

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\
 Data File : VN056766.D
 Acq On : 16 Jul 2019 14:13
 Operator : JC/SP
 Sample : PB121398ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#06

Quant Time: Jul 17 01:08:48 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	267541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	474188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183074	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	155703	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	
35) Dibromofluoromethane	7.59	113	140160	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	10.09	98	604392	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.40	95	217694	56.64	ug/l	0.00
Spiked Amount			Recovery	=	113.28%	

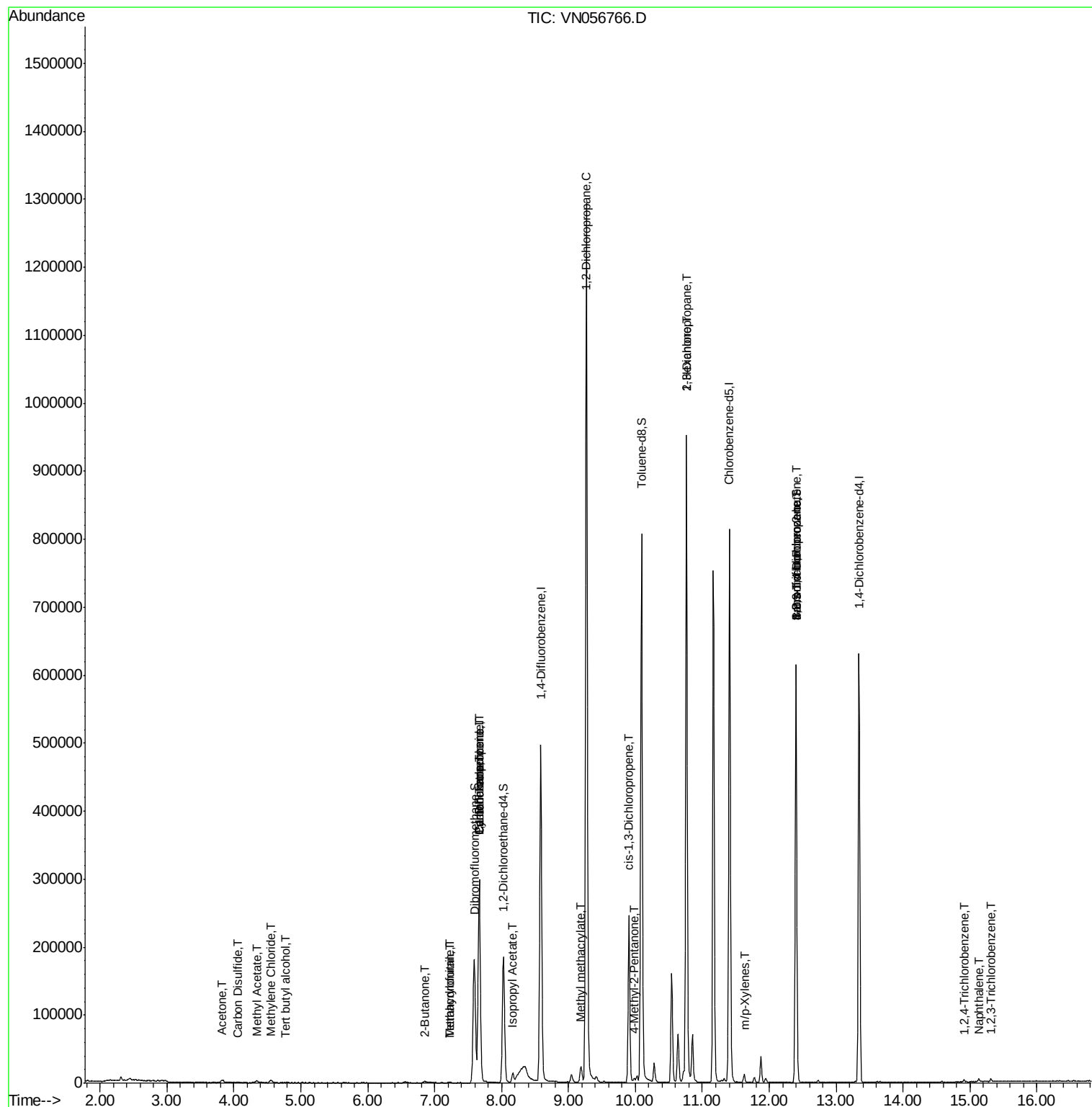
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	386	0.784	ug/l #	73
16) Acetone	3.82	43	8186	6.003	ug/l	96
17) Carbon Disulfide	4.05	76	1352	0.203	ug/l #	75
18) Methyl Acetate	4.35	43	6003	1.006	ug/l #	89
20) Methylene Chloride	4.56	84	2799	0.939	ug/l	94
25) 2-Butanone	6.86	43	4282	2.148	ug/l	92
29) Tetrahydrofuran	7.22	42	458	0.352	ug/l #	57
31) Cyclohexane	7.67	56	4336	0.917	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17001	3.874	ug/l #	48
38) Carbon Tetrachloride	7.67	117	23007	5.591	ug/l #	17
41) Methacrylonitrile	7.23	41	405	0.213	ug/l #	100
43) Isopropyl Acetate	8.17	43	17016	2.503	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1503	0.421	ug/l #	45
48) Methyl methacrylate	9.18	41	8330	2.533	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	4374	0.993	ug/l	87
54) cis-1,3-Dichloropropene	9.90	75	46869	9.202	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9947	1.819	ug/l #	42
59) 2-Hexanone	10.76	43	138655	43.883	ug/l #	52
68) m/p-Xylenes	11.63	106	3910	0.581	ug/l	93
71) Bromoform	12.40	173	1195	0.416	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	99336	24.809	ug/l #	100
79) 2-Chlorotoluene	12.78	91	810	Below Cal		88
81) trans-1,4-Dichloro-2-buten	12.40	75	99336	76.617	ug/l #	13
83) tert-Butylbenzene	12.99	119	455	Below Cal	#	53
93) 1,2,4-Trichlorobenzene	14.91	180	1346	4.040	ug/l	94
94) Hexachlorobutadiene	15.01	225	69	Below Cal	#	40
95) Naphthalene	15.13	128	4719	4.963	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.31	180	1544	3.729	ug/l	84

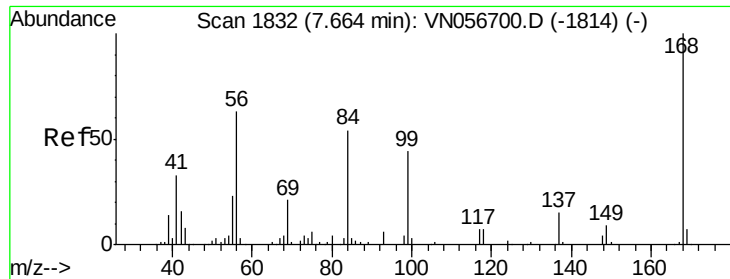
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071619\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 07:03:34 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: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

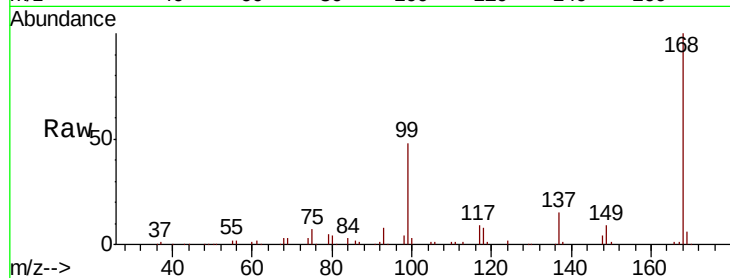
PB121398ZHE#06

Tot Ion:168 Resp: 267541

Ion Ratio Lower Upper

168 100

99 47.9 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

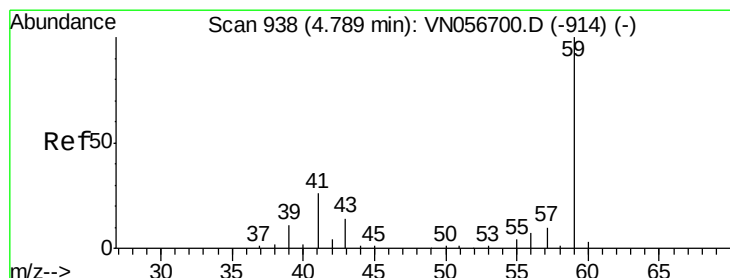
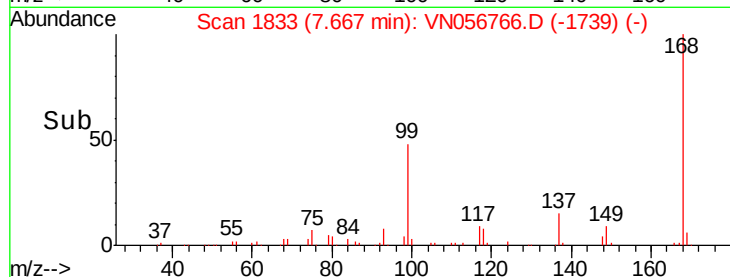
0

Time-->

7.60

7.70

7.80



#11

Tert butyl alcohol

Concen: 0.784 ug/l

RT: 4.79 min Scan# 937

Delta R.T. -0.00 min

Lab File: VN056766.D

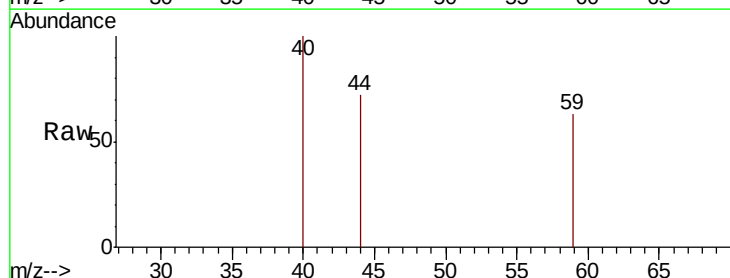
Acq: 16 Jul 2019 14:13

Tgt Ion: 59 Resp: 386

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.79

250

200

150

100

50

0

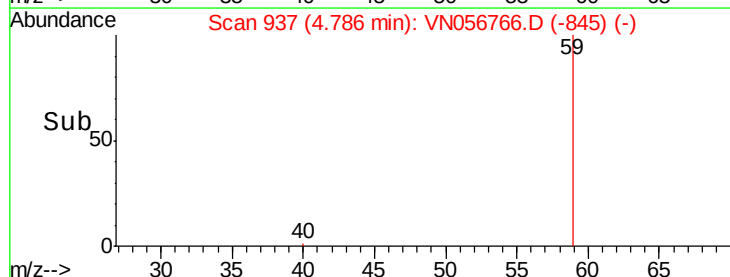
Time-->

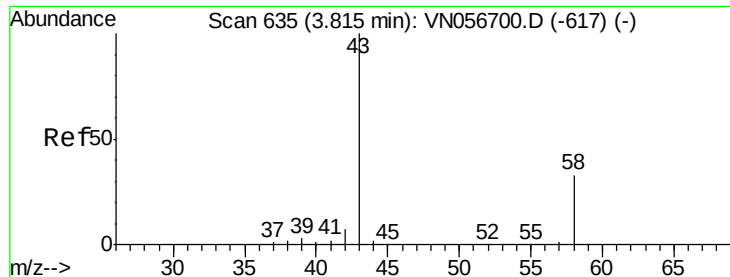
4.76

4.78

4.80

4.82





#16

Acetone

Concen: 6.003 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

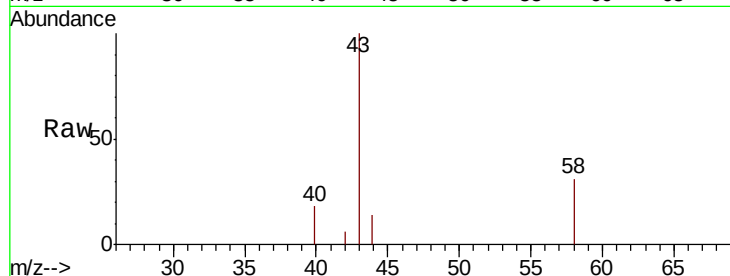
PB121398ZHE#06

Tot Ion: 43 Resp: 8186

Ion Ratio Lower Upper

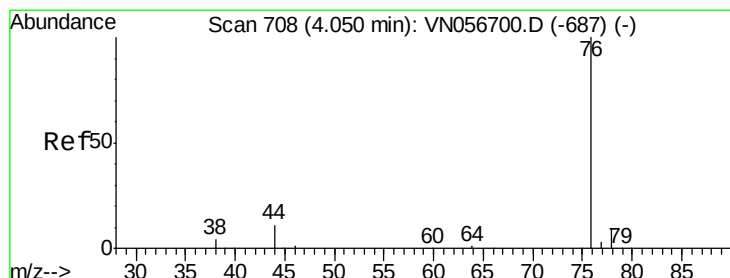
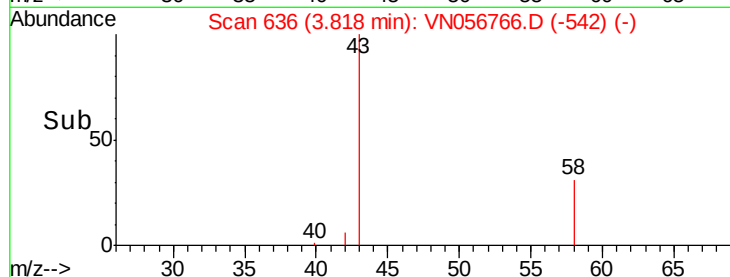
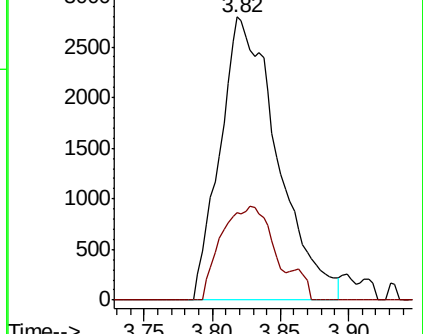
43 100

58 31.1 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.203 ug/l

RT: 4.05 min Scan# 708

Delta R.T. -0.00 min

Lab File: VN056766.D

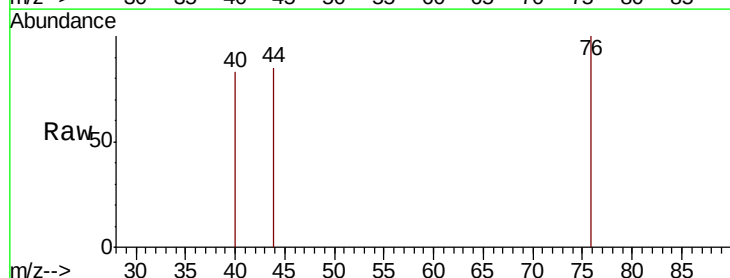
Acq: 16 Jul 2019 14:13

Tgt Ion: 76 Resp: 1352

Ion Ratio Lower Upper

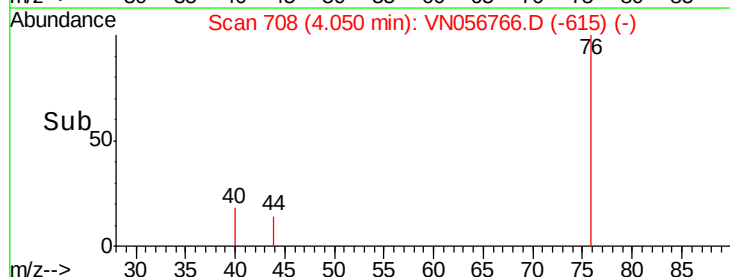
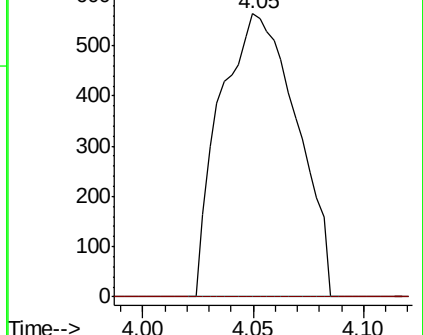
76 100

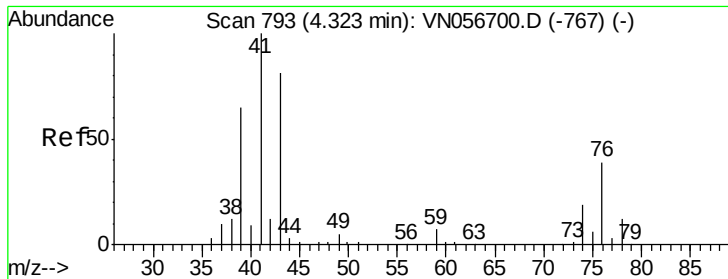
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

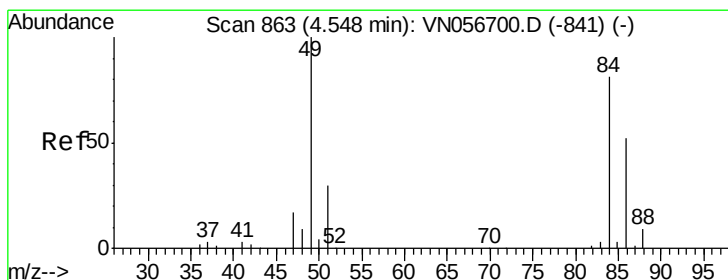
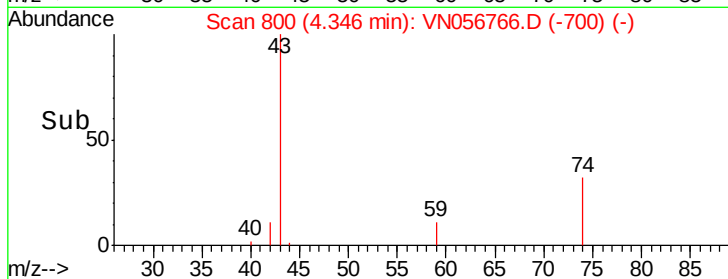
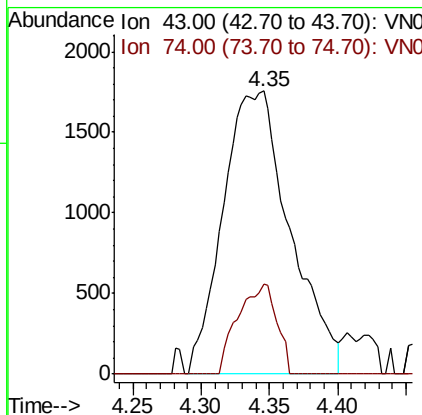
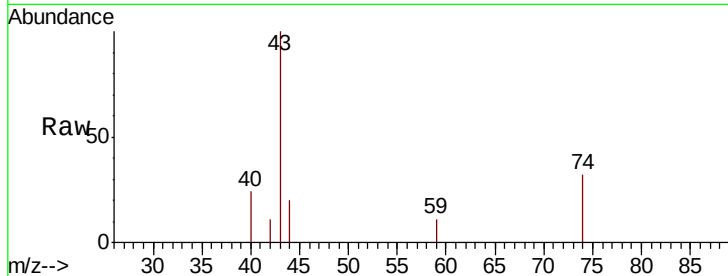




#18
Methvl Acetate
Concen: 1.006 ug/l
RT: 4.35 min Scan# 800
Delta R.T. 0.02 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

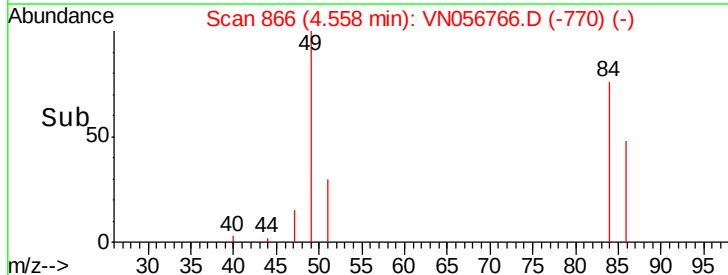
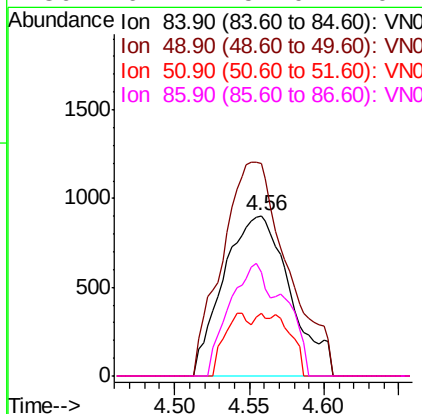
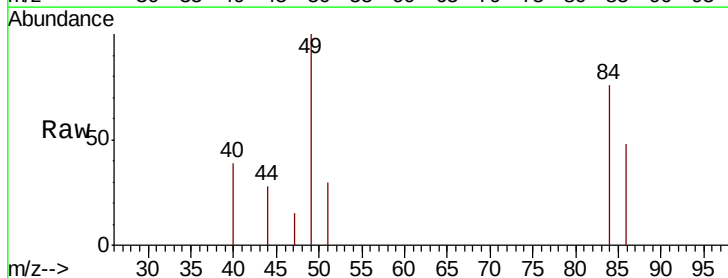
Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#06

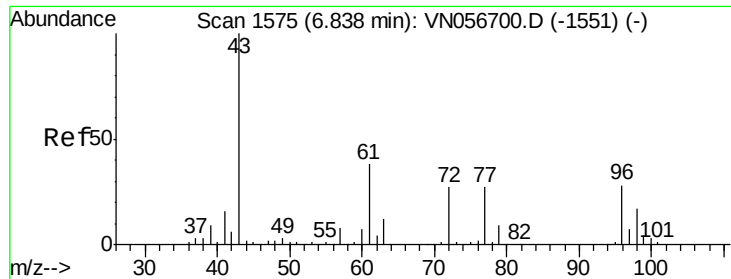
Tot Ion: 43 Resp: 6003
Ion Ratio Lower Upper
43 100
74 18.3 18.9 28.3#



#20
Methylene Chloride
Concen: 0.939 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Tgt Ion: 84 Resp: 2799
Ion Ratio Lower Upper
84 100
49 132.4 98.2 147.4
51 39.4 29.6 44.4
86 64.2 51.0 76.4





#25

2-Butanone

Concen: 2.148 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

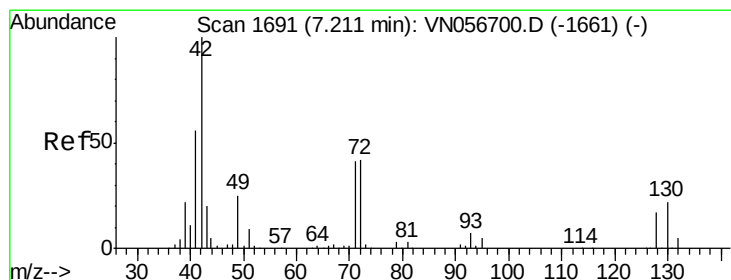
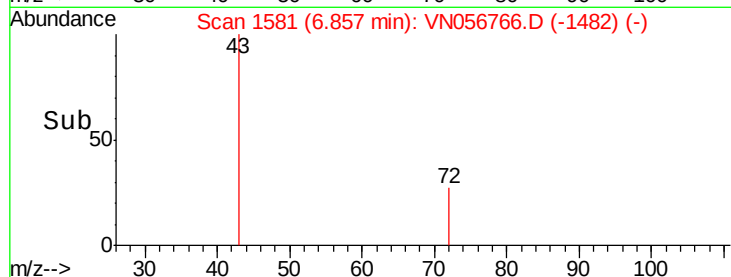
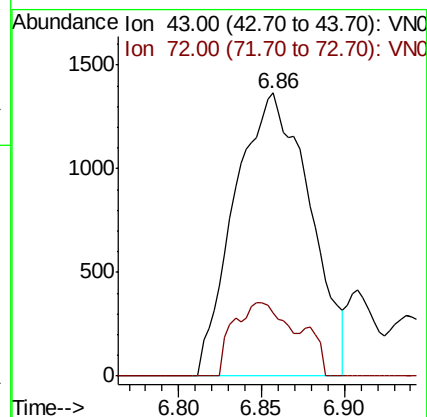
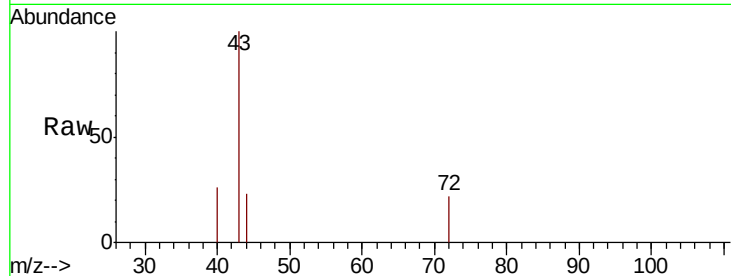
PB121398ZHE#06

Tot Ion: 43 Resp: 4282

Ion Ratio Lower Upper

43 100

72 22.4 21.2 31.8



#29

Tetrahydrofuran

Concen: 0.352 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

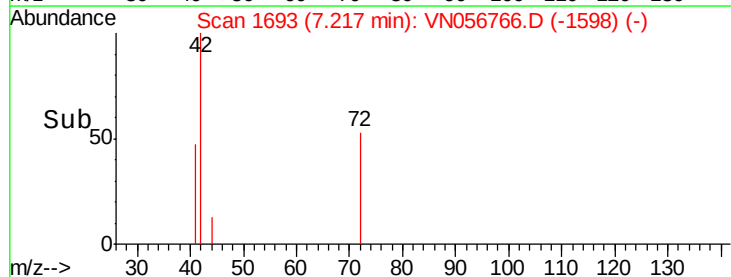
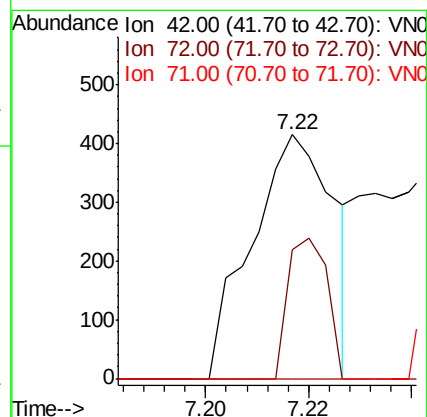
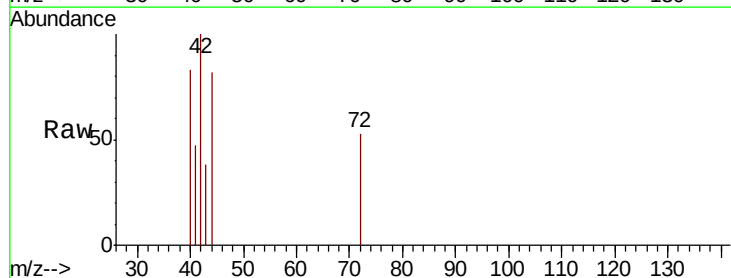
Tgt Ion: 42 Resp: 458

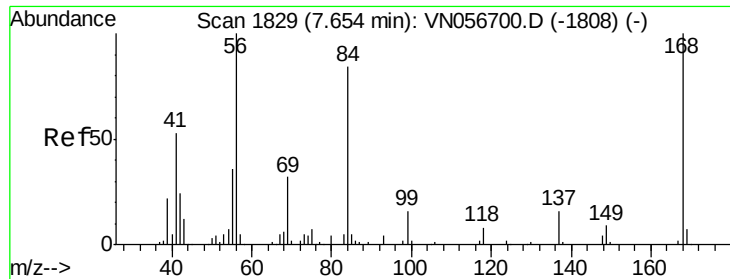
Ion Ratio Lower Upper

42 100

72 27.5 33.5 50.3#

71 0.0 31.8 47.8#

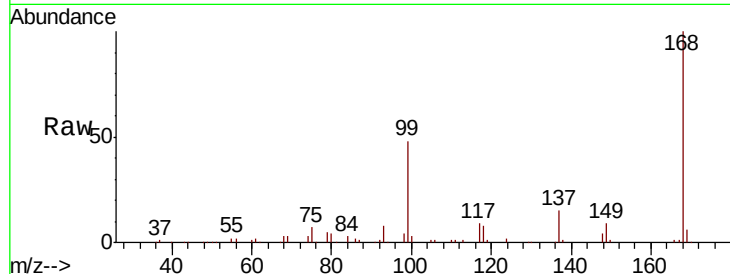




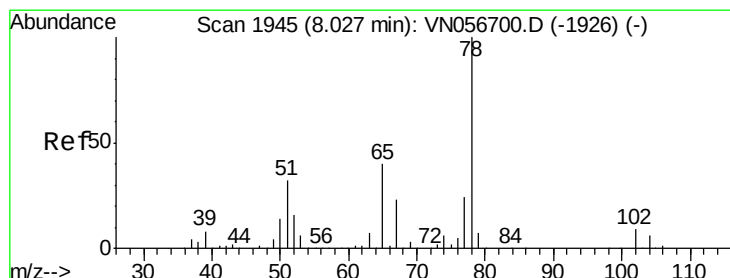
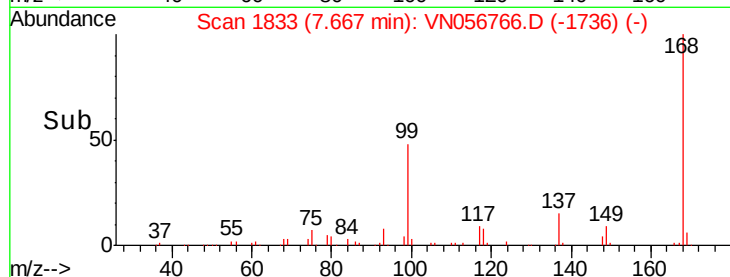
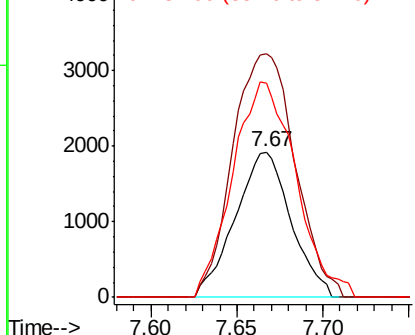
#31
Cyclohexane
Concen: 0.917 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#06

Tot Ion: 56 Resp: 4336
Ion Ratio Lower Upper
56 100
69 167.9 25.8 38.8#
84 148.1 67.4 101.0#

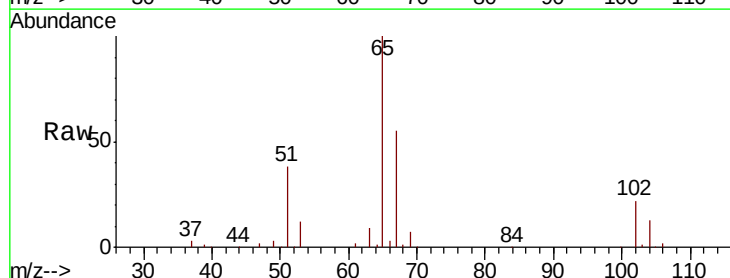


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

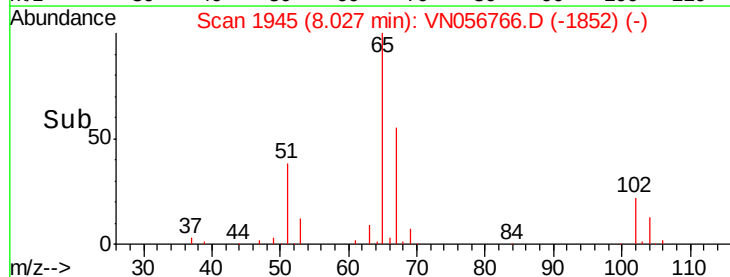
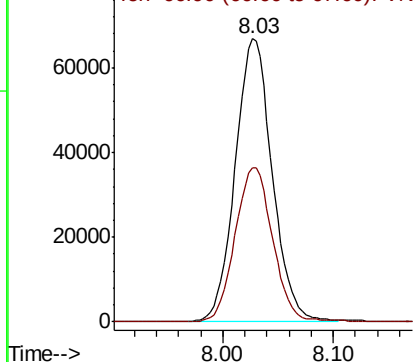


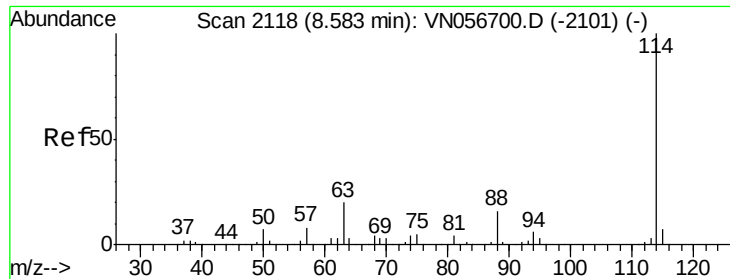
#33
1,2-Dichloroethane-d4
Concen: 52.614 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Tgt Ion: 65 Resp: 155703
Ion Ratio Lower Upper
65 100
67 55.5 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: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

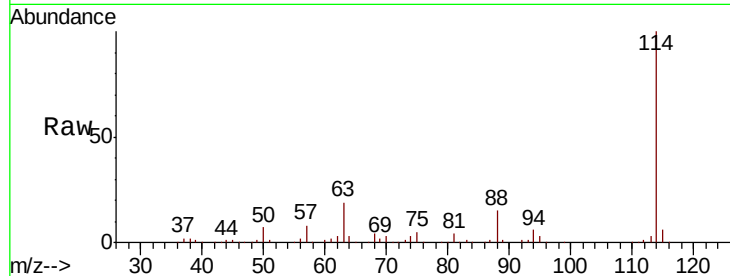
Tot Ion:114 Resp: 474188

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.4

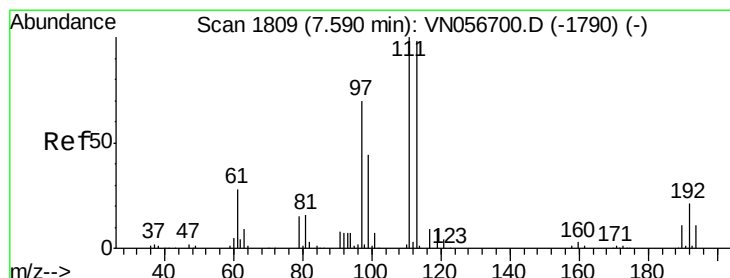
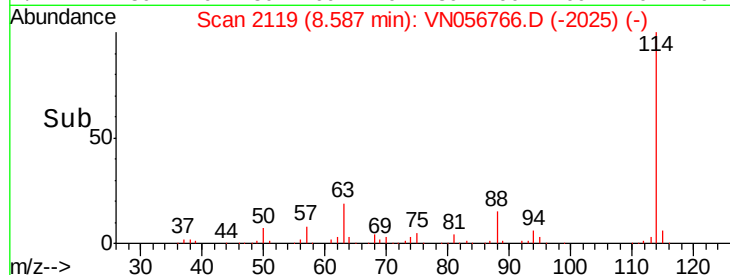
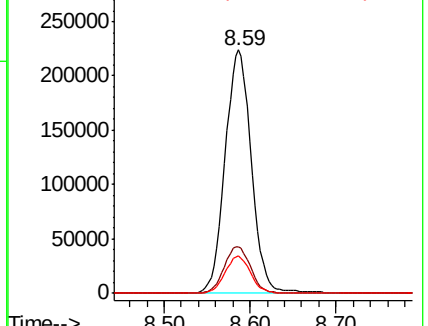
88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.496 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

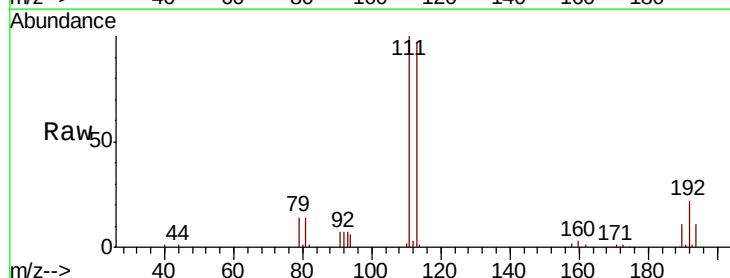
Tgt Ion:113 Resp: 140160

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

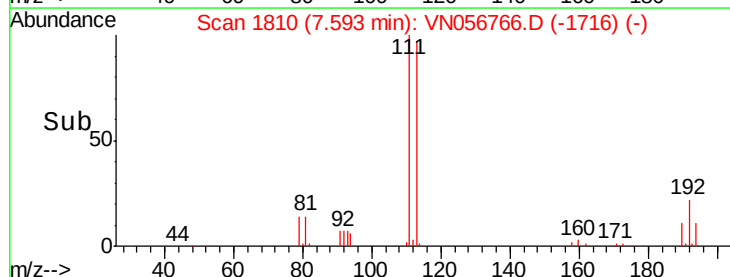
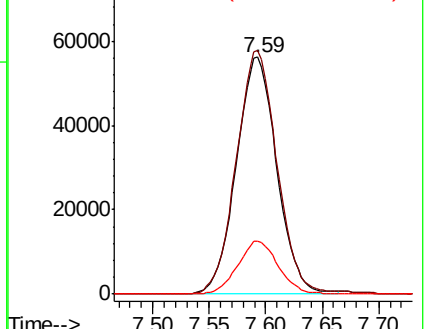
192 22.4 17.5 26.3

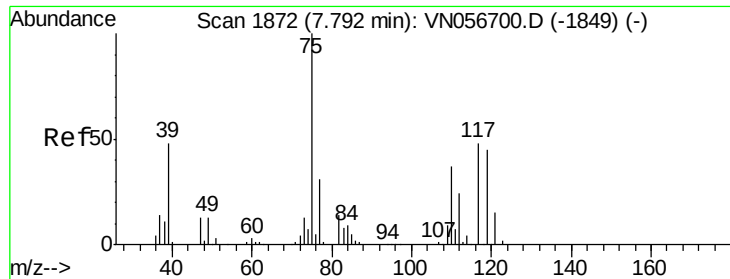


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

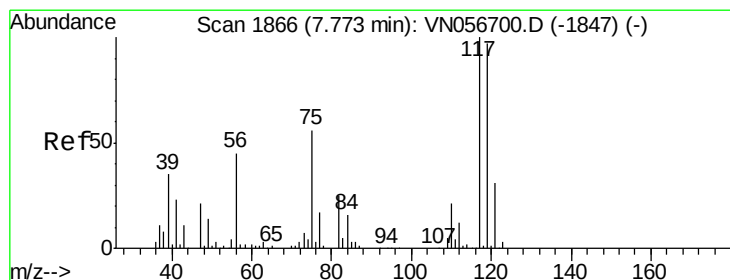
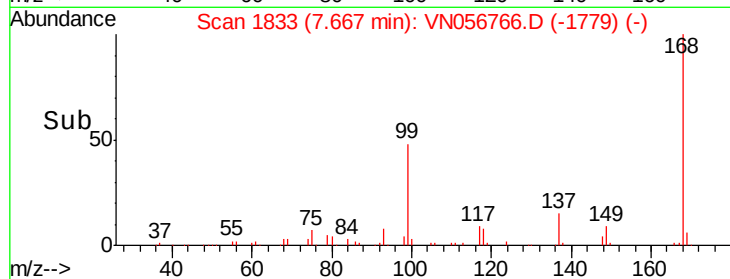
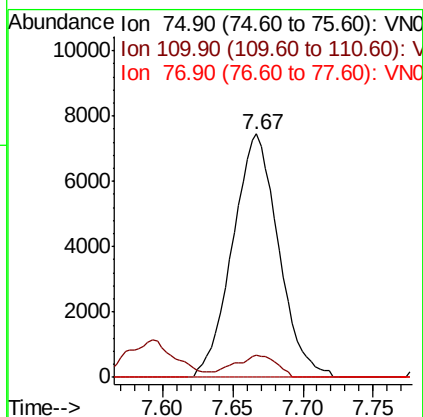
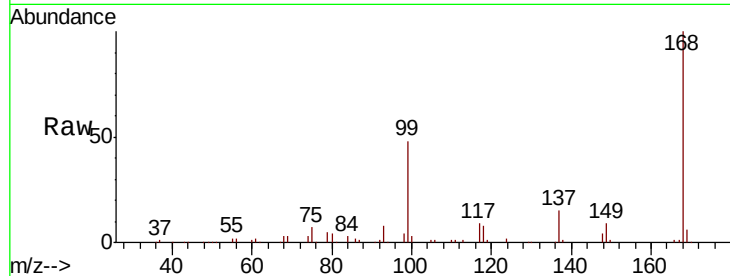




#36
 1,1-Dichloropropene
 Concen: 3.874 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

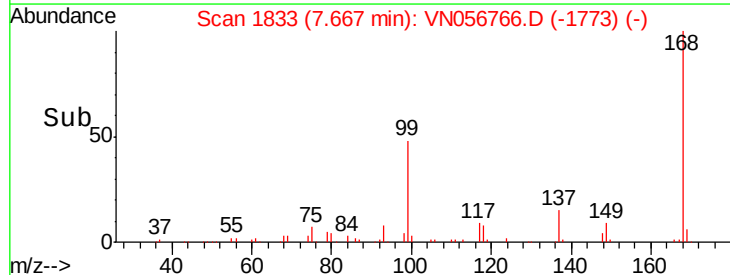
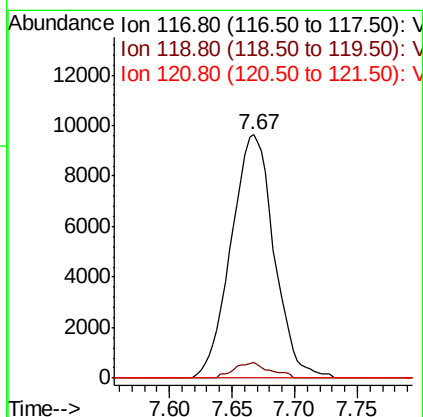
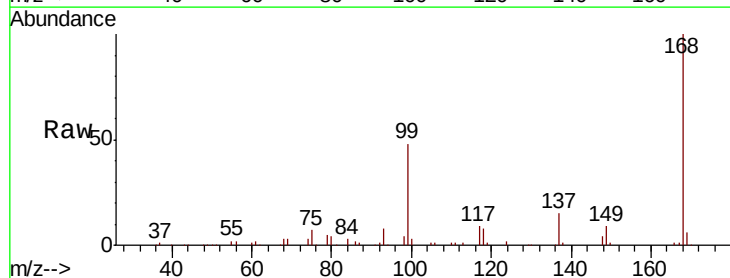
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#06

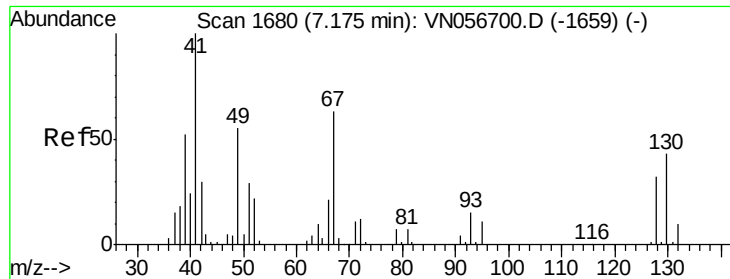
Tot Ion	75	Resp	17001
Ion Ratio	Lower	Upper	
75	100		
110	8.3	18.4	55.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.591 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

Tgt Ion	117	Resp	23007
Ion Ratio	Lower	Upper	
117	100		
119	6.4	77.5	116.3#
121	0.0	24.7	37.1#

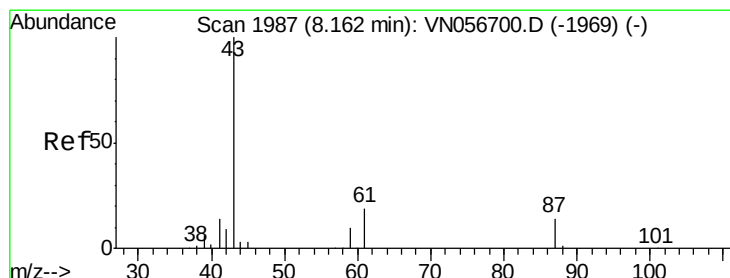
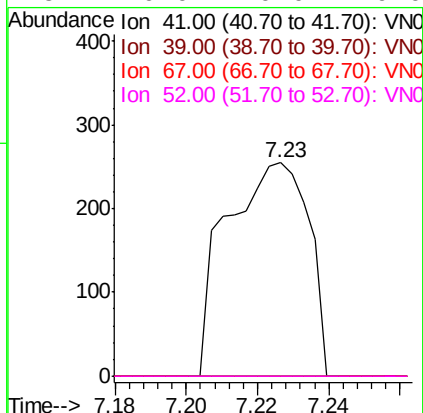
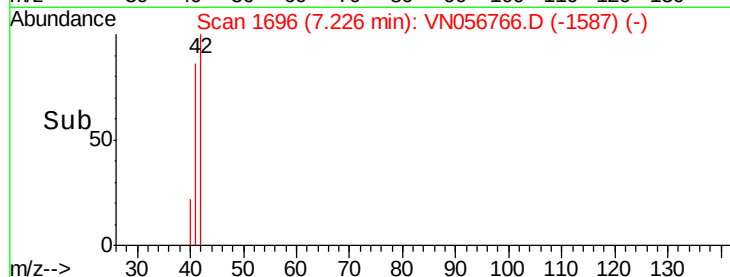
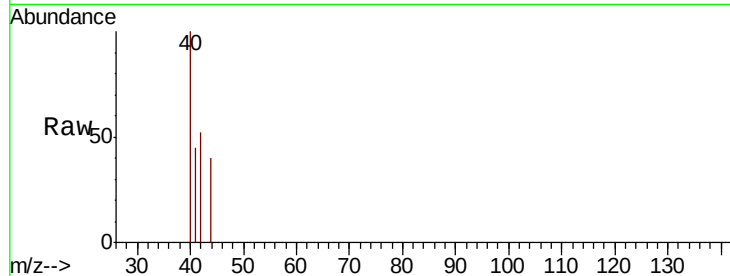




#41
Methacrylonitrile
Concen: 0.213 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

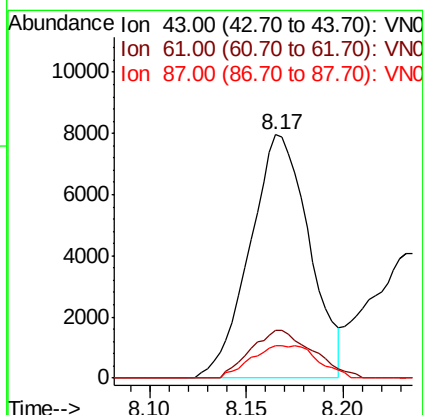
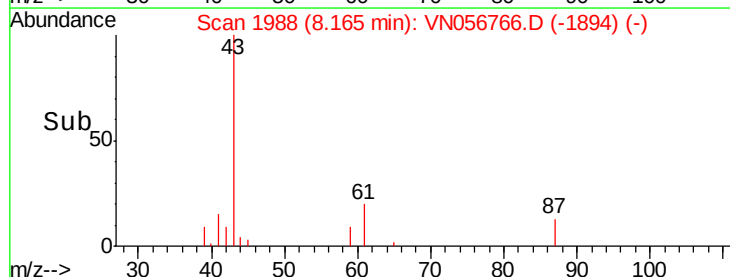
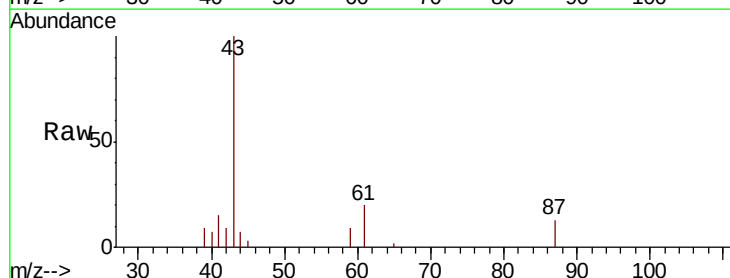
Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#06

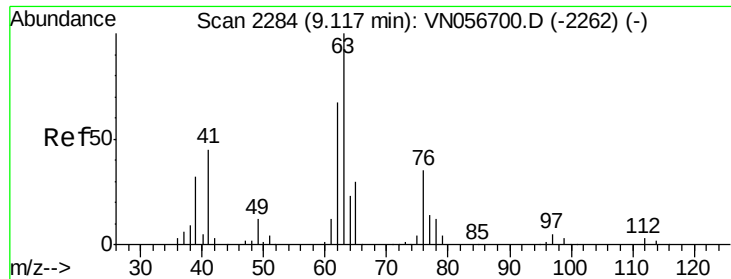
Tot Ion:	41	Resp:	405
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 2.503 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Tgt Ion:	43	Resp:	17016
Ion	Ratio	Lower	Upper
43	100		
61	20.5	22.3	33.5#
87	14.7	11.1	16.7

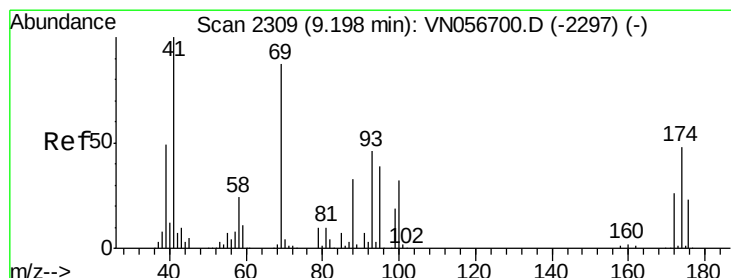
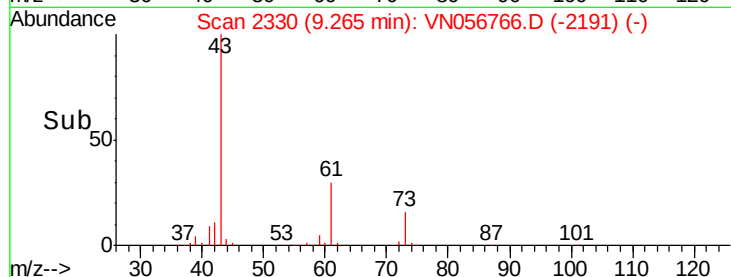
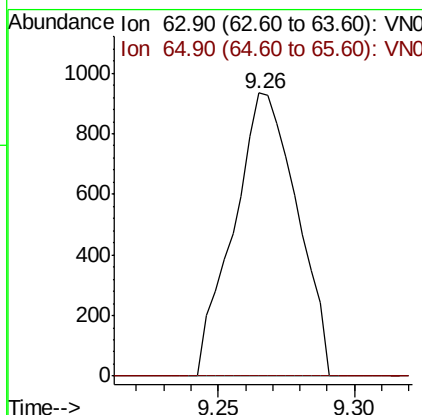
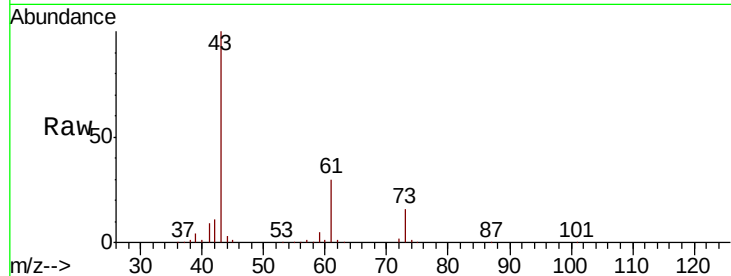




#45
 1,2-Dichloropropane
 Concen: 0.421 ug/l
 RT: 9.26 min Scan# 2330
 Delta R.T. 0.15 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

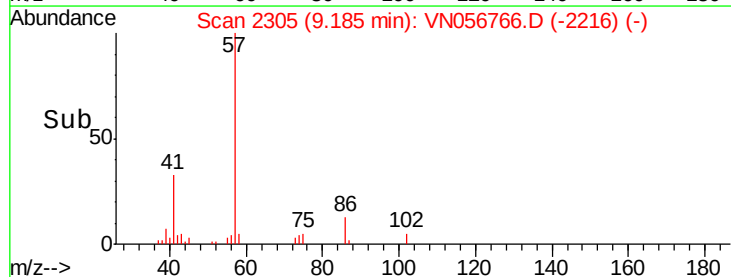
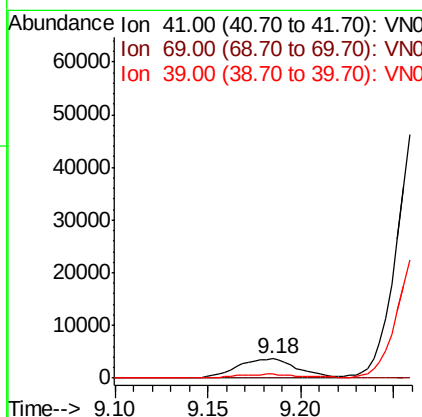
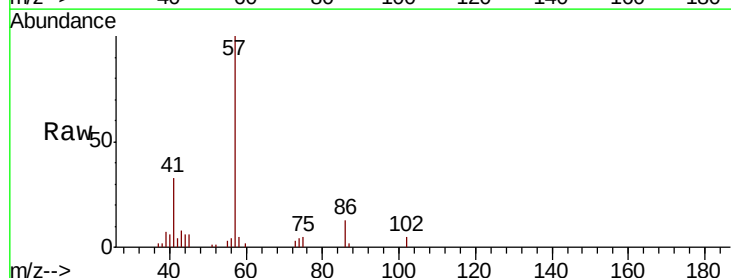
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#06

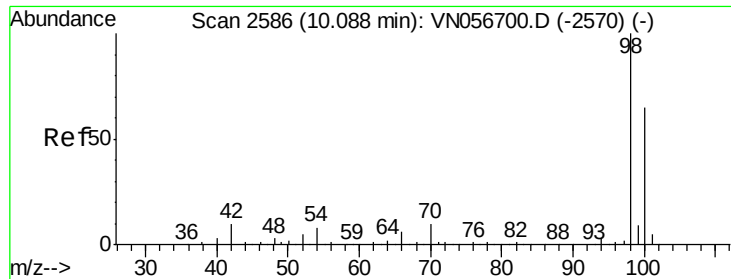
Tot Ion: 63 Resp: 1503
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.0 36.0#



#48
 Methyl methacrylate
 Concen: 2.533 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

Tgt Ion: 41 Resp: 8330
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.4 107.0#
 39 0.0 41.2 61.8#

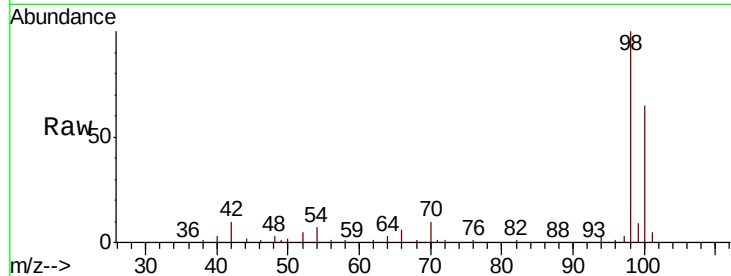




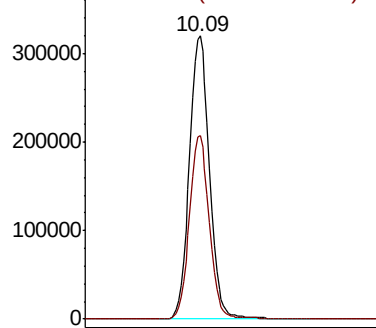
#50
Toluene-d8
Concen: 53.029 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#06

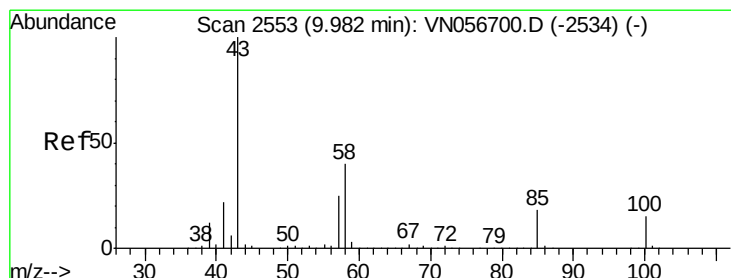
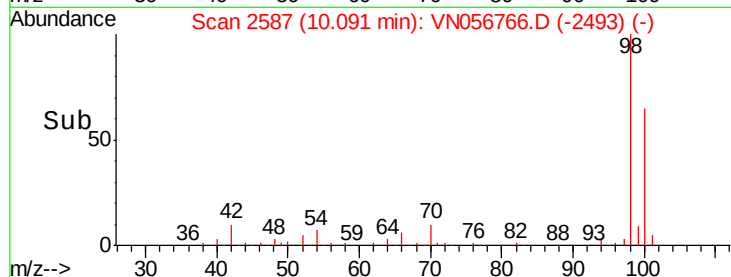
Tot Ion: 98 Resp: 604392
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)
Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

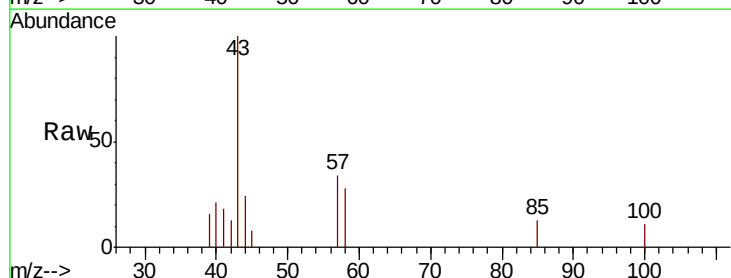


Time-->

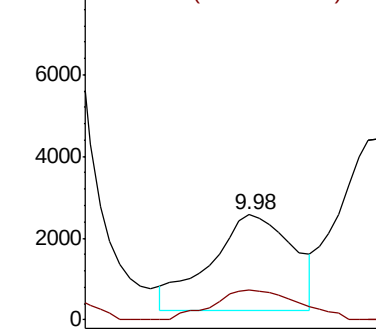


#51
4-Methyl-2-Pentanone
Concen: 0.993 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

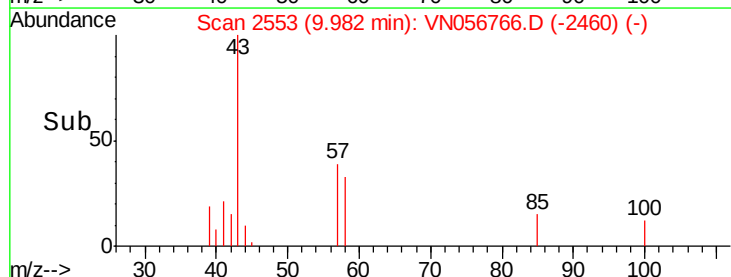
Tgt Ion: 43 Resp: 4374
Ion Ratio Lower Upper
43 100
58 32.1 32.0 48.0

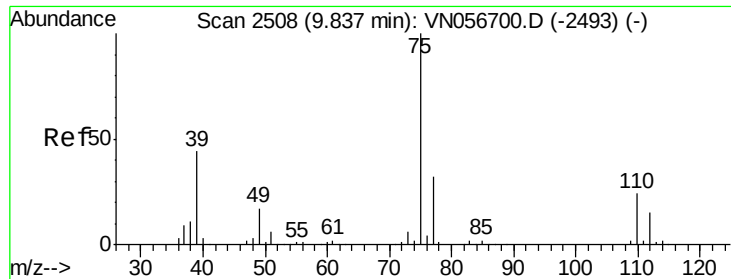


Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-2534) (-)
Ion 58.00 (57.70 to 58.70): VN056700.D (-2534) (-)



Time-->





#54

cis-1,3-Dichloropropene

Concen: 9.202 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

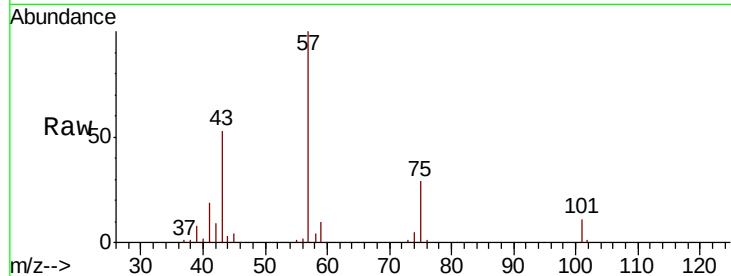
Tot Ion: 75 Resp: 46869

Ion Ratio Lower Upper

75 100

77 0.0 26.0 39.0#

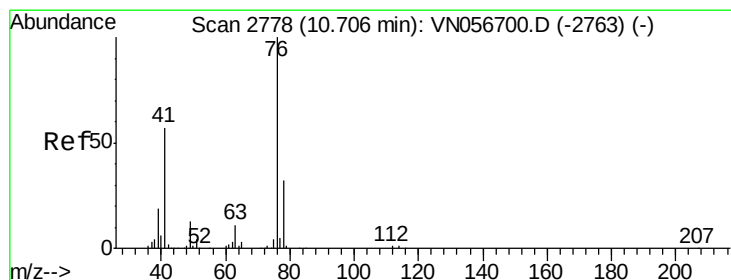
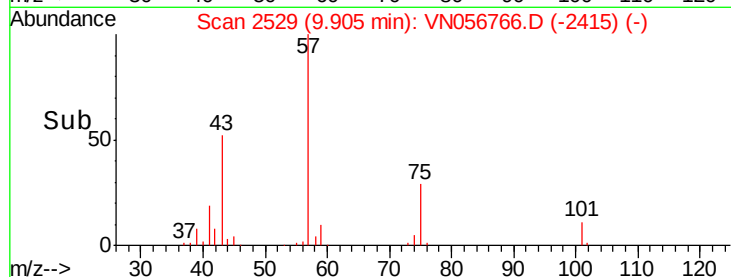
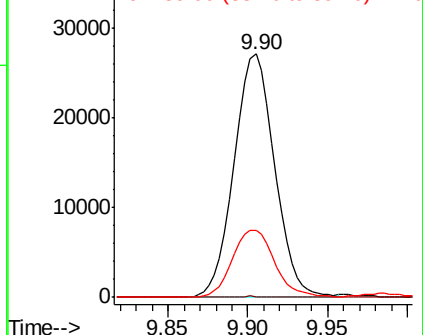
39 27.6 35.1 52.7#



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: 1.819 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056766.D

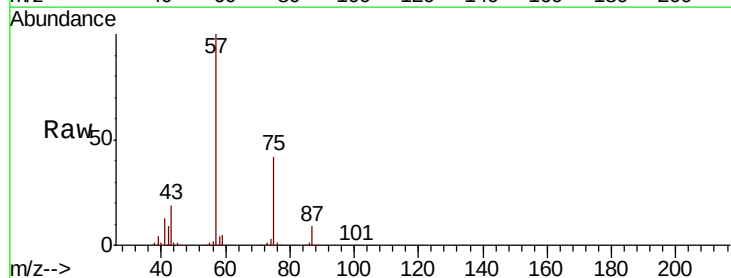
Acq: 16 Jul 2019 14:13

Tgt Ion: 76 Resp: 9947

Ion Ratio Lower Upper

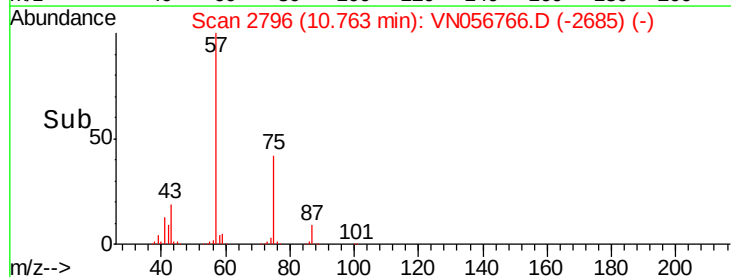
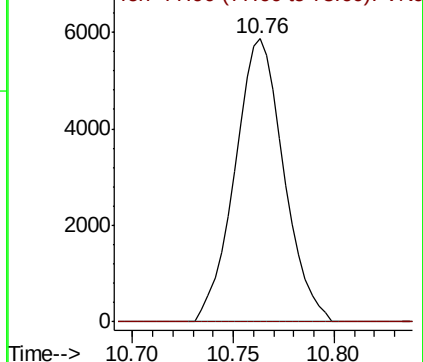
76 100

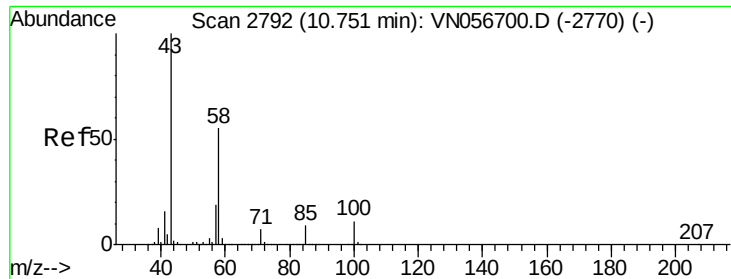
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

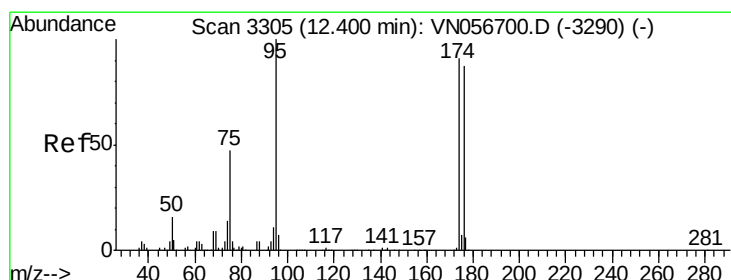
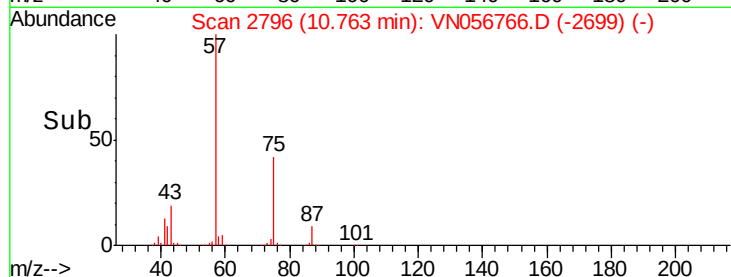
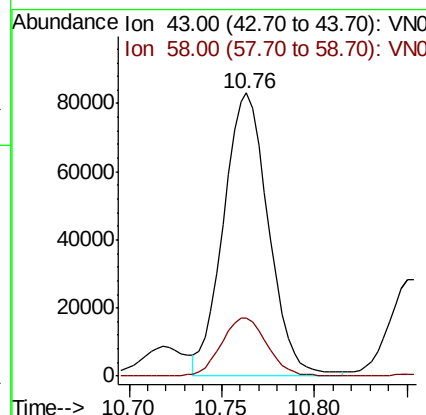
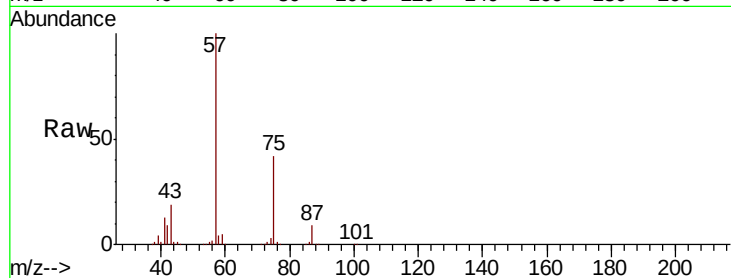




#59
2-Hexanone
Concen: 43.883 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

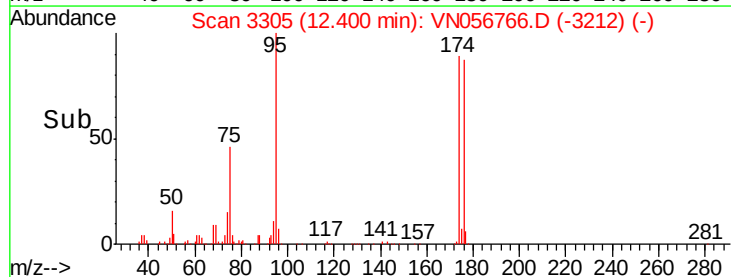
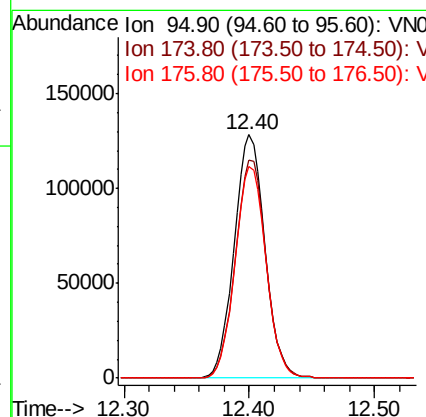
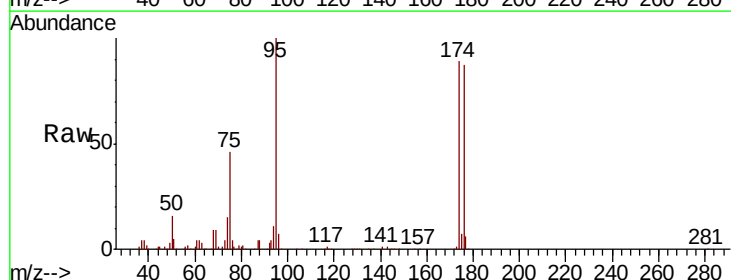
Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#06

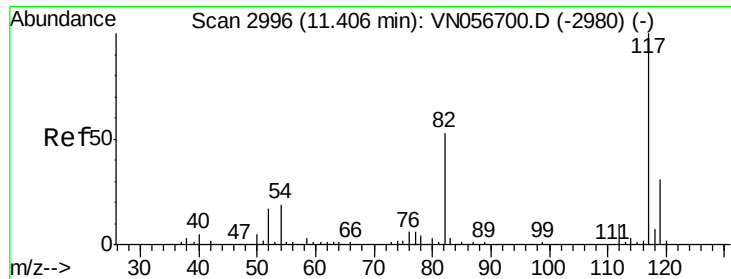
Tot Ion: 43 Resp: 138655
Ion Ratio Lower Upper
43 100
58 20.9 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 56.639 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Tgt Ion: 95 Resp: 217694
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.0
176 87.8 0.0 173.2

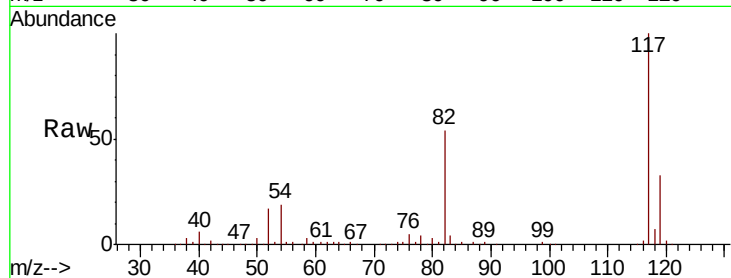




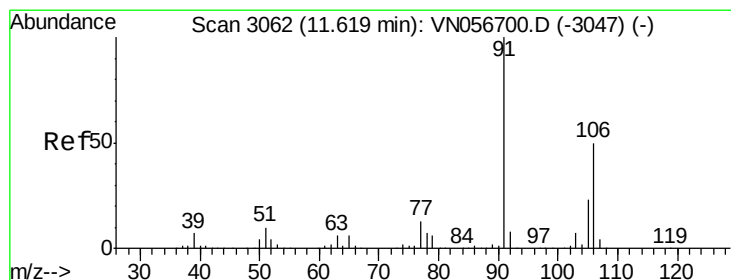
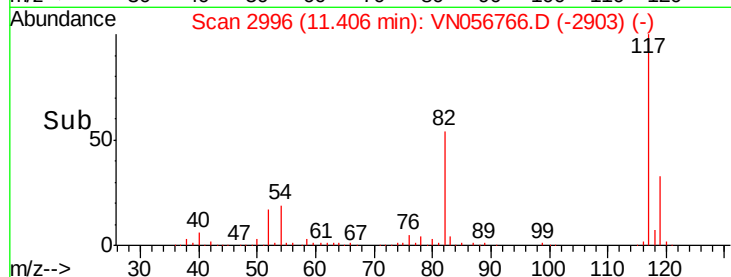
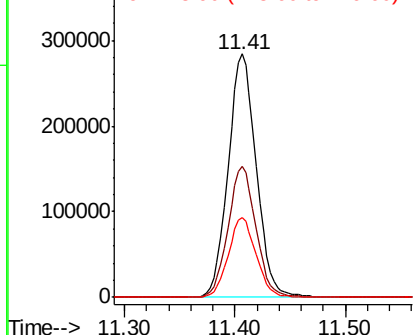
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB121398ZHE#06

Tot Ion:117 Resp: 501267
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.2
119 32.9 25.2 37.8

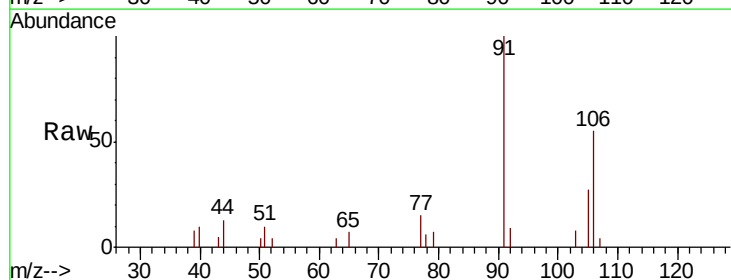


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

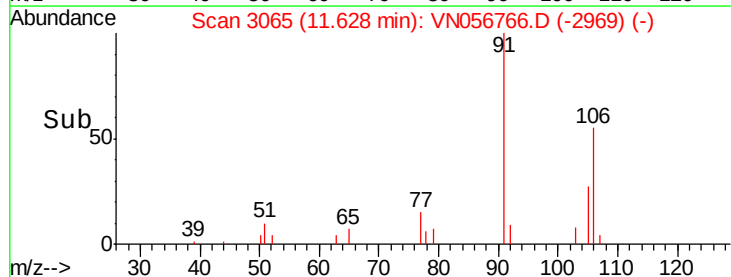
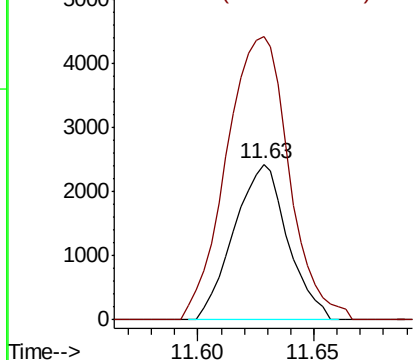


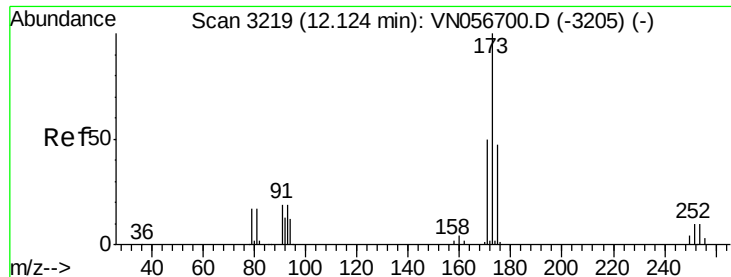
#68
m/p-Xylenes
Concen: 0.581 ug/l
RT: 11.63 min Scan# 3065
Delta R.T. 0.01 min
Lab File: VN056766.D
Acq: 16 Jul 2019 14:13

Tgt Ion:106 Resp: 3910
Ion Ratio Lower Upper
106 100
91 211.8 160.5 240.7



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





#71

Bromoform

Concen: 0.416 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

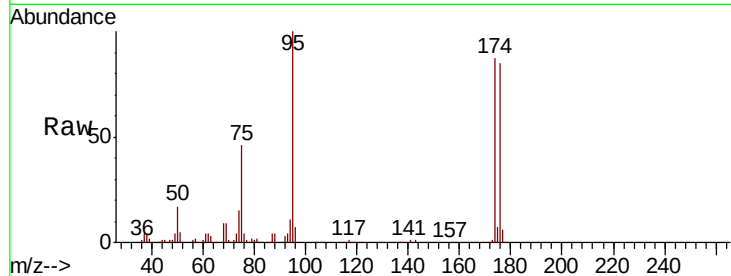
Tot Ion:173 Resp: 1195

Ion Ratio Lower Upper

173 100

175 1019.7 23.8 71.4#

254 0.0 0.0 0.0

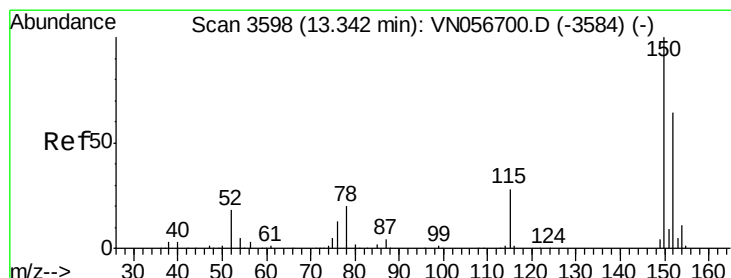
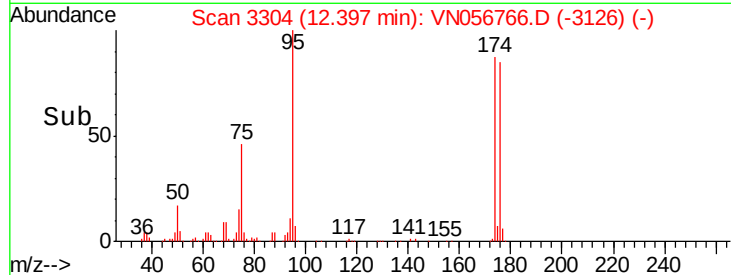
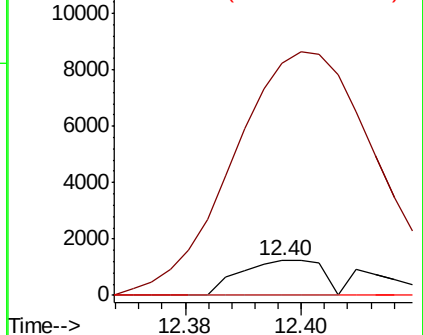


Abundance

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: VN056766.D

Acq: 16 Jul 2019 14:13

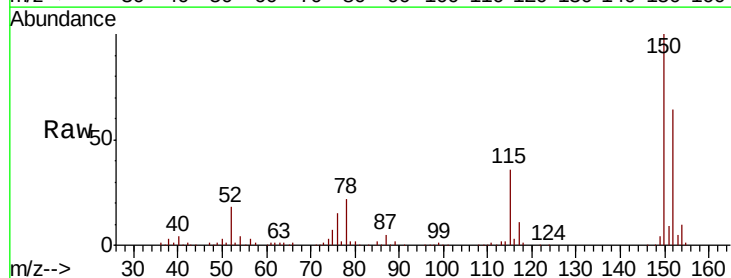
Tgt Ion:152 Resp: 183074

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 156.4 0.0 345.8

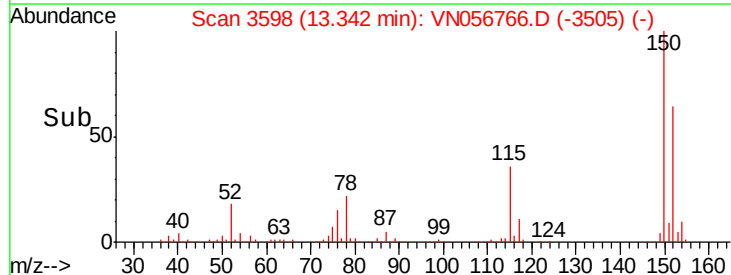
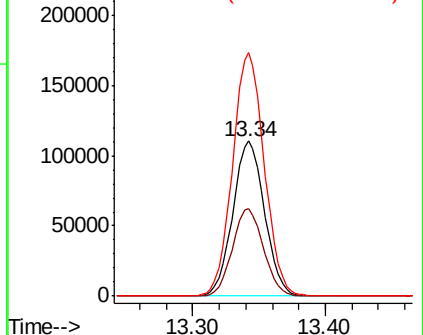


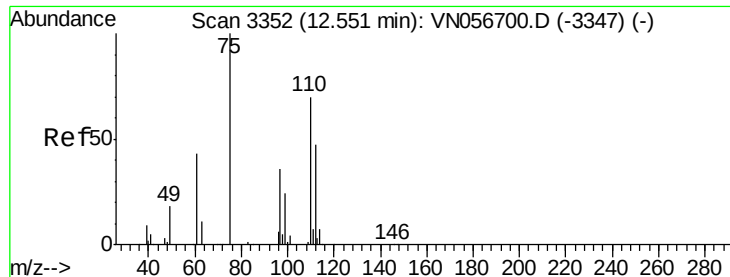
Abundance

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: 24.809 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

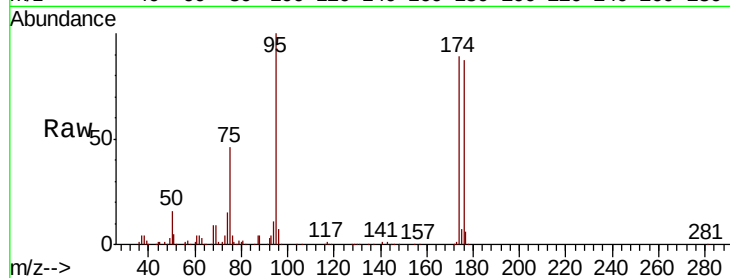
PB121398ZHE#06

Tot Ion: 75 Resp: 99336

Ion Ratio Lower Upper

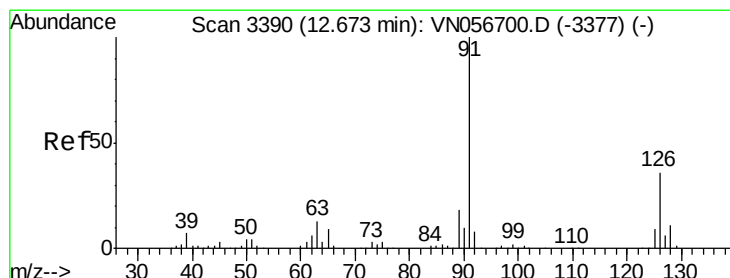
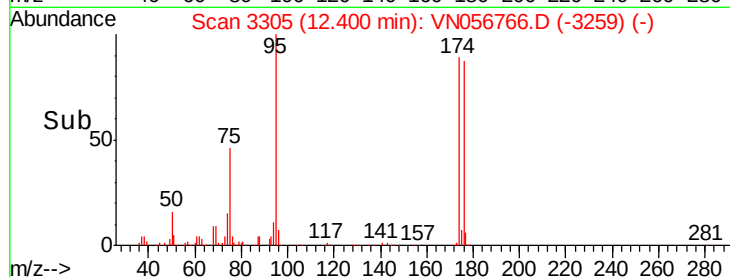
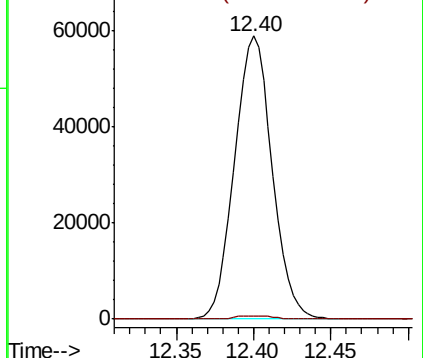
75 100

77 1.2 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: 12.78 min Scan# 3423

Delta R.T. 0.11 min

Lab File: VN056766.D

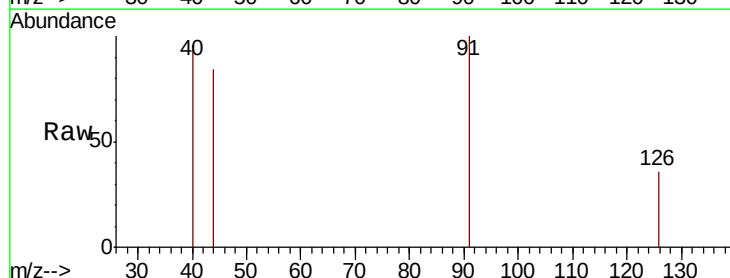
Acq: 16 Jul 2019 14:13

Tgt Ion: 91 Resp: 810

Ion Ratio Lower Upper

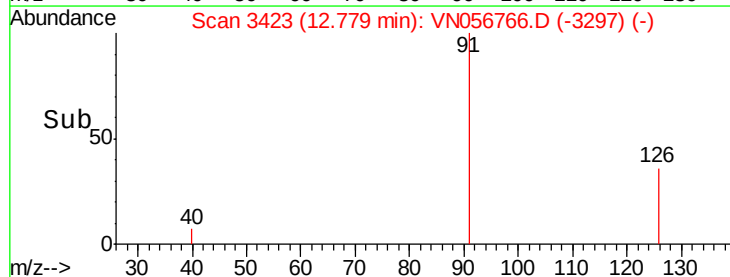
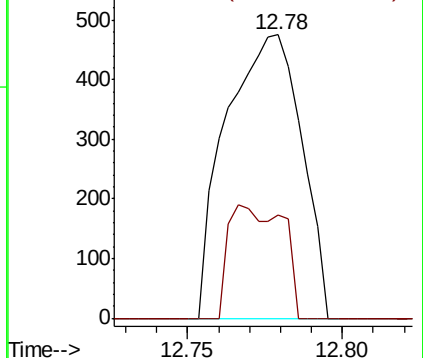
91 100

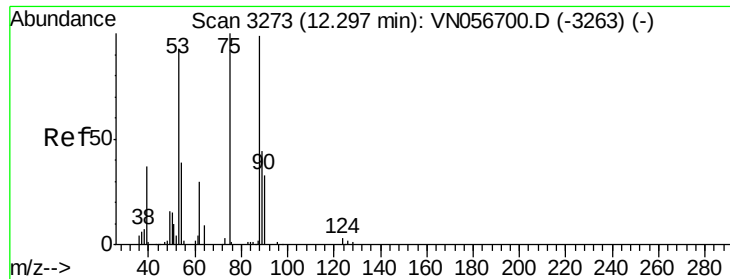
126 28.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

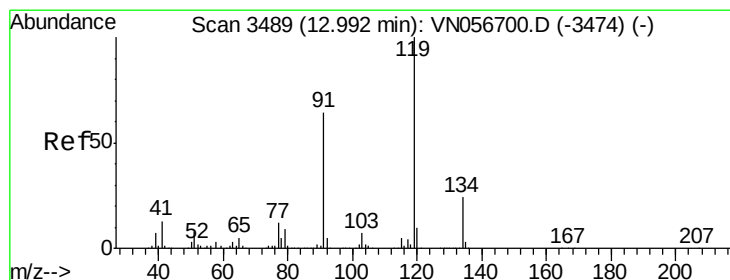
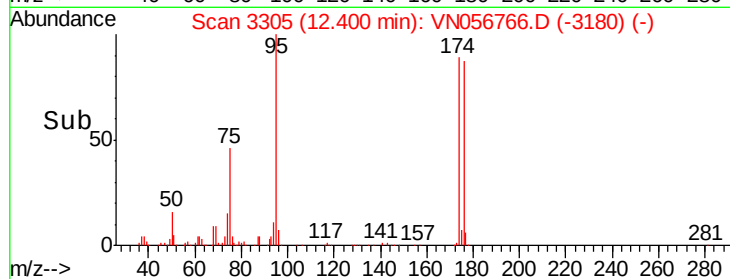
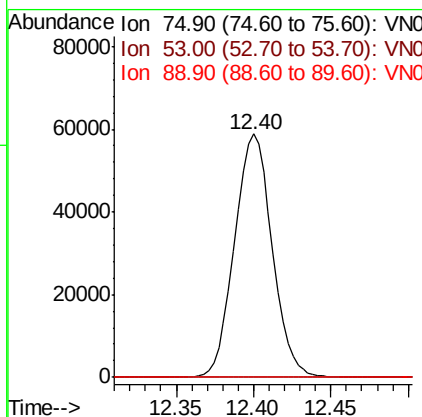
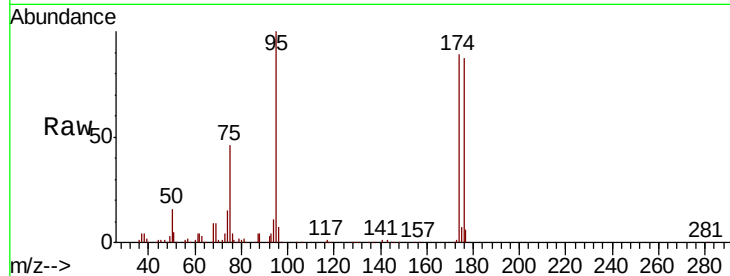




#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.617 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

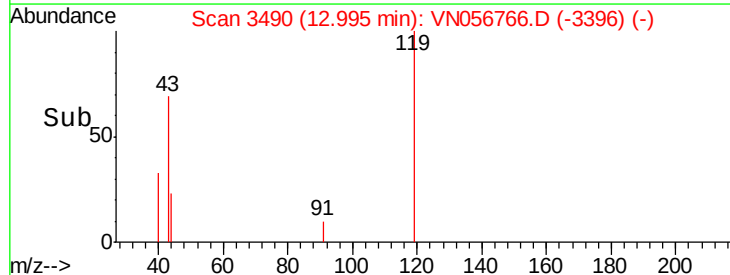
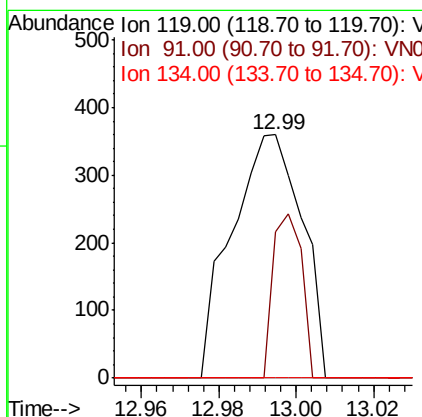
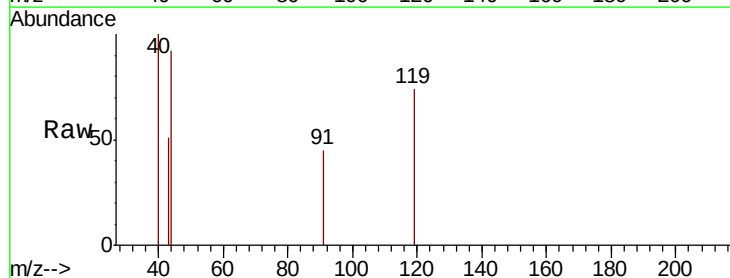
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121398ZHE#06

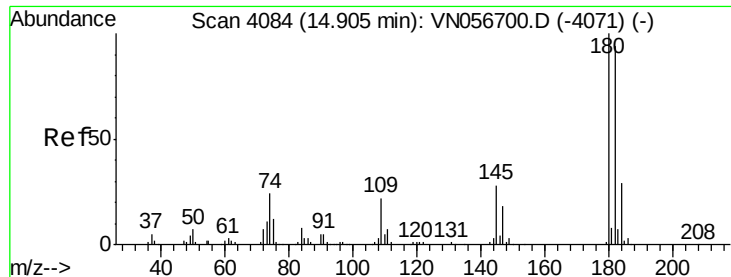
Tot Ion: 75 Resp: 99336
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.7 110.5#
 89 0.0 36.2 54.2#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056766.D
 Acq: 16 Jul 2019 14:13

Tgt Ion: 119 Resp: 455
 Ion Ratio Lower Upper
 119 100
 91 27.7 31.8 95.4#
 134 0.0 13.0 38.9#





#93

1,2,4-Trichlorobenzene

Concen: 4.040 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

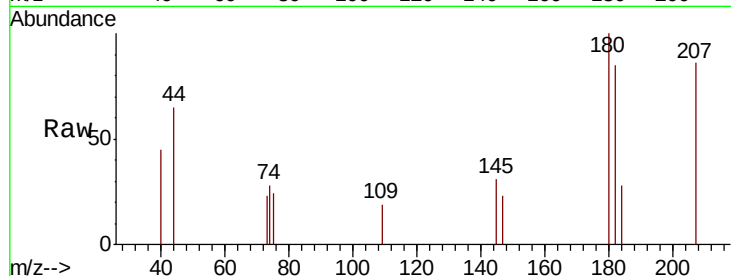
Tot Ion:180 Resp: 1346

Ion Ratio Lower Upper

180 100

182 90.1 47.2 141.6

145 22.7 14.2 42.8

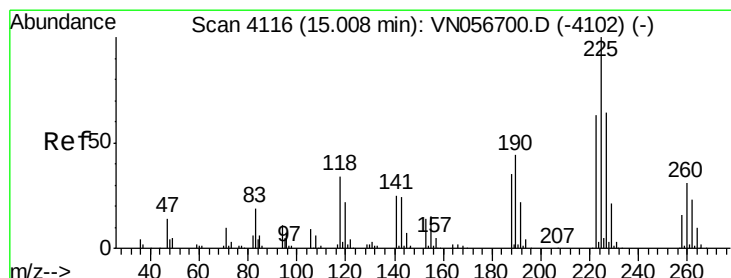
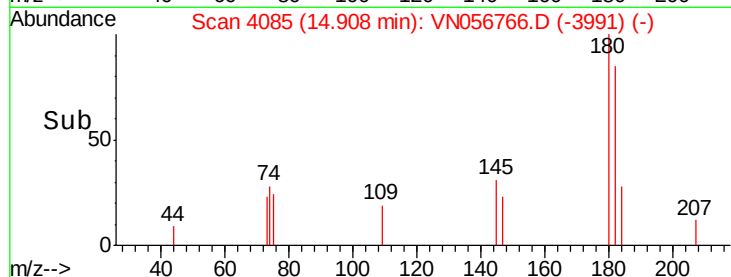
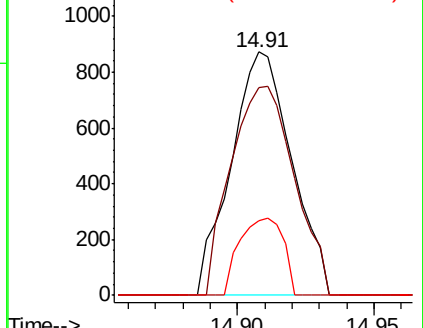


Abundance

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: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

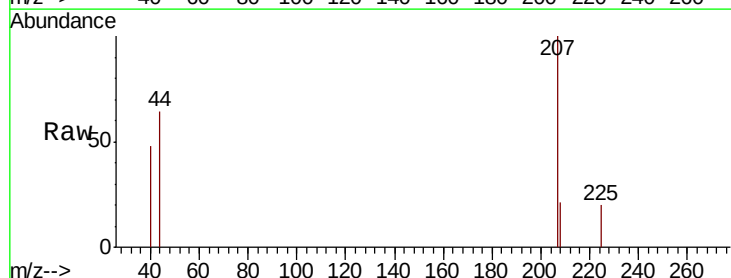
Tgt Ion:225 Resp: 69

Ion Ratio Lower Upper

225 100

223 0.0 31.5 94.5#

227 94.2 32.0 96.2

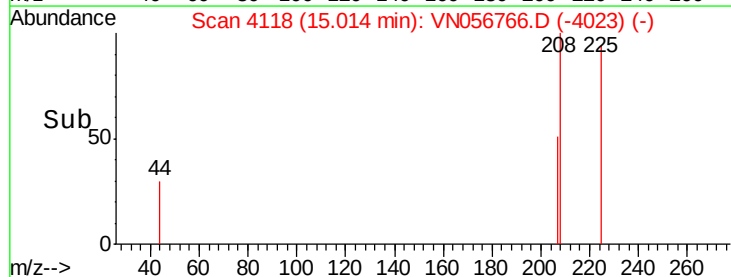
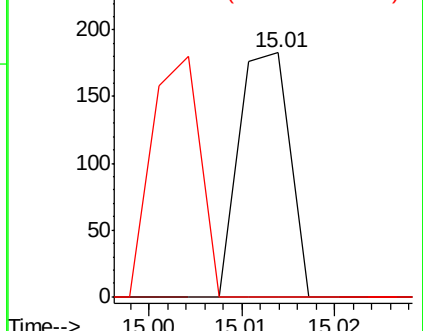


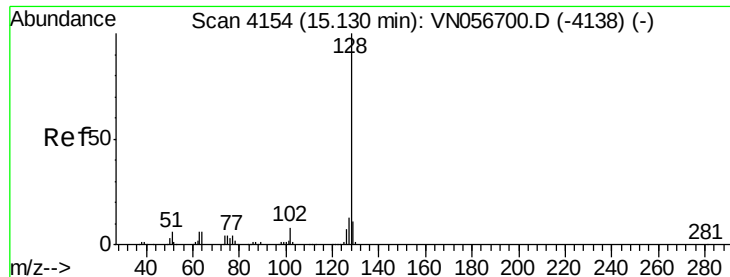
Abundance

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: 4.963 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB121398ZHE#06

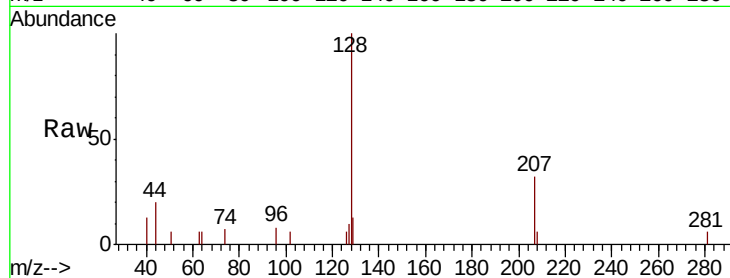
Tot Ion:128 Resp: 4719

Ion Ratio Lower Upper

128 100

127 8.0 10.3 15.5#

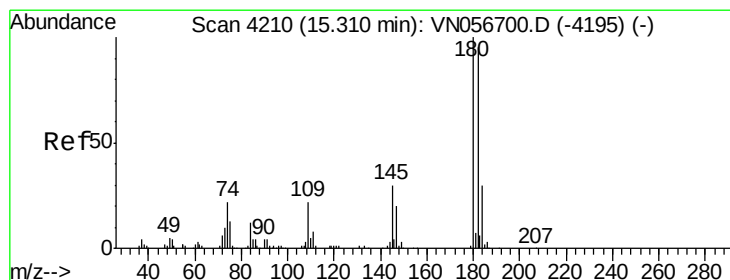
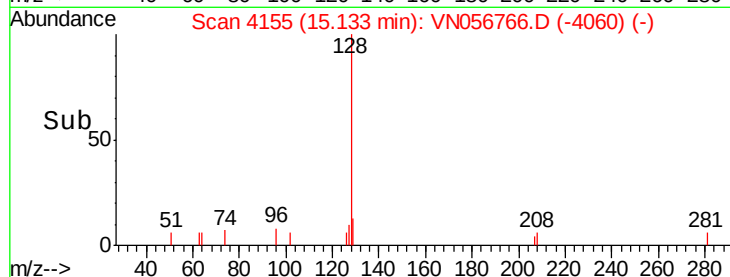
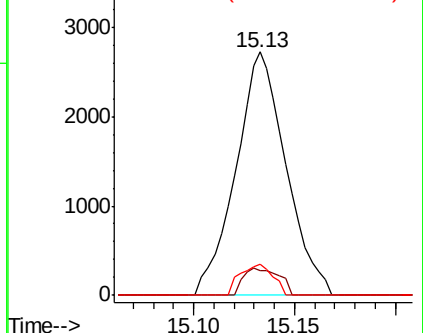
129 8.4 8.7 13.1#



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: 3.729 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056766.D

Acq: 16 Jul 2019 14:13

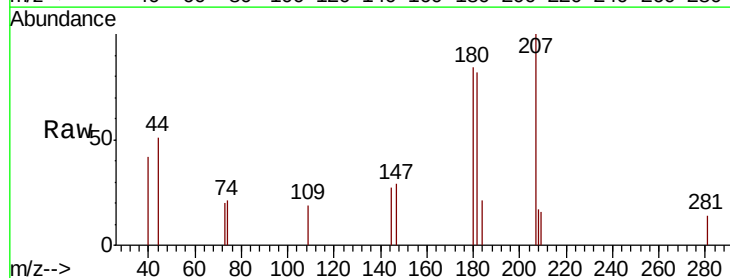
Tgt Ion:180 Resp: 1544

Ion Ratio Lower Upper

180 100

182 113.0 47.1 141.3

145 26.4 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

