

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056732.D
 Acq On : 15 Jul 2019 23:48
 Operator : JC/SP
 Sample : PB121354ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

Quant Time: Jul 16 04:27:52 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	269904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	476222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	157541	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	7.59	113	142327	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	10.09	98	609925	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.40	95	227305	58.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.78%	

Target Compounds

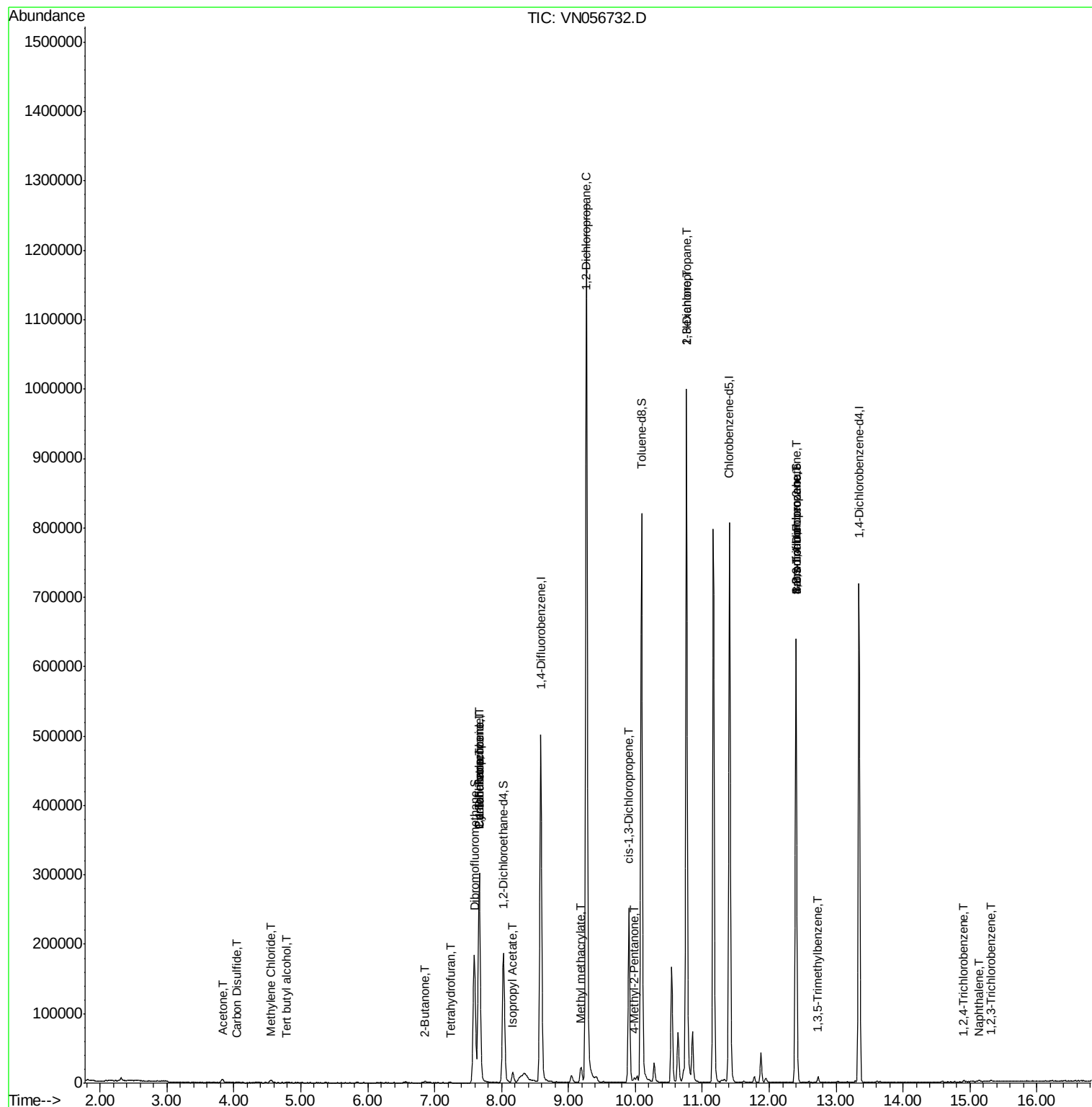
						Qvalue
11) Tert butyl alcohol	4.79	59	132	0.266	ug/l #	73
16) Acetone	3.82	43	8534	6.203	ug/l #	84
17) Carbon Disulfide	4.05	76	1503	0.224	ug/l #	75
18) Methyl Acetate	4.33	43	1377	Below Cal	#	52
20) Methylene Chloride	4.55	84	1961	0.652	ug/l #	83
25) 2-Butanone	6.86	43	4503	2.239	ug/l	98
29) Tetrahydrofuran	7.23	42	629	0.479	ug/l #	43
31) Cyclohexane	7.67	56	4279	0.897	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	17255	3.916	ug/l #	49
38) Carbon Tetrachloride	7.67	117	23576	5.705	ug/l #	16
43) Isopropyl Acetate	8.17	43	17497	2.563	ug/l #	92
45) 1,2-Dichloropropane	9.27	63	1508	0.420	ug/l #	45
48) Methyl methacrylate	9.18	41	8295	2.512	ug/l #	13
51) 4-Methyl-2-Pentanone	9.99	43	3912	0.885	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	48488	9.479	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	10969	1.997	ug/l #	42
59) 2-Hexanone	10.76	43	148062	46.660	ug/l #	51
71) Bromoform	12.40	173	1786	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	107103	23.576	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1254	Below Cal		85
80) 1,3,5-Trimethylbenzene	12.73	105	4875	0.343	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	107103	72.811	ug/l #	13
83) tert-Butylbenzene	12.99	119	382	Below Cal	#	69
93) 1,2,4-Trichlorobenzene	14.91	180	1052	3.932	ug/l	93
94) Hexachlorobutadiene	15.01	225	345	Below Cal		71
95) Naphthalene	15.14	128	2860	4.759	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.31	180	1122	3.583	ug/l	92

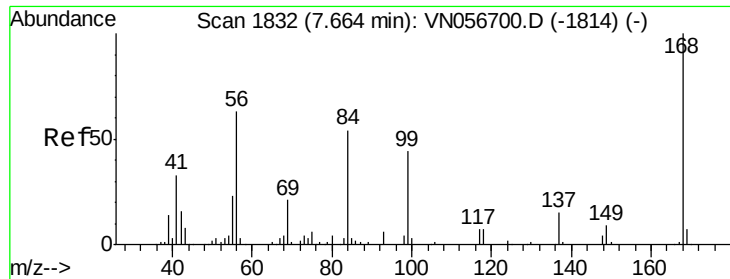
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 16 04:27:52 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: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

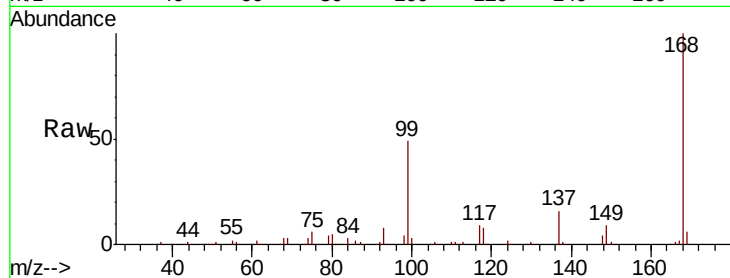
PB121354ZHE#02

Tot Ion:168 Resp: 269904

Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

120000

100000

80000

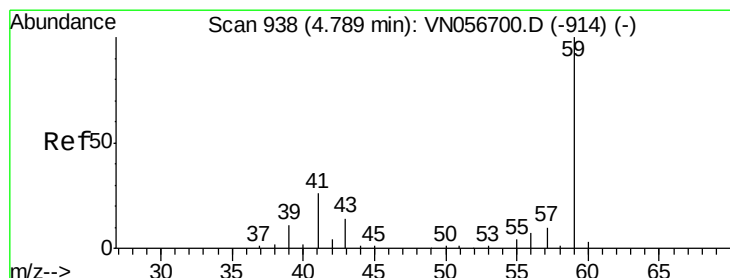
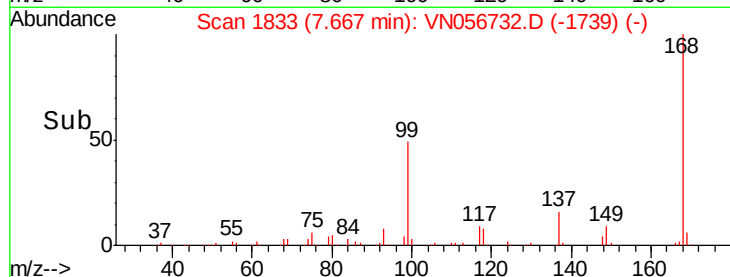
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.266 ug/l

RT: 4.79 min Scan# 939

Delta R.T. 0.00 min

Lab File: VN056732.D

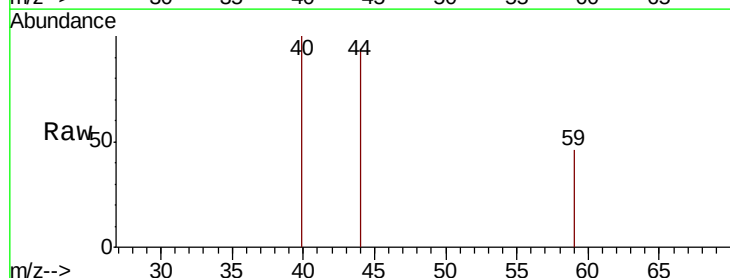
Acq: 15 Jul 2019 23:48

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.79

200

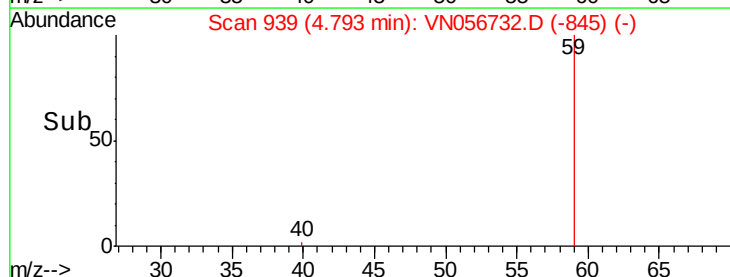
150

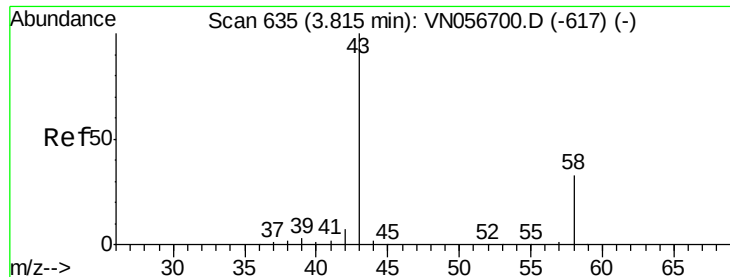
100

50

0

Time-->





#16

Acetone

Concen: 6.203 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

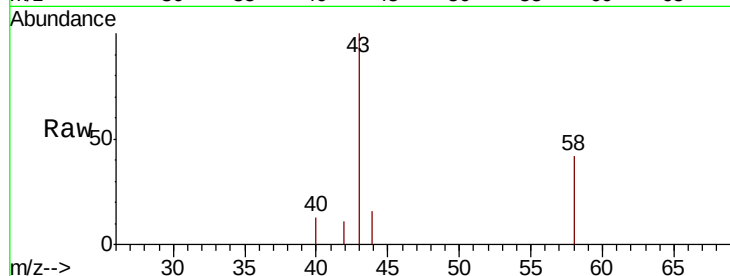
PB121354ZHE#02

Tot Ion: 43 Resp: 8534

Ion Ratio Lower Upper

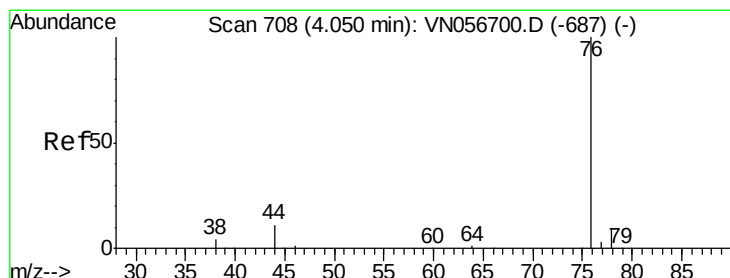
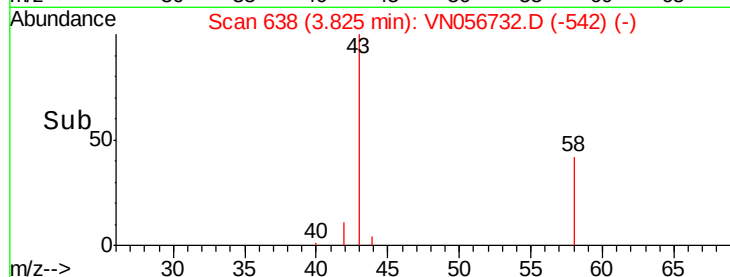
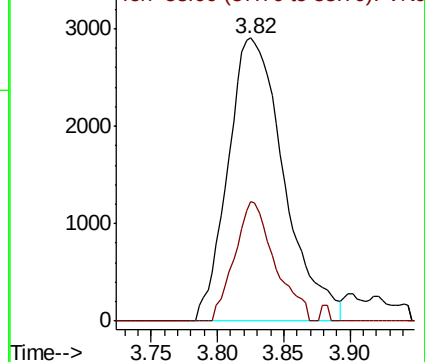
43 100

58 42.5 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: 0.224 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056732.D

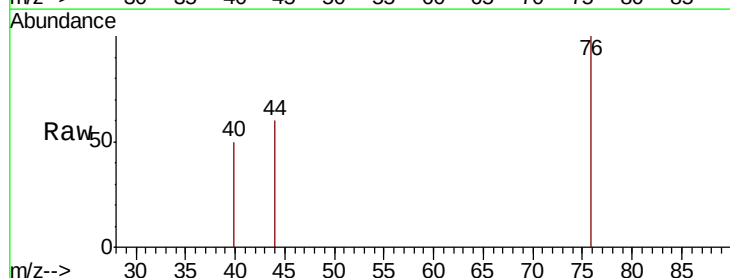
Acq: 15 Jul 2019 23:48

Tgt Ion: 76 Resp: 1503

Ion Ratio Lower Upper

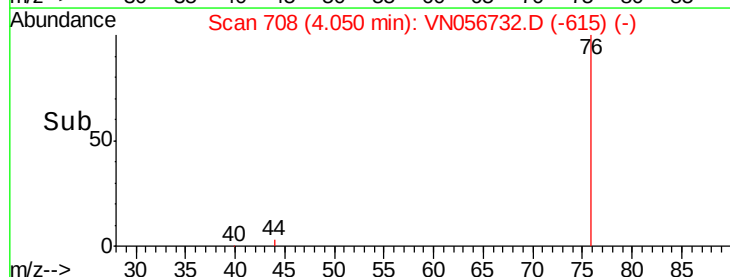
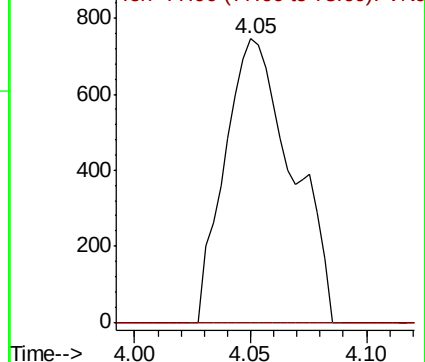
76 100

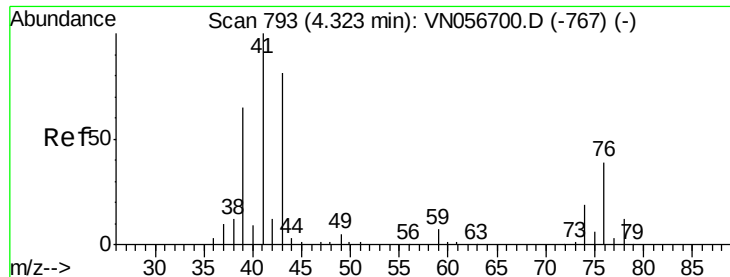
78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

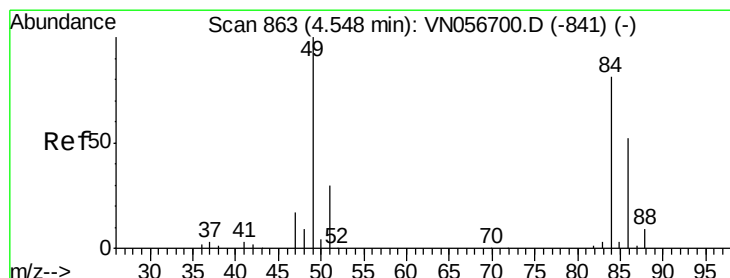
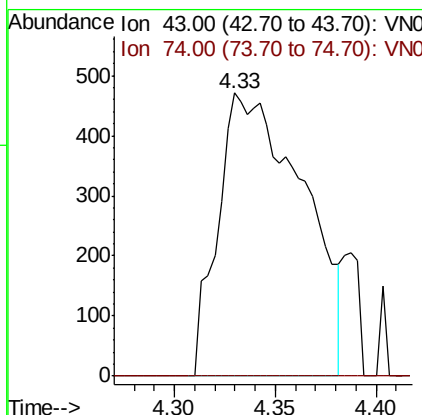
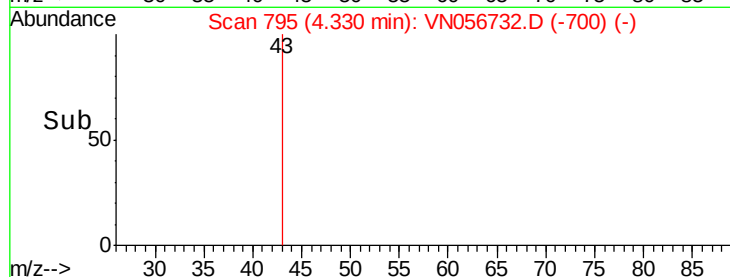
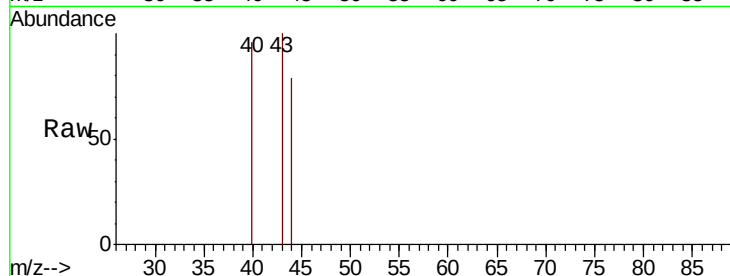




#18
Methvl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

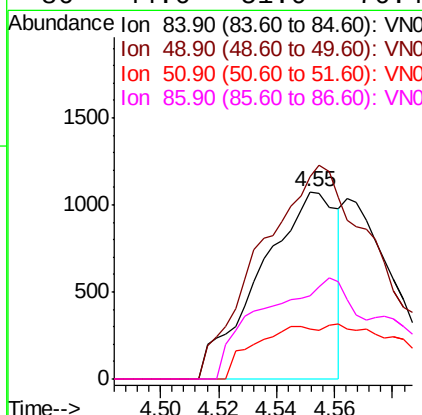
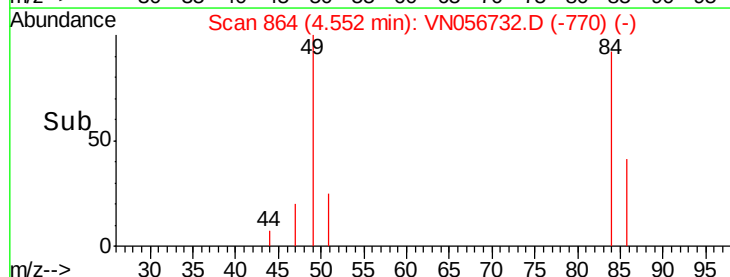
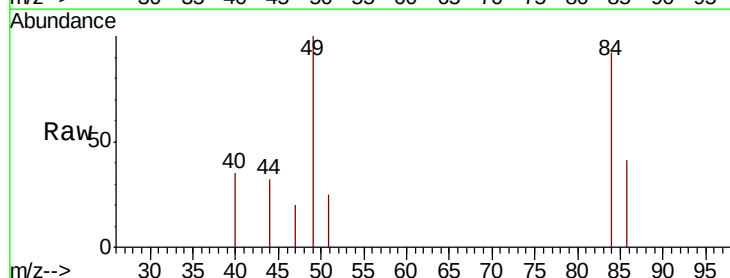
Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#02

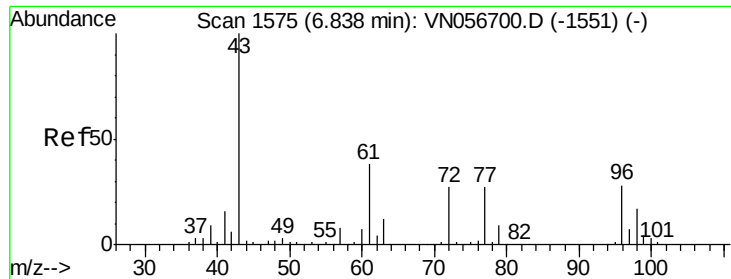
Tot Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 0.652 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Tgt Ion: 84 Resp: 1961
Ion Ratio Lower Upper
84 100
49 108.5 98.2 147.4
51 27.0 29.6 44.4#
86 44.6 51.0 76.4#

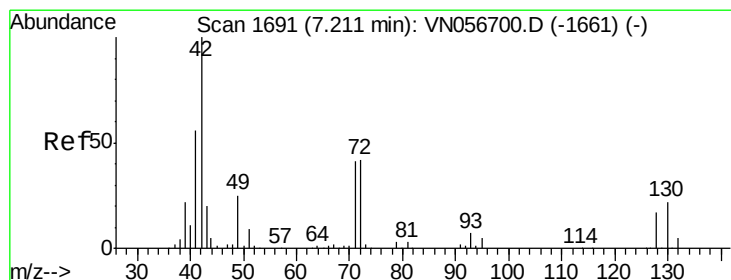
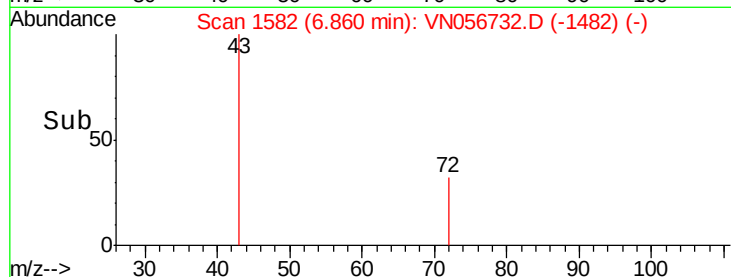
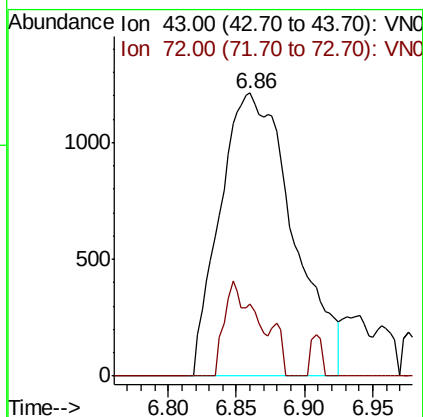
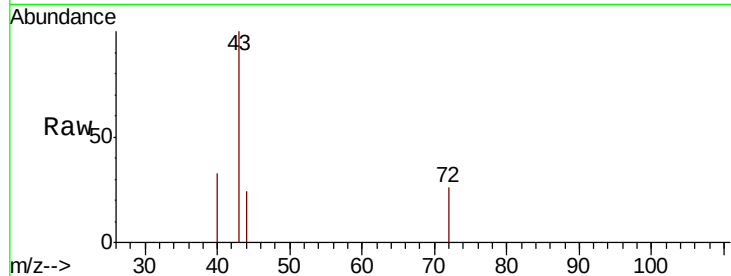




#25
2-Butanone
Concen: 2.239 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

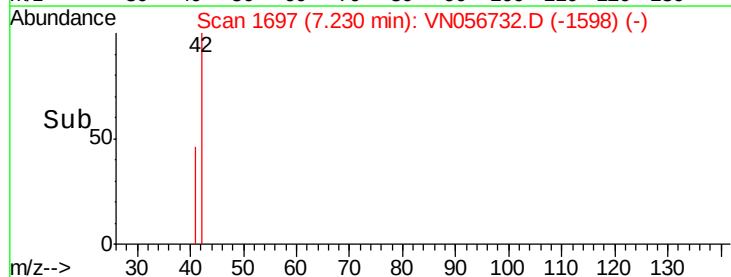
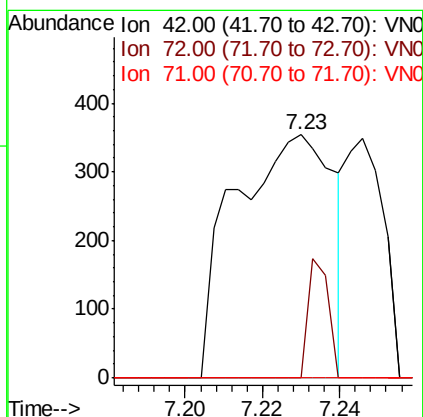
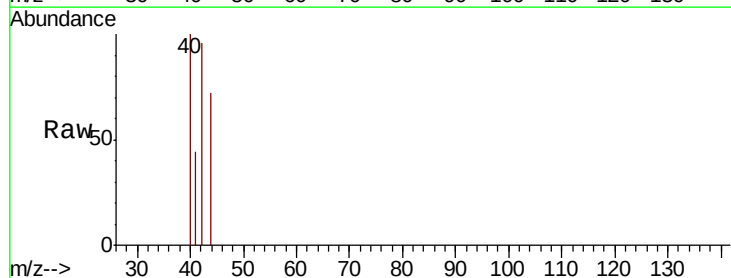
Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#02

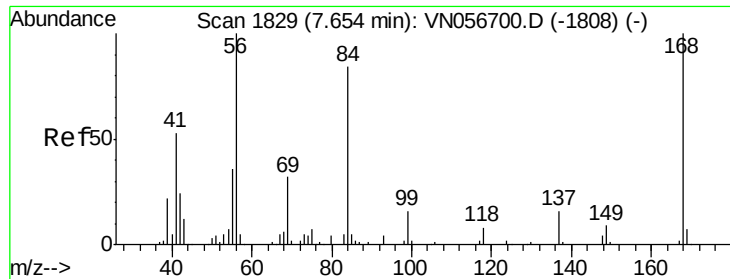
Tot Ion: 43 Resp: 4503
Ion Ratio Lower Upper
43 100
72 25.6 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.479 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.02 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Tgt Ion: 42 Resp: 629
Ion Ratio Lower Upper
42 100
72 10.0 33.5 50.3#
71 0.0 31.8 47.8#

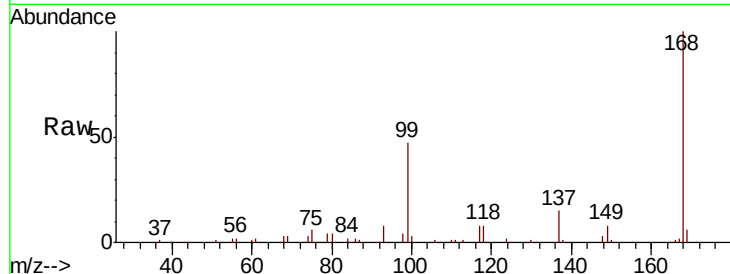




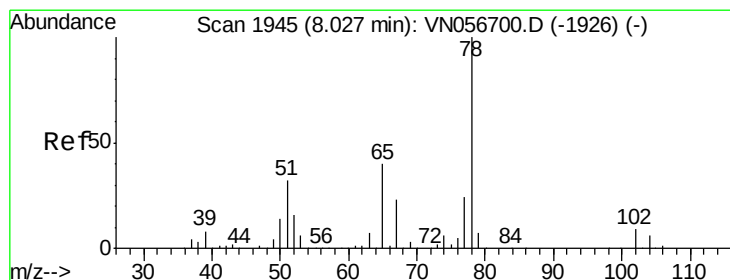
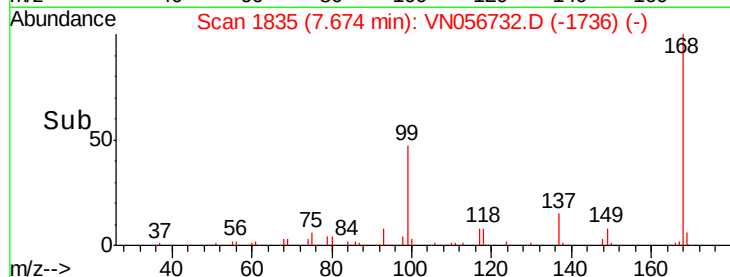
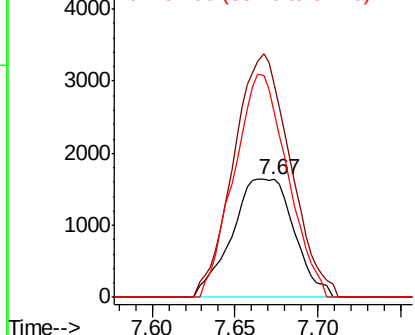
#31
Cyclohexane
Concen: 0.897 ug/l
RT: 7.67 min Scan# 1835
Delta R.T. 0.02 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#02

Tot Ion: 56 Resp: 4279
Ion Ratio Lower Upper
56 100
69 181.1 25.8 38.8#
84 156.8 67.4 101.0#

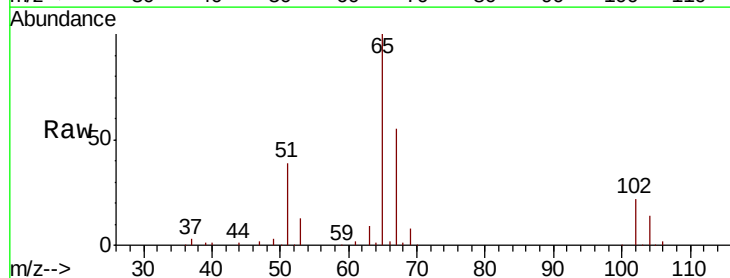


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

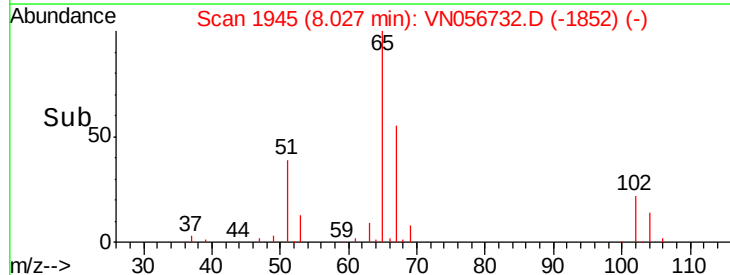
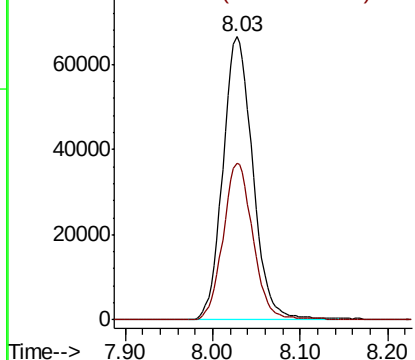


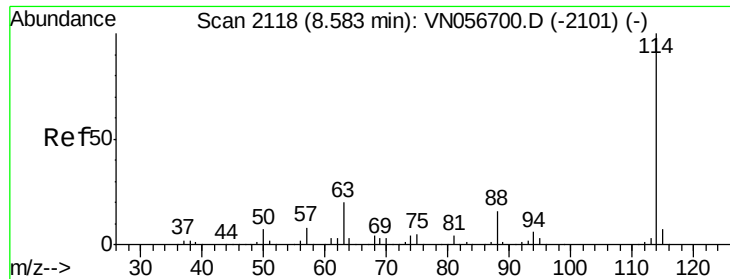
#33
1,2-Dichloroethane-d4
Concen: 52.769 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Tgt Ion: 65 Resp: 157541
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

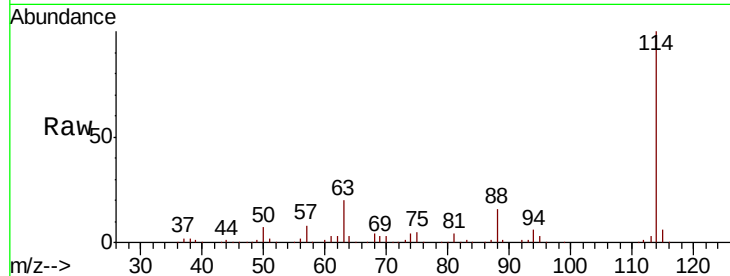




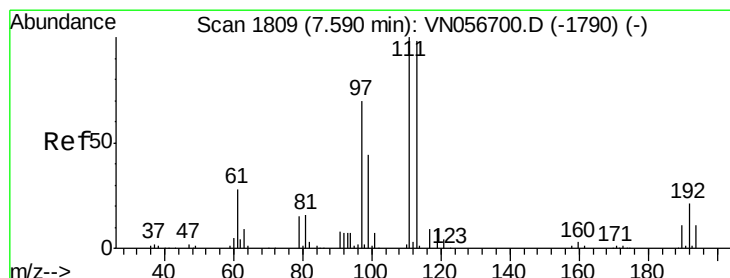
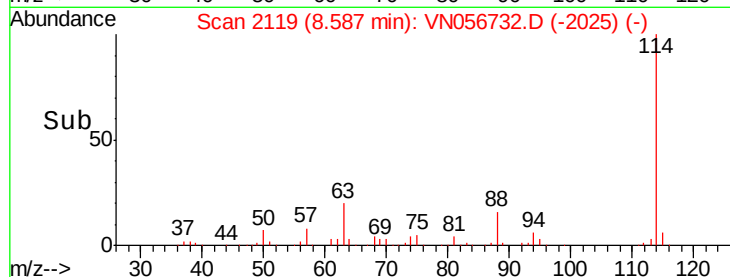
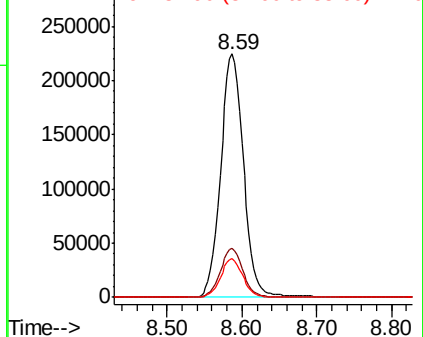
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

Tot Ion:114 Resp: 476222
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.4
 88 15.7 0.0 31.2

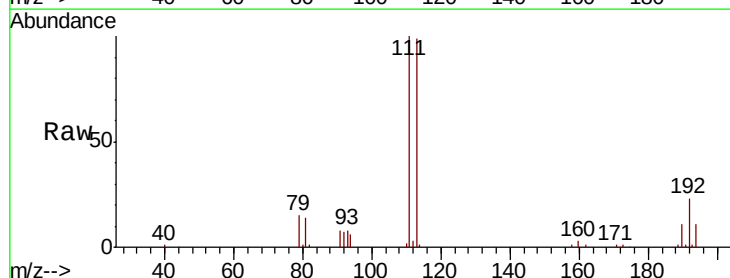


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

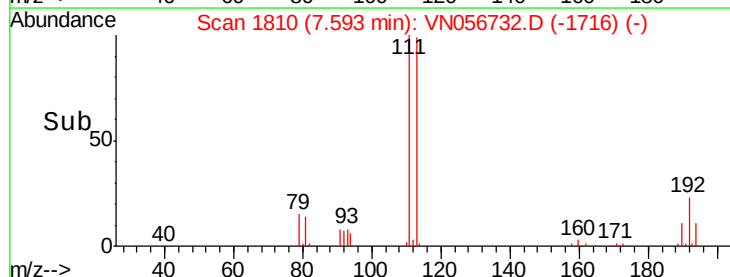
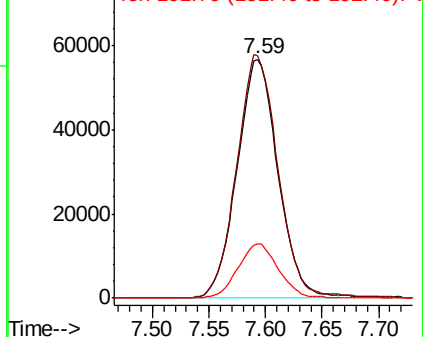


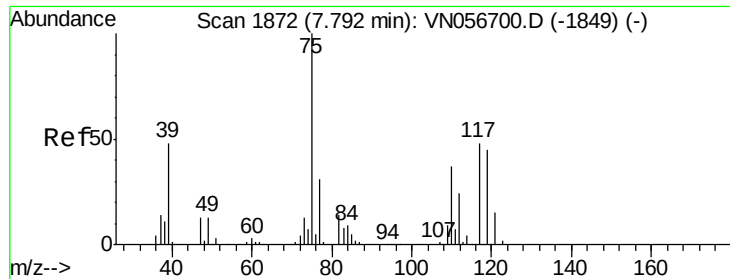
#35
 Dibromofluoromethane
 Concen: 48.025 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

Tgt Ion:113 Resp: 142327
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.6
 192 22.5 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

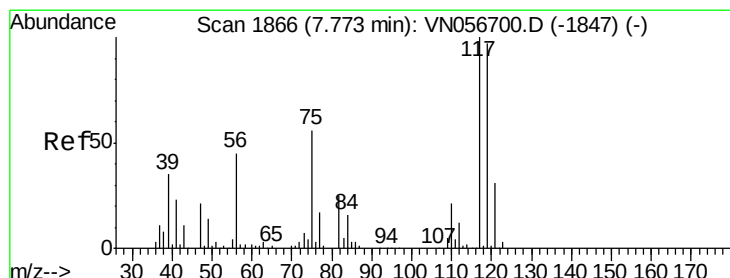
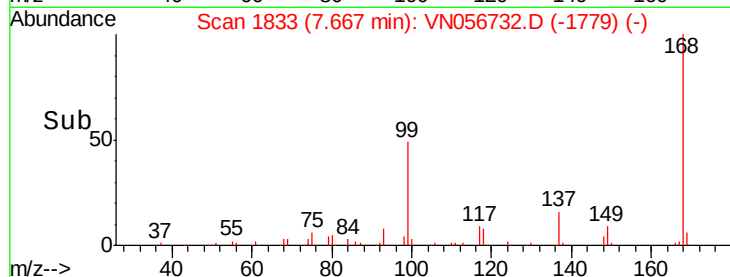
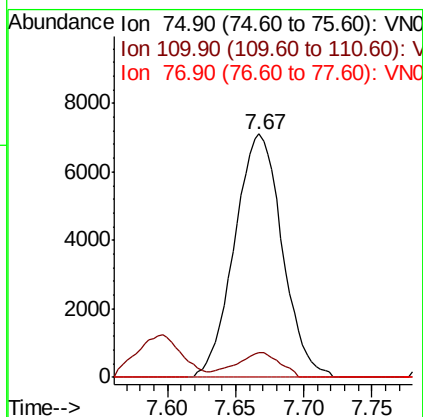
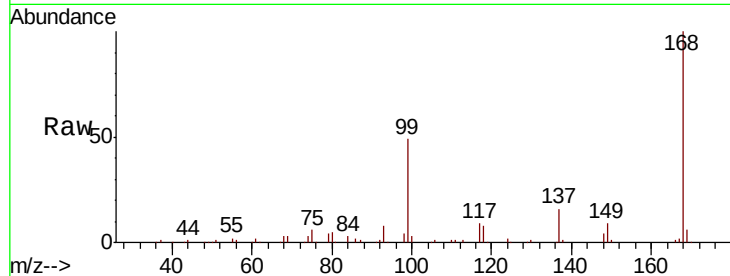




#36
 1,1-Dichloropropene
 Concen: 3.916 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

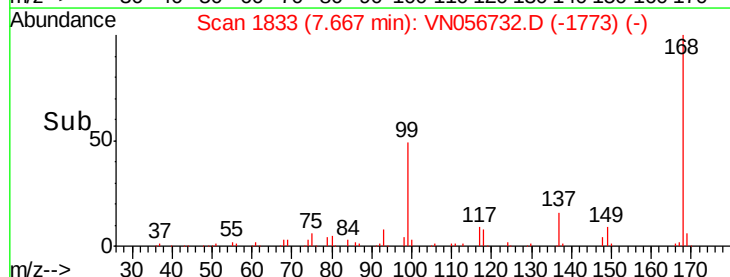
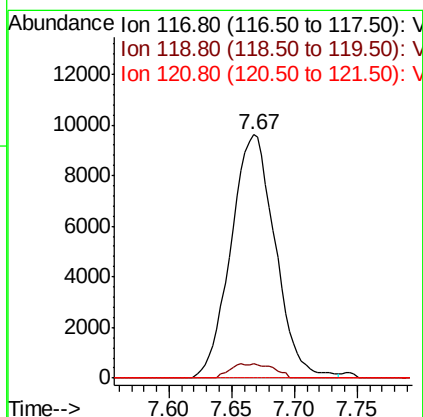
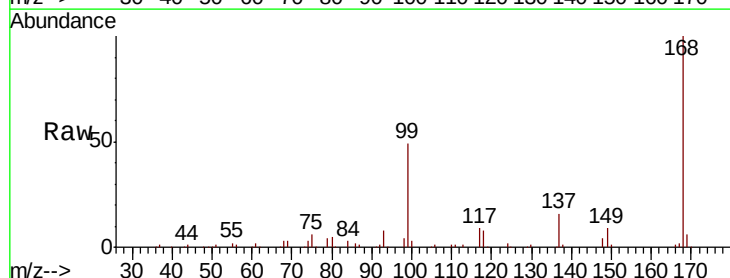
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

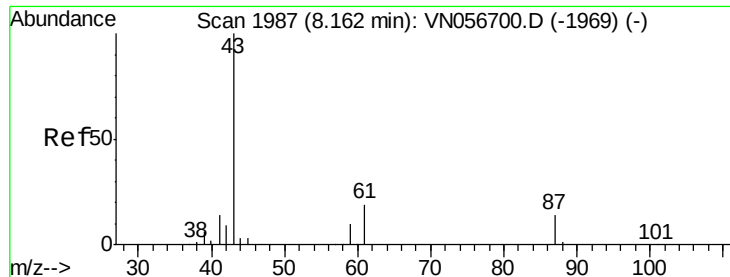
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.4	55.4#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.705 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.5	116.3#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 2.563 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#02

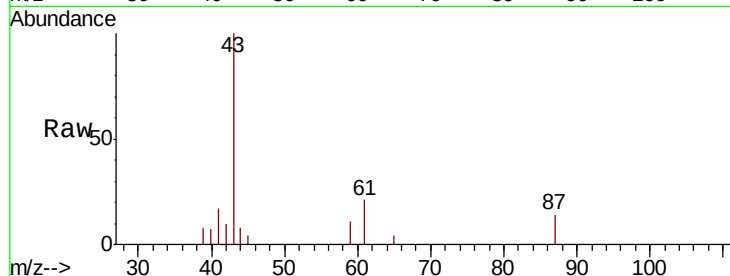
Tot Ion: 43 Resp: 17497

Ion Ratio Lower Upper

43 100

61 22.2 22.3 33.5#

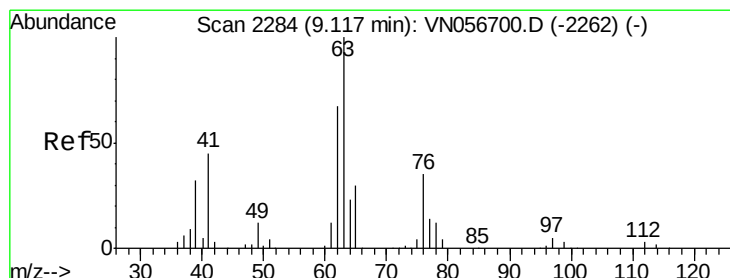
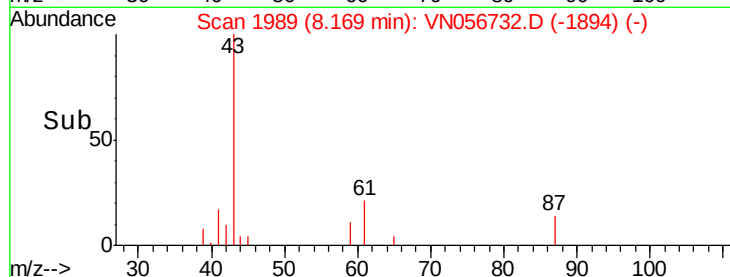
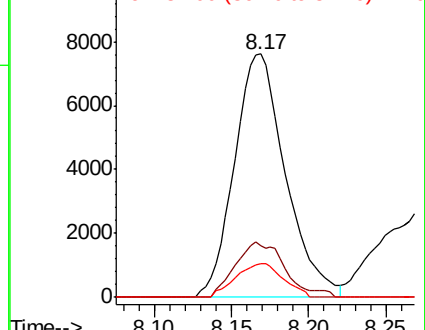
87 12.9 11.1 16.7



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: 0.420 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056732.D

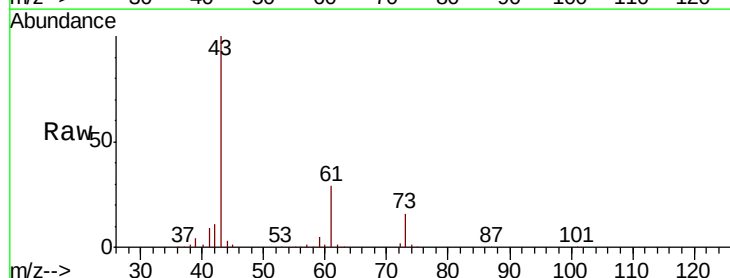
Acq: 15 Jul 2019 23:48

Tgt Ion: 63 Resp: 1508

Ion Ratio Lower Upper

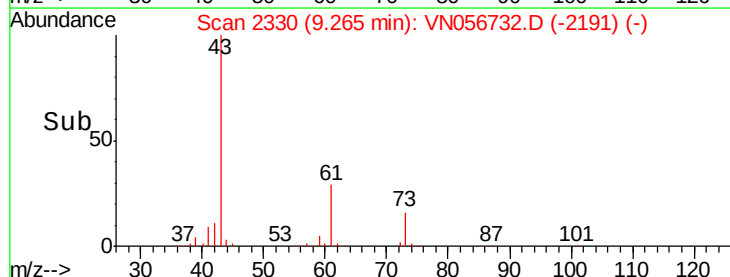
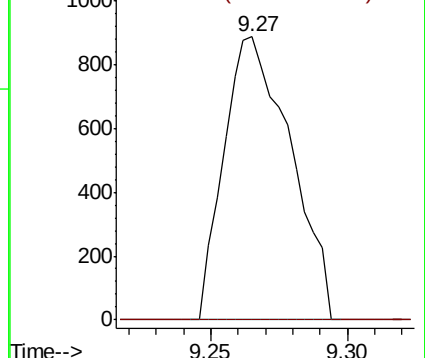
63 100

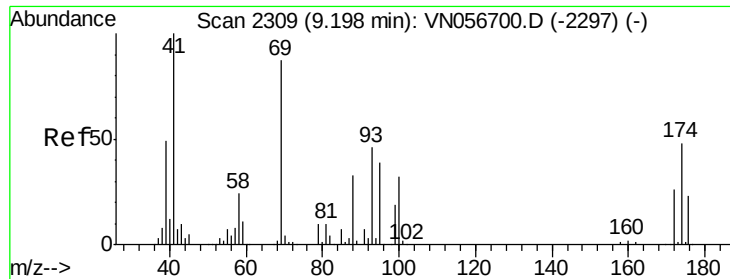
65 0.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

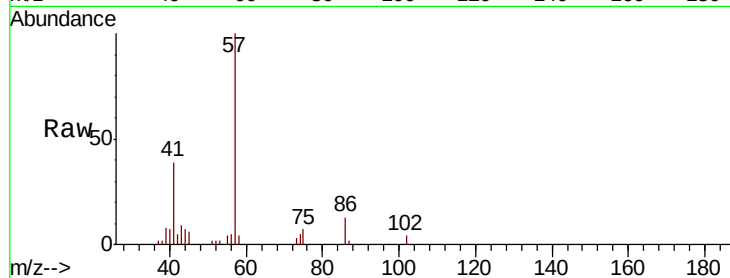




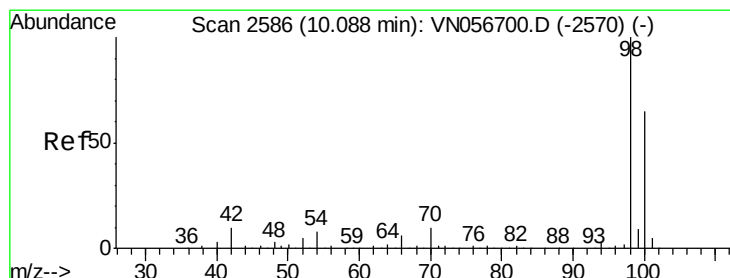
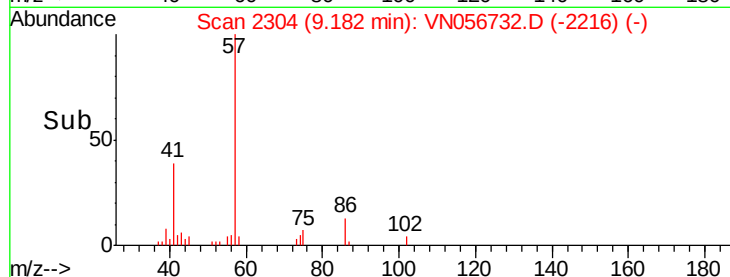
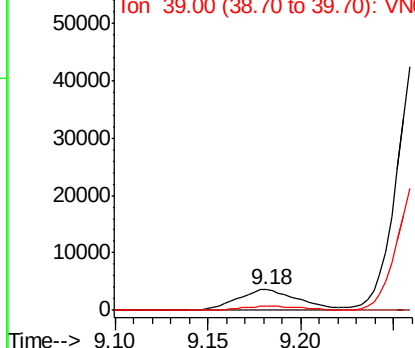
#48
Methvl methacrylate
Concen: 2.512 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Instrument :
MSVOA_N
ClientSampleId :
PB121354ZHE#02

Tot Ion: 41 Resp: 8295
Ion Ratio Lower Upper
41 100
69 0.0 71.4 107.0#
39 0.0 41.2 61.8#

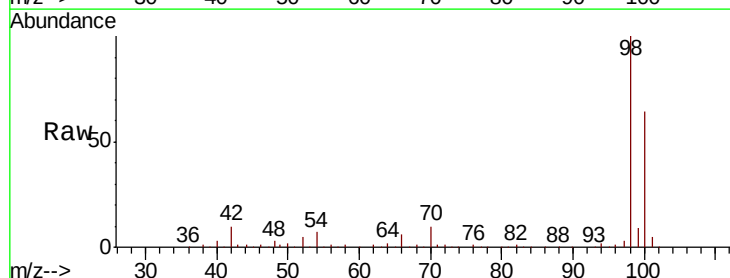


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

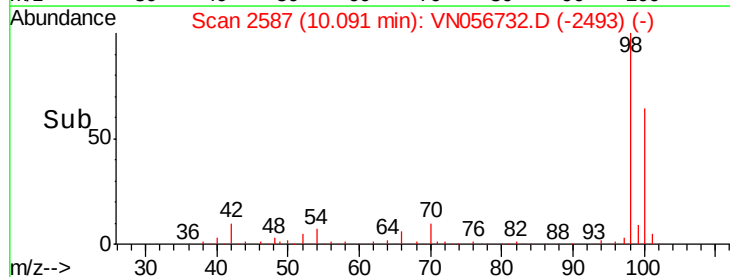
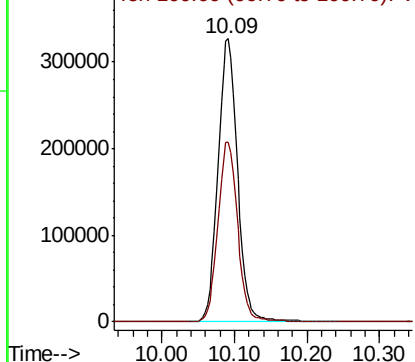


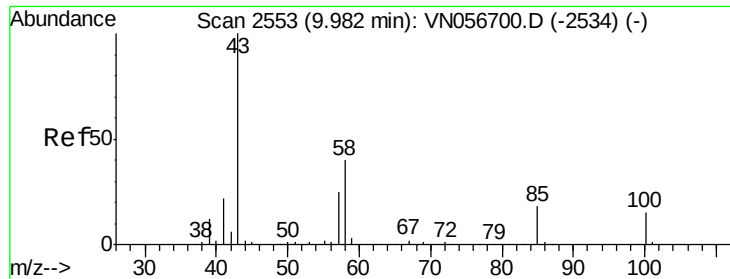
#50
Toluene-d8
Concen: 53.286 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056732.D
Acq: 15 Jul 2019 23:48

Tgt Ion: 98 Resp: 609925
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 0.885 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

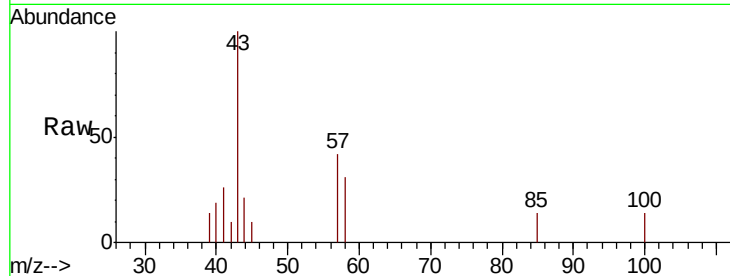
PB121354ZHE#02

Tot Ion: 43 Resp: 3912

Ion Ratio Lower Upper

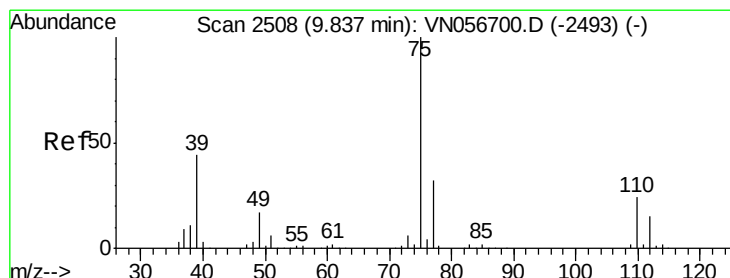
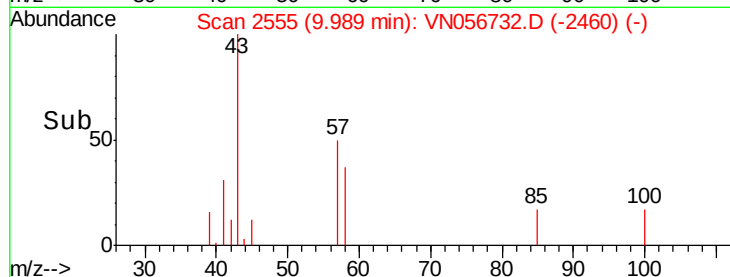
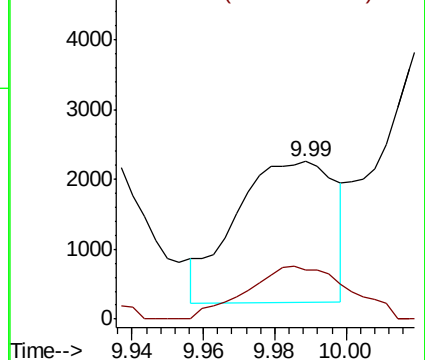
43 100

58 38.2 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.479 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

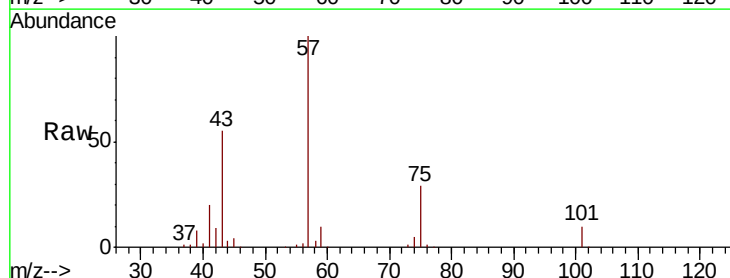
Tgt Ion: 75 Resp: 48488

Ion Ratio Lower Upper

75 100

77 0.7 26.0 39.0#

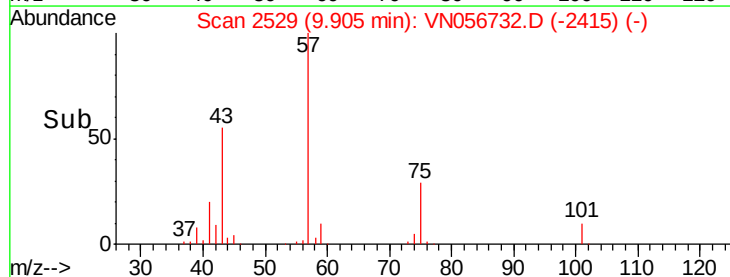
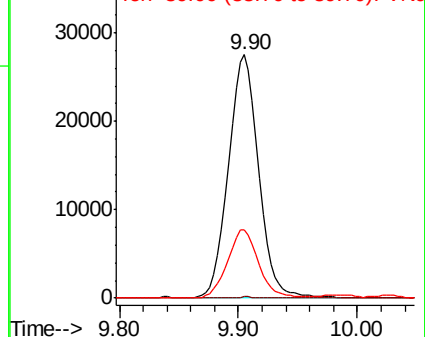
39 28.2 35.1 52.7#

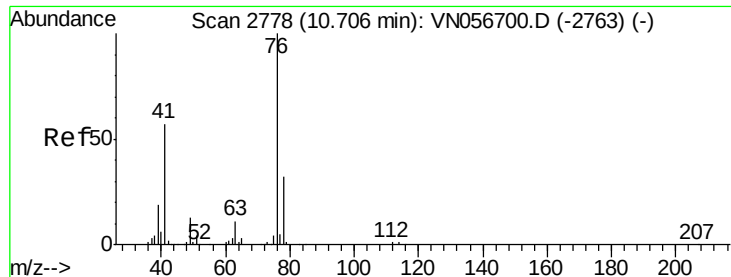


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.997 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

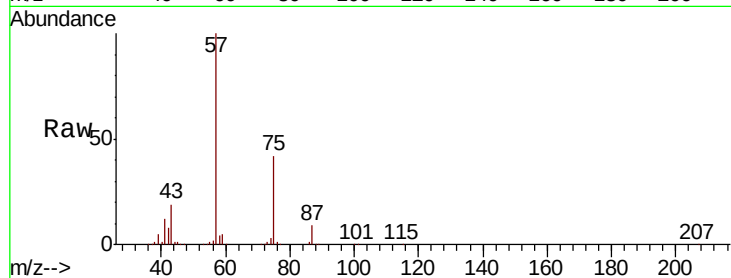
PB121354ZHE#02

Tot Ion: 76 Resp: 10969

Ion Ratio Lower Upper

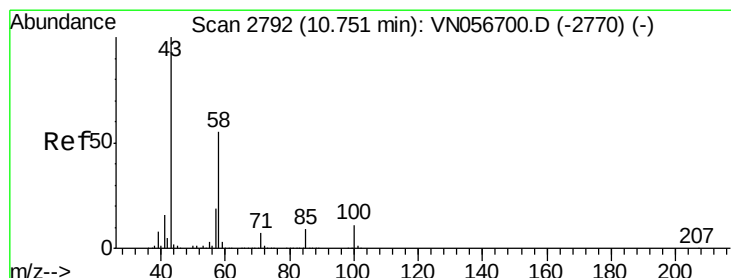
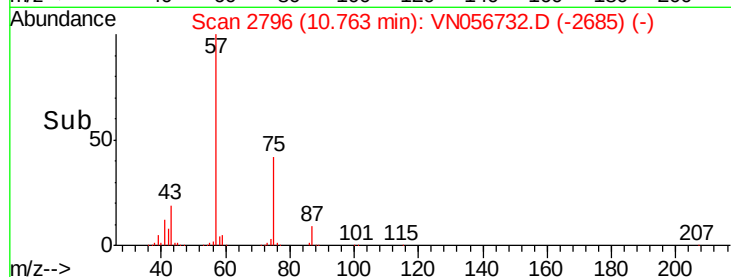
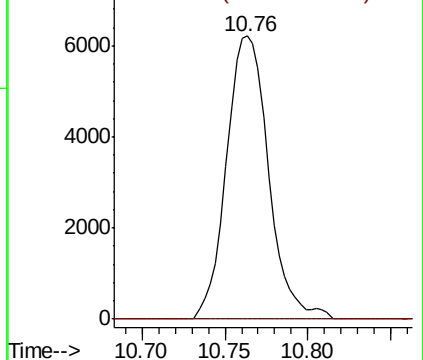
76 100

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: 46.660 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056732.D

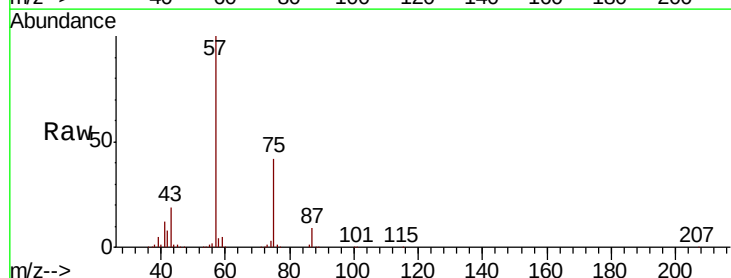
Acq: 15 Jul 2019 23:48

Tgt Ion: 43 Resp: 148062

Ion Ratio Lower Upper

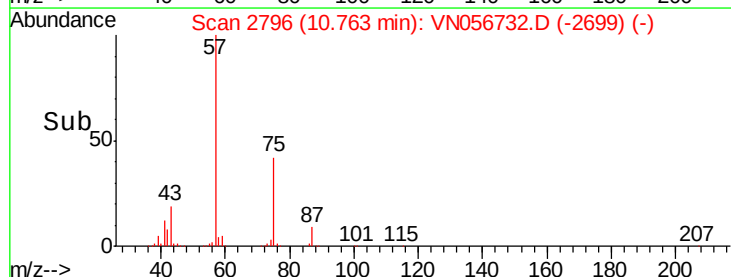
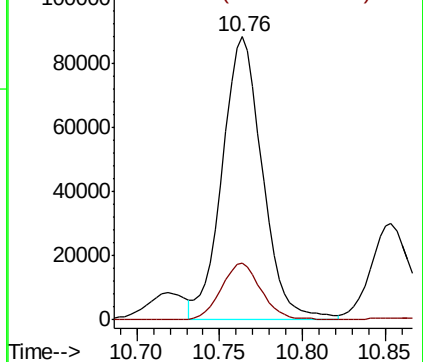
43 100

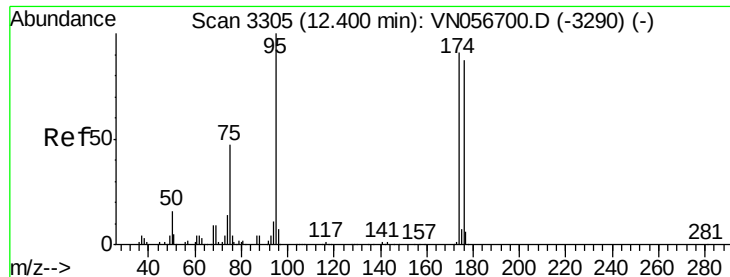
58 20.2 27.9 83.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 58.887 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#02

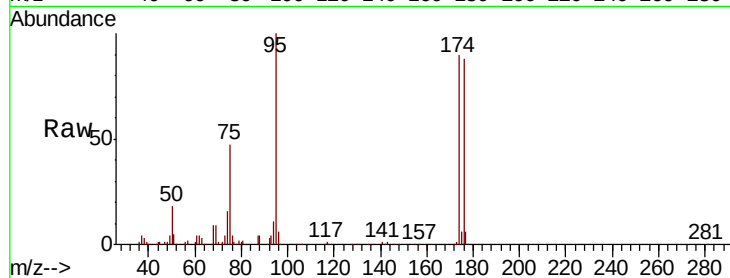
Tot Ion: 95 Resp: 227305

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.0

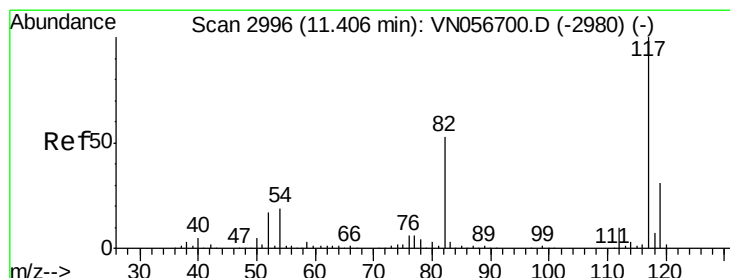
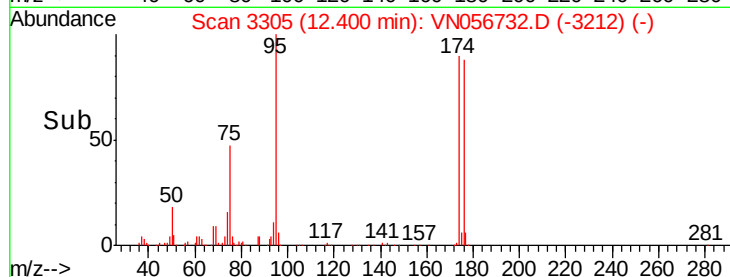
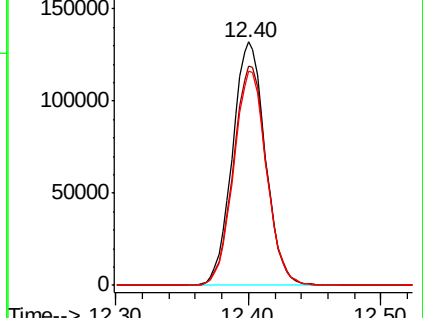
176 87.9 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056732.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056732.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056732.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

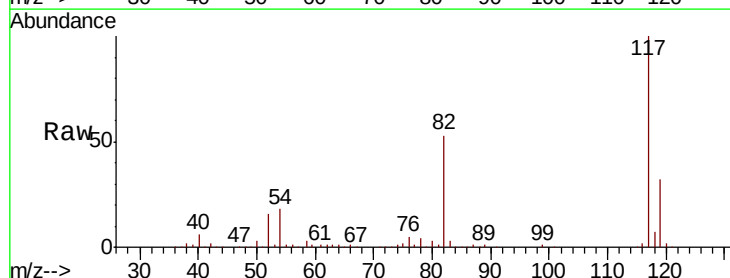
Tgt Ion: 117 Resp: 511443

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.2

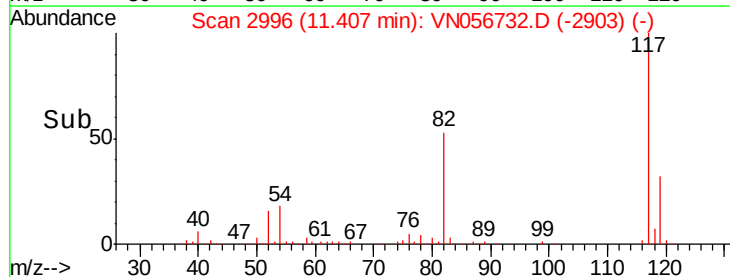
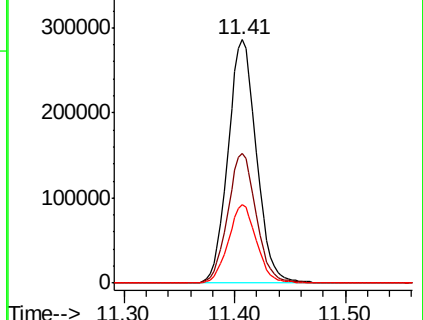
119 32.0 25.2 37.8

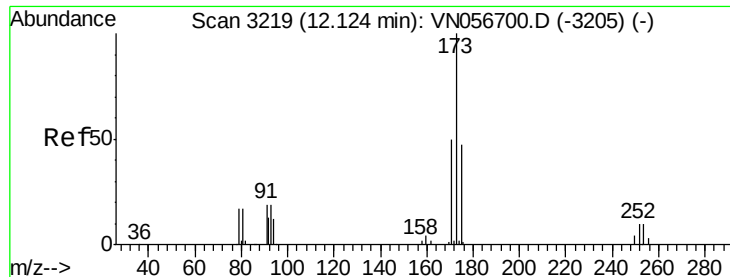


Abundance Ion 116.90 (116.60 to 117.60): VN056732.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056732.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056732.D (-2903) (-)





#71

Bromoform

Concen: 0.610 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#02

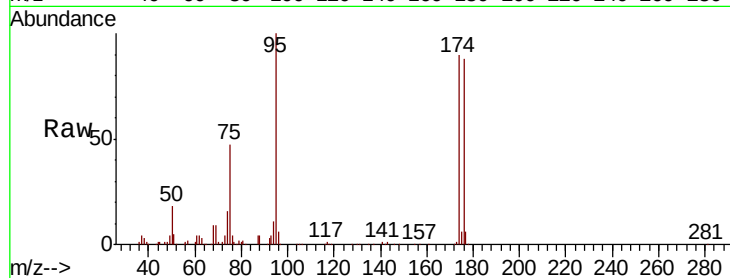
Tot Ion:173 Resp: 1786

Ion Ratio Lower Upper

173 100

175 688.8 23.8 71.4#

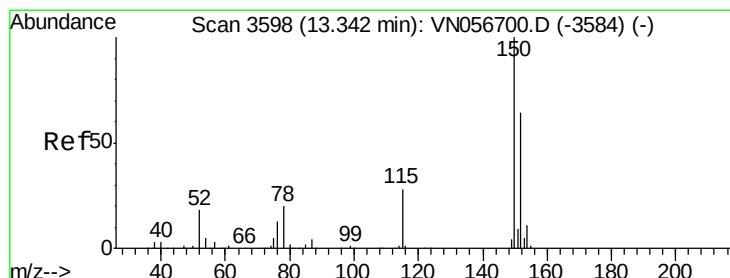
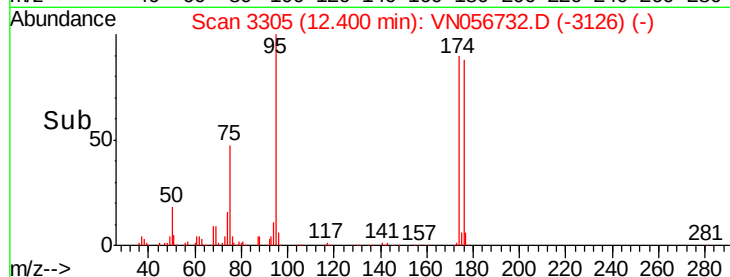
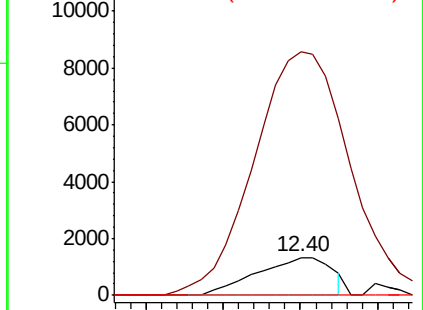
254 0.0 0.0 0.0



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: VN056732.D

Acq: 15 Jul 2019 23:48

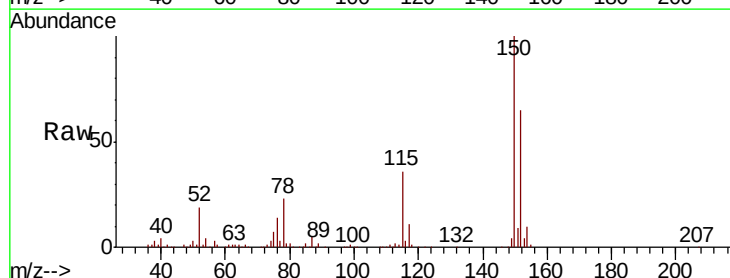
Tgt Ion:152 Resp: 207707

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

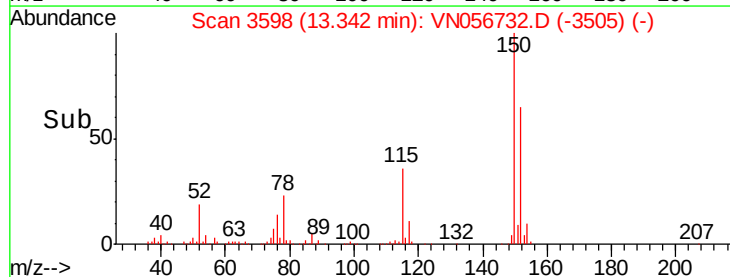
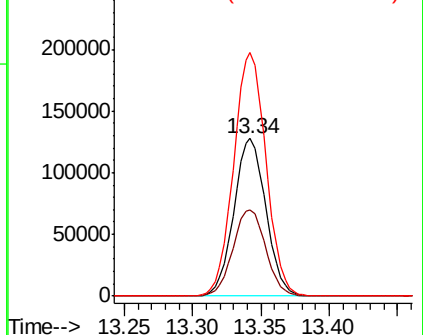
150 156.7 0.0 345.8

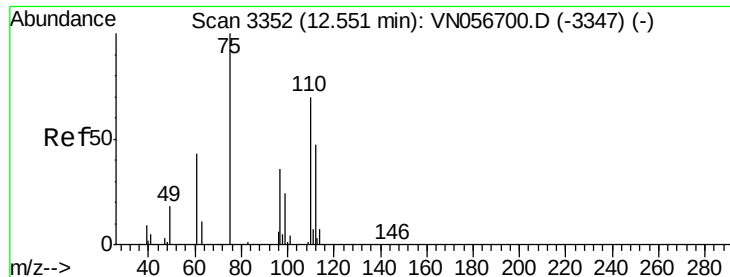


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

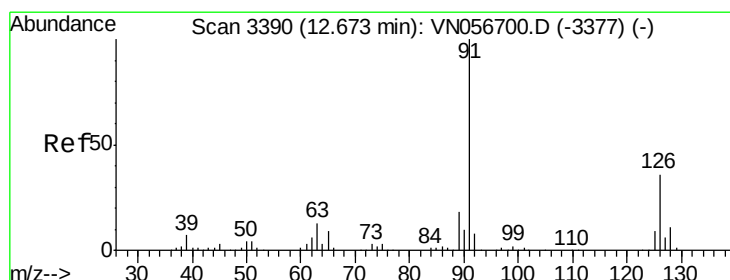
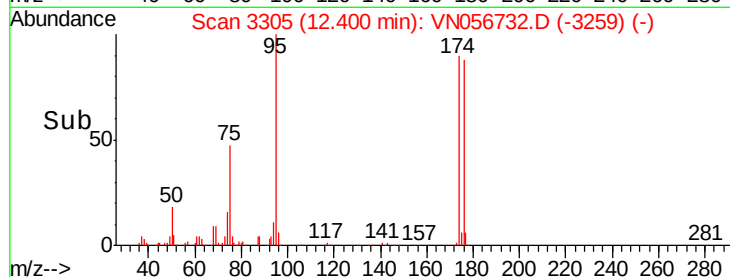
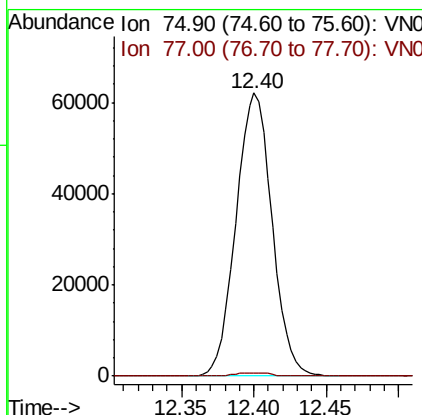
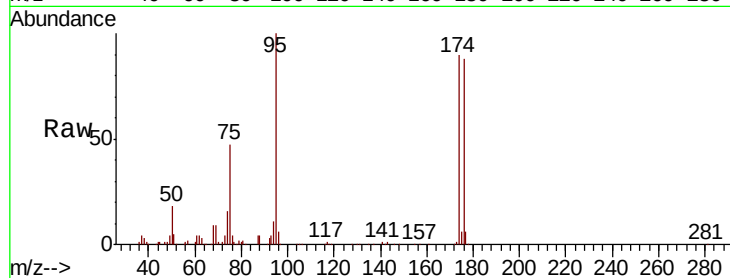




#76
 1,2,3-Trichloropropane
 Concen: 23.576 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

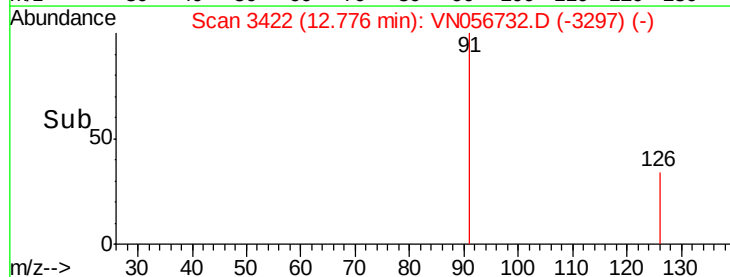
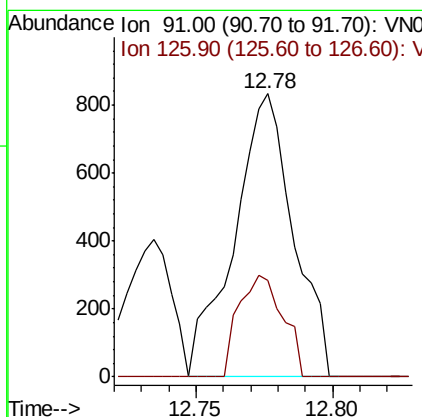
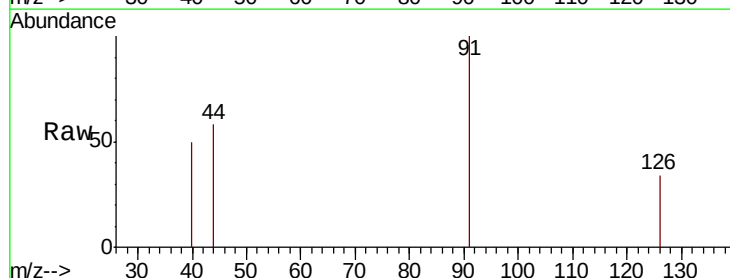
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

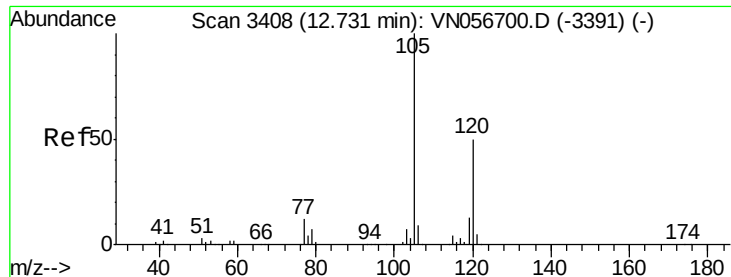
Tot Ion: 75 Resp: 107103
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.10 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

Tgt Ion: 91 Resp: 1254
 Ion Ratio Lower Upper
 91 100
 126 27.0 17.9 53.7





#80

1,3,5-Trimethylbenzene

Concen: 0.343 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

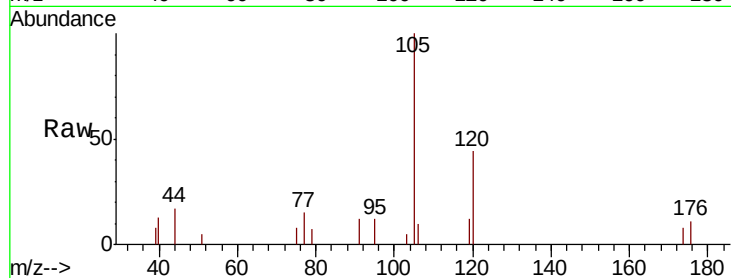
PB121354ZHE#02

Tot Ion:105 Resp: 4875

Ion Ratio Lower Upper

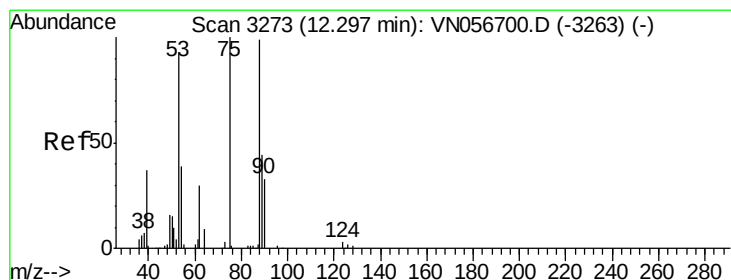
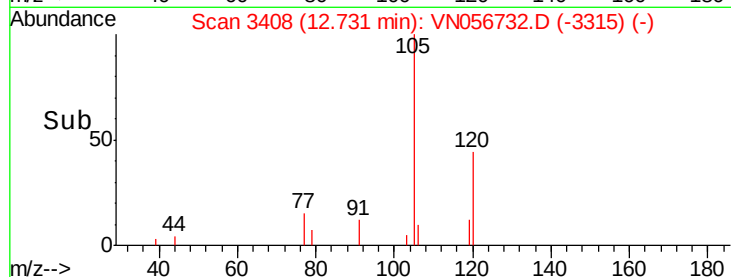
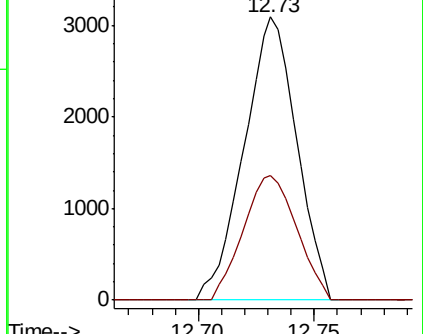
105 100

120 44.6 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: 72.811 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

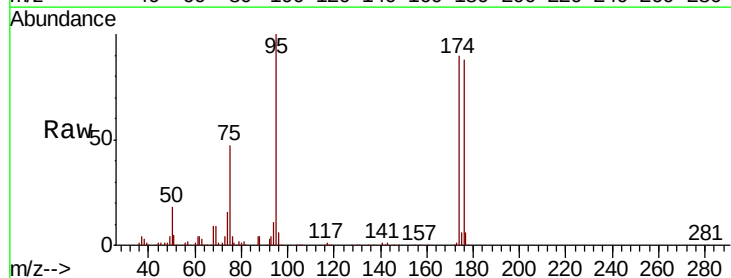
Tgt Ion: 75 Resp: 107103

Ion Ratio Lower Upper

75 100

53 0.0 73.7 110.5#

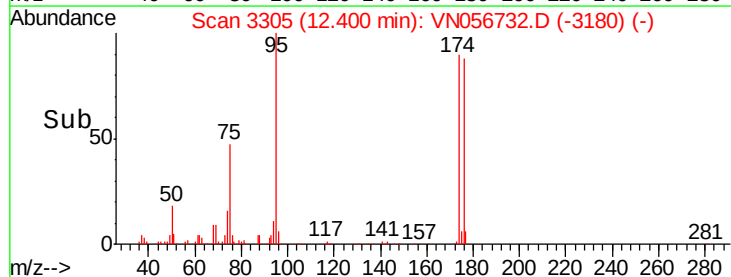
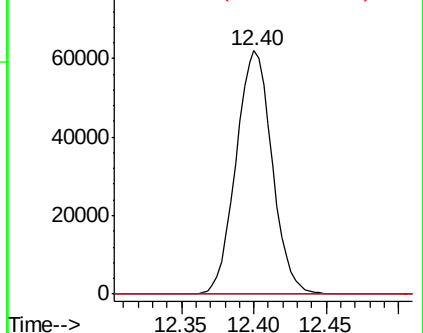
89 0.0 36.2 54.2#

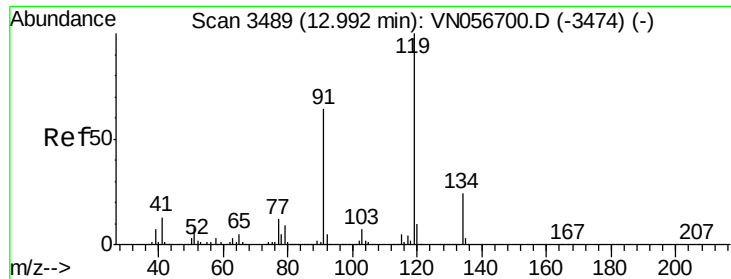


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

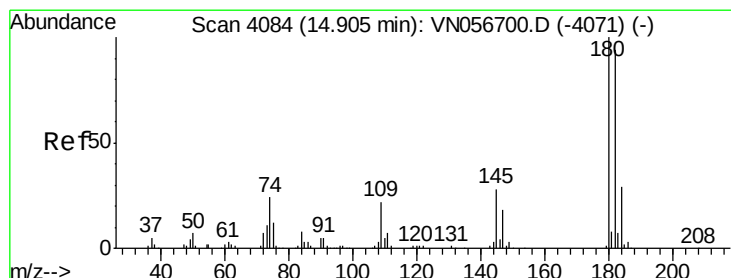
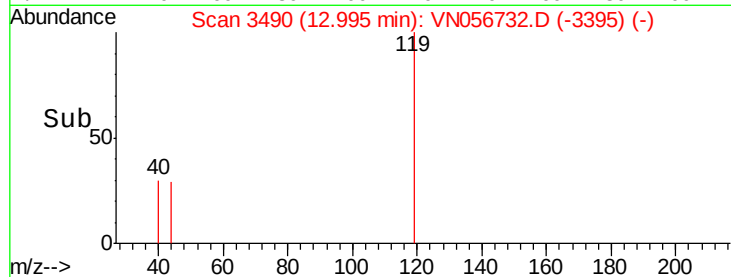
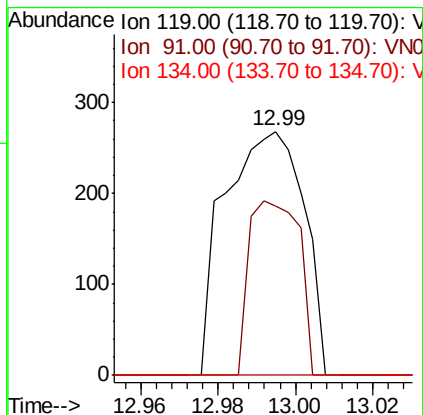
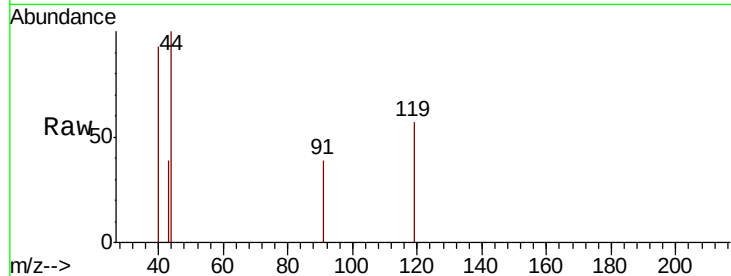




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

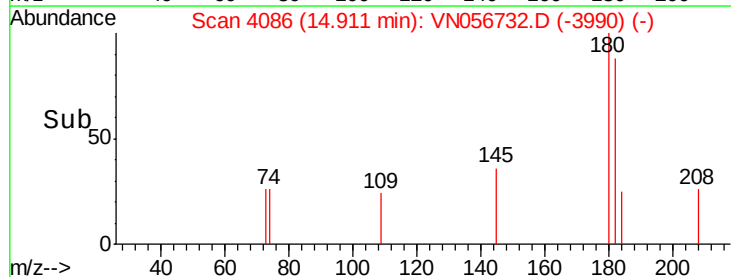
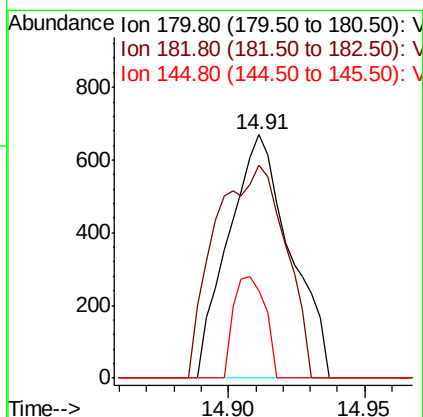
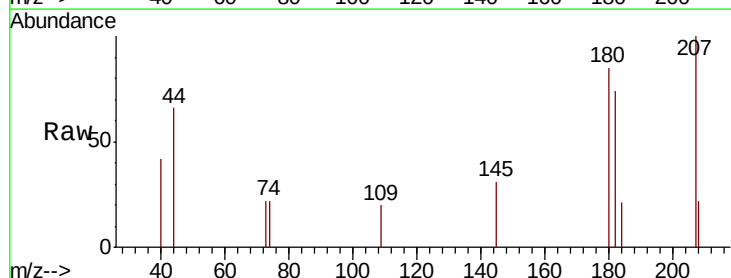
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

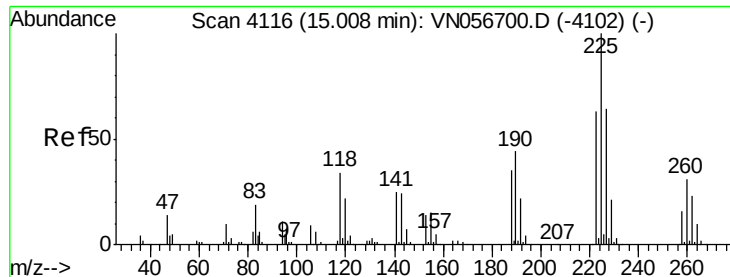
Tot Ion:119 Resp: 382
 Ion Ratio Lower Upper
 119 100
 91 45.3 31.8 95.4
 134 0.0 13.0 38.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.932 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

Tgt Ion:180 Resp: 1052
 Ion Ratio Lower Upper
 180 100
 182 99.8 47.2 141.6
 145 21.5 14.2 42.8





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

Instrument :

MSVOA_N

ClientSampleId :

PB121354ZHE#02

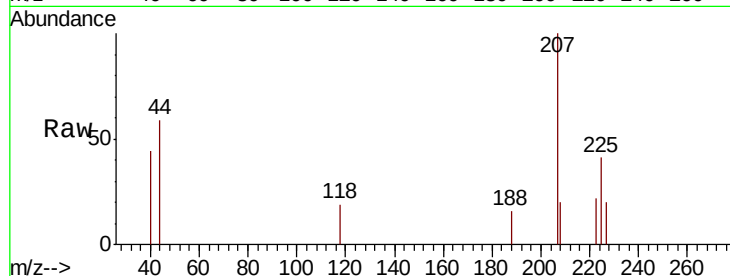
Tot Ion:225 Resp: 345

Ion Ratio Lower Upper

225 100

223 31.6 31.5 94.5

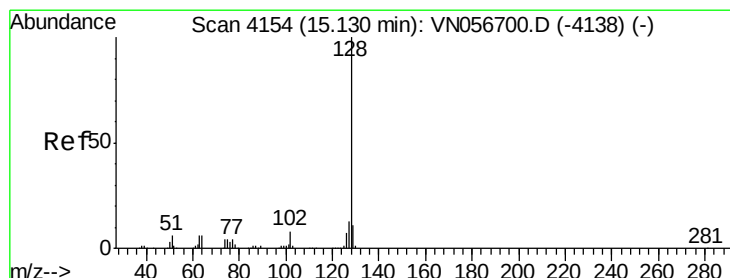
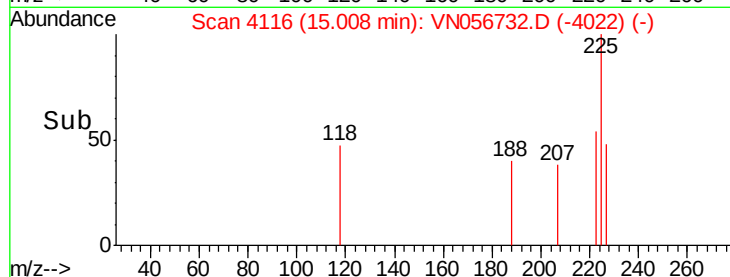
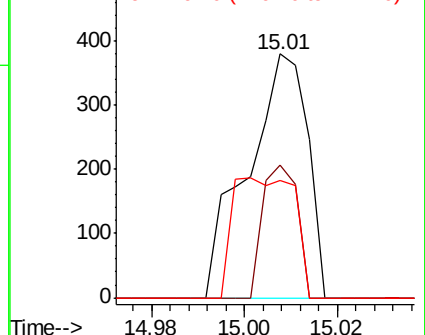
227 50.4 32.0 96.2



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: 4.759 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN056732.D

Acq: 15 Jul 2019 23:48

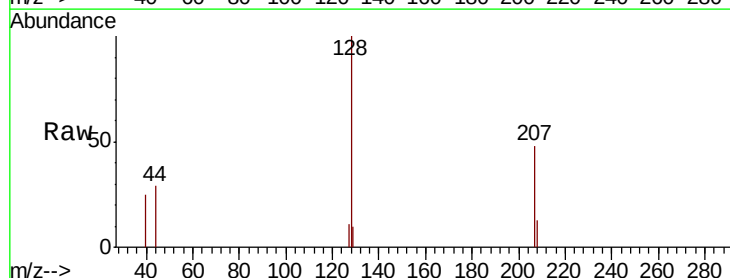
Tgt Ion:128 Resp: 2860

Ion Ratio Lower Upper

128 100

127 3.7 10.3 15.5#

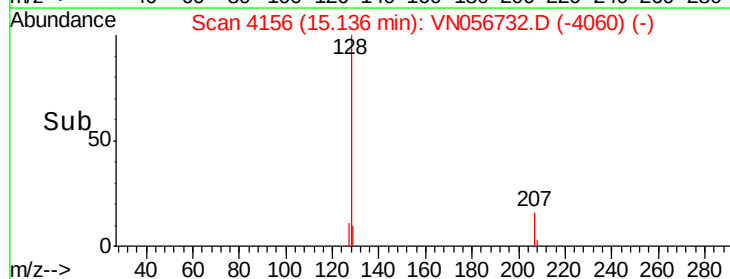
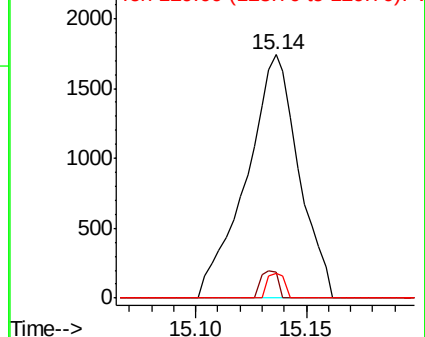
129 3.4 8.7 13.1#

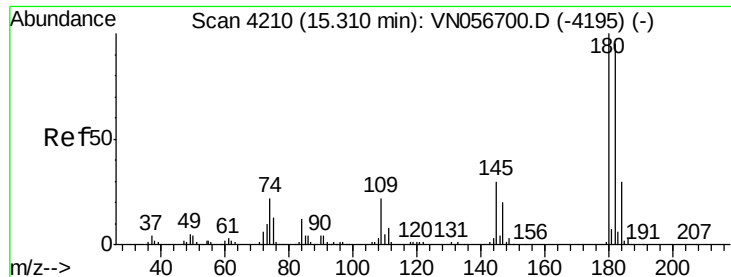


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

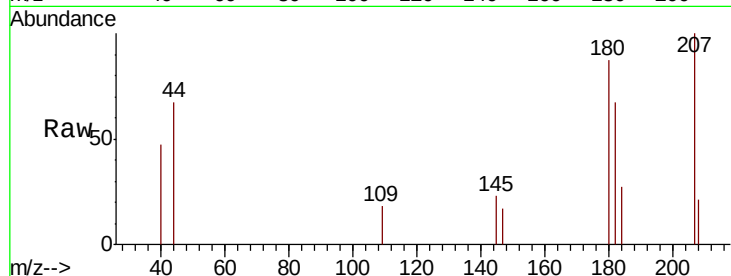




#96
 1,2,3-Trichlorobenzene
 Concen: 3.583 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN056732.D
 Acq: 15 Jul 2019 23:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121354ZHE#02

Tot Ion:180 Resp: 1122
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.1 141.3
 145 16.1 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

