofuran	7.18	42	818	0.965 ug/l	# 76
36) 1,1-Dichloropropene	7.77	75	1161	0.431 ug/l	# 58
38) Carbon Tetrachloride	7.64	117	16975	6.343 ug/l	# 15
41) Methacrylonitrile	7.16	41	476	0.391 ug/l	# 100
42) 1,2-Dichloroethane	8.11	62	757	0.263 ug/l	# 76
44) Trichloroethene	8.82	130	930	0.424 ug/l	100
46) Dibromomethane	9.19	93	286	0.212 ug/l	# 82
49) 1,4-Dioxane	9.18	88	205	Below Cal	# 22
51) 4-Methyl-2-Pentanone	9.97	43	2141	0.840 ug/l	# 77
53) t-1,3-Dichloropropene	10.37	75	1287	0.389 ug/l	# 26
54) cis-1,3-Dichloropropene	9.81	75	896	0.256 ug/l	# 79
55) 1,1,2-Trichloroethane	10.55	97	483	0.241 ug/l	# 36
58) 2-Chloroethyl Vinyl ether	9.68	63	905	0.587 ug/l	# 68
59) 2-Hexanone	10.74	43	3210	1.697 ug/l	90
61) 1,2-Dibromoethane	11.00	107	439	0.224 ug/l	95
64) Tetrachloroethene	10.62	164	800	Below Cal	88
65) Chlorobenzene	11.42	112	1783	0.347 ug/l	92
67) Ethyl Benzene	11.51	91	2058	0.220 ug/l	98
68) m/p-Xylenes	11.62	106	1472	0.423 ug/l	81
70) Styrene	11.96	104	1744	0.315 ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022720\
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 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

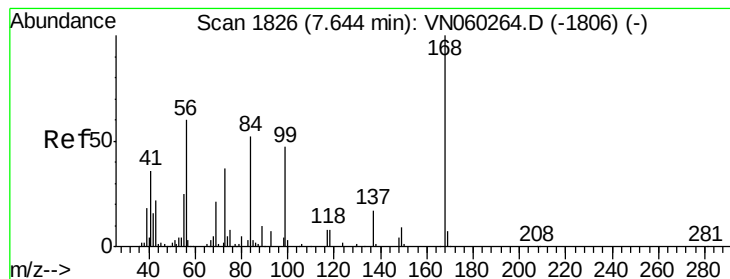
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 27 13:37:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Isopropylbenzene	12.24	105	1916	0.223	ug/l	97
74) N-amyl acetate	12.07	43	1464	0.393	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.50	83	634	0.269	ug/l #	93
76) 1,2,3-Trichloropropane	12.40	75	67519	28.000	ug/l #	100
77) Bromobenzene	12.53	156	997	0.470	ug/l	92
78) n-propylbenzene	12.59	91	3547	0.350	ug/l	93
79) 2-Chlorotoluene	12.67	91	2012	0.338	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2183	0.299	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	67519	73.914	ug/l #	8
82) 4-Chlorotoluene	12.77	91	3401	0.546	ug/l	98
83) tert-Butylbenzene	12.99	119	1776	0.282	ug/l	87
84) 1,2,4-Trimethylbenzene	13.04	105	2312	0.314	ug/l	99
85) sec-Butylbenzene	13.17	105	3264	0.384	ug/l	95
86) p-Isopropyltoluene	13.29	119	3696	0.480	ug/l	92
87) 1,3-Dichlorobenzene	13.28	146	3086	0.688	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	3086	0.796	ug/l	94
89) n-Butylbenzene	13.61	91	5375	0.752	ug/l	97
90) Hexachloroethane	13.88	117	254	0.219	ug/l #	8
91) 1,2-Dichlorobenzene	13.65	146	2332	0.630	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.26	75	542	1.021	ug/l	80
93) 1,2,4-Trichlorobenzene	14.91	180	4925	2.169	ug/l	98
94) Hexachlorobutadiene	15.01	225	3373	2.462	ug/l	93
95) Naphthalene	15.13	128	16903	2.119	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	5789	2.357	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

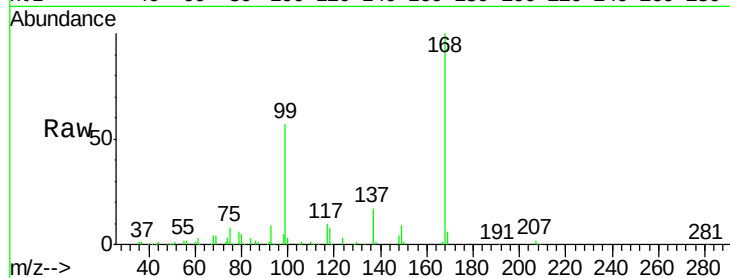
IBLK

Tot Ion:168 Resp: 176415

Ion Ratio Lower Upper

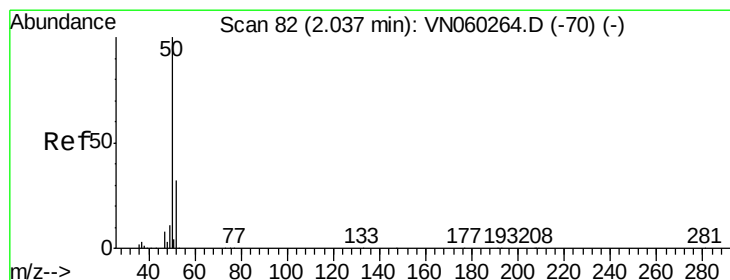
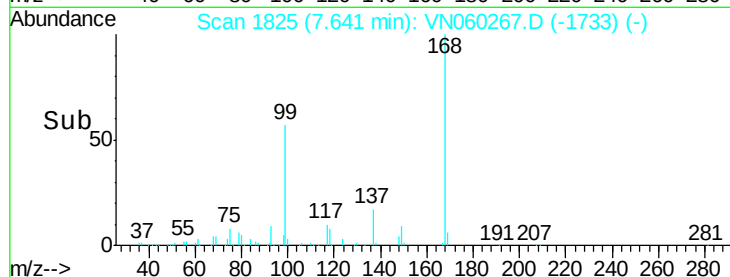
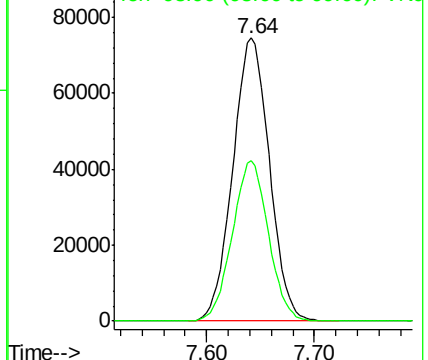
168 100

99 56.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN060267.D

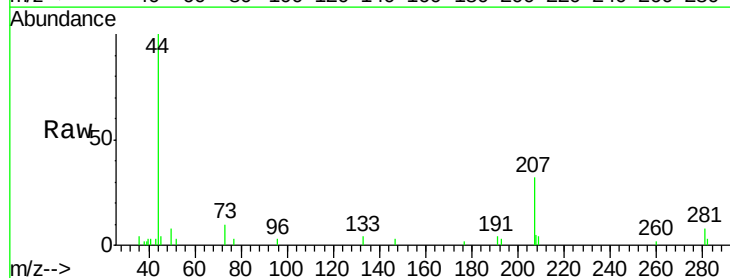
Acq: 27 Feb 2020 13:00

Tgt Ion: 50 Resp: 1287

Ion Ratio Lower Upper

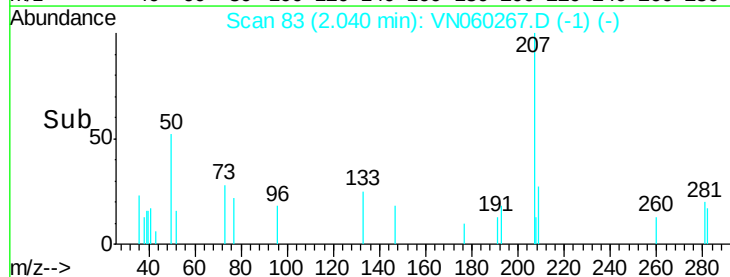
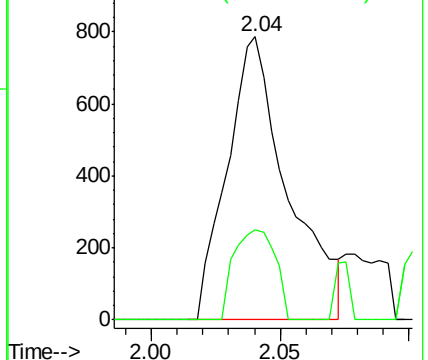
50 100

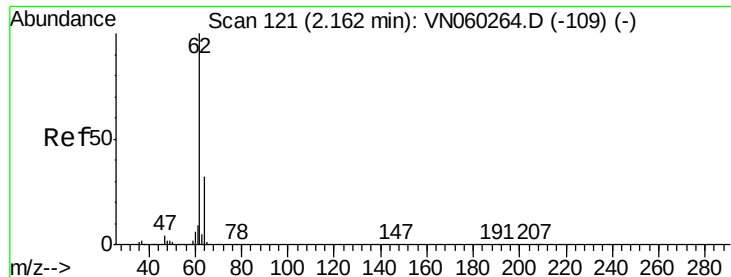
52 31.8 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#4

Vinyl Chloride

Concen: 0.253 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

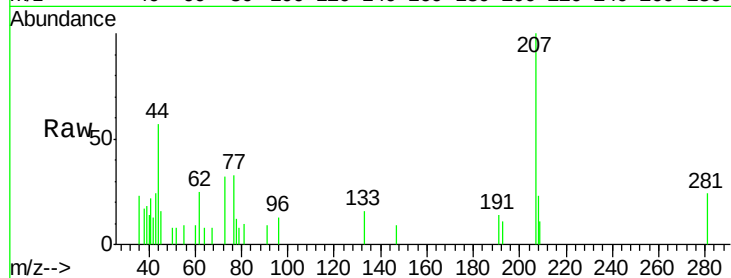
IBLK

Tot Ion: 62 Resp: 618

Ion Ratio Lower Upper

62 100

64 32.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

400

300

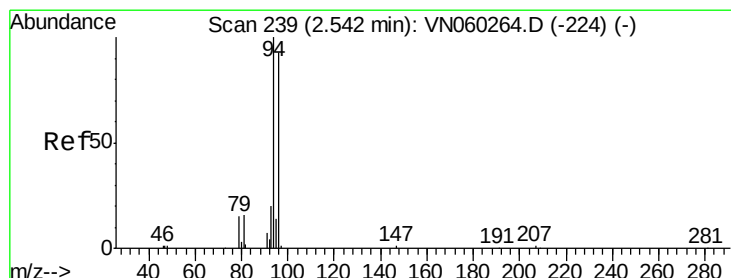
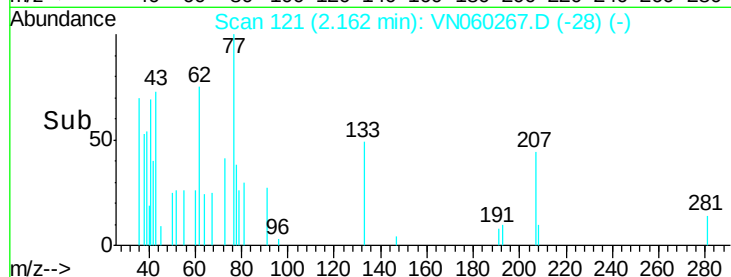
200

100

0

2.14 2.16 2.18 2.20

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060267.D

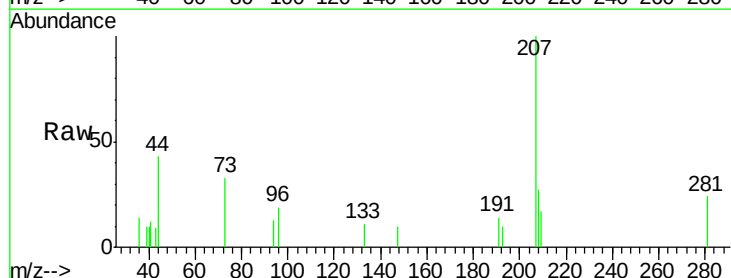
Acq: 27 Feb 2020 13:00

Tgt Ion: 94 Resp: 295

Ion Ratio Lower Upper

94 100

96 11.0 74.3 111.5#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

400

300

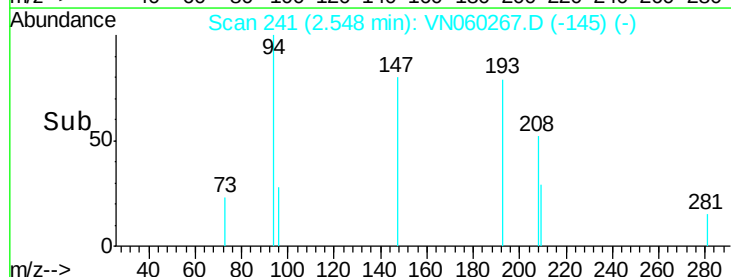
200

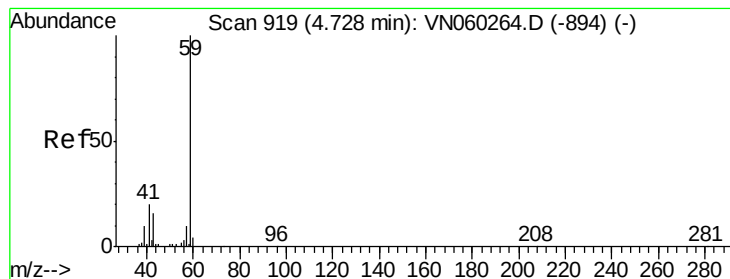
100

0

2.52 2.54 2.56 2.58

Time-->





#11

Tert butyl alcohol

Concen: 0.274 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.01 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

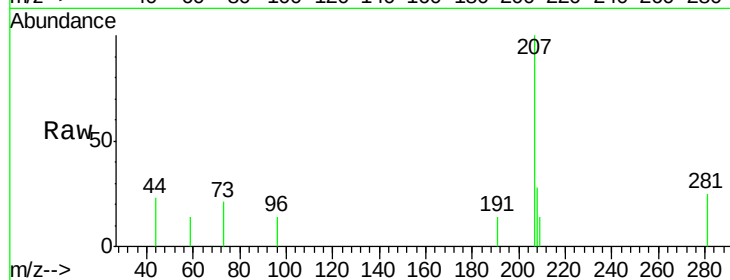
IBLK

Tot Ion: 59 Resp: 92

Ion Ratio Lower Upper

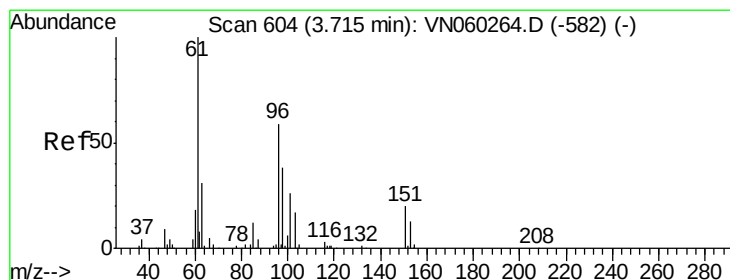
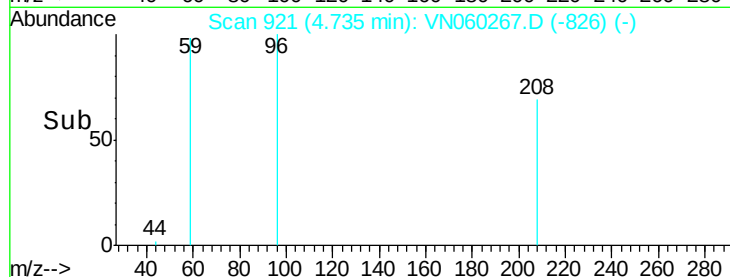
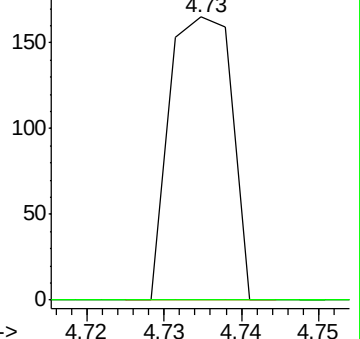
59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 0.436 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

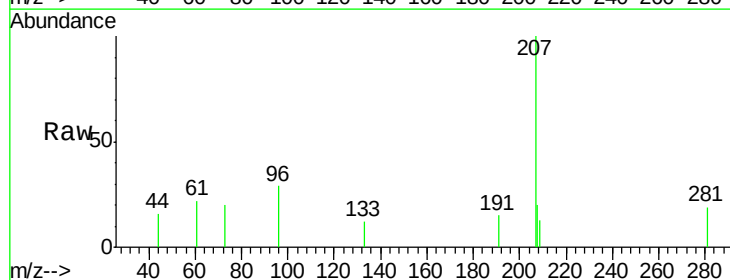
Tgt Ion: 96 Resp: 784

Ion Ratio Lower Upper

96 100

61 75.8 135.4 203.0#

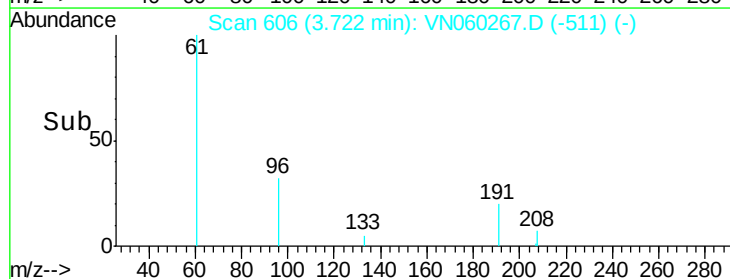
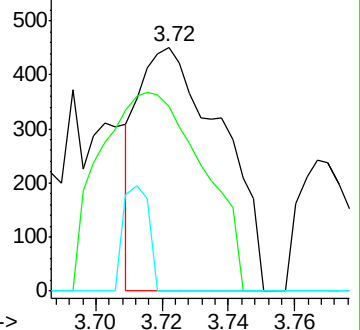
98 0.0 51.6 77.4#

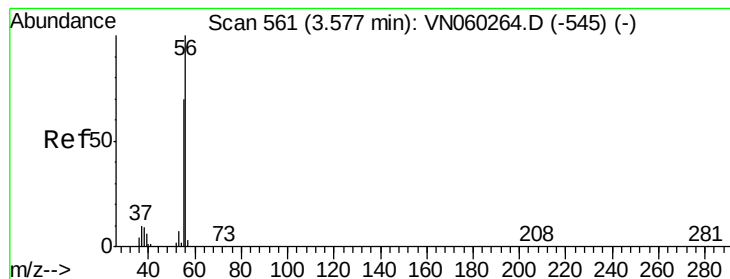


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 2.539 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

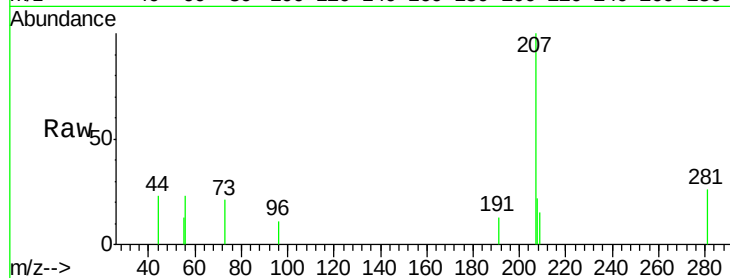
IBLK

Tot Ion: 56 Resp: 796

Ion Ratio Lower Upper

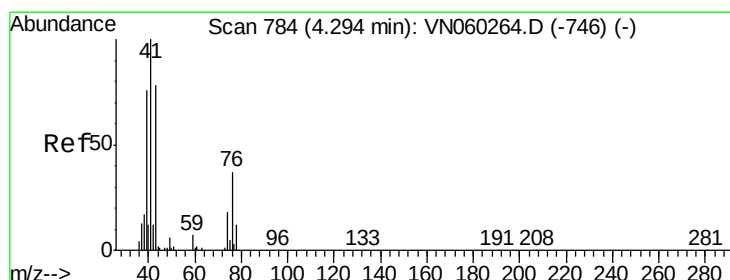
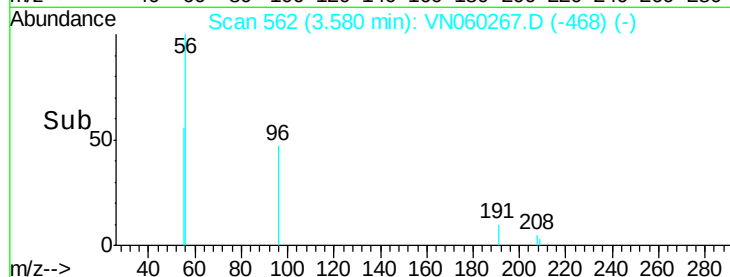
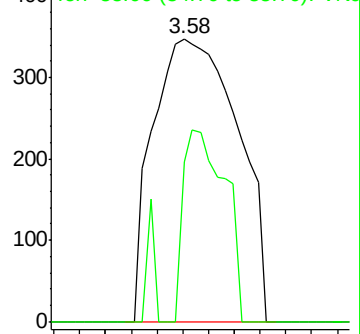
56 100

55 33.5 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: Below Cal

RT: 4.28 min Scan# 781

Delta R.T. -0.01 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

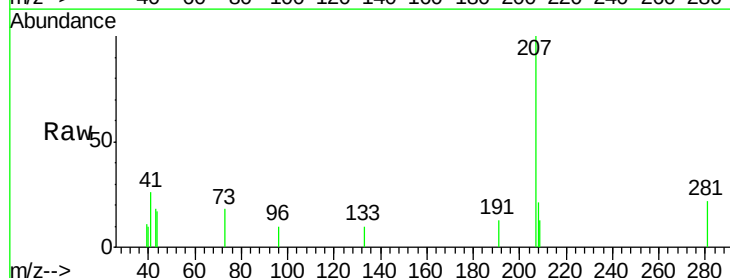
Tgt Ion: 41 Resp: 889

Ion Ratio Lower Upper

41 100

39 19.3 55.4 83.2#

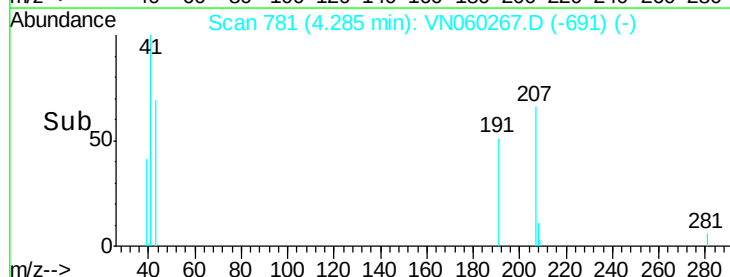
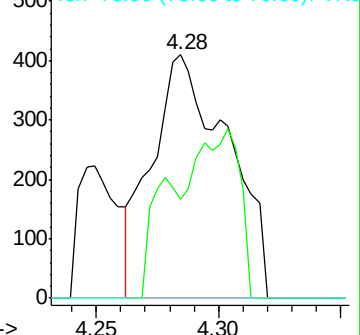
76 0.0 27.0 40.6#

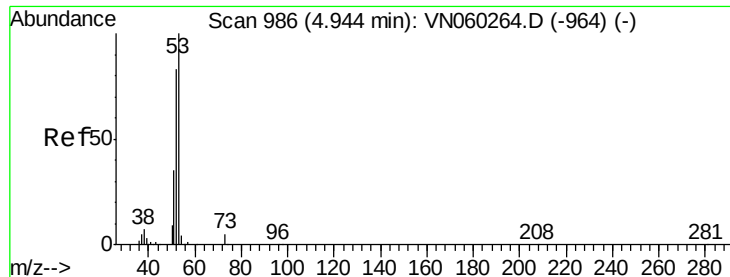


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 1.074 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

IBLK

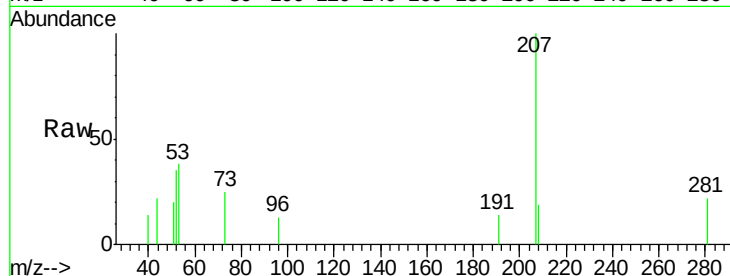
Tot Ion: 53 Resp: 983

Ion Ratio Lower Upper

53 100

52 149.4 66.8 100.2#

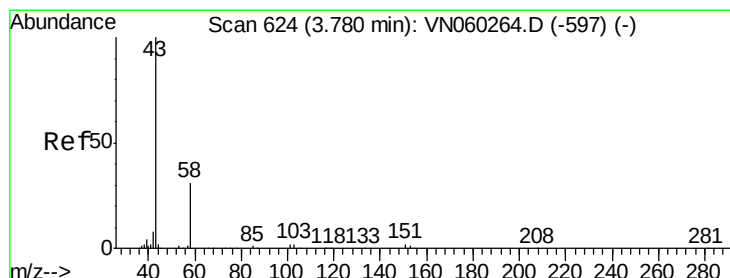
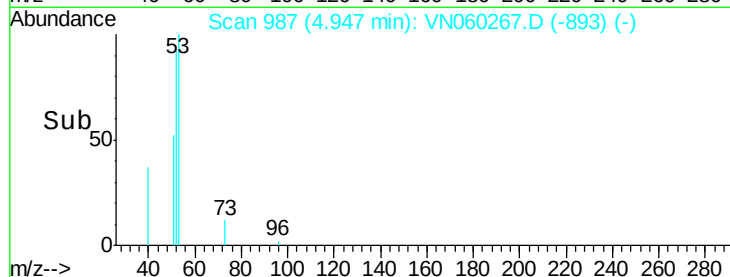
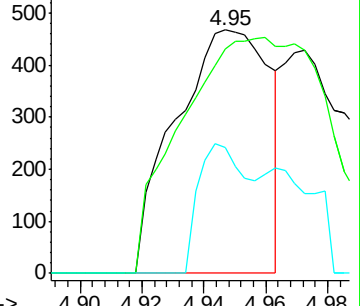
51 28.2 29.0 43.6#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 2.578 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060267.D

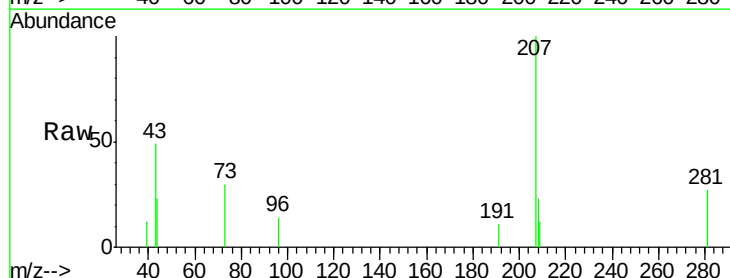
Acq: 27 Feb 2020 13:00

Tgt Ion: 43 Resp: 1873

Ion Ratio Lower Upper

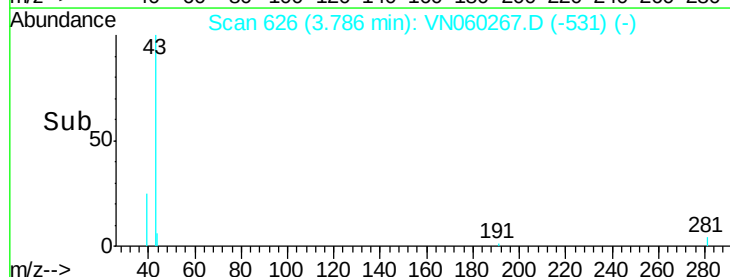
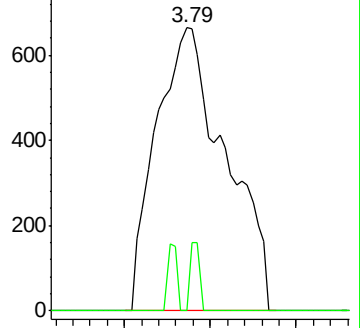
43 100

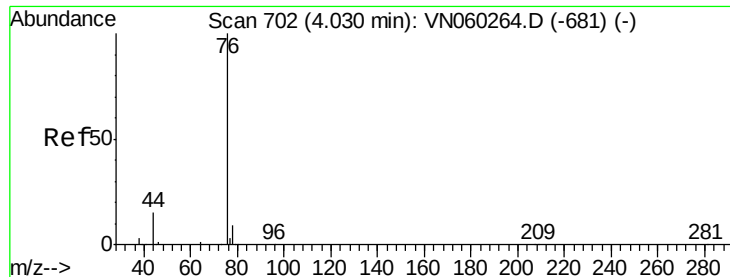
58 0.0 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.965 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

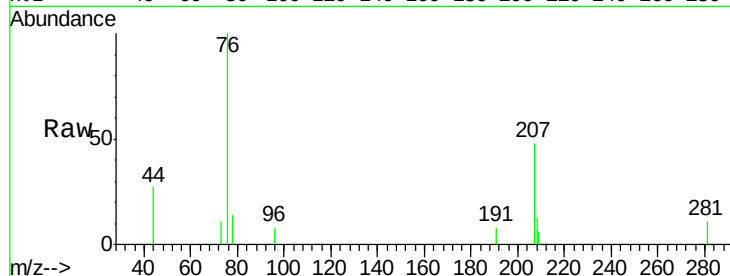
IBLK

Tot Ion: 76 Resp: 7305

Ion Ratio Lower Upper

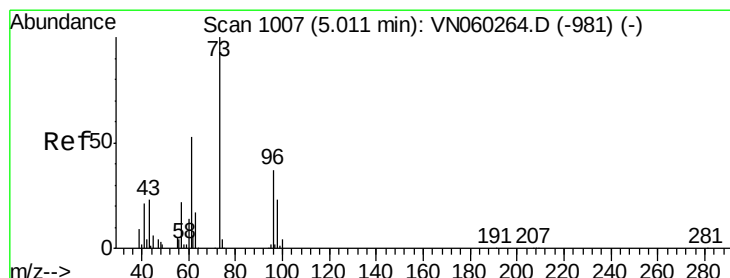
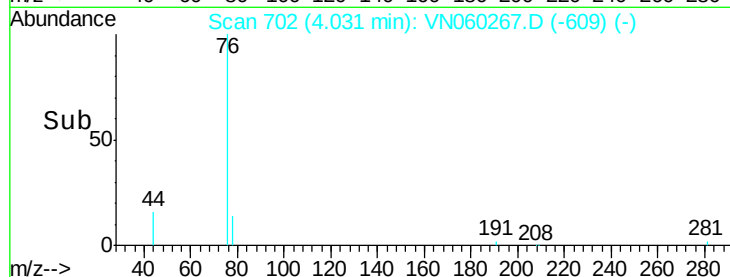
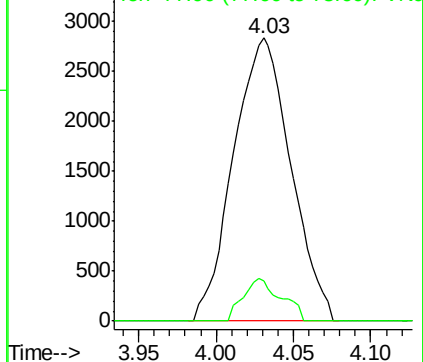
76 100

78 14.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 0.771 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

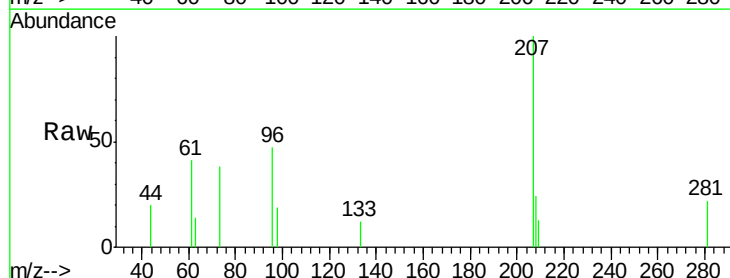
Tgt Ion: 96 Resp: 2006

Ion Ratio Lower Upper

96 100

61 87.9 113.8 170.8#

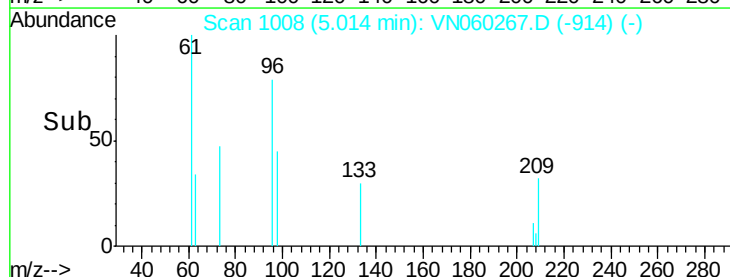
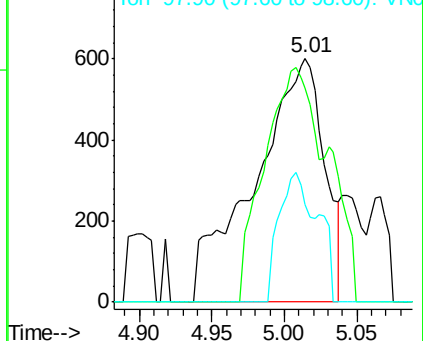
98 39.9 48.8 73.2#

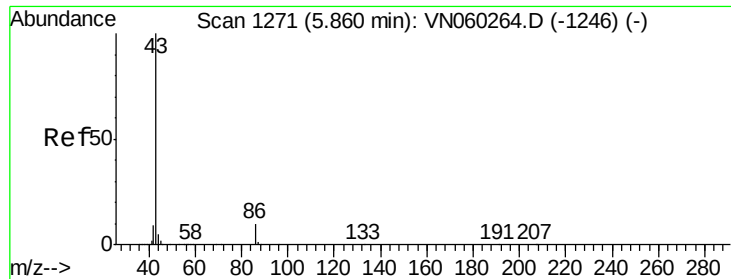


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#23

Vinyl Acetate

Concen: 0.480 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

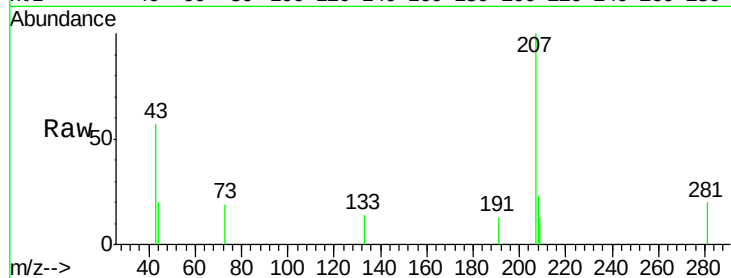
IBLK

Tot Ion: 43 Resp: 2442

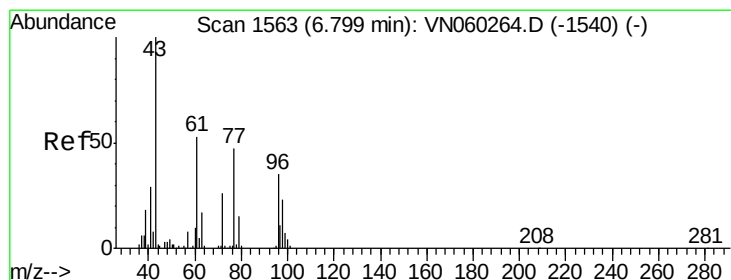
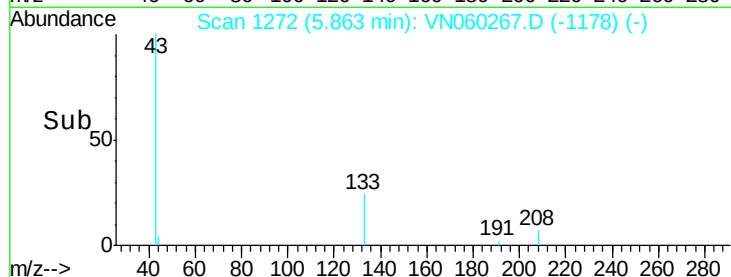
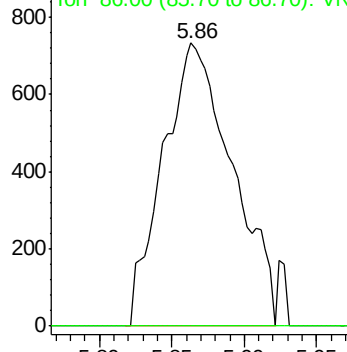
Ion Ratio Lower Upper

43 100

86 0.0 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VN060267.D (-1178) (-)



#25

2-Butanone

Concen: 1.559 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VN060267.D

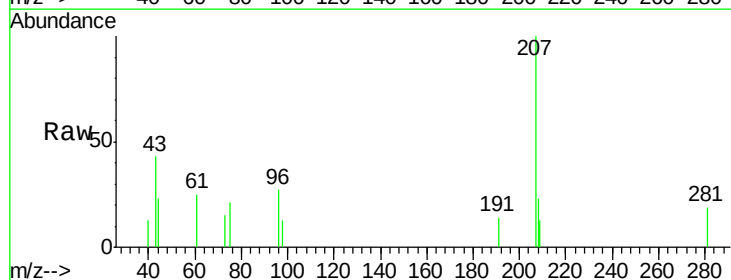
Acq: 27 Feb 2020 13:00

Tgt Ion: 43 Resp: 1851

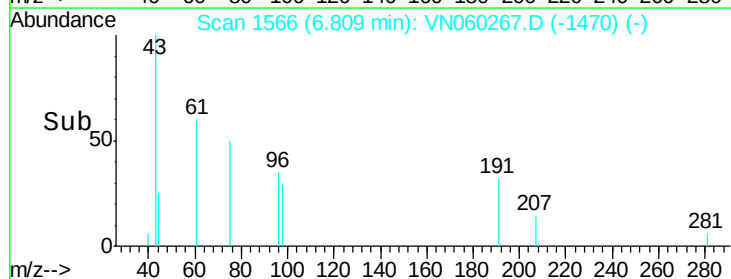
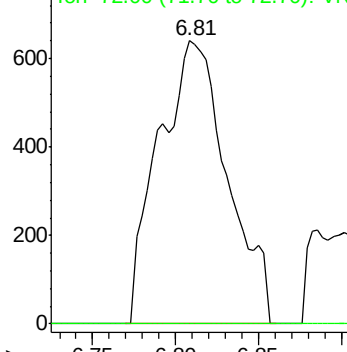
Ion Ratio Lower Upper

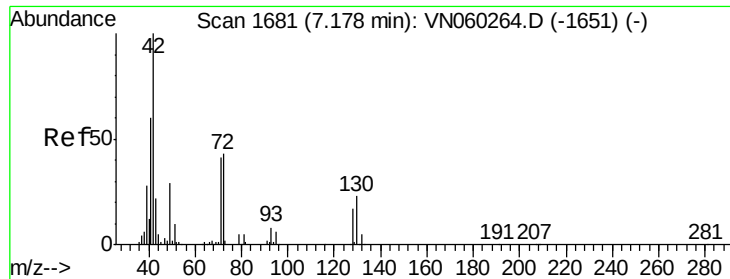
43 100

72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VN060267.D (-1470) (-)

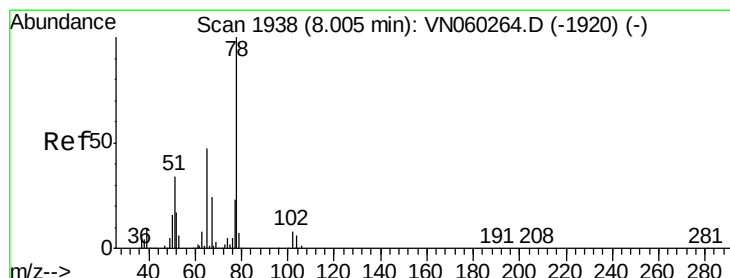
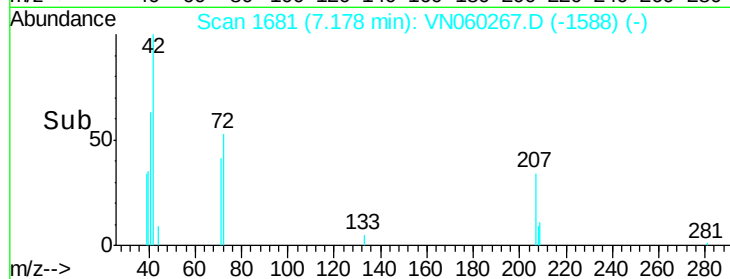
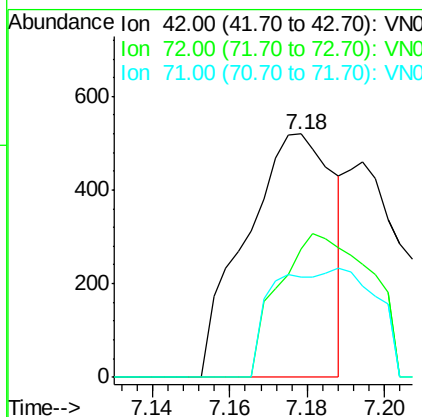
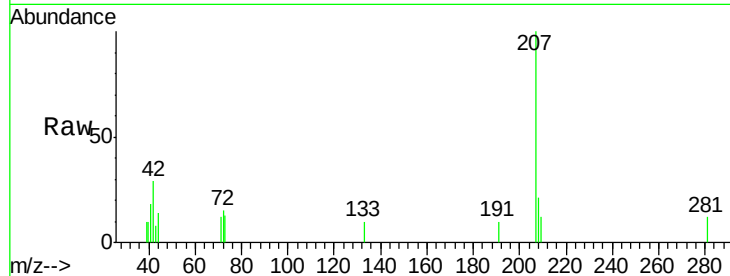




#29
Tetrahydrofuran
Concen: 0.965 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

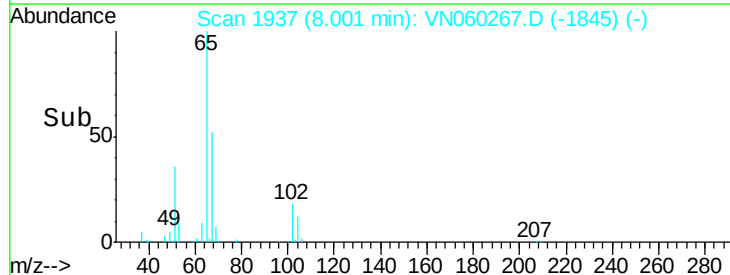
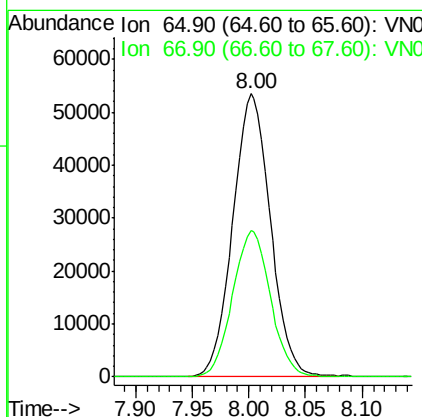
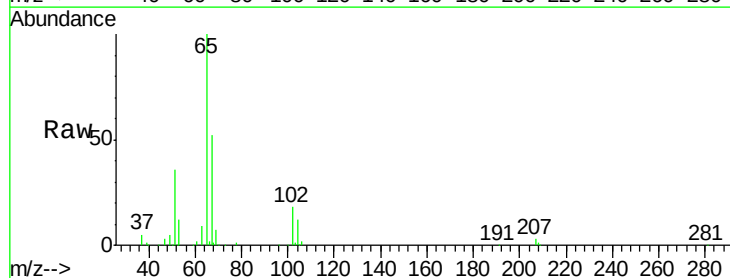
Instrument :
MSVOA_N
ClientSampleId :
IBLK

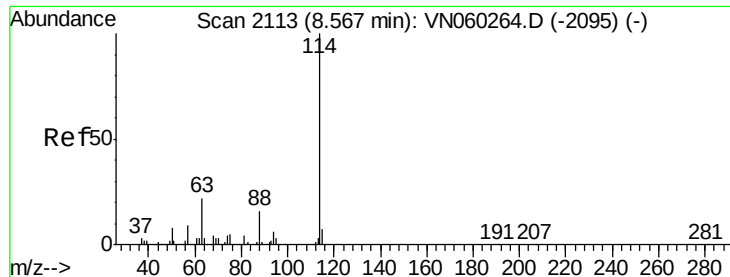
Tot Ion: 42 Resp: 818
Ion Ratio Lower Upper
42 100
72 62.0 34.6 52.0#
71 52.3 32.9 49.3#



#33
1,2-Dichloroethane-d4
Concen: 54.752 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Tgt Ion: 65 Resp: 123928
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

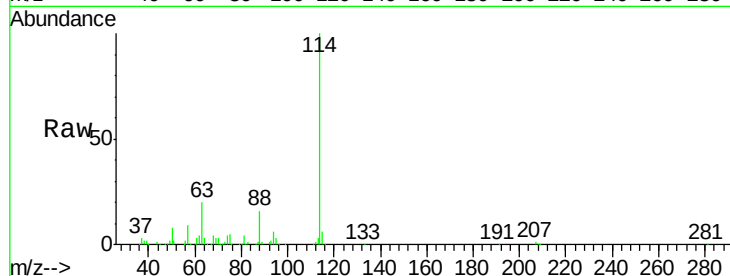




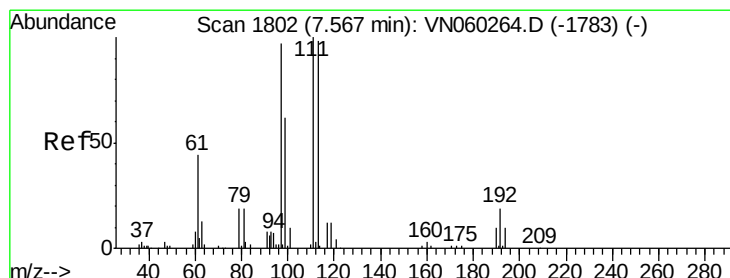
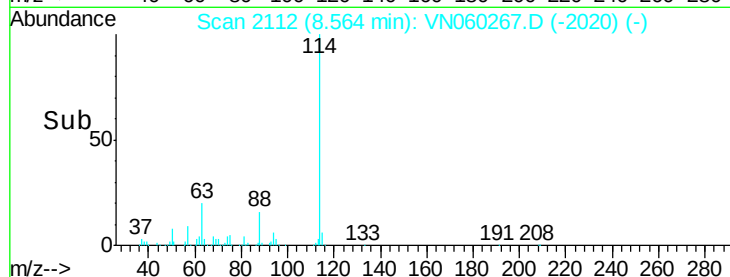
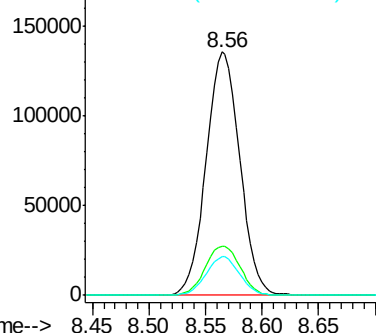
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

Tot Ion:114 Resp: 281355
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.2
 88 15.7 0.0 31.6

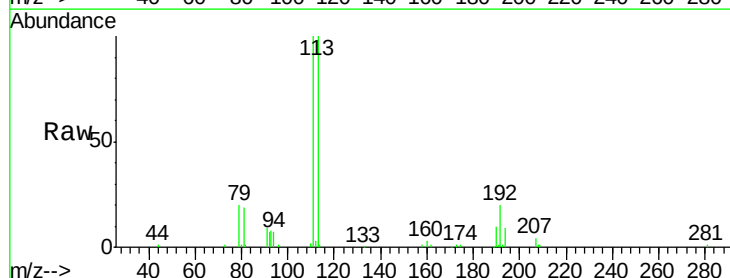


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

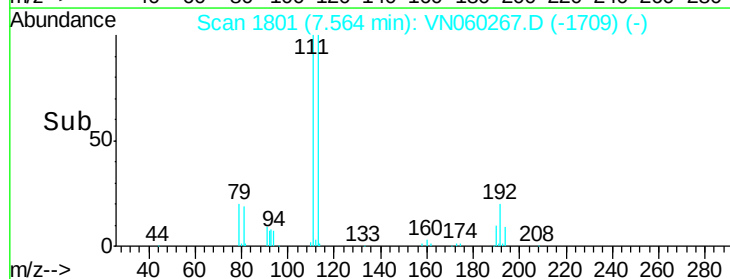
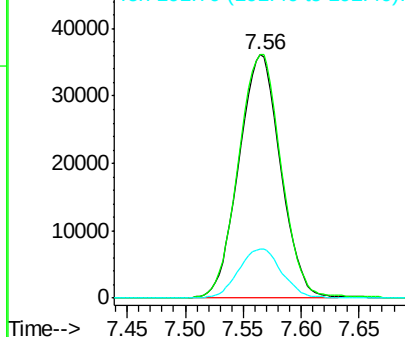


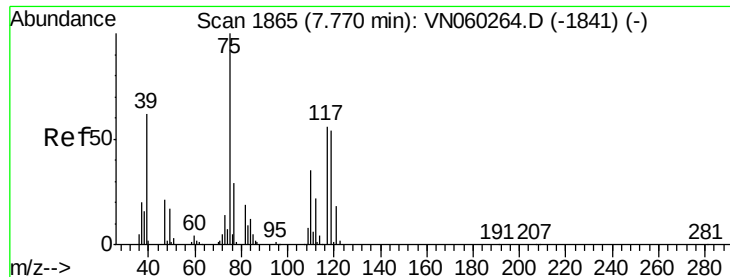
#35
 Dibromofluoromethane
 Concen: 69.459 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion:113 Resp: 90710
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 20.7 16.2 24.2



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

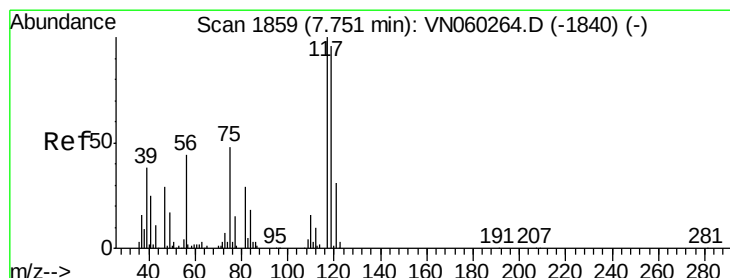
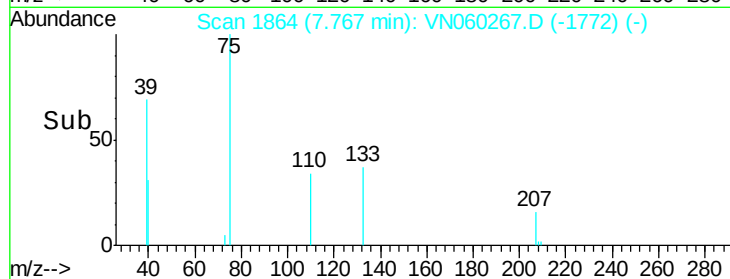
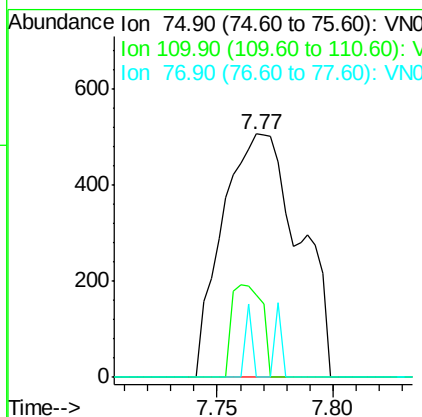
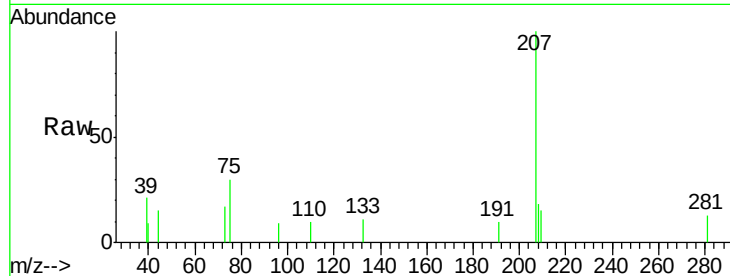




#36
 1,1-Dichloropropene
 Concen: 0.431 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

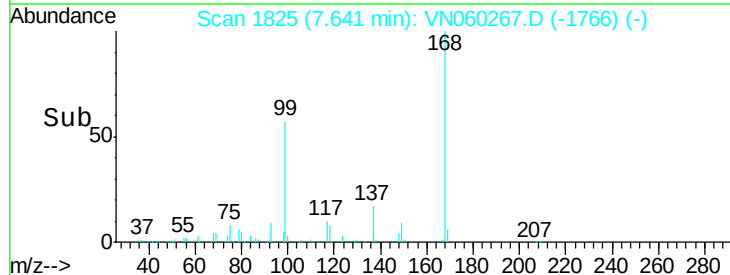
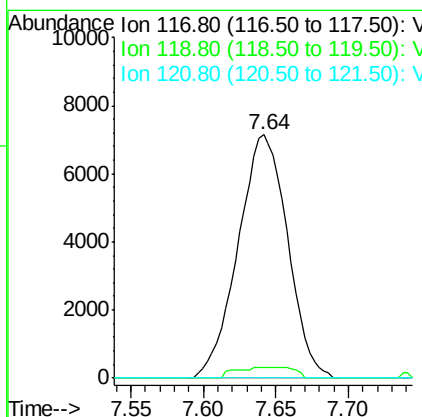
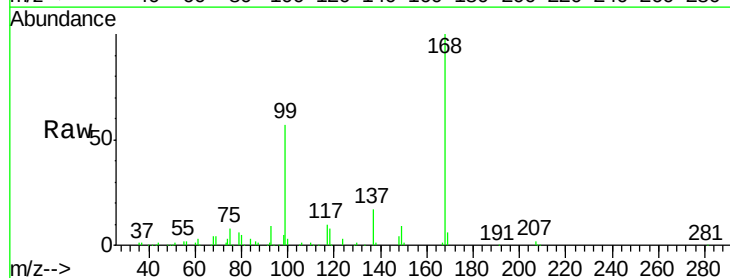
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

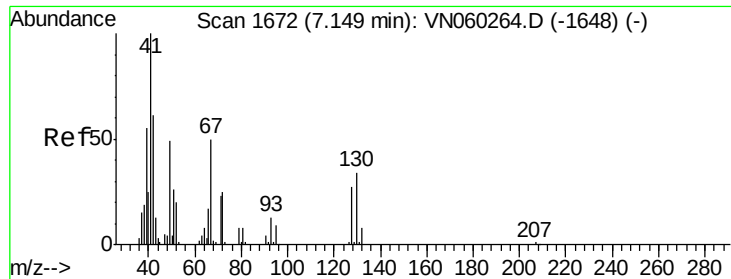
Tot Ion	Ratio	Lower	Upper
75	100		
110	14.7	17.3	52.0#
77	2.5	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.343 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.7	115.1#
121	0.0	24.5	36.7#

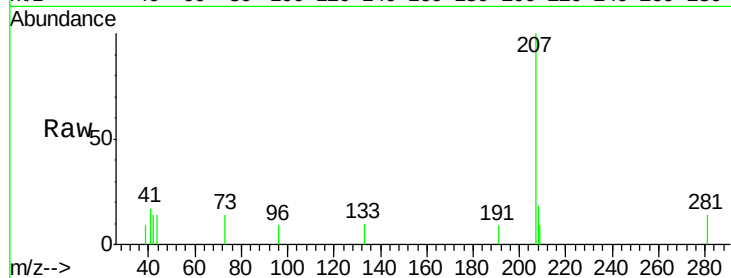




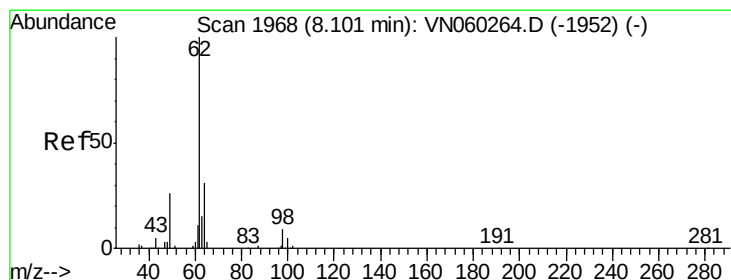
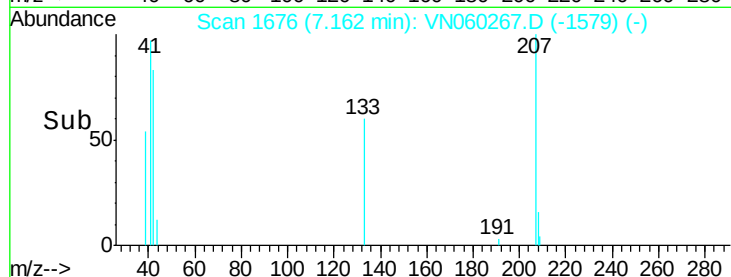
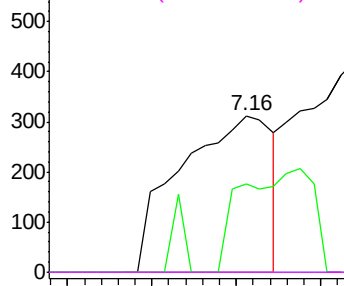
#41
Methacrylonitrile
Concen: 0.391 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:	41	Resp:	476
Ion	Ratio	Lower	Upper
41	100		
39	50.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

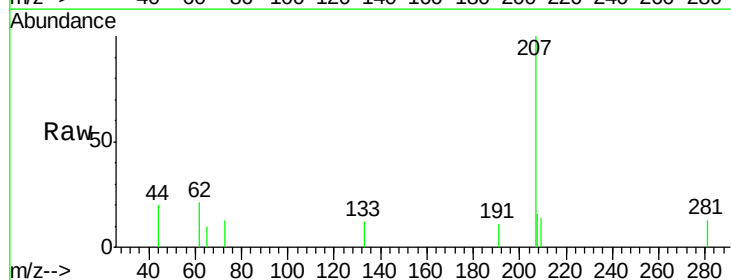


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

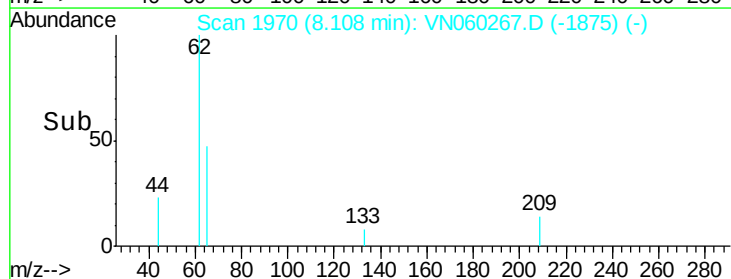
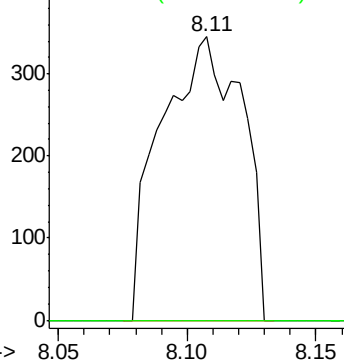


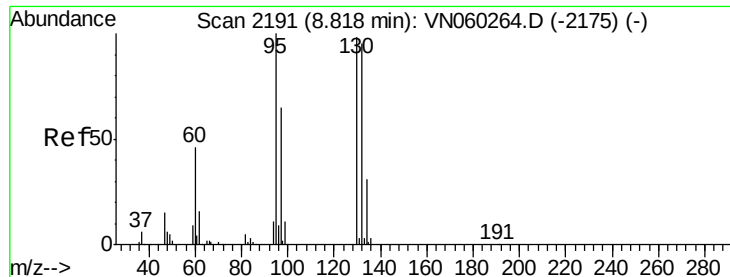
#42
1,2-Dichloroethane
Concen: 0.263 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.01 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Tgt Ion:	62	Resp:	757
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#44

Trichloroethene

Concen: 0.424 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

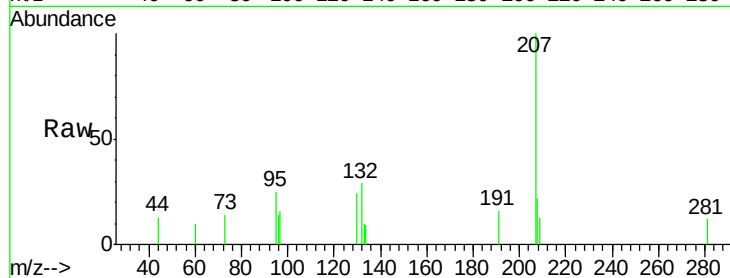
IBLK

Tot Ion:130 Resp: 930

Ion Ratio Lower Upper

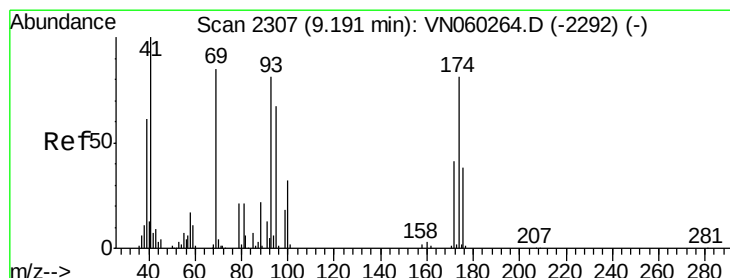
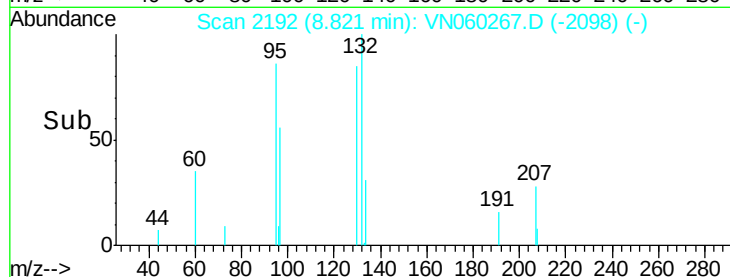
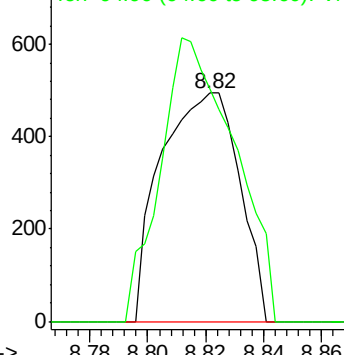
130 100

95 101.6 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#46

Dibromomethane

Concen: 0.212 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

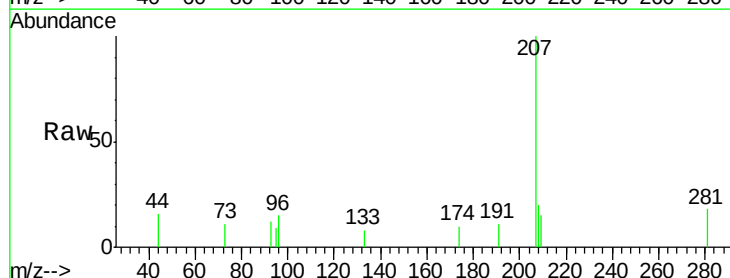
Tgt Ion: 93 Resp: 286

Ion Ratio Lower Upper

93 100

95 70.3 65.9 98.9

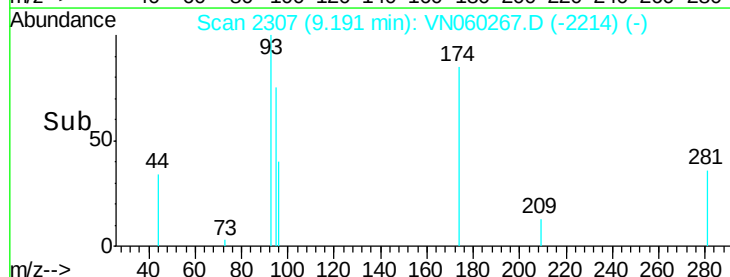
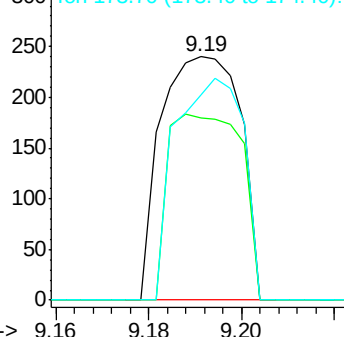
174 78.3 79.6 119.4#

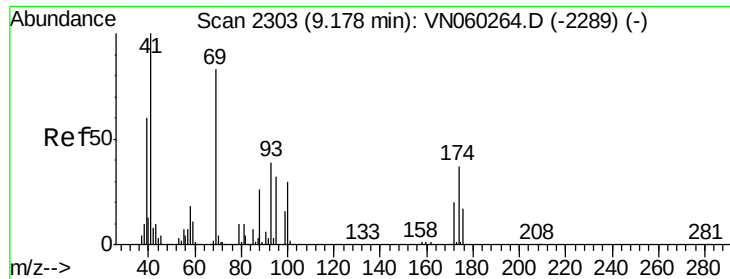


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

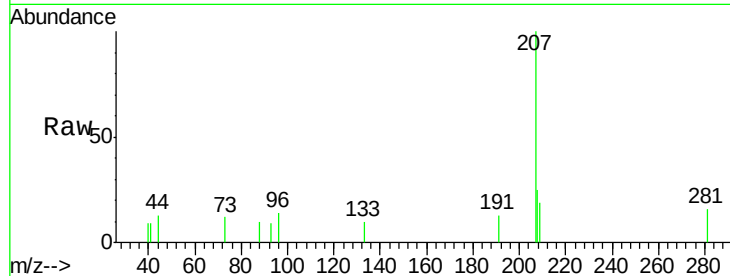




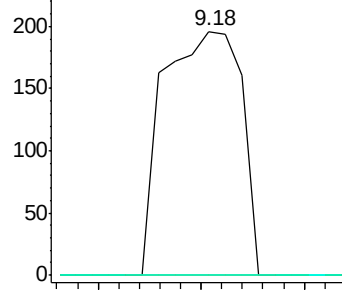
#49
1,4-Dioxane
Concen: Below Cal
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Instrument :
MSVOA_N
ClientSampled :
IBLK

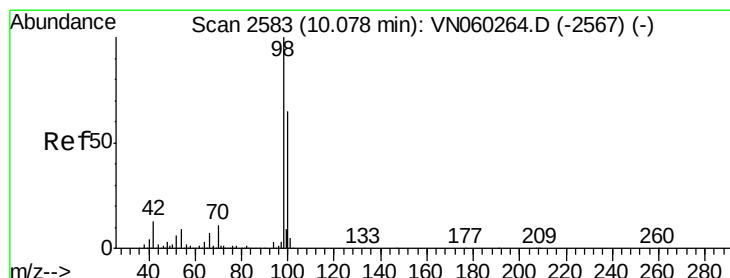
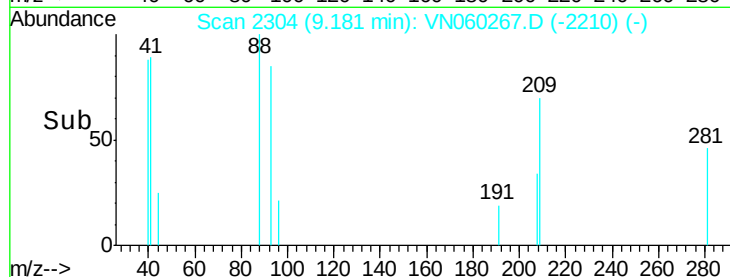
Tot Ion: 88 Resp: 205
Ion Ratio Lower Upper
88 100
43 0.0 30.4 45.6#
58 0.0 57.0 85.6#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

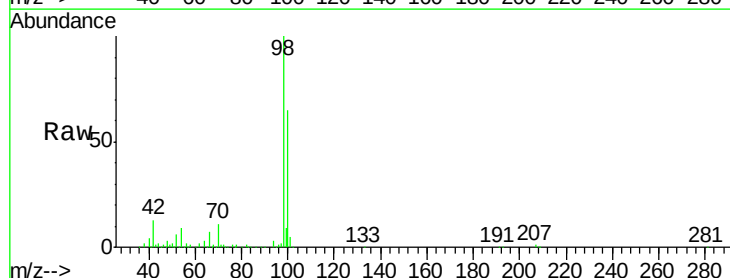


Time-->

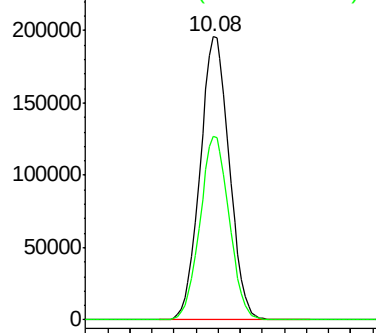


#50
Toluene-d8
Concen: 54.347 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

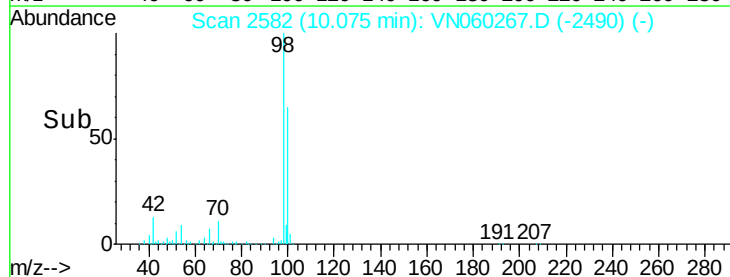
Tgt Ion: 98 Resp: 359214
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

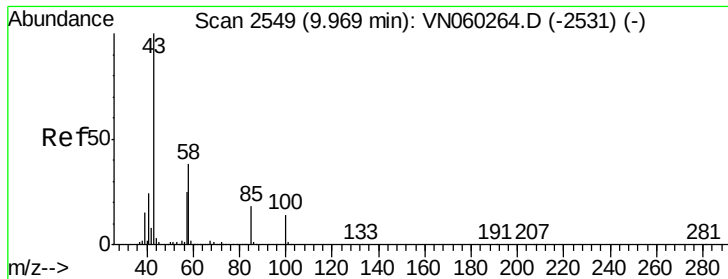


Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.840 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

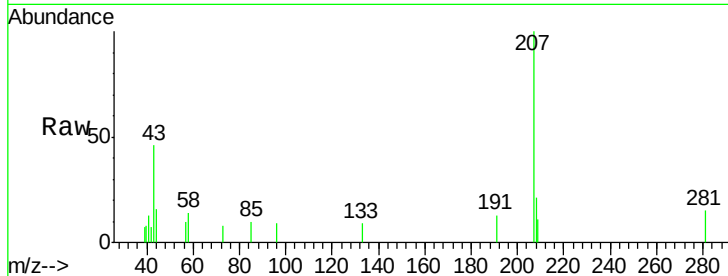
IBLK

Tot Ion: 43 Resp: 2141

Ion Ratio Lower Upper

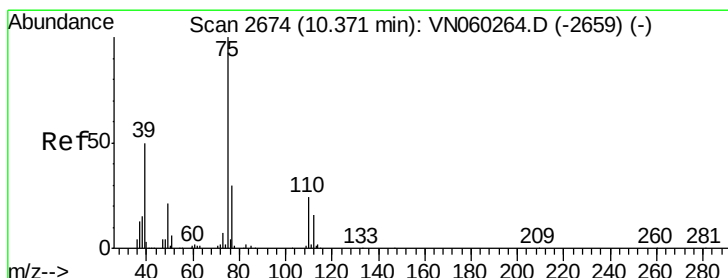
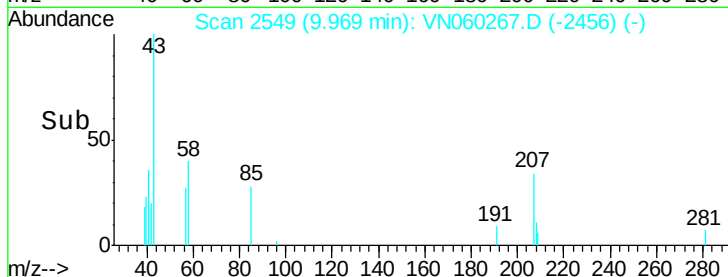
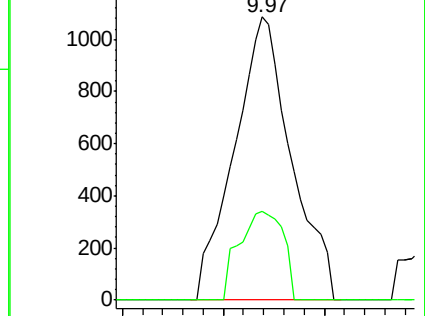
43 100

58 24.3 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.389 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN060267.D

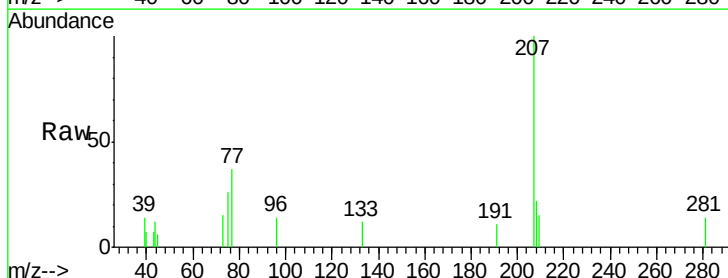
Acq: 27 Feb 2020 13:00

Tgt Ion: 75 Resp: 1287

Ion Ratio Lower Upper

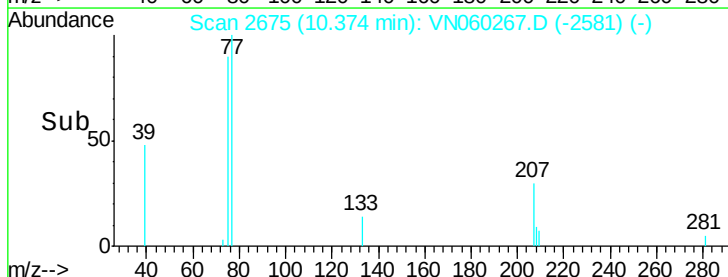
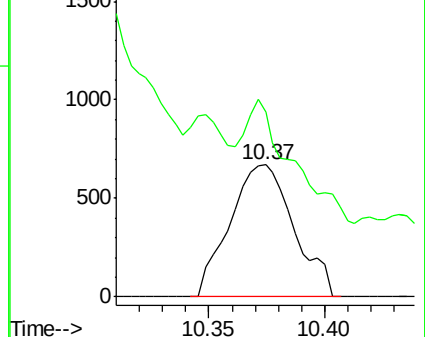
75 100

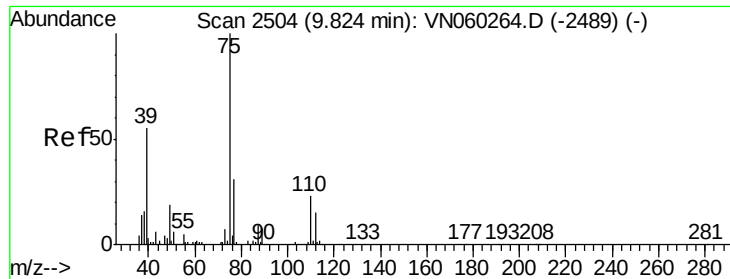
77 71.8 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



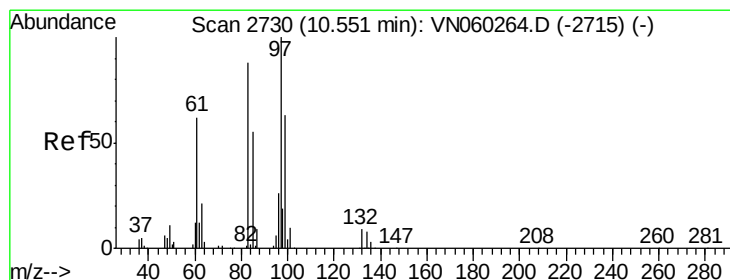
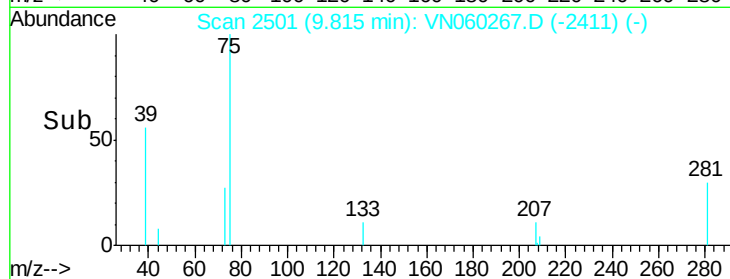
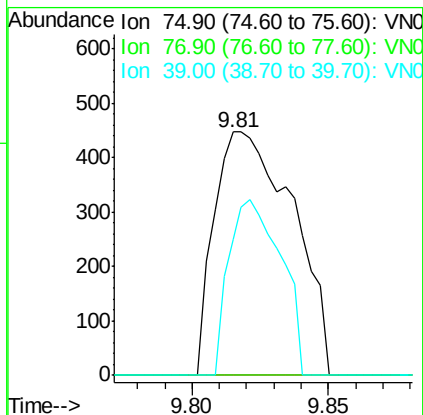
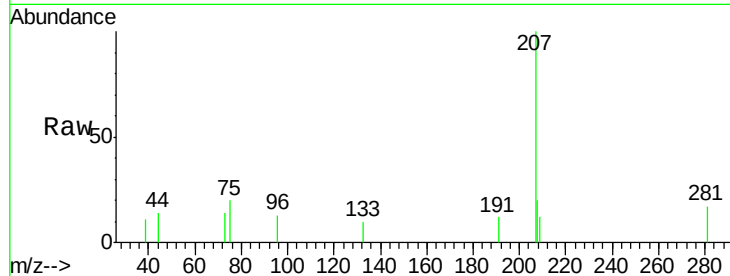


#54

cis-1,3-Dichloropropene
 Concen: 0.256 ug/l
 RT: 9.81 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

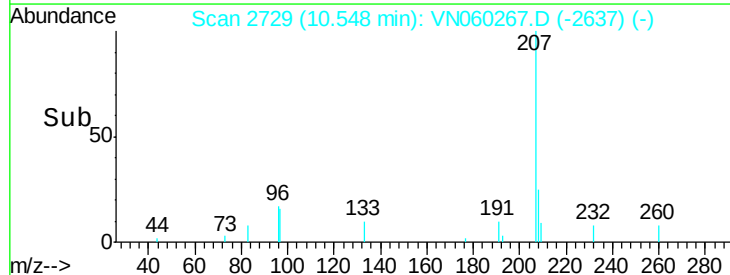
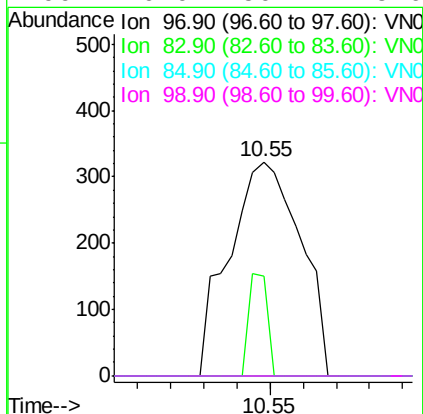
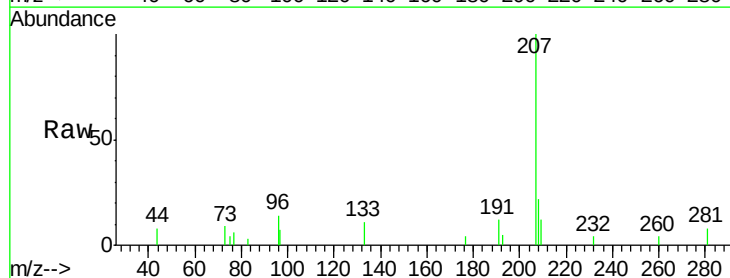
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	55.9	43.8	65.8

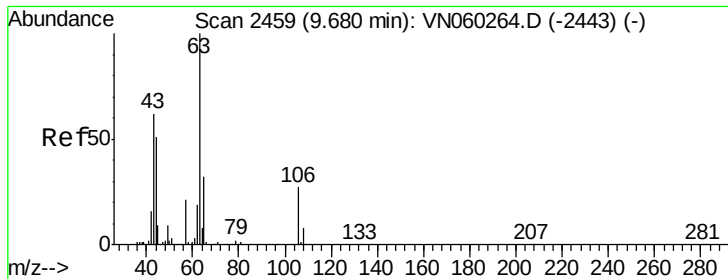


#55

1,1,2-Trichloroethane
 Concen: 0.241 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	46.6	70.0	105.0#
85	0.0	44.0	66.0#
99	0.0	50.4	75.6#

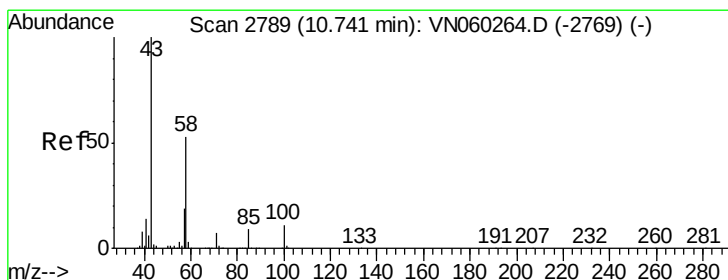
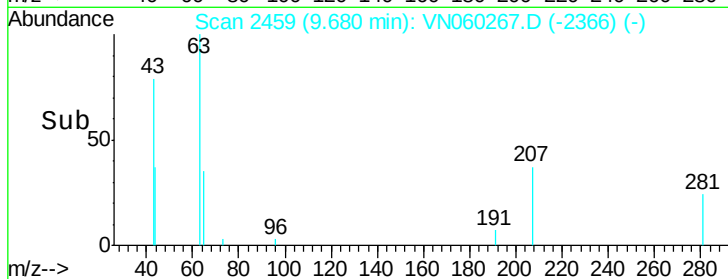
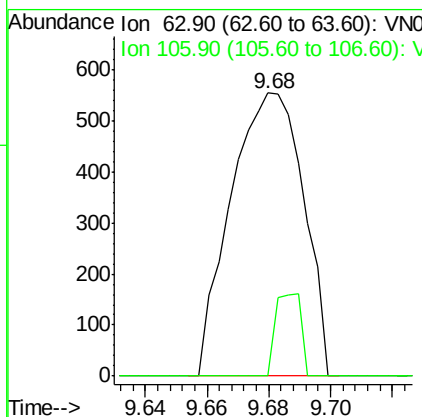
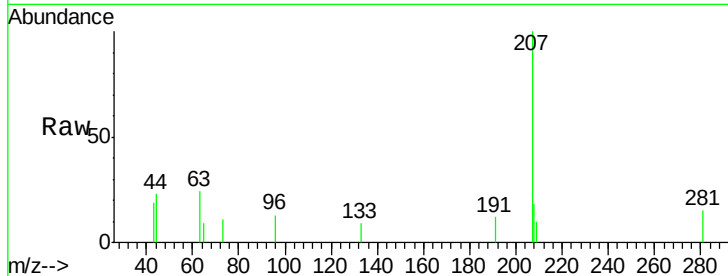




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.587 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

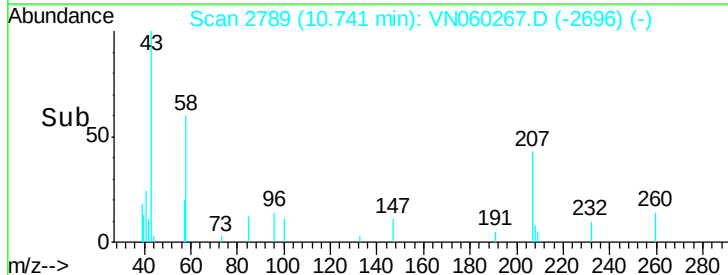
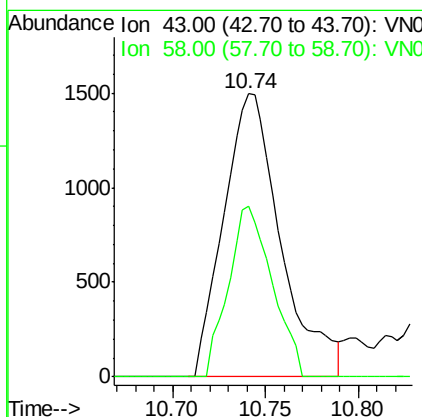
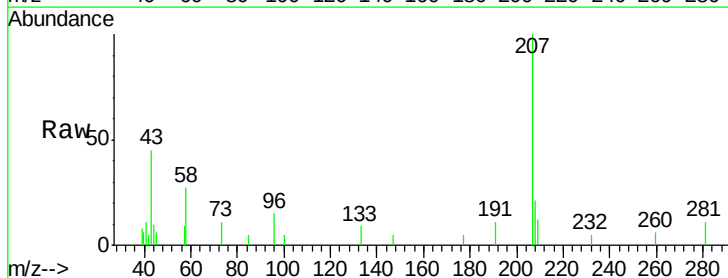
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

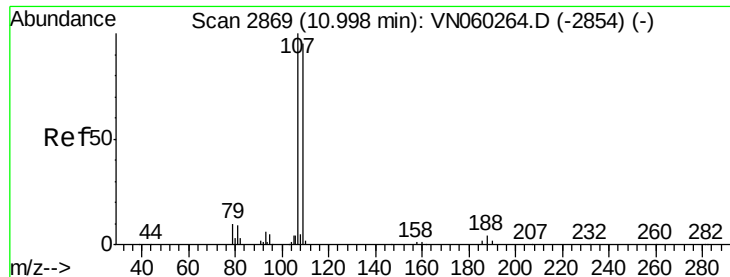
Tot Ion: 63 Resp: 905
 Ion Ratio Lower Upper
 63 100
 106 10.2 21.1 31.7#



#59
 2-Hexanone
 Concen: 1.697 ug/l
 RT: 10.74 min Scan# 2789
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion: 43 Resp: 3210
 Ion Ratio Lower Upper
 43 100
 58 45.9 26.5 79.5





#61

1,2-Dibromoethane

Concen: 0.224 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

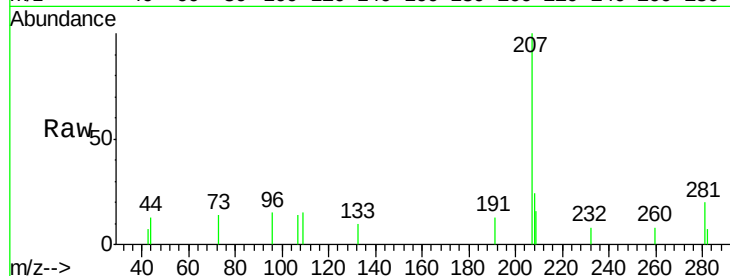
IBLK

Tot Ion:107 Resp: 439

Ion Ratio Lower Upper

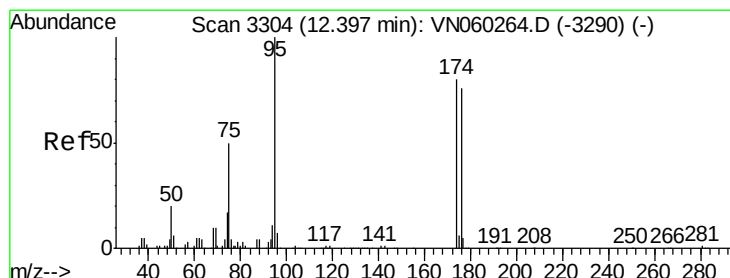
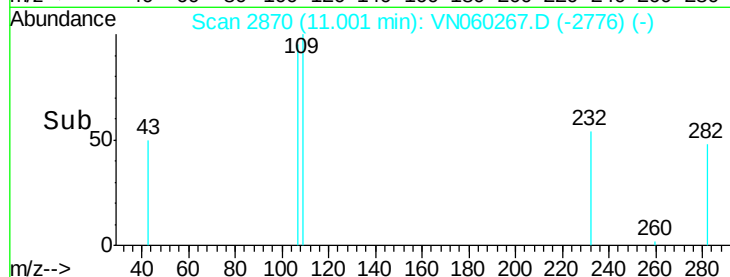
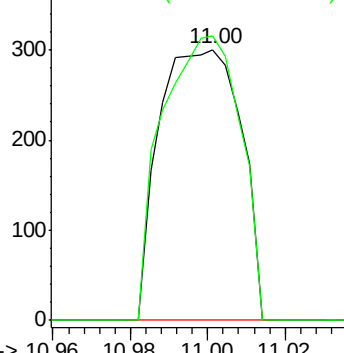
107 100

109 100.9 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.952 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

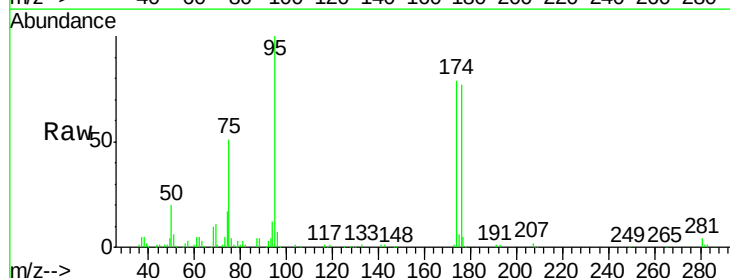
Tgt Ion: 95 Resp: 130169

Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.2

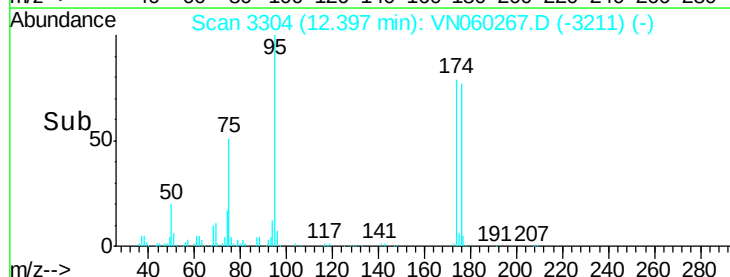
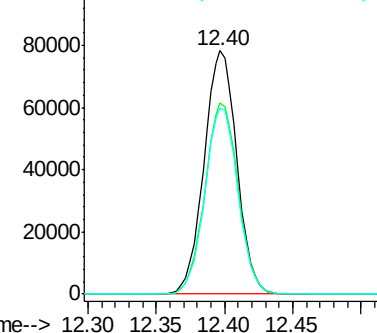
176 77.5 0.0 153.8

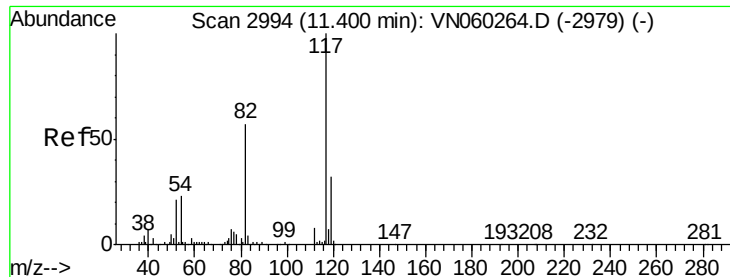


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

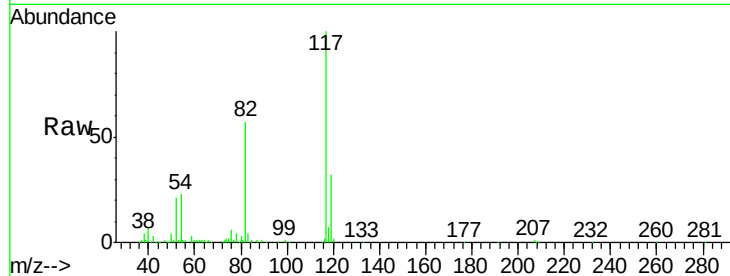




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.8	68.6
119	31.6	25.8	38.8

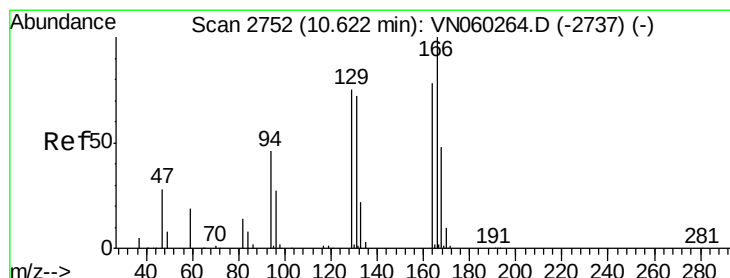
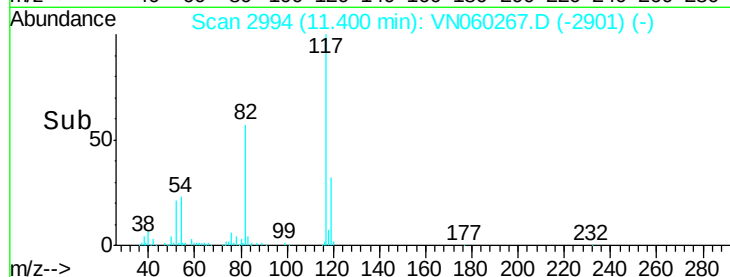
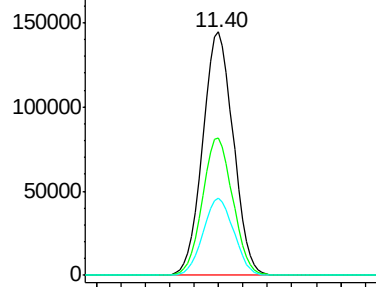


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: Below Cal
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	107.5	102.0	153.0
129	103.3	76.4	114.6
131	85.1	73.6	110.4

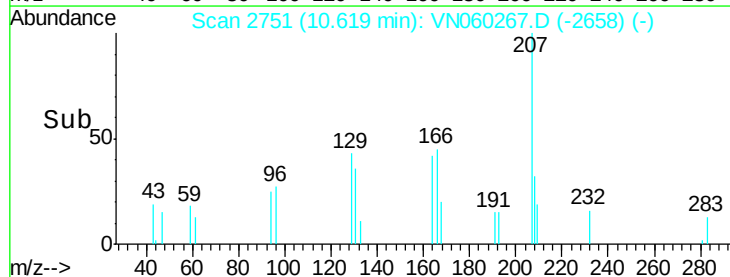
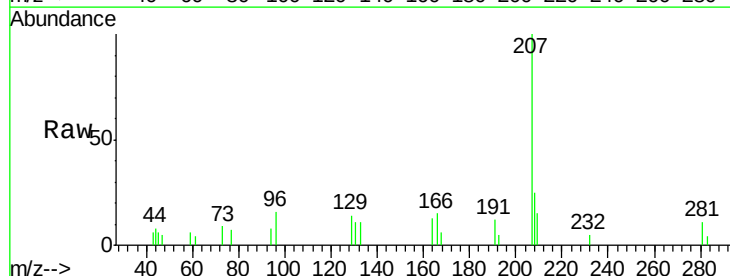
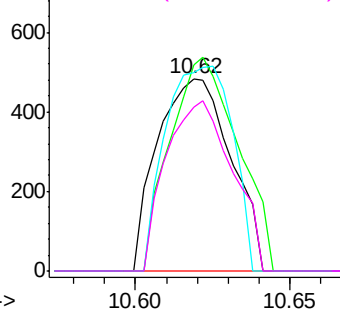
Abundance

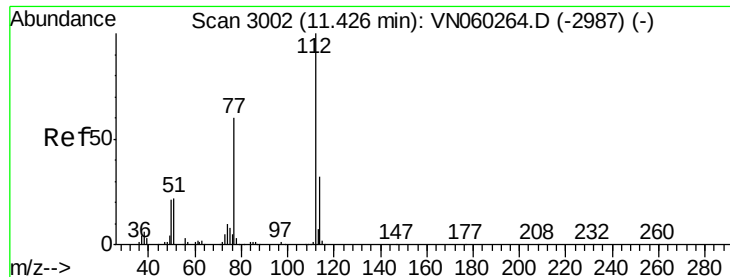
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 0.347 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

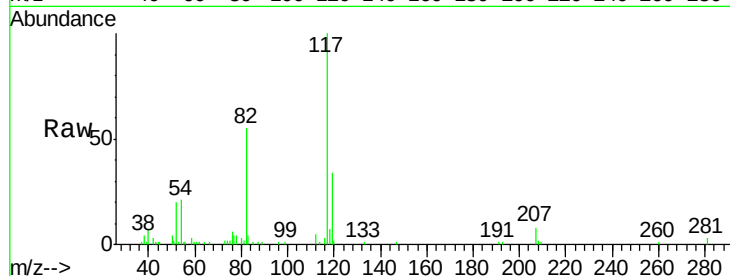
IBLK

Tot Ion:112 Resp: 1783

Ion Ratio Lower Upper

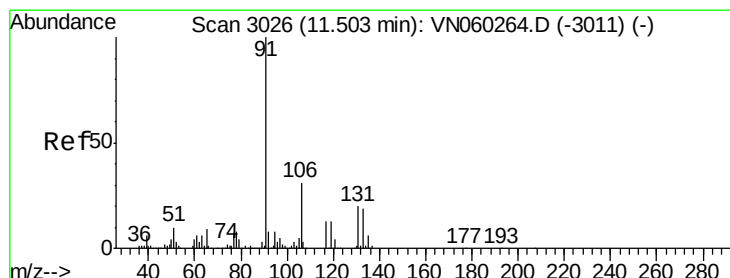
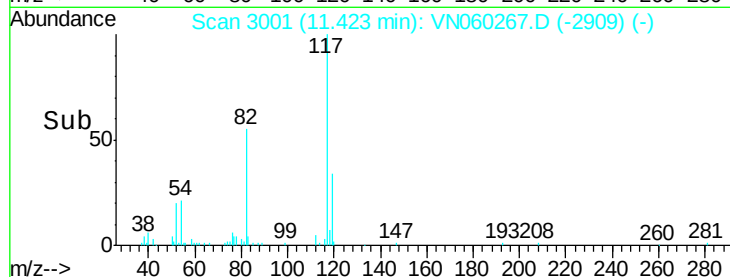
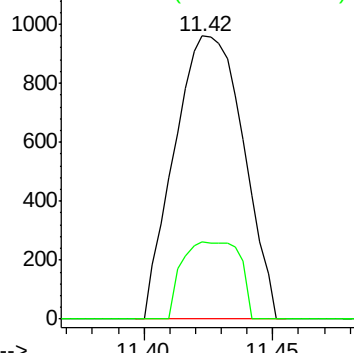
112 100

114 27.1 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 0.220 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060267.D

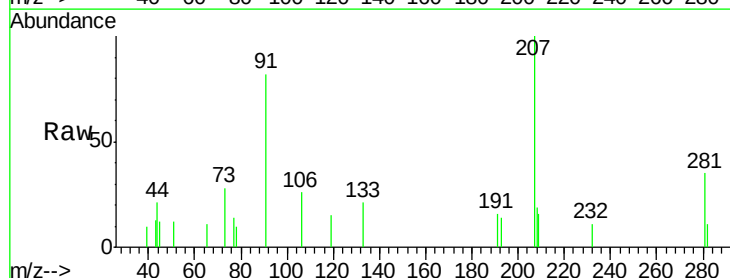
Acq: 27 Feb 2020 13:00

Tgt Ion: 91 Resp: 2058

Ion Ratio Lower Upper

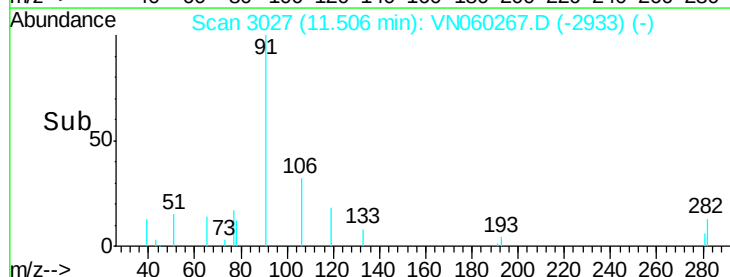
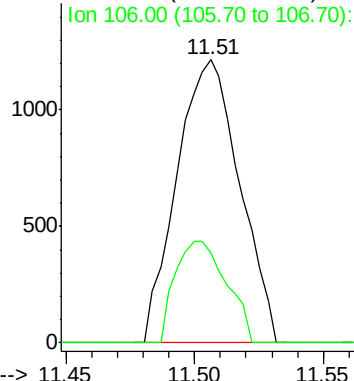
91 100

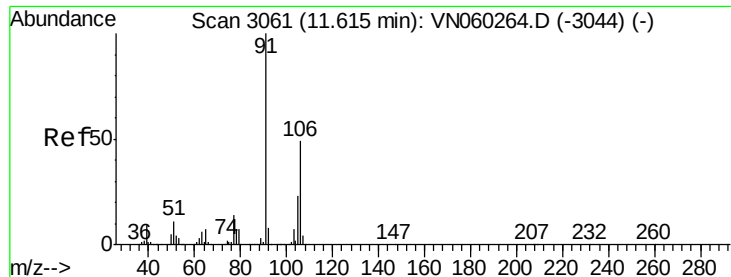
106 31.8 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

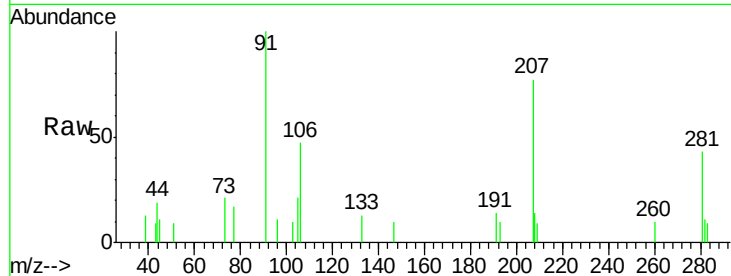




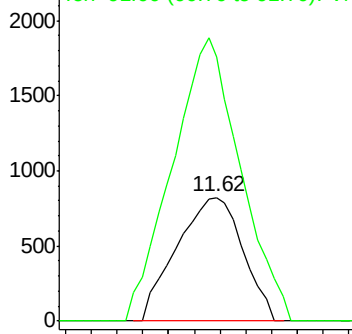
#68
m/p-Xylenes
Concen: 0.423 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Instrument :
MSVOA_N
ClientSampled :
IBLK

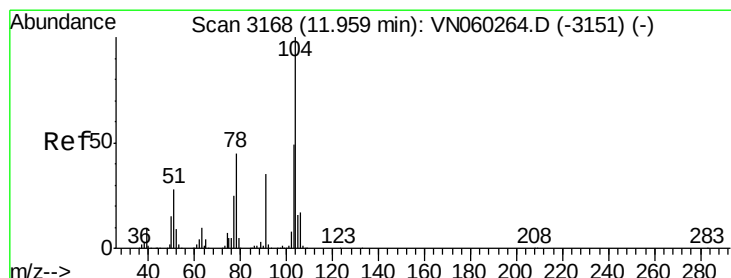
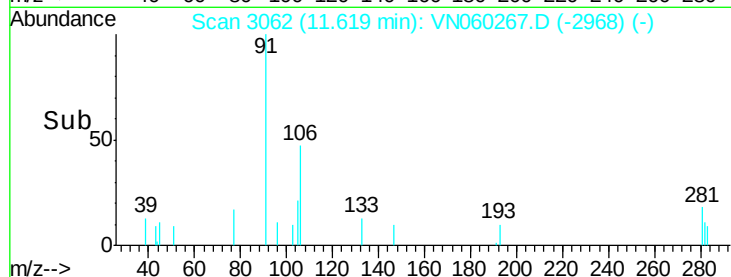
Tot Ion:106 Resp: 1472
Ion Ratio Lower Upper
106 100
91 234.8 164.5 246.7



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

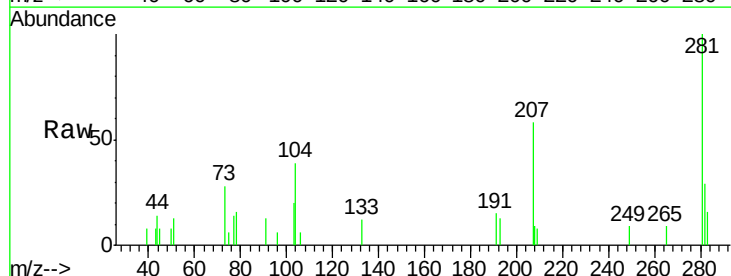


Time-->

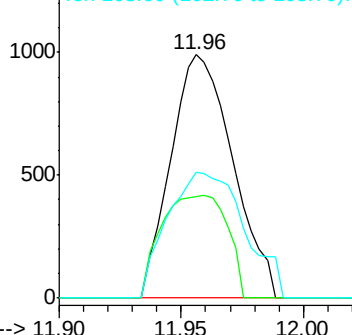


#70
Styrene
Concen: 0.315 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

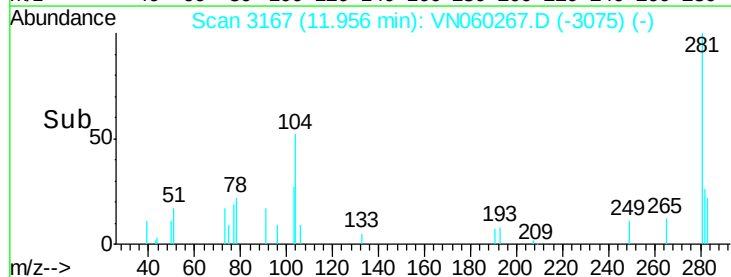
Tgt Ion:104 Resp: 1744
Ion Ratio Lower Upper
104 100
78 45.0 41.2 61.8
103 64.1 43.9 65.9

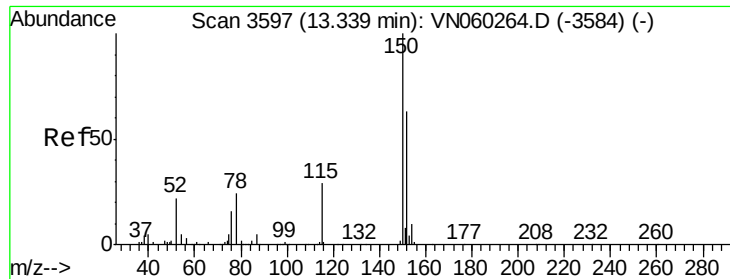


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->

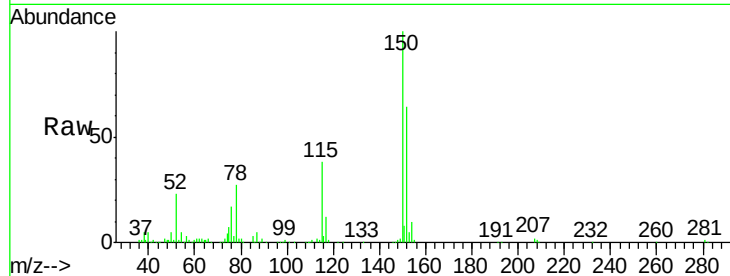




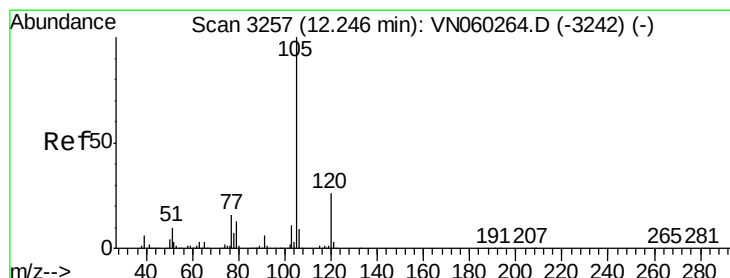
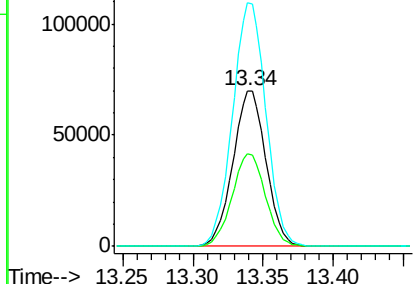
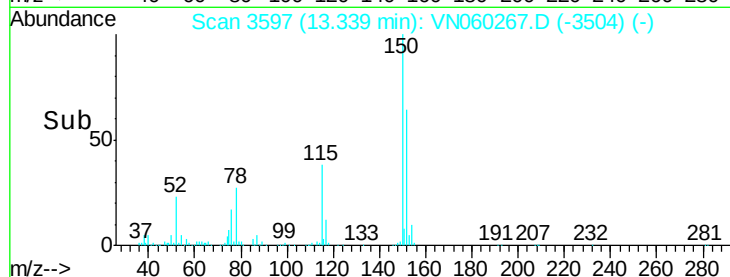
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

Tot Ion:152 Resp: 114933
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.0 90.0
 150 157.7 0.0 349.6

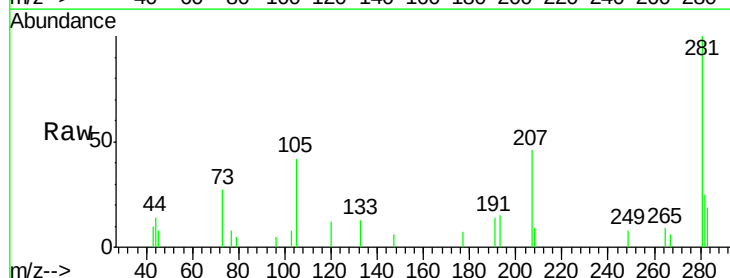


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

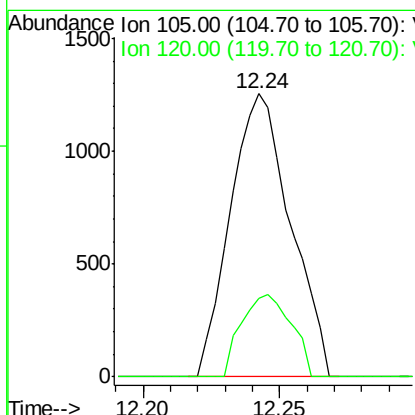
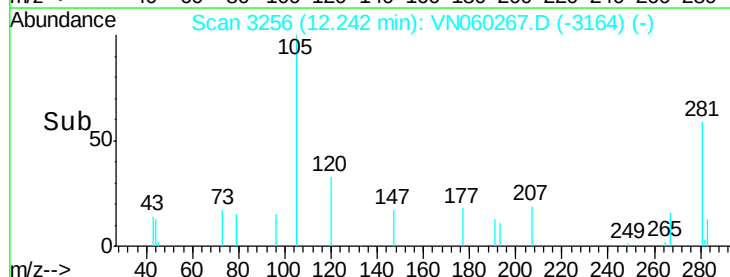


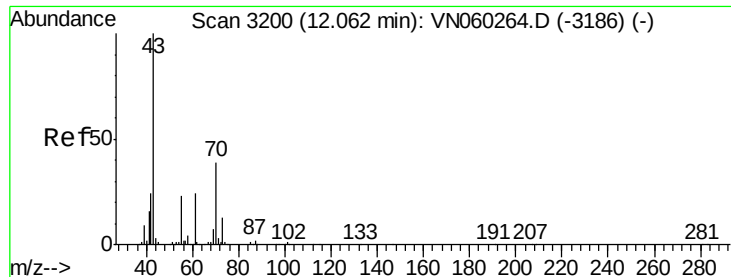
#73
 Isopropylbenzene
 Concen: 0.223 ug/l
 RT: 12.24 min Scan# 3256
 Delta R.T. -0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion:105 Resp: 1916
 Ion Ratio Lower Upper
 105 100
 120 24.2 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.393 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

IBLK

Tot Ion: 43 Resp: 1464

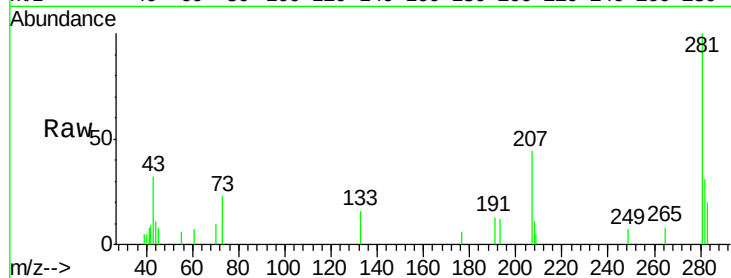
Ion Ratio Lower Upper

43 100

70 32.0 32.2 48.2#

55 15.9 18.2 27.4#

61 13.7 19.2 28.8#

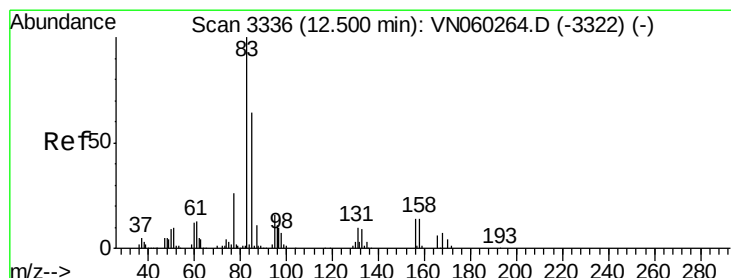
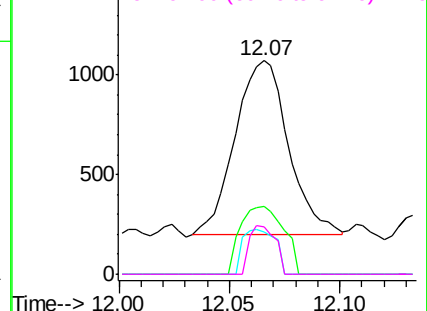
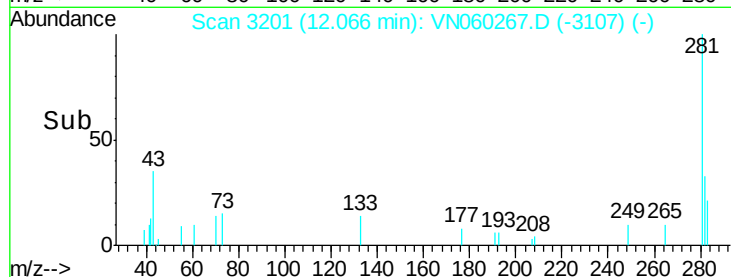


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 0.269 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

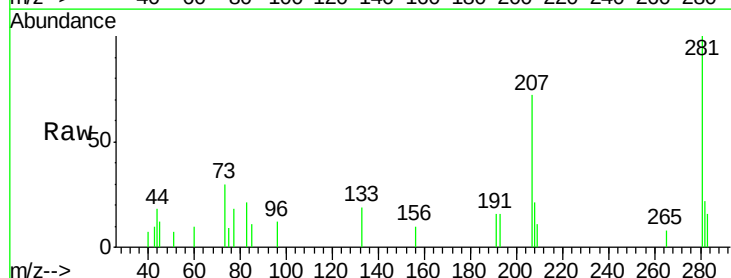
Tgt Ion: 83 Resp: 634

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

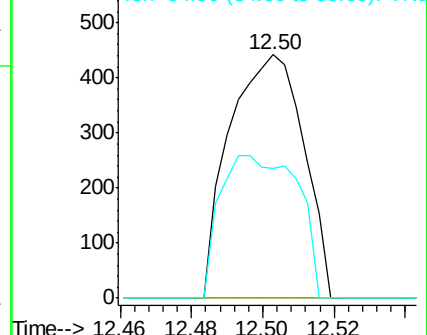
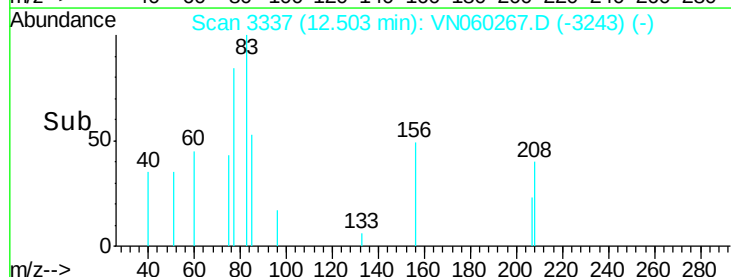
85 61.4 32.3 96.8

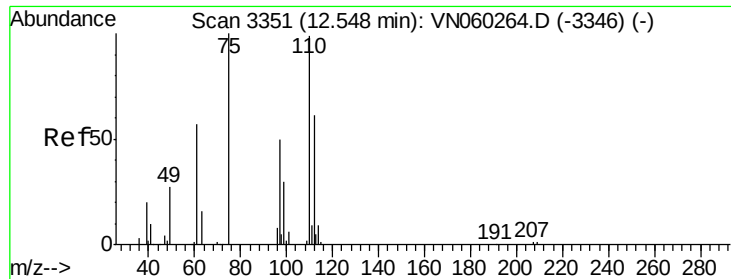


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 28.000 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

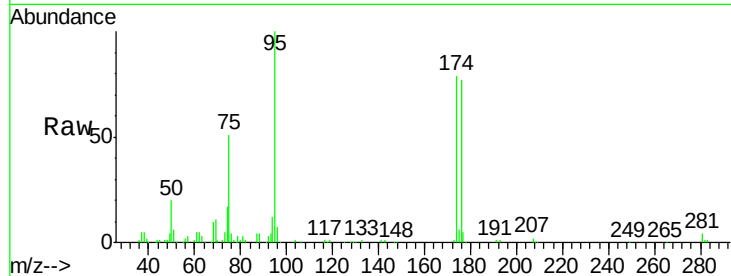
IBLK

Tot Ion: 75 Resp: 67519

Ion Ratio Lower Upper

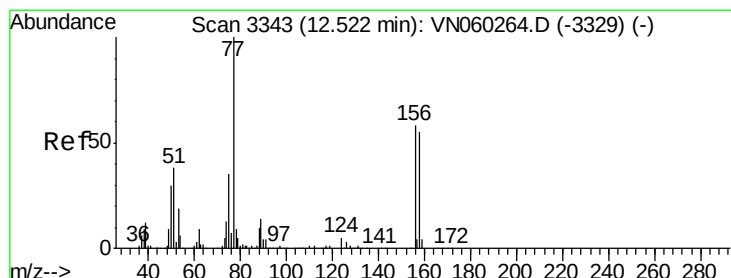
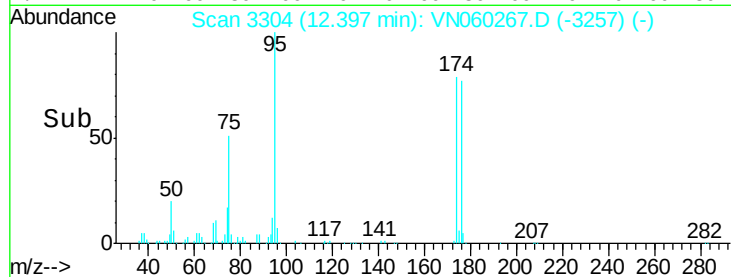
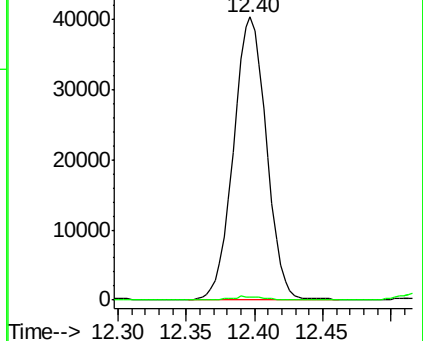
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN060267.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060267.D (-3346) (-)



#77

Bromobenzene

Concen: 0.470 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

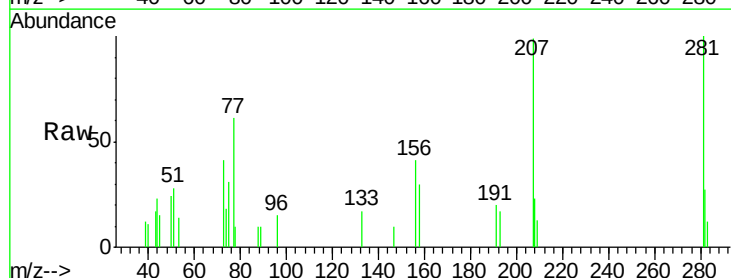
Tgt Ion: 156 Resp: 997

Ion Ratio Lower Upper

156 100

77 223.7 106.1 318.3

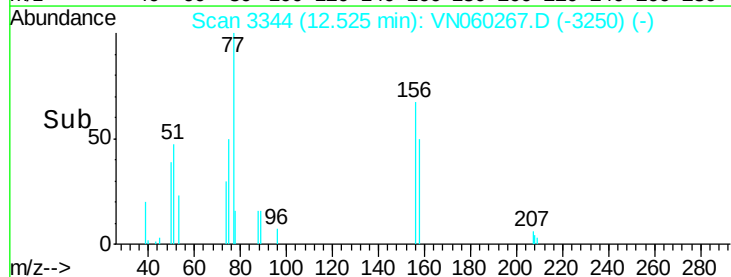
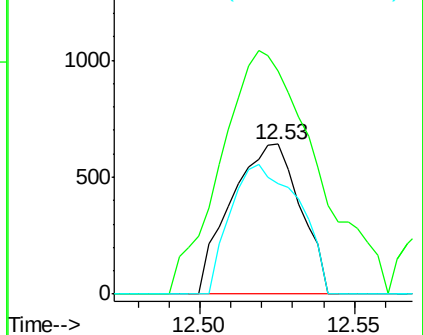
158 86.1 48.3 144.8

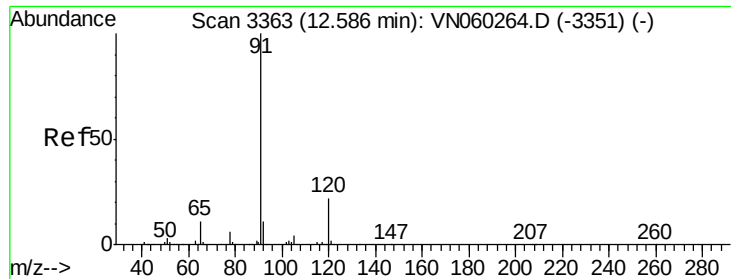


Abundance Ion 155.80 (155.50 to 156.50): VN060267.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN060267.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN060267.D (-3329) (-)





#78

n-propylbenzene

Concen: 0.350 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

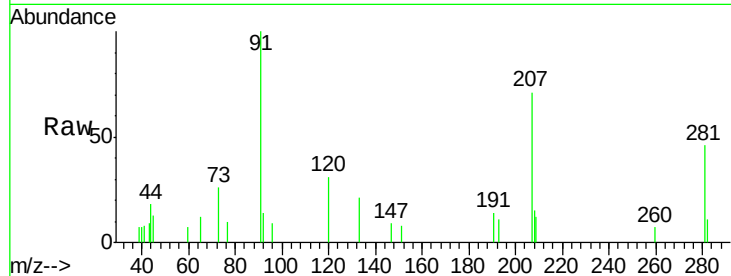
IBLK

Tot Ion: 91 Resp: 3547

Ion Ratio Lower Upper

91 100

120 25.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3351) (-)

Ion 120.00 (119.70 to 120.70): VN060264.D (-3351) (-)

12.59

2500

2000

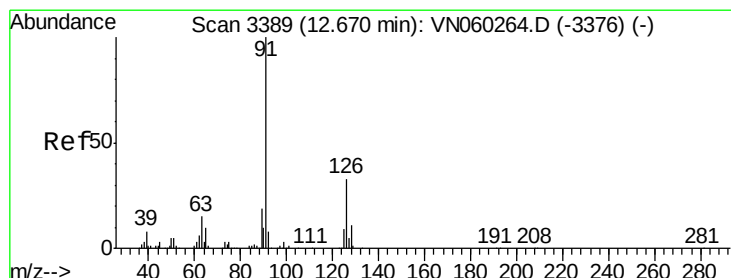
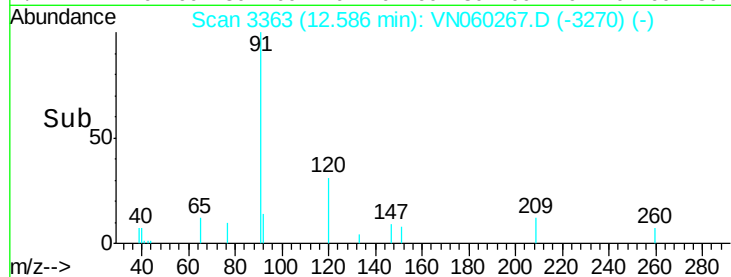
1500

1000

500

0

Time-->



#79

2-Chlorotoluene

Concen: 0.338 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060267.D

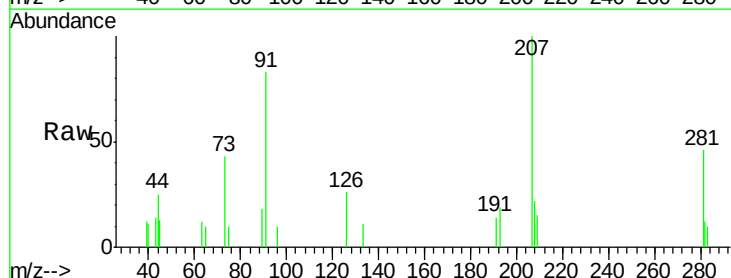
Acq: 27 Feb 2020 13:00

Tgt Ion: 91 Resp: 2012

Ion Ratio Lower Upper

91 100

126 33.0 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060264.D (-3376) (-)

12.67

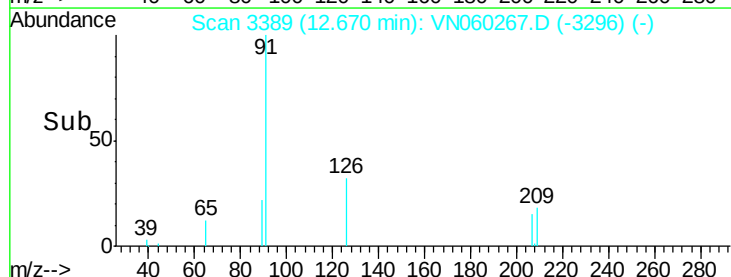
1500

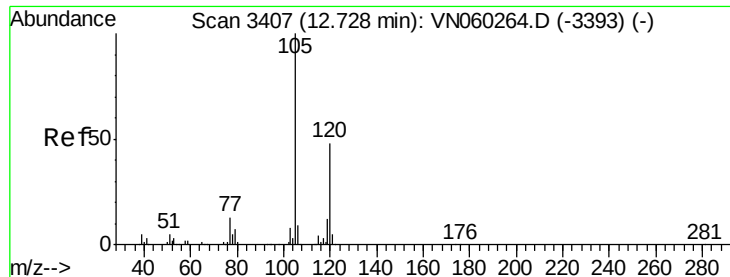
1000

500

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.299 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

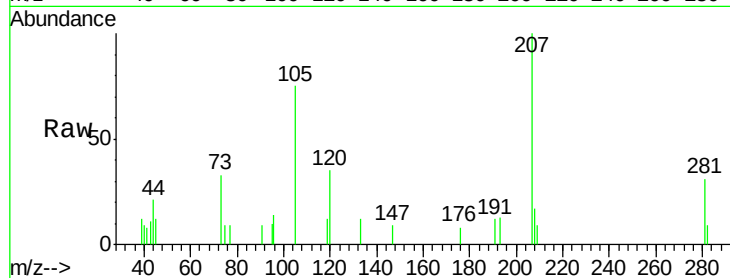
IBLK

Tot Ion:105 Resp: 2183

Ion Ratio Lower Upper

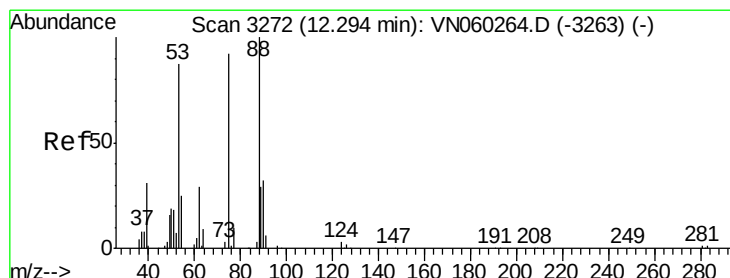
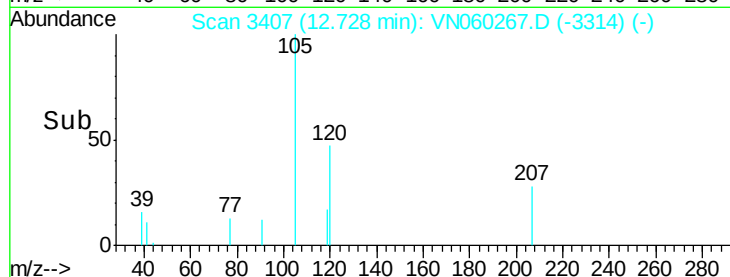
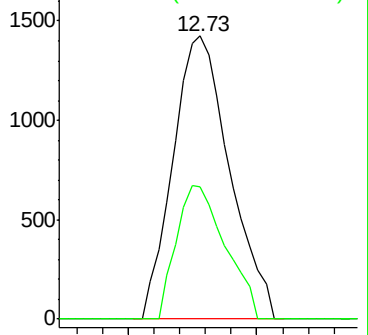
105 100

120 40.7 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 73.914 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

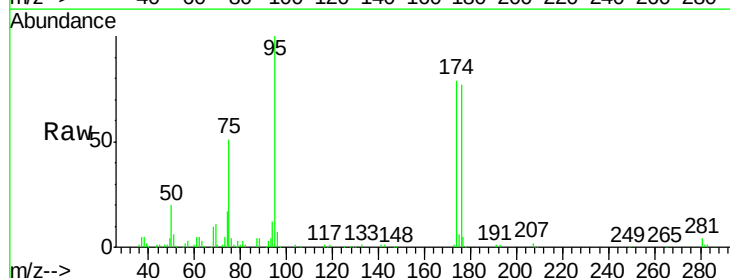
Tgt Ion: 75 Resp: 67519

Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

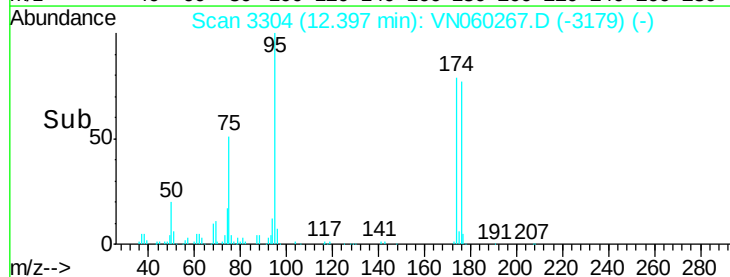
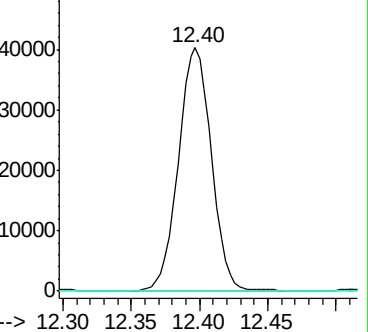
89 0.0 57.1 85.7#

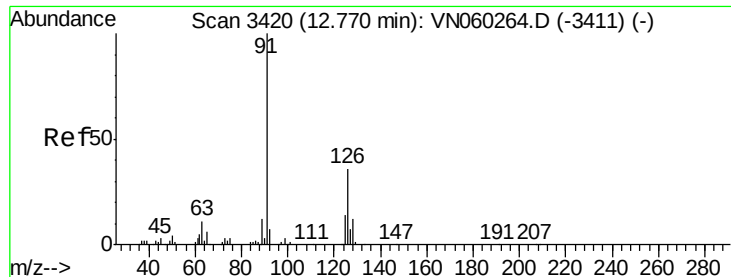


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

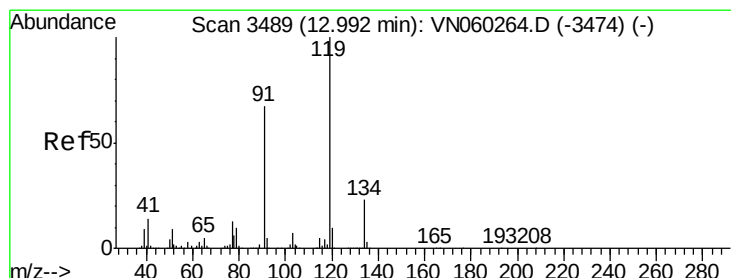
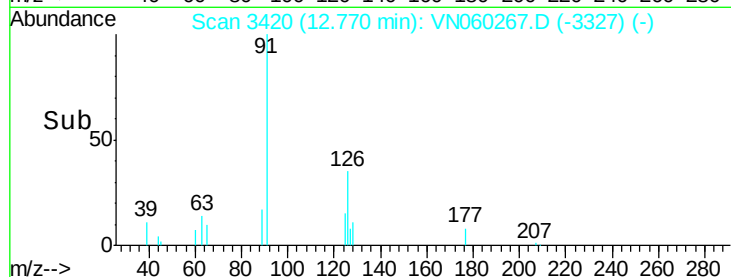
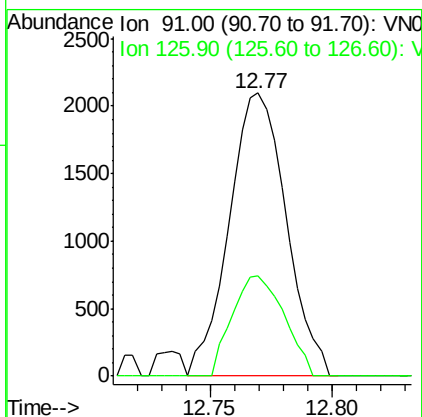
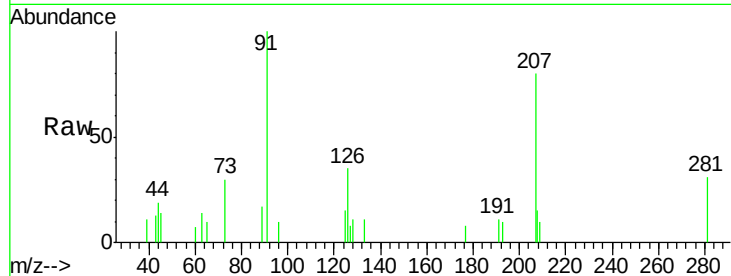




#82
4-Chlorotoluene
Concen: 0.546 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

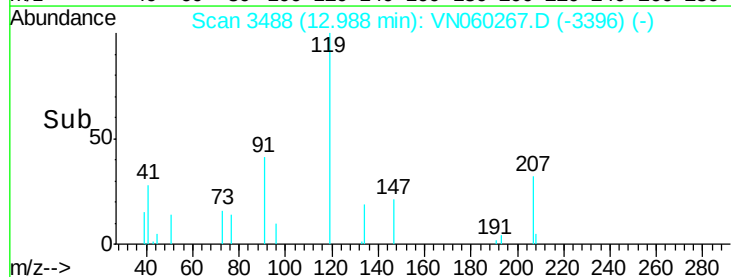
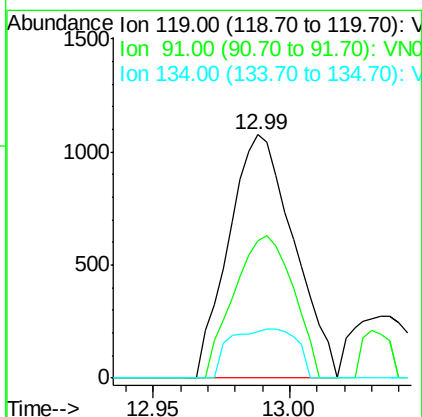
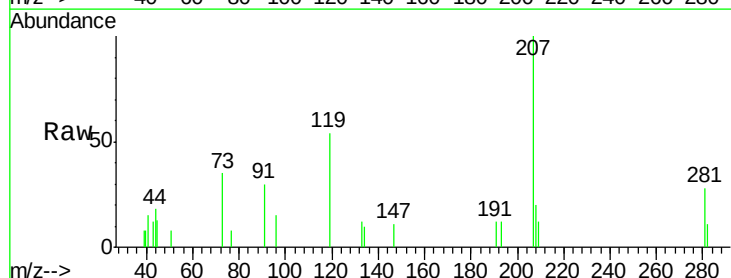
Instrument :
MSVOA_N
ClientSampled :
IBLK

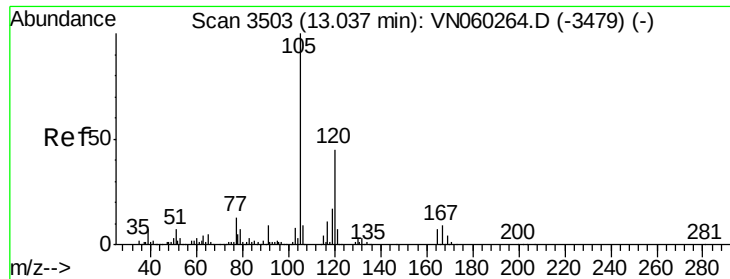
Tot Ion: 91 Resp: 3401
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.1



#83
tert-Butylbenzene
Concen: 0.282 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060267.D
Acq: 27 Feb 2020 13:00

Tgt Ion: 119 Resp: 1776
Ion Ratio Lower Upper
119 100
91 53.7 33.1 99.2
134 20.7 12.4 37.0

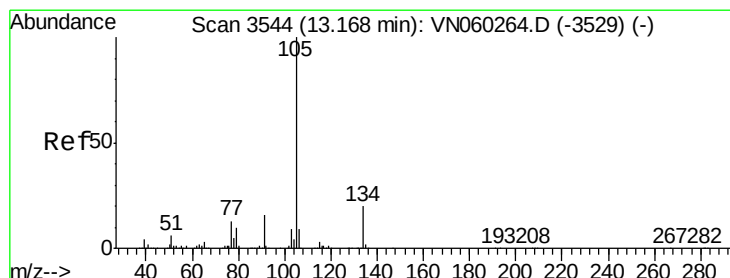
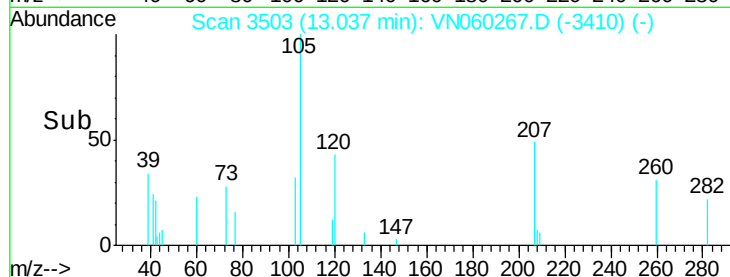
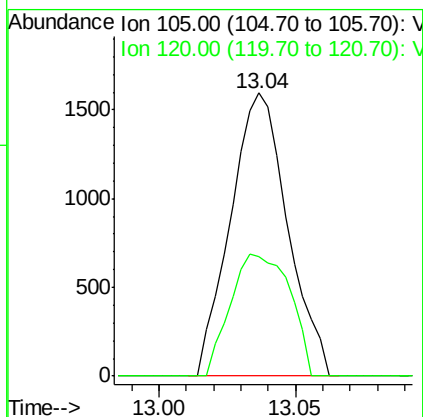
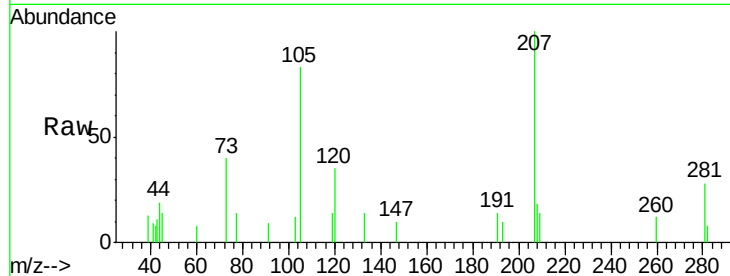




#84
 1,2,4-Trimethylbenzene
 Concen: 0.314 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

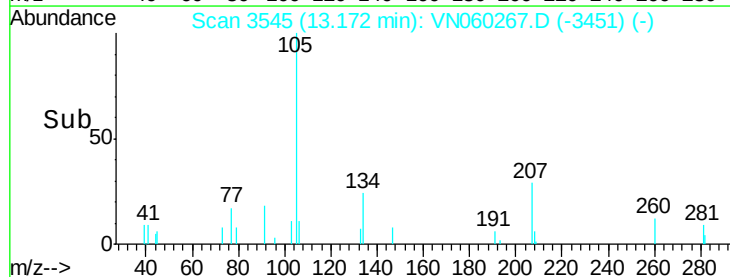
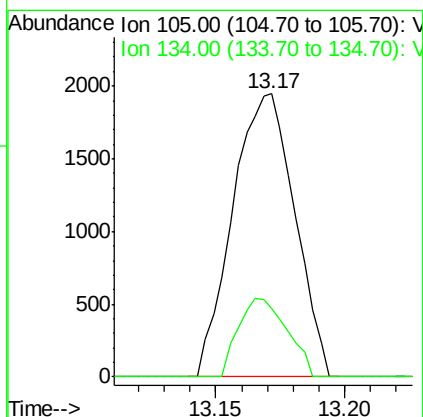
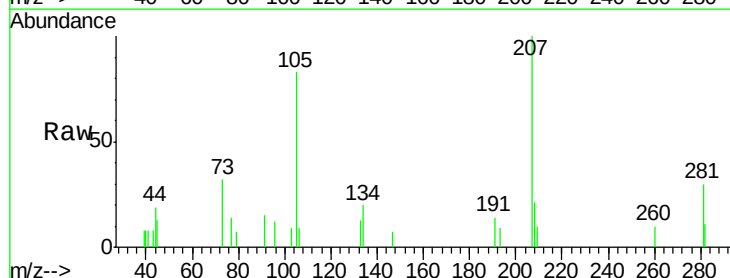
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

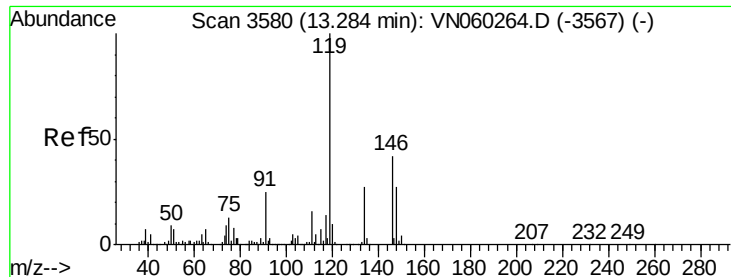
Tot Ion:105 Resp: 2312
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9



#85
 sec-Butylbenzene
 Concen: 0.384 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion:105 Resp: 3264
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.8 29.5

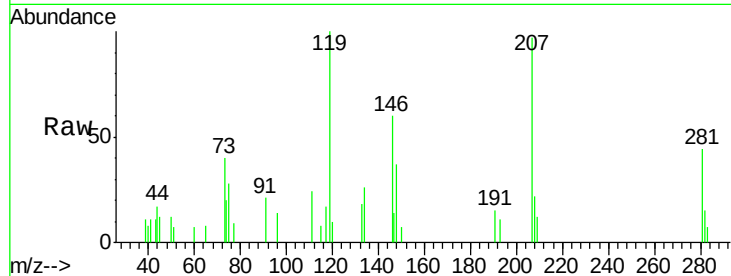




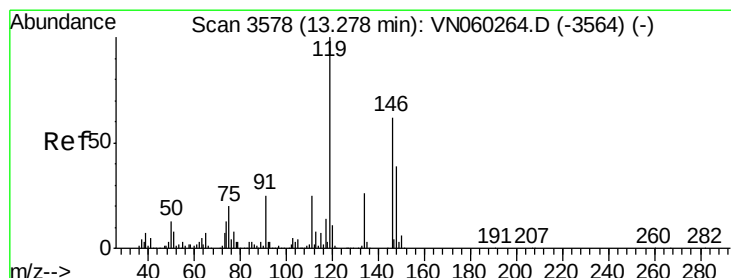
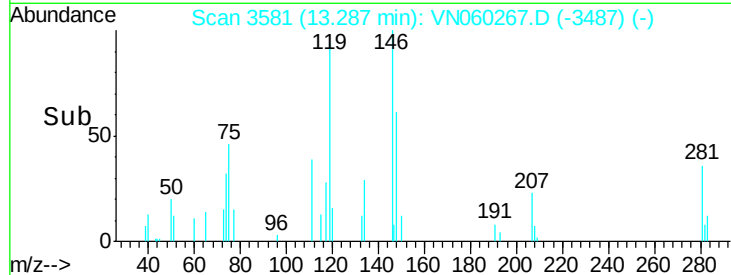
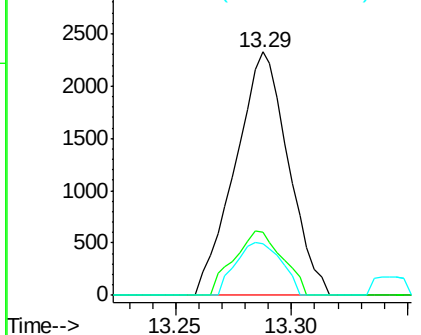
#86
 p-Isopropyltoluene
 Concen: 0.480 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

Tot Ion:119 Resp: 3696
 Ion Ratio Lower Upper
 119 100
 134 24.1 13.2 39.6
 91 18.7 12.2 36.6

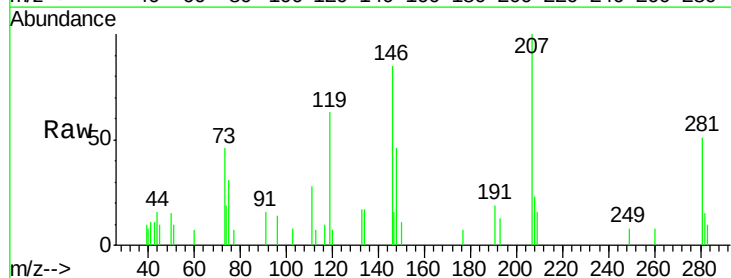


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

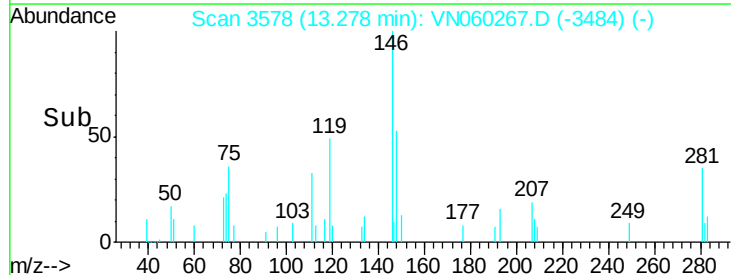
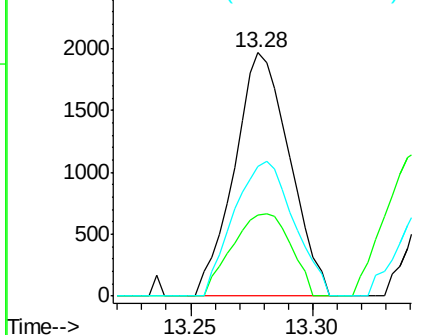


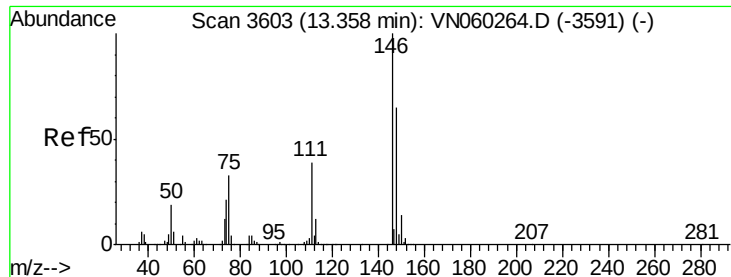
#87
 1,3-Dichlorobenzene
 Concen: 0.688 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion:146 Resp: 3086
 Ion Ratio Lower Upper
 146 100
 111 36.0 20.0 59.9
 148 60.4 32.1 96.3



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

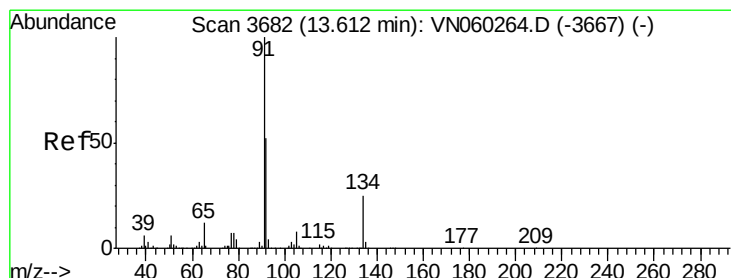
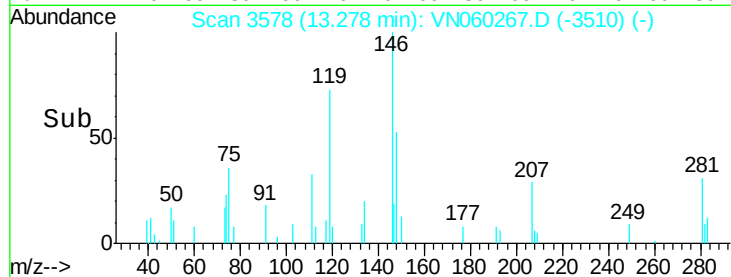
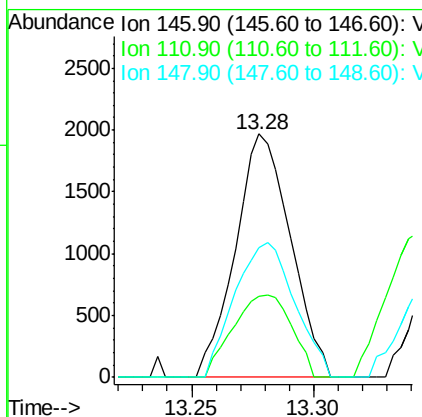
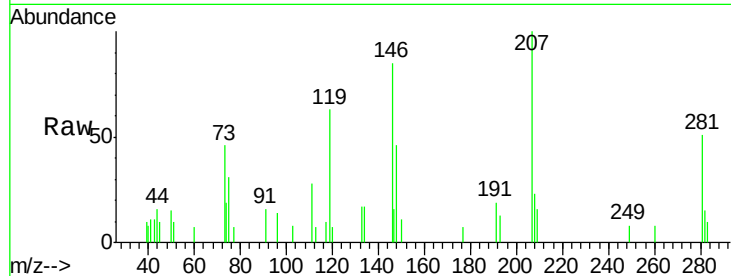




#88
 1,4-Dichlorobenzene
 Concen: 0.796 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.08 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

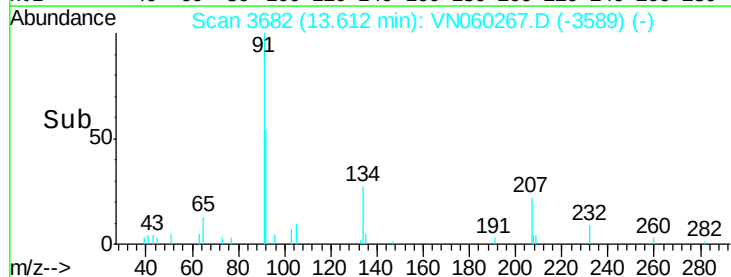
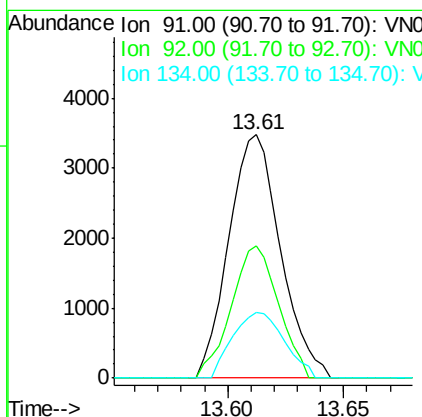
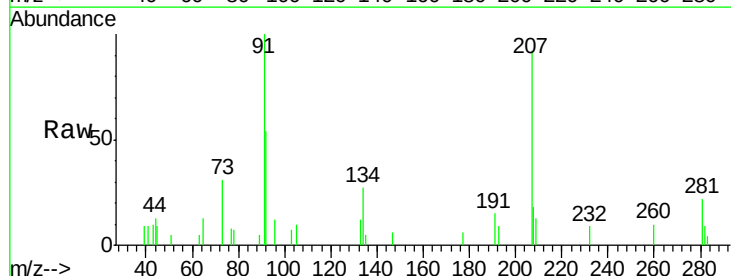
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

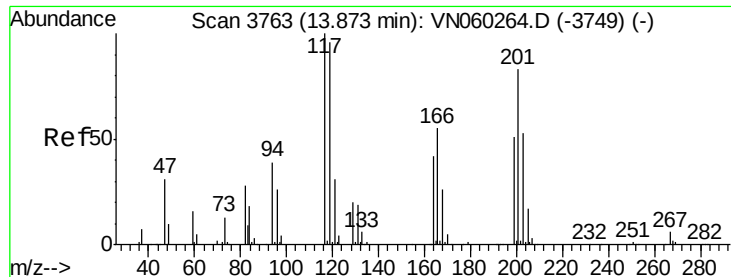
Tot Ion:146 Resp: 3086
 Ion Ratio Lower Upper
 146 100
 111 36.0 19.8 59.4
 148 60.4 32.3 96.9



#89
 n-Butylbenzene
 Concen: 0.752 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Tgt Ion: 91 Resp: 5375
 Ion Ratio Lower Upper
 91 100
 92 49.5 26.0 78.0
 134 26.9 12.7 38.1





#90

Hexachloroethane

Concen: 0.219 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

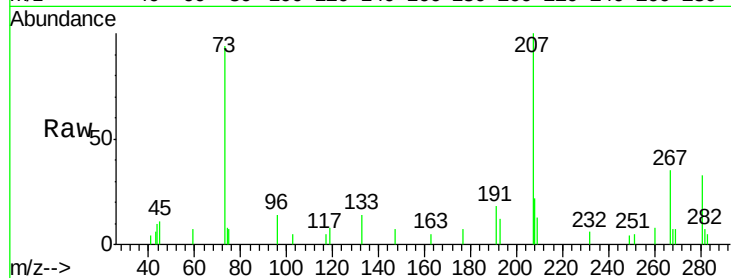
IBLK

Tot Ion:117 Resp: 254

Ion Ratio Lower Upper

117 100

201 0.0 41.0 123.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.88

250

200

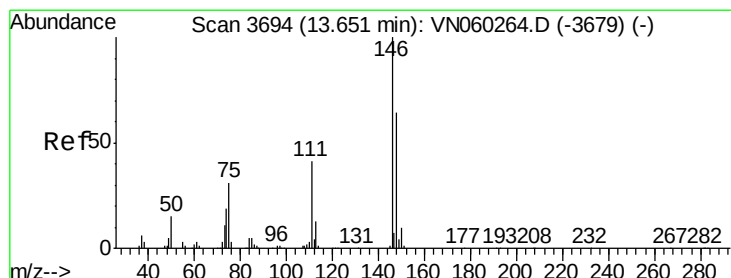
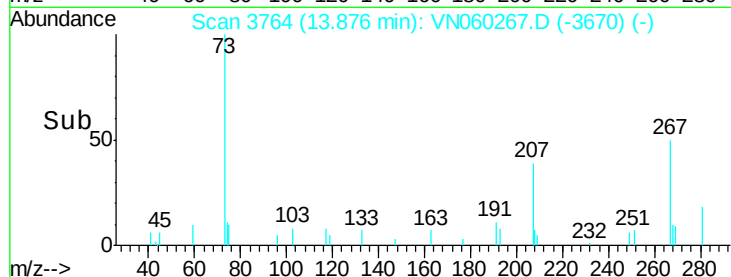
150

100

50

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.630 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

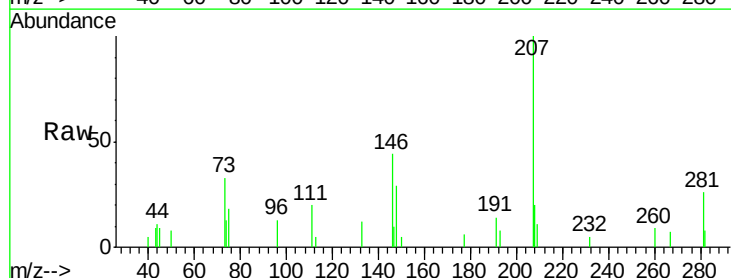
Tgt Ion:146 Resp: 2332

Ion Ratio Lower Upper

146 100

111 43.0 20.3 61.0

148 76.8 31.8 95.3



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

2000

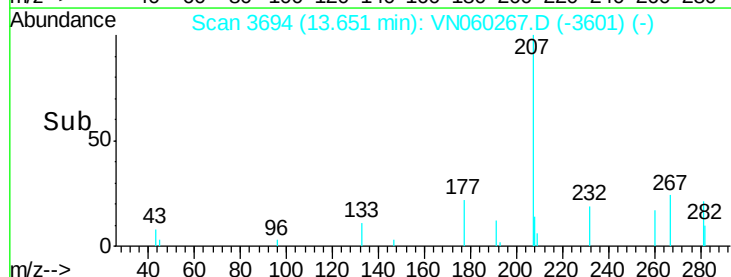
1500

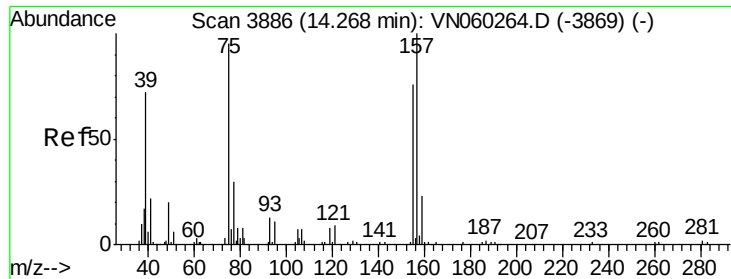
1000

500

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.021 ug/l

RT: 14.26 min Scan# 3883

Delta R.T. -0.01 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampled :

IBLK

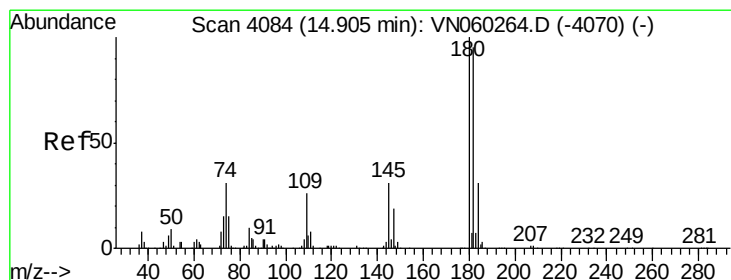
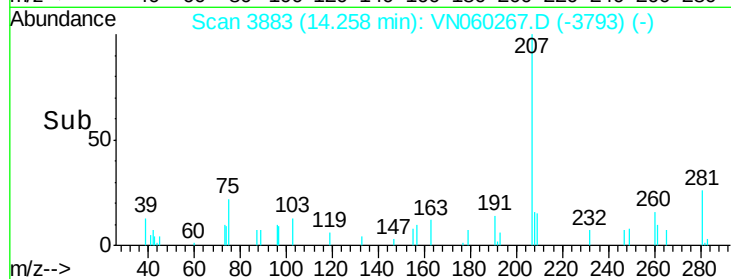
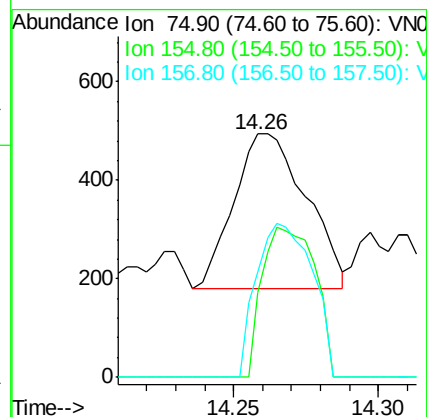
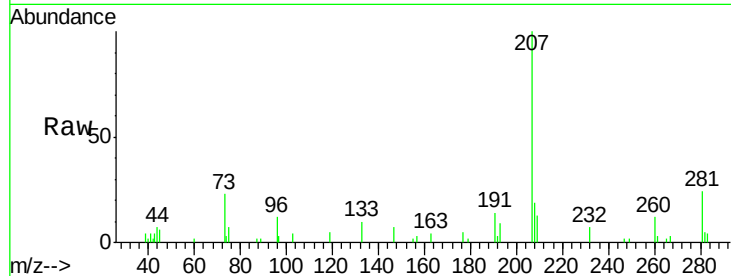
Tot Ion: 75 Resp: 542

Ion Ratio Lower Upper

75 100

155 70.8 40.4 121.2

157 77.3 52.5 157.5



#93

1,2,4-Trichlorobenzene

Concen: 2.169 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

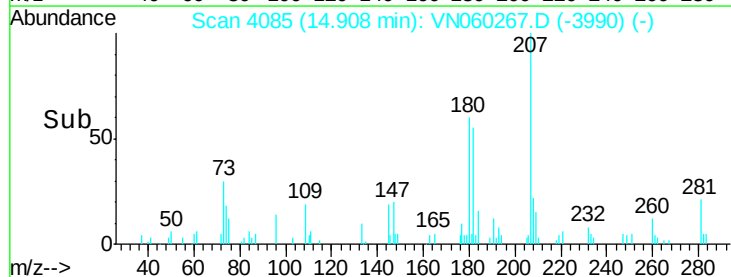
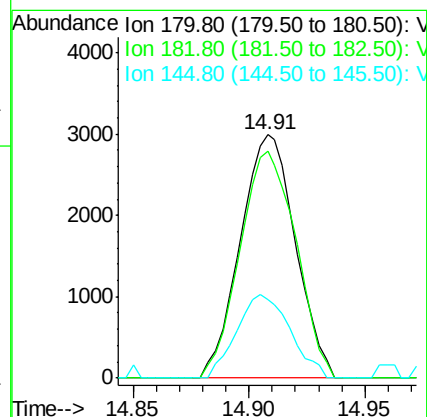
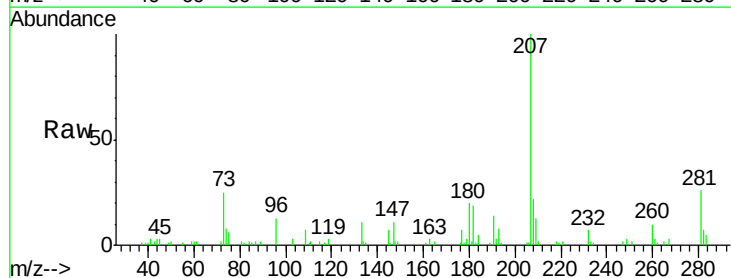
Tgt Ion: 180 Resp: 4925

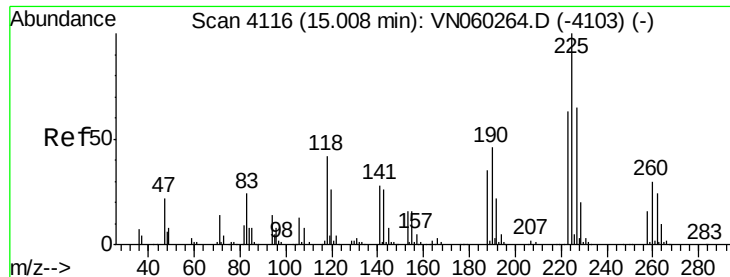
Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.3

145 33.4 15.4 46.1





#94

Hexachlorobutadiene

Concen: 2.462 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

Instrument :

MSVOA_N

ClientSampleId :

IBLK

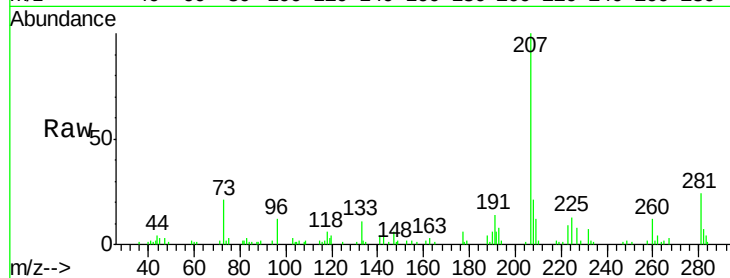
Tot Ion:225 Resp: 3373

Ion Ratio Lower Upper

225 100

223 72.2 31.3 93.9

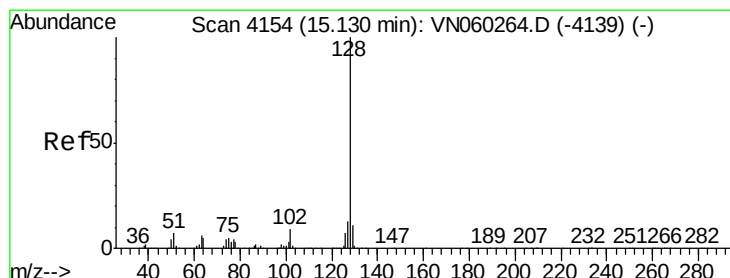
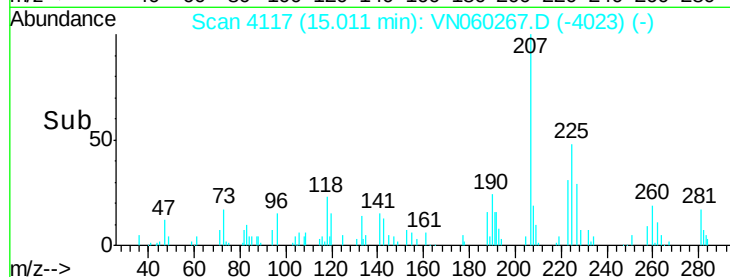
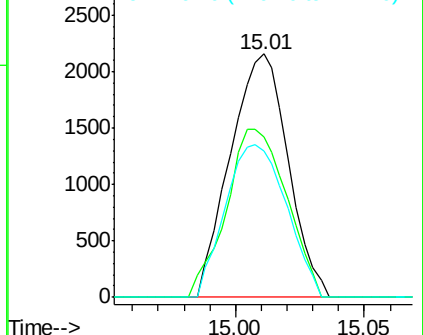
227 66.3 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.119 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060267.D

Acq: 27 Feb 2020 13:00

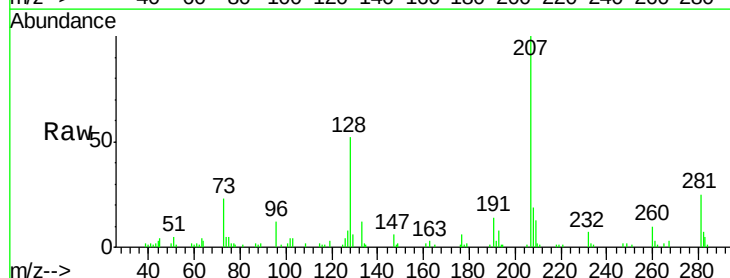
Tgt Ion:128 Resp: 16903

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

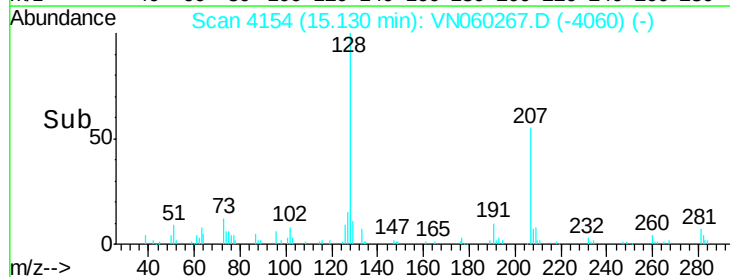
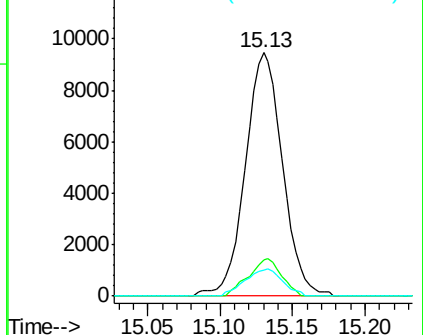
129 11.3 8.6 13.0

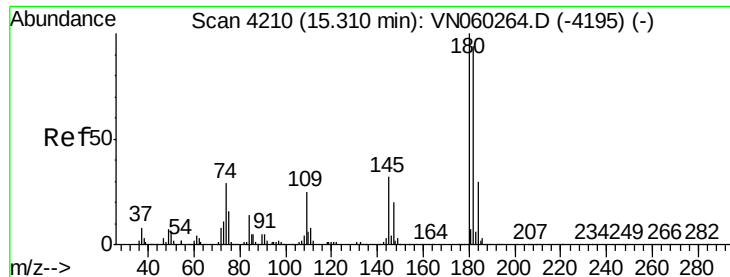


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

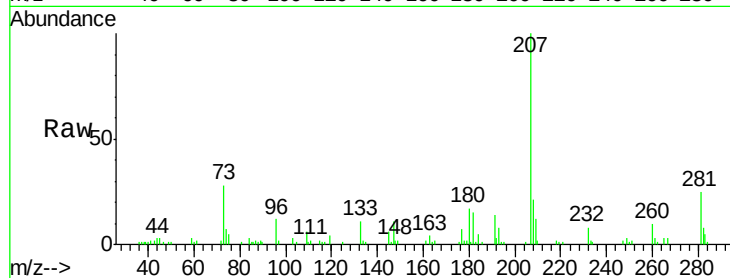




#96
 1,2,3-Trichlorobenzene
 Concen: 2.357 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN060267.D
 Acq: 27 Feb 2020 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.4	47.3	142.0
145	39.0	16.2	48.5



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

