

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056432.D
 Acq On : 21 Jun 2019 17:36
 Operator : JC/SP
 Sample : PB120805ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

Quant Time: Jun 22 01:48:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	388407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	652406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	644541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	195312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	221434	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	7.59	113	192570	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	10.09	98	809201	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	266524	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

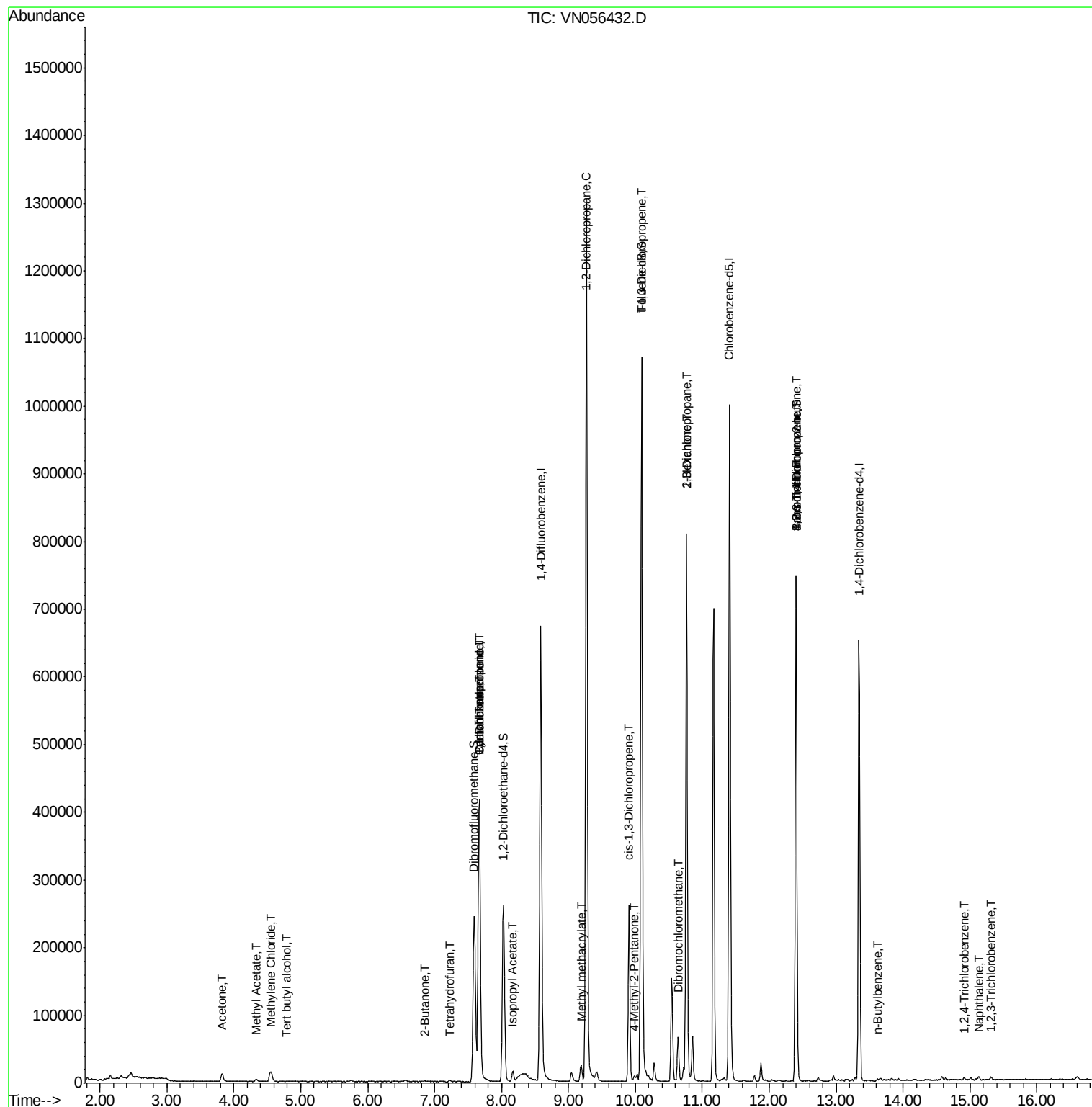
						Qvalue
11) Tert butyl alcohol	4.80	59	842	1.161	ug/l #	74
16) Acetone	3.82	43	21173	9.817	ug/l	95
18) Methyl Acetate	4.34	43	6313	0.638	ug/l	91
20) Methylene Chloride	4.55	84	12049	2.111	ug/l	98
25) 2-Butanone	6.86	43	2956	1.036	ug/l	99
29) Tetrahydrofuran	7.23	42	1422	0.815	ug/l #	57
31) Cyclohexane	7.67	56	6351	0.955	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	25281	4.403	ug/l #	49
38) Carbon Tetrachloride	7.67	117	32917	6.555	ug/l #	14
43) Isopropyl Acetate	8.17	43	17673	2.031	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1630	0.345	ug/l #	43
48) Methyl methacrylate	9.18	41	10347	2.373	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	5331	0.949	ug/l	99
53) t-1,3-Dichloropropene	10.09	75	70	2.902	ug/l #	43
54) cis-1,3-Dichloropropene	9.90	75	49826	7.894	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	8432	1.156	ug/l #	42
59) 2-Hexanone	10.76	43	119789	29.020	ug/l #	52
60) Dibromochloromethane	10.63	129	390	2.465	ug/l #	10
71) Bromoform	12.40	173	1704	3.595	ug/l #	1
73) Isopropylbenzene	12.25	105	1242	Below Cal	#	66
76) 1,2,3-Trichloropropane	12.40	75	123877	30.588	ug/l #	100
79) 2-Chlorotoluene	12.68	91	1087	Below Cal		75
80) 1,3,5-Trimethylbenzene	12.73	105	2396	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	123877	108.715	ug/l #	8
83) tert-Butylbenzene	12.99	119	959	Below Cal		96
89) n-Butylbenzene	13.61	91	2354	0.230	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	1415	5.981	ug/l	96
94) Hexachlorobutadiene	15.01	225	689	Below Cal		95
95) Naphthalene	15.13	128	4785	5.724	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	1915	4.973	ug/l	97

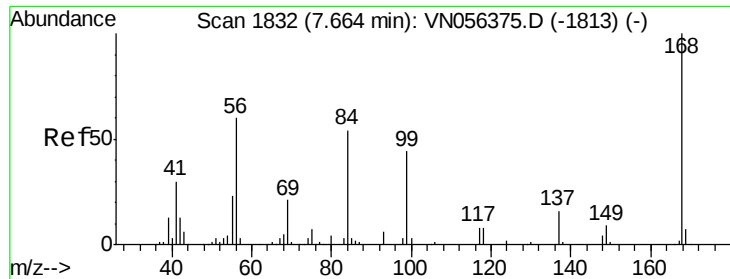
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

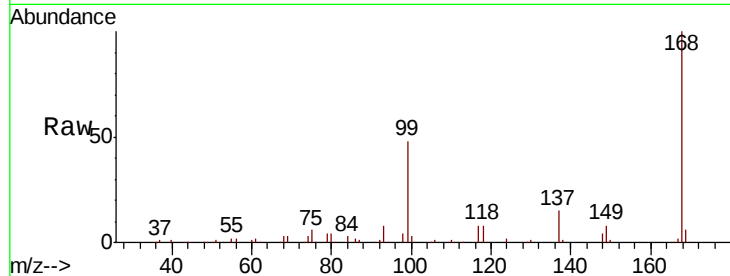
PB120805ZHE#03

Tot Ion:168 Resp: 388407

Ion Ratio Lower Upper

168 100

99 48.5 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056432.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056432.D (-1739) (-)

7.67

150000

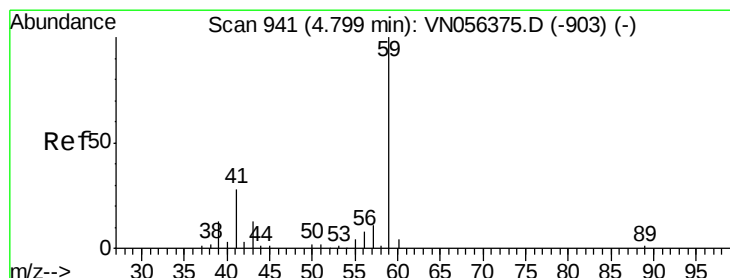
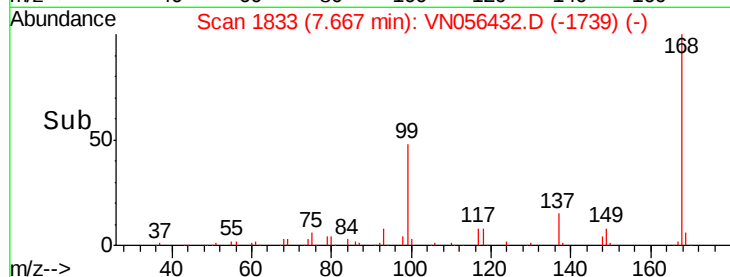
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 1.161 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.00 min

Lab File: VN056432.D

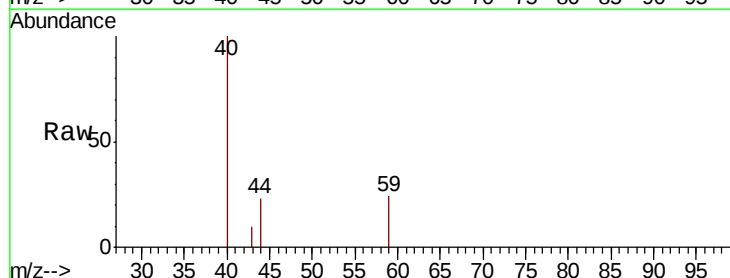
Acq: 21 Jun 2019 17:36

Tgt Ion: 59 Resp: 842

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN056432.D (-848) (-)

Ion 57.00 (56.70 to 57.70): VN056432.D (-848) (-)

4.80

500

400

300

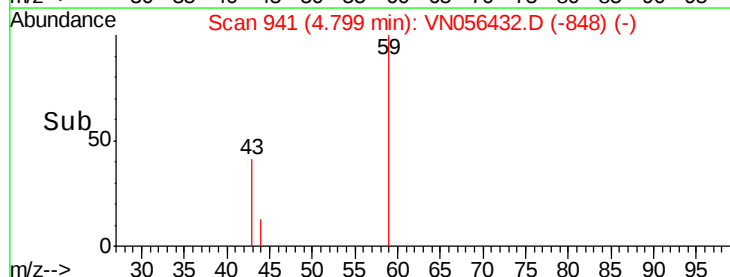
200

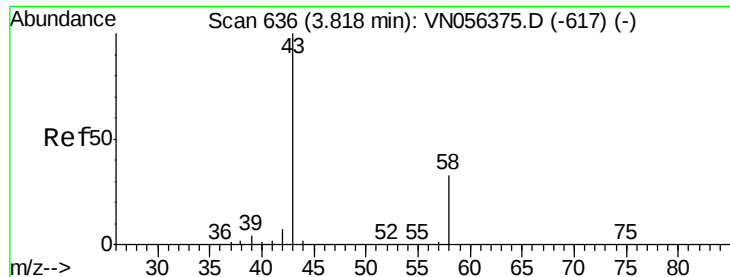
100

0

Time-->

4.78 4.80 4.82 4.84





#16

Acetone

Concen: 9.817 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

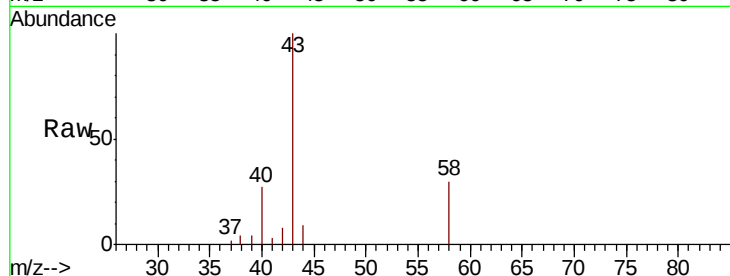
PB120805ZHE#03

Tot Ion: 43 Resp: 21173

Ion Ratio Lower Upper

43 100

58 30.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

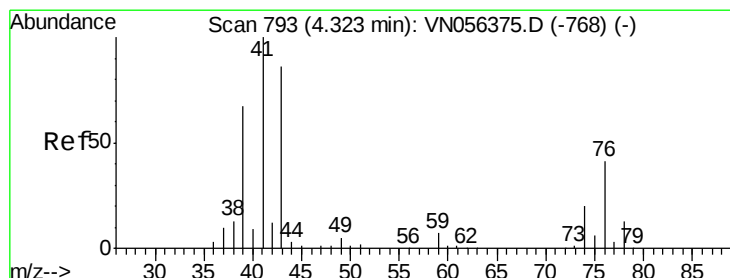
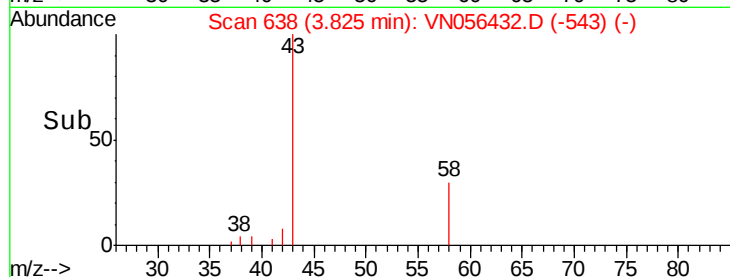
4000

2000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 0.638 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN056432.D

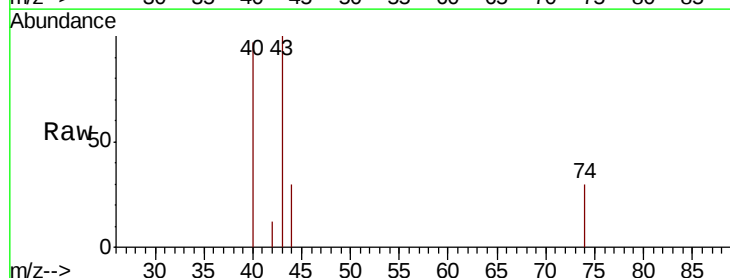
Acq: 21 Jun 2019 17:36

Tgt Ion: 43 Resp: 6313

Ion Ratio Lower Upper

43 100

74 19.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

2000

1500

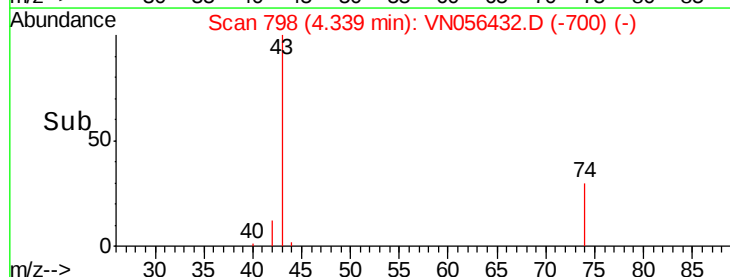
1000

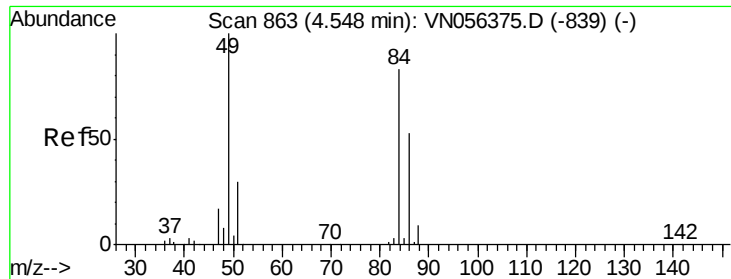
500

0

4.25 4.30 4.35 4.40

Time-->

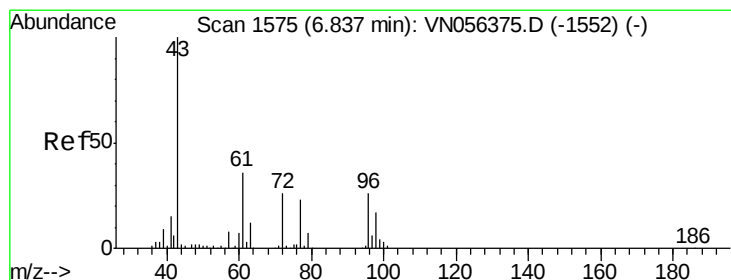
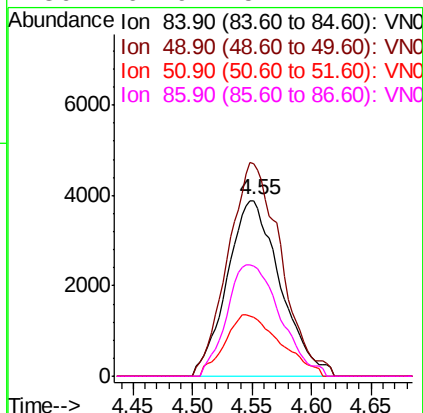
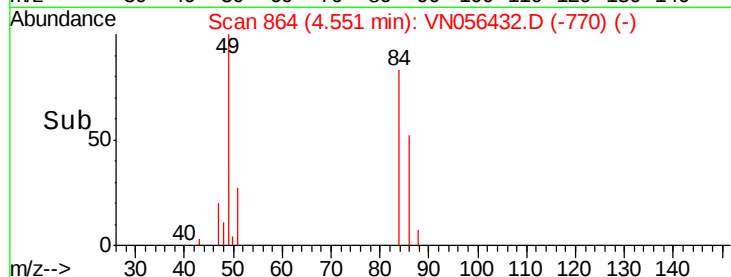
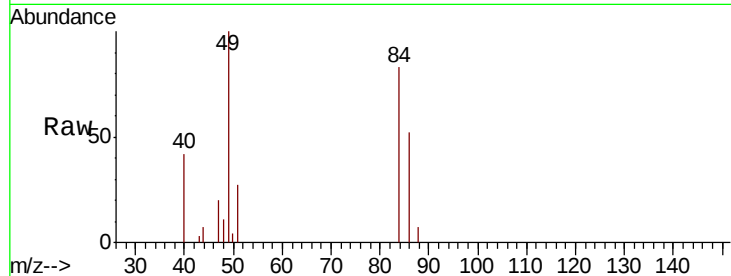




#20
Methvlene Chloride
Concen: 2.111 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056432.D
Acq: 21 Jun 2019 17:36

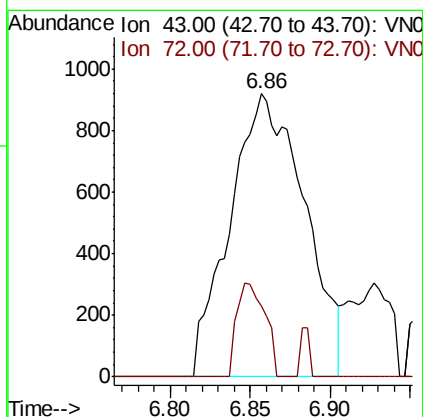
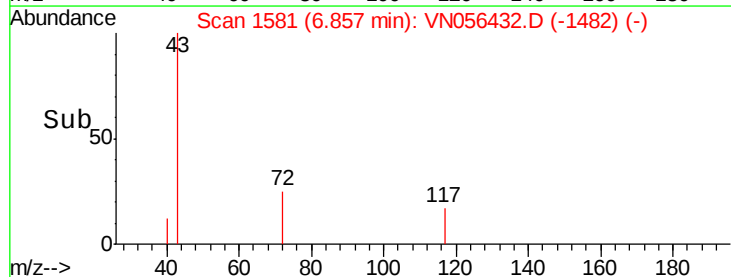
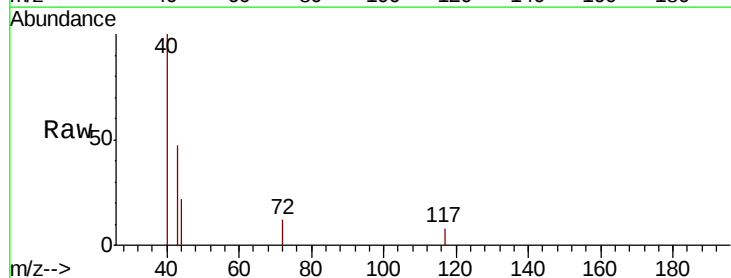
Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#03

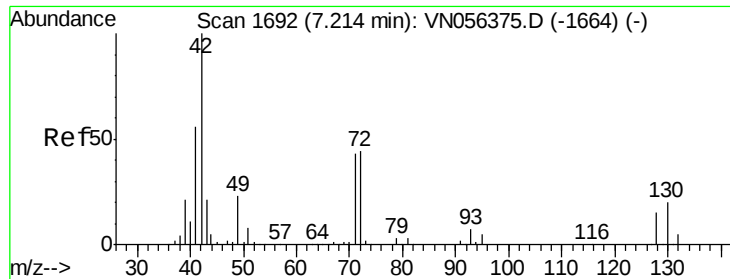
Tot Ion:	84	Resp:	12049
Ion	Ratio	Lower	Upper
84	100		
49	121.1	96.4	144.6
51	33.2	28.6	43.0
86	62.9	51.4	77.2



#25
2-Butanone
Concen: 1.036 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056432.D
Acq: 21 Jun 2019 17:36

Tgt Ion:	43	Resp:	2956
Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.6	31.0





#29

Tetrahydrofuran

Concen: 0.815 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#03

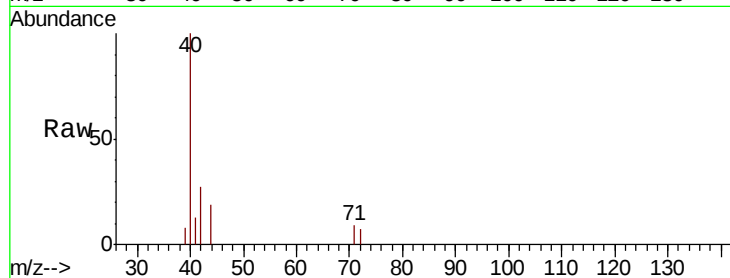
Tot Ion: 42 Resp: 1422

Ion Ratio Lower Upper

42 100

72 13.3 34.7 52.1#

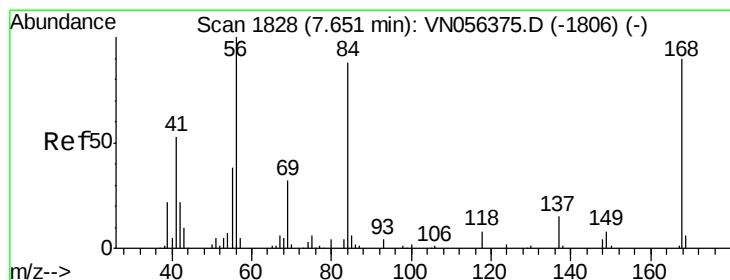
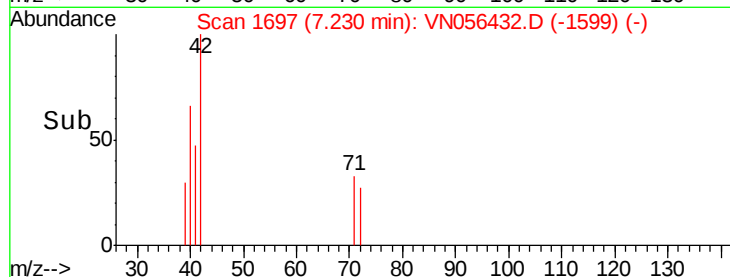
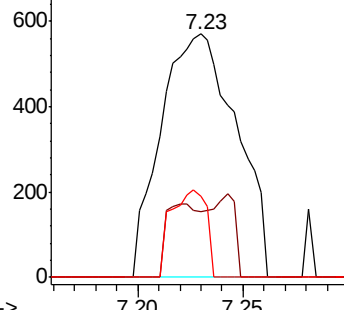
71 16.7 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.955 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

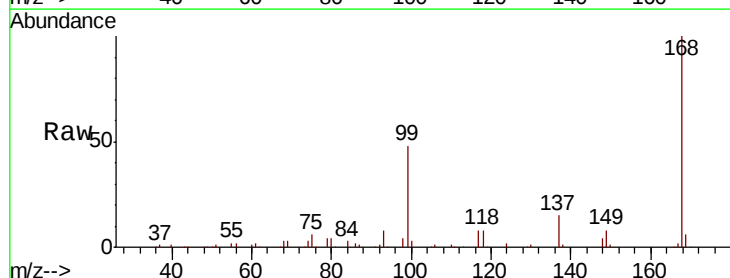
Tgt Ion: 56 Resp: 6351

Ion Ratio Lower Upper

56 100

69 172.2 25.8 38.6#

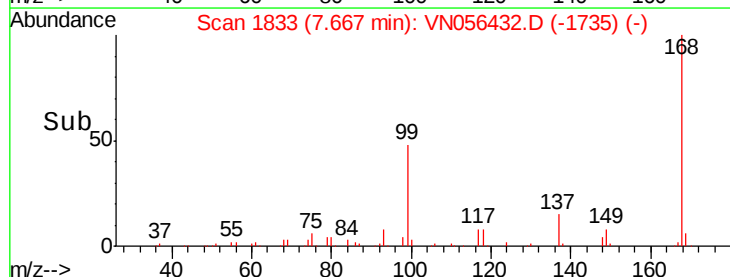
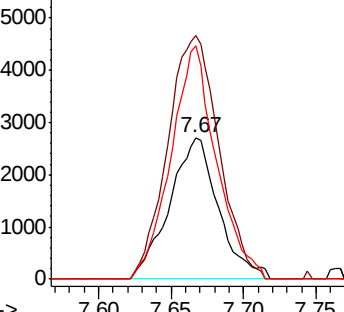
84 165.0 69.4 104.0#

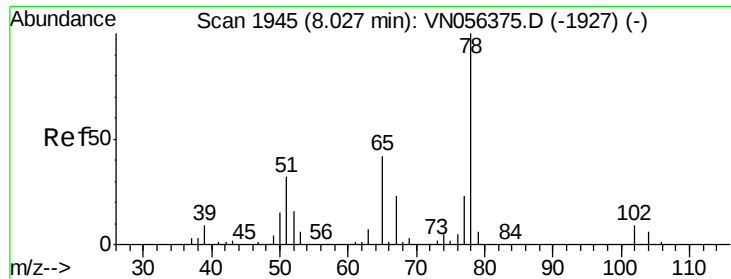


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

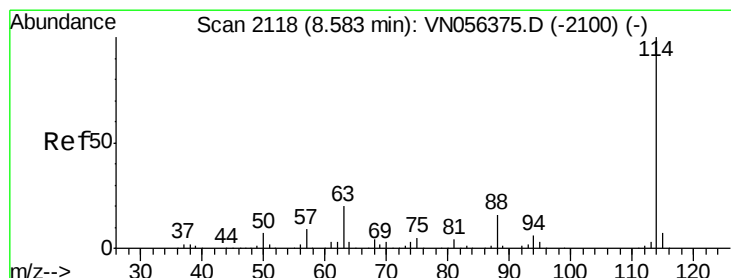
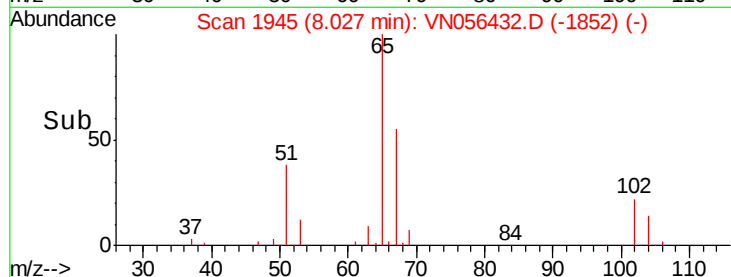
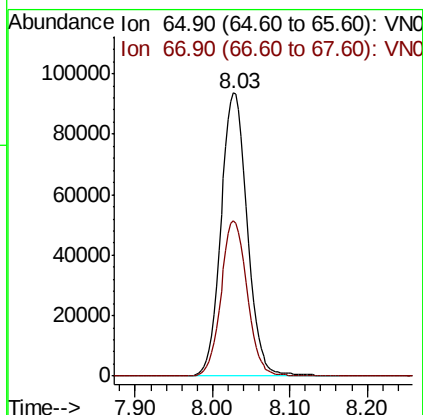
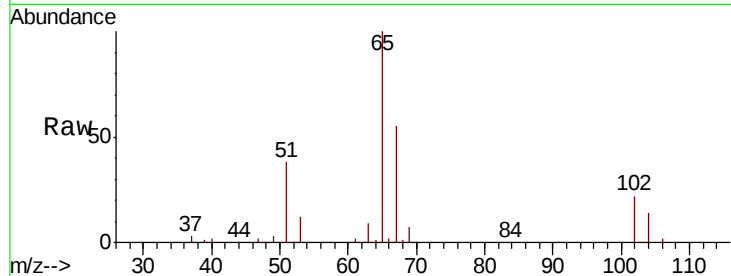




#33
 1,2-Dichloroethane-d4
 Concen: 51.440 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

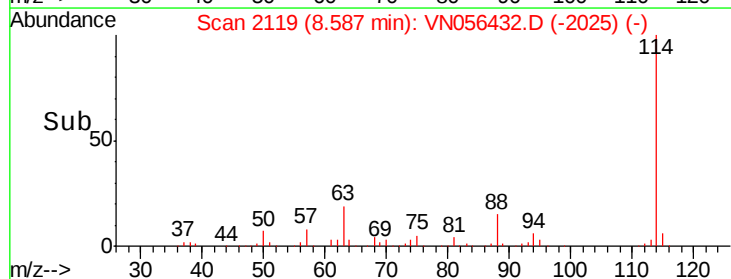
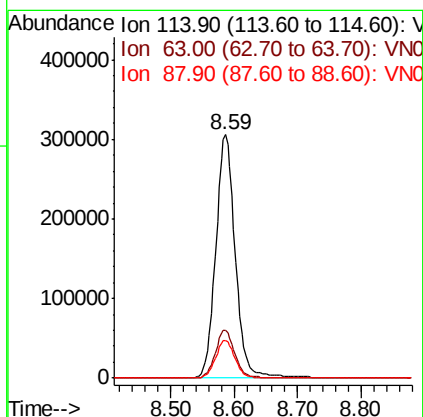
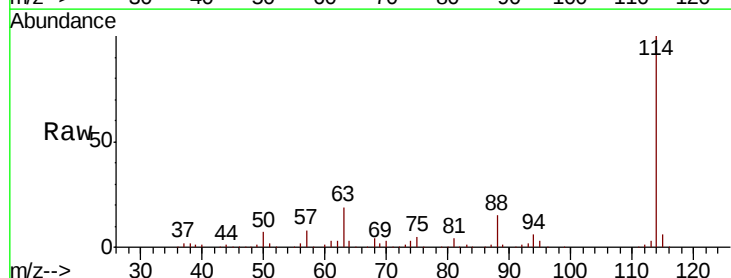
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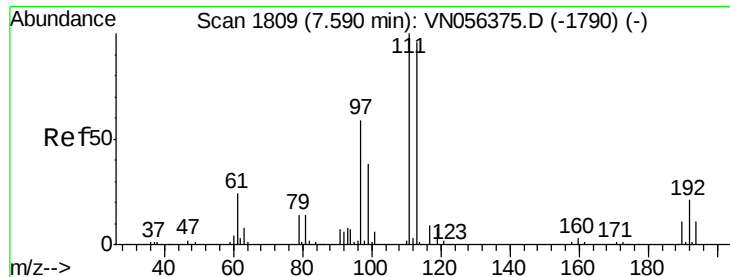
Tot Ion: 65 Resp: 221434
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Tgt Ion: 114 Resp: 652406
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.3 0.0 31.4

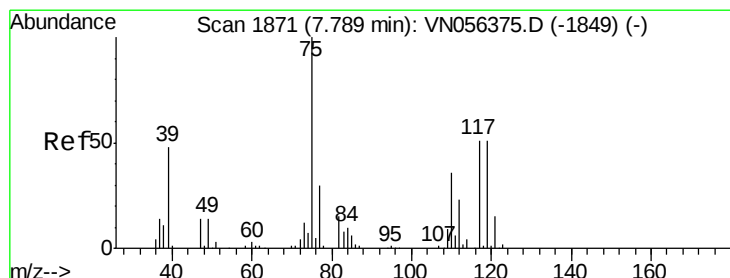
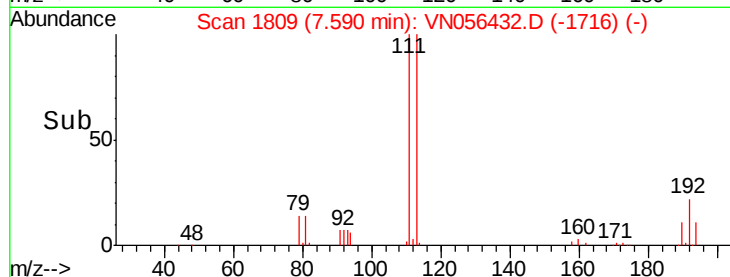
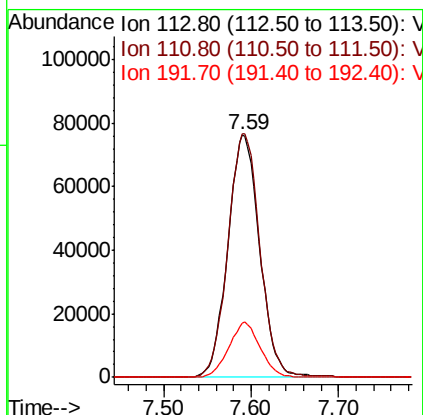
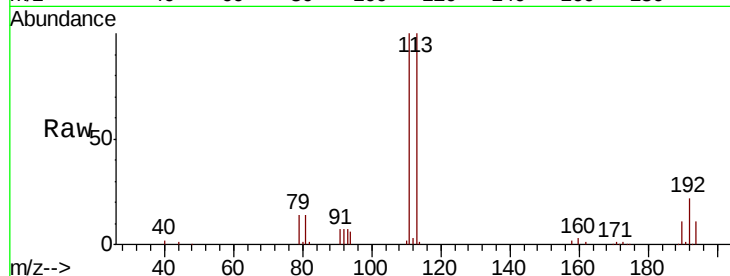




#35
 Dibromofluoromethane
 Concen: 47.315 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

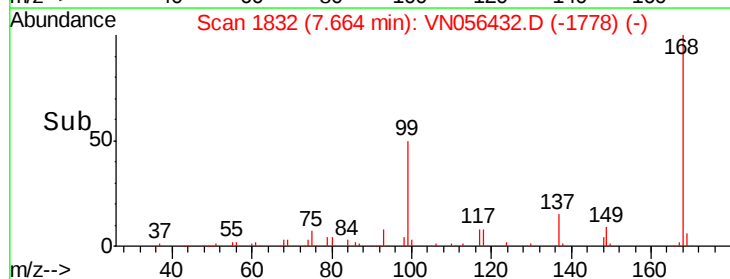
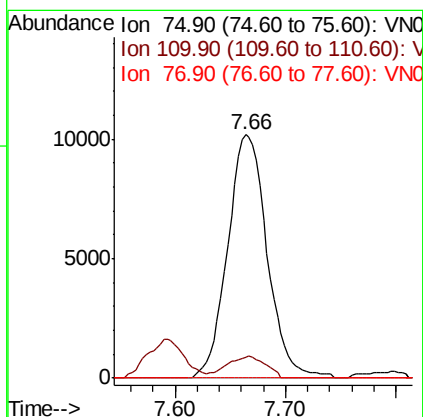
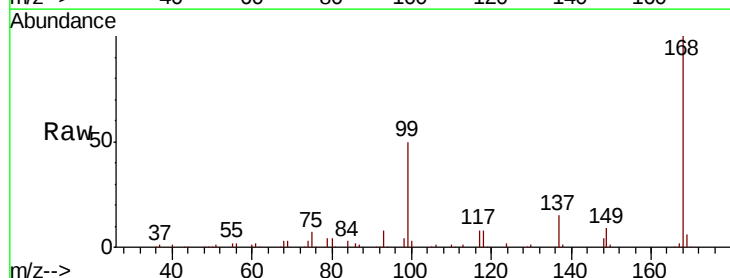
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

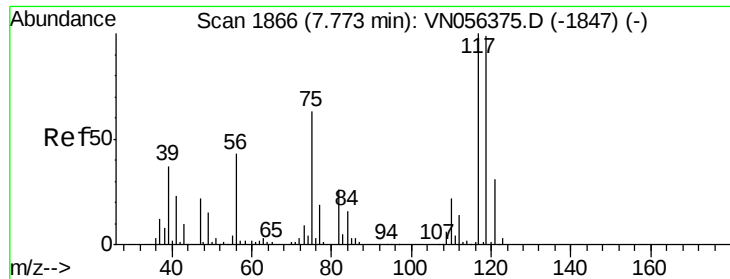
Tot Ion:113 Resp: 192570
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.9 124.3
 192 22.3 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 4.403 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Tgt Ion: 75 Resp: 25281
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.3#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.555 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#03

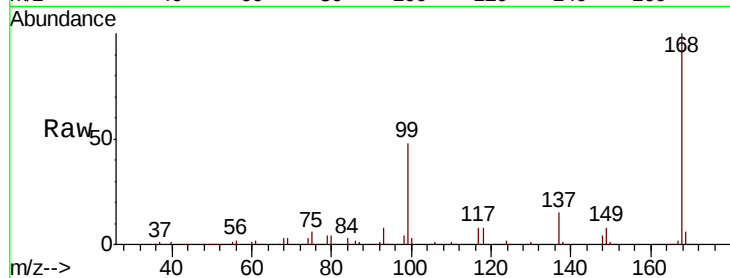
Tot Ion:117 Resp: 32917

Ion Ratio Lower Upper

117 100

119 4.1 79.1 118.7#

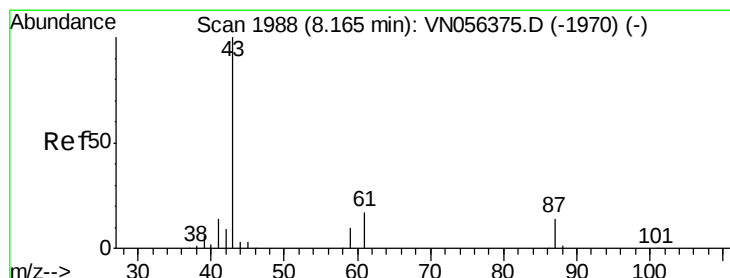
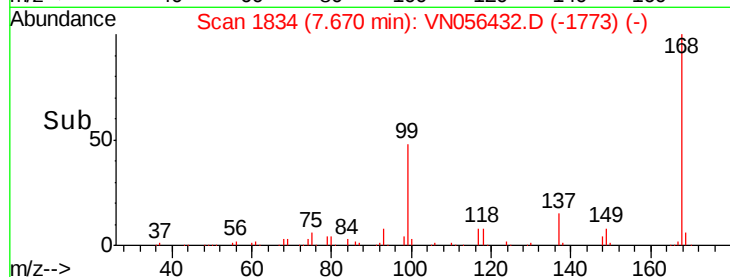
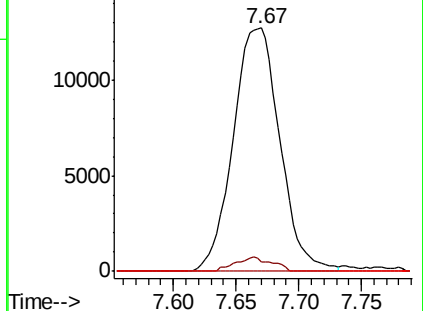
121 0.0 24.8 37.2#



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: 2.031 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

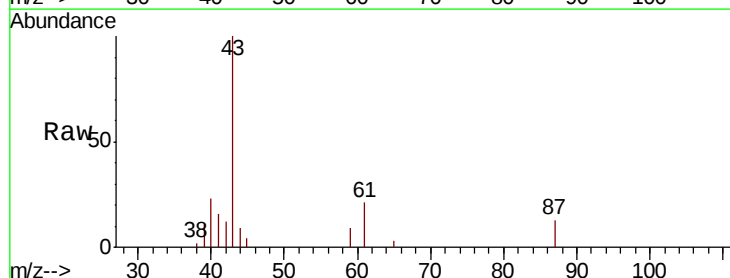
Tgt Ion: 43 Resp: 17673

Ion Ratio Lower Upper

43 100

61 20.9 22.0 33.0#

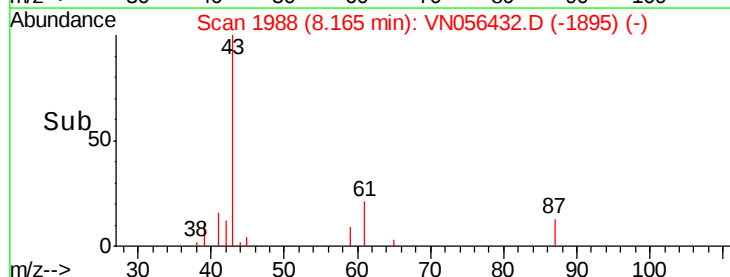
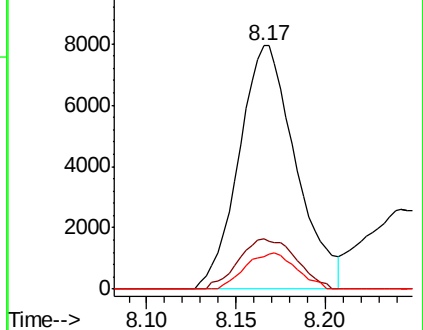
87 13.3 11.0 16.4

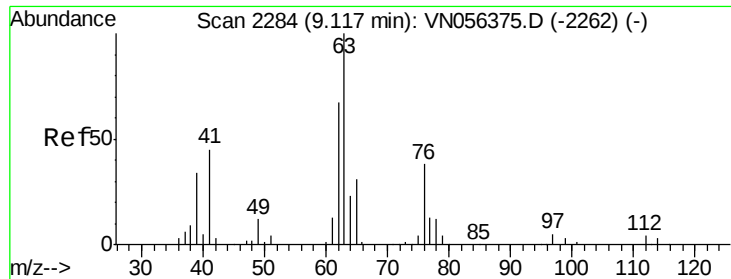


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.345 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

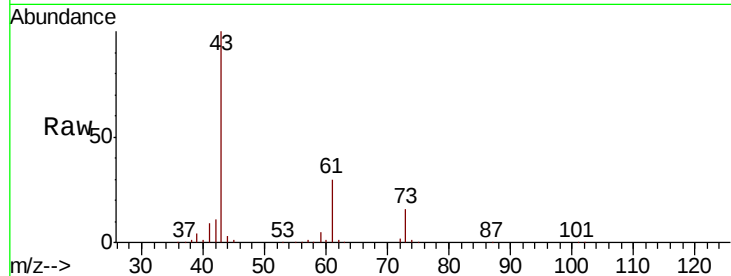
PB120805ZHE#03

Tot Ion: 63 Resp: 1630

Ion Ratio Lower Upper

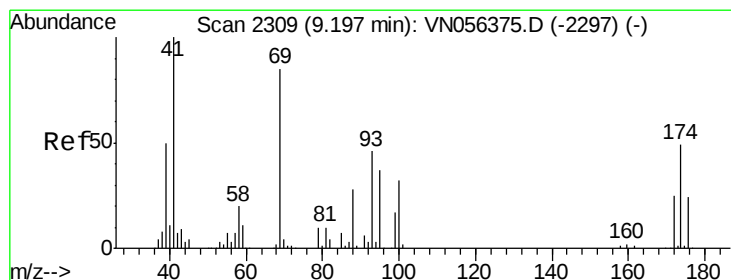
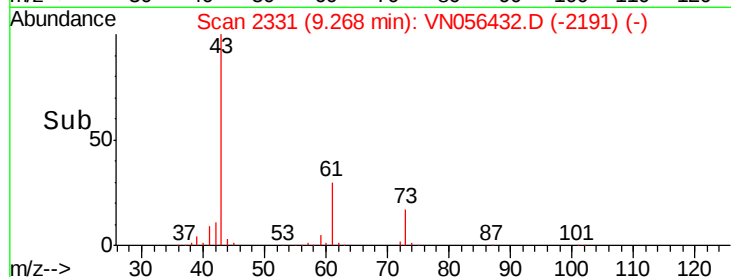
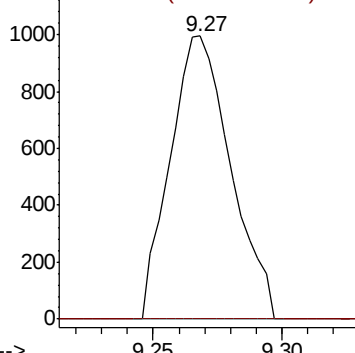
63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 2.373 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

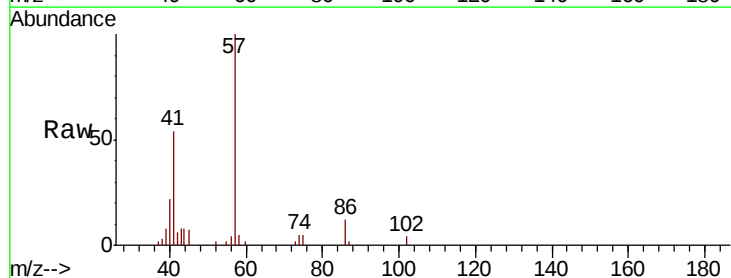
Tgt Ion: 41 Resp: 10347

Ion Ratio Lower Upper

41 100

69 0.0 72.6 109.0#

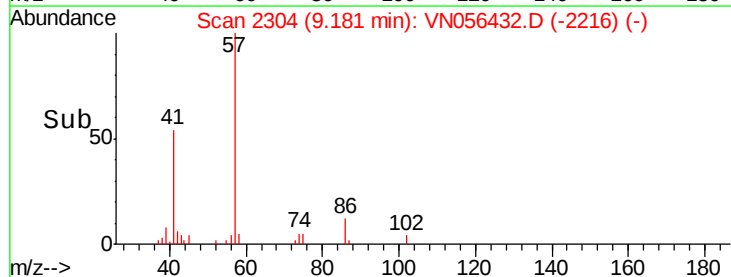
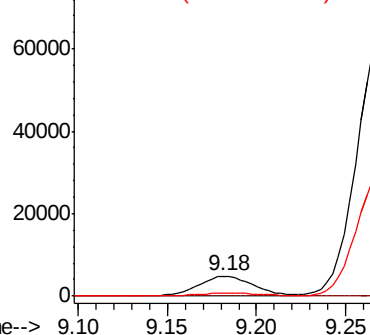
39 16.6 42.6 63.8#

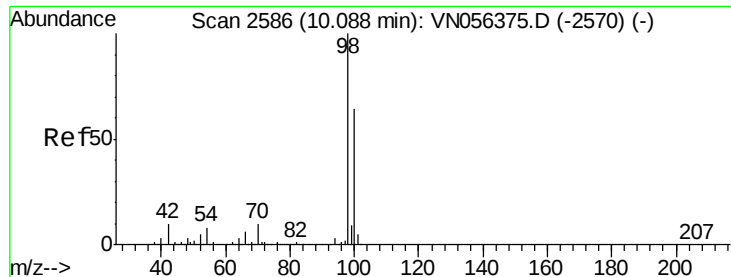


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 51.097 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

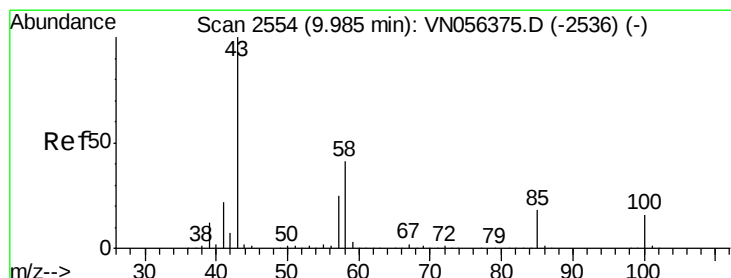
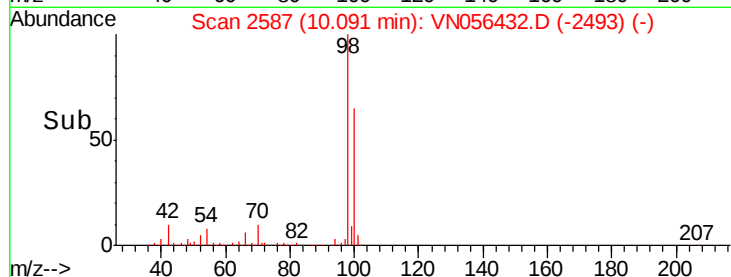
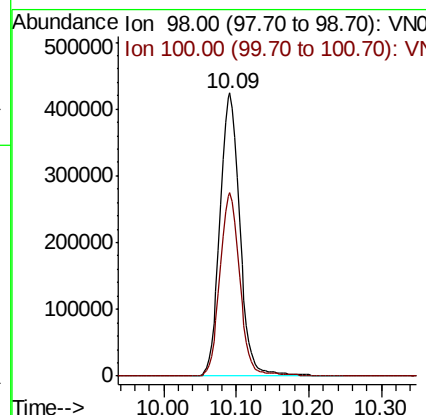
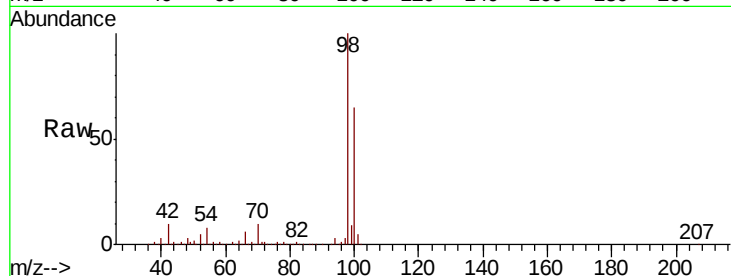
PB120805ZHE#03

Tot Ion: 98 Resp: 809201

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 0.949 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056432.D

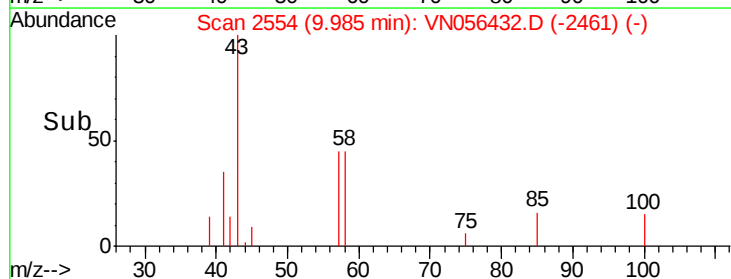
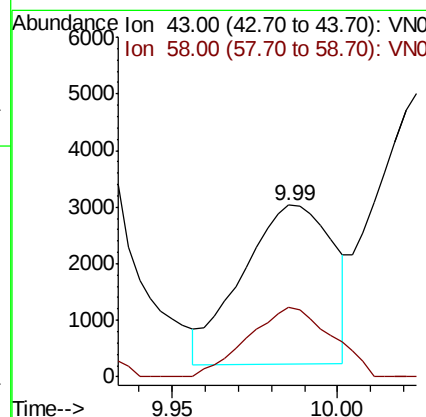
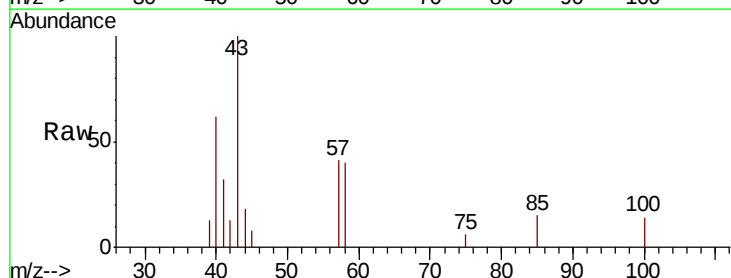
Acq: 21 Jun 2019 17:36

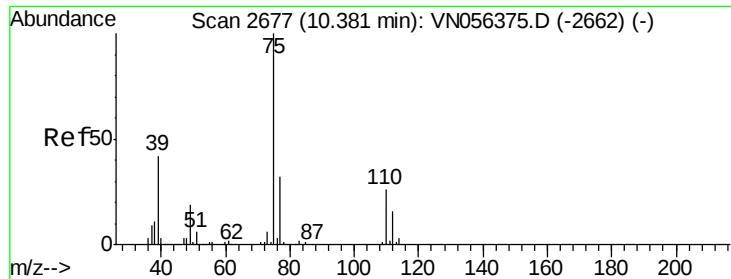
Tgt Ion: 43 Resp: 5331

Ion Ratio Lower Upper

43 100

58 40.6 31.8 47.8





#53

t-1,3-Dichloropropene

Concen: 2.902 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. -0.29 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

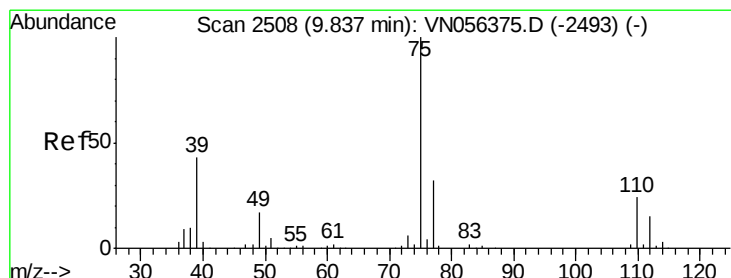
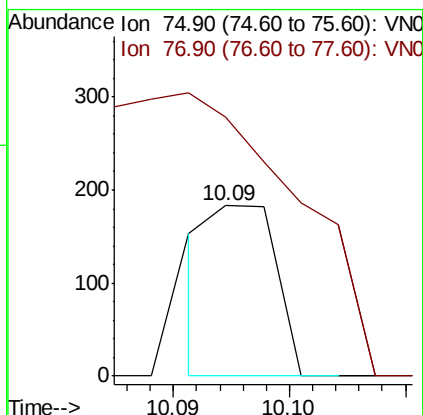
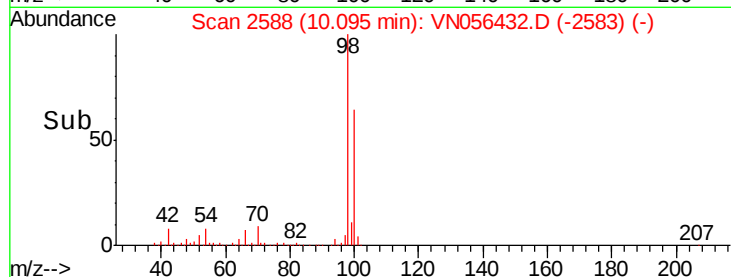
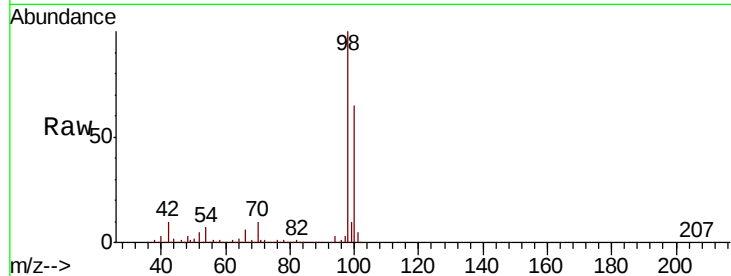
PB120805ZHE#03

Tot Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

77 63.4 25.4 38.2#



#54

cis-1,3-Dichloropropene

Concen: 7.894 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

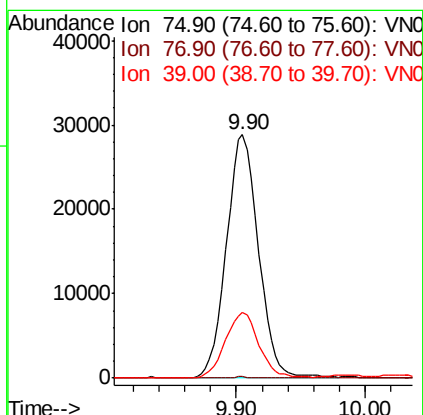
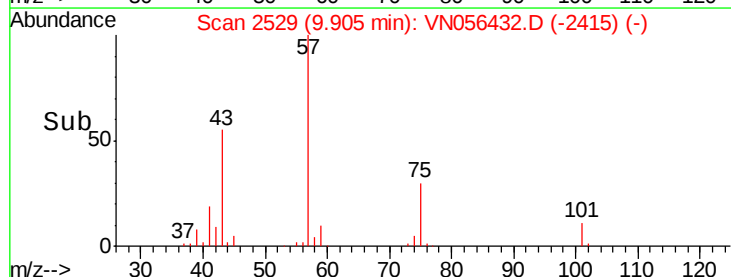
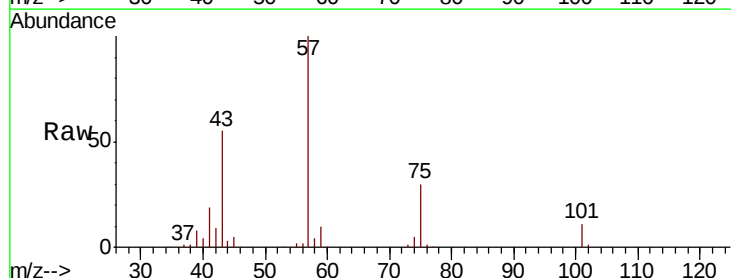
Tgt Ion: 75 Resp: 49826

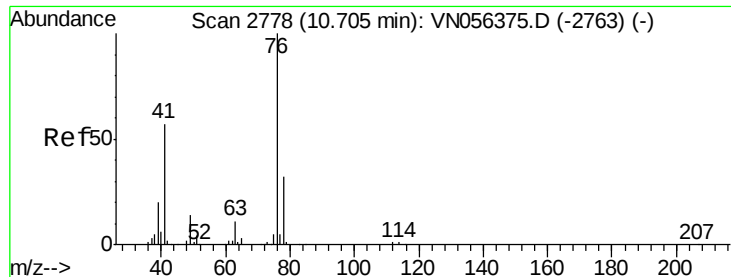
Ion Ratio Lower Upper

75 100

77 0.5 25.2 37.8#

39 26.7 34.2 51.4#

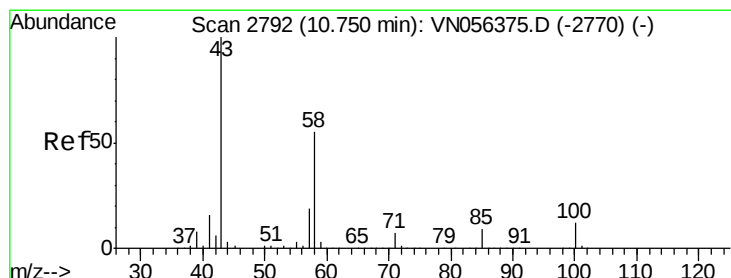
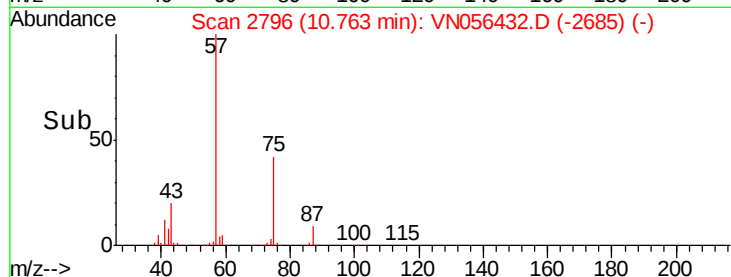
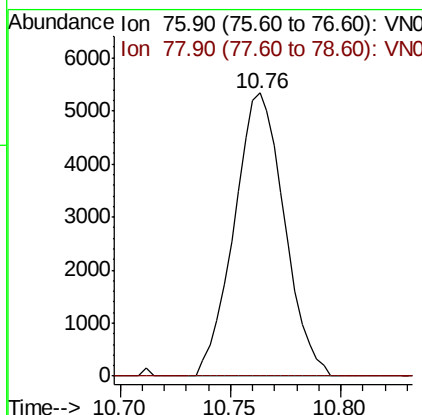
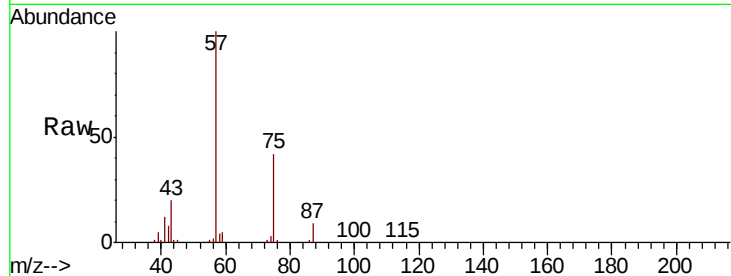




#57
 1,3-Dichloropropane
 Concen: 1.156 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

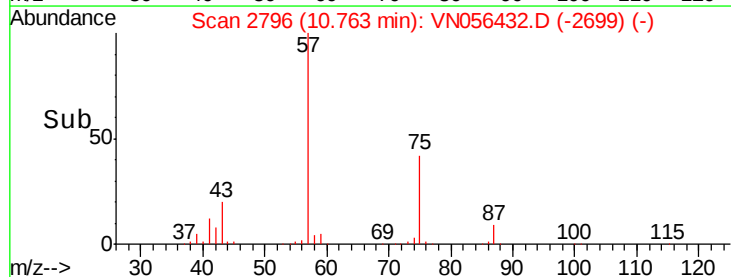
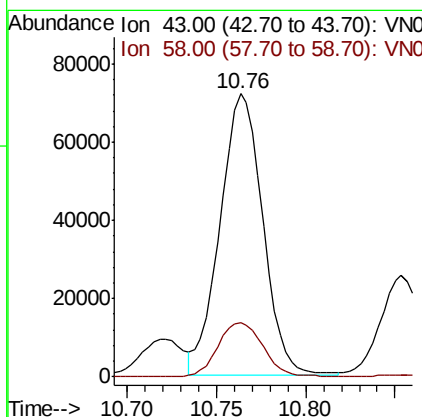
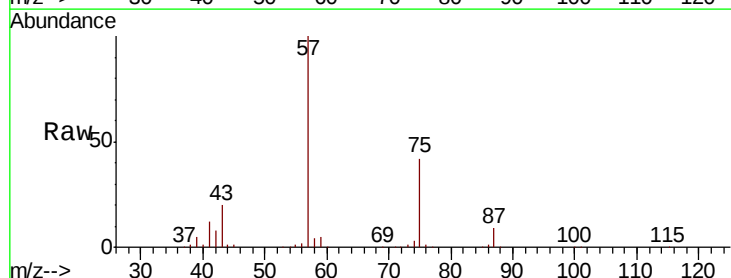
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

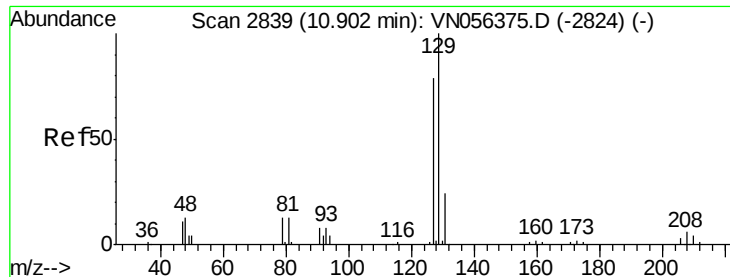
Tot Ion: 76 Resp: 8432
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 29.020 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Tgt Ion: 43 Resp: 119789
 Ion Ratio Lower Upper
 43 100
 58 20.5 27.8 83.4#





#60

Dibromochloromethane

Concen: 2.465 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

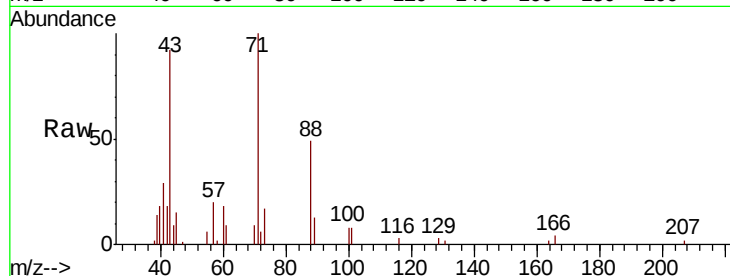
PB120805ZHE#03

Tot Ion:129 Resp: 390

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

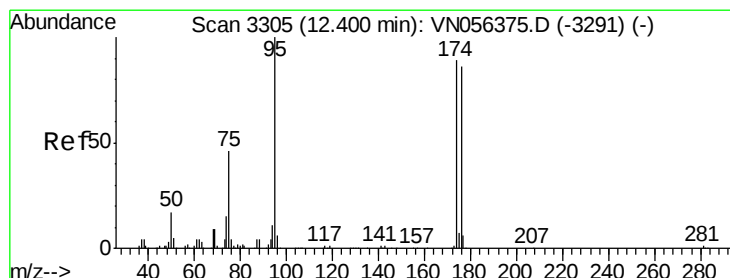
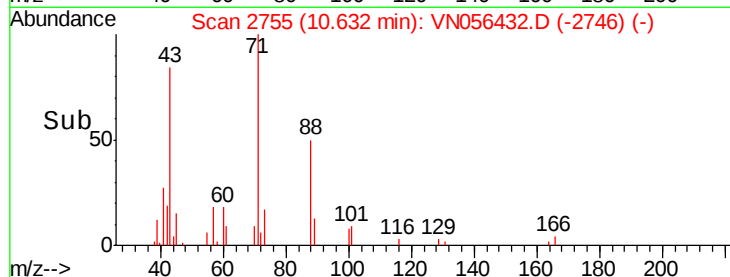
300

200

100

0

Time--> 10.60 10.62 10.64



#62

4-Bromofluorobenzene

Concen: 50.486 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

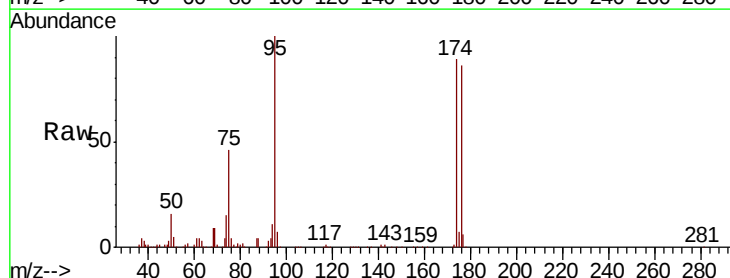
Tgt Ion: 95 Resp: 266524

Ion Ratio Lower Upper

95 100

174 91.2 0.0 179.4

176 87.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

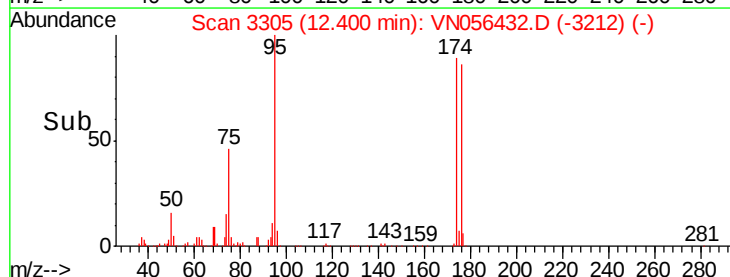
150000

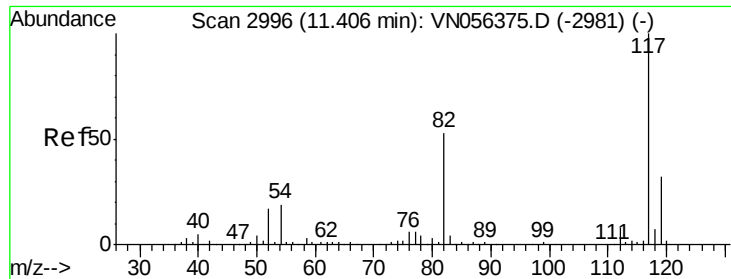
100000

50000

0

Time--> 12.30 12.40 12.50

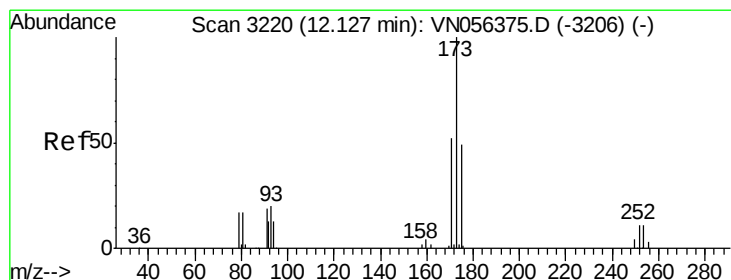
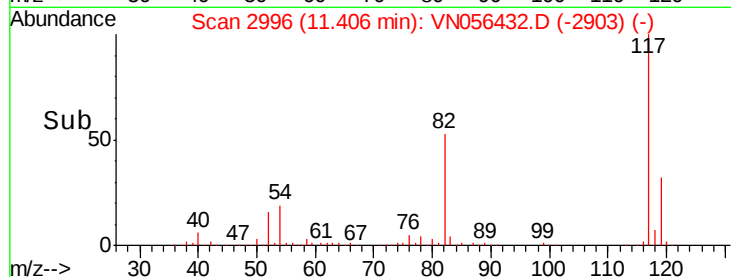
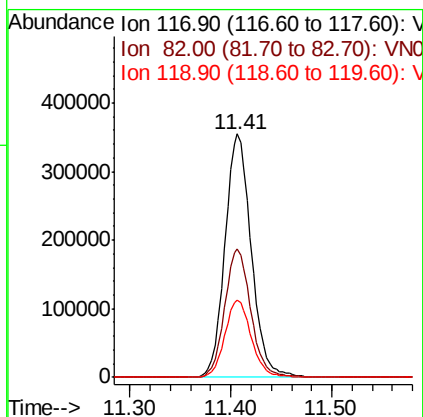
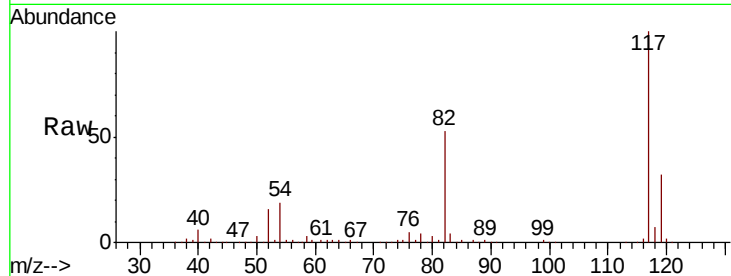




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056432.D
Acq: 21 Jun 2019 17:36

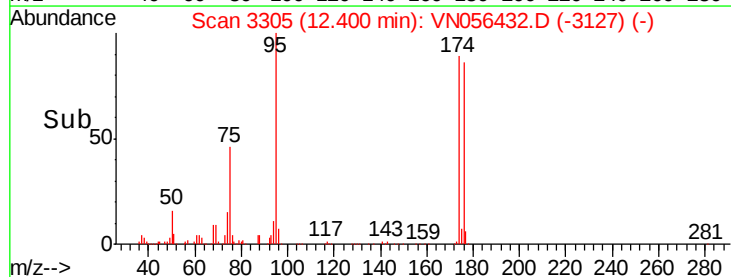
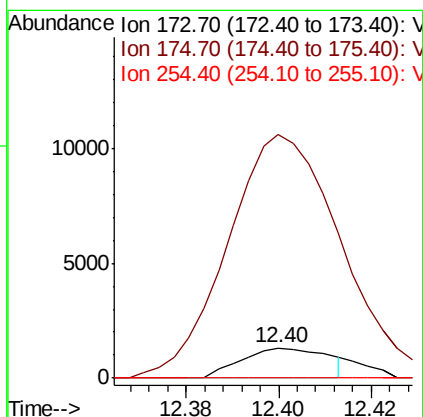
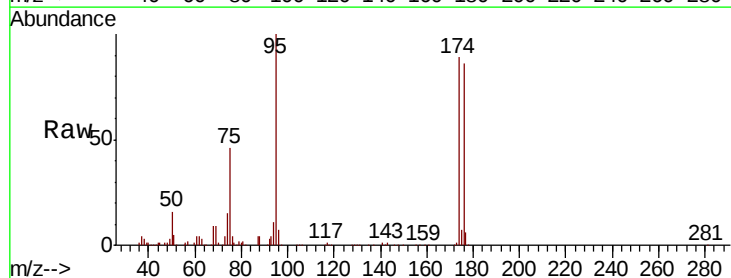
Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#03

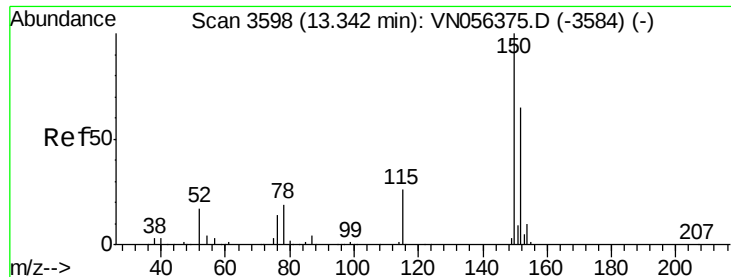
Tot Ion:117 Resp: 644541
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 31.8 25.3 37.9



#71
Bromoform
Concen: 3.595 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056432.D
Acq: 21 Jun 2019 17:36

Tgt Ion:173 Resp: 1704
Ion Ratio Lower Upper
173 100
175 917.4 24.4 73.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#03

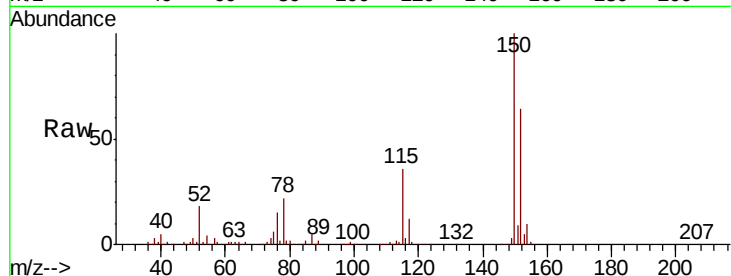
Tot Ion:152 Resp: 195312

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.4

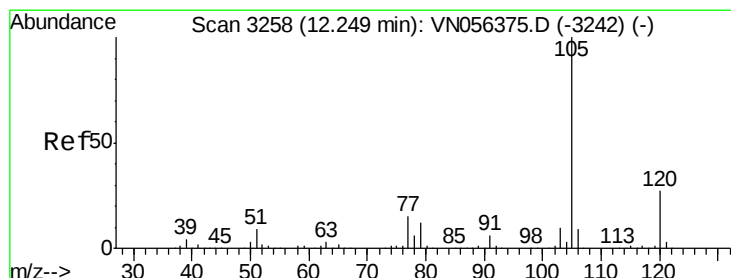
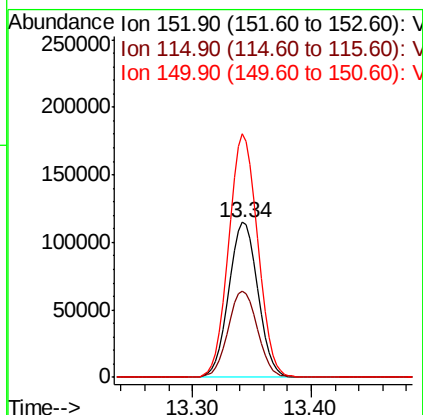
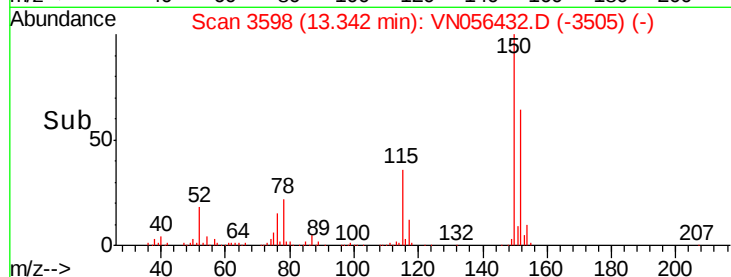
150 156.2 0.0 348.4



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056432.D

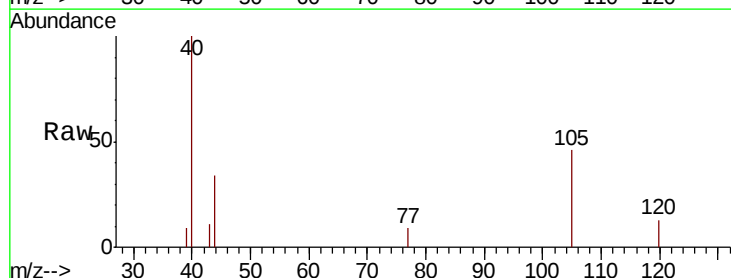
Acq: 21 Jun 2019 17:36

Tgt Ion:105 Resp: 1242

Ion Ratio Lower Upper

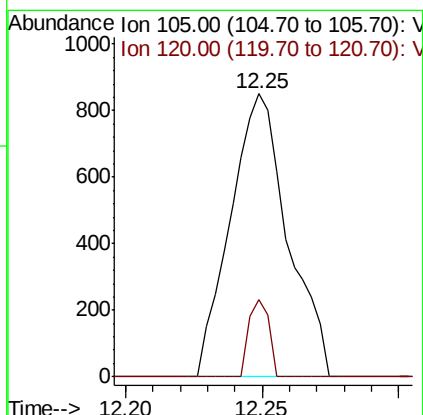
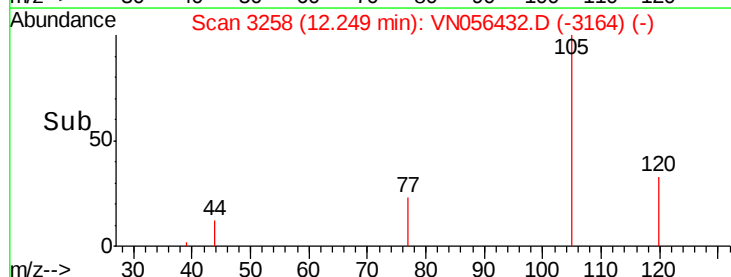
105 100

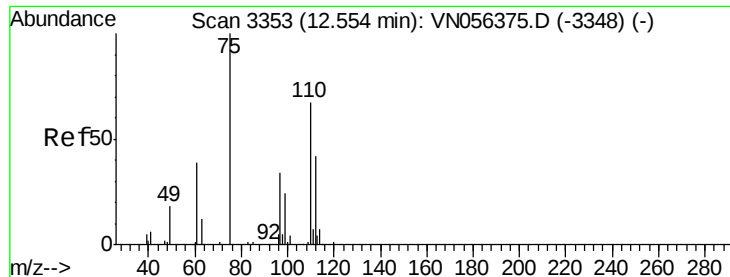
120 9.3 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 30.588 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

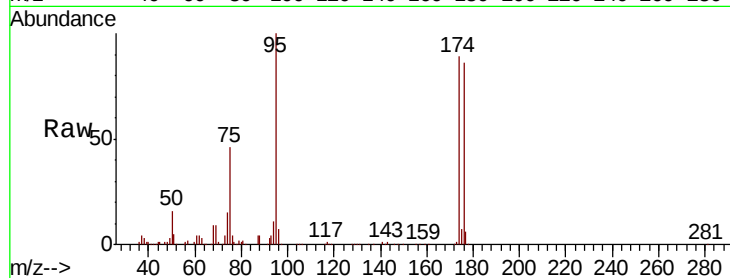
PB120805ZHE#03

Tot Ion: 75 Resp: 123877

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

12.40

80000

60000

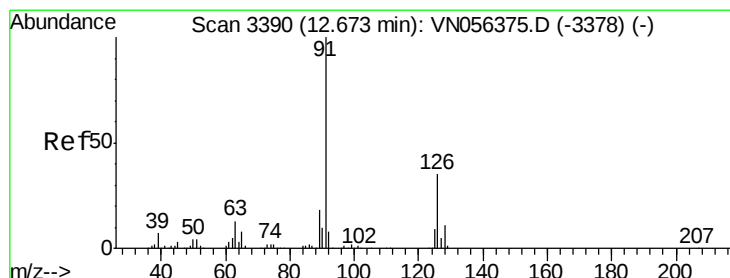
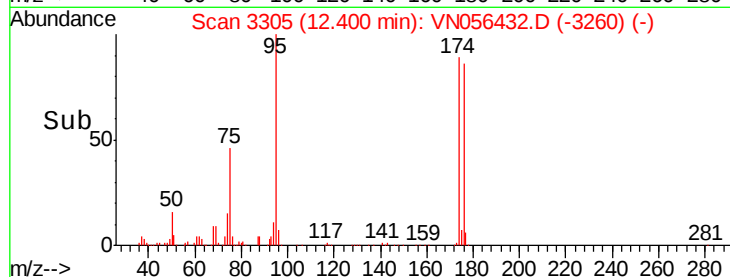
40000

20000

0

12.35 12.40 12.45

Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN056432.D

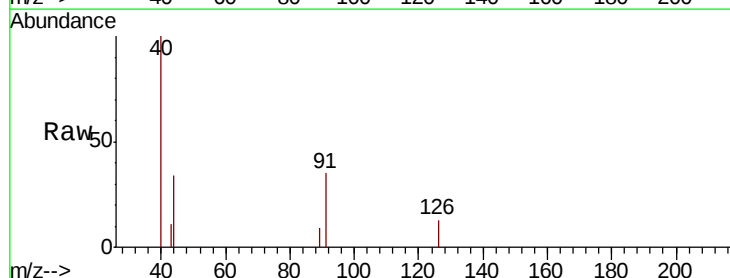
Acq: 21 Jun 2019 17:36

Tgt Ion: 91 Resp: 1087

Ion Ratio Lower Upper

91 100

126 20.4 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.68

800

600

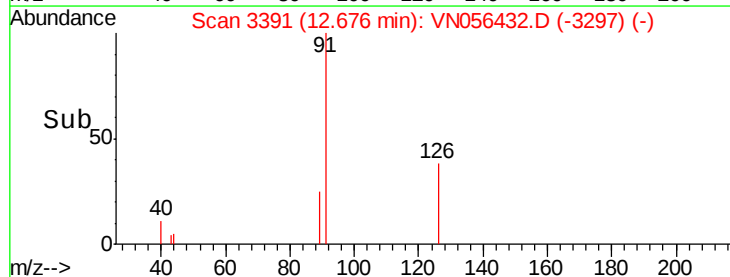
400

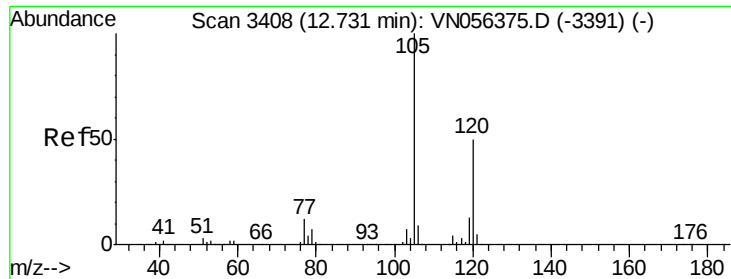
200

0

12.65 12.70

Time-->

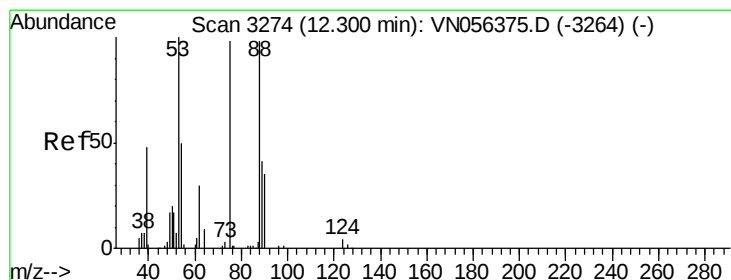
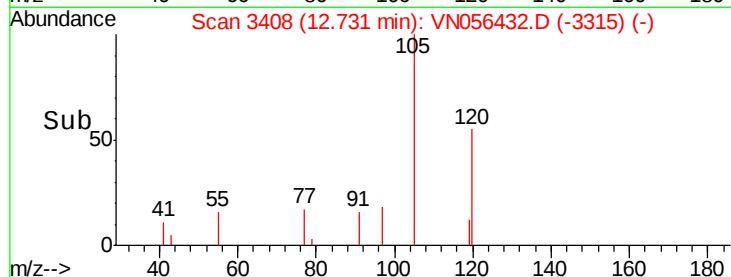
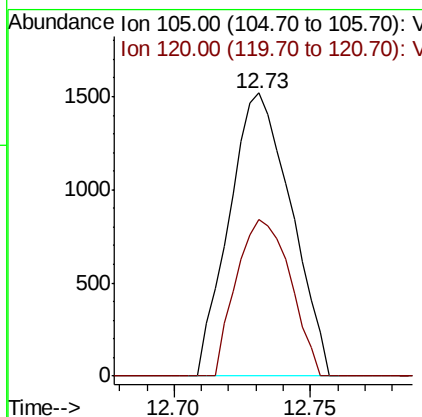
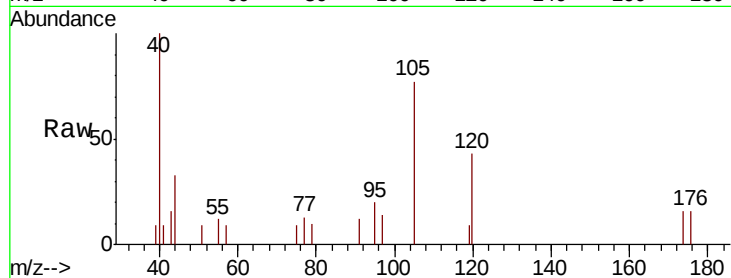




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

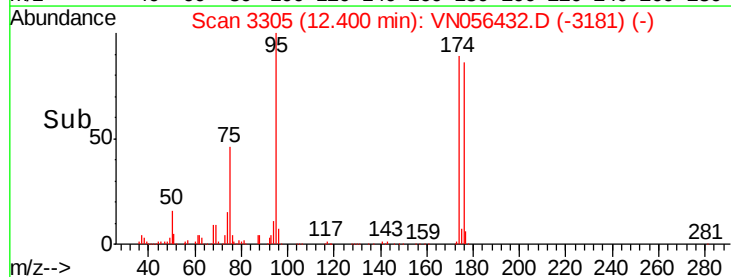
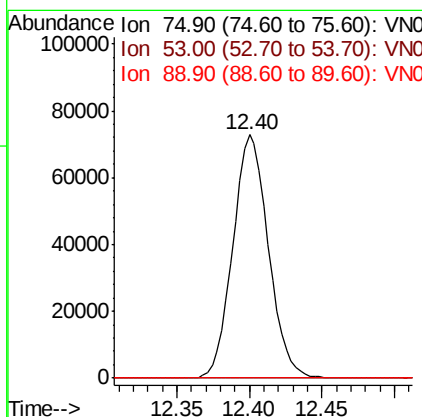
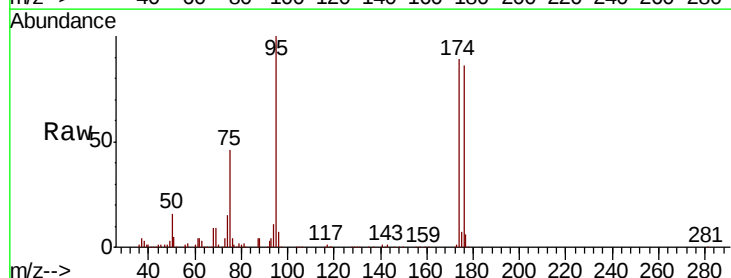
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

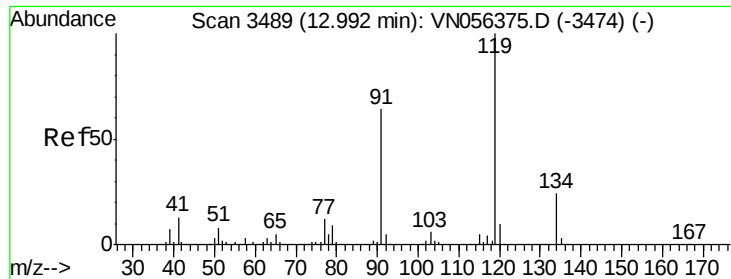
Tot Ion:105 Resp: 2396
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.715 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Tgt Ion: 75 Resp: 123877
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 35.0 52.6#

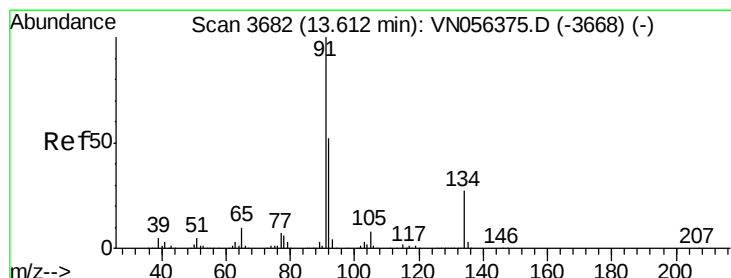
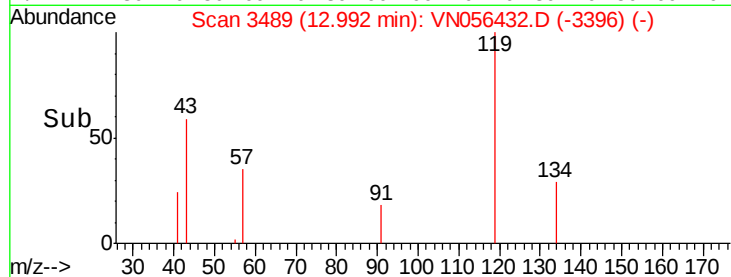
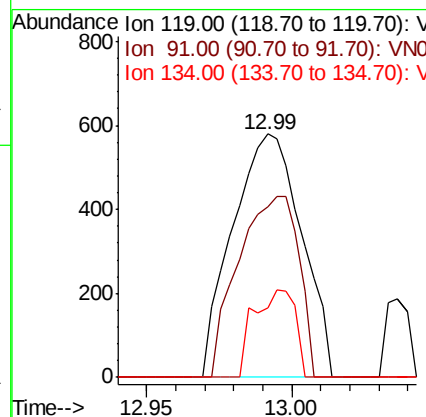
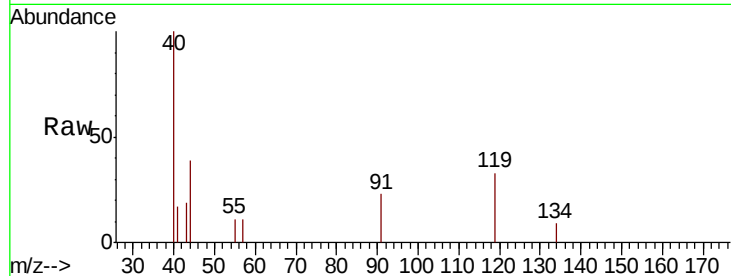




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

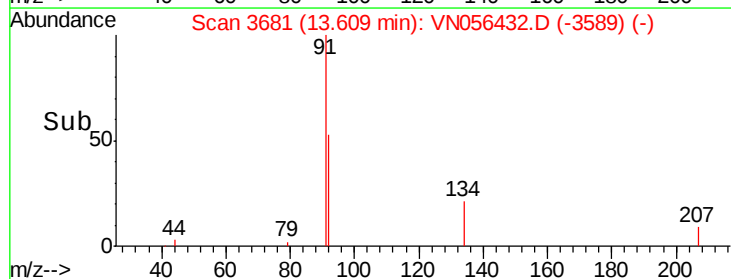
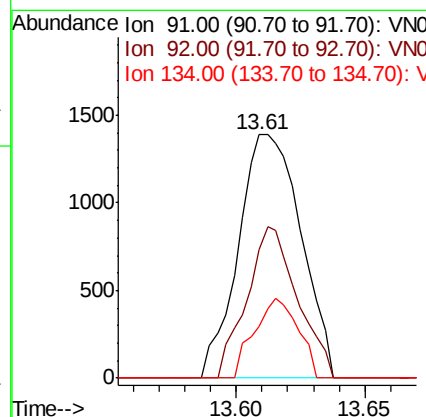
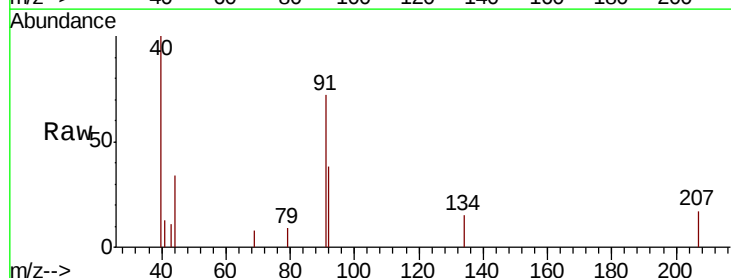
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

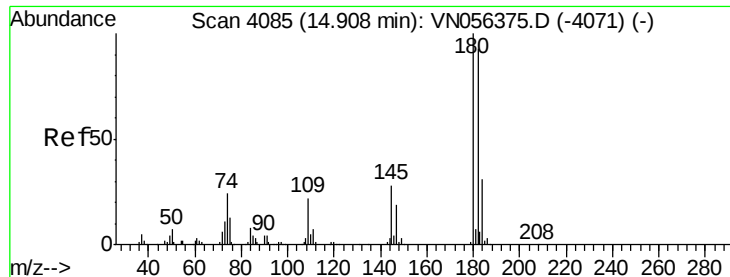
Tot Ion:	119	Resp:	959
Ion	Ratio	Lower	Upper
119	100		
91	65.1	31.6	94.7
134	21.6	13.2	39.5



#89
 n-Butylbenzene
 Concen: 0.230 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. -0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Tgt Ion:	91	Resp:	2354
Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.2	78.5
134	22.9	13.4	40.2

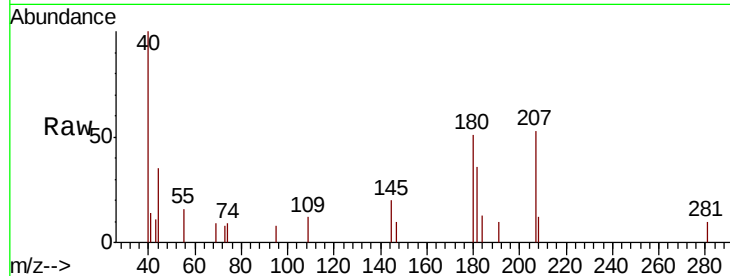




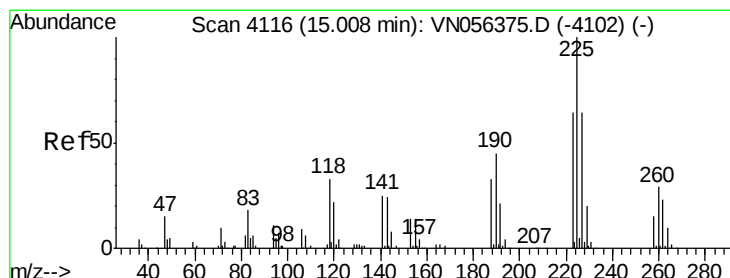
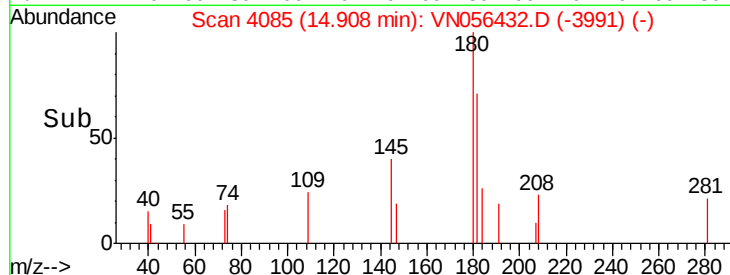
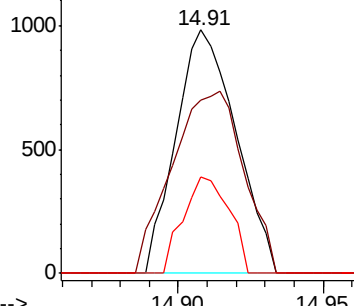
#93
 1,2,4-Trichlorobenzene
 Concen: 5.981 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#03

Tot Ion:180 Resp: 1415
 Ion Ratio Lower Upper
 180 100
 182 89.2 46.9 140.6
 145 30.3 14.4 43.0

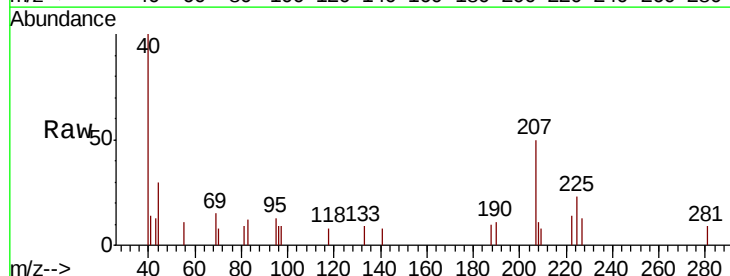


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

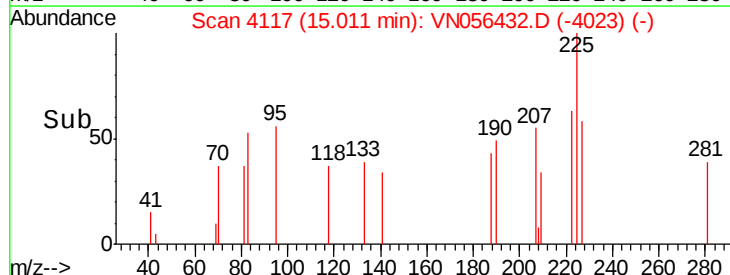
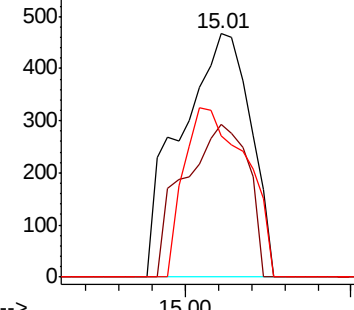


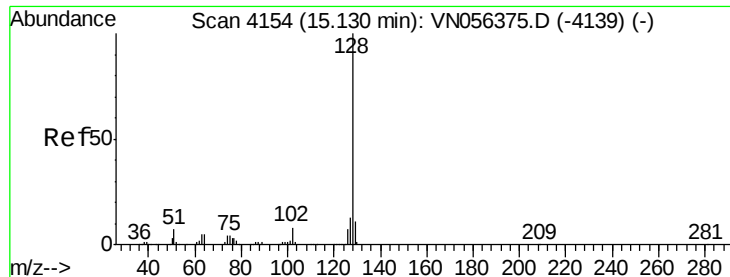
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056432.D
 Acq: 21 Jun 2019 17:36

Tgt Ion:225 Resp: 689
 Ion Ratio Lower Upper
 225 100
 223 57.3 31.4 94.3
 227 61.5 32.1 96.3



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: 5.724 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#03

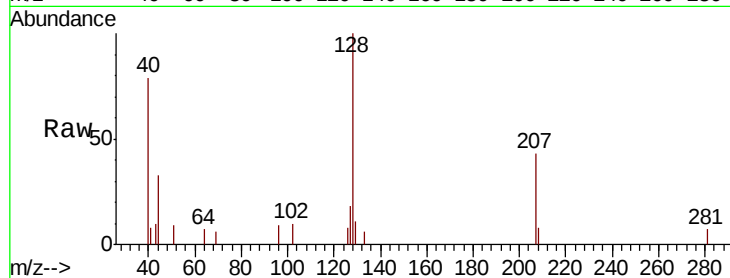
Tot Ion:128 Resp: 4785

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

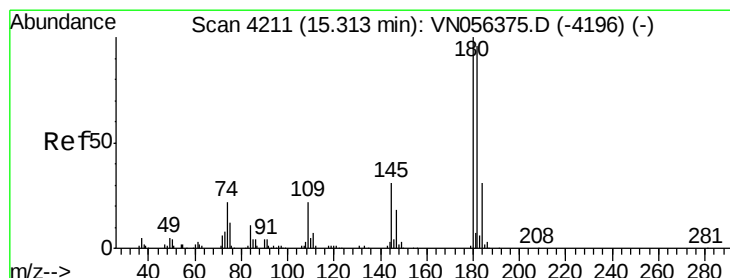
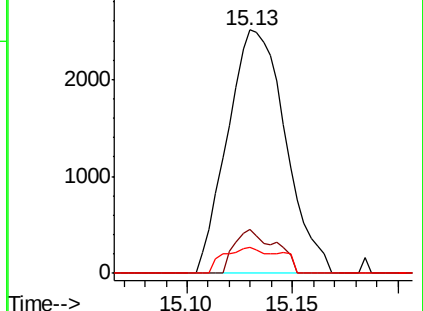
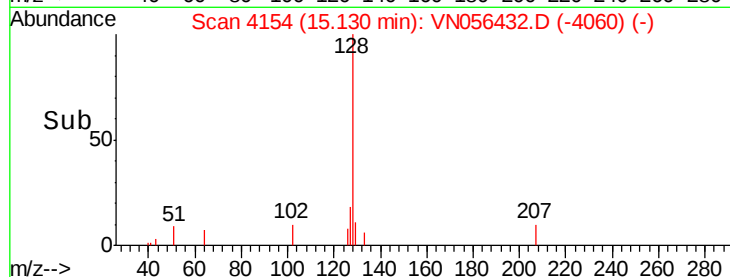
129 7.9 8.6 12.8#



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: 4.973 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056432.D

Acq: 21 Jun 2019 17:36

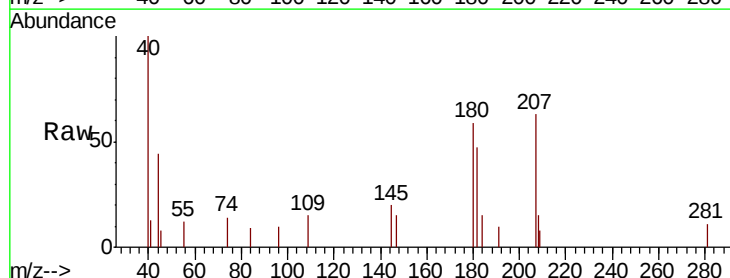
Tgt Ion:180 Resp: 1915

Ion Ratio Lower Upper

180 100

182 92.2 48.3 144.8

145 30.6 15.4 46.1



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

