

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056733.D
 Acq On : 16 Jul 2019 00:11
 Operator : JC/SP
 Sample : PB121354ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

Quant Time: Jul 16 04:28:01 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	270092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	482922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	522557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216587	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	159001	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
35) Dibromofluoromethane	7.59	113	144942	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	614642	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.40	95	235641	60.20	ug/l	0.00
Spiked Amount			Recovery	=	120.40%	

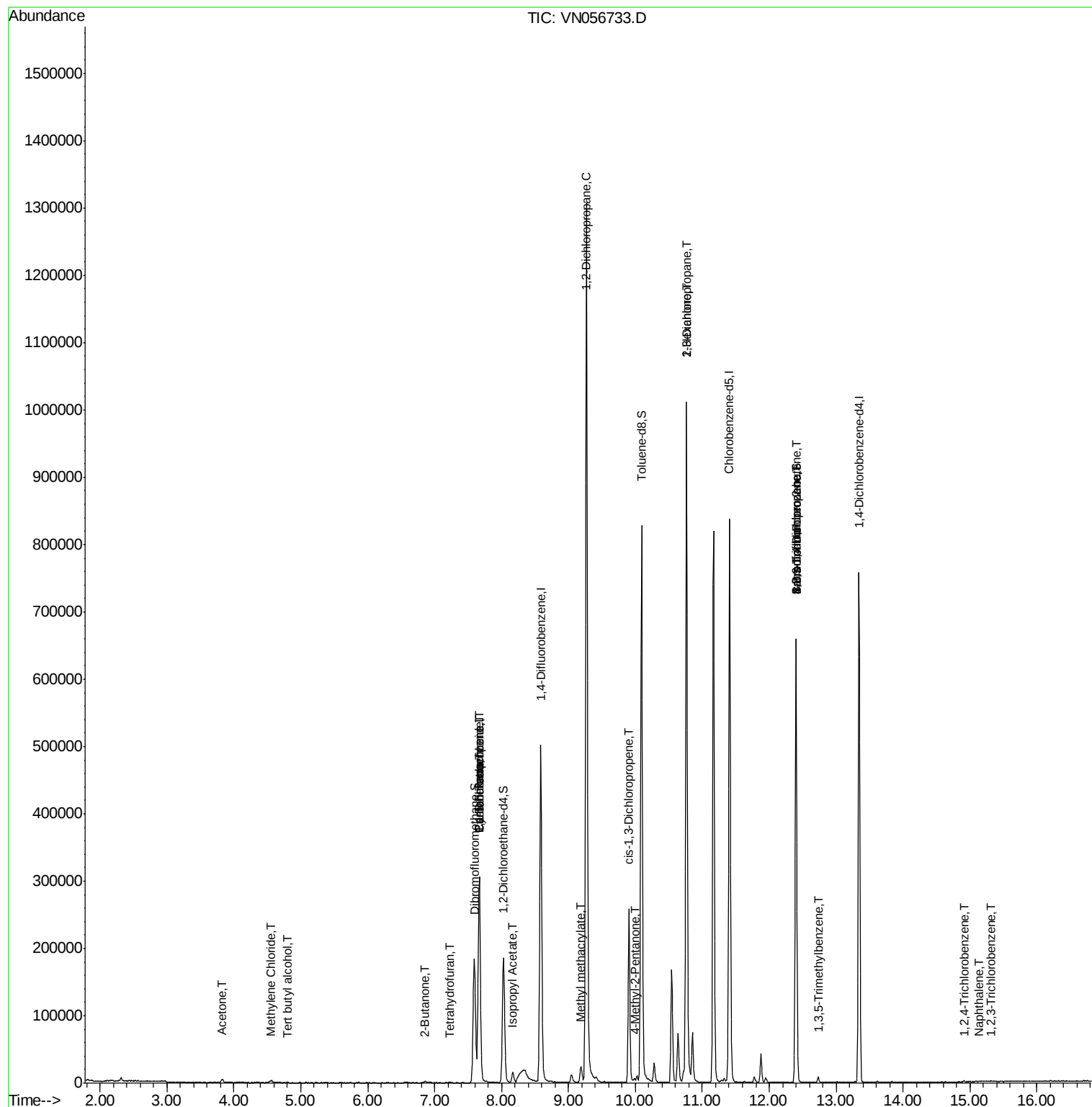
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	285	0.573	ug/l #	73
16) Acetone	3.82	43	8562	6.219	ug/l	97
18) Methyl Acetate	4.33	43	854	Below Cal	#	52
20) Methylene Chloride	4.55	84	1269	0.422	ug/l	93
25) 2-Butanone	6.85	43	4303	2.138	ug/l	98
29) Tetrahydrofuran	7.23	42	822	0.626	ug/l #	38
31) Cyclohexane	7.66	56	4107	0.860	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	18332	4.102	ug/l #	49
38) Carbon Tetrachloride	7.67	117	23523	5.613	ug/l #	16
43) Isopropyl Acetate	8.17	43	18175	2.625	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1849	0.508	ug/l #	45
48) Methyl methacrylate	9.18	41	8770	2.619	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	3153	0.703	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	49299	9.504	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	10811	1.941	ug/l #	42
59) 2-Hexanone	10.76	43	150506	46.772	ug/l #	51
71) Bromoform	12.40	173	1627	0.544	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	108992	23.008	ug/l #	100
79) 2-Chlorotoluene	12.67	91	367	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4464	0.302	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	108992	71.057	ug/l #	13
83) tert-Butylbenzene	13.00	119	331	Below Cal	#	44
93) 1,2,4-Trichlorobenzene	14.91	180	488	3.798	ug/l #	77
94) Hexachlorobutadiene	15.01	225	106	Below Cal	#	57
95) Naphthalene	15.13	128	1707	4.659	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	638	3.465	ug/l #	72

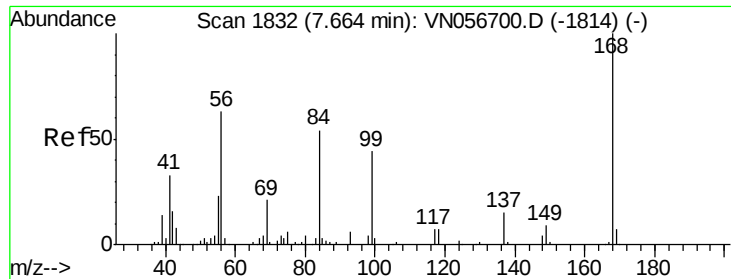
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

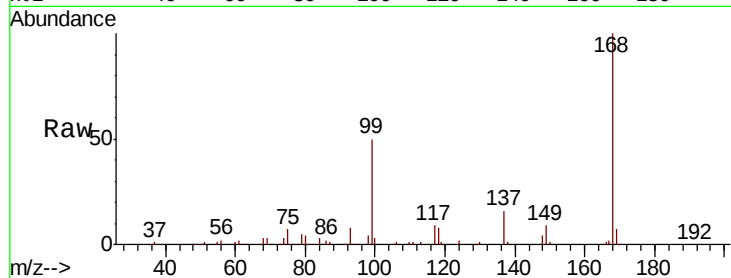
PB121354ZHE#03

Tot Ion:168 Resp: 270092

Ion Ratio Lower Upper

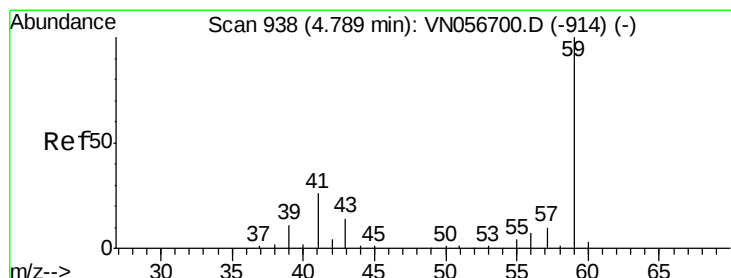
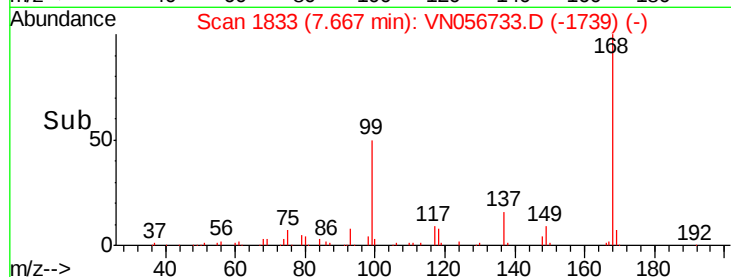
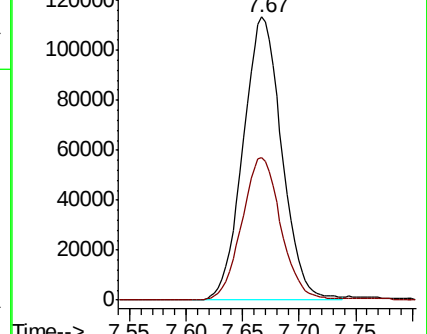
168 100

99 50.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.573 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN056733.D

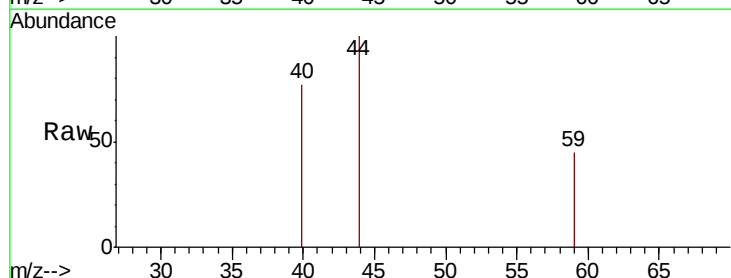
Acq: 16 Jul 2019 00:11

Tgt Ion: 59 Resp: 285

Ion Ratio Lower Upper

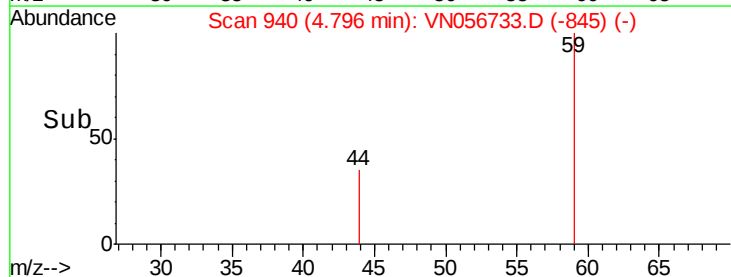
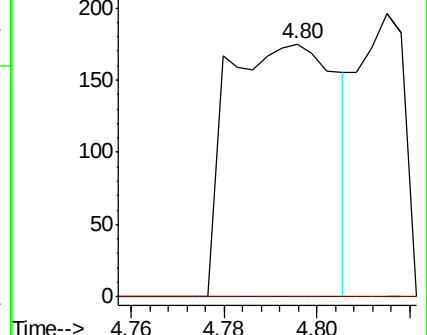
59 100

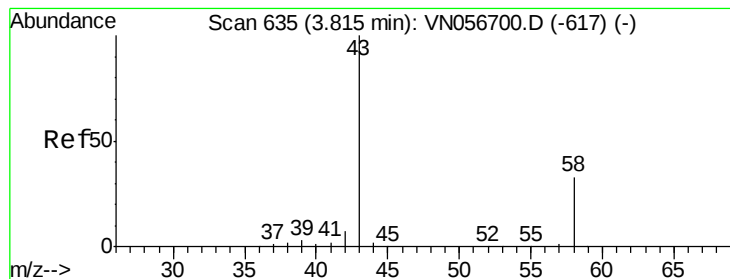
57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 6.219 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

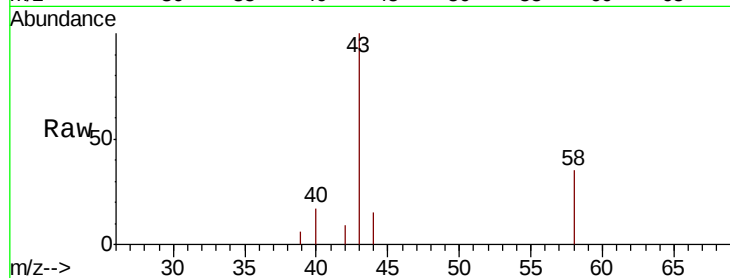
PB121354ZHE#03

Tot Ion: 43 Resp: 8562

Ion Ratio Lower Upper

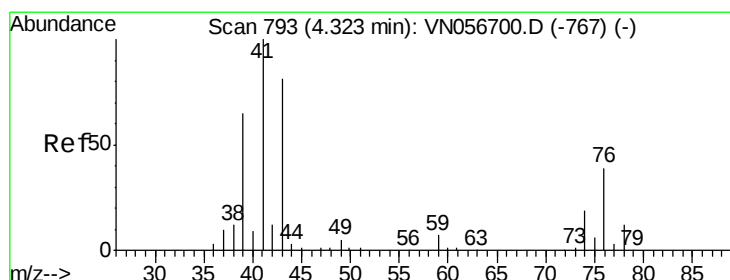
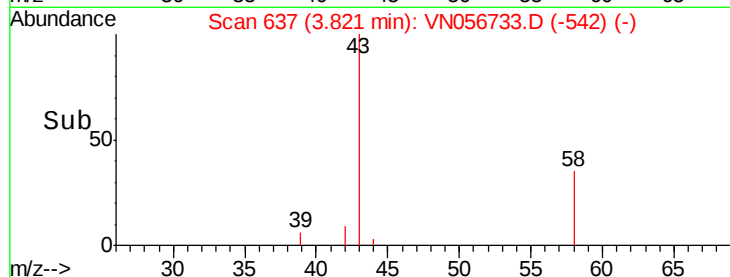
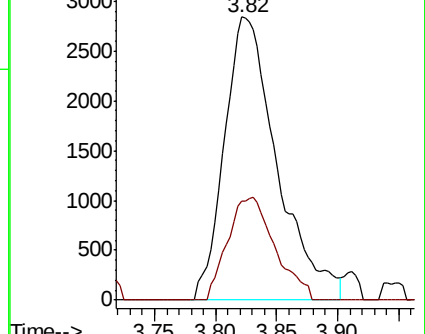
43 100

58 35.1 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: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN056733.D

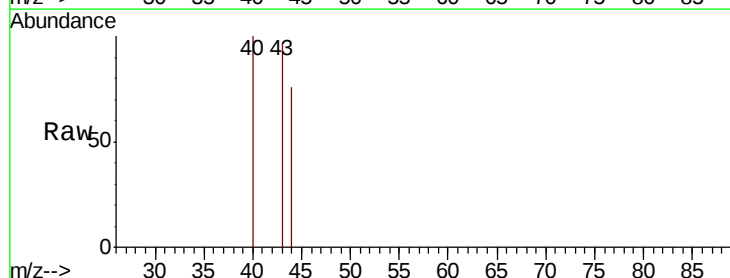
Acq: 16 Jul 2019 00:11

Tgt Ion: 43 Resp: 854

Ion Ratio Lower Upper

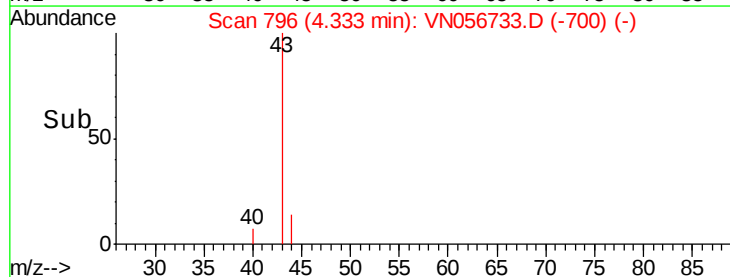
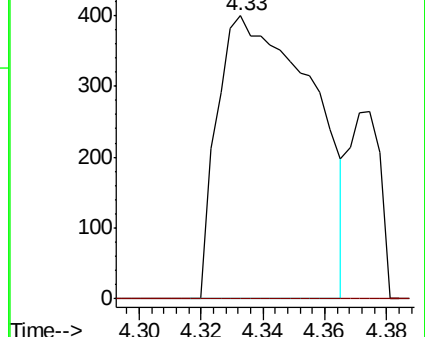
43 100

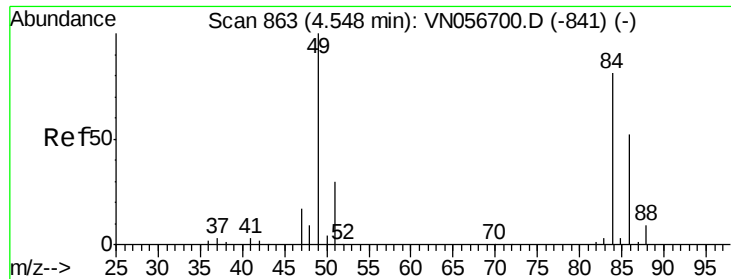
74 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

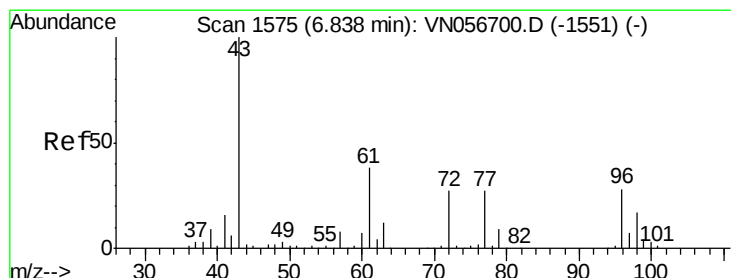
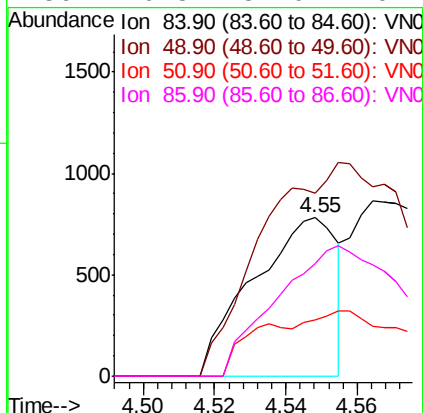
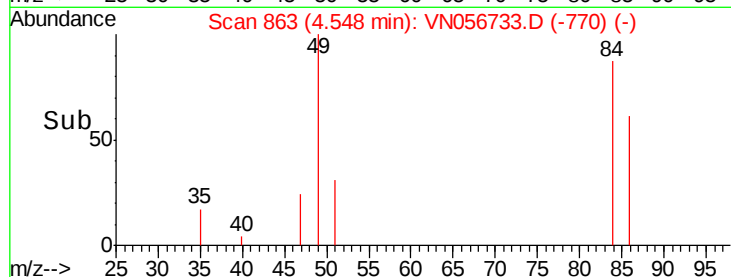
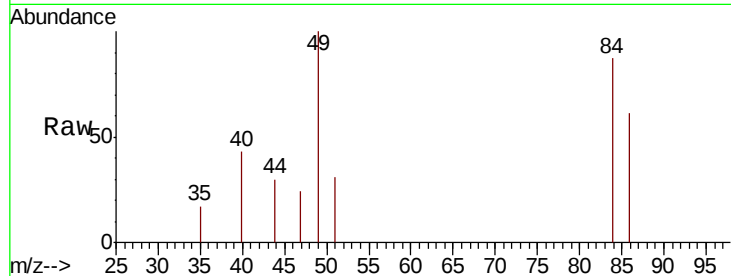




#20
Methvlene Chloride
Concen: 0.422 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

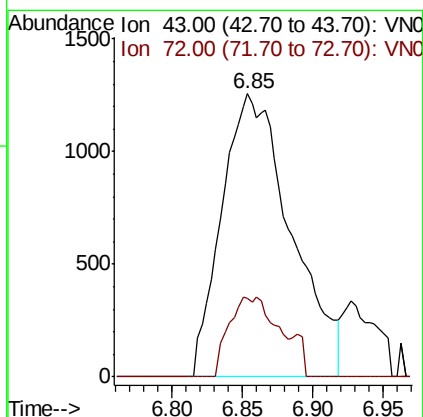
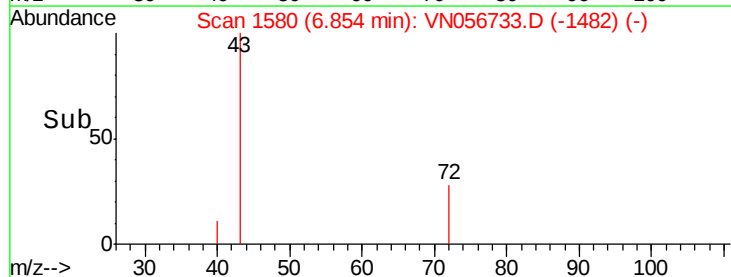
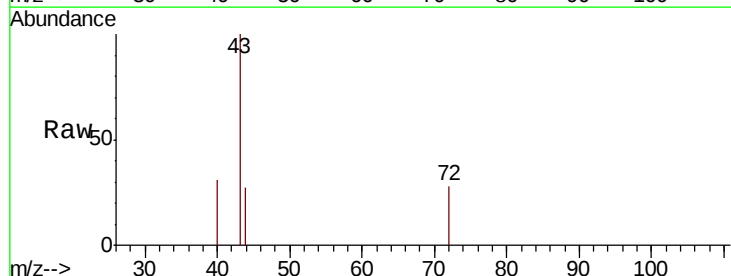
Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#03

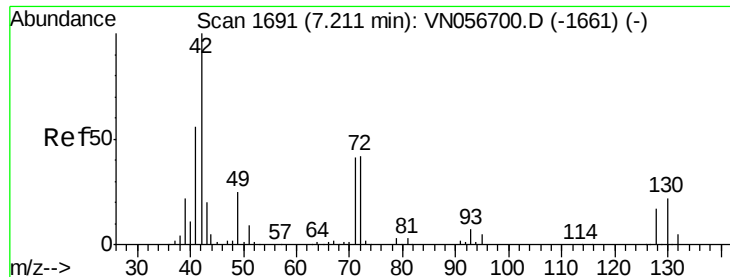
Tot Ion:	84	Resp:	1269
Ion	Ratio	Lower	Upper
84	100		
49	115.3	98.2	147.4
51	35.8	29.6	44.4
86	70.8	51.0	76.4



#25
2-Butanone
Concen: 2.138 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

Tgt Ion:	43	Resp:	4303
Ion	Ratio	Lower	Upper
43	100		
72	27.6	21.2	31.8

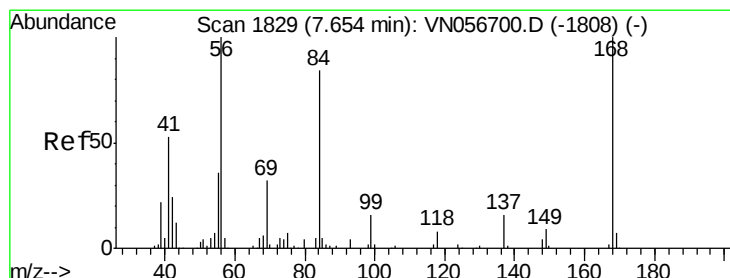
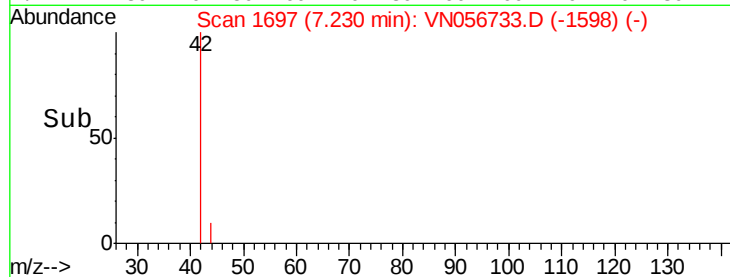
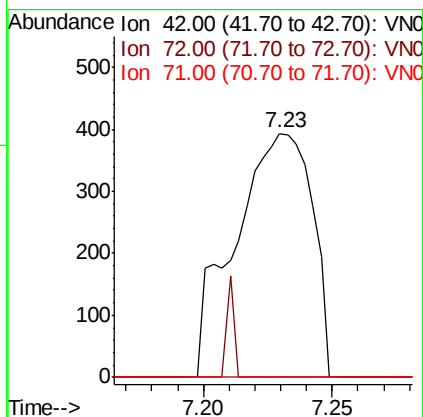
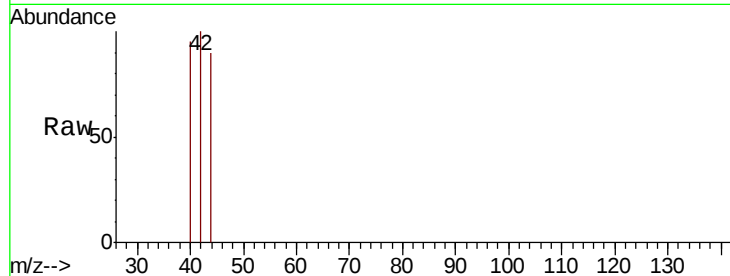




#29
Tetrahydrofuran
Concen: 0.626 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

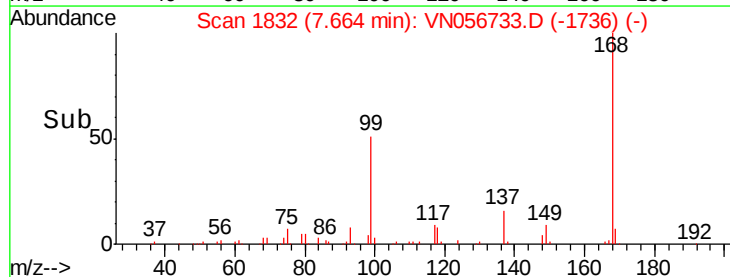
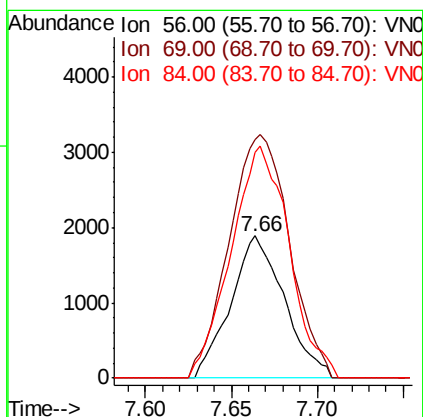
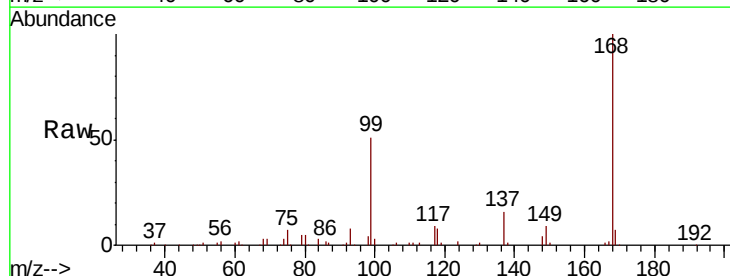
Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#03

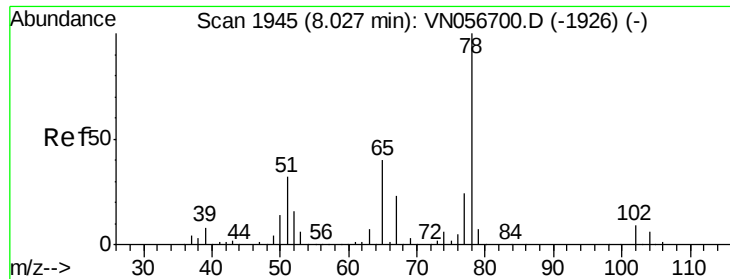
Tot Ion: 42 Resp: 822
Ion Ratio Lower Upper
42 100
72 3.8 33.5 50.3#
71 0.0 31.8 47.8#



#31
Cyclohexane
Concen: 0.860 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

Tgt Ion: 56 Resp: 4107
Ion Ratio Lower Upper
56 100
69 168.2 25.8 38.8#
84 159.0 67.4 101.0#

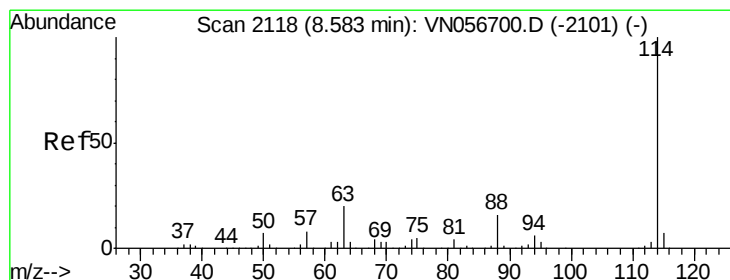
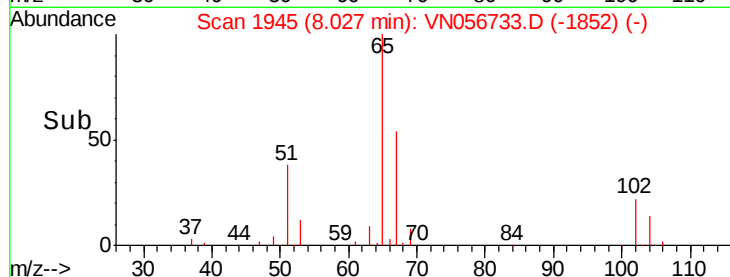
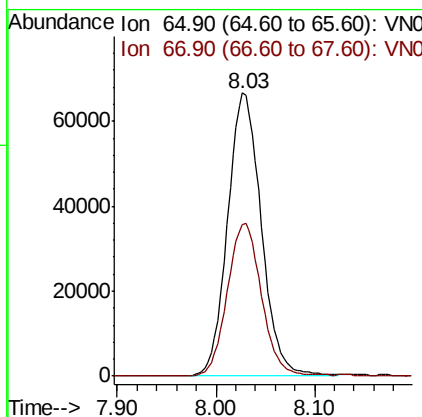
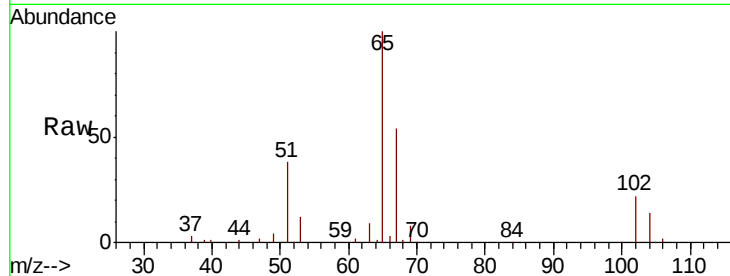




#33
 1,2-Dichloroethane-d4
 Concen: 53.221 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

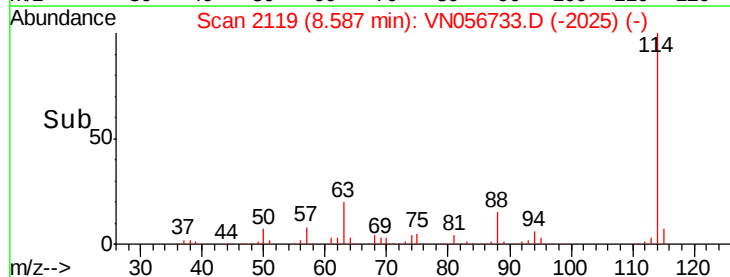
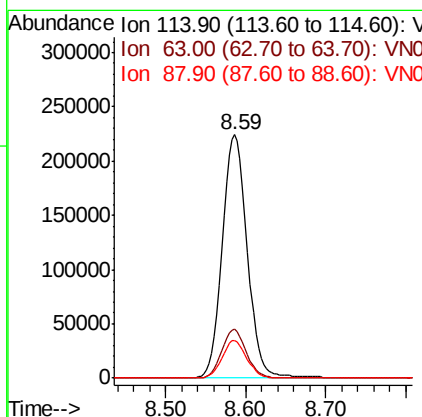
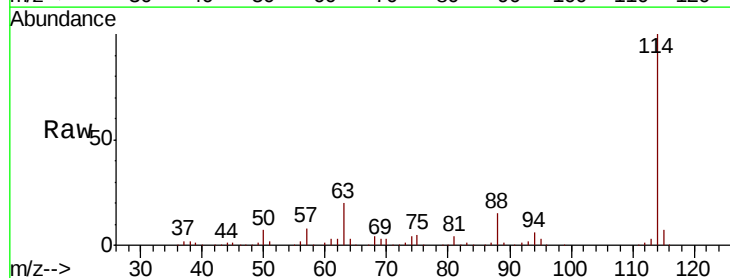
Instrument :
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 PB121354ZHE#03

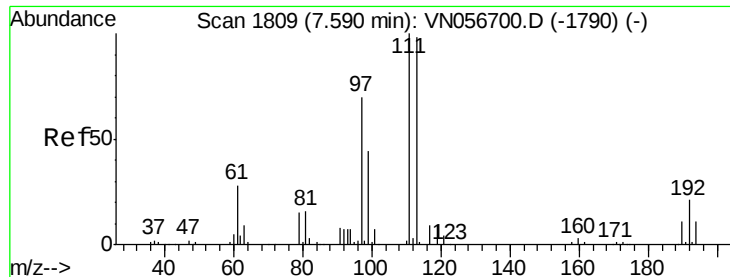
Tot Ion: 65 Resp: 159001
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Tgt Ion: 114 Resp: 482922
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.4
 88 15.4 0.0 31.2

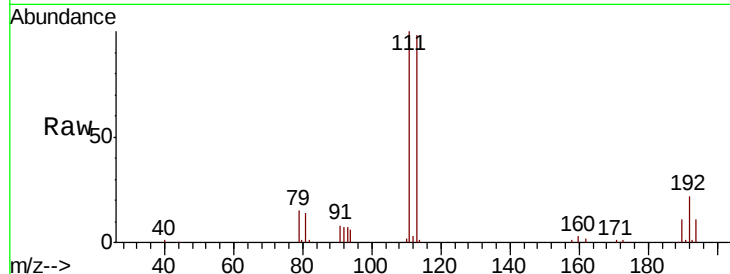




#35
 Dibromofluoromethane
 Concen: 48.228 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	22.0	17.5	26.3

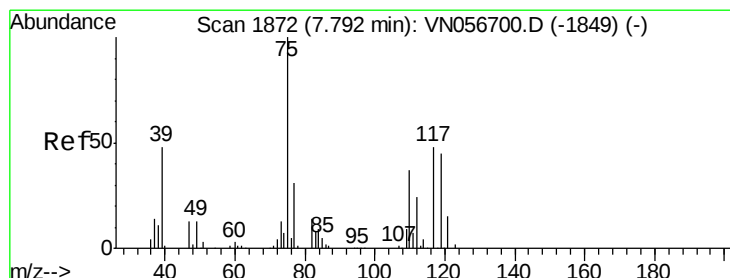
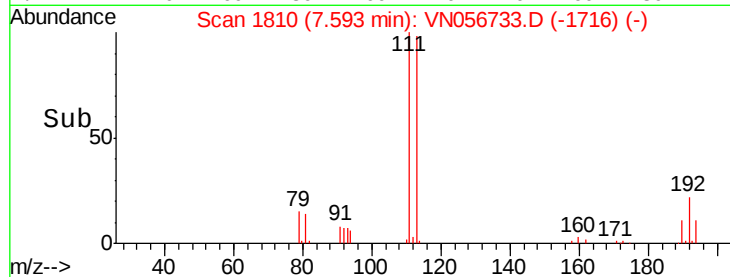
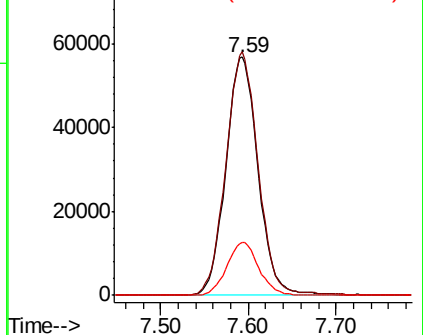


Abundance

Ion 112.80 (112.50 to 113.50): V

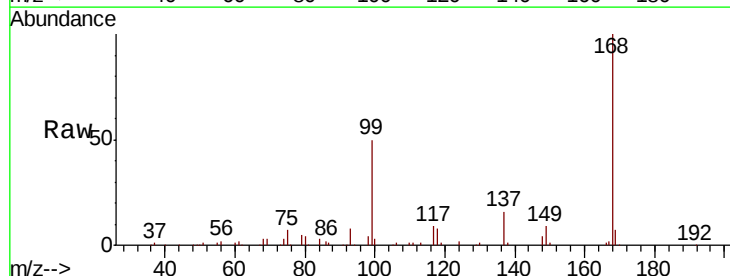
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.102 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.4	55.4#
77	0.0	24.6	36.8#

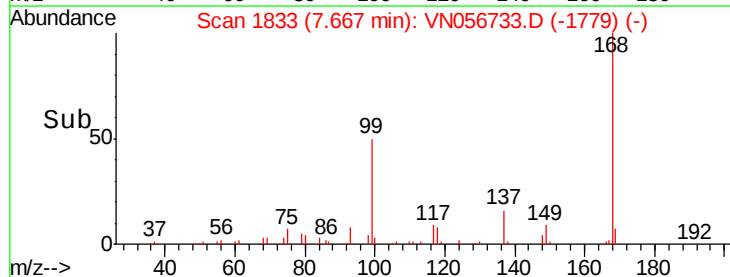
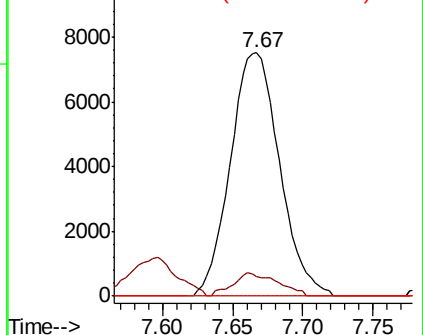


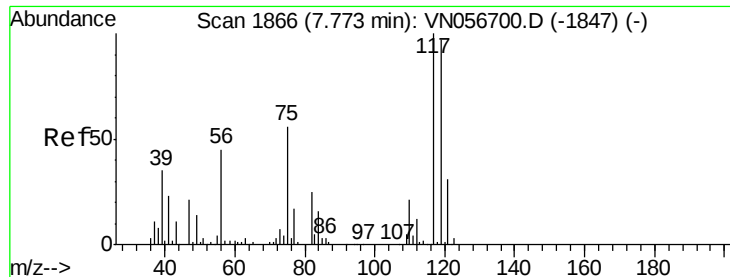
Abundance

Ion 74.90 (74.60 to 75.60): VNO

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.613 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#03

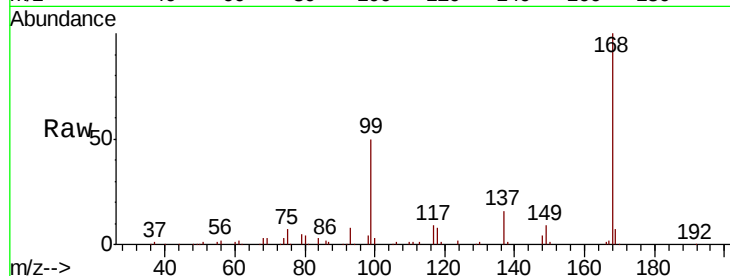
Tot Ion:117 Resp: 23523

Ion Ratio Lower Upper

117 100

119 5.7 77.5 116.3#

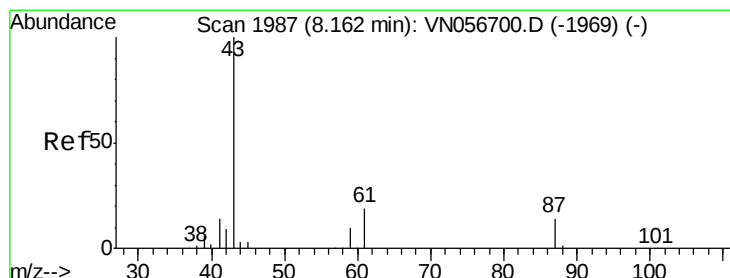
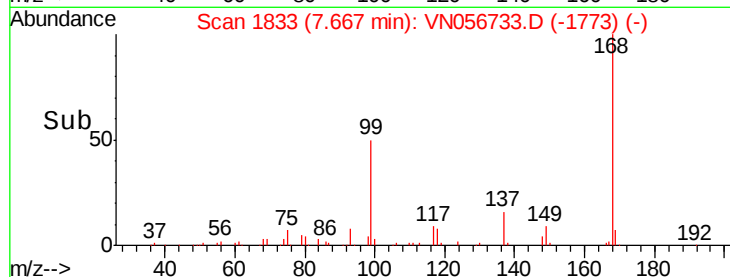
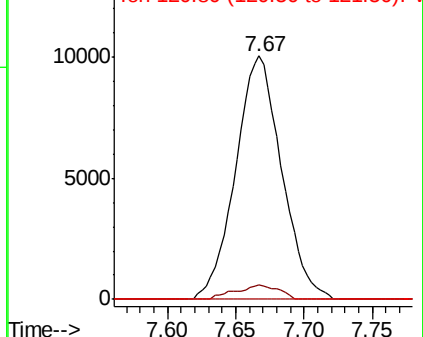
121 0.0 24.7 37.1#



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: 2.625 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

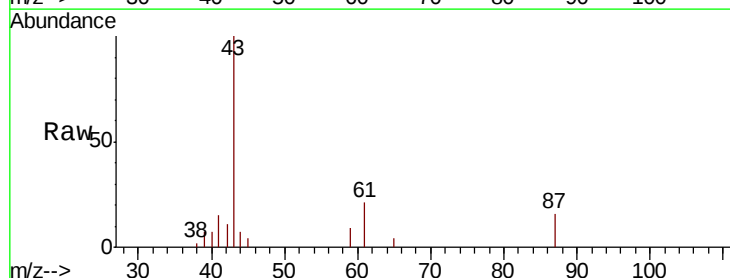
Tgt Ion: 43 Resp: 18175

Ion Ratio Lower Upper

43 100

61 21.2 22.3 33.5#

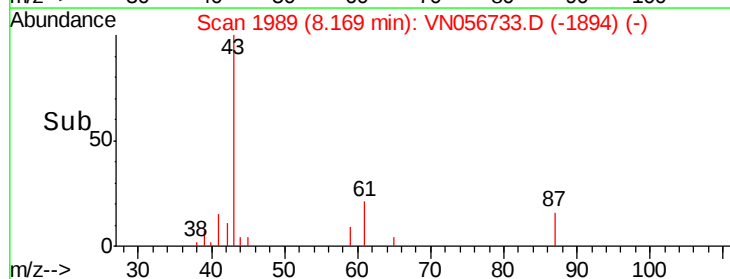
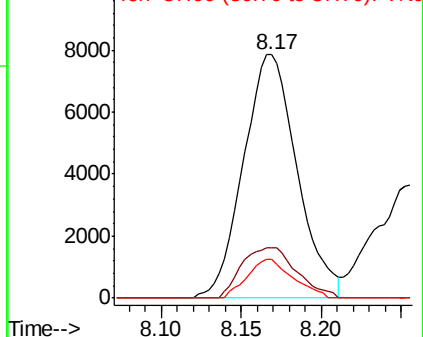
87 13.5 11.1 16.7

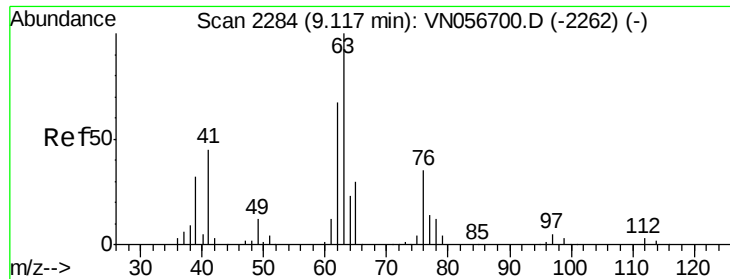


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.508 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

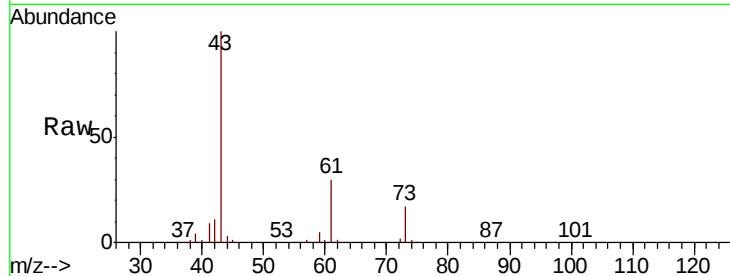
PB121354ZHE#03

Tot Ion: 63 Resp: 1849

Ion Ratio Lower Upper

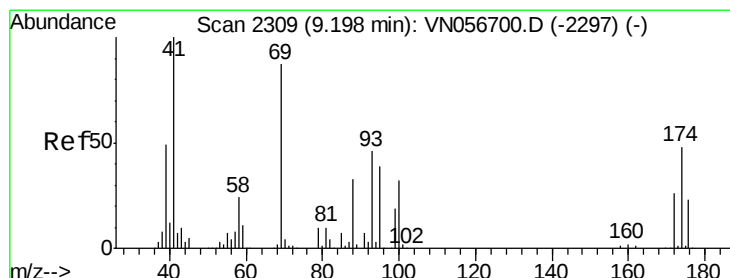
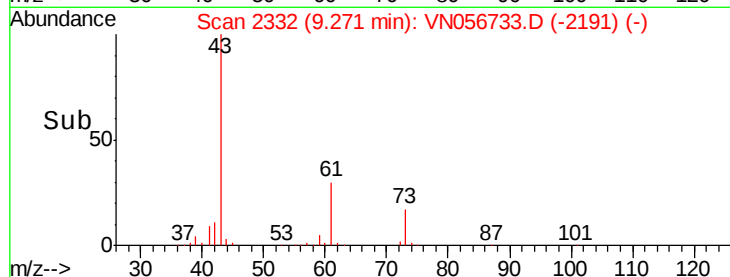
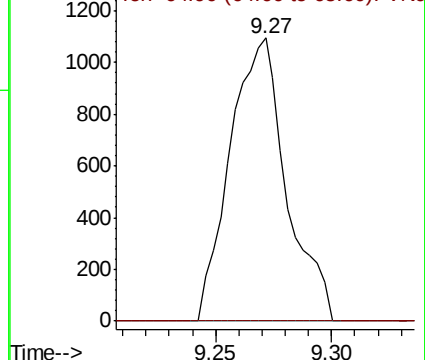
63 100

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: 2.619 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.01 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

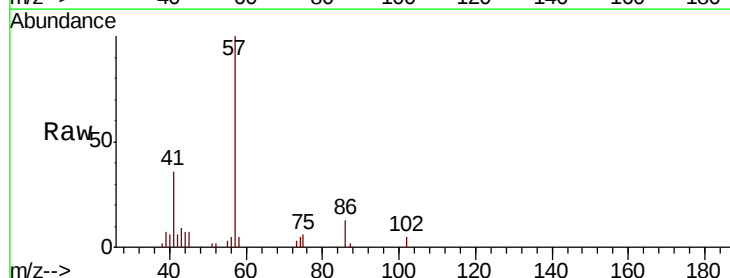
Tgt Ion: 41 Resp: 8770

Ion Ratio Lower Upper

41 100

69 0.0 71.4 107.0#

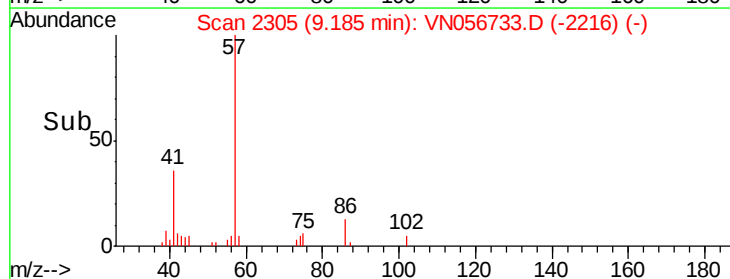
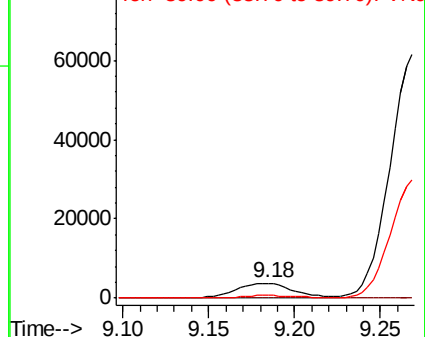
39 0.0 41.2 61.8#

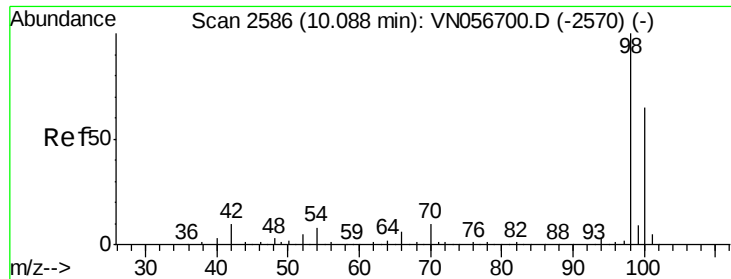


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.953 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

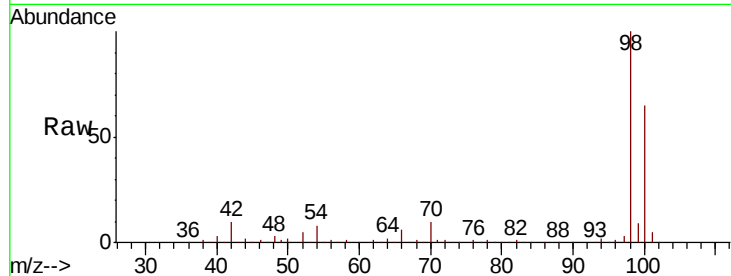
PB121354ZHE#03

Tot Ion: 98 Resp: 614642

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D

Ion 100.00 (99.70 to 100.70): VN056700.D

10.09

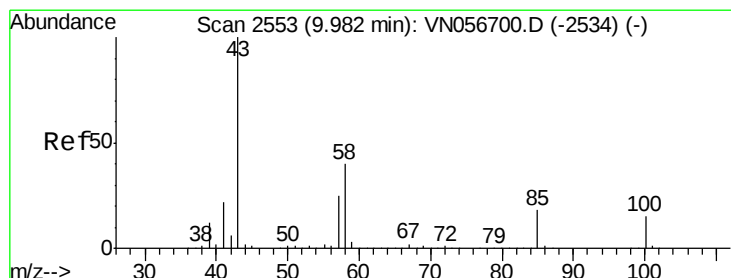
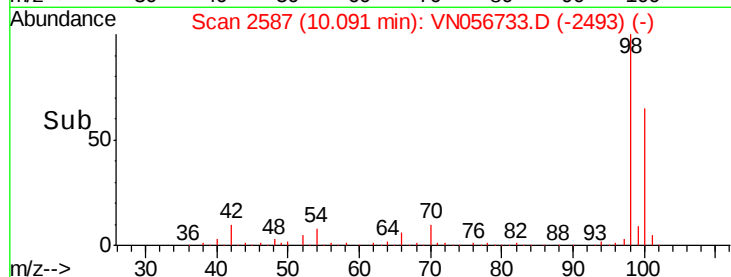
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.703 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN056733.D

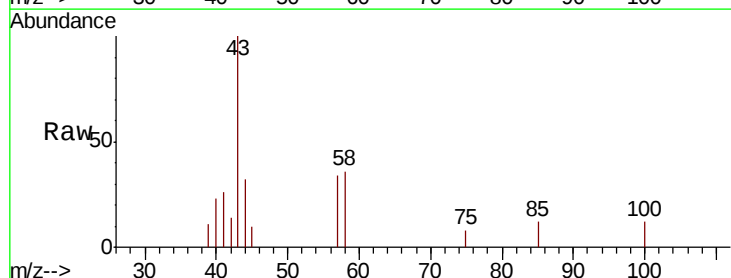
Acq: 16 Jul 2019 00:11

Tgt Ion: 43 Resp: 3153

Ion Ratio Lower Upper

43 100

58 42.3 32.0 48.0



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

Ion 58.00 (57.70 to 58.70): VN056700.D

9.99

4000

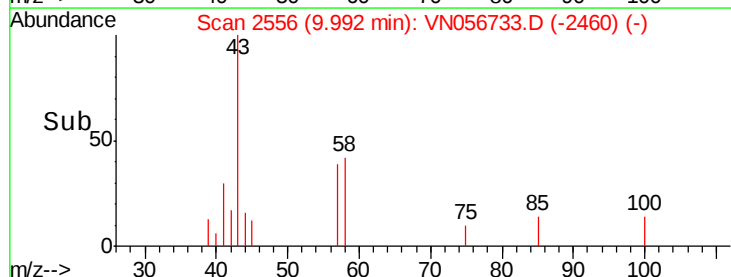
3000

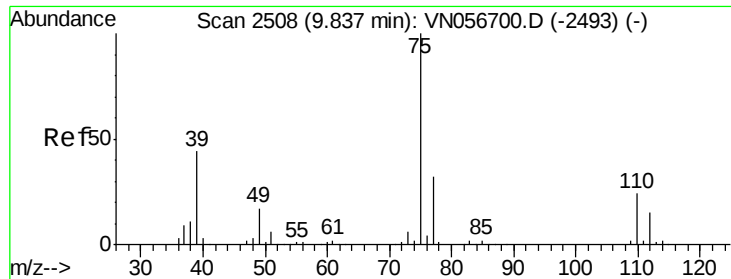
2000

1000

0

Time-->



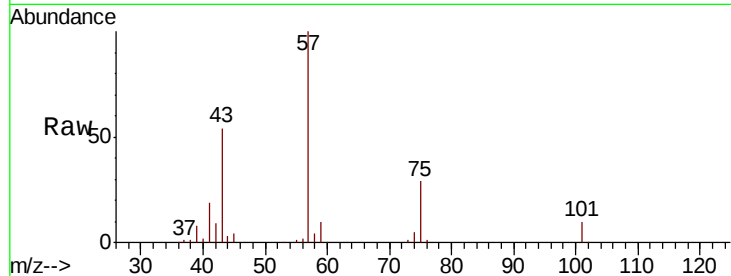


#54

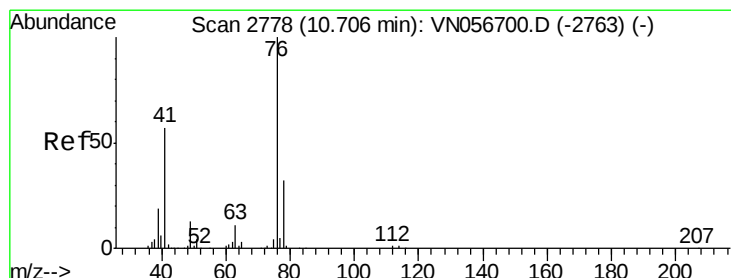
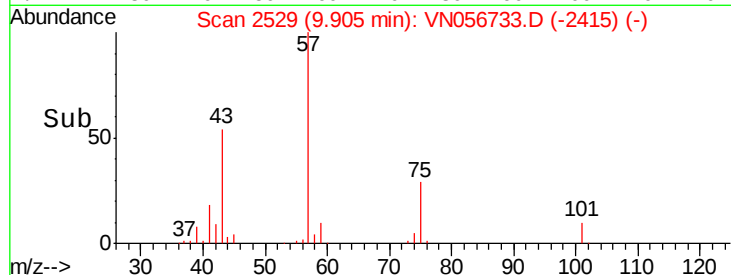
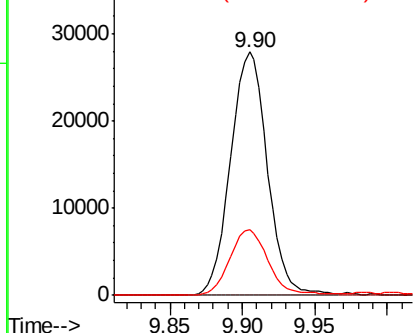
cis-1,3-Dichloropropene
 Concen: 9.504 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.0	39.0#
39	27.0	35.1	52.7#



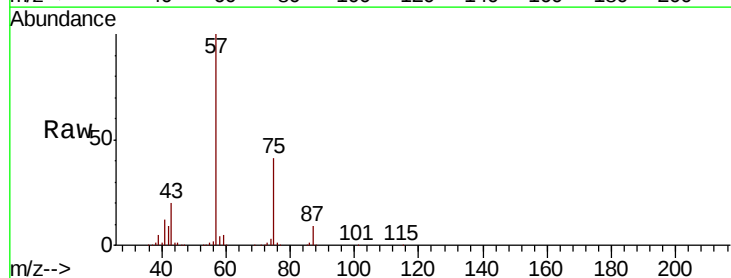
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



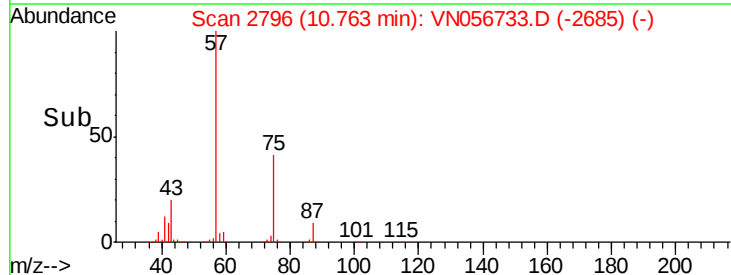
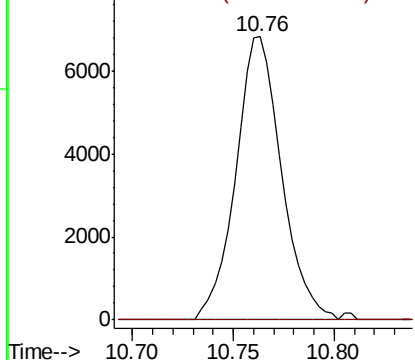
#57

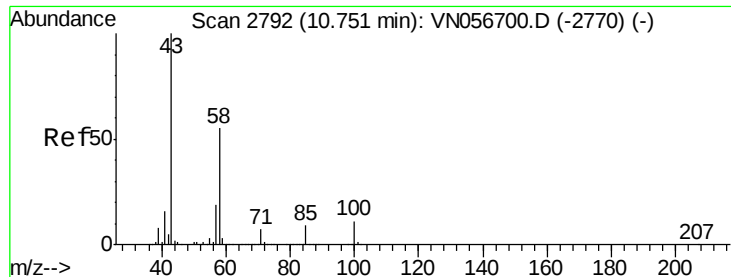
1,3-Dichloropropane
 Concen: 1.941 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Tgt 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

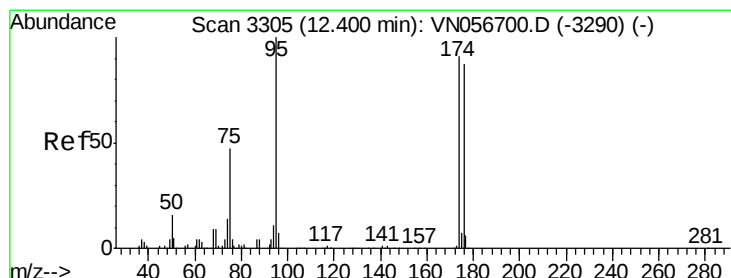
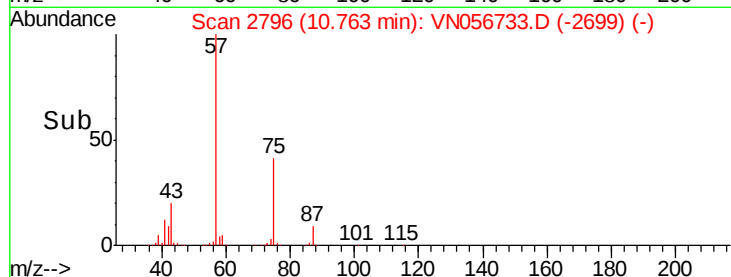
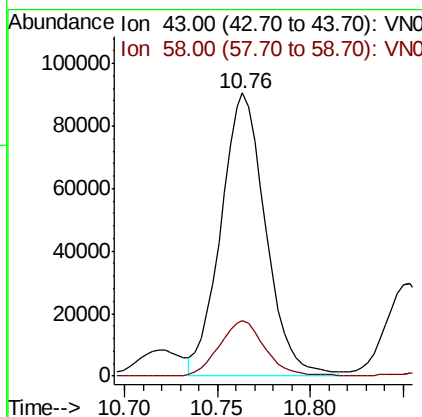
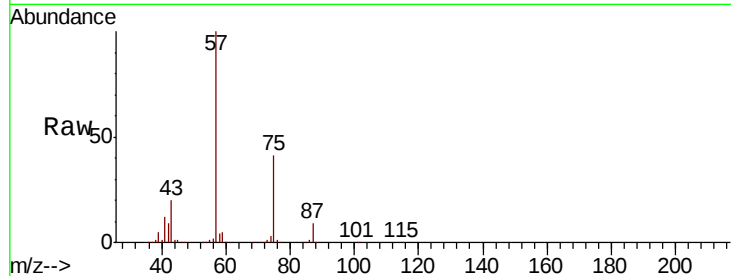




#59
 2-Hexanone
 Concen: 46.772 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

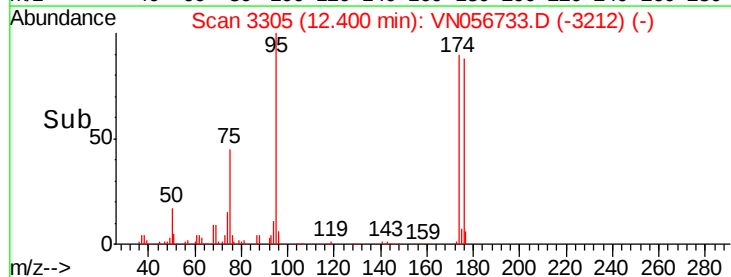
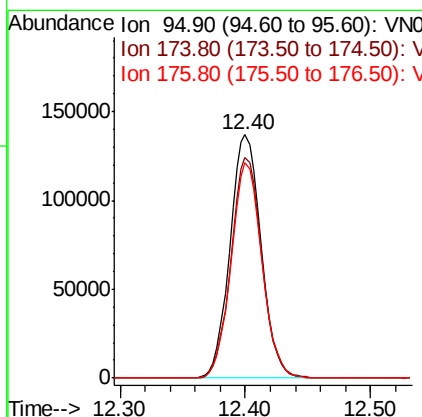
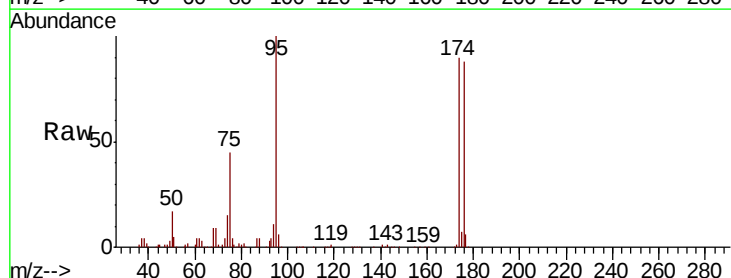
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

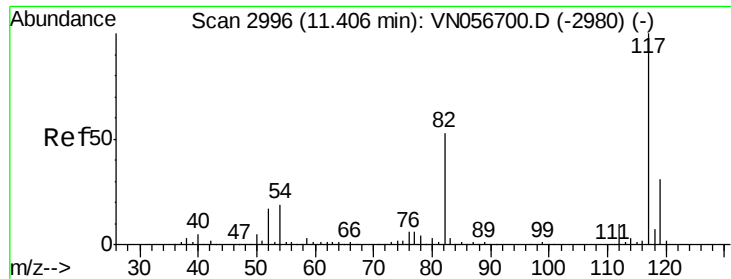
Tot Ion: 43 Resp: 150506
 Ion Ratio Lower Upper
 43 100
 58 20.3 27.9 83.6#



#62
 4-Bromofluorobenzene
 Concen: 60.199 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Tgt Ion: 95 Resp: 235641
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 180.0
 176 87.6 0.0 173.2

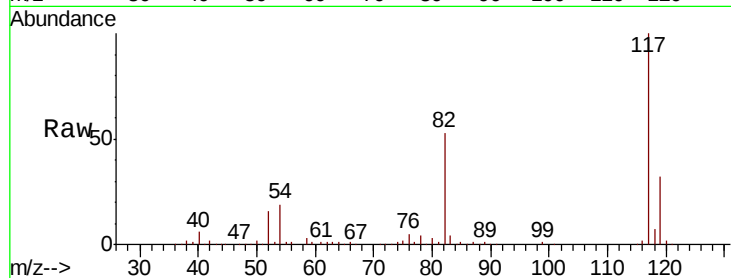




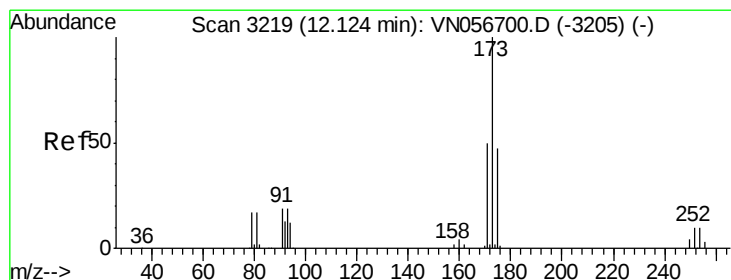
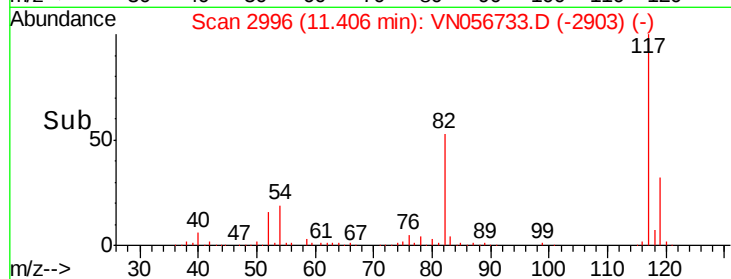
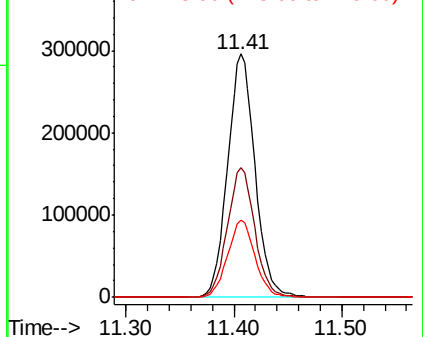
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#03

Tot Ion:117 Resp: 522557
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 31.8 25.2 37.8

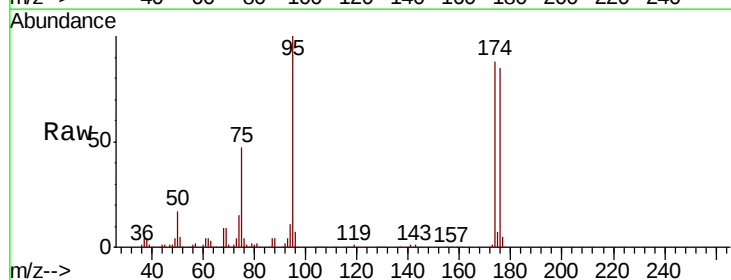


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

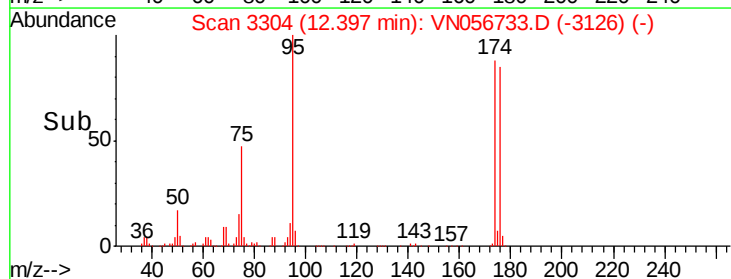
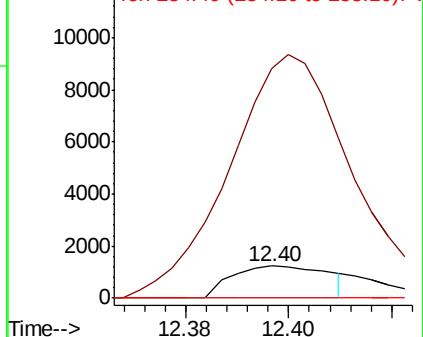


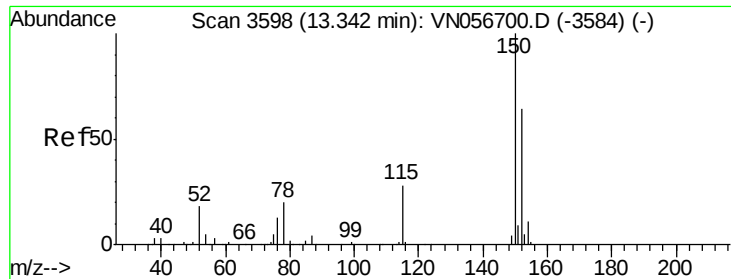
#71
Bromoform
Concen: 0.544 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056733.D
Acq: 16 Jul 2019 00:11

Tgt Ion:173 Resp: 1627
Ion Ratio Lower Upper
173 100
175 779.2 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: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#03

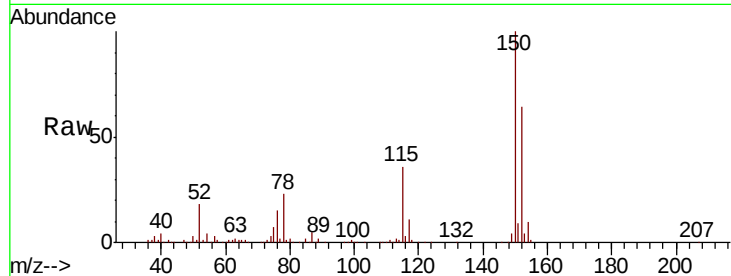
Tot Ion:152 Resp: 216587

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

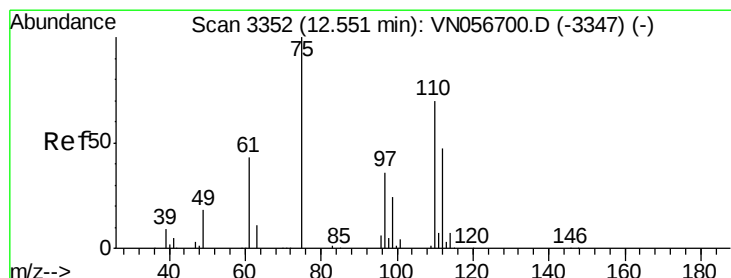
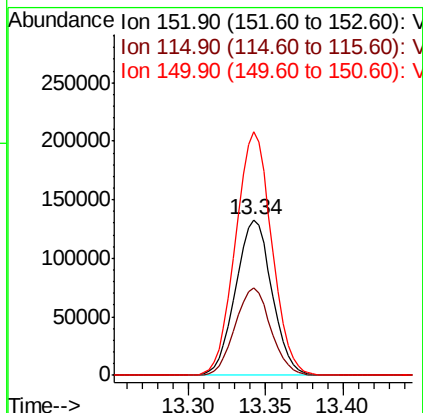
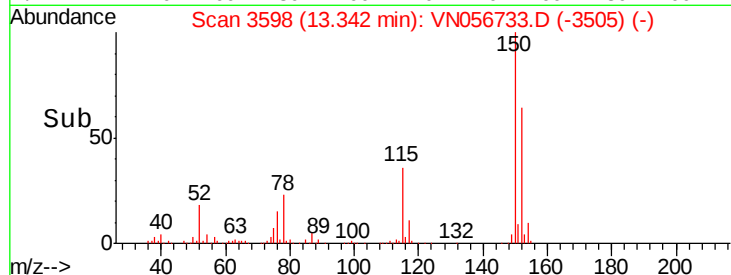
150 156.2 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.008 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN056733.D

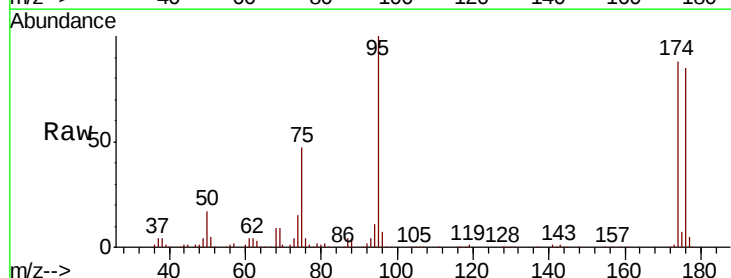
Acq: 16 Jul 2019 00:11

Tgt Ion: 75 Resp: 108992

Ion Ratio Lower Upper

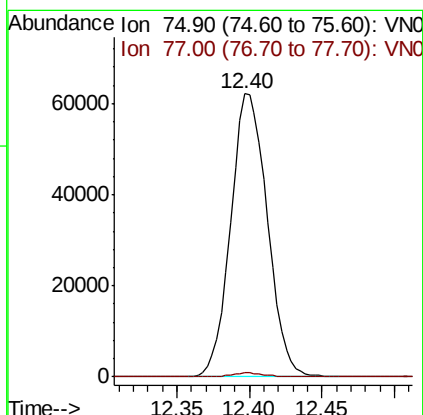
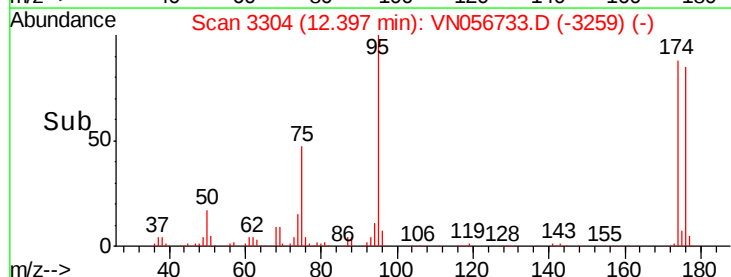
75 100

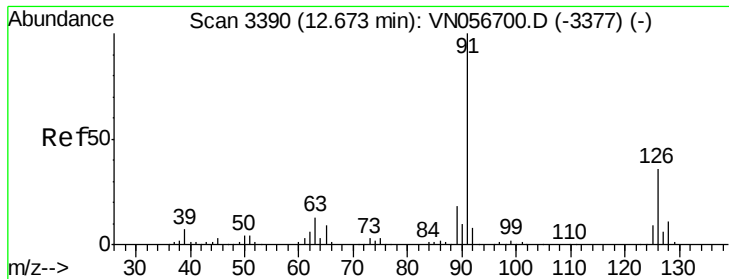
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

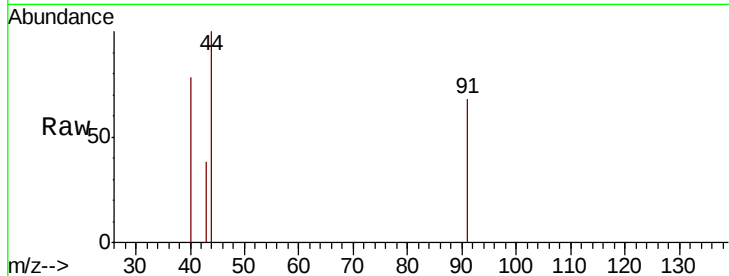
PB121354ZHE#03

Tot Ion: 91 Resp: 367

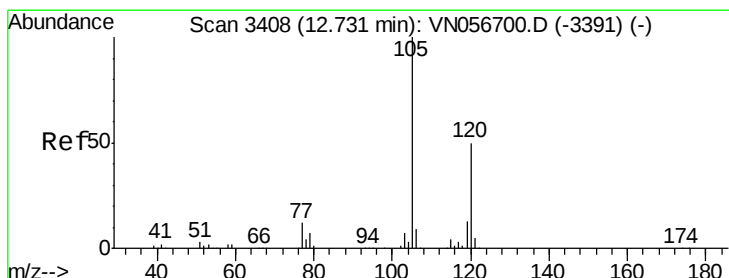
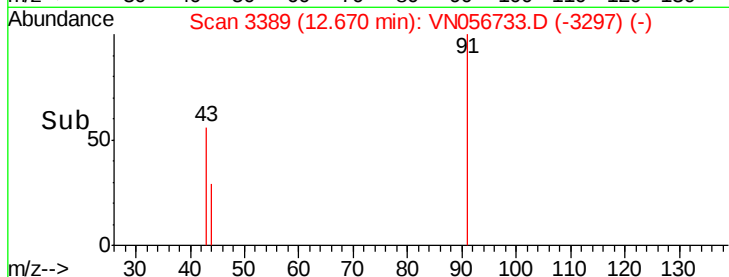
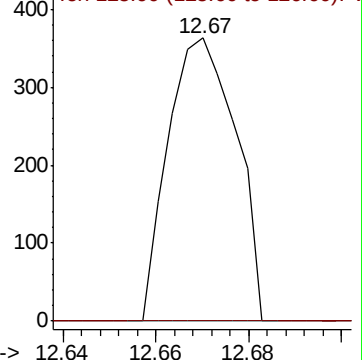
Ion Ratio Lower Upper

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: 0.302 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056733.D

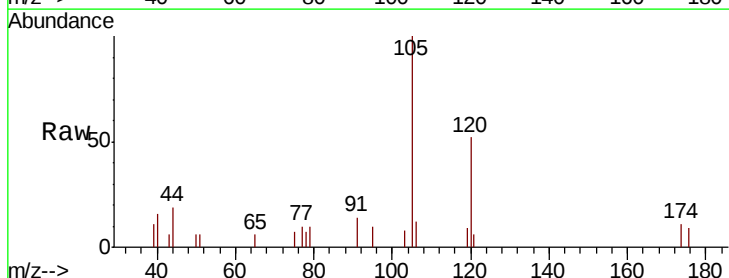
Acq: 16 Jul 2019 00:11

Tgt Ion: 105 Resp: 4464

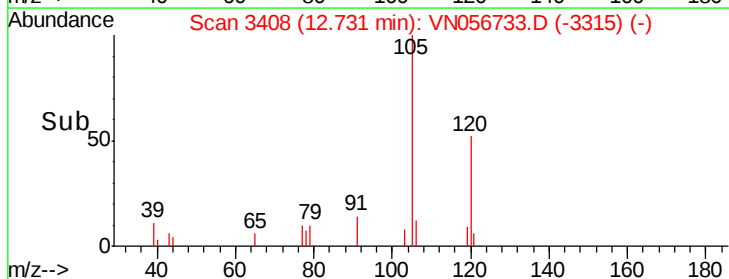
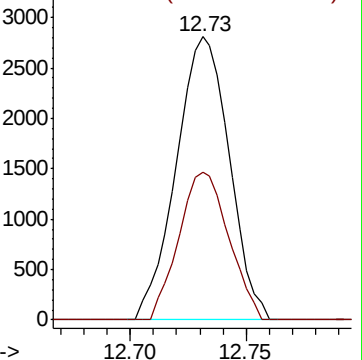
Ion Ratio Lower Upper

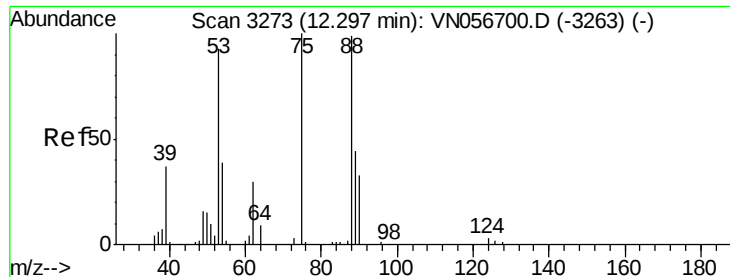
105 100

120 49.2 24.8 74.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 71.057 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#03

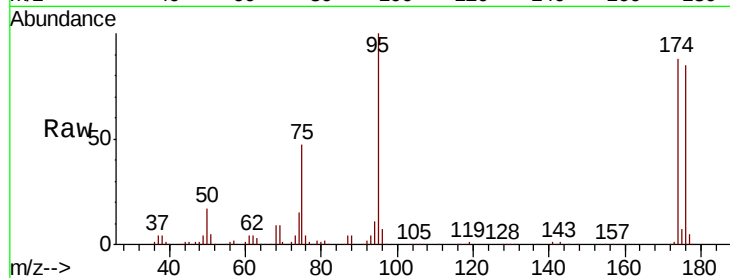
Tot Ion: 75 Resp: 108992

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

89 0.0 36.2 54.2#

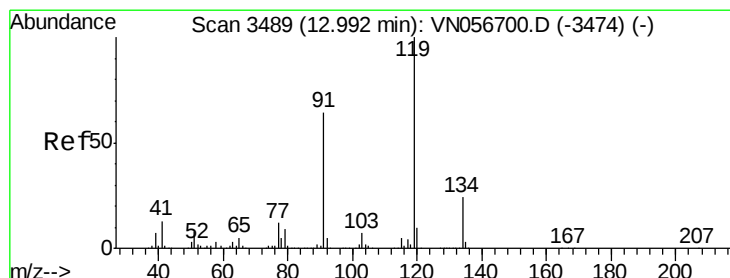
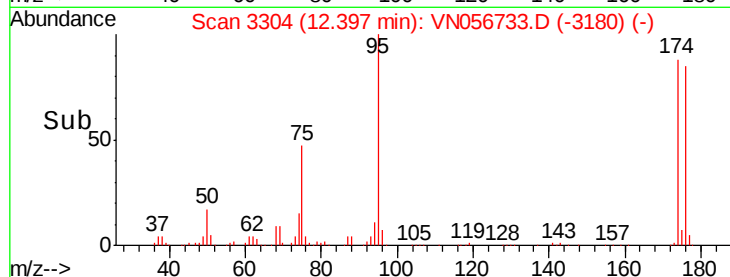
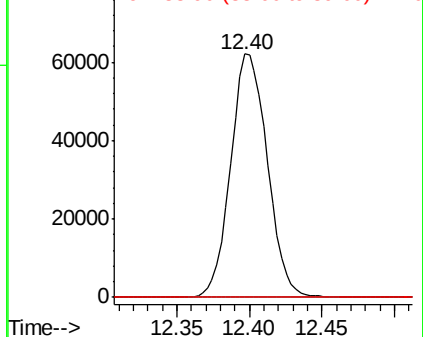


Abundance

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: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

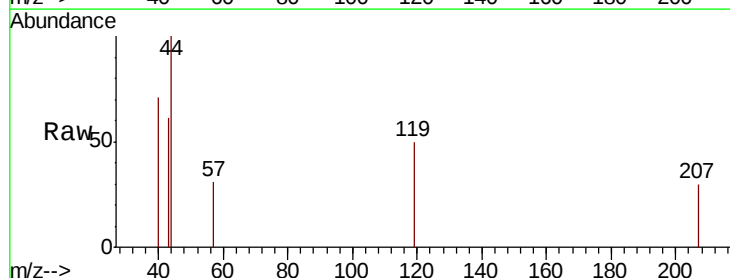
Tgt Ion: 119 Resp: 331

Ion Ratio Lower Upper

119 100

91 18.4 31.8 95.4#

134 0.0 13.0 38.9#

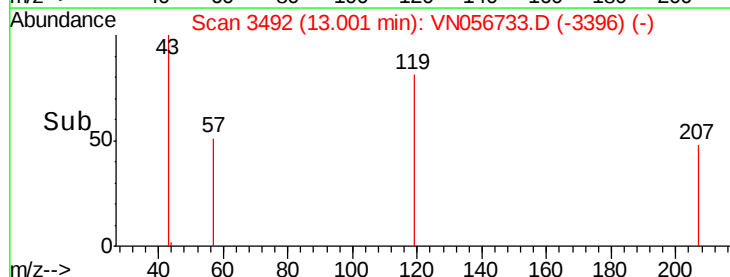
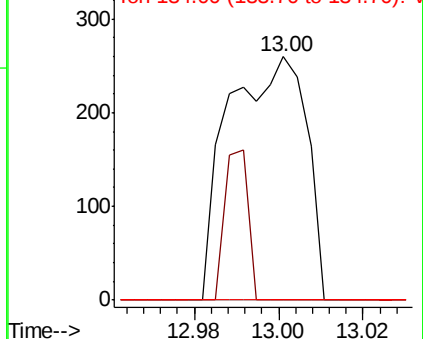


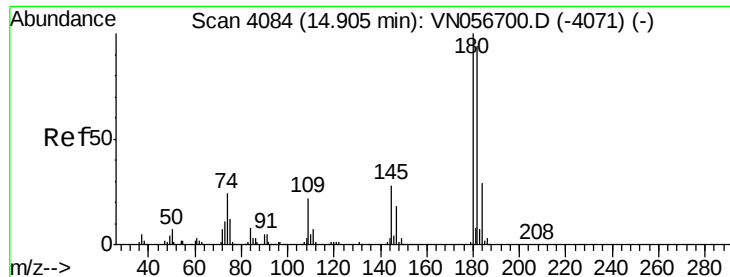
Abundance

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

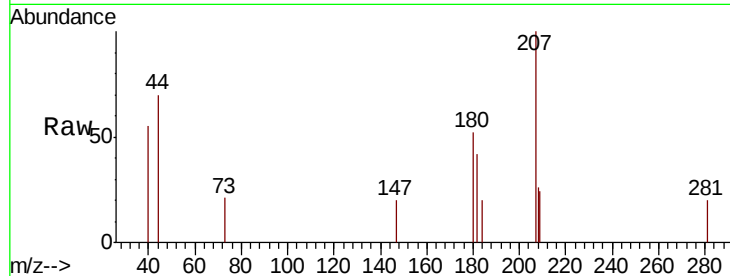




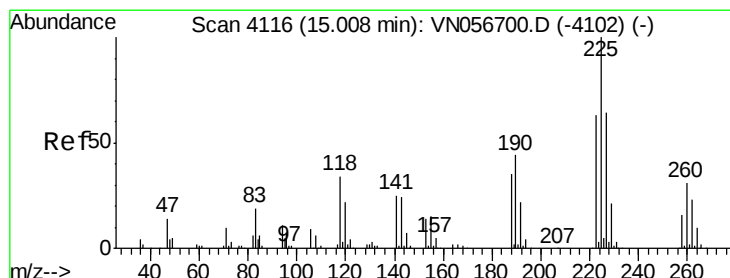
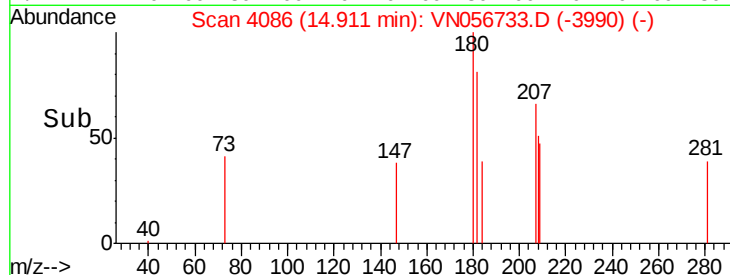
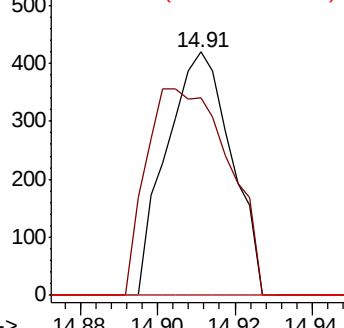
#93
 1,2,4-Trichlorobenzene
 Concen: 3.798 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#03

Tot Ion:180 Resp: 488
 Ion Ratio Lower Upper
 180 100
 182 108.2 47.2 141.6
 145 0.0 14.2 42.8#

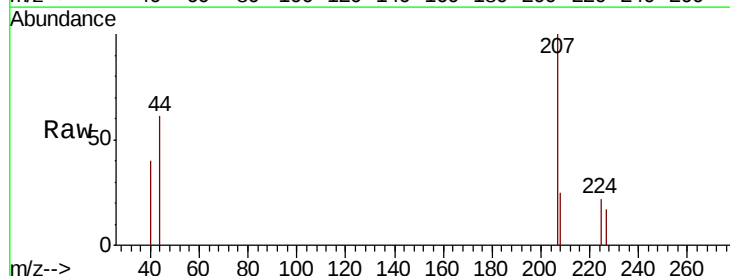


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

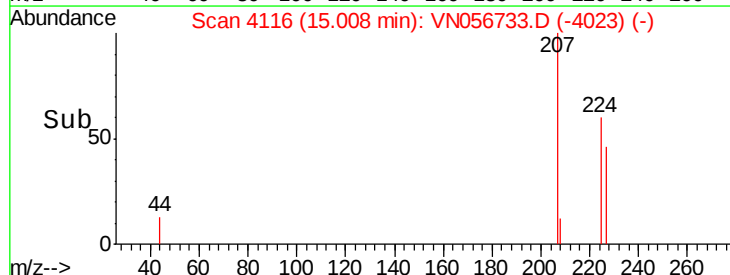
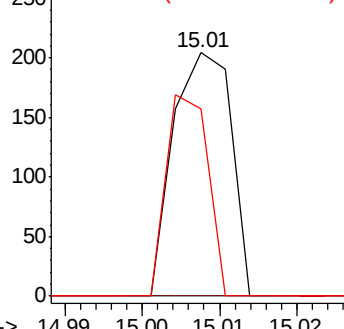


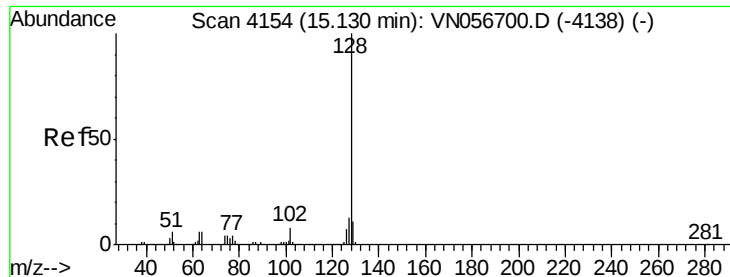
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056733.D
 Acq: 16 Jul 2019 00:11

Tgt Ion:225 Resp: 106
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.5 94.5#
 227 59.4 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: 4.659 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#03

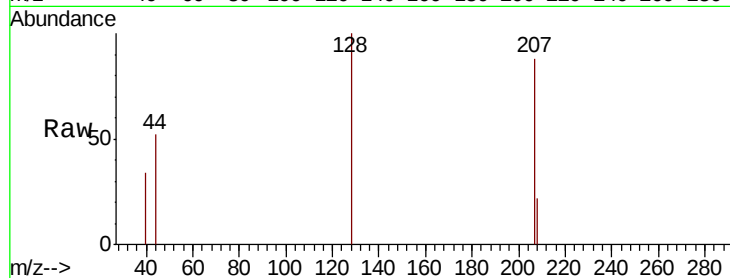
Tot Ion:128 Resp: 1707

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

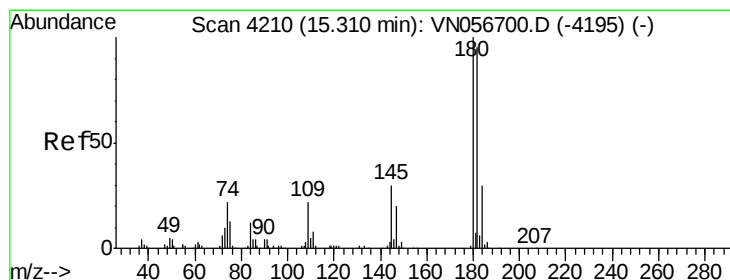
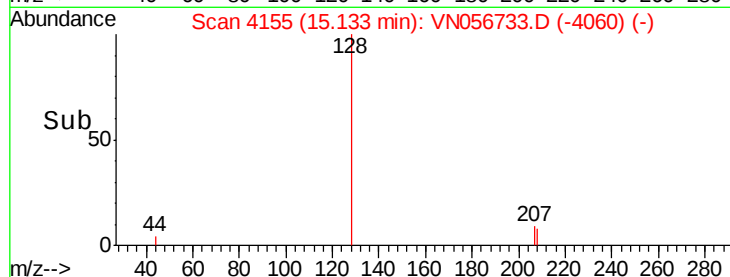
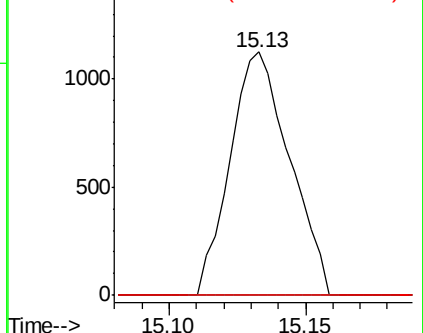
129 0.0 8.7 13.1#



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: 3.465 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.01 min

Lab File: VN056733.D

Acq: 16 Jul 2019 00:11

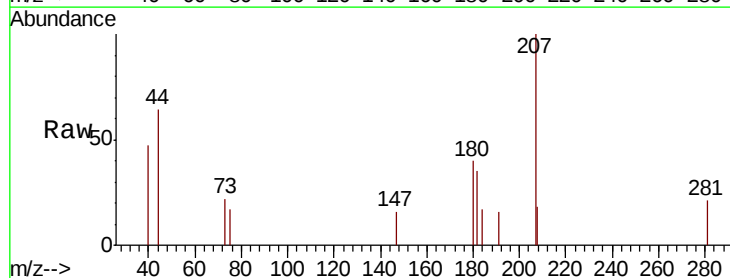
Tgt Ion:180 Resp: 638

Ion Ratio Lower Upper

180 100

182 115.0 47.1 141.3

145 4.7 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

