

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056743.D
 Acq On : 16 Jul 2019 4:03
 Operator : JC/SP
 Sample : K3618-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-071119

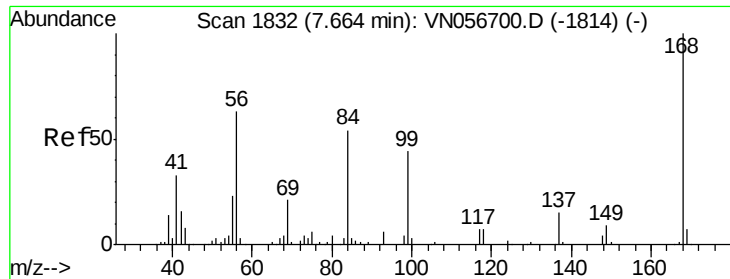
Quant Time: Jul 16 06:02:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	264229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	477697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229547	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	156031	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	145258	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.09	98	605979	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	238649	61.63	ug/l	0.00
Spiked Amount			Recovery	=	123.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	8660	6.430	ug/l	100
18) Methyl Acetate	4.33	43	421	Below Cal	#	52
20) Methylene Chloride	4.56	84	38085	12.939	ug/l	92
25) 2-Butanone	6.86	43	4031	2.047	ug/l	91
29) Tetrahydrofuran	7.22	42	598	0.466	ug/l #	35
30) Chloroform	7.38	83	2143	0.436	ug/l	88
31) Cyclohexane	7.67	56	4522	0.968	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17036	3.854	ug/l #	46
37) Ethyl Acetate	6.86	43	4031	0.925	ug/l #	68
38) Carbon Tetrachloride	7.67	117	23552	5.681	ug/l #	15
43) Isopropyl Acetate	8.17	43	15141	2.211	ug/l	93
45) 1,2-Dichloropropane	9.27	63	1263	0.351	ug/l #	45
48) Methyl methacrylate	9.18	41	7518	2.270	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	3724	0.839	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	42815	8.344	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	9487	1.722	ug/l #	42
59) 2-Hexanone	10.76	43	129643	40.729	ug/l #	51
68) m/p-Xylenes	11.62	106	2217	0.320	ug/l	94
71) Bromoform	12.40	173	1957	0.661	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	109273	21.765	ug/l #	100
79) 2-Chlorotoluene	12.68	91	155	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3844	0.245	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	109273	67.218	ug/l #	13
83) tert-Butylbenzene	13.04	119	850	Below Cal	#	82
84) 1,2,4-Trimethylbenzene	13.04	105	7392	0.482	ug/l	98
93) 1,2,4-Trichlorobenzene	14.90	180	353	3.764	ug/l	90
95) Naphthalene	15.13	128	214368	20.378	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	258	3.377	ug/l #	31

(#) = 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

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MSVOA_N

ClientSampleId :

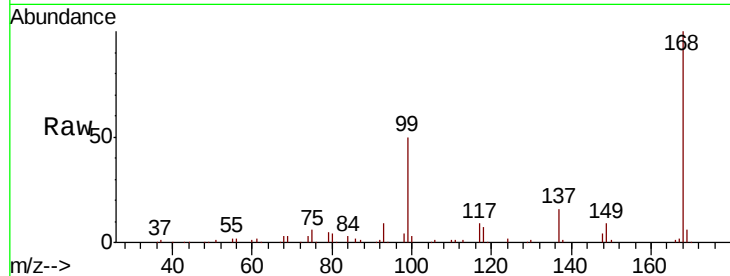
HD-02-071119

Tot Ion:168 Resp: 264229

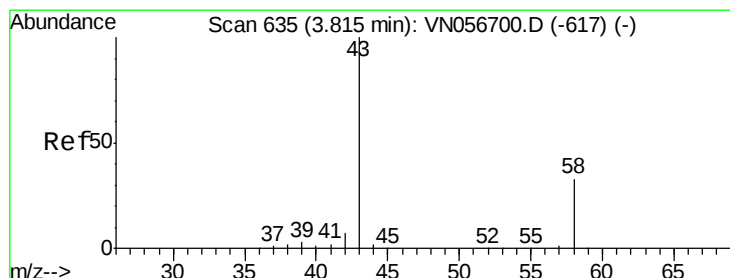
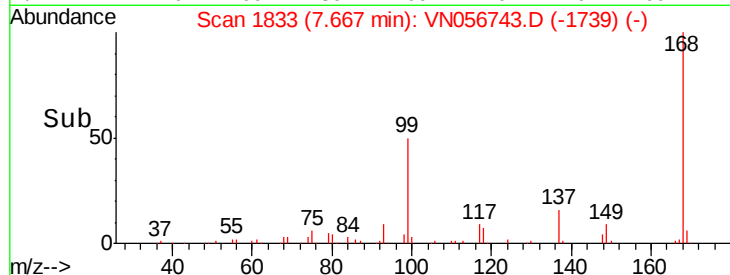
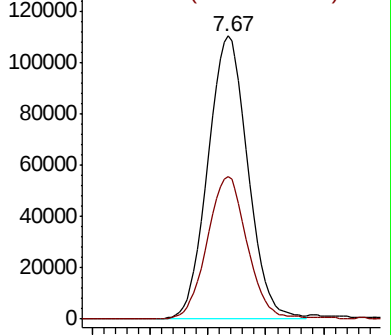
Ion Ratio Lower Upper

168 100

99 50.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056743.D (-1739) (-)



#16

Acetone

Concen: 6.430 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056743.D

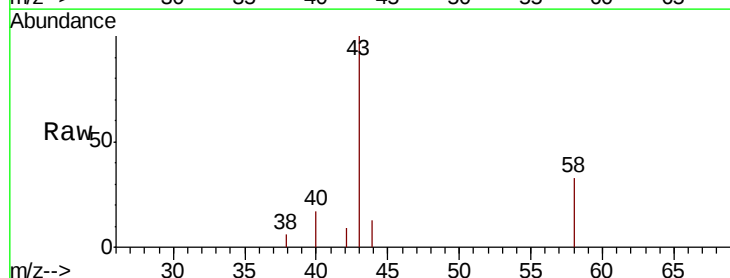
Acq: 16 Jul 2019 4:03

Tgt Ion: 43 Resp: 8660

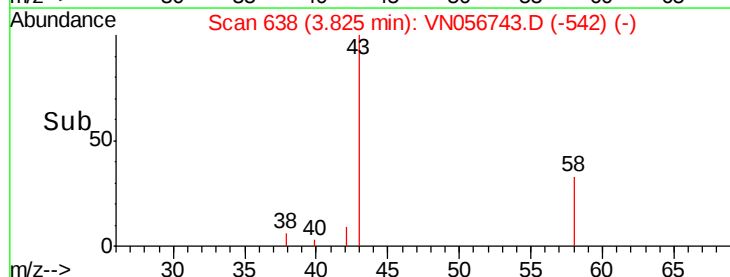
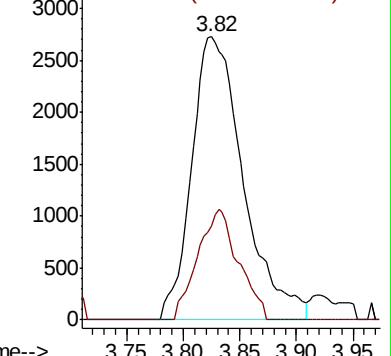
Ion Ratio Lower Upper

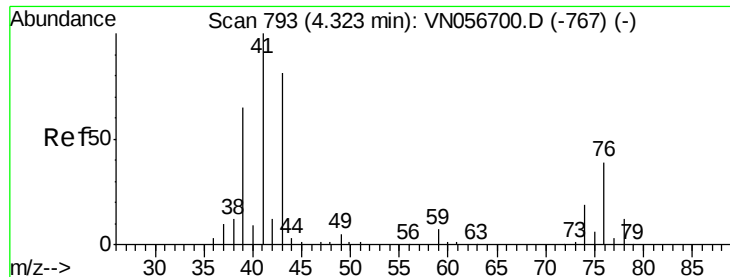
43 100

58 33.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN056743.D (-542) (-)

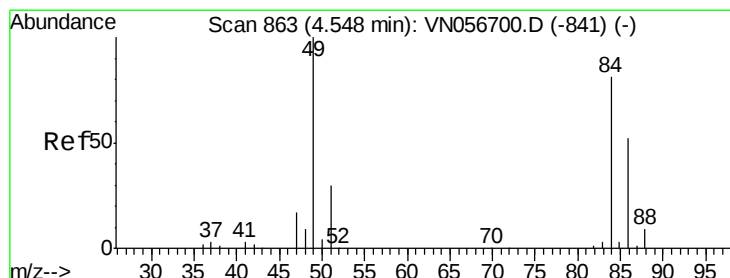
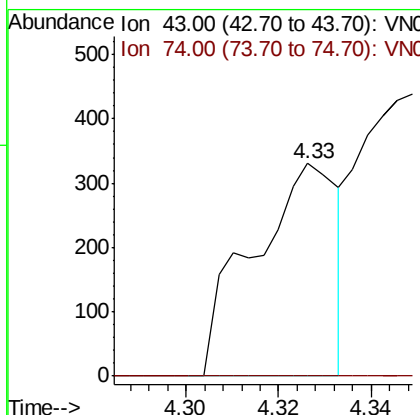
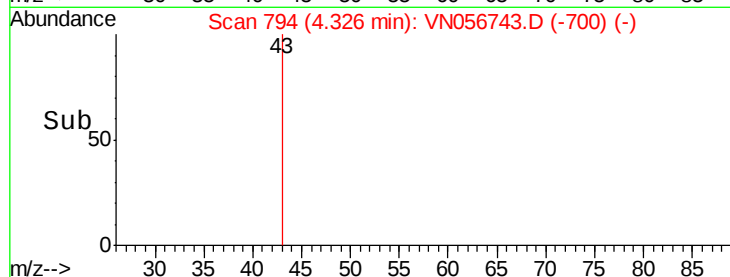
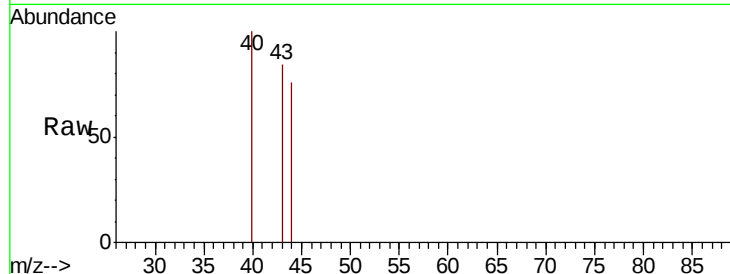




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

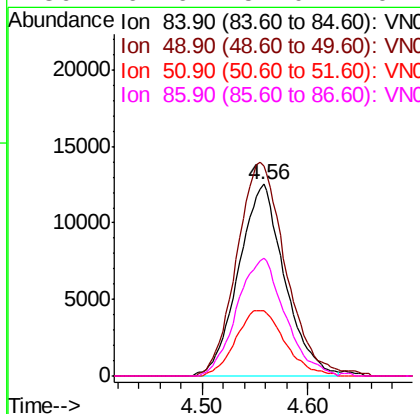
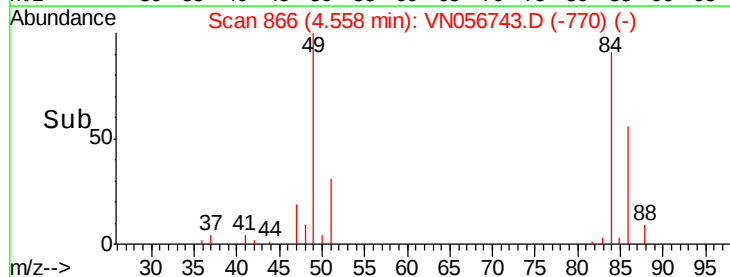
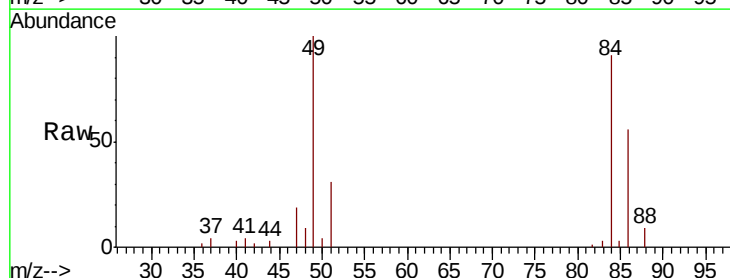
Instrument :
MSVOA_N
ClientSampled :
HD-02-071119

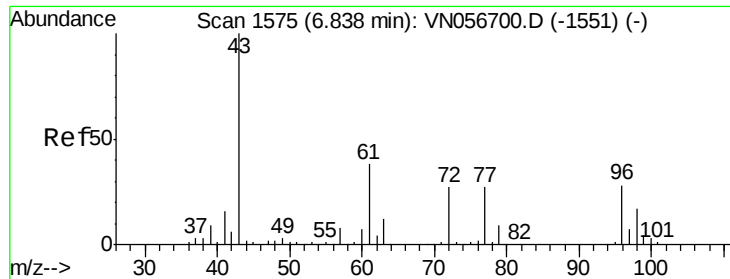
Tot Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 12.939 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion: 84 Resp: 38085
Ion Ratio Lower Upper
84 100
49 109.7 98.2 147.4
51 34.1 29.6 44.4
86 61.6 51.0 76.4

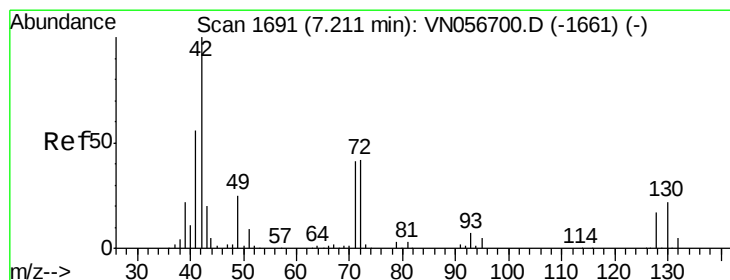
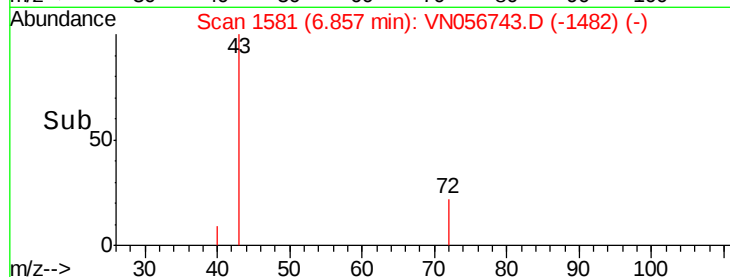
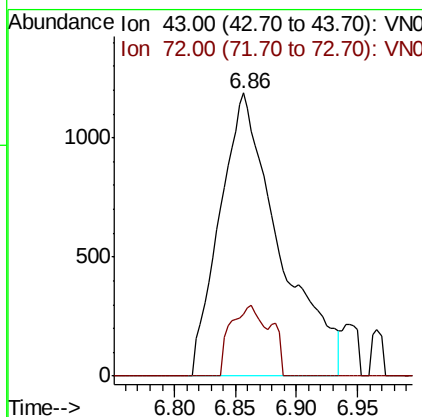
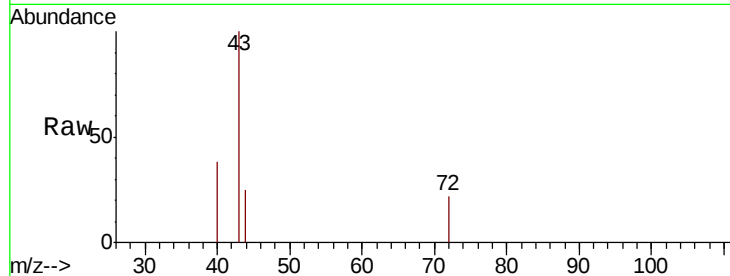




#25
2-Butanone
Concen: 2.047 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

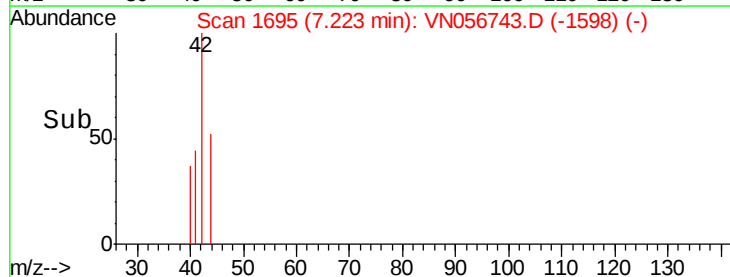
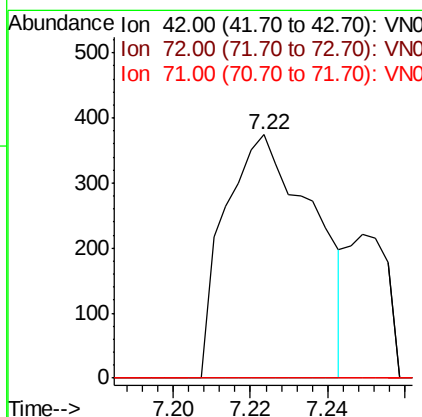
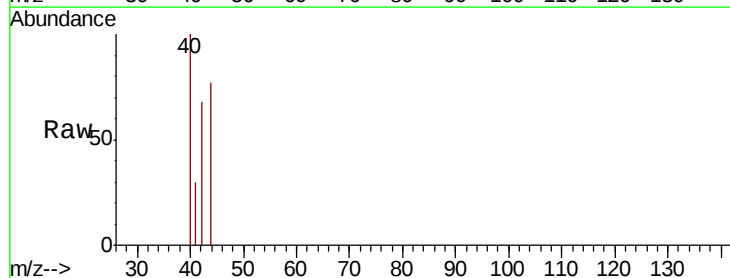
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MSVOA_N
ClientSampled :
HD-02-071119

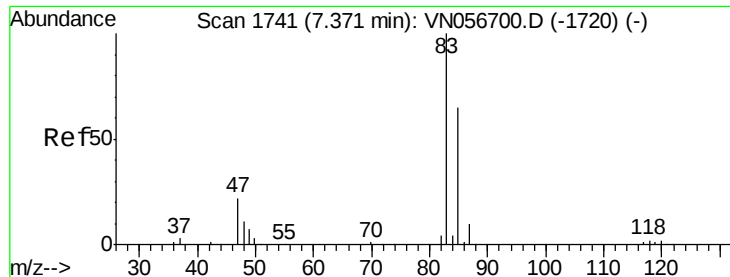
Tot Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
72 22.0 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.466 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion: 42 Resp: 598
Ion Ratio Lower Upper
42 100
72 0.0 33.5 50.3#
71 0.0 31.8 47.8#

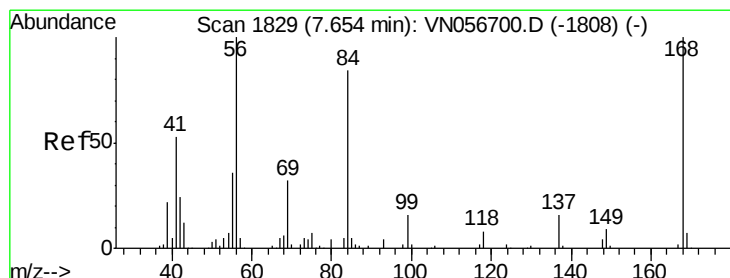
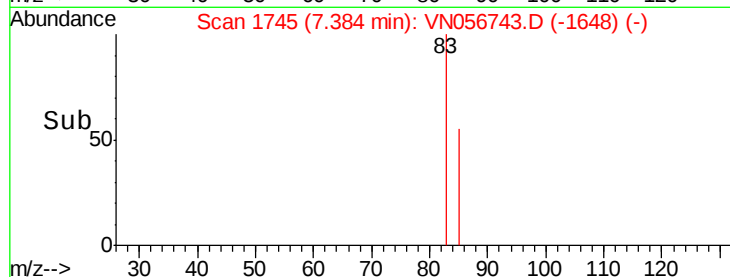
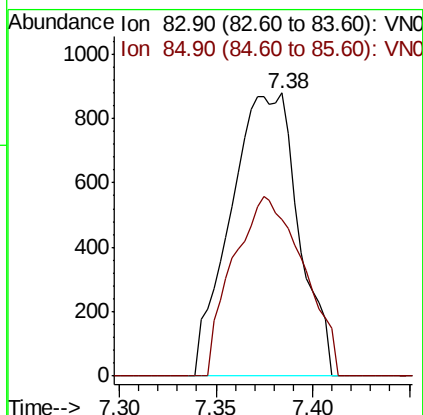
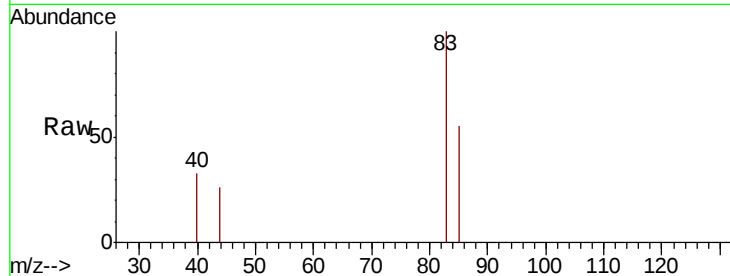




#30
Chloroform
Concen: 0.436 ug/l
RT: 7.38 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

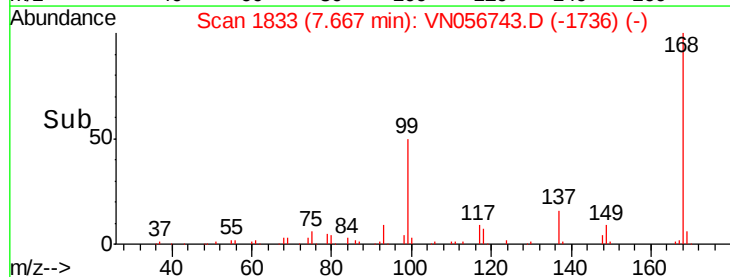
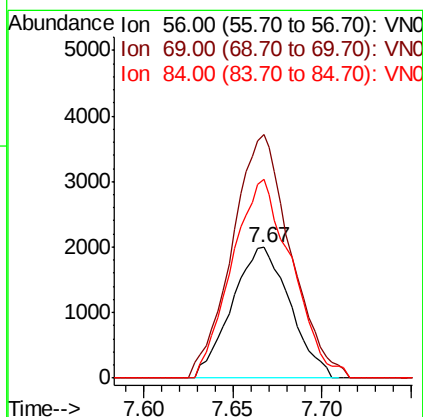
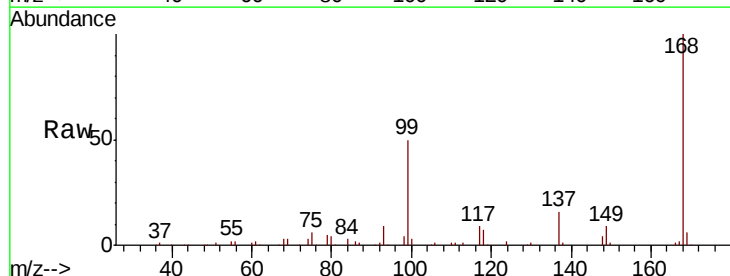
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HD-02-071119

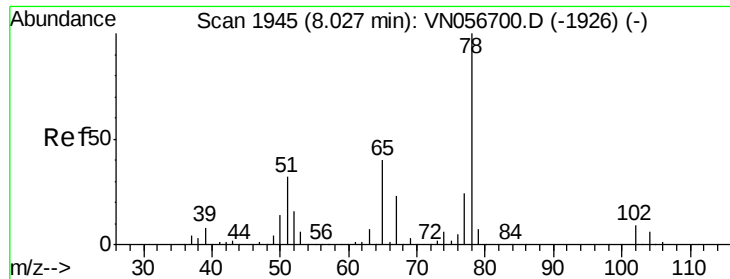
Tot Ion: 83 Resp: 2143
Ion Ratio Lower Upper
83 100
85 55.4 51.9 77.9



#31
Cyclohexane
Concen: 0.968 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion: 56 Resp: 4522
Ion Ratio Lower Upper
56 100
69 186.4 25.8 38.8#
84 152.6 67.4 101.0#

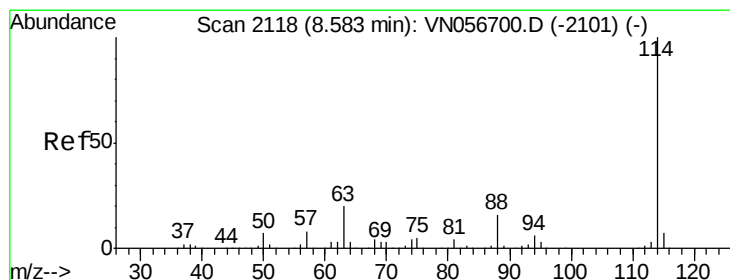
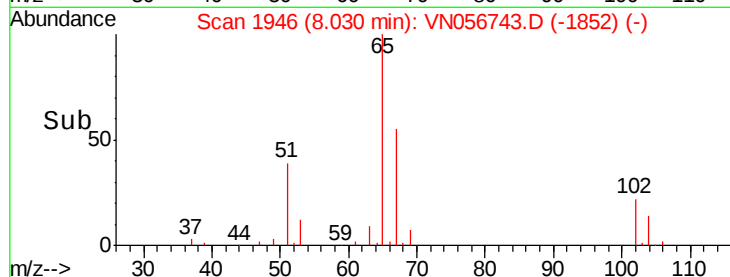
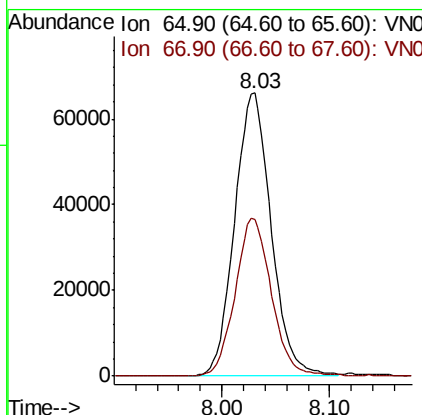
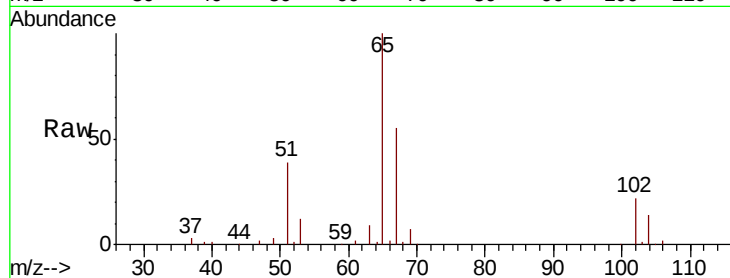




#33
 1,2-Dichloroethane-d4
 Concen: 53.385 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN056743.D
 Acq: 16 Jul 2019 4:03

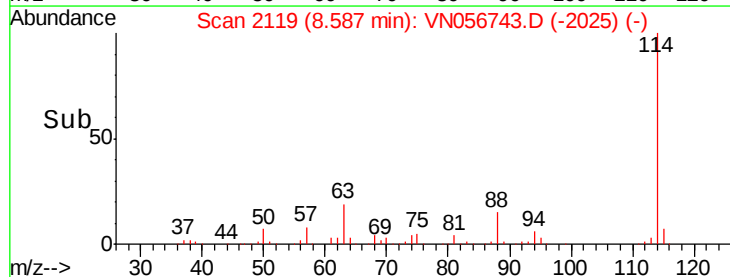
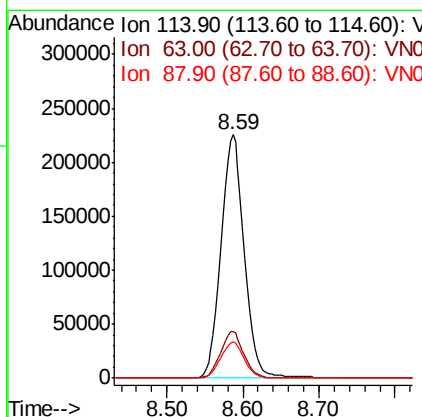
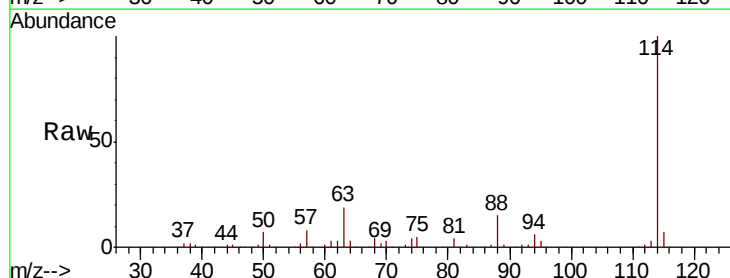
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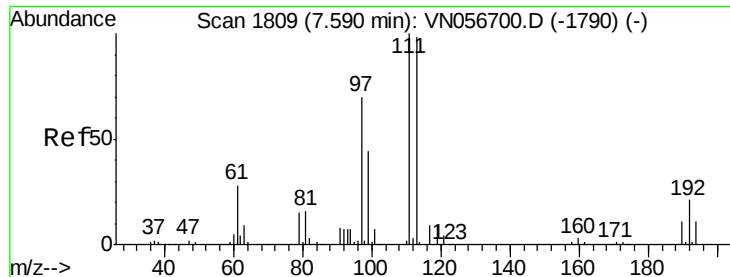
Tot Ion: 65 Resp: 156031
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056743.D
 Acq: 16 Jul 2019 4:03

Tgt Ion: 114 Resp: 477697
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.4
 88 15.0 0.0 31.2

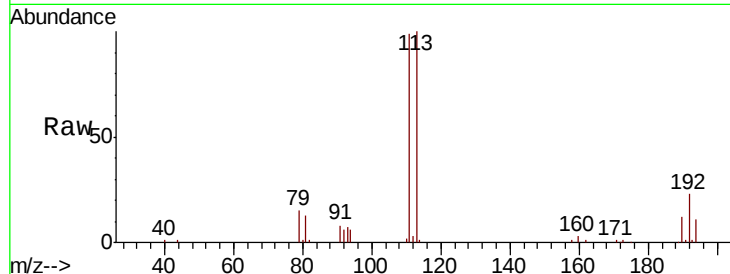




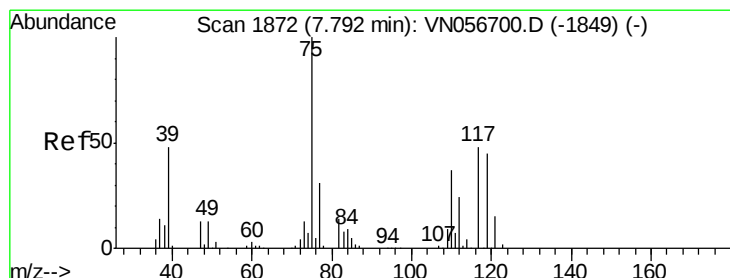
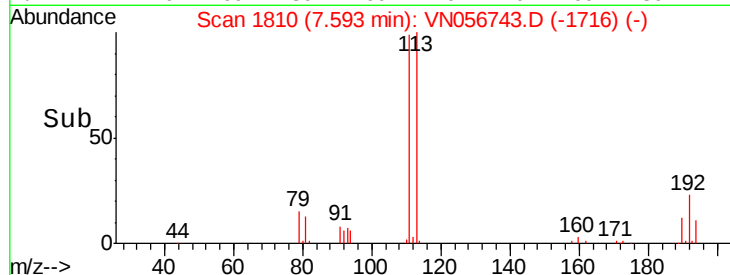
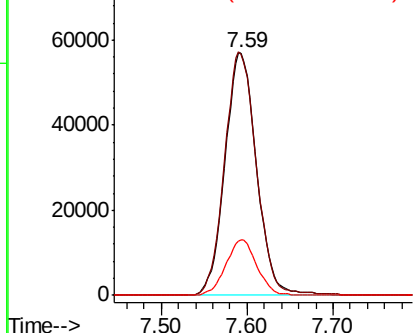
#35
Dibromofluoromethane
Concen: 48.862 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Instrument :
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Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.6
192	22.3	17.5	26.3

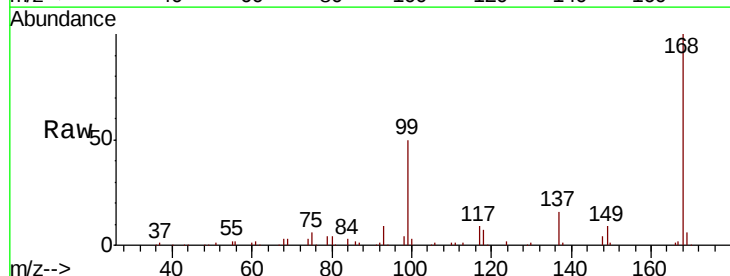


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

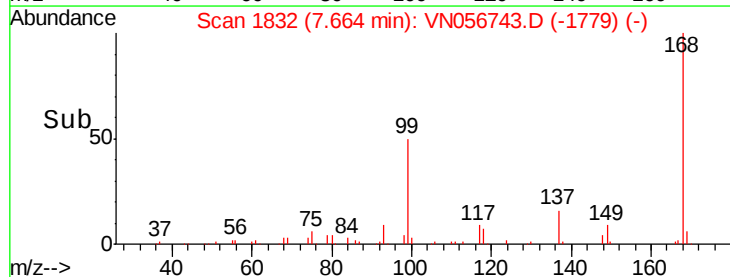
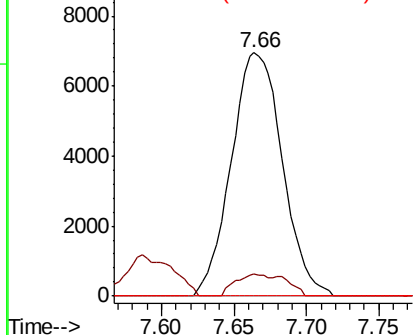


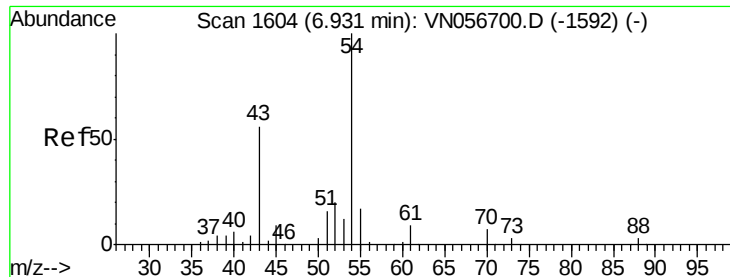
#36
1,1-Dichloropropene
Concen: 3.854 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.2	18.4	55.4#
77	0.0	24.6	36.8#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

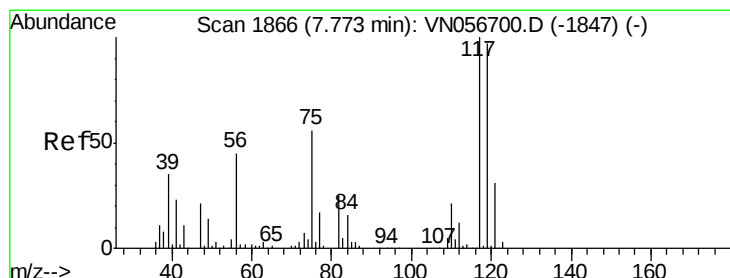
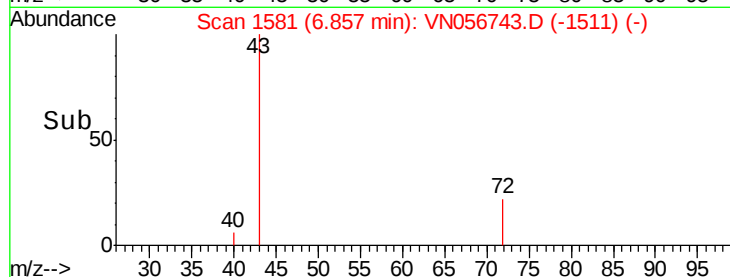
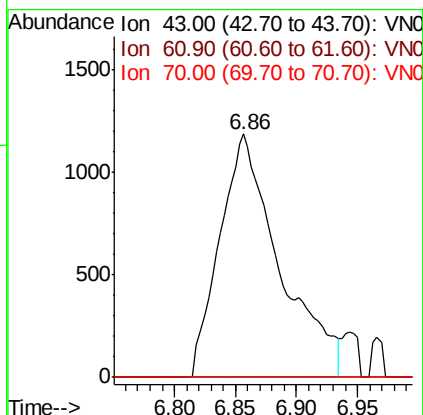
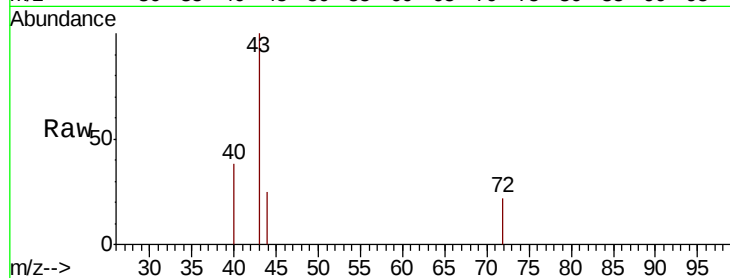




#37
Ethyl Acetate
Concen: 0.925 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. -0.07 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

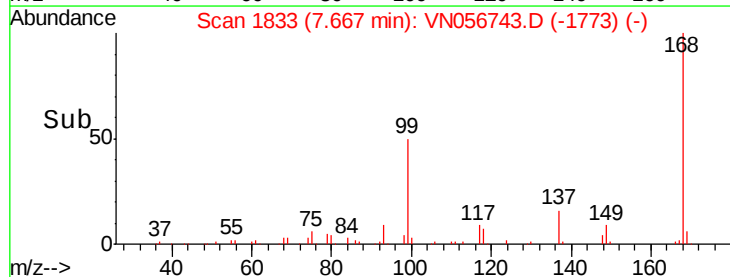
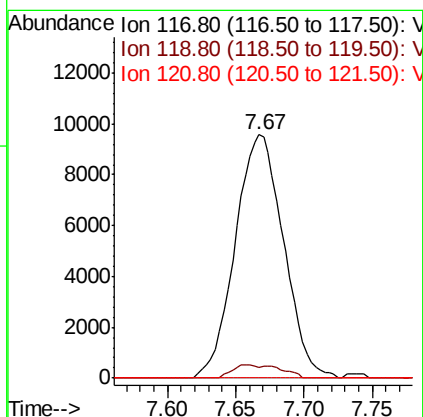
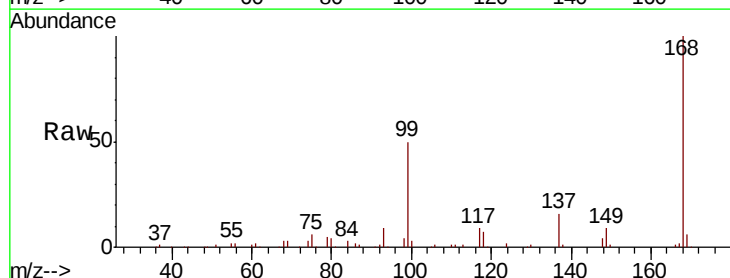
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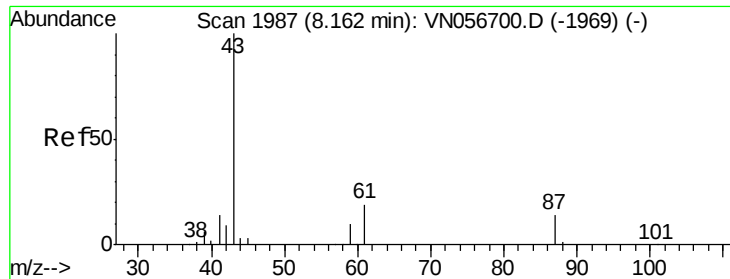
Tot Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 5.681 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion: 117 Resp: 23552
Ion Ratio Lower Upper
117 100
119 4.6 77.5 116.3#
121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 2.211 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

HD-02-071119

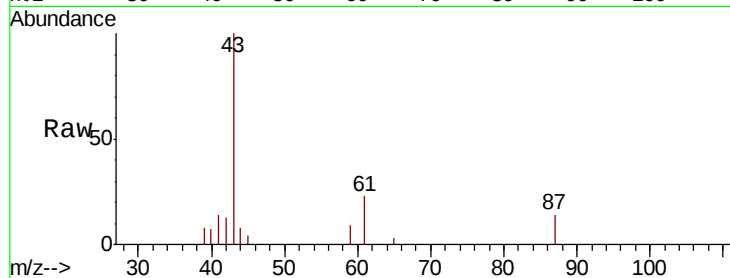
Tot Ion: 43 Resp: 15141

Ion Ratio Lower Upper

43 100

61 23.0 22.3 33.5

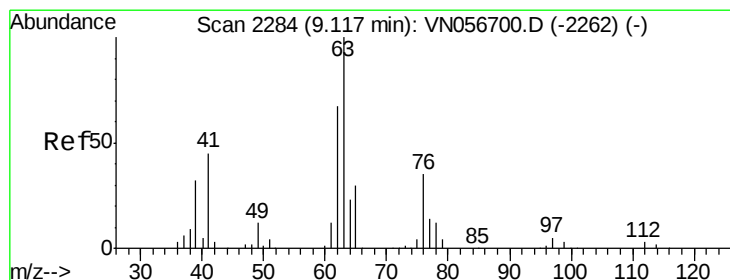
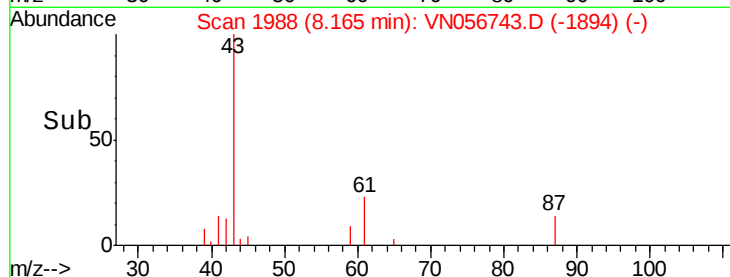
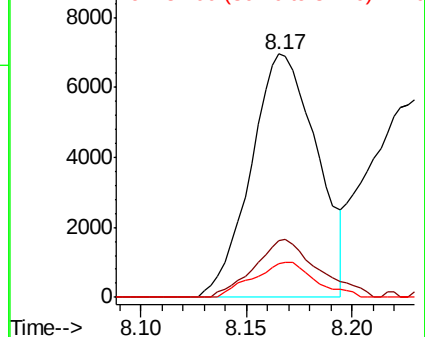
87 13.5 11.1 16.7



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: 0.351 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056743.D

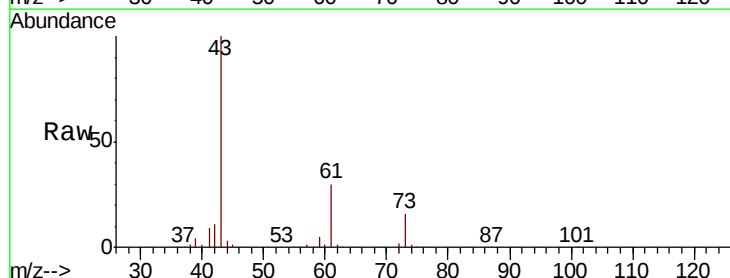
Acq: 16 Jul 2019 4:03

Tgt Ion: 63 Resp: 1263

Ion Ratio Lower Upper

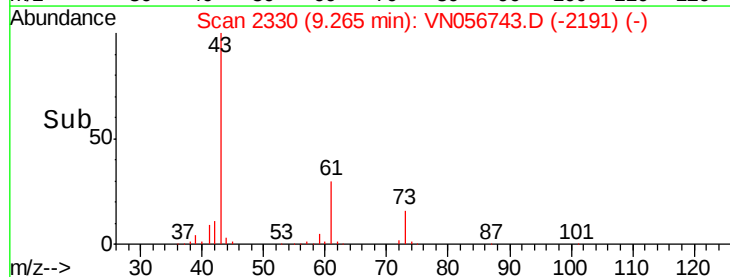
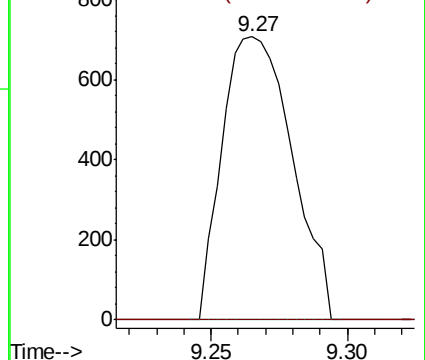
63 100

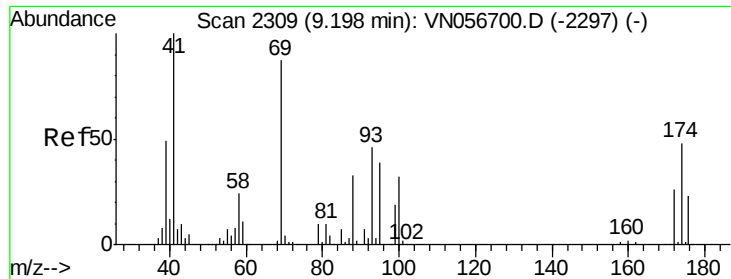
65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

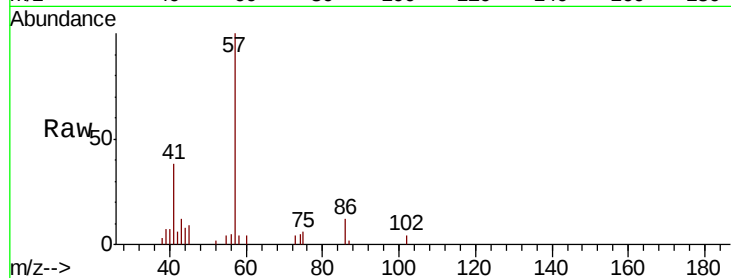




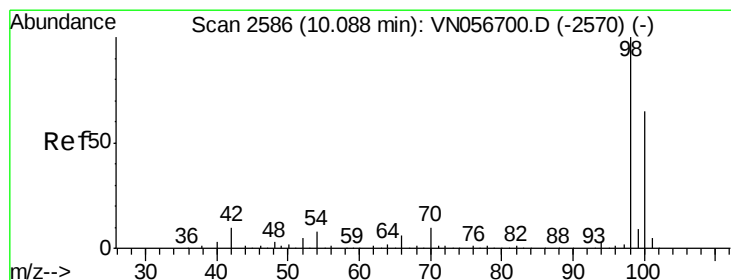
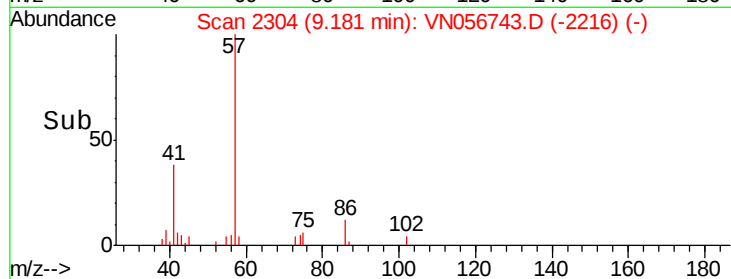
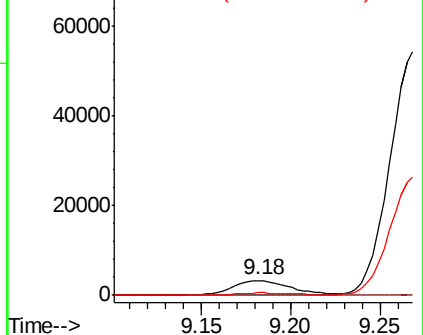
#48
Methvl methacrylate
Concen: 2.270 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Instrument :
MSVOA_N
ClientSampleId :
HD-02-071119

Tot Ion: 41 Resp: 7518
Ion Ratio Lower Upper
41 100
69 0.0 71.4 107.0#
39 0.0 41.2 61.8#

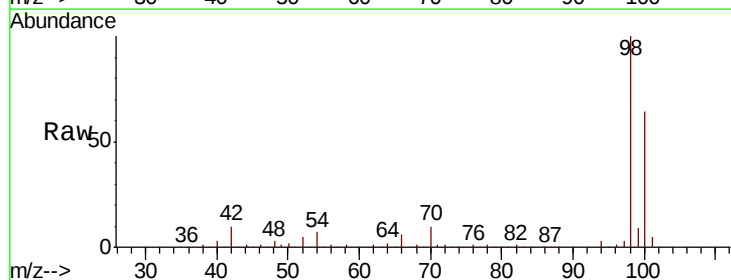


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

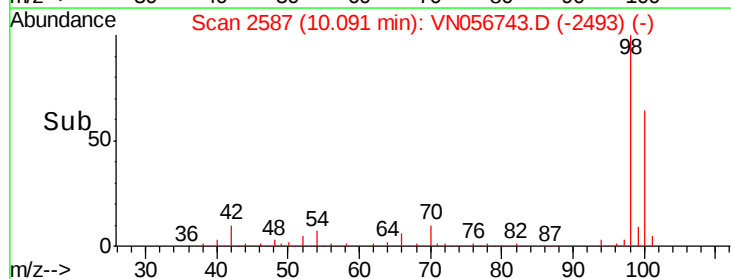
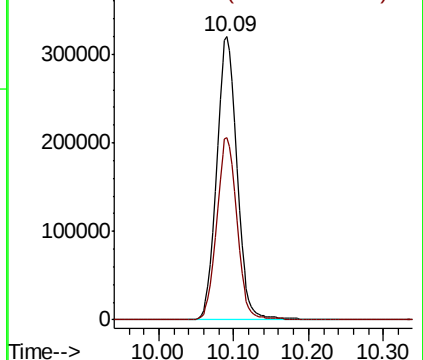


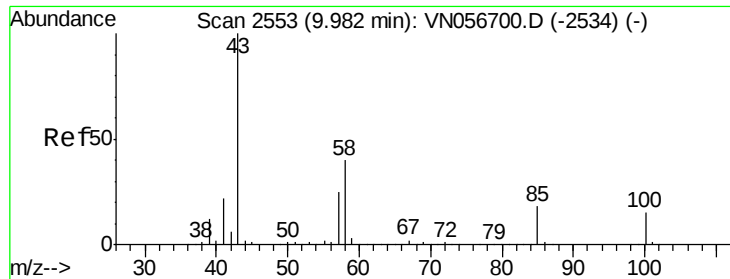
#50
Toluene-d8
Concen: 52.778 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion: 98 Resp: 605979
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 0.839 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

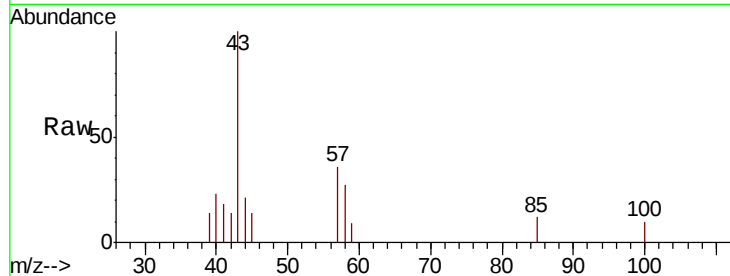
HD-02-071119

Tot Ion: 43 Resp: 3724

Ion Ratio Lower Upper

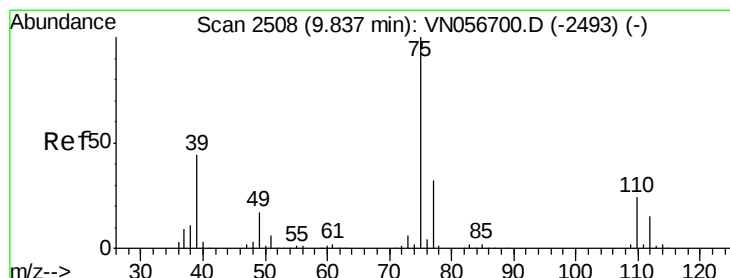
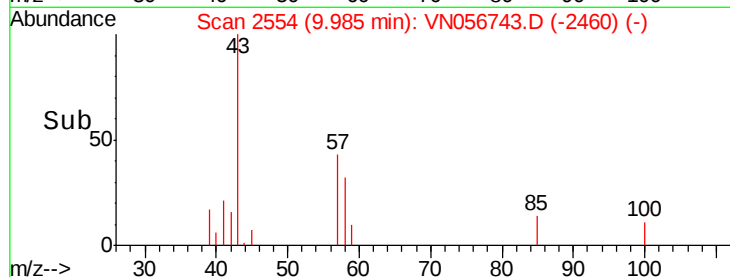
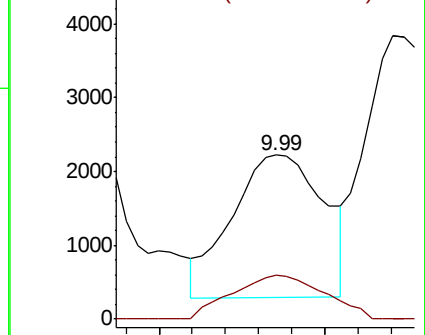
43 100

58 31.1 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.344 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

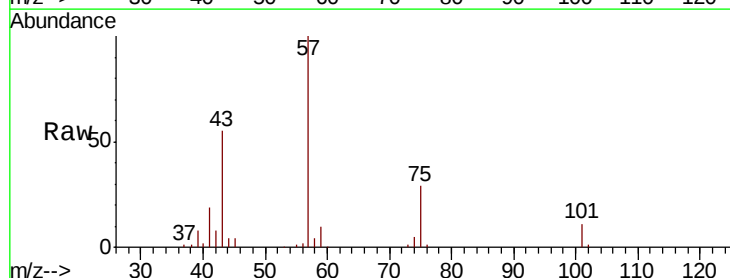
Tgt Ion: 75 Resp: 42815

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#

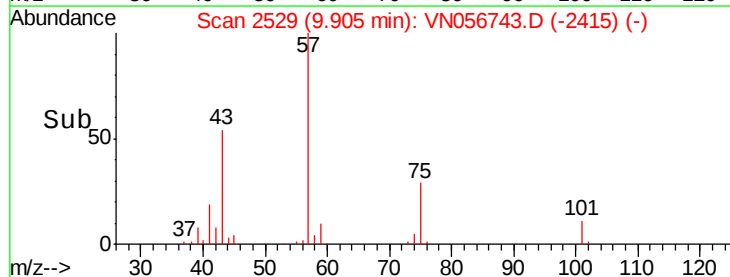
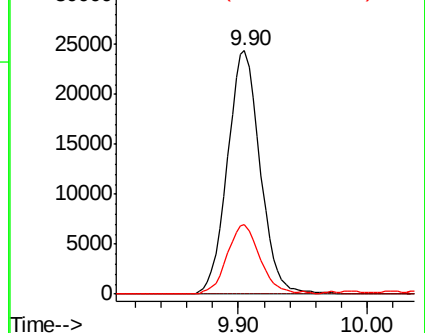
39 28.4 35.1 52.7#

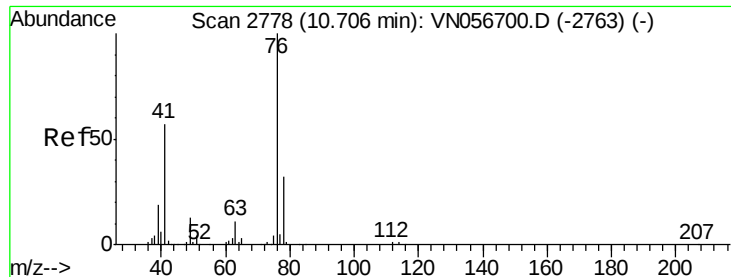


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.722 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.05 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

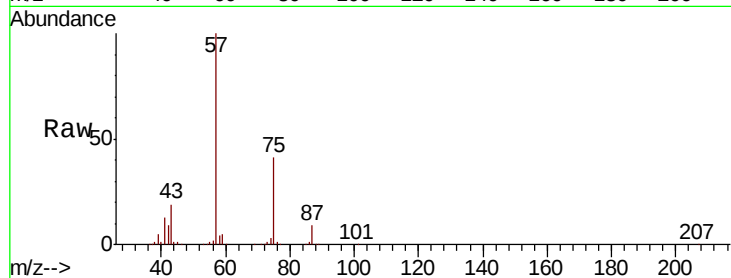
HD-02-071119

Tot Ion: 76 Resp: 9487

Ion Ratio Lower Upper

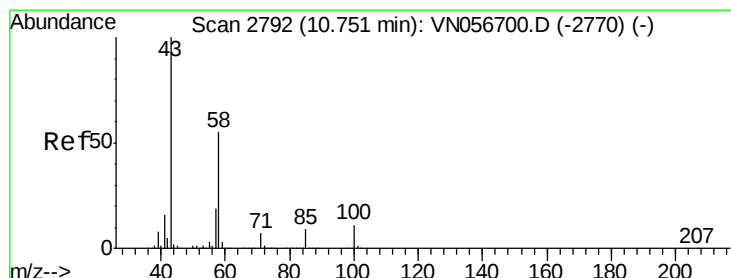
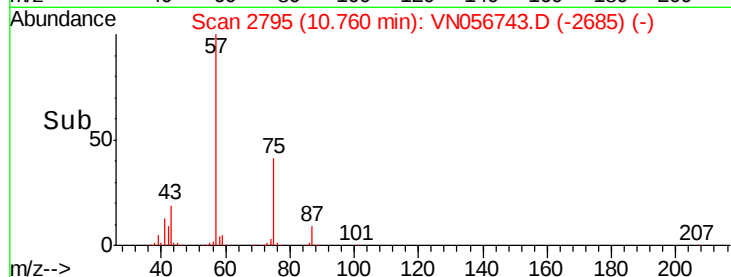
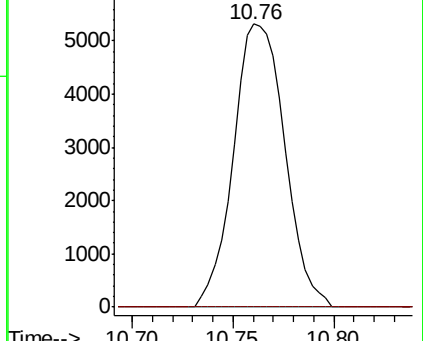
76 100

78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 40.729 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056743.D

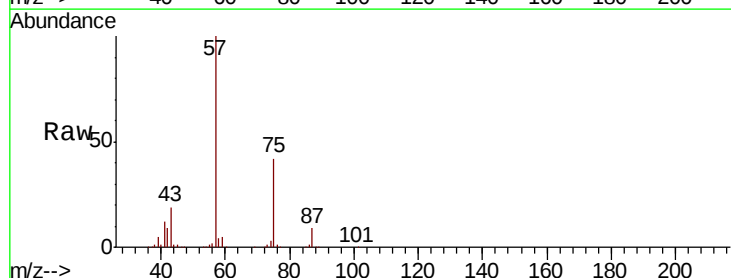
Acq: 16 Jul 2019 4:03

Tgt Ion: 43 Resp: 129643

Ion Ratio Lower Upper

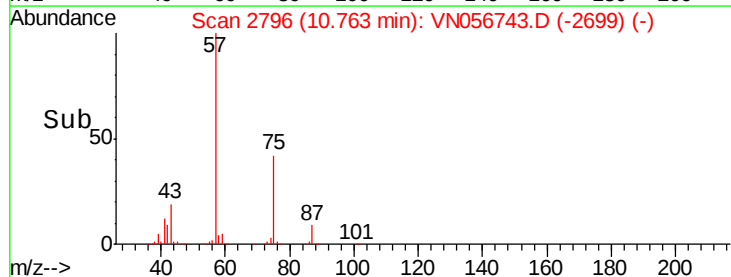
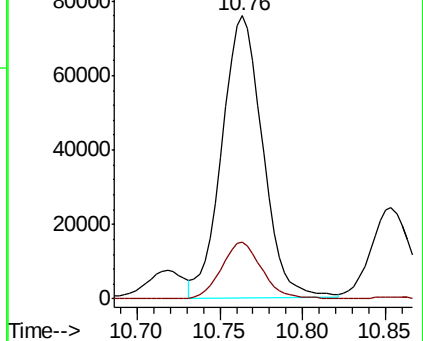
43 100

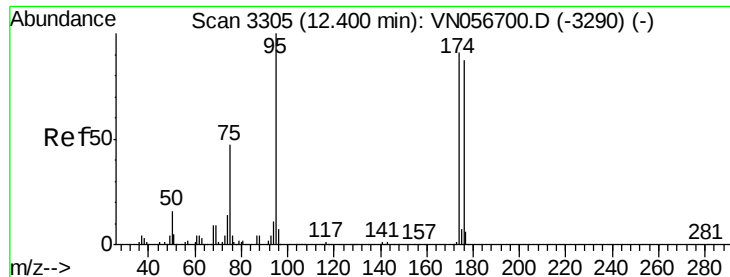
58 20.1 27.9 83.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

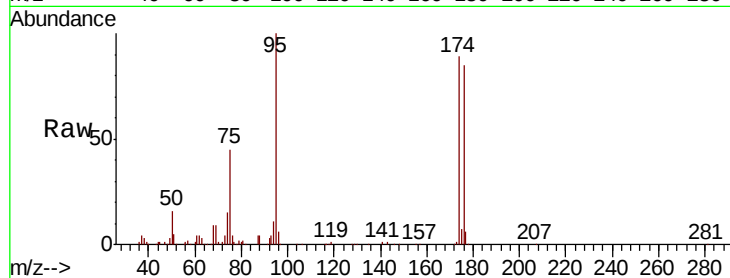




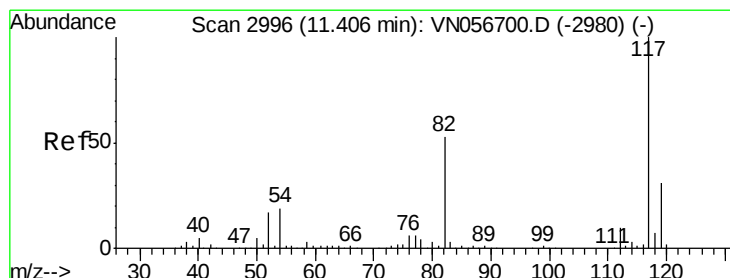
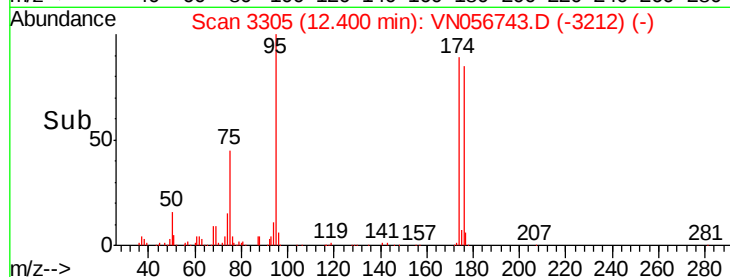
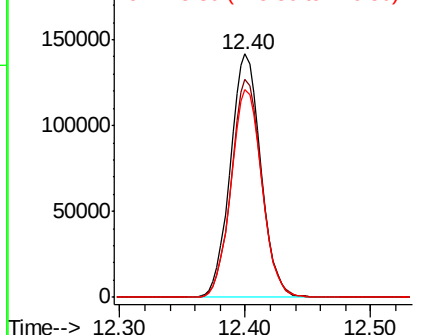
#62
4-Bromofluorobenzene
Concen: 61.634 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Instrument :
MSVOA_N
ClientSampleId :
HD-02-071119

Tot Ion: 95 Resp: 238649
Ion Ratio Lower Upper
95 100
174 89.4 0.0 180.0
176 86.7 0.0 173.2

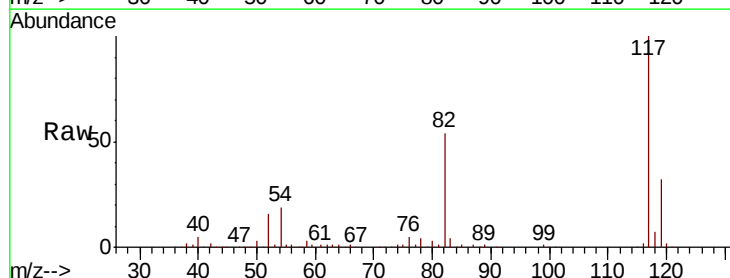


Abundance Ion 94.90 (94.60 to 95.60): VN056743.D (-3212) (-)
Ion 173.80 (173.50 to 174.50): VN056743.D (-3212) (-)
Ion 175.80 (175.50 to 176.50): VN056743.D (-3212) (-)

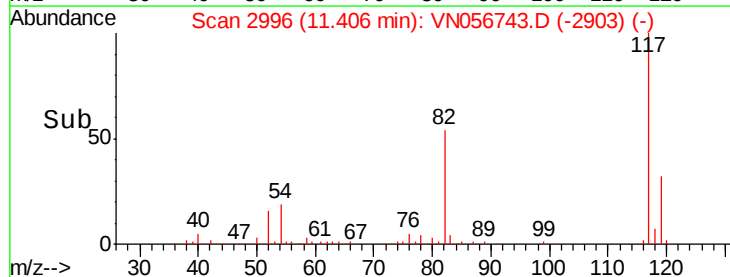
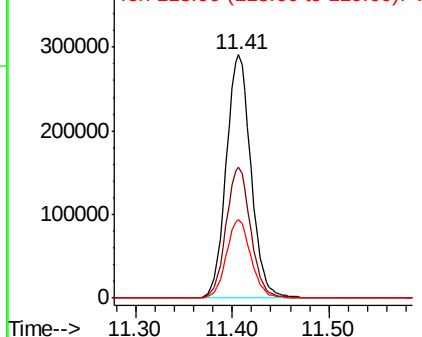


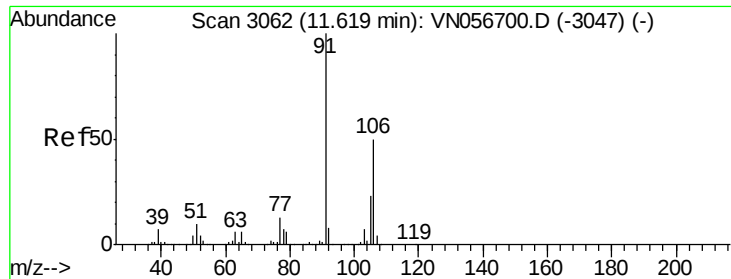
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion: 117 Resp: 516612
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.2
119 32.4 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN056743.D (-2903) (-)
Ion 82.00 (81.70 to 82.70): VN056743.D (-2903) (-)
Ion 118.90 (118.60 to 119.60): VN056743.D (-2903) (-)

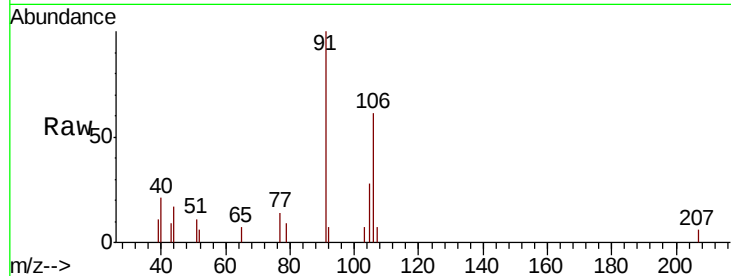




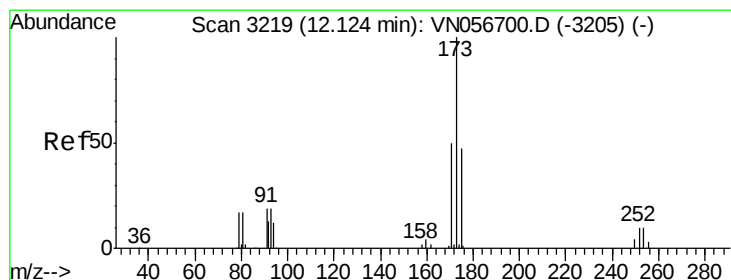
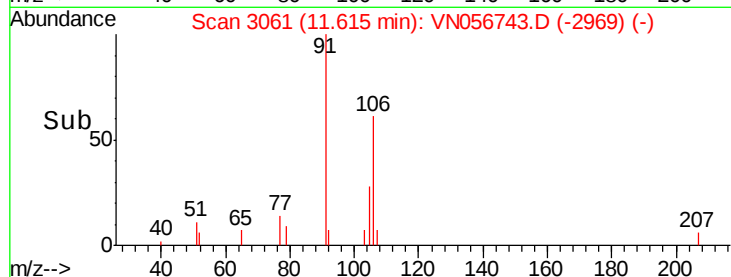
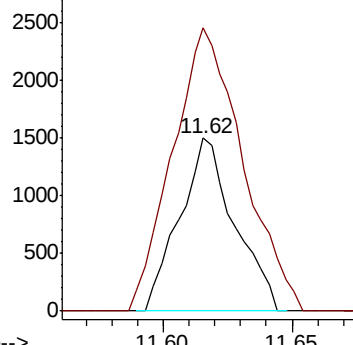
#68
m/p-Xvlenes
Concen: 0.320 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Instrument :
MSVOA_N
ClientSampled :
HD-02-071119

Tot Ion:106 Resp: 2217
Ion Ratio Lower Upper
106 100
91 209.2 160.5 240.7

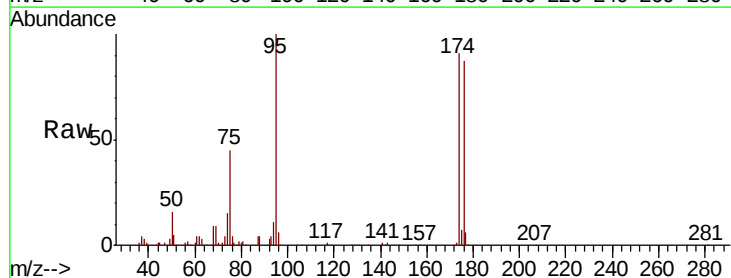


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

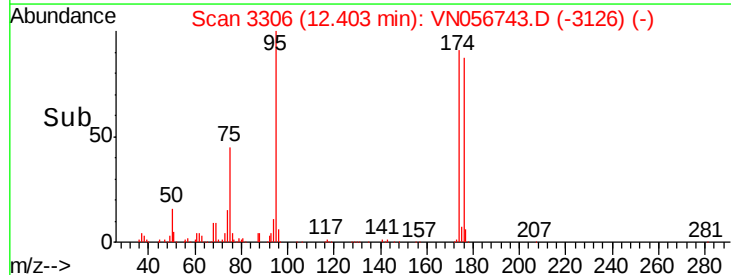
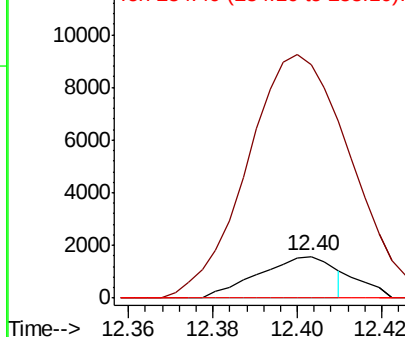


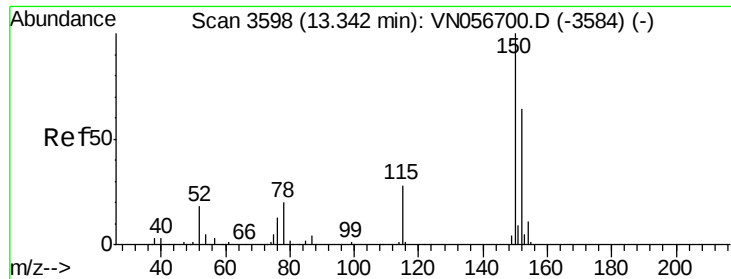
#71
Bromoform
Concen: 0.661 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion:173 Resp: 1957
Ion Ratio Lower Upper
173 100
175 664.5 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: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

HD-02-071119

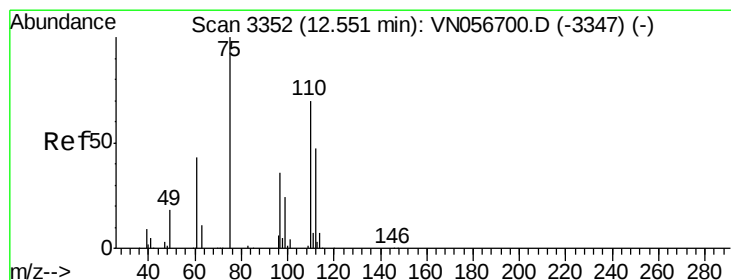
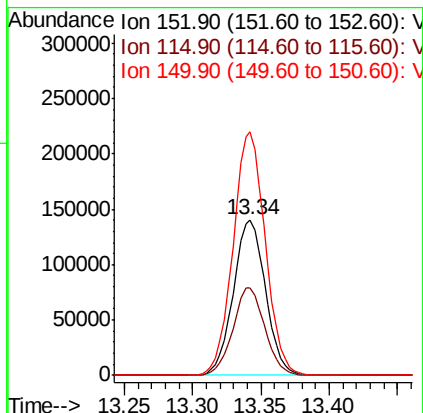
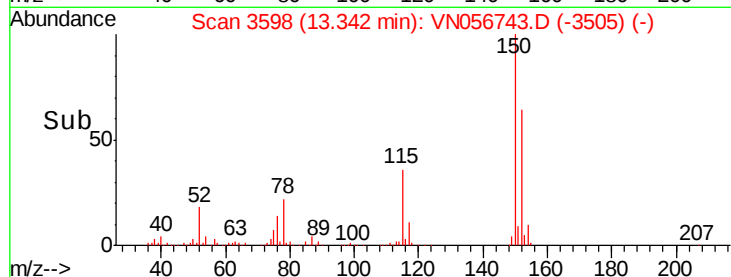
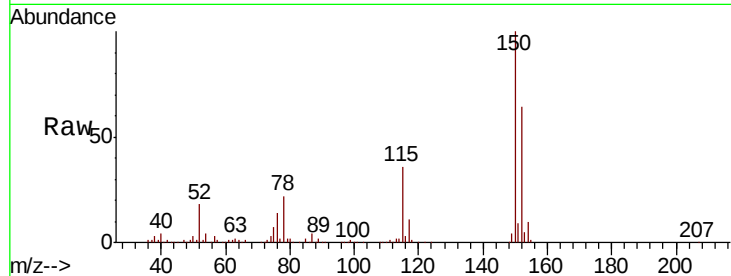
Tot Ion:152 Resp: 229547

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 156.5 0.0 345.8



#76

1,2,3-Trichloropropane

Concen: 21.765 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056743.D

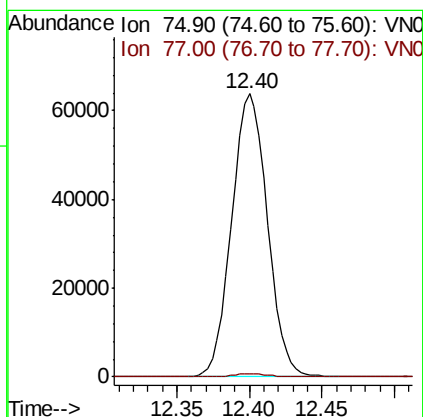
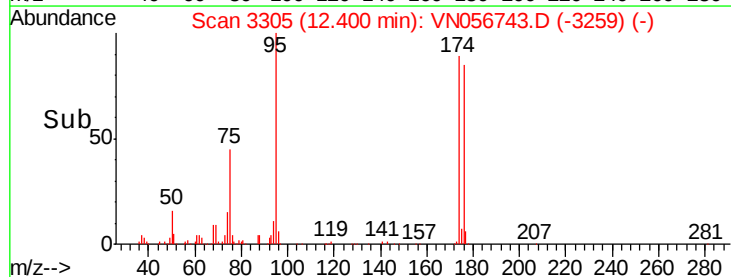
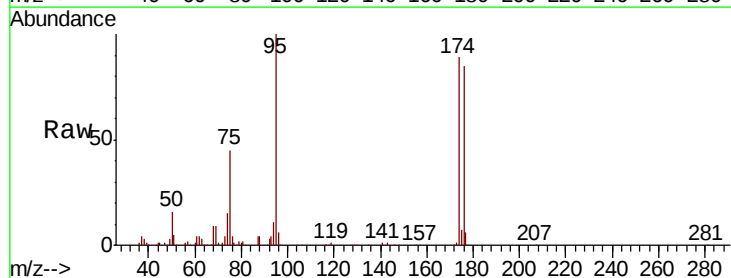
Acq: 16 Jul 2019 4:03

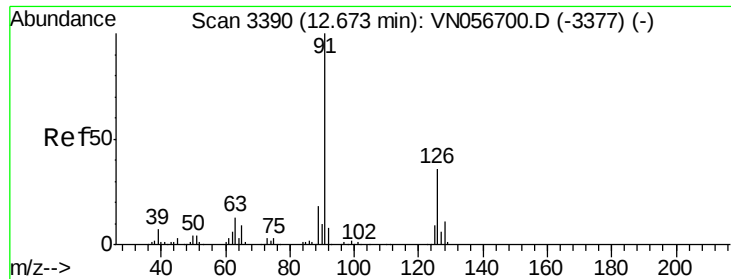
Tgt Ion: 75 Resp: 109273

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

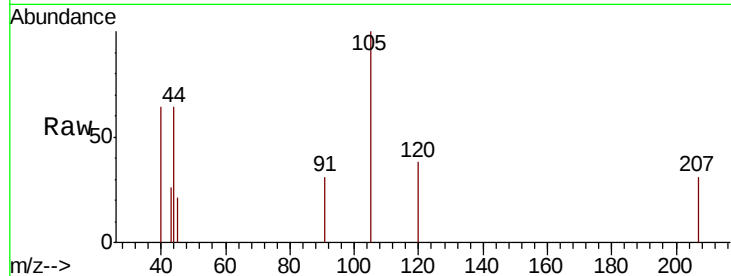
HD-02-071119

Tot Ion: 91 Resp: 155

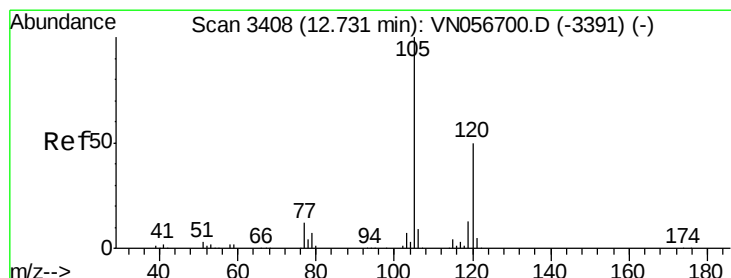
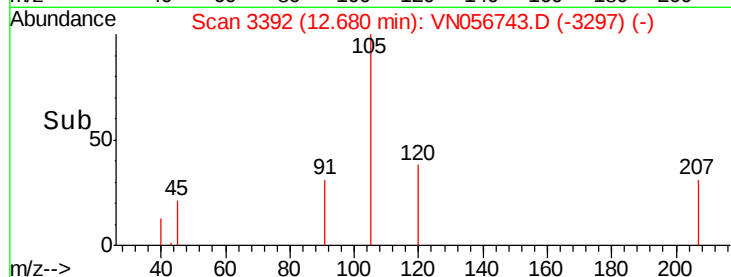
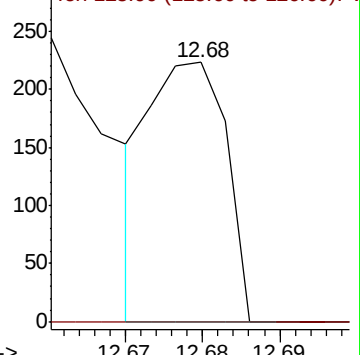
Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



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



#80

1,3,5-Trimethylbenzene

Concen: 0.245 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056743.D

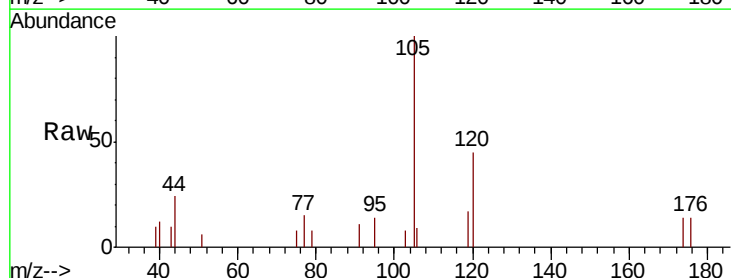
Acq: 16 Jul 2019 4:03

Tgt Ion: 105 Resp: 3844

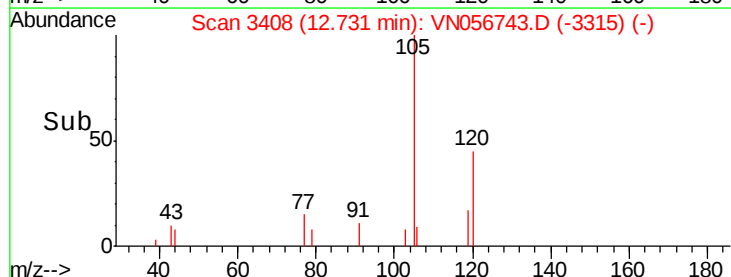
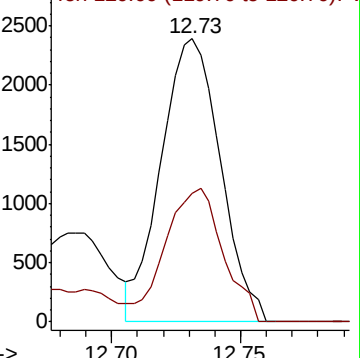
Ion Ratio Lower Upper

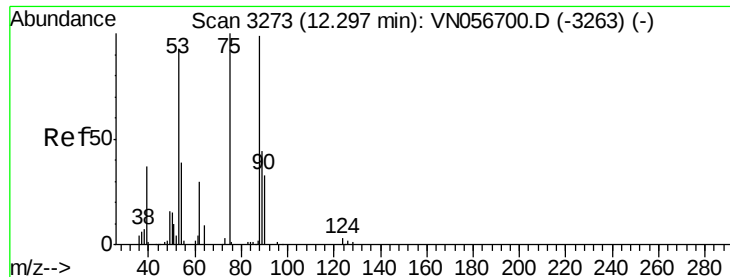
105 100

120 46.1 24.8 74.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 67.218 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

HD-02-071119

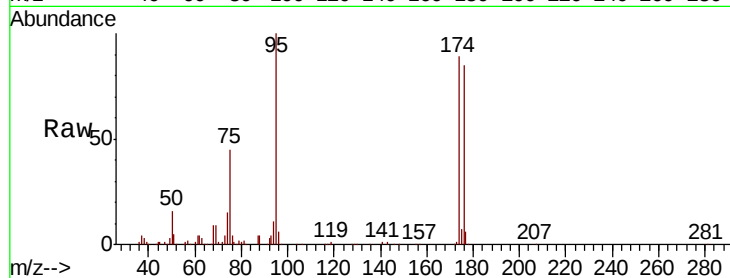
Tot Ion: 75 Resp: 109273

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

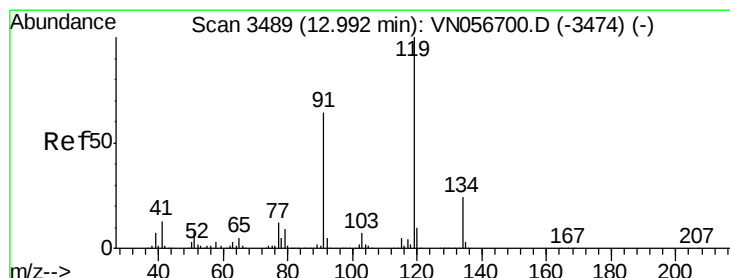
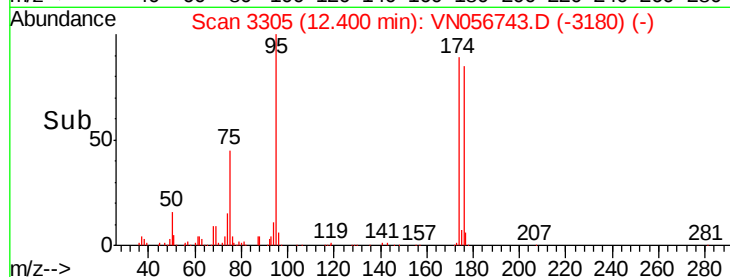
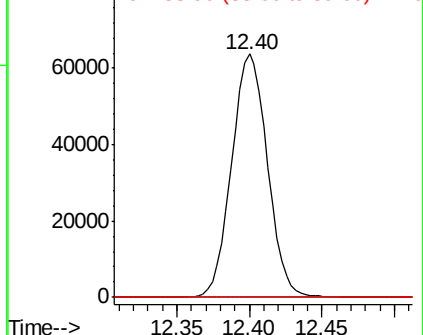
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

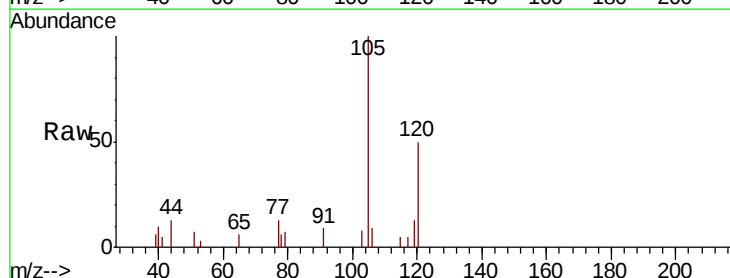
Tgt Ion: 119 Resp: 850

Ion Ratio Lower Upper

119 100

91 67.5 31.8 95.4

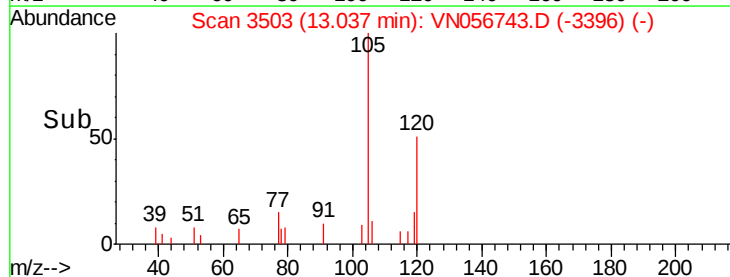
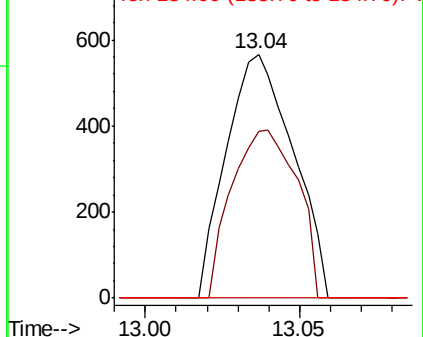
134 0.0 13.0 38.9#

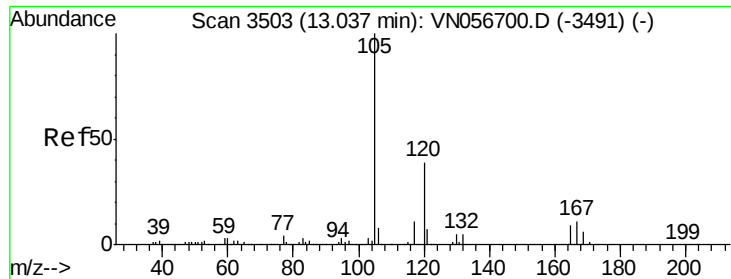


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 0.482 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

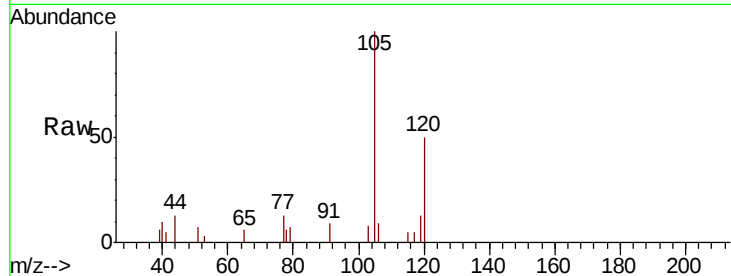
HD-02-071119

Tot Ion:105 Resp: 7392

Ion Ratio Lower Upper

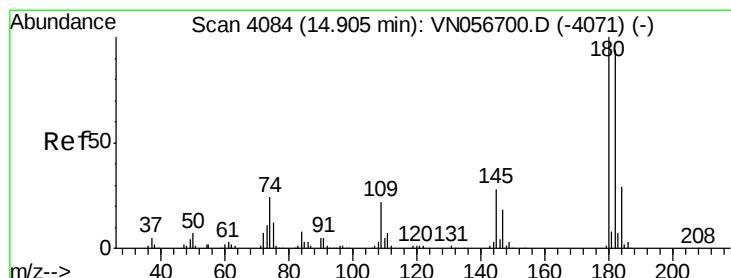
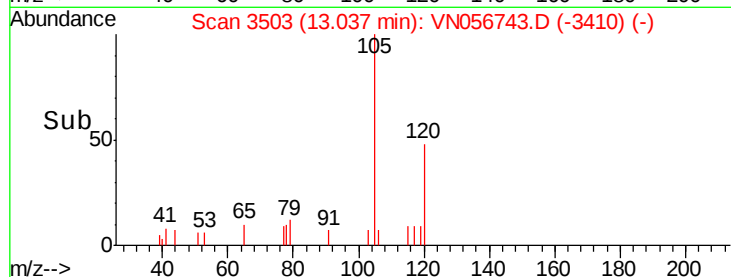
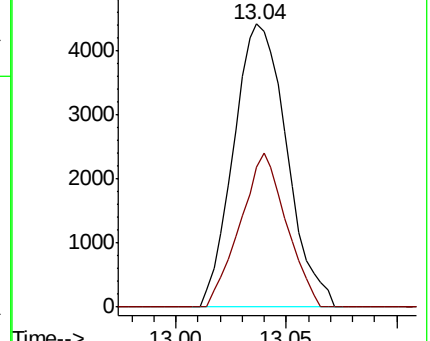
105 100

120 47.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 3.764 ug/l

RT: 14.90 min Scan# 4083

Delta R.T. -0.00 min

Lab File: VN056743.D

Acq: 16 Jul 2019 4:03

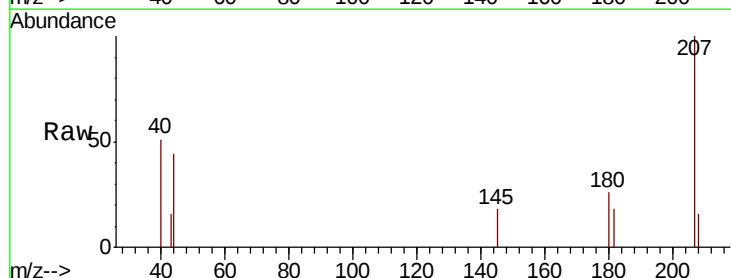
Tgt Ion:180 Resp: 353

Ion Ratio Lower Upper

180 100

182 83.0 47.2 141.6

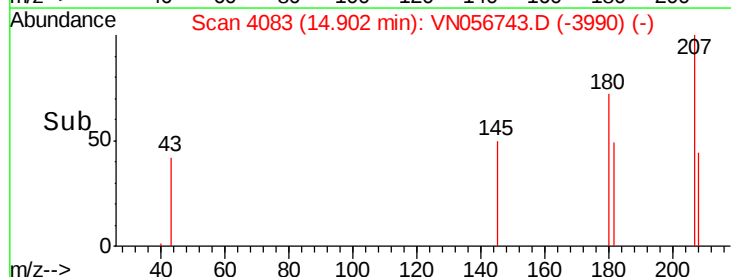
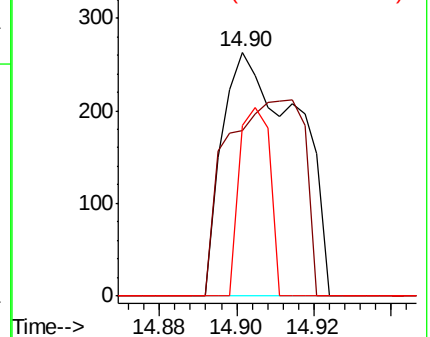
145 31.2 14.2 42.8

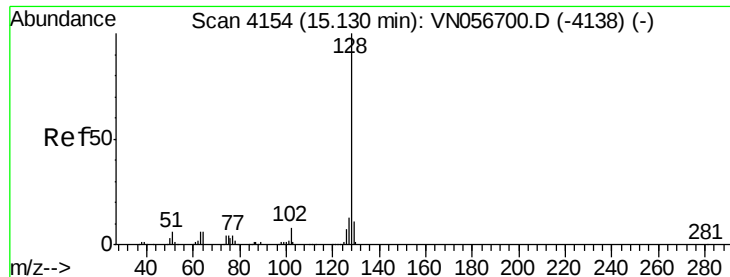


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

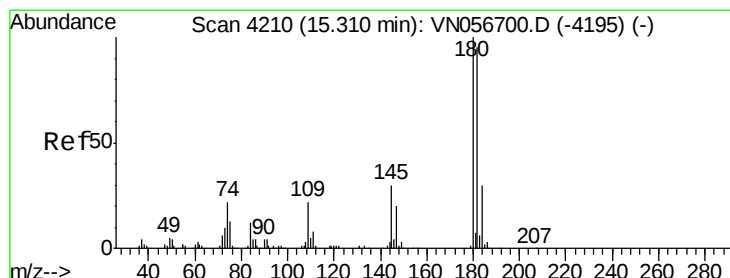
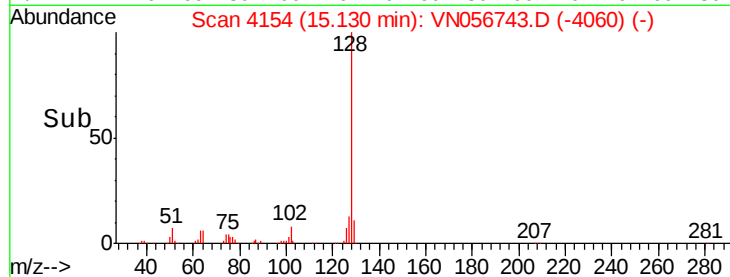
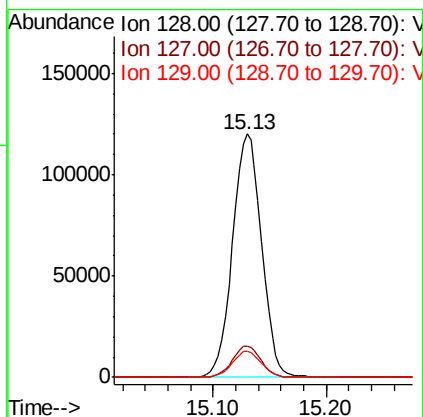
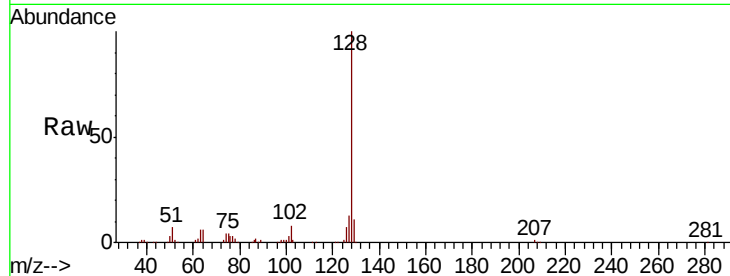




#95
Naphthalene
Concen: 20.378 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Instrument :
MSVOA_N
ClientSampleId :
HD-02-071119

Tot Ion:128 Resp: 214368
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.377 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN056743.D
Acq: 16 Jul 2019 4:03

Tgt Ion:180 Resp: 258
Ion Ratio Lower Upper
180 100
182 22.9 47.1 141.3#
145 0.0 15.0 45.1#

