

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056735.D
 Acq On : 16 Jul 2019 00:57
 Operator : JC/SP
 Sample : PB121354ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#05

Quant Time: Jul 16 04:28:27 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	274405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	491476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221631	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	163929	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	7.59	113	147262	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.09	98	624758	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.40	95	240020	60.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.50%	

Target Compounds

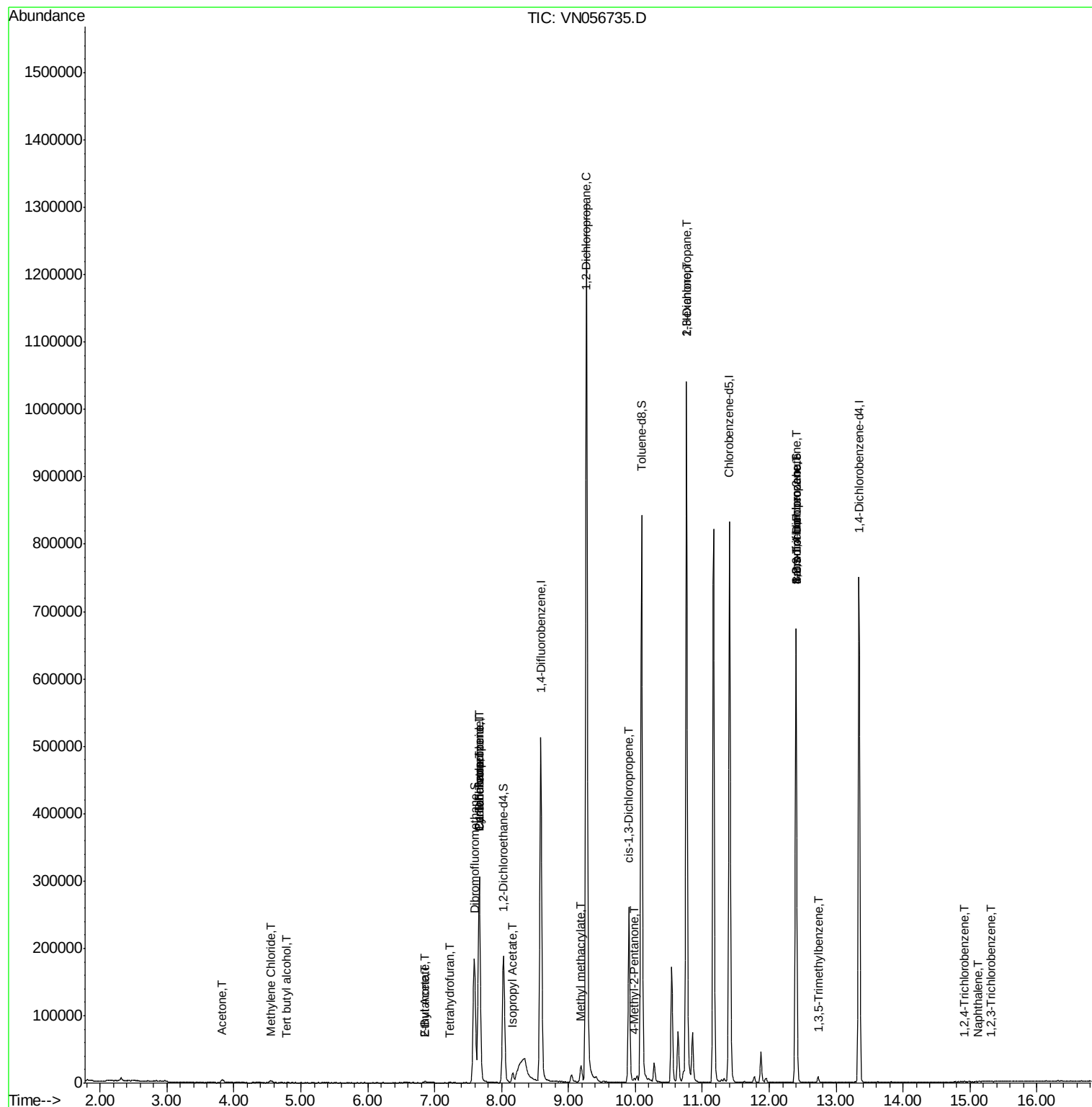
					Qvalue	
11) Tert butyl alcohol	4.79	59	161	0.319	ug/l #	73
16) Acetone	3.83	43	8580	6.134	ug/l	95
18) Methyl Acetate	4.34	43	881	Below Cal	#	52
20) Methylene Chloride	4.55	84	2471	0.808	ug/l #	70
25) 2-Butanone	6.85	43	4714	2.305	ug/l #	86
29) Tetrahydrofuran	7.23	42	454	0.340	ug/l #	35
31) Cyclohexane	7.66	56	4298	0.886	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17472	3.842	ug/l #	49
37) Ethyl Acetate	6.85	43	4714	1.052	ug/l #	68
38) Carbon Tetrachloride	7.67	117	23539	5.519	ug/l #	16
43) Isopropyl Acetate	8.17	43	16930	2.403	ug/l	94
45) 1,2-Dichloropropane	9.26	63	1843	0.498	ug/l #	45
48) Methyl methacrylate	9.18	41	8482	2.489	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	3846	0.843	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	49356	9.349	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	10830	1.910	ug/l #	42
59) 2-Hexanone	10.76	43	149344	45.603	ug/l #	51
71) Bromoform	12.40	173	1817	0.602	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	112033	23.112	ug/l #	100
79) 2-Chlorotoluene	12.67	91	200	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4414	0.291	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	112033	71.377	ug/l #	13
83) tert-Butylbenzene	12.99	119	184	Below Cal	#	27
93) 1,2,4-Trichlorobenzene	14.91	180	509	3.800	ug/l #	61
95) Naphthalene	15.13	128	967	4.600	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	345	3.398	ug/l #	62

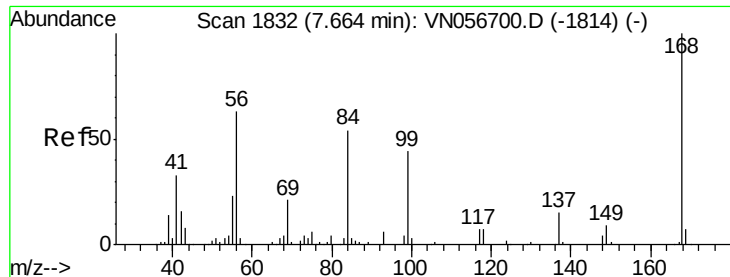
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 16 04:28:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

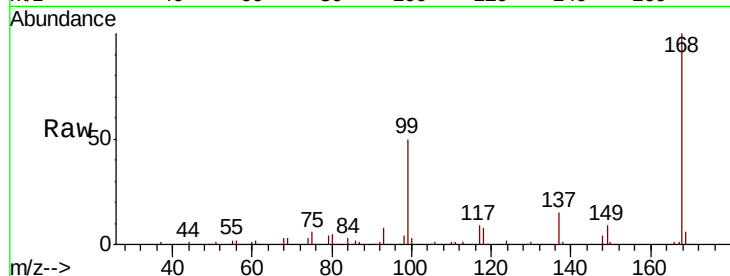
PB121354ZHE#05

Tot Ion:168 Resp: 274405

Ion Ratio Lower Upper

168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056735.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056735.D (-1739) (-)

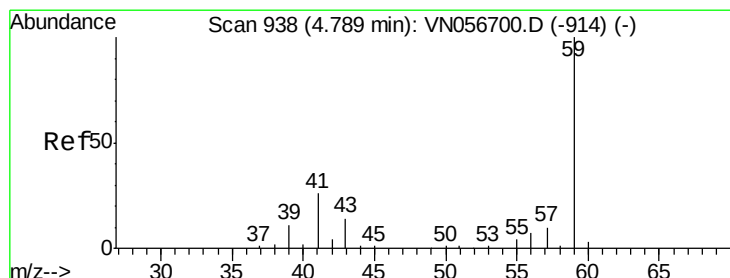
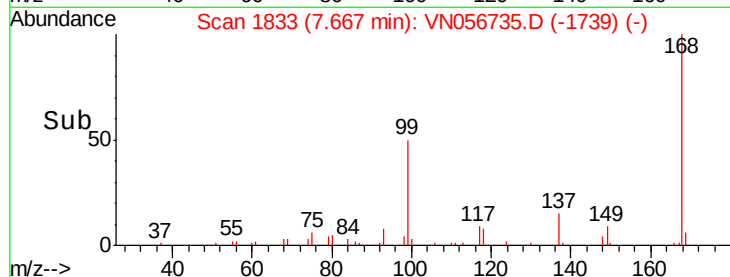
7.67

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.319 ug/l

RT: 4.79 min Scan# 939

Delta R.T. 0.00 min

Lab File: VN056735.D

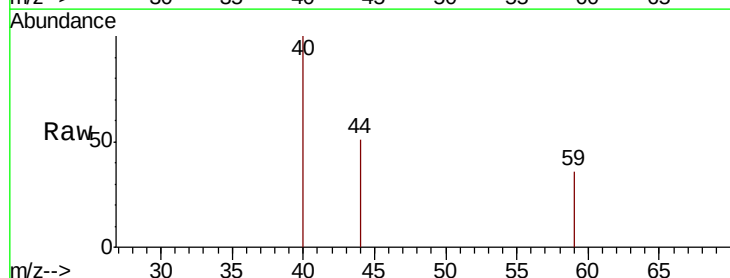
Acq: 16 Jul 2019 00:57

Tgt Ion: 59 Resp: 161

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN056735.D (-845) (-)

Ion 57.00 (56.70 to 57.70): VN056735.D (-845) (-)

4.79

200

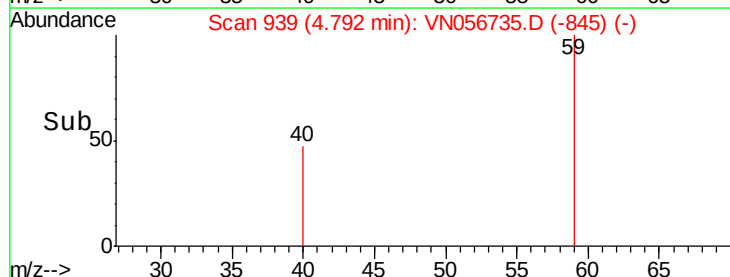
150

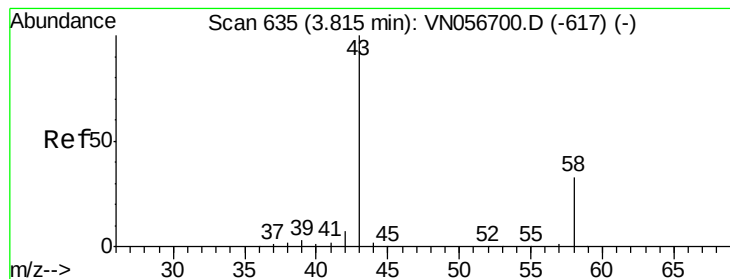
100

50

0

Time-->





#16

Acetone

Concen: 6.134 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

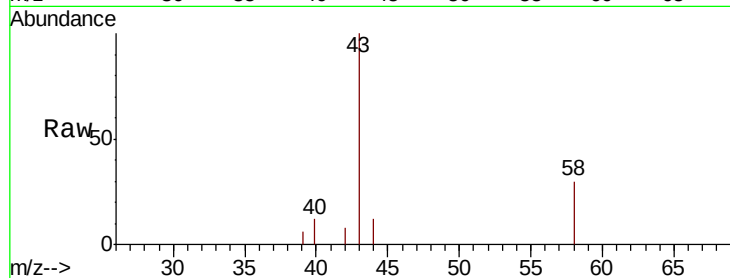
PB121354ZHE#05

Tot Ion: 43 Resp: 8580

Ion Ratio Lower Upper

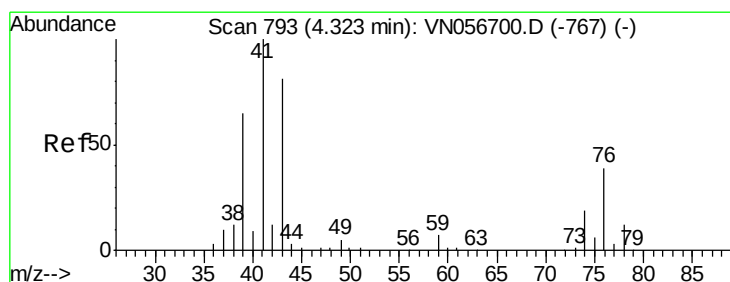
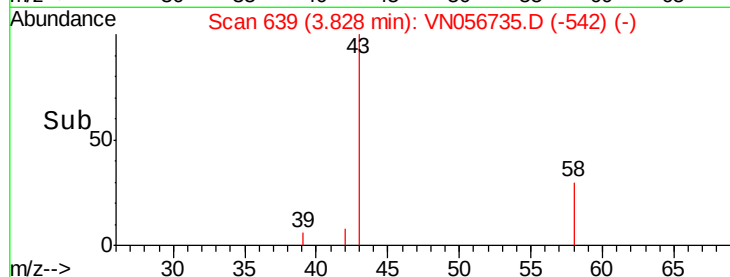
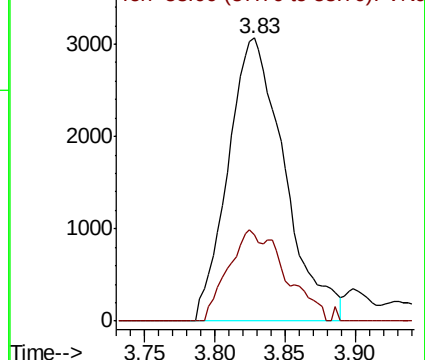
43 100

58 30.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056735.D

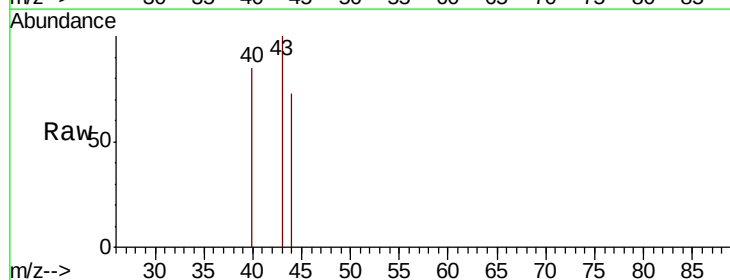
Acq: 16 Jul 2019 00:57

Tgt Ion: 43 Resp: 881

Ion Ratio Lower Upper

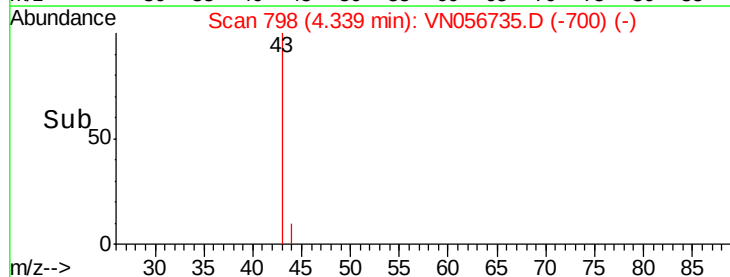
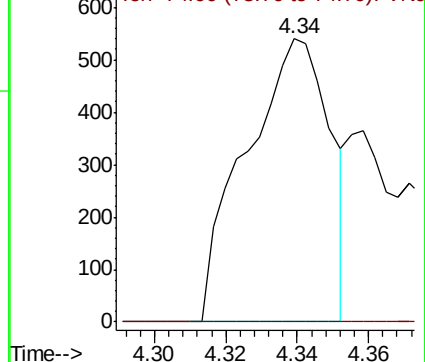
43 100

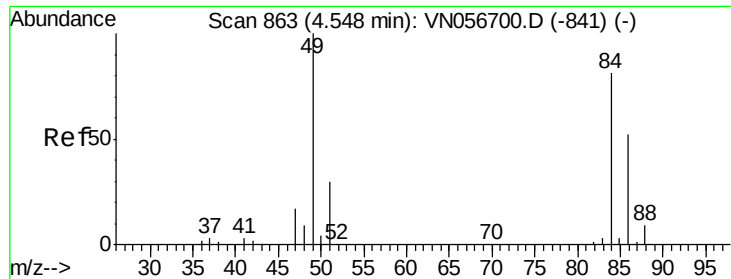
74 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methvlene Chloride

Concen: 0.808 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#05

Tot Ion: 84 Resp: 2471

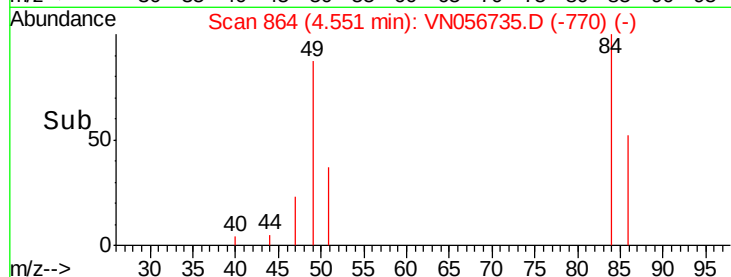
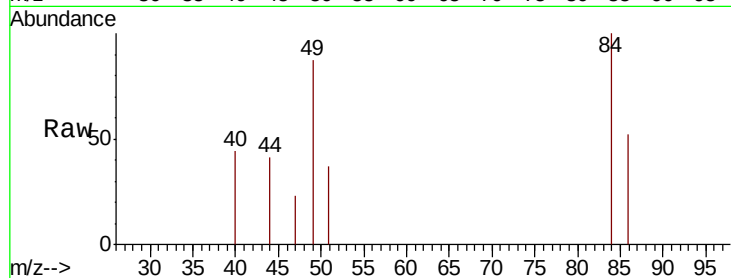
Ion Ratio Lower Upper

84 100

49 71.0 98.2 147.4#

51 36.7 29.6 44.4

86 51.7 51.0 76.4

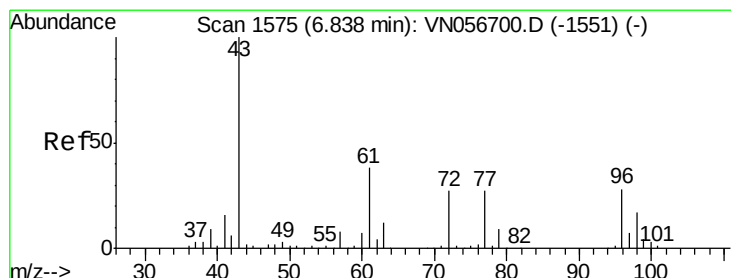
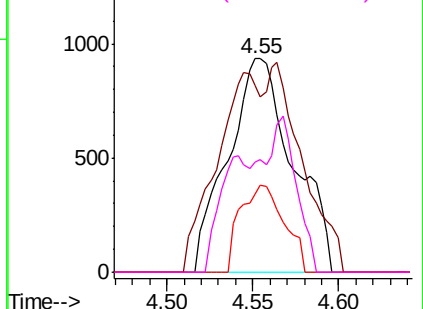


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 2.305 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN056735.D

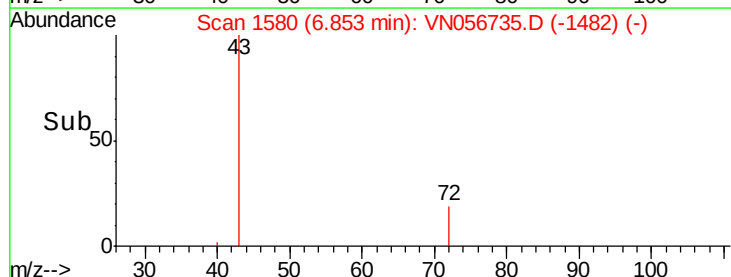
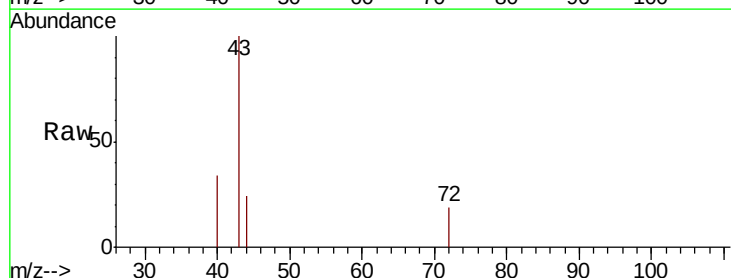
Acq: 16 Jul 2019 00:57

Tgt Ion: 43 Resp: 4714

Ion Ratio Lower Upper

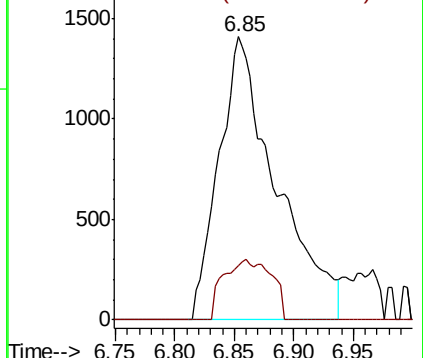
43 100

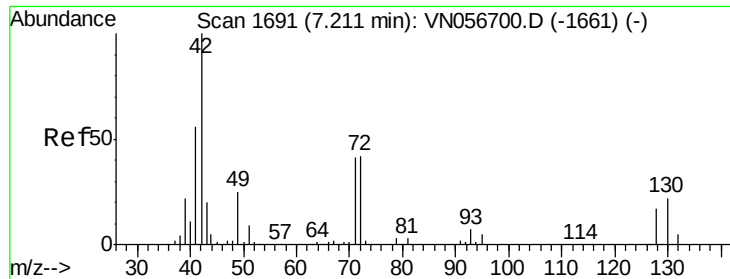
72 19.2 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.340 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#05

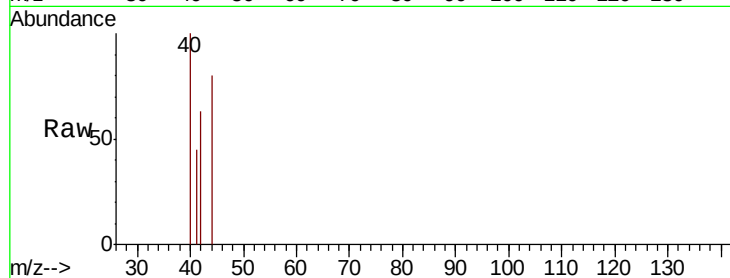
Tot Ion: 42 Resp: 454

Ion Ratio Lower Upper

42 100

72 0.0 33.5 50.3#

71 0.0 31.8 47.8#

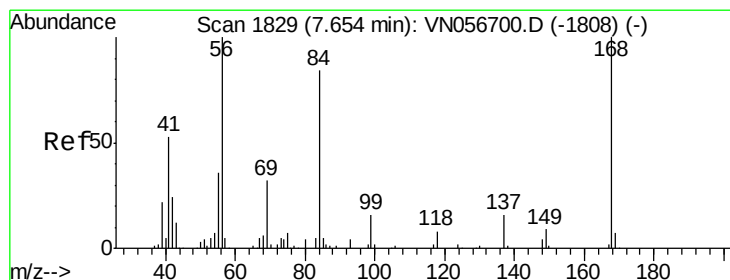
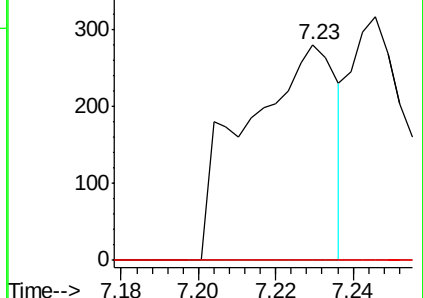
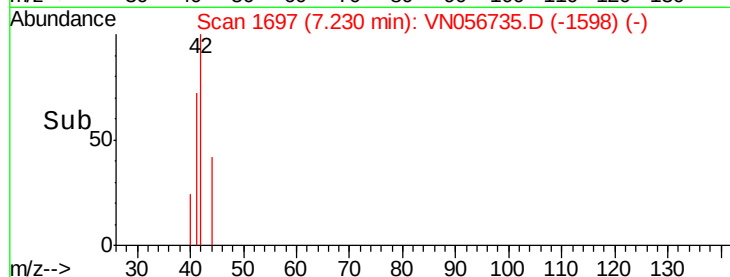


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#31

Cyclohexane

Concen: 0.886 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

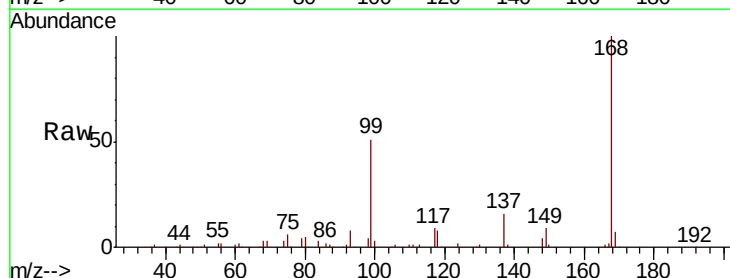
Tgt Ion: 56 Resp: 4298

Ion Ratio Lower Upper

56 100

69 156.2 25.8 38.8#

84 135.4 67.4 101.0#

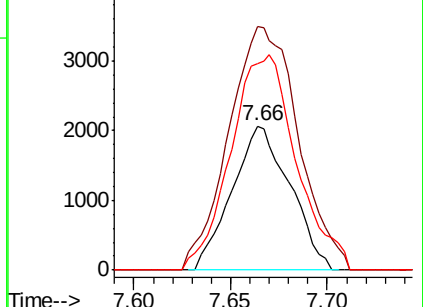
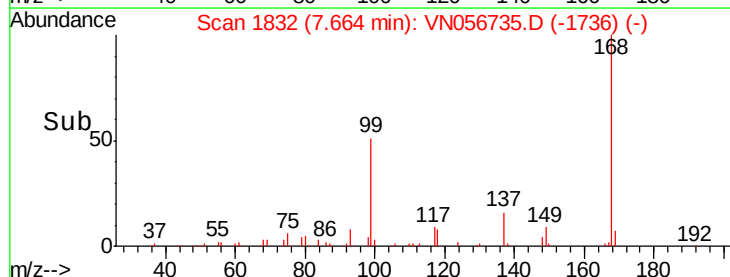


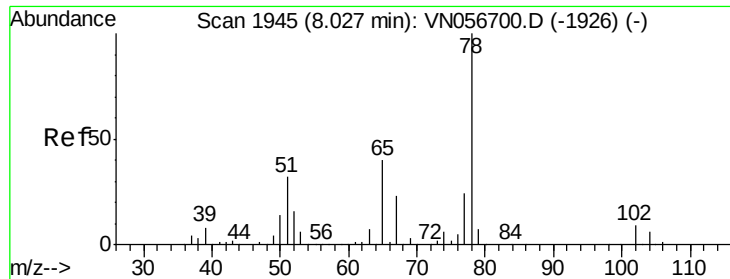
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

Time-->

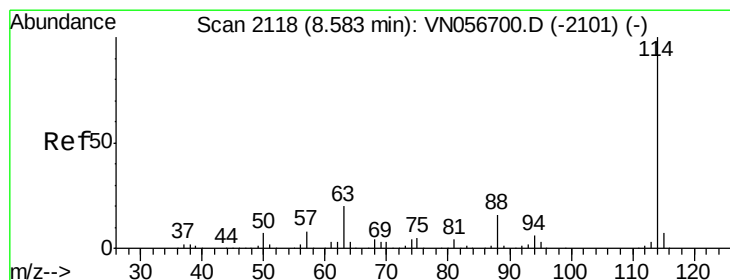
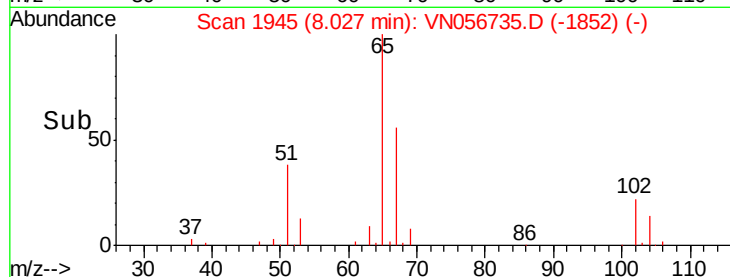
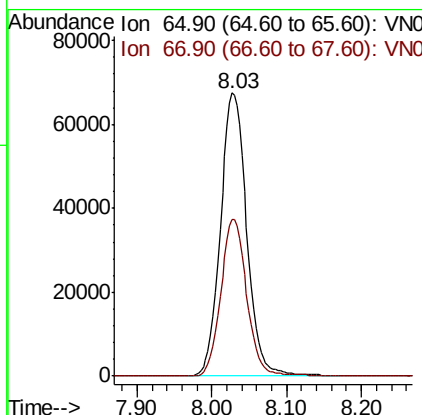
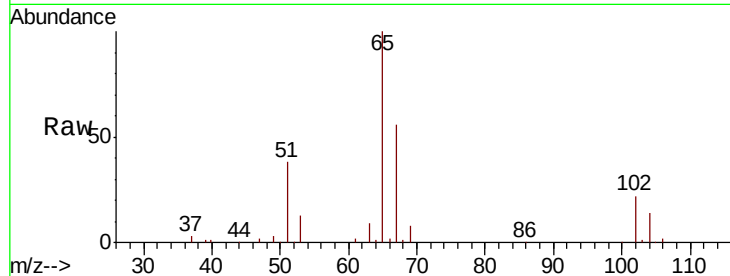




#33
 1,2-Dichloroethane-d4
 Concen: 54.008 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056735.D
 Acq: 16 Jul 2019 00:57

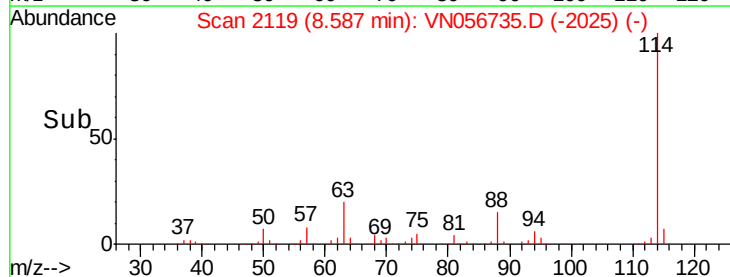
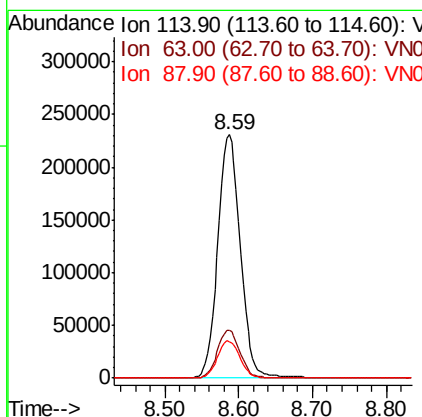
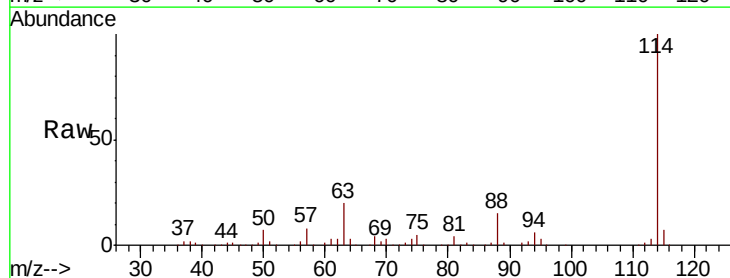
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#05

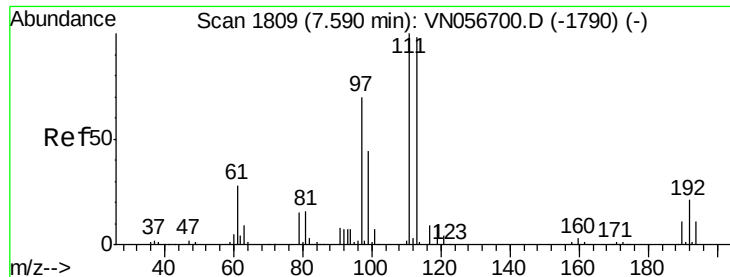
Tot Ion: 65 Resp: 163929
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056735.D
 Acq: 16 Jul 2019 00:57

Tgt Ion: 114 Resp: 491476
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.148 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#05

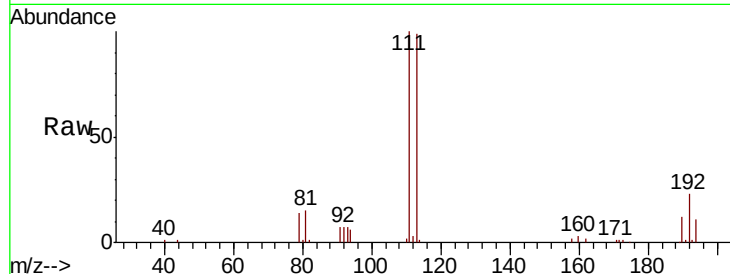
Tot Ion:113 Resp: 147262

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.6

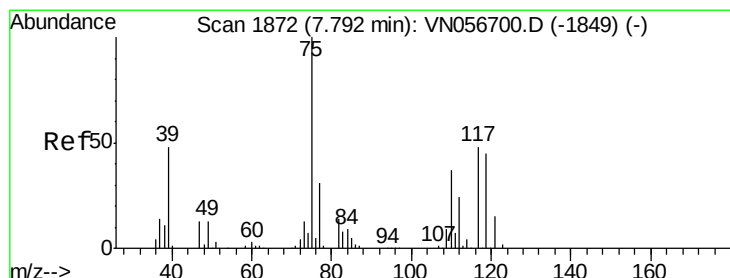
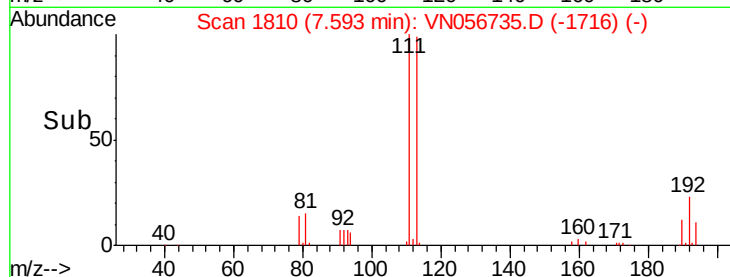
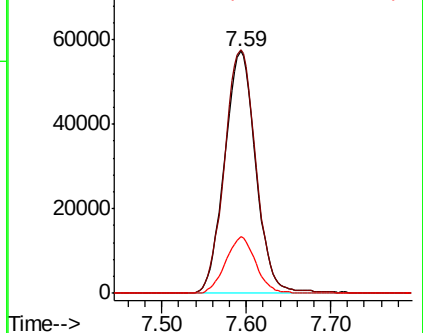
192 22.6 17.5 26.3



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: 3.842 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

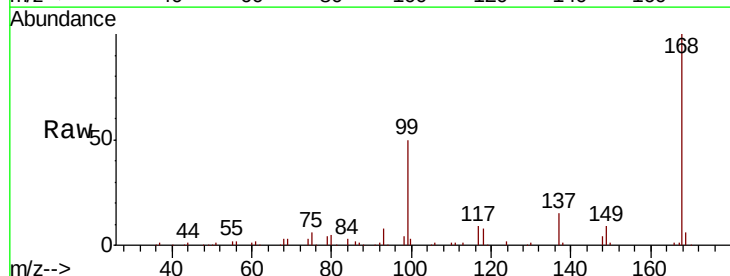
Tgt Ion: 75 Resp: 17472

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.4#

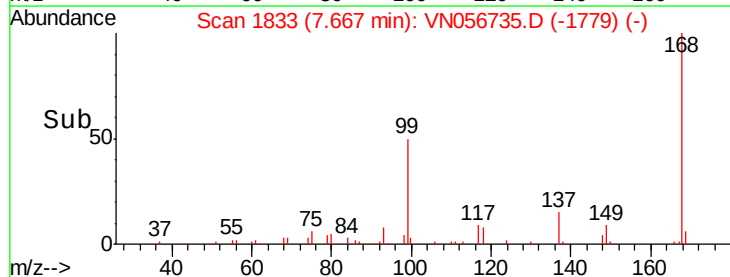
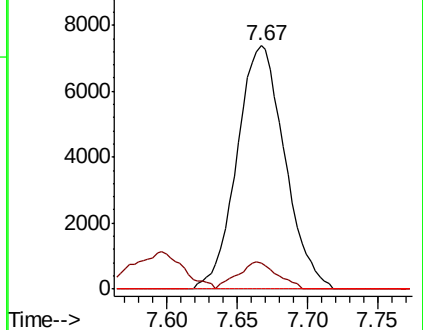
77 0.0 24.6 36.8#

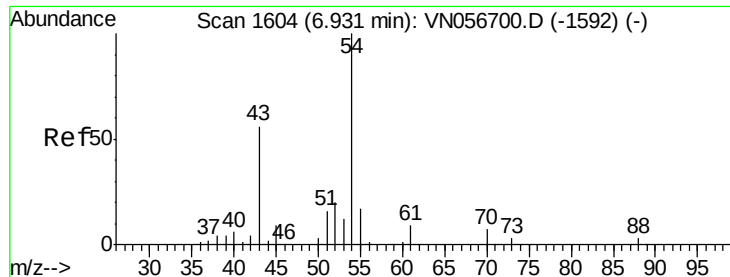


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

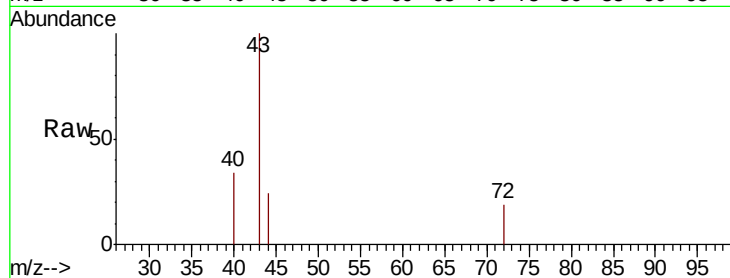




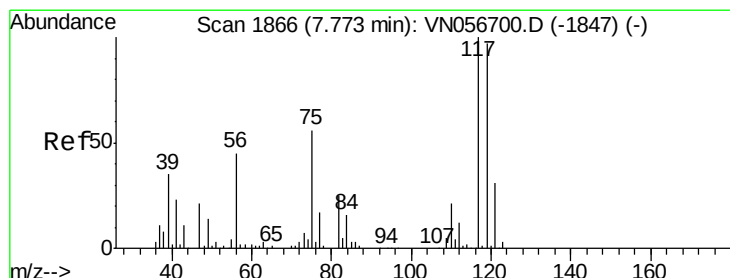
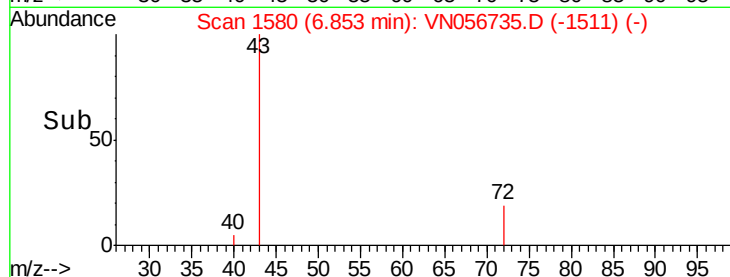
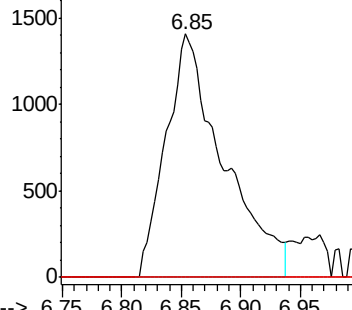
#37
Ethyl Acetate
Concen: 1.052 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. -0.08 min
Lab File: VN056735.D
Acq: 16 Jul 2019 00:57

Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#05

Tot Ion: 43 Resp: 4714
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 8.5 12.7#

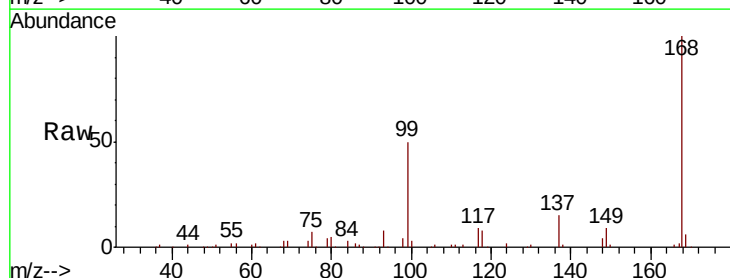


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

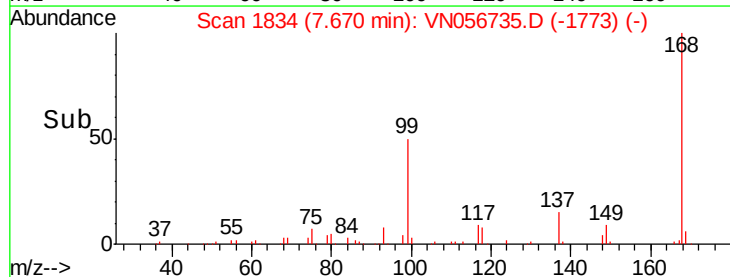
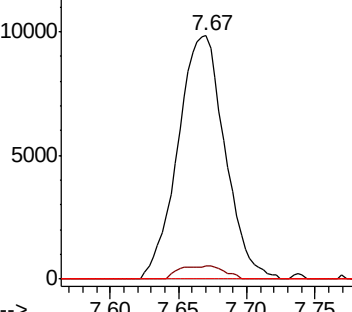


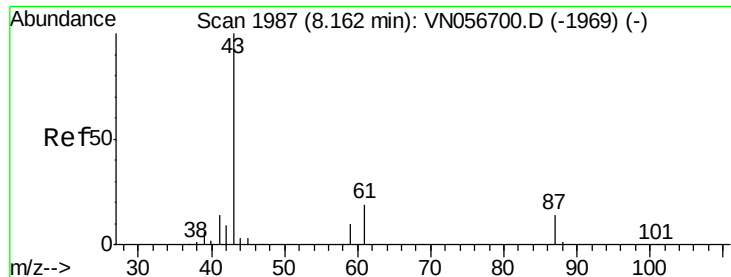
#38
Carbon Tetrachloride
Concen: 5.519 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.10 min
Lab File: VN056735.D
Acq: 16 Jul 2019 00:57

Tgt Ion: 117 Resp: 23539
Ion Ratio Lower Upper
117 100
119 5.3 77.5 116.3#
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.403 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#05

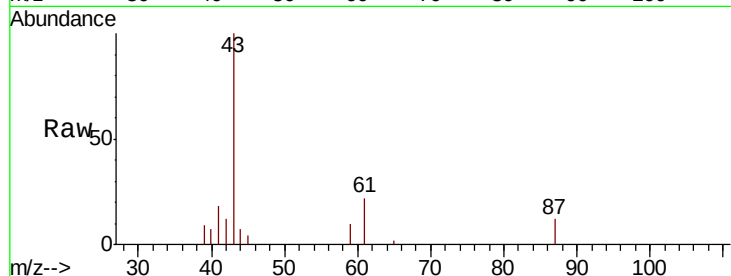
Tot Ion: 43 Resp: 16930

Ion Ratio Lower Upper

43 100

61 23.5 22.3 33.5

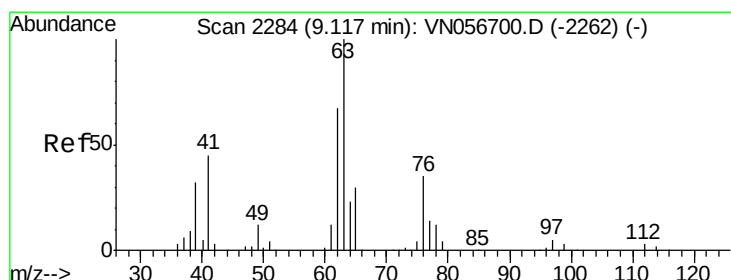
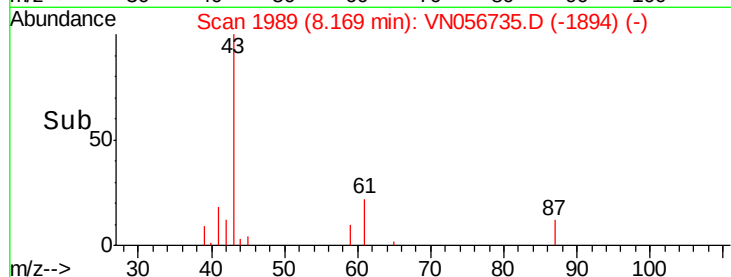
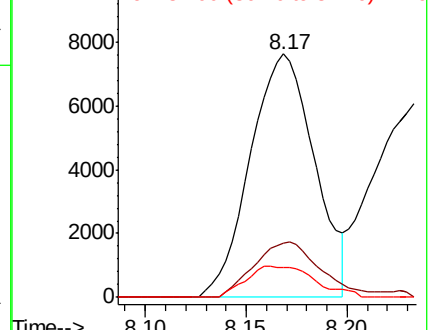
87 13.6 11.1 16.7



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: 0.498 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056735.D

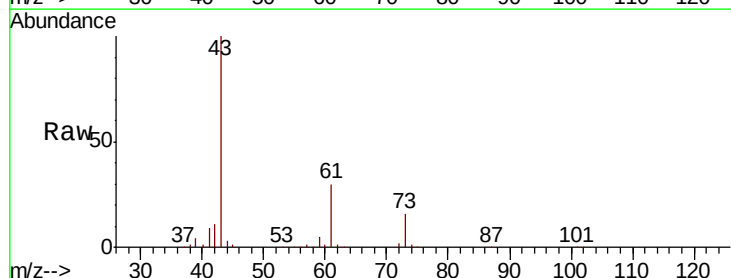
Acq: 16 Jul 2019 00:57

Tgt Ion: 63 Resp: 1843

Ion Ratio Lower Upper

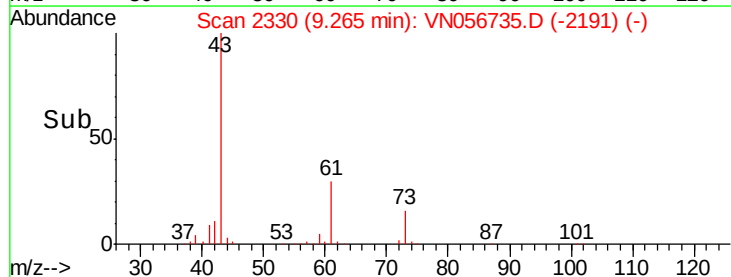
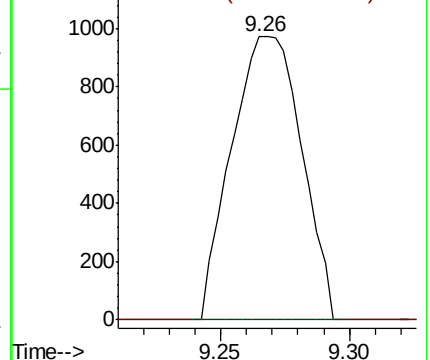
63 100

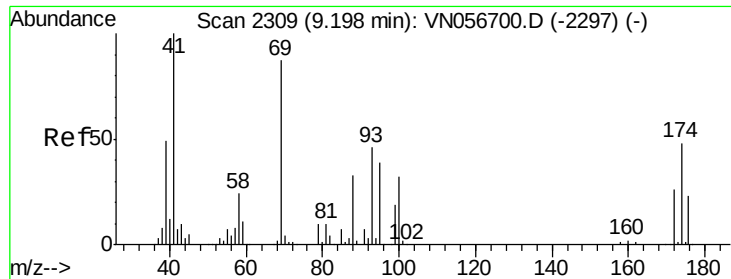
65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

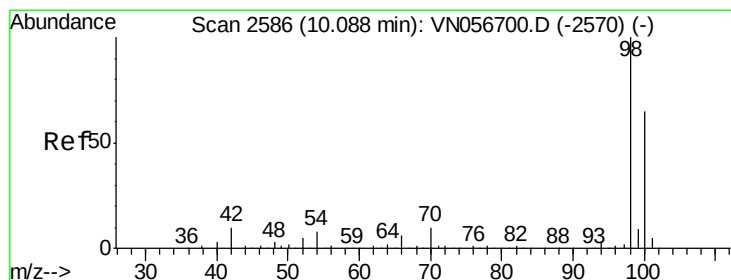
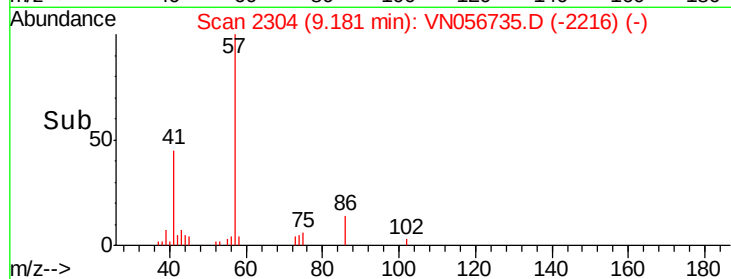
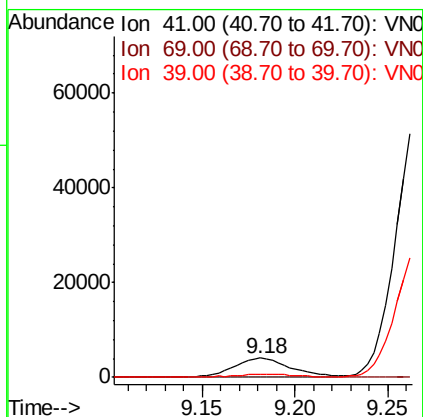
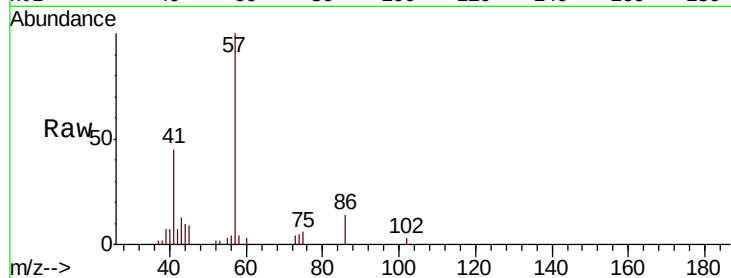




#48
Methyl methacrylate
Concen: 2.489 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056735.D
Acq: 16 Jul 2019 00:57

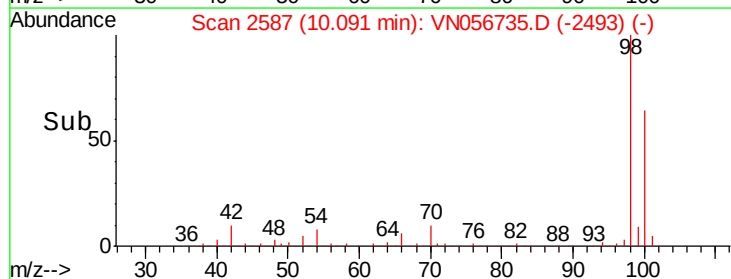
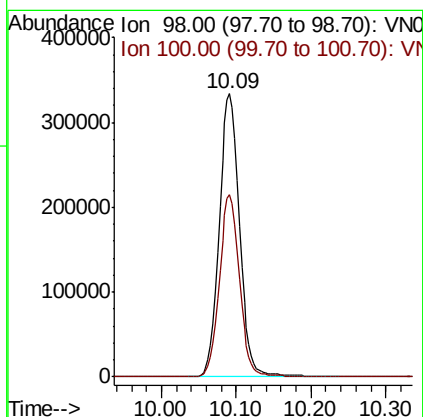
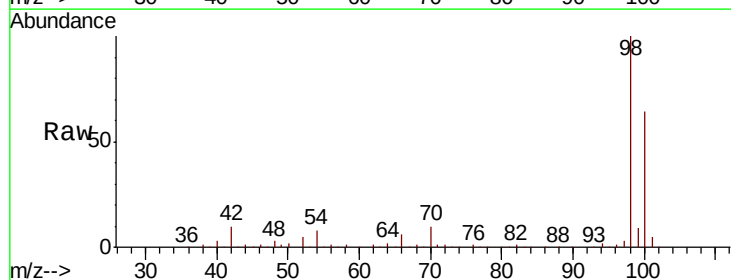
Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#05

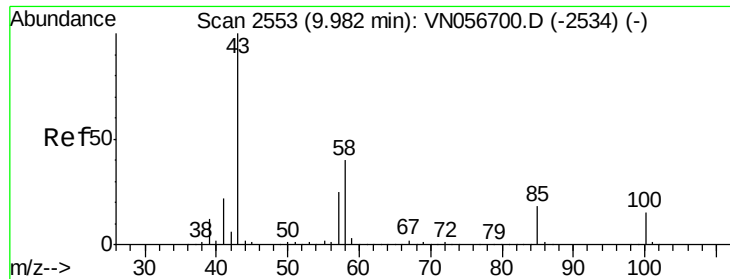
Tot Ion: 41 Resp: 8482
Ion Ratio Lower Upper
41 100
69 0.0 71.4 107.0#
39 0.0 41.2 61.8#



#50
Toluene-d8
Concen: 52.888 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056735.D
Acq: 16 Jul 2019 00:57

Tgt Ion: 98 Resp: 624758
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

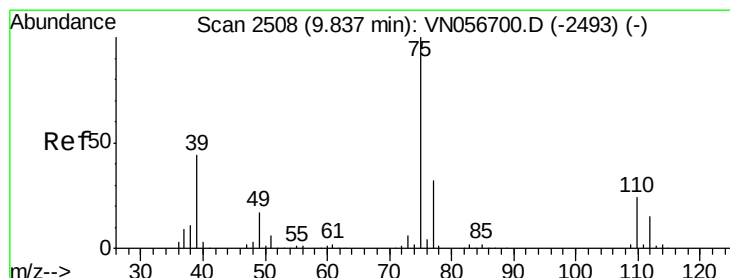
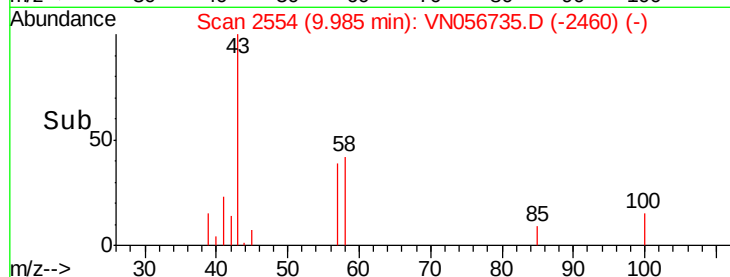
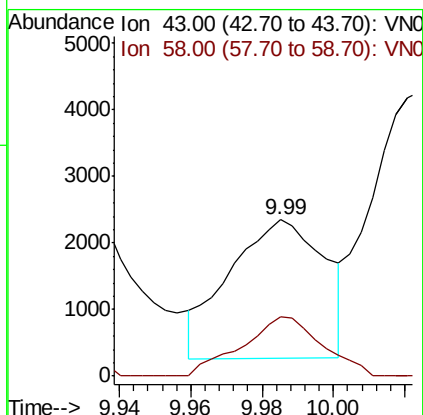
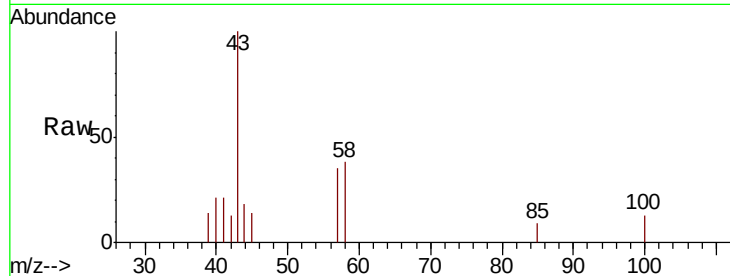




#51
 4-Methyl-2-Pentanone
 Concen: 0.843 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN056735.D
 Acq: 16 Jul 2019 00:57

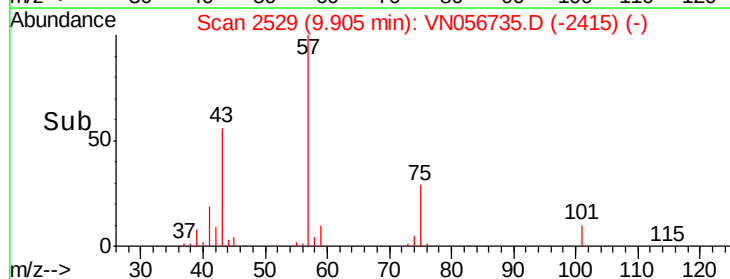
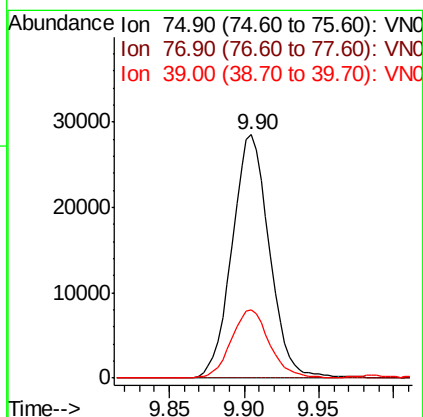
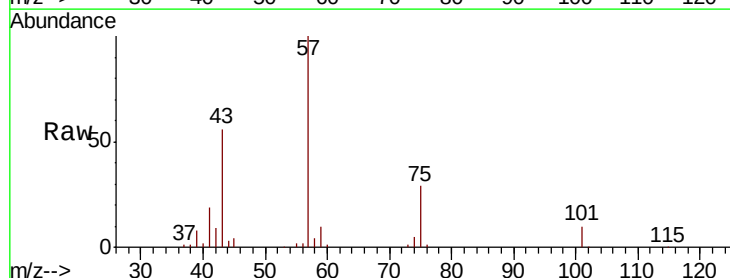
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#05

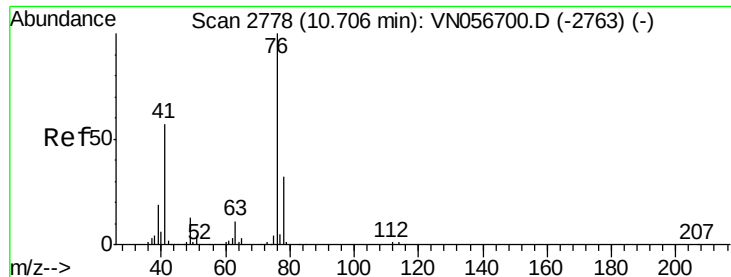
Tot Ion: 43 Resp: 3846
 Ion Ratio Lower Upper
 43 100
 58 35.9 32.0 48.0



#54
 cis-1,3-Dichloropropene
 Concen: 9.349 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056735.D
 Acq: 16 Jul 2019 00:57

Tgt Ion: 75 Resp: 49356
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.0 39.0#
 39 27.8 35.1 52.7#





#57

1,3-Dichloropropane

Concen: 1.910 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

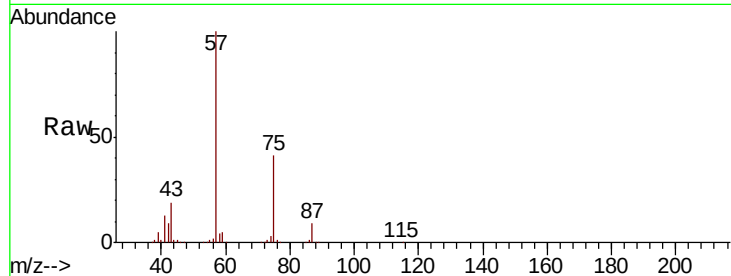
PB121354ZHE#05

Tot Ion: 76 Resp: 10830

Ion Ratio Lower Upper

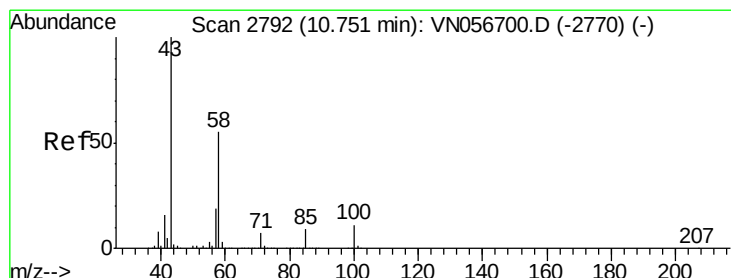
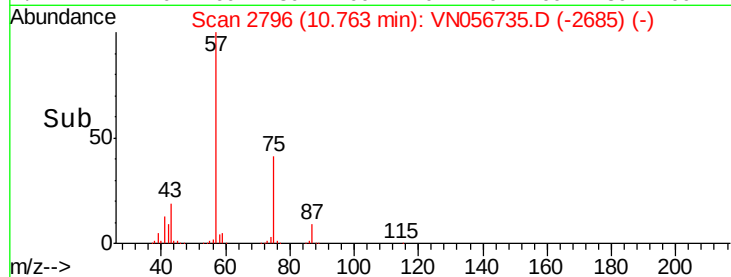
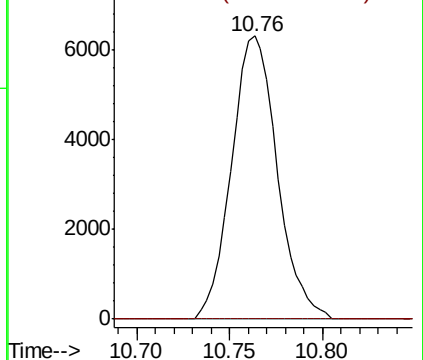
76 100

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: 45.603 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056735.D

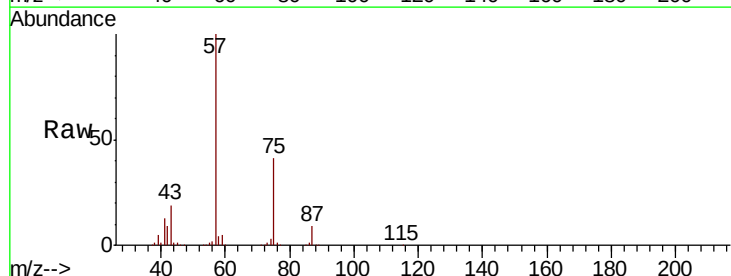
Acq: 16 Jul 2019 00:57

Tgt Ion: 43 Resp: 149344

Ion Ratio Lower Upper

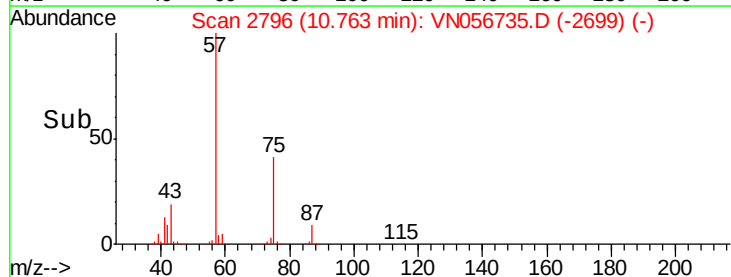
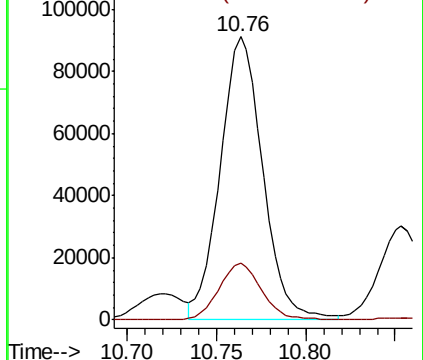
43 100

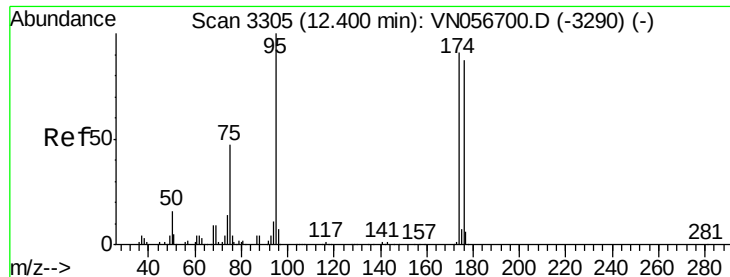
58 20.4 27.9 83.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 60.251 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#05

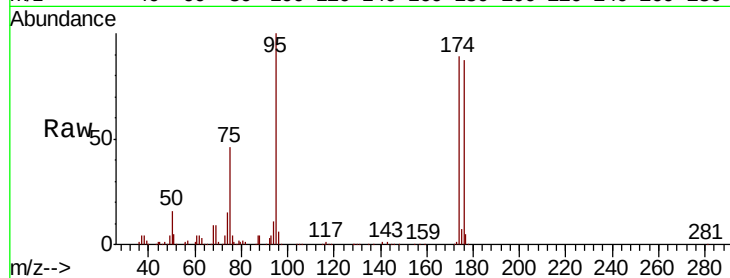
Tot Ion: 95 Resp: 240020

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

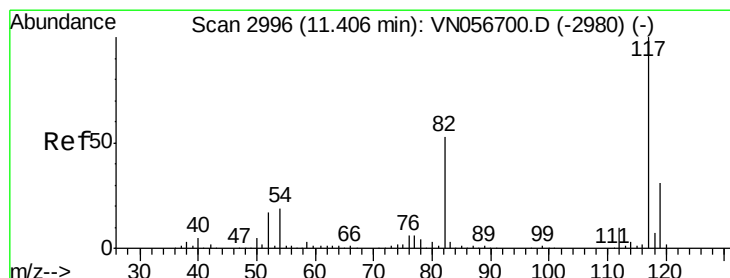
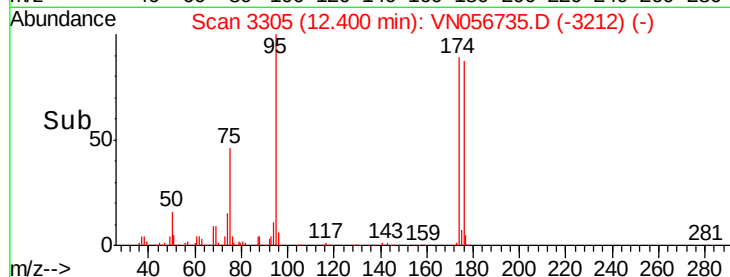
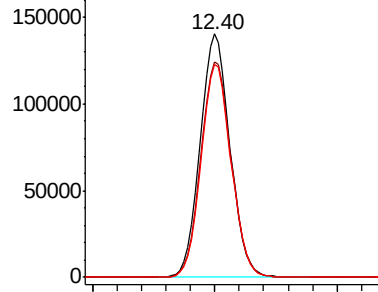
176 87.6 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056735.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056735.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056735.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

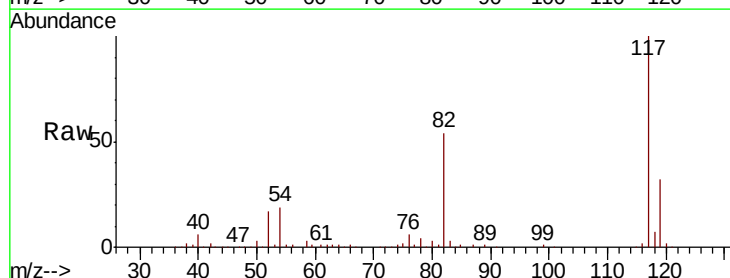
Tgt Ion: 117 Resp: 526860

Ion Ratio Lower Upper

117 100

82 53.7 42.2 63.2

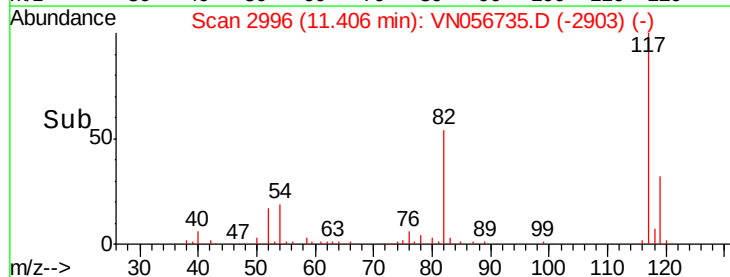
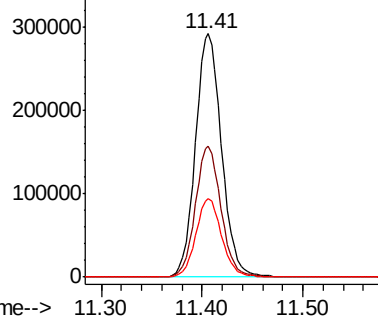
119 32.3 25.2 37.8

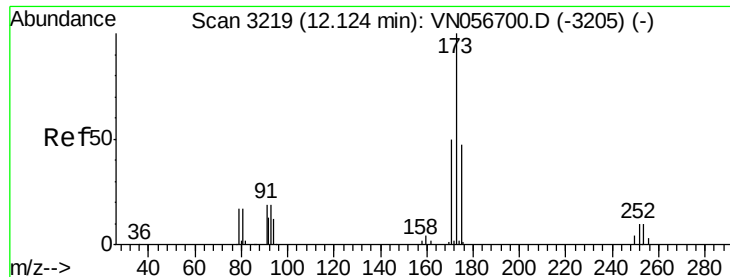


Abundance Ion 116.90 (116.60 to 117.60): VN056735.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056735.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056735.D (-2903) (-)





#71

Bromoform

Concen: 0.602 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#05

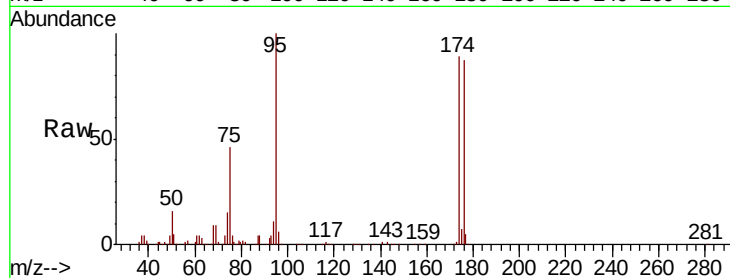
Tot Ion:173 Resp: 1817

Ion Ratio Lower Upper

173 100

175 721.7 23.8 71.4#

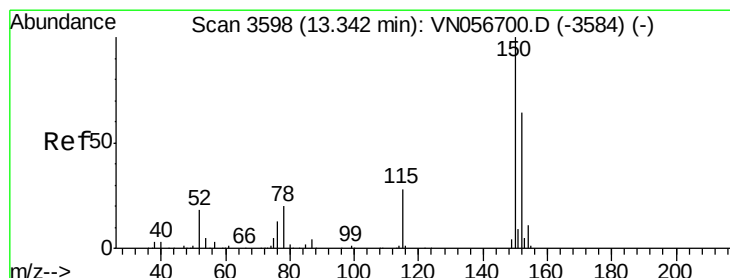
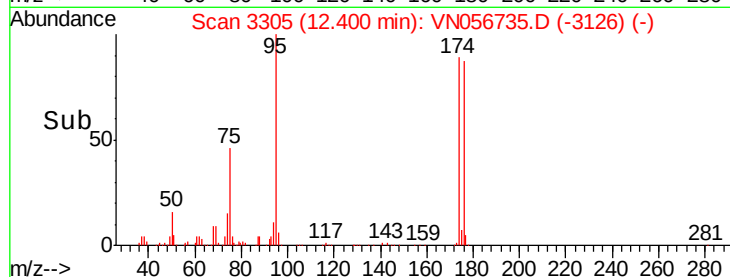
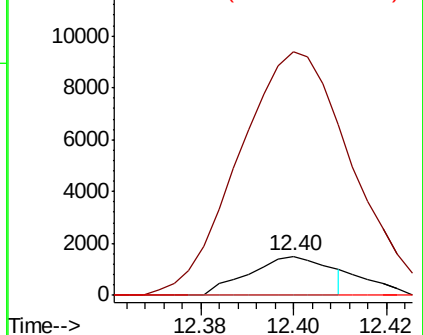
254 0.0 0.0 0.0



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: VN056735.D

Acq: 16 Jul 2019 00:57

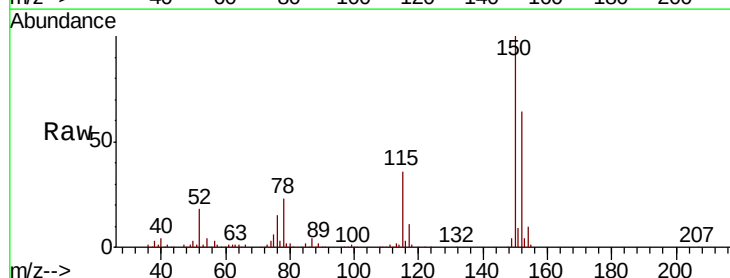
Tgt Ion:152 Resp: 221631

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

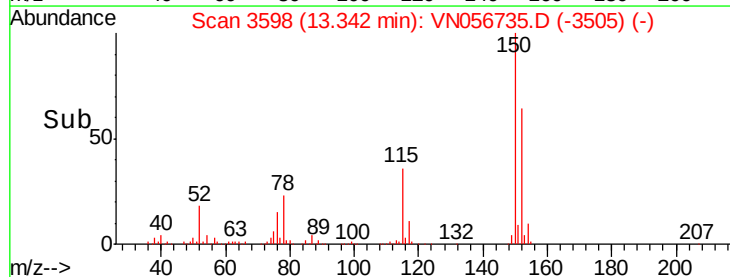
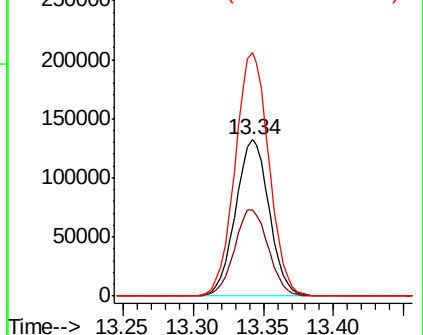
150 156.3 0.0 345.8

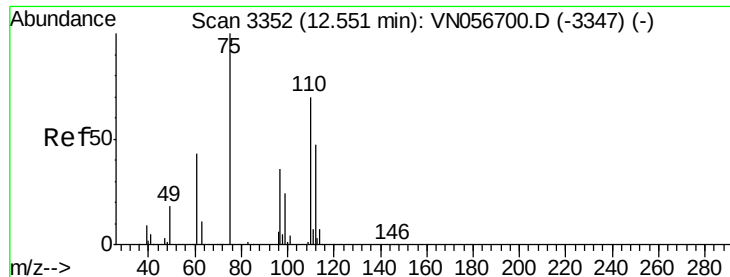


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.112 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

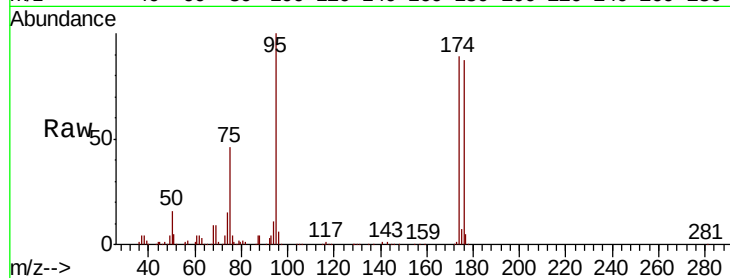
PB121354ZHE#05

Tot Ion: 75 Resp: 112033

Ion Ratio Lower Upper

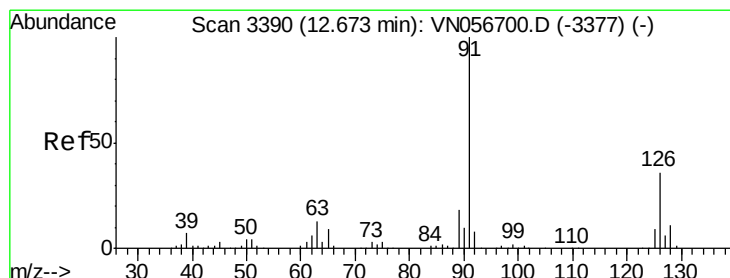
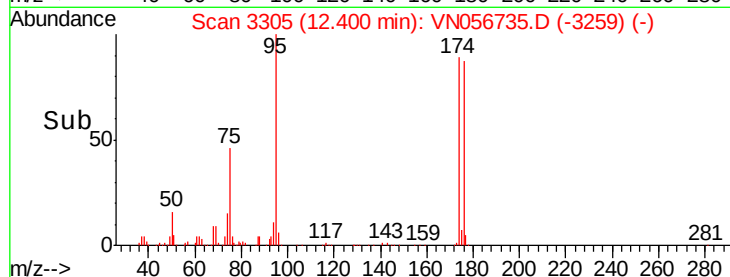
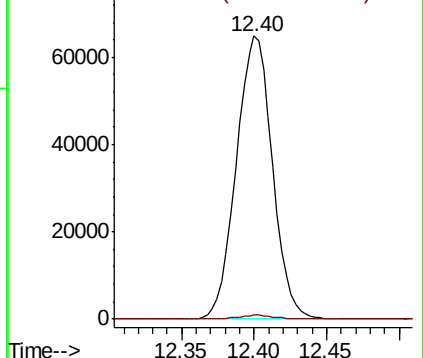
75 100

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: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056735.D

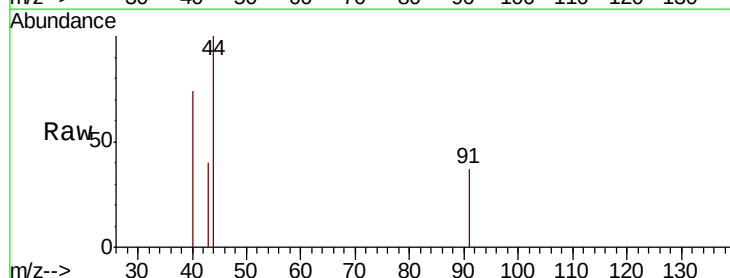
Acq: 16 Jul 2019 00:57

Tgt Ion: 91 Resp: 200

Ion Ratio Lower Upper

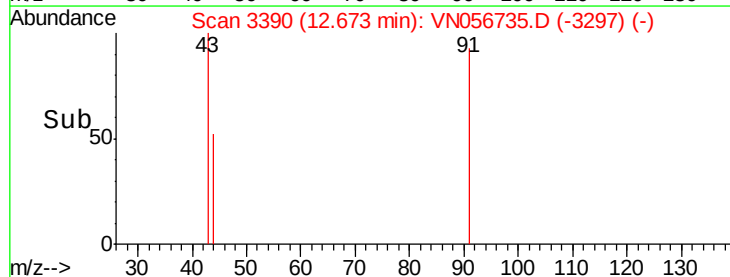
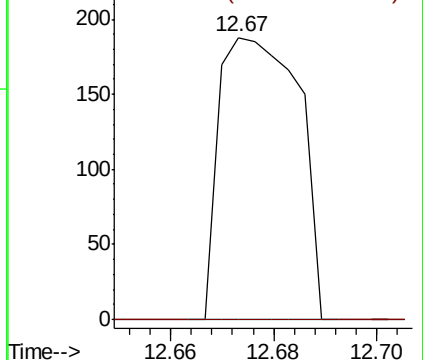
91 100

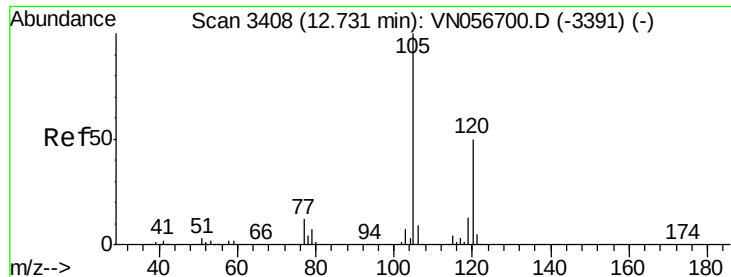
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.291 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

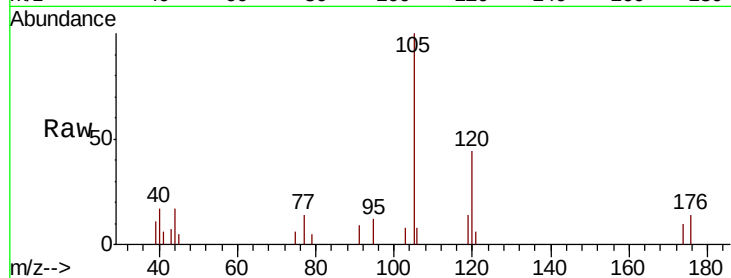
PB121354ZHE#05

Tot Ion:105 Resp: 4414

Ion Ratio Lower Upper

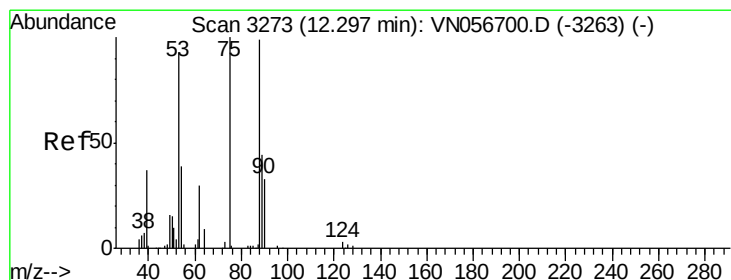
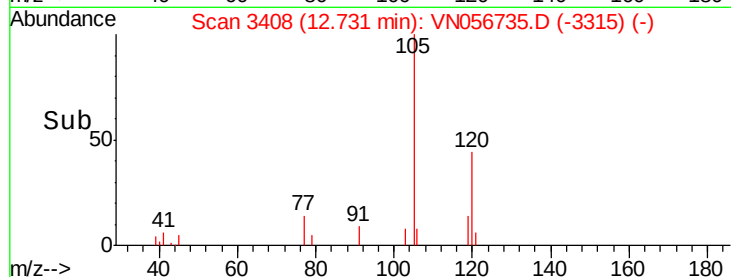
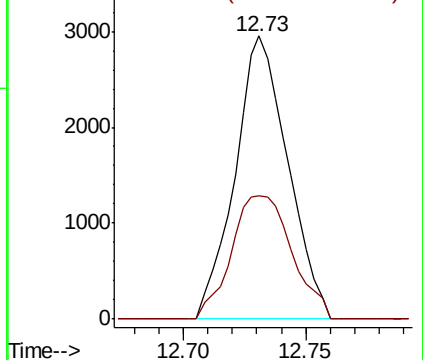
105 100

120 50.2 24.8 74.3



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: 71.377 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

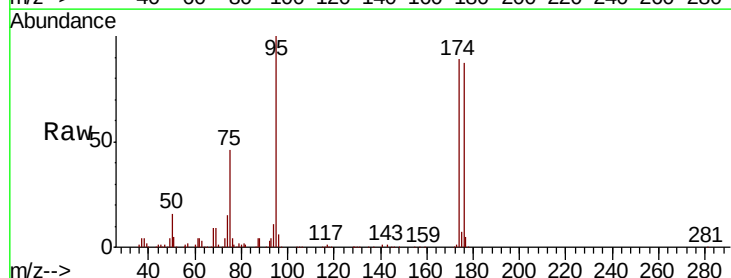
Tgt Ion: 75 Resp: 112033

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

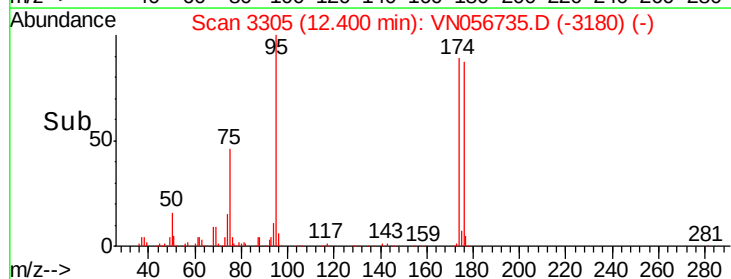
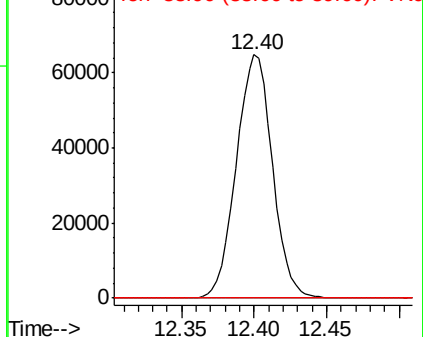
89 0.0 36.2 54.2#

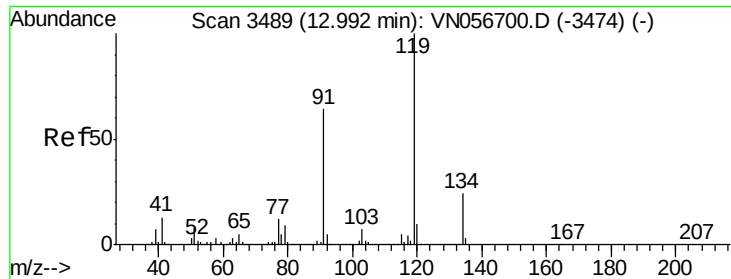


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

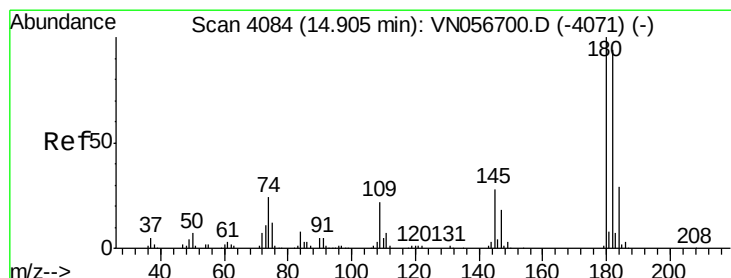
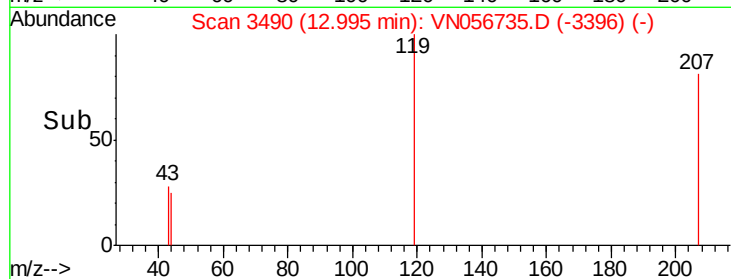
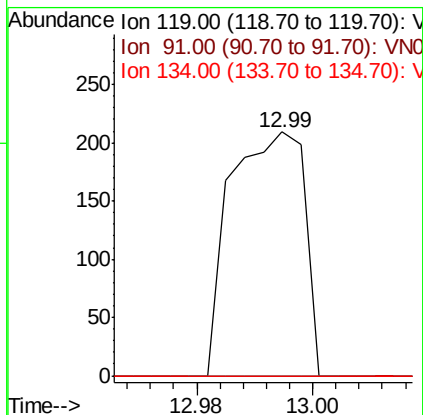
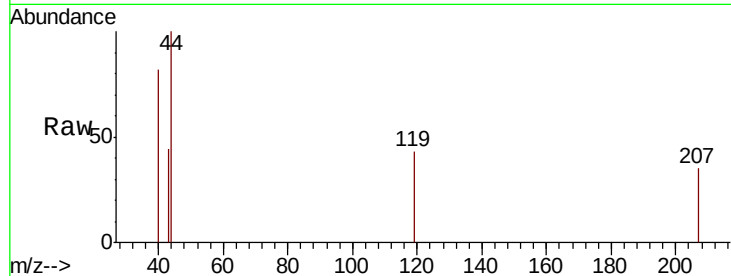




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056735.D
 Acq: 16 Jul 2019 00:57

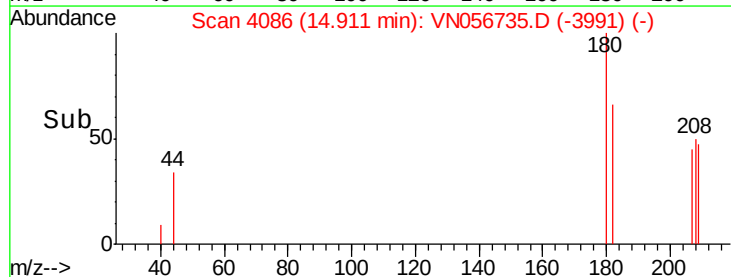
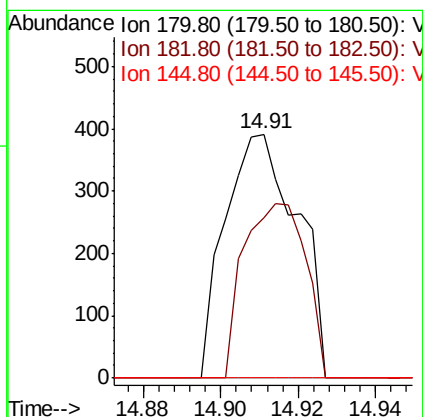
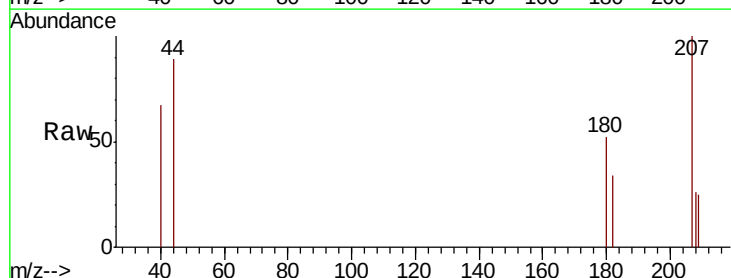
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#05

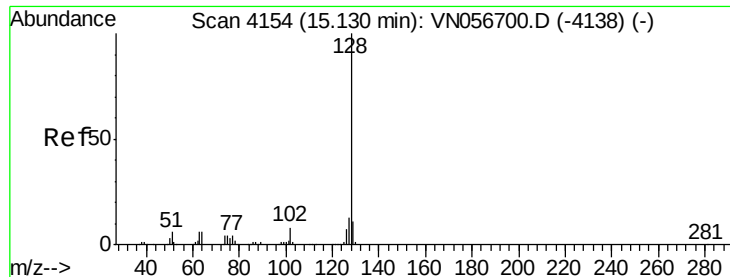
Tot Ion:119 Resp: 184
 Ion Ratio Lower Upper
 119 100
 91 0.0 31.8 95.4#
 134 0.0 13.0 38.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.800 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN056735.D
 Acq: 16 Jul 2019 00:57

Tgt Ion:180 Resp: 509
 Ion Ratio Lower Upper
 180 100
 182 61.3 47.2 141.6
 145 0.0 14.2 42.8#





#95

Naphthalene

Concen: 4.600 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#05

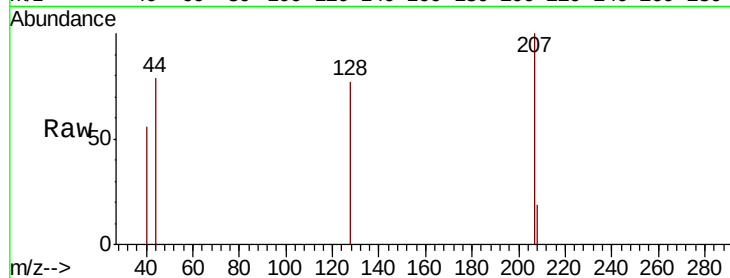
Tot Ion:128 Resp: 967

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

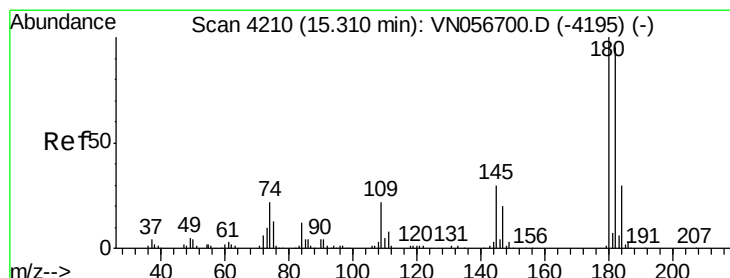
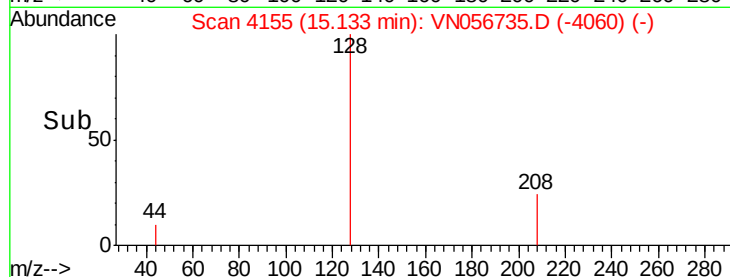
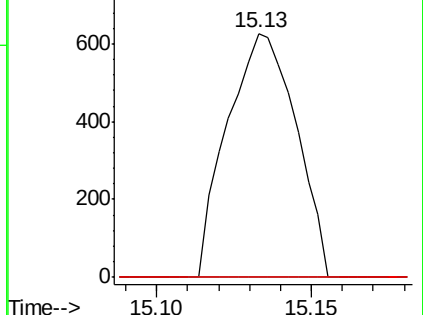
129 0.0 8.7 13.1#



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: 3.398 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056735.D

Acq: 16 Jul 2019 00:57

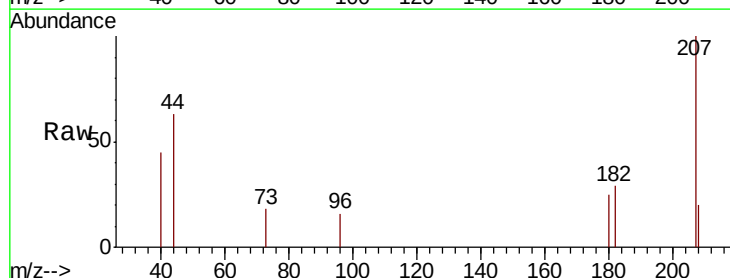
Tgt Ion:180 Resp: 345

Ion Ratio Lower Upper

180 100

182 125.2 47.1 141.3

145 0.0 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

