

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056833.D
 Acq On : 19 Jul 2019 15:41
 Operator : JC/SP
 Sample : K3868-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Jul 19 23:15:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	260302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	474006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	512107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186286	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	151989	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
35) Dibromofluoromethane	7.59	113	138937	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
50) Toluene-d8	10.09	98	598558	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	221284	57.59	ug/l	0.00
Spiked Amount			Recovery	=	115.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.40	74	412	0.260	ug/l	57
14) Allyl chloride	4.55	41	5183	1.225	ug/l #	29
16) Acetone	3.82	43	16240	12.239	ug/l	97
18) Methyl Acetate	4.33	43	6850	1.351	ug/l #	88
20) Methylene Chloride	4.55	84	135943	46.883	ug/l	98
25) 2-Butanone	6.85	43	3379	1.742	ug/l #	80
29) Tetrahydrofuran	7.23	42	531	0.420	ug/l #	35
31) Cyclohexane	7.66	56	4257	0.925	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17202	3.922	ug/l #	47
38) Carbon Tetrachloride	7.67	117	22717	5.523	ug/l #	16
43) Isopropyl Acetate	8.17	43	14974	2.203	ug/l	93
45) 1,2-Dichloropropane	9.27	63	1448	0.405	ug/l #	45
48) Methyl methacrylate	9.18	41	8118	2.470	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	4421	1.004	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	39632	7.784	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	9141	1.672	ug/l #	42
59) 2-Hexanone	10.76	43	124822	39.520	ug/l #	51
71) Bromoform	12.40	173	1676	0.571	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.51	83	60	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	102301	25.108	ug/l #	100
79) 2-Chlorotoluene	12.68	91	467	Below Cal		79
80) 1,3,5-Trimethylbenzene	12.73	105	3697	0.290	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.40	75	102301	77.543	ug/l #	13
83) tert-Butylbenzene	13.00	119	471	Below Cal	#	75
93) 1,2,4-Trichlorobenzene	14.91	180	1471	4.066	ug/l	90
94) Hexachlorobutadiene	15.00	225	246	Below Cal	#	18
95) Naphthalene	15.13	128	7578	5.216	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	2215	3.895	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

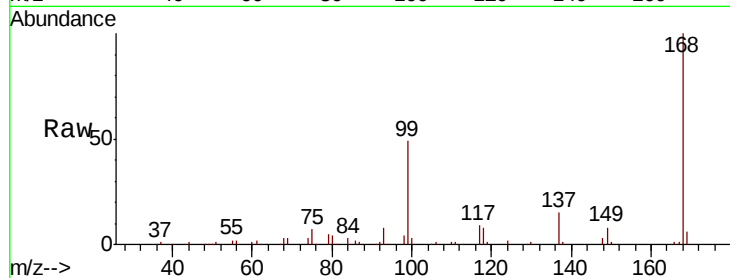
TP-2

Tot Ion:168 Resp: 260302

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

120000

100000

80000

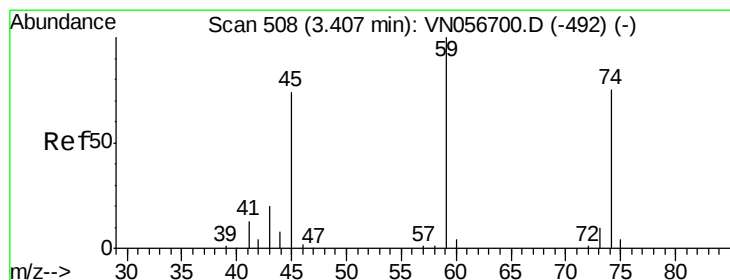
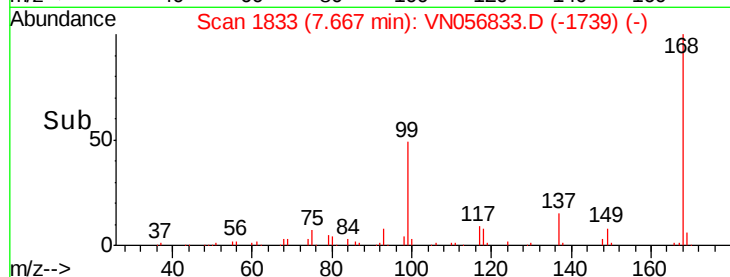
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 0.260 ug/l

RT: 3.40 min Scan# 507

Delta R.T. -0.00 min

Lab File: VN056833.D

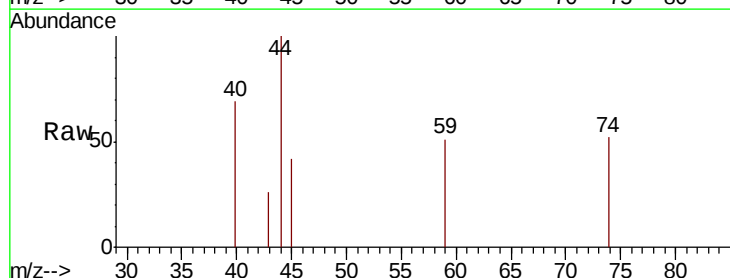
Acq: 19 Jul 2019 15:41

Tgt Ion: 74 Resp: 412

Ion Ratio Lower Upper

74 100

45 142.0 49.4 148.2



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.40

400

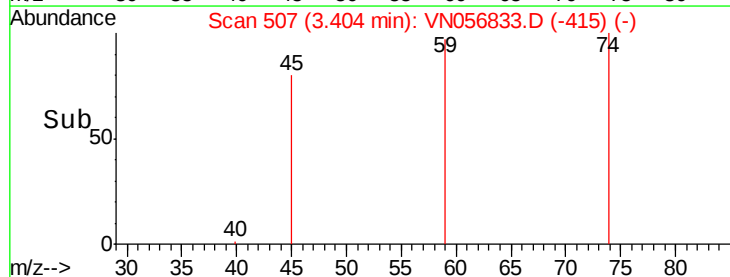
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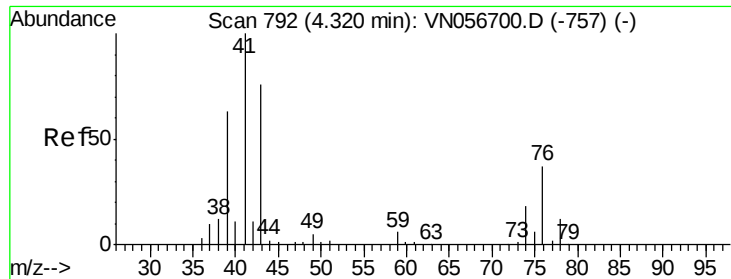
200

100

0

Time-->

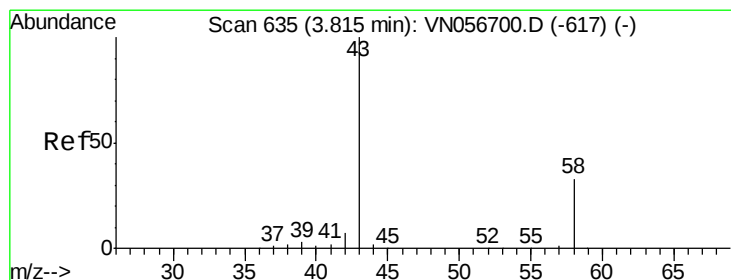
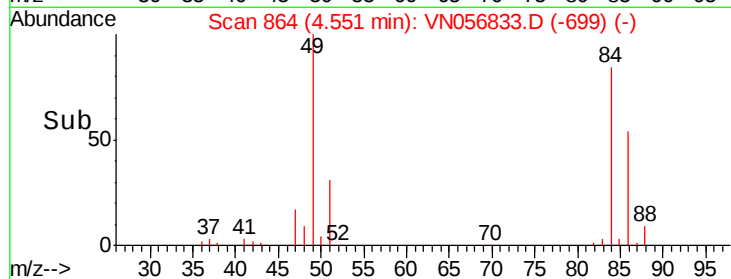
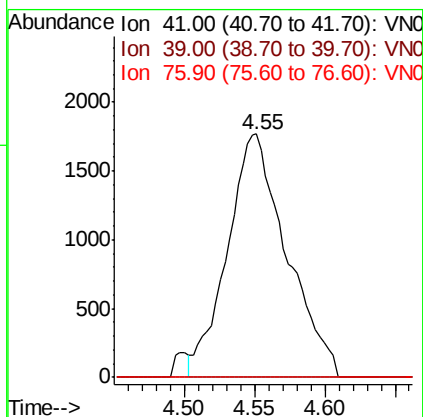
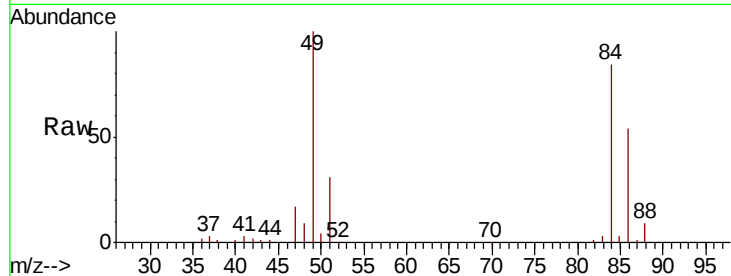




#14
Allvl chloride
Concen: 1.225 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

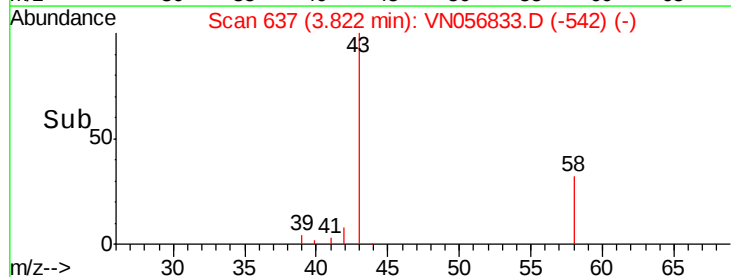
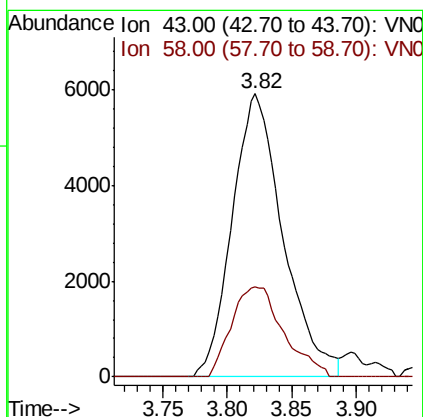
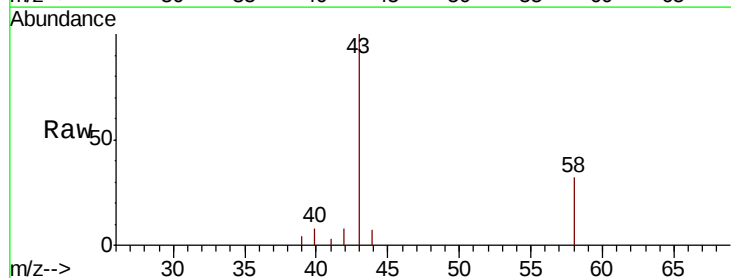
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MSVOA_N
ClientSampled :
TP-2

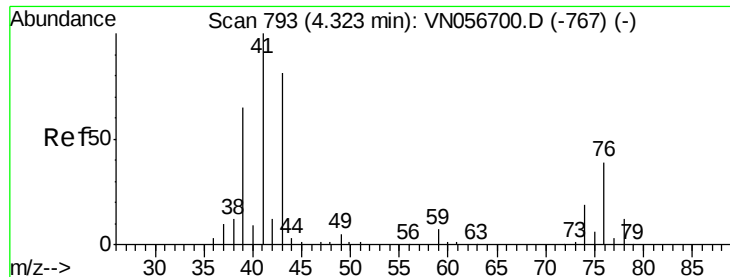
Tot Ion: 41 Resp: 5183
Ion Ratio Lower Upper
41 100
39 0.0 46.9 70.3#
76 0.0 26.5 39.7#



#16
Acetone
Concen: 12.239 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

Tgt Ion: 43 Resp: 16240
Ion Ratio Lower Upper
43 100
58 31.6 26.7 40.1

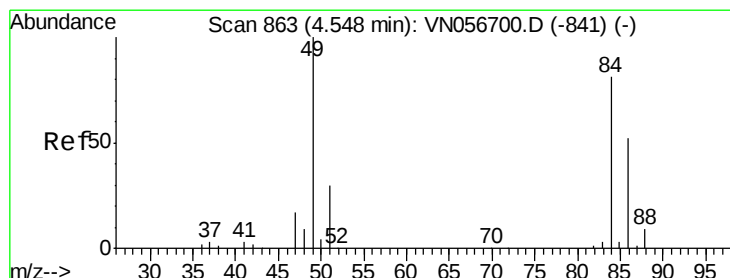
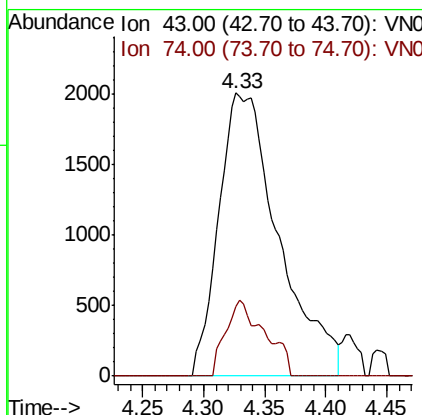
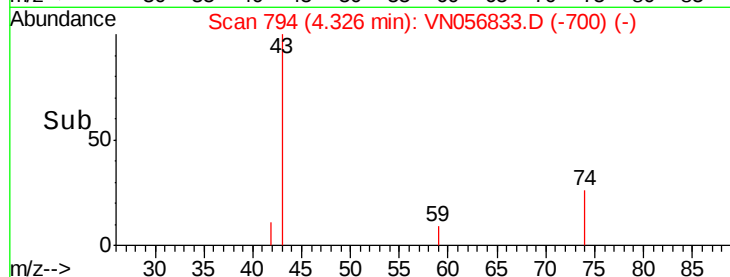
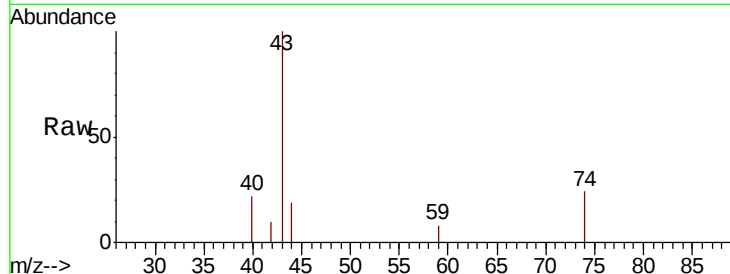




#18
Methyl Acetate
Concen: 1.351 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

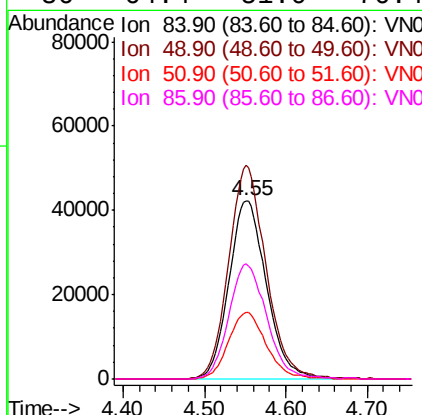
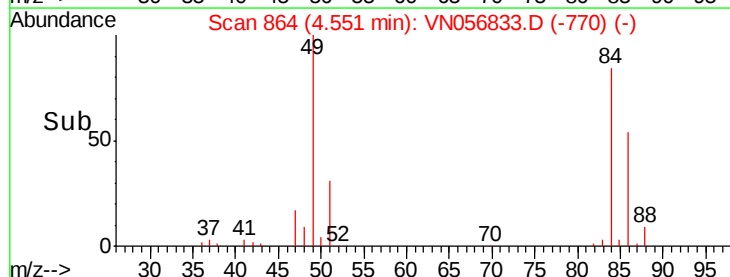
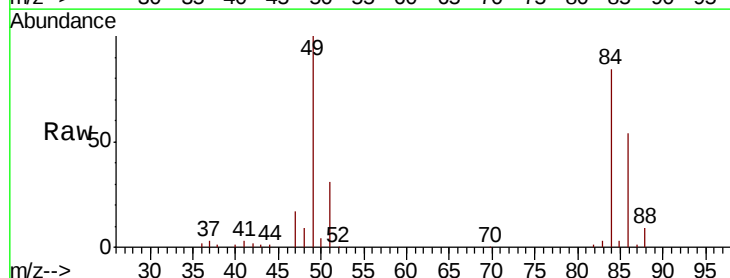
Instrument :
MSVOA_N
ClientSampled :
TP-2

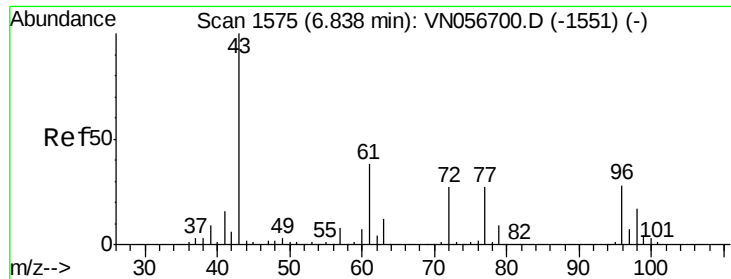
Tot Ion: 43 Resp: 6850
Ion Ratio Lower Upper
43 100
74 17.5 18.9 28.3#



#20
Methylene Chloride
Concen: 46.883 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

Tgt Ion: 84 Resp: 135943
Ion Ratio Lower Upper
84 100
49 119.6 98.2 147.4
51 37.3 29.6 44.4
86 64.4 51.0 76.4

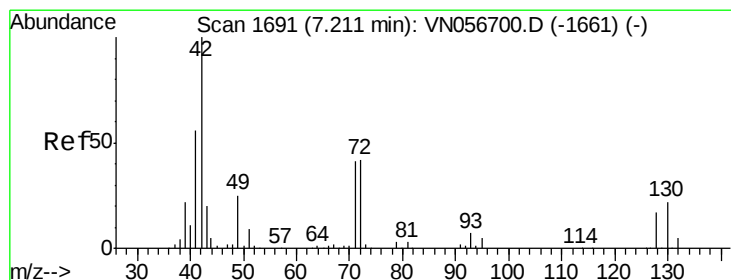
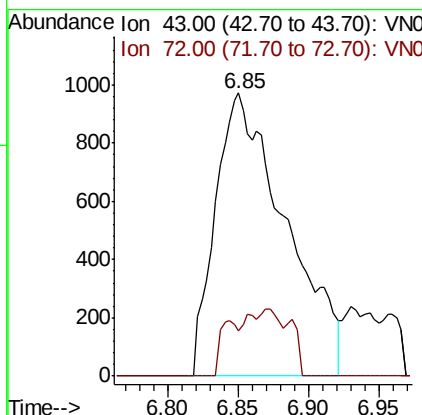
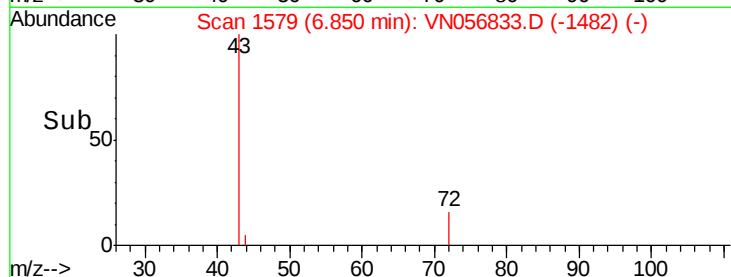
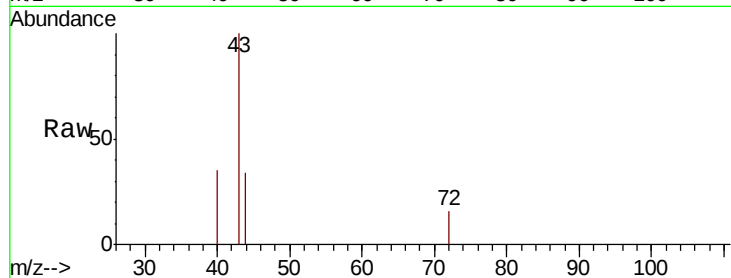




#25
2-Butanone
Concen: 1.742 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

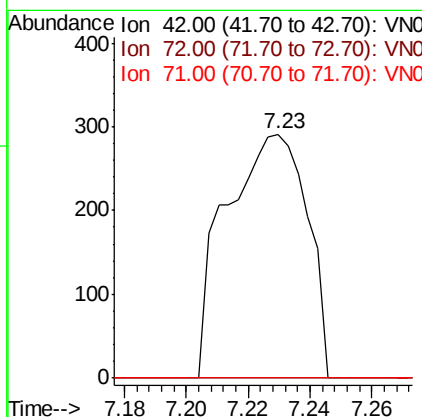
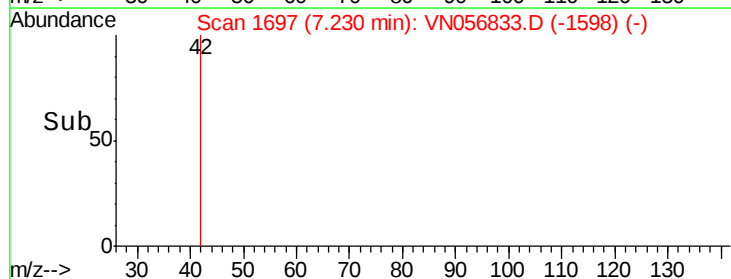
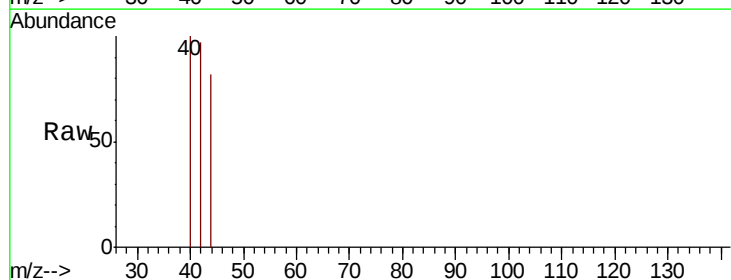
Instrument :
MSVOA_N
ClientSampled :
TP-2

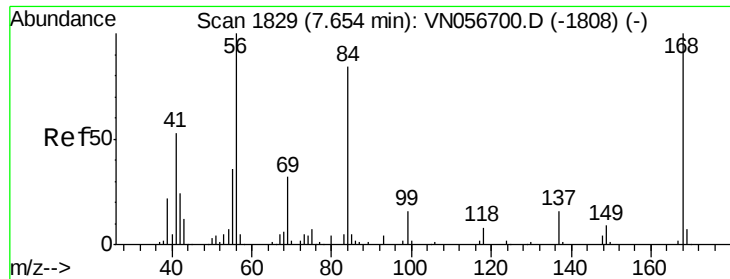
Tot Ion: 43 Resp: 3379
Ion Ratio Lower Upper
43 100
72 16.0 21.2 31.8#



#29
Tetrahydrofuran
Concen: 0.420 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

Tgt Ion: 42 Resp: 531
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 31.8 47.8#

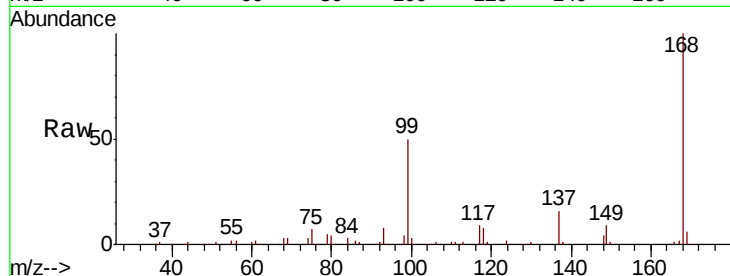




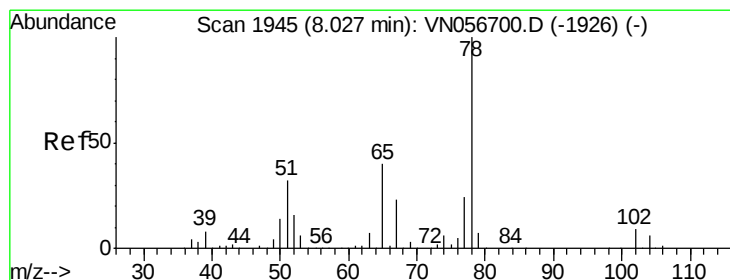
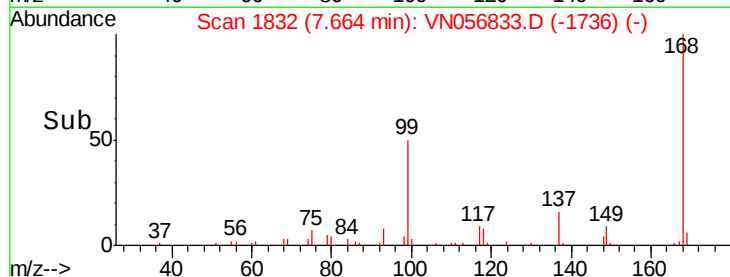
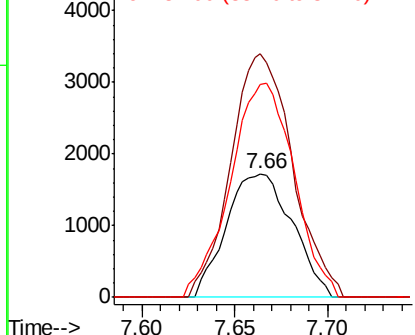
#31
Cyclohexane
Concen: 0.925 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 56 Resp: 4257
Ion Ratio Lower Upper
56 100
69 197.4 25.8 38.8#
84 172.5 67.4 101.0#

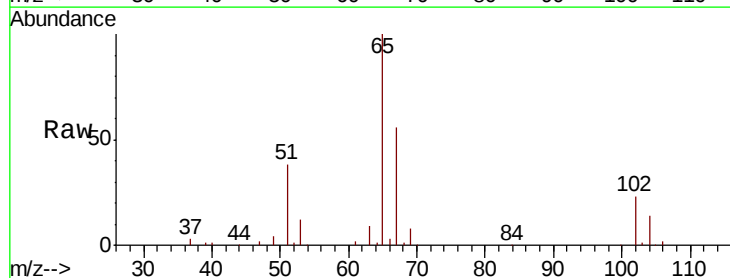


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

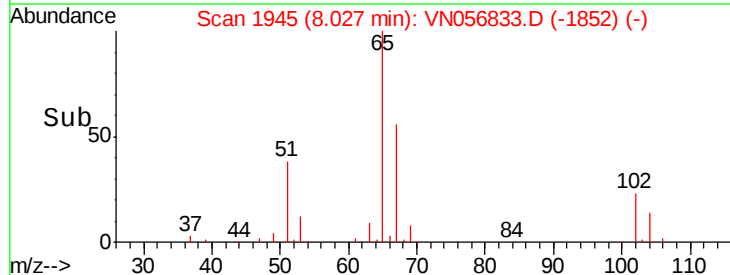
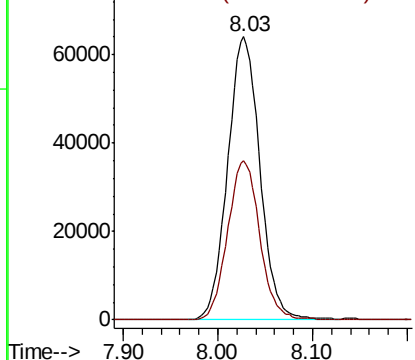


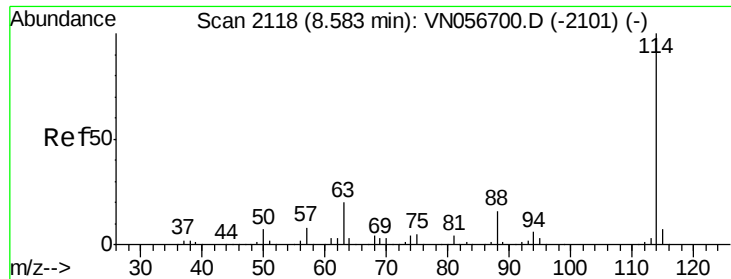
#33
1,2-Dichloroethane-d4
Concen: 52.787 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

Tgt Ion: 65 Resp: 151989
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.0



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

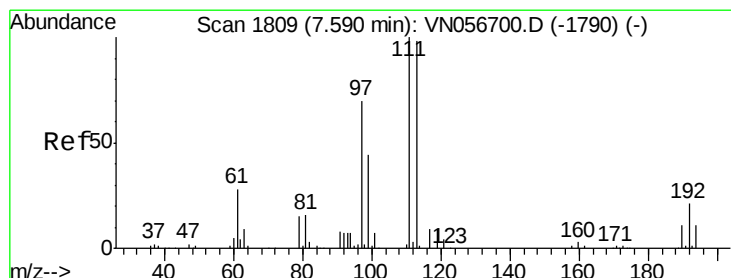
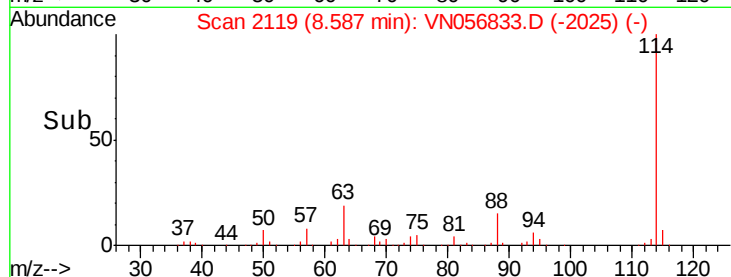
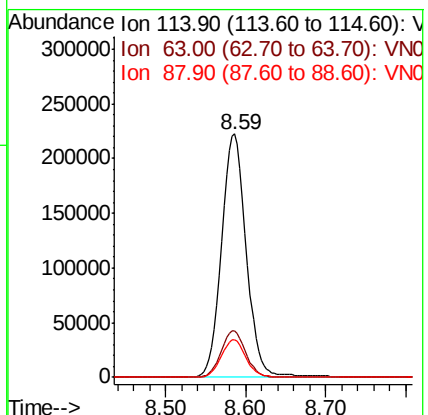
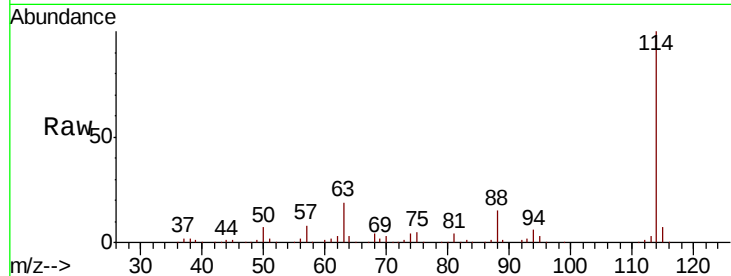




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

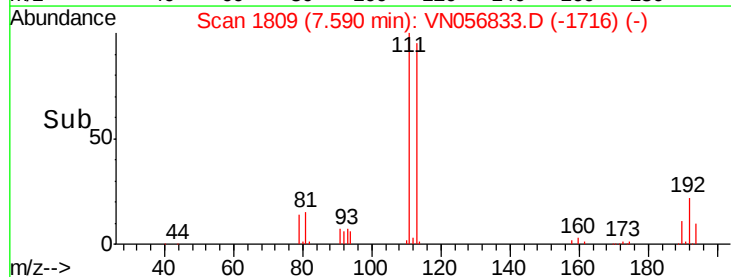
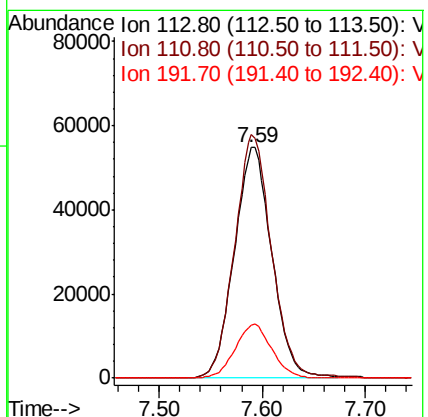
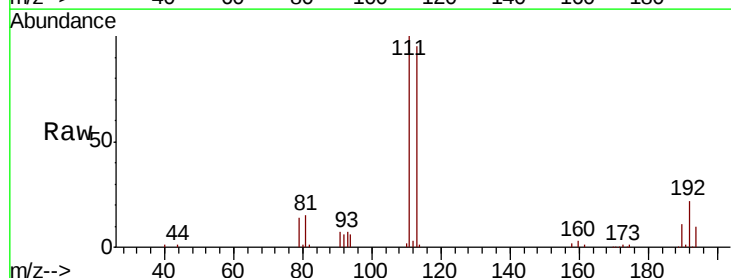
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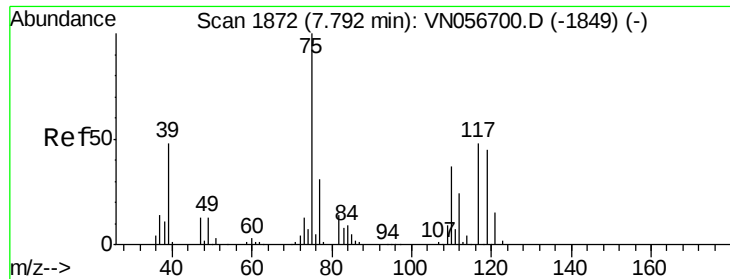
Tot Ion:114 Resp: 474006
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 15.3 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.100 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

Tgt Ion:113 Resp: 138937
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.6
 192 22.7 17.5 26.3

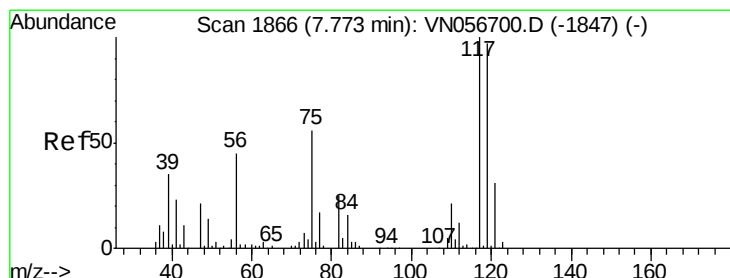
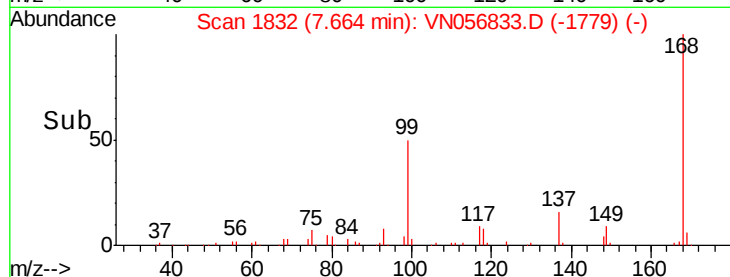
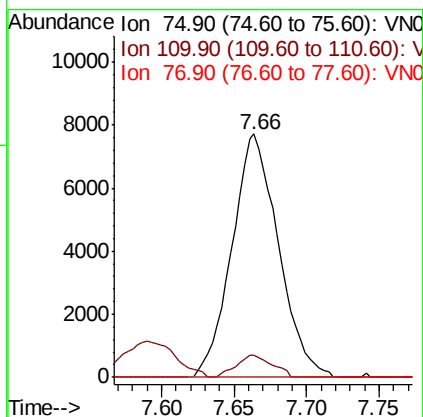
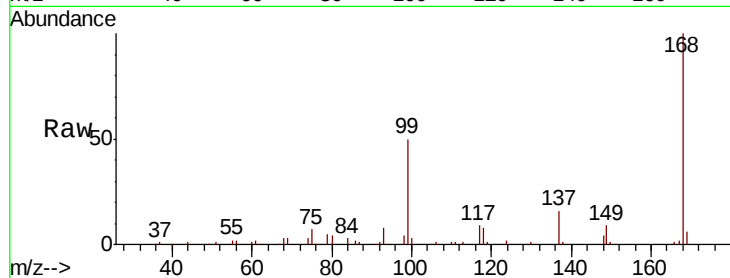




#36
 1,1-Dichloropropene
 Concen: 3.922 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

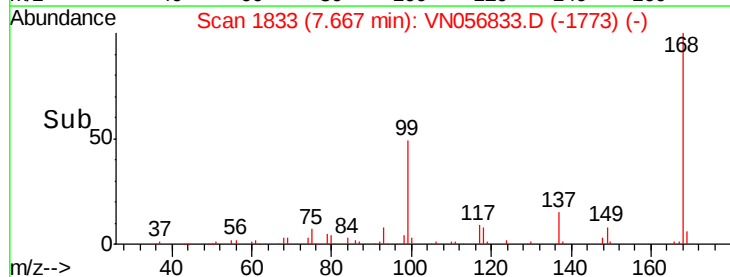
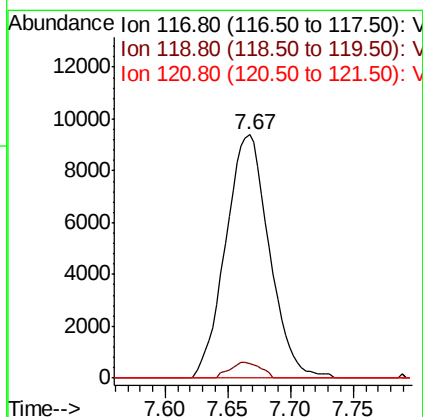
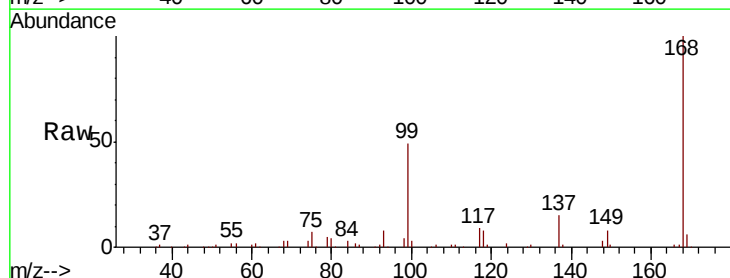
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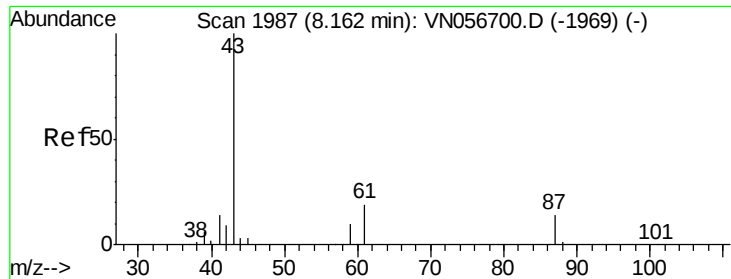
Tot Ion: 75 Resp: 17202
 Ion Ratio Lower Upper
 75 100
 110 7.0 18.4 55.4#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.523 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

Tgt Ion: 117 Resp: 22717
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.5 116.3#
 121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 2.203 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

TP-2

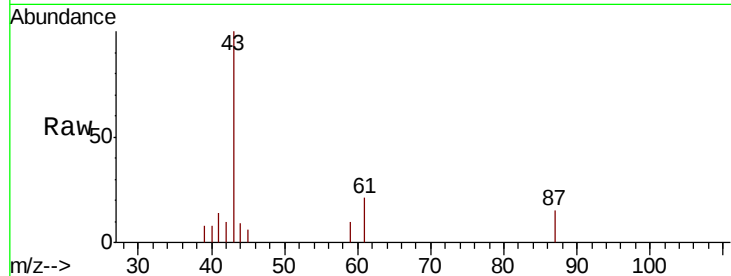
Tot Ion: 43 Resp: 14974

Ion Ratio Lower Upper

43 100

61 23.0 22.3 33.5

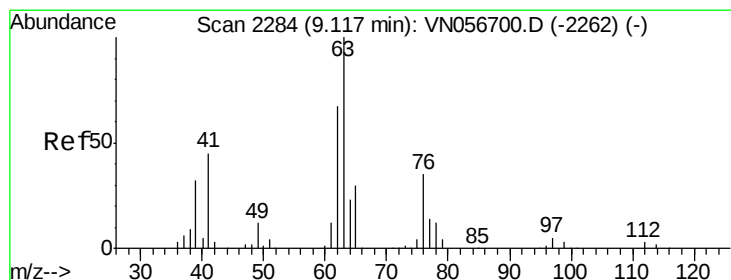
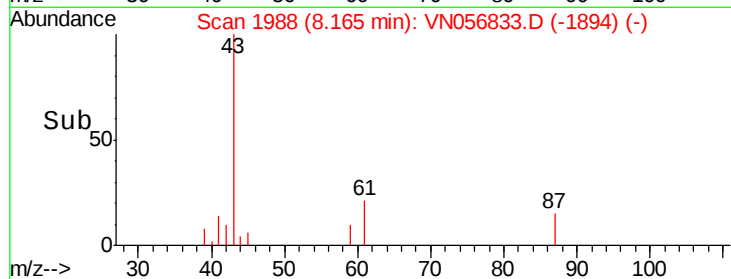
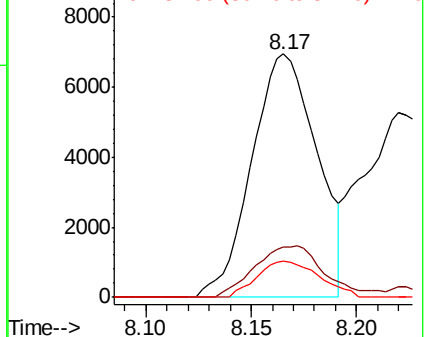
87 14.2 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.405 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056833.D

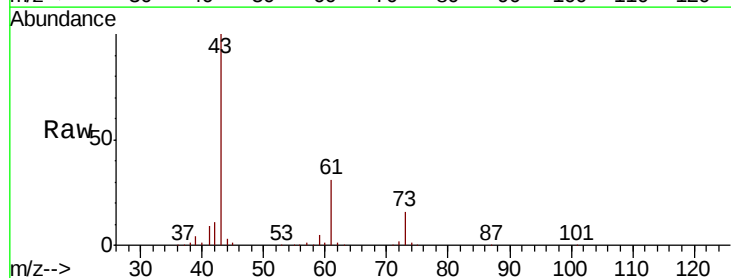
Acq: 19 Jul 2019 15:41

Tgt Ion: 63 Resp: 1448

Ion Ratio Lower Upper

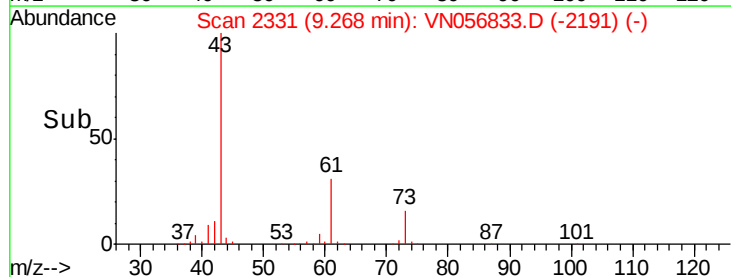
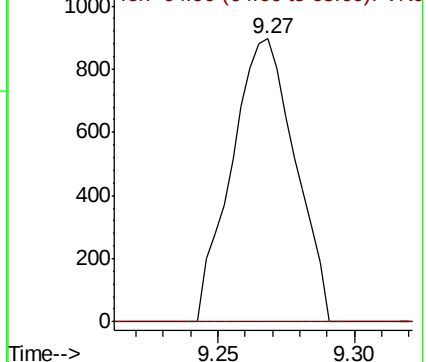
63 100

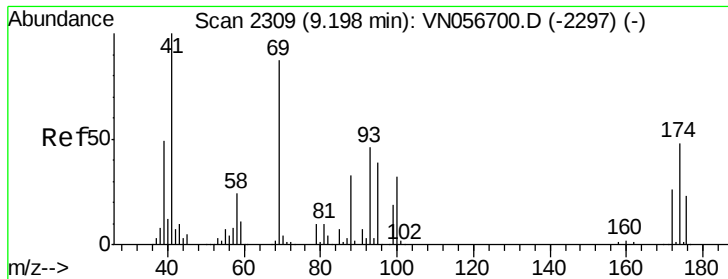
65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

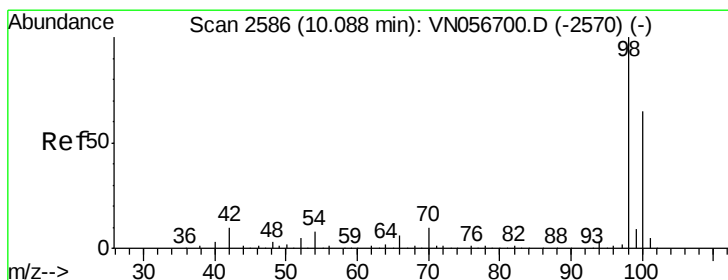
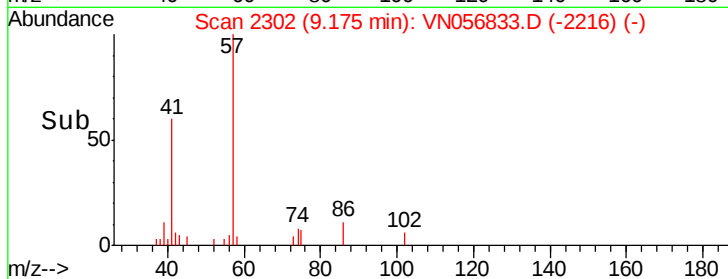
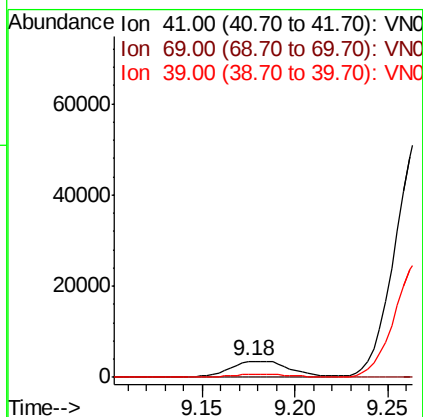
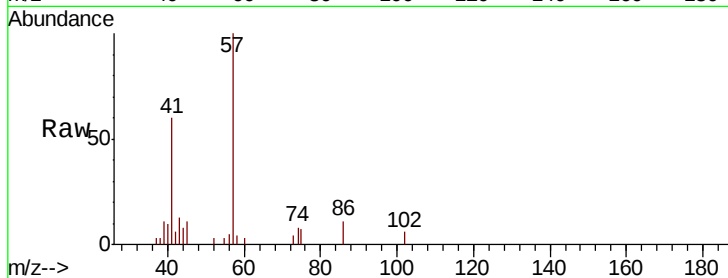




#48
Methvl methacrylate
Concen: 2.470 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

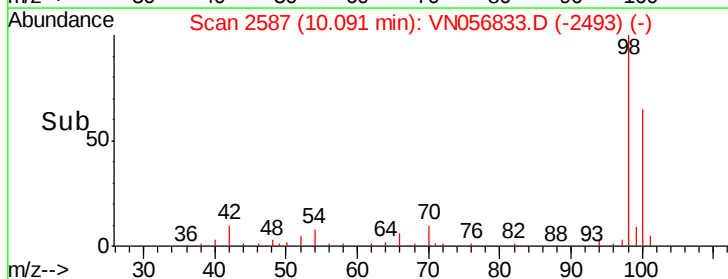
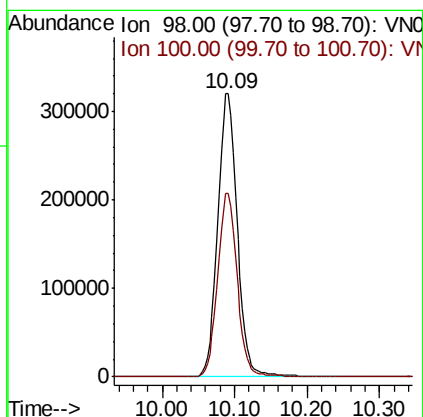
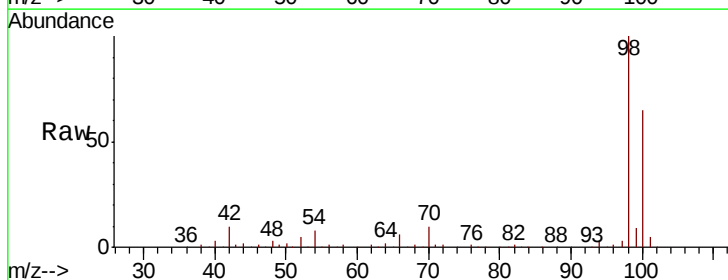
Instrument :
MSVOA_N
ClientSampleId :
TP-2

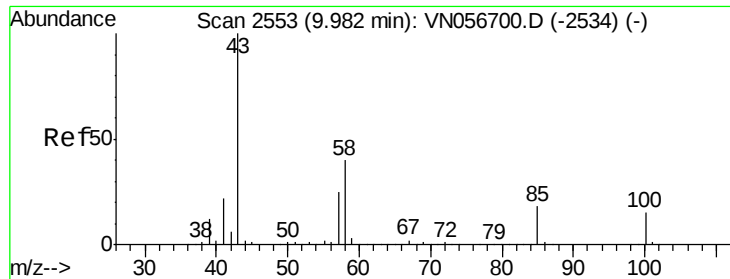
Tot Ion: 41 Resp: 8118
Ion Ratio Lower Upper
41 100
69 0.0 71.4 107.0#
39 0.0 41.2 61.8#



#50
Toluene-d8
Concen: 52.538 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056833.D
Acq: 19 Jul 2019 15:41

Tgt Ion: 98 Resp: 598558
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.004 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

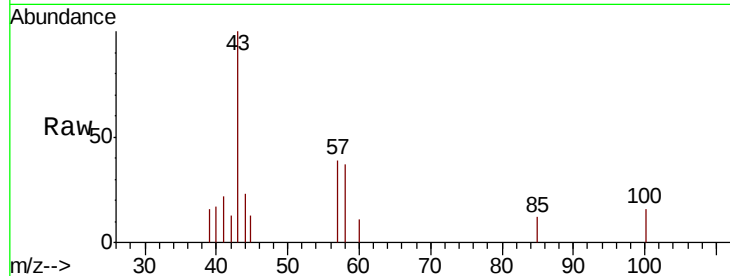
TP-2

Tot Ion: 43 Resp: 4421

Ion Ratio Lower Upper

43 100

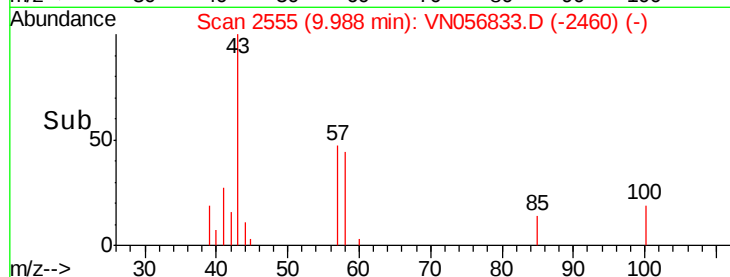
58 35.5 32.0 48.0



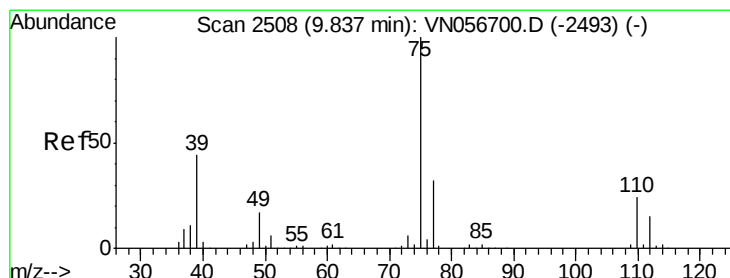
Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN056700.D (-2534) (-)

Time-->



Time-->



#54

cis-1,3-Dichloropropene

Concen: 7.784 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

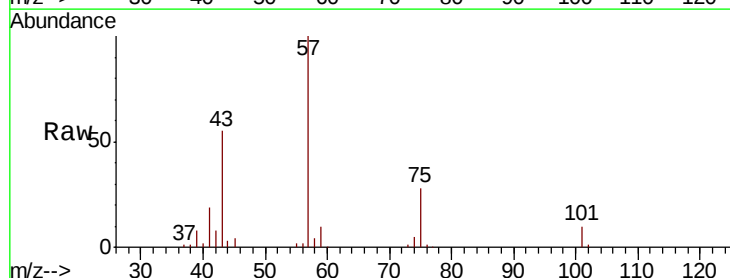
Tgt Ion: 75 Resp: 39632

Ion Ratio Lower Upper

75 100

77 0.8 26.0 39.0#

39 28.2 35.1 52.7#

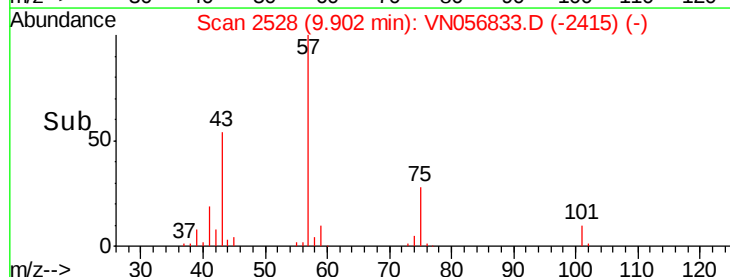


Abundance Ion 74.90 (74.60 to 75.60): VN056700.D (-2493) (-)

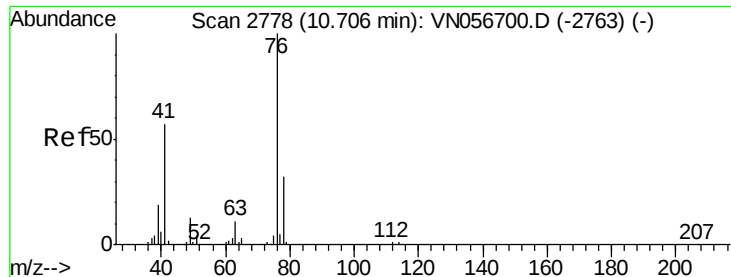
Ion 76.90 (76.60 to 77.60): VN056700.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN056700.D (-2493) (-)

Time-->



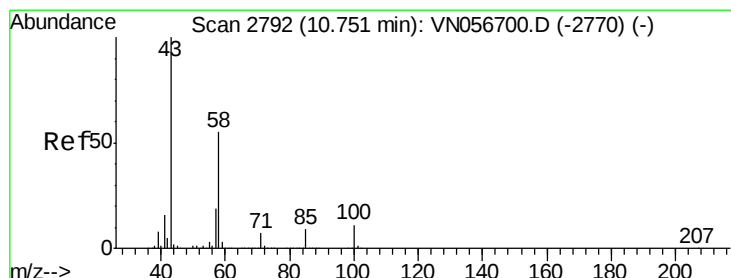
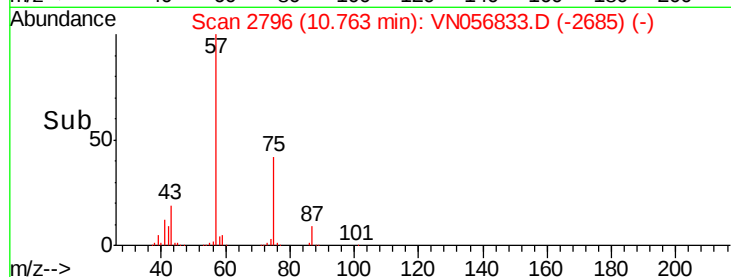
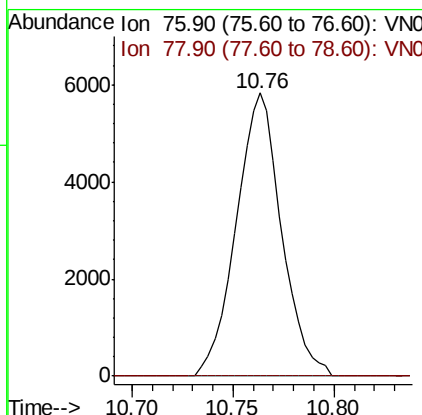
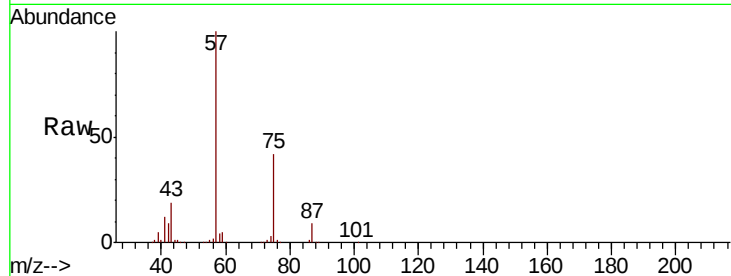
Time-->



#57
 1,3-Dichloropropane
 Concen: 1.672 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

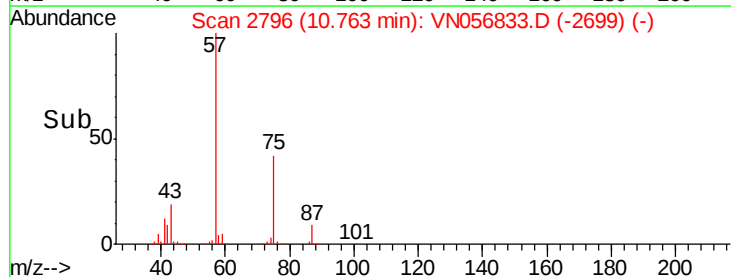
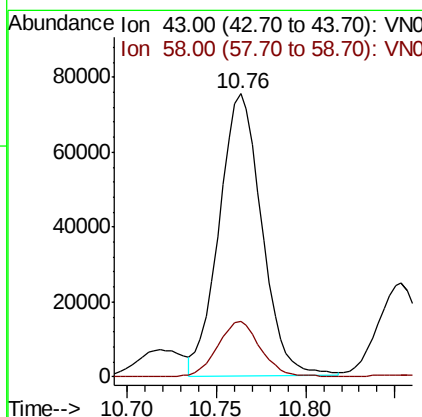
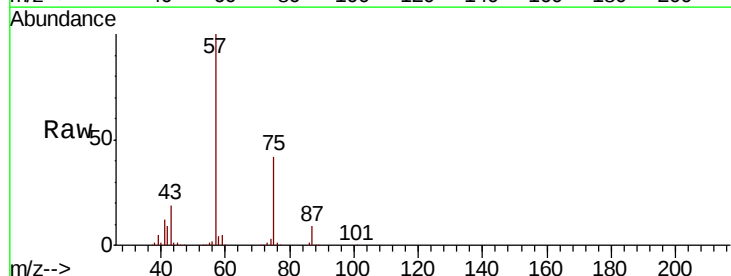
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

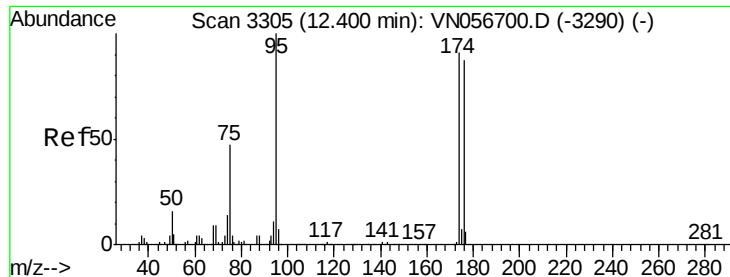
Tot Ion: 76 Resp: 9141
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 39.520 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

Tgt Ion: 43 Resp: 124822
 Ion Ratio Lower Upper
 43 100
 58 20.1 27.9 83.6#





#62

4-Bromofluorobenzene

Concen: 57.595 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

TP-2

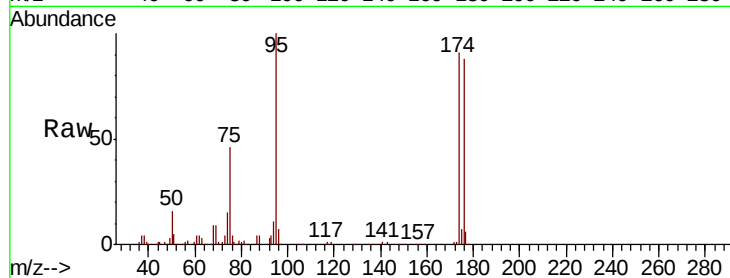
Tot Ion: 95 Resp: 221284

Ion Ratio Lower Upper

95 100

174 91.9 0.0 180.0

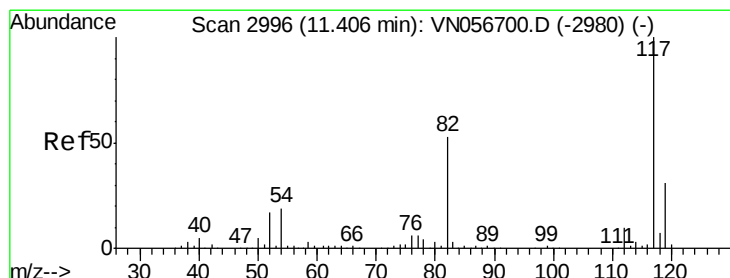
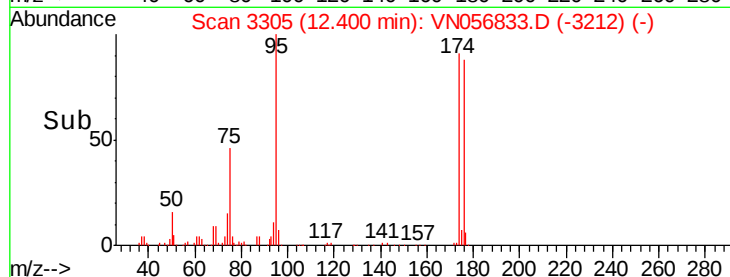
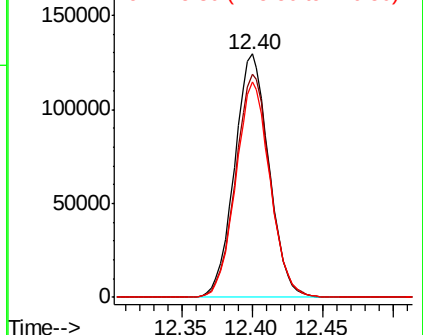
176 88.3 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

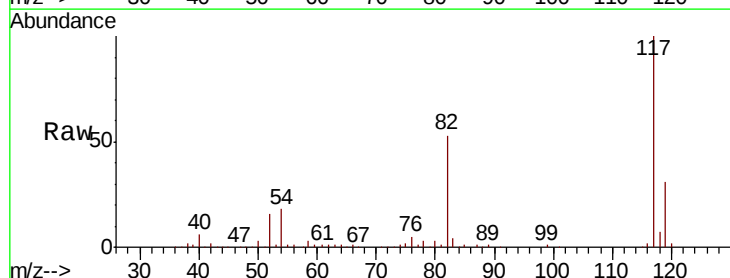
Tgt Ion: 117 Resp: 512107

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.2

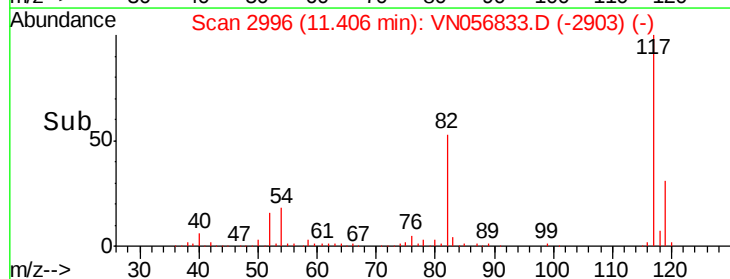
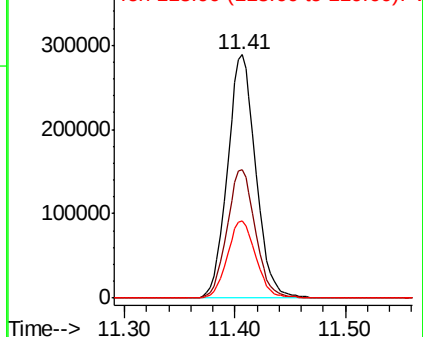
119 31.5 25.2 37.8

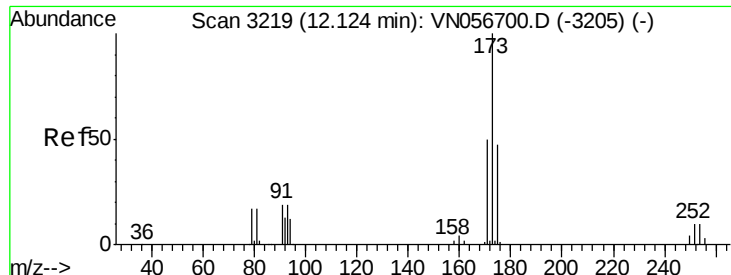


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.571 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

TP-2

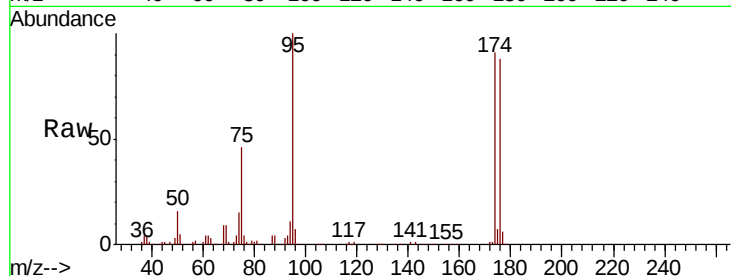
Tot Ion:173 Resp: 1676

Ion Ratio Lower Upper

173 100

175 716.5 23.8 71.4#

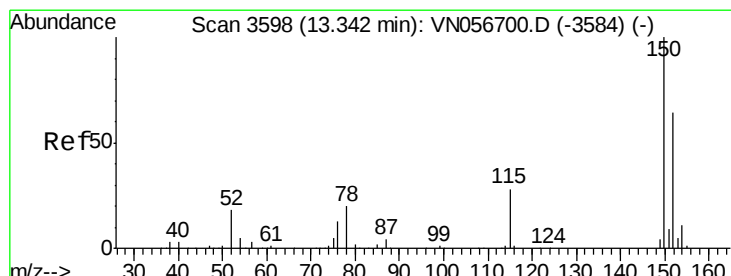
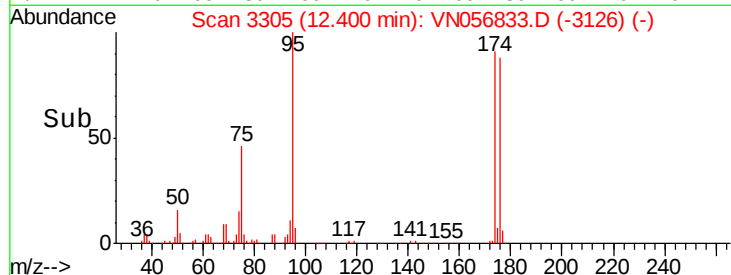
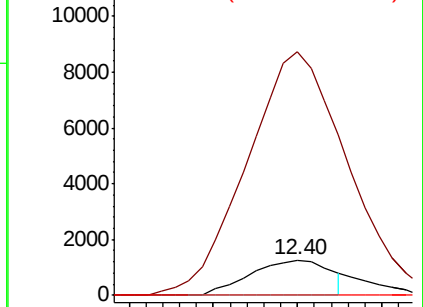
254 0.0 0.0 0.0



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

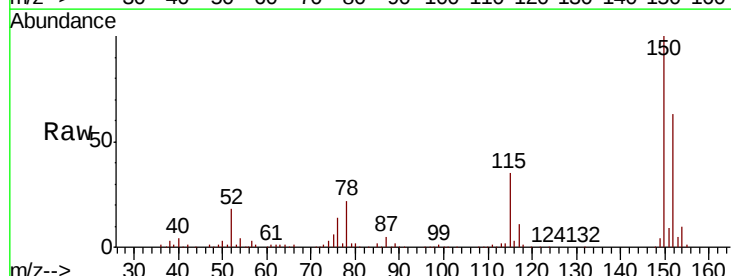
Tgt Ion:152 Resp: 186286

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

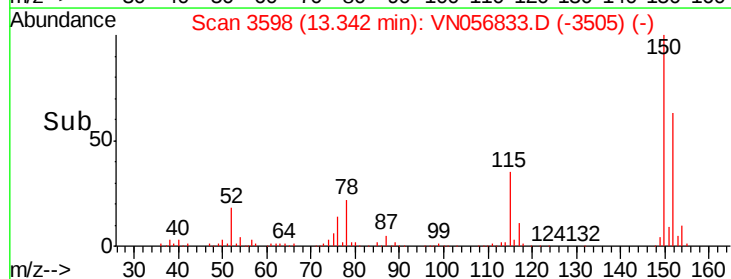
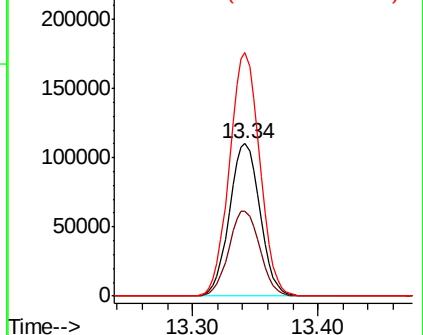
150 158.2 0.0 345.8

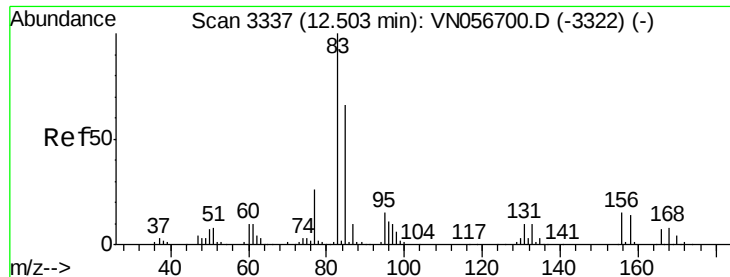


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

TP-2

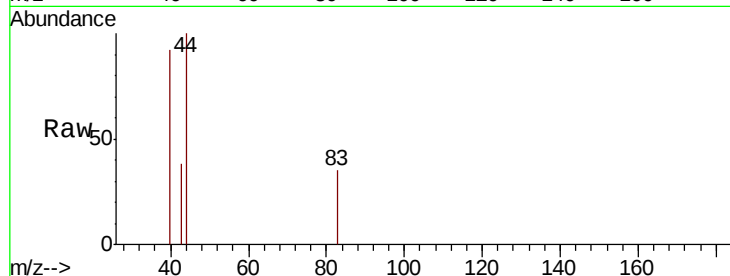
Tot Ion: 83 Resp: 60

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

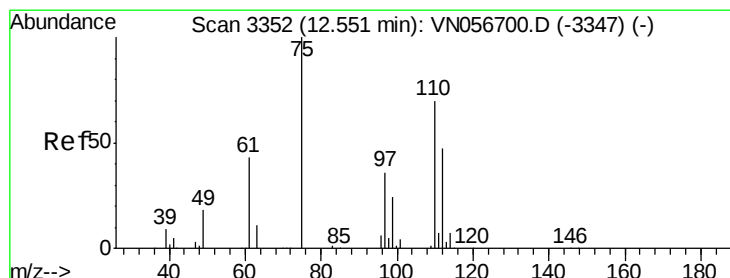
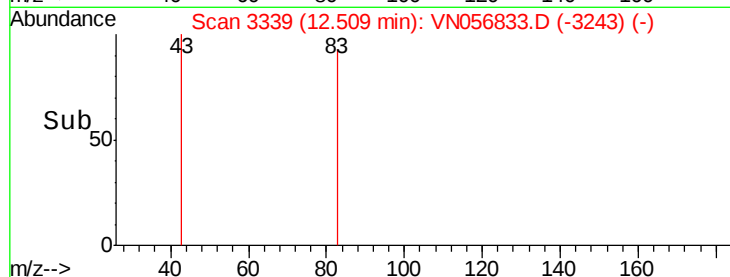
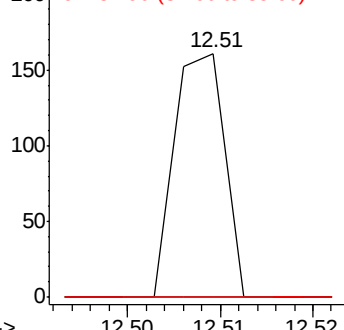
85 0.0 32.6 97.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.108 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056833.D

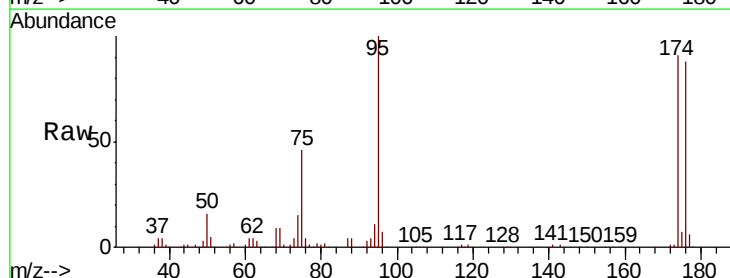
Acq: 19 Jul 2019 15:41

Tgt Ion: 75 Resp: 102301

Ion Ratio Lower Upper

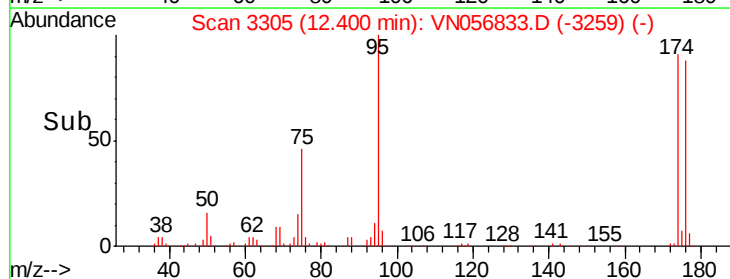
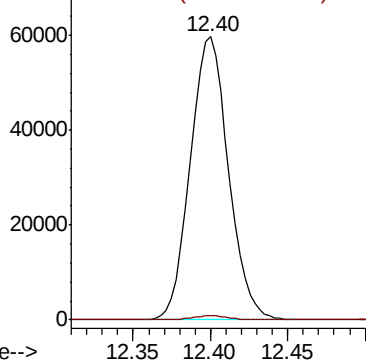
75 100

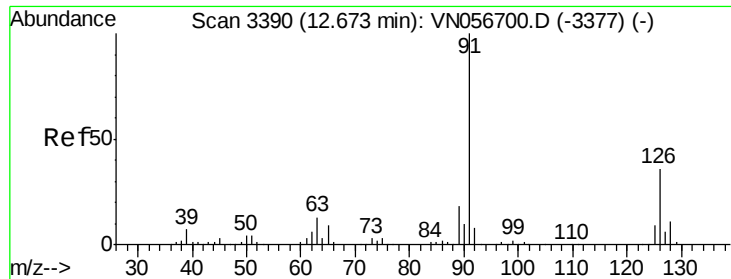
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

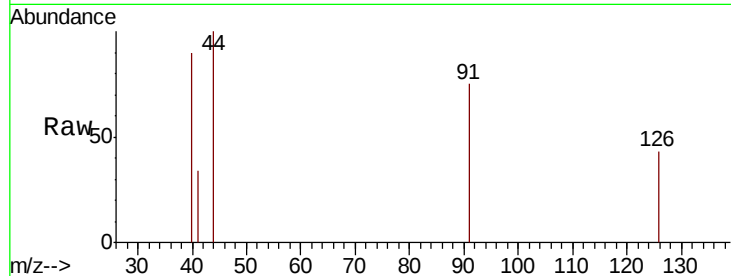
TP-2

Tot Ion: 91 Resp: 467

Ion Ratio Lower Upper

91 100

126 23.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN056700.D (-3377) (-)

12.68

400

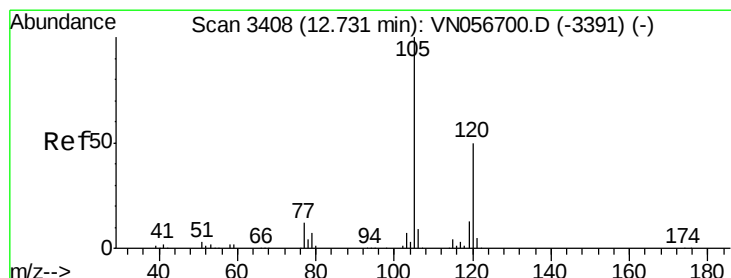
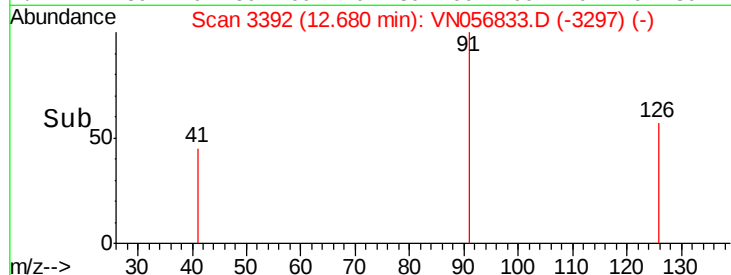
300

200

100

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.290 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056833.D

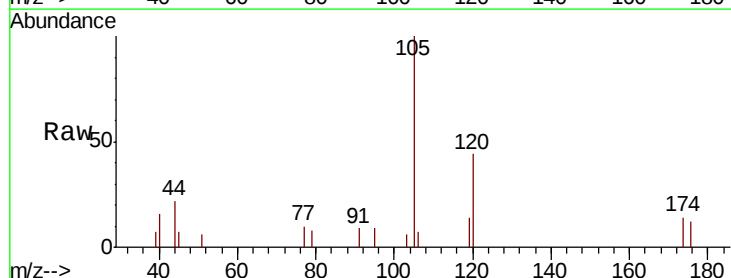
Acq: 19 Jul 2019 15:41

Tgt Ion: 105 Resp: 3697

Ion Ratio Lower Upper

105 100

120 40.7 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056700.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN056700.D (-3391) (-)

12.73

2500

2000

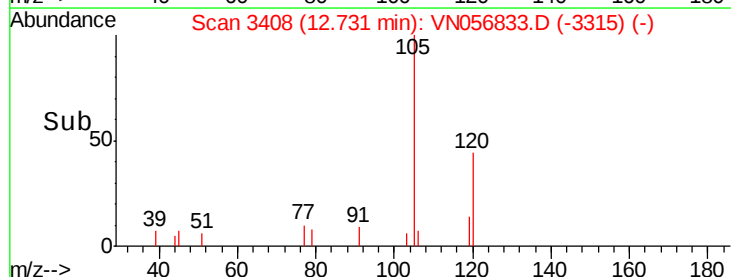
1500

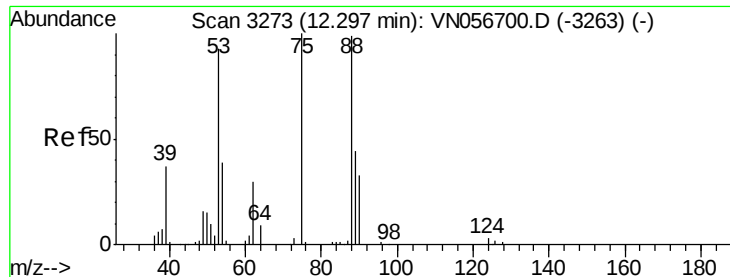
1000

500

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 77.543 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

TP-2

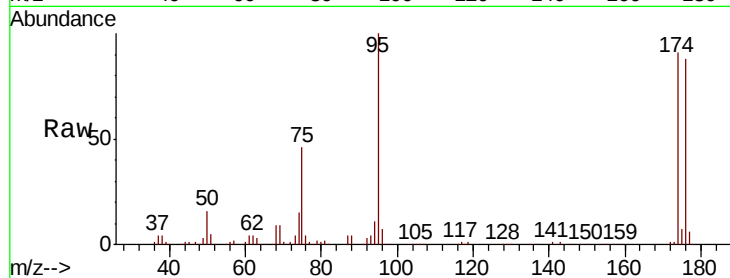
Tot Ion: 75 Resp: 102301

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

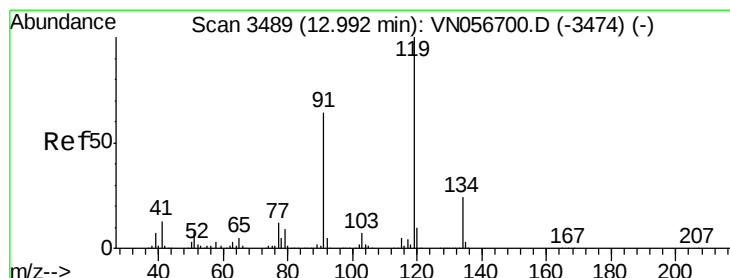
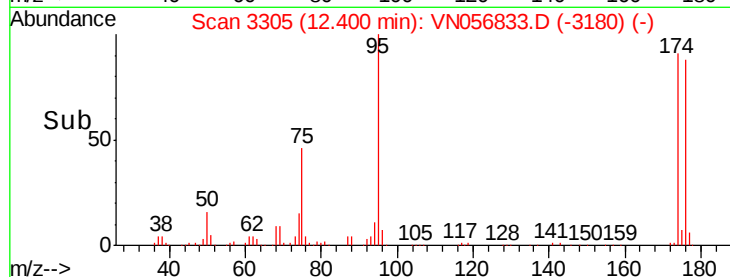
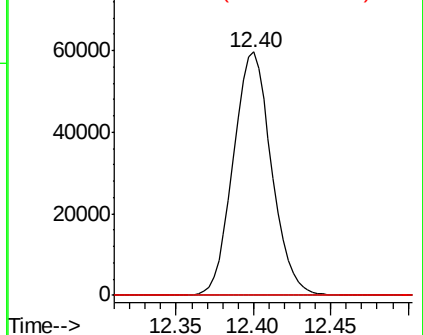
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN056700.D (-3263) (-)

Ion 53.00 (52.70 to 53.70): VN056700.D (-3263) (-)

Ion 88.90 (88.60 to 89.60): VN056700.D (-3263) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3491

Delta R.T. 0.01 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

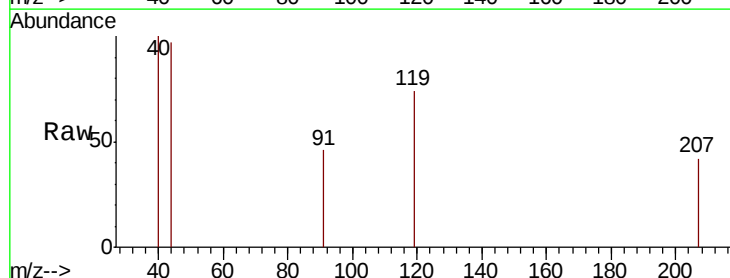
Tgt Ion: 119 Resp: 471

Ion Ratio Lower Upper

119 100

91 52.2 31.8 95.4

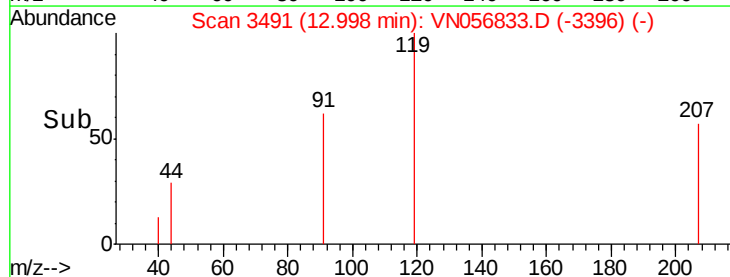
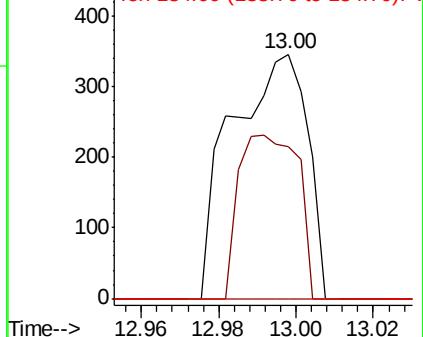
134 0.0 13.0 38.9#

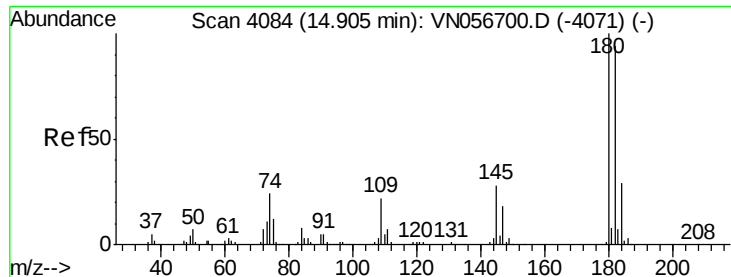


Abundance Ion 119.00 (118.70 to 119.70): VN056700.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN056700.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN056700.D (-3474) (-)

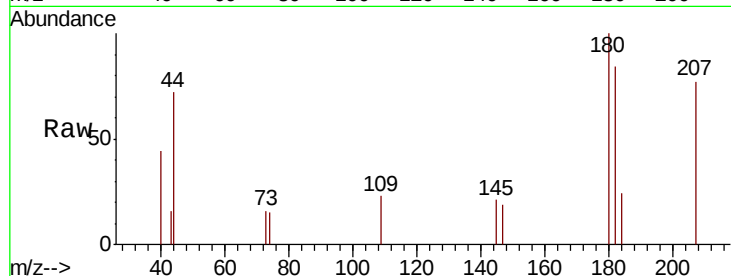




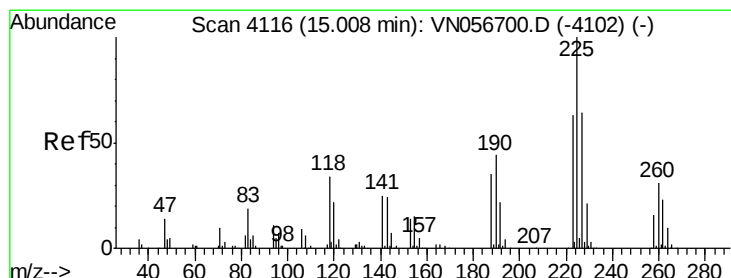
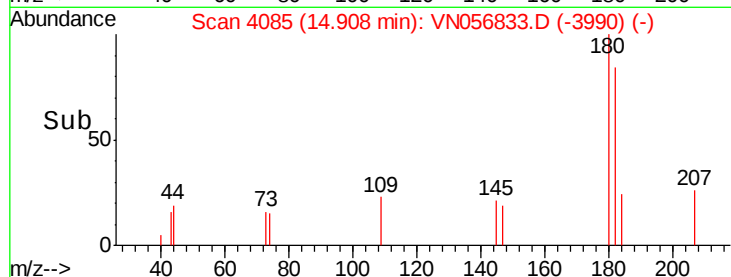
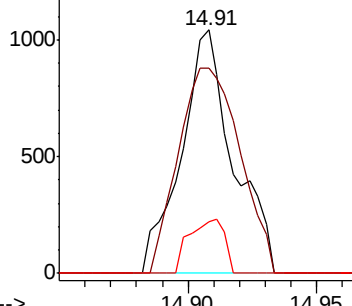
#93
 1,2,4-Trichlorobenzene
 Concen: 4.066 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

Tot Ion:180 Resp: 1471
 Ion Ratio Lower Upper
 180 100
 182 100.1 47.2 141.6
 145 15.2 14.2 42.8

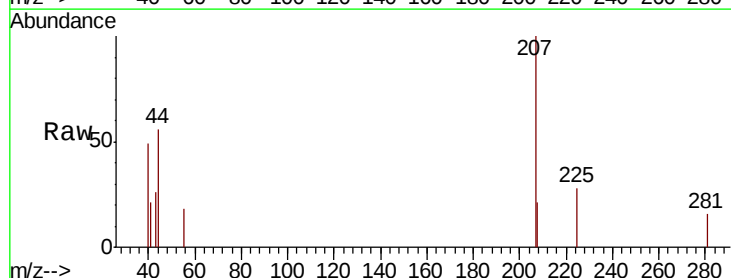


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

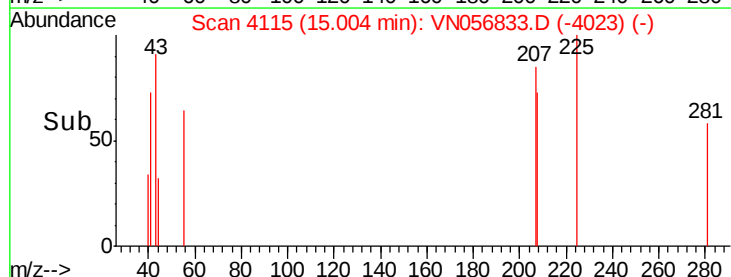
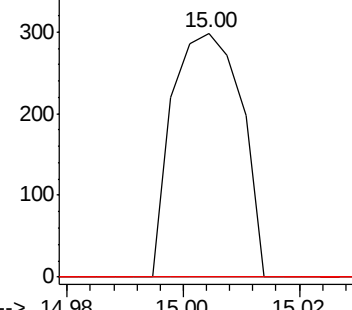


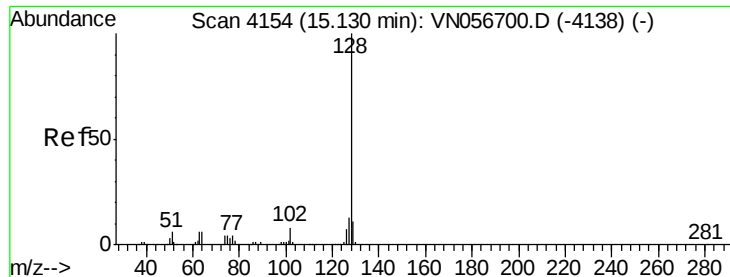
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN056833.D
 Acq: 19 Jul 2019 15:41

Tgt Ion:225 Resp: 246
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.5 94.5#
 227 0.0 32.0 96.2#



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: 5.216 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

TP-2

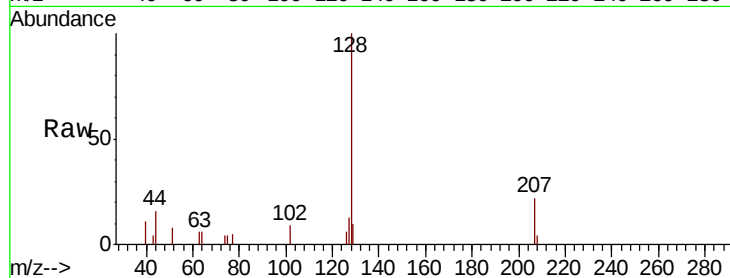
Tot Ion:128 Resp: 7578

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

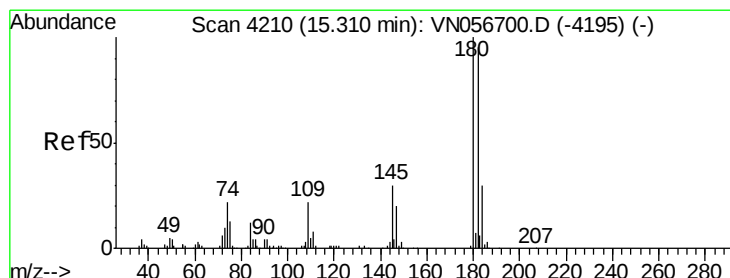
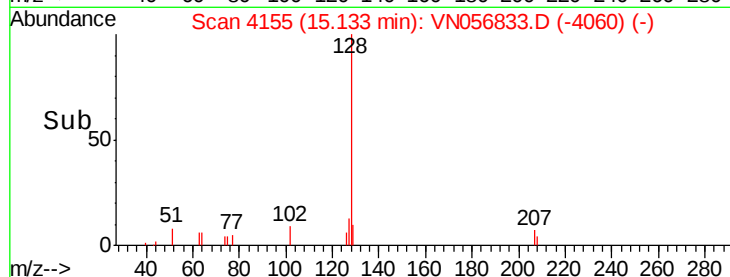
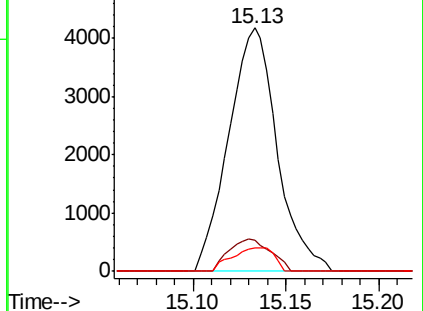
129 8.4 8.7 13.1#



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: 3.895 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN056833.D

Acq: 19 Jul 2019 15:41

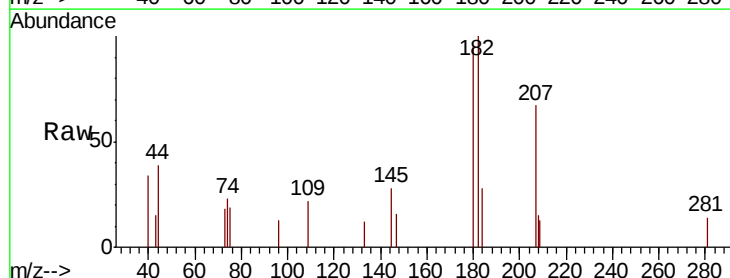
Tgt Ion:180 Resp: 2215

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.3

145 32.5 15.0 45.1



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

