

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056453.D
 Acq On : 24 Jun 2019 14:12
 Operator : JC/SP
 Sample : PB120834ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#08

Quant Time: Jun 25 01:20:04 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	7.66	168	375556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	638809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	639193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187771	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	212876	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
35) Dibromofluoromethane	7.59	113	184466	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
50) Toluene-d8	10.09	98	794721	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	256941	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	

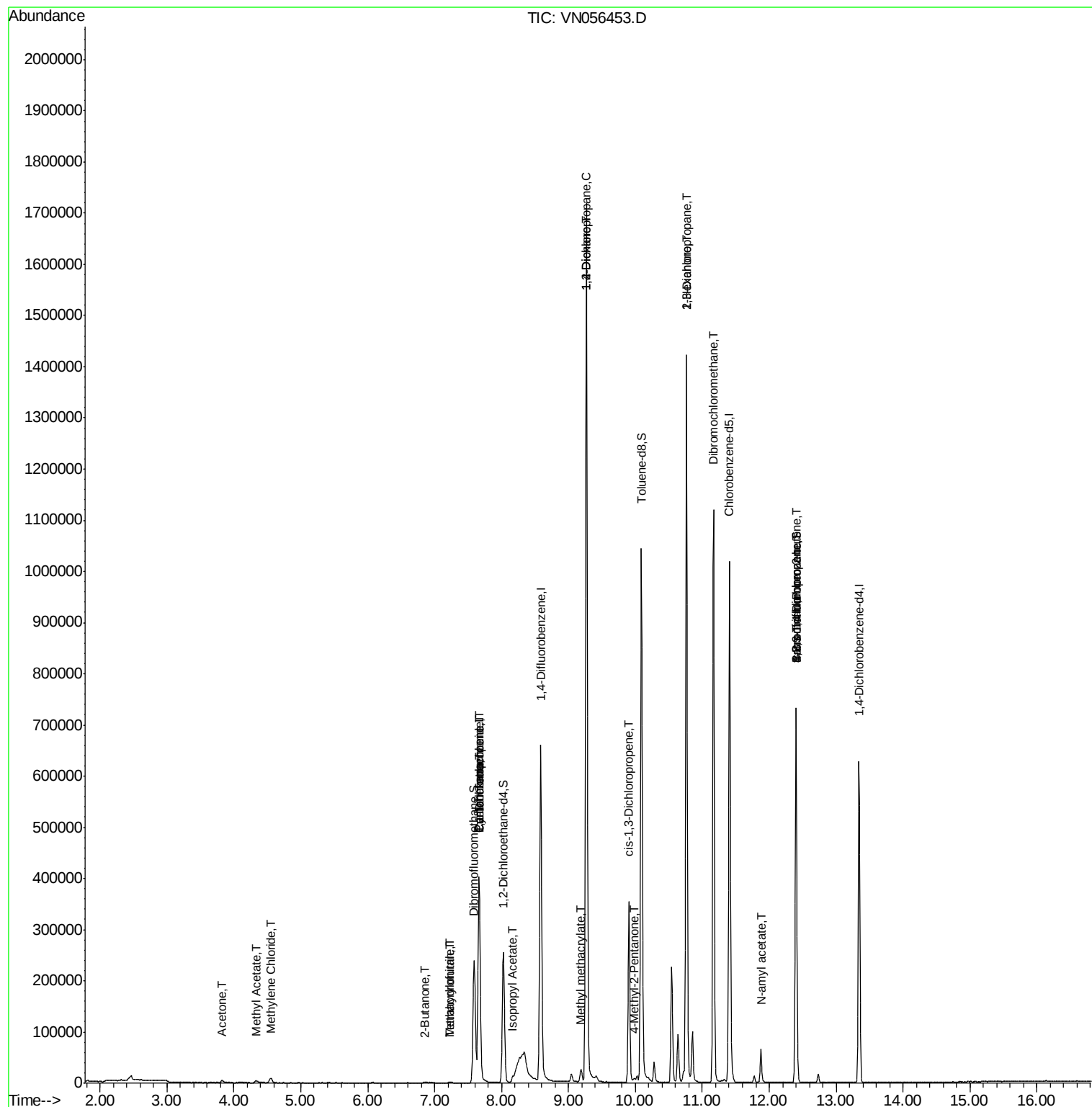
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	8109	3.888	ug/l	100
18) Methyl Acetate	4.33	43	8254	1.174	ug/l	93
20) Methylene Chloride	4.55	84	7134	0.941	ug/l	87
25) 2-Butanone	6.86	43	1084	0.393	ug/l #	49
29) Tetrahydrofuran	7.22	42	1542	0.914	ug/l #	70
31) Cyclohexane	7.67	56	6112	0.951	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24063	4.280	ug/l #	48
38) Carbon Tetrachloride	7.66	117	31663	6.440	ug/l #	15
41) Methacrylonitrile	7.22	41	743	0.305	ug/l #	22
43) Isopropyl Acetate	8.17	43	15996	1.877	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	2075	0.449	ug/l #	43
48) Methyl methacrylate	9.18	41	9833	2.303	ug/l #	12
49) 1,4-Dioxane	9.27	88	64	0.722	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4596	0.836	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	69039	11.170	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	15283	2.140	ug/l #	42
59) 2-Hexanone	10.76	43	201916	49.956	ug/l #	51
60) Dibromochloromethane	11.17	129	127	2.410	ug/l #	10
71) Bromoform	12.40	173	1215	3.468	ug/l #	1
73) Isopropylbenzene	12.40	105	153	Below Cal	#	48
74) N-amyl acetate	11.88	43	19239	3.219	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	120370	30.916	ug/l #	100
79) 2-Chlorotoluene	12.73	91	973	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	9482	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	120370	109.880	ug/l #	8
83) tert-Butylbenzene	12.73	119	1069	Below Cal	#	60

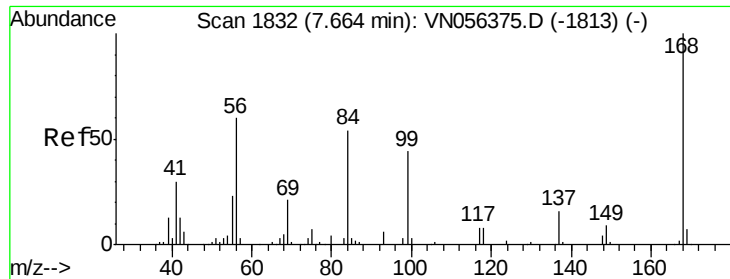
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
Data File : VN056453.D
Acq On : 24 Jun 2019 14:12
Operator : JC/SP
Sample : PB120834ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#08

Quant Time: Jun 25 01:20:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

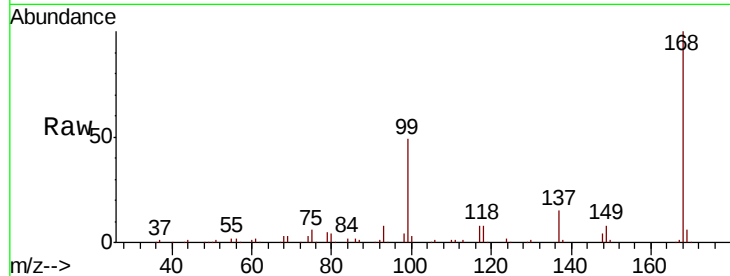
PB120834ZHE#08

Tot Ion:168 Resp: 375556

Ion Ratio Lower Upper

168 100

99 49.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

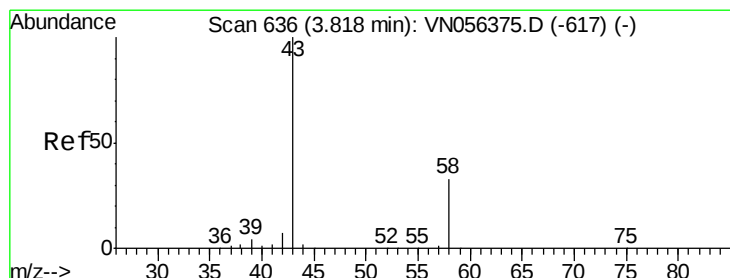
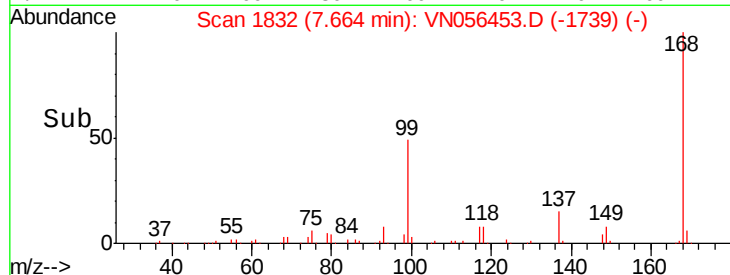
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 3.888 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056453.D

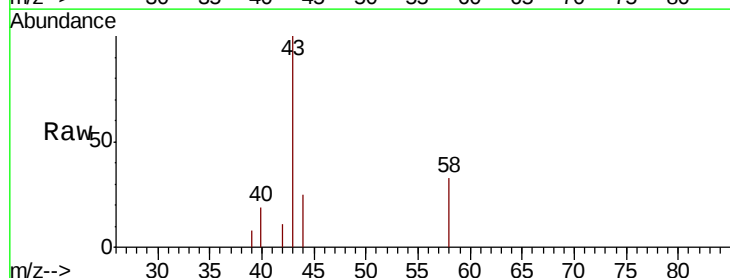
Acq: 24 Jun 2019 14:12

Tgt Ion: 43 Resp: 8109

Ion Ratio Lower Upper

43 100

58 32.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

3000

2500

2000

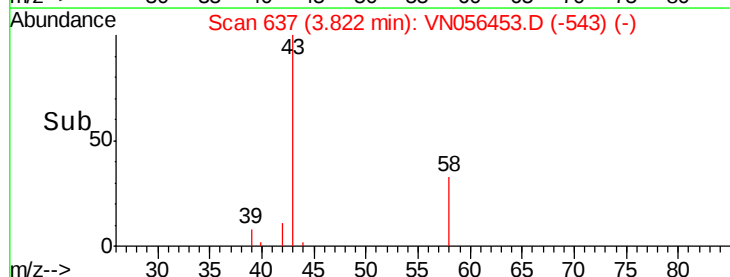
1500

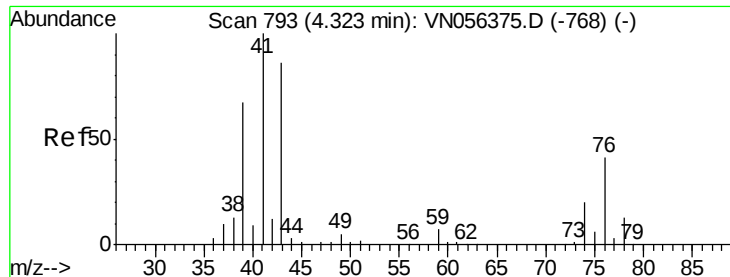
1000

500

0

Time--> 3.75 3.80 3.85 3.90

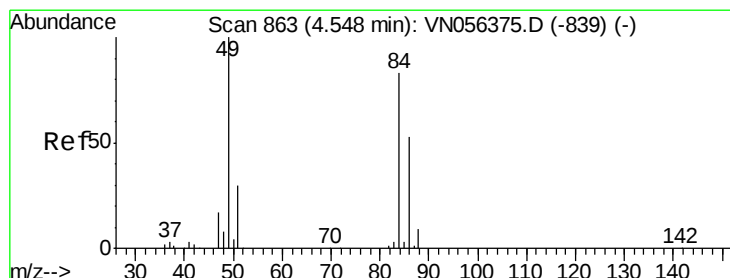
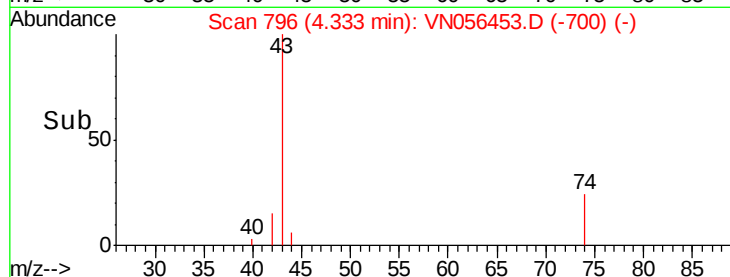
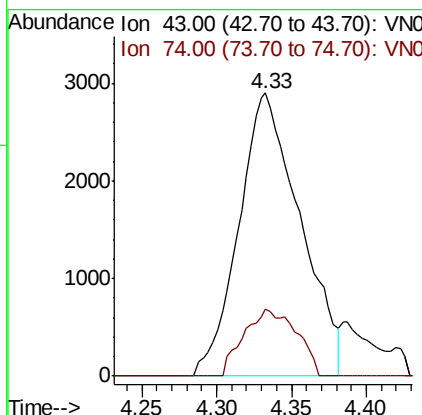
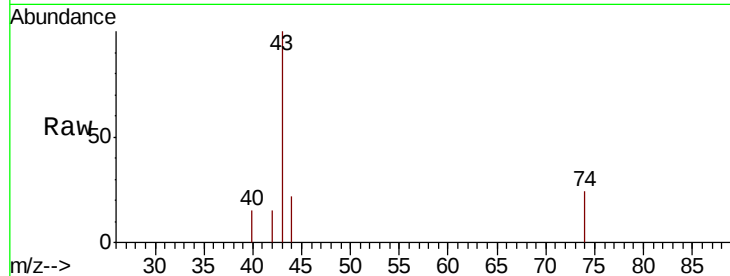




#18
Methyl Acetate
Concen: 1.174 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

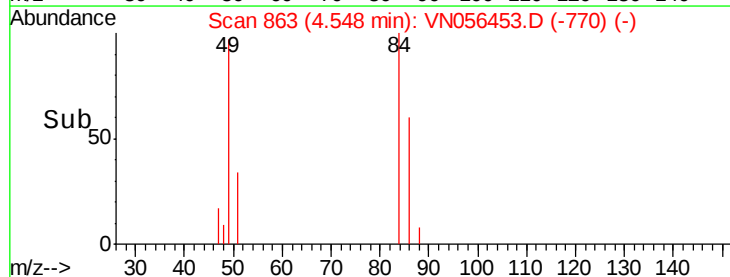
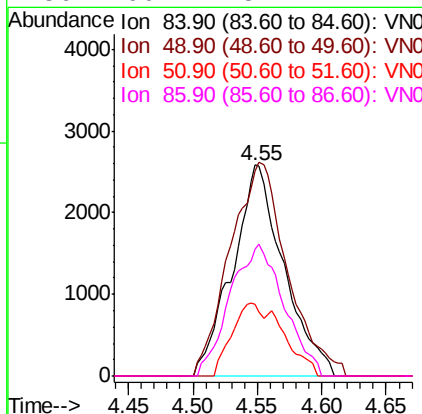
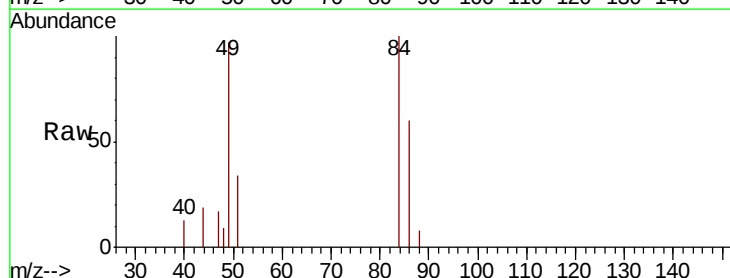
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#08

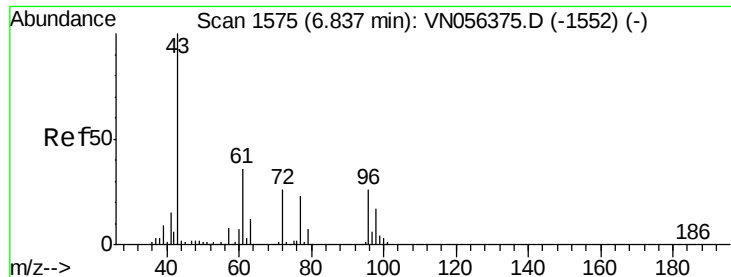
Tot Ion: 43 Resp: 8254
Ion Ratio Lower Upper
43 100
74 20.4 19.2 28.8



#20
Methylene Chloride
Concen: 0.941 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Tgt Ion: 84 Resp: 7134
Ion Ratio Lower Upper
84 100
49 97.4 96.4 144.6
51 34.0 28.6 43.0
86 60.2 51.4 77.2

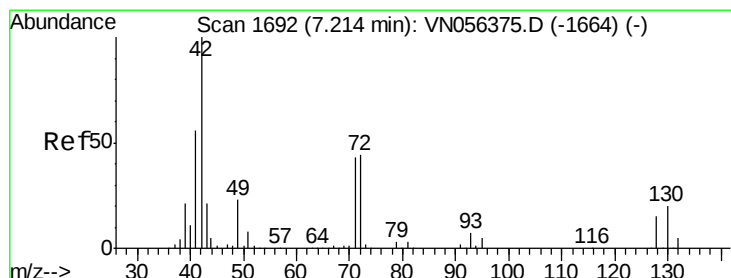
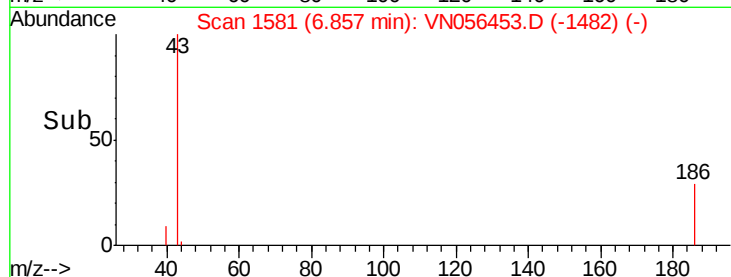
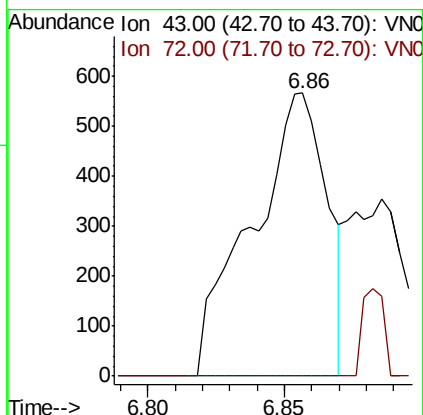
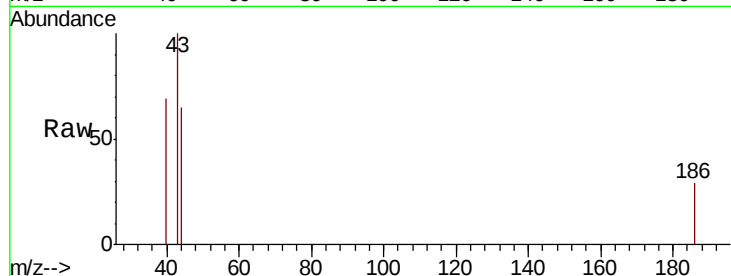




#25
2-Butanone
Concen: 0.393 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

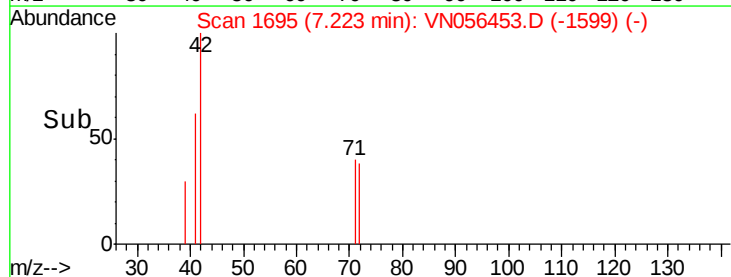
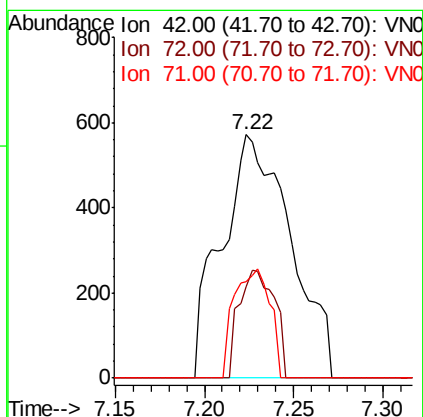
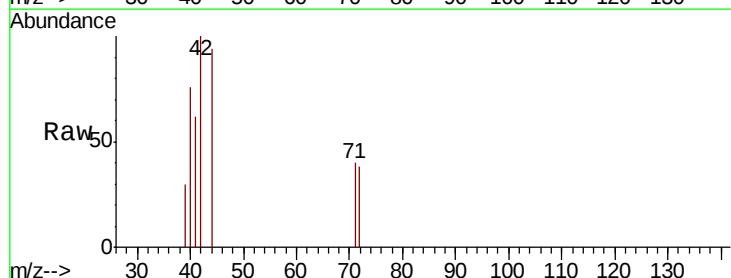
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#08

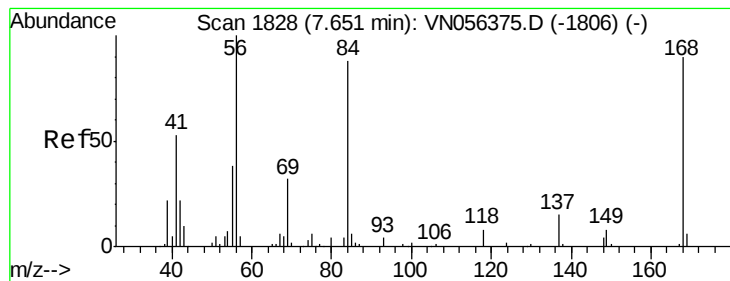
Tot Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#29
Tetrahydrofuran
Concen: 0.914 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Tgt Ion: 42 Resp: 1542
Ion Ratio Lower Upper
42 100
72 22.9 34.7 52.1#
71 23.4 33.0 49.6#





#31

Cyclohexane

Concen: 0.951 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

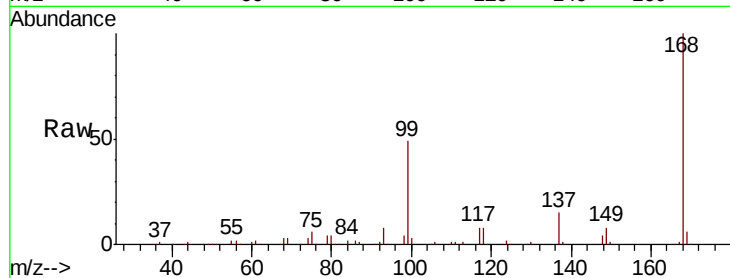
Tot Ion: 56 Resp: 6112

Ion Ratio Lower Upper

56 100

69 179.0 25.8 38.6#

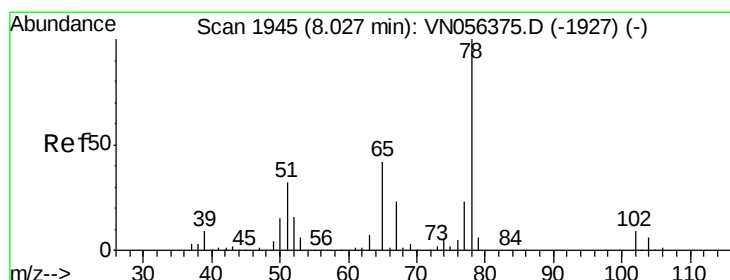
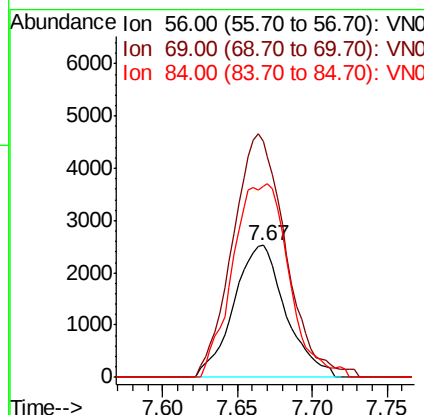
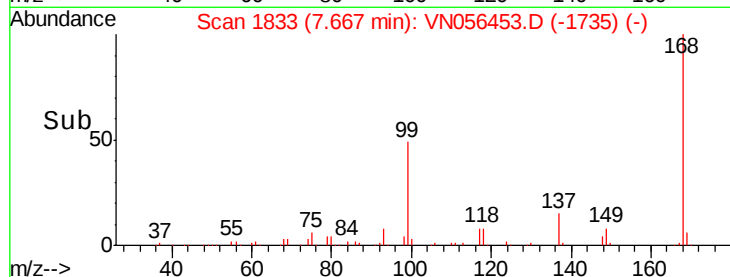
84 144.9 69.4 104.0#



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: 51.144 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056453.D

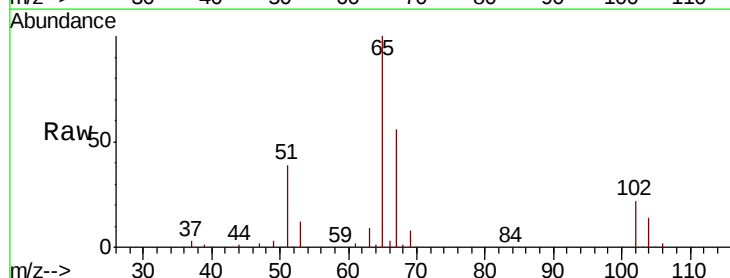
Acq: 24 Jun 2019 14:12

Tgt Ion: 65 Resp: 212876

Ion Ratio Lower Upper

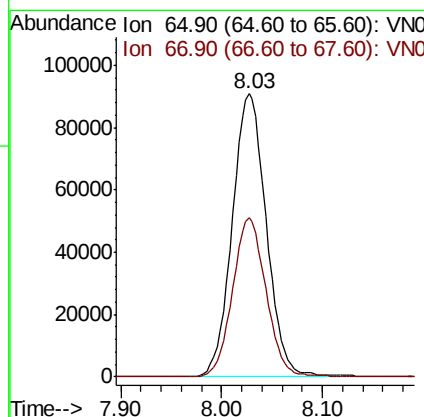
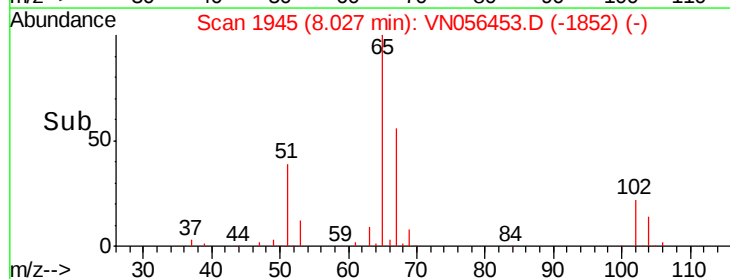
65 100

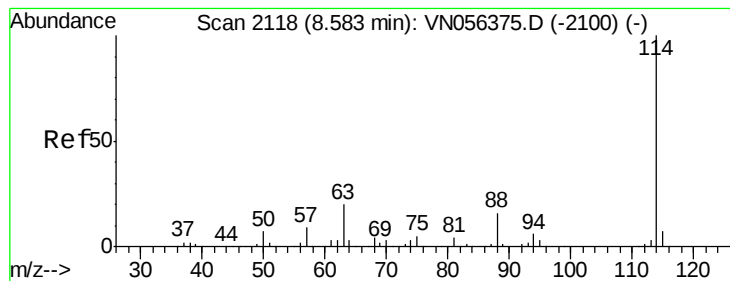
67 55.5 0.0 109.0



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: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

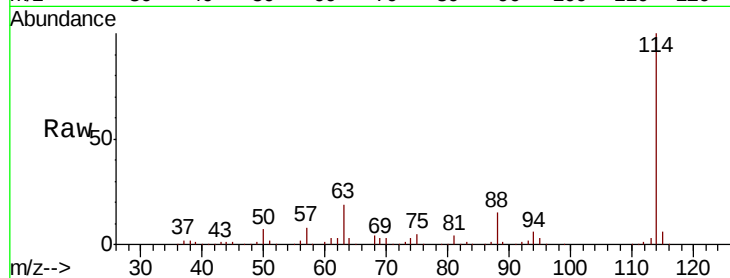
Tot Ion:114 Resp: 638809

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

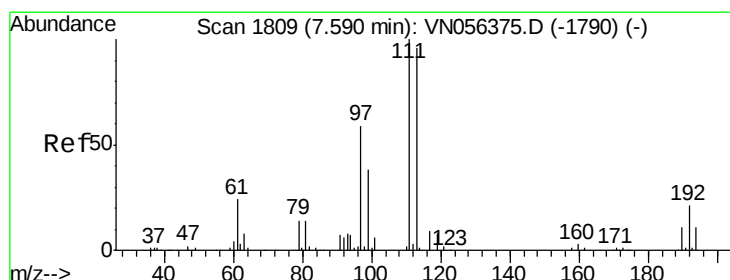
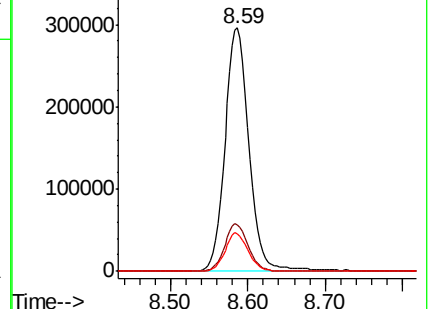
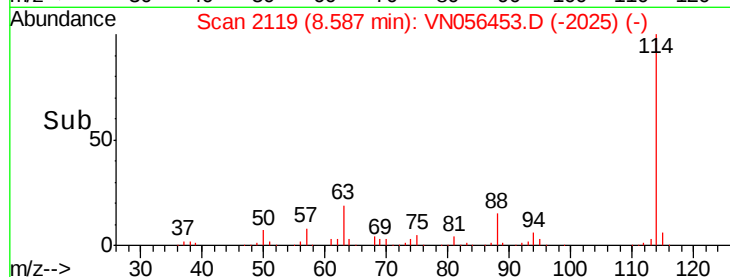
88 15.5 0.0 31.4



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: 46.289 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

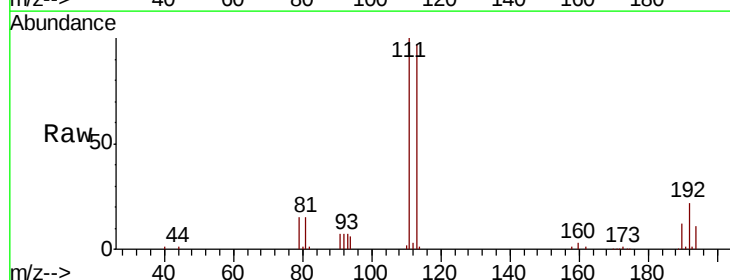
Tgt Ion:113 Resp: 184466

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

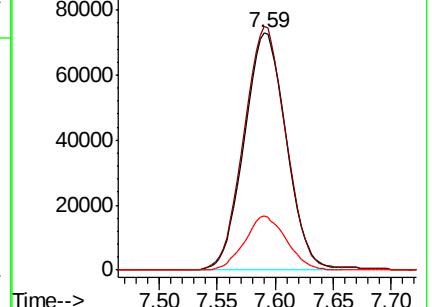
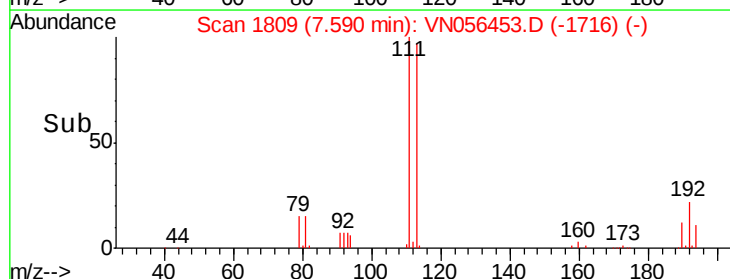
192 22.6 17.7 26.5

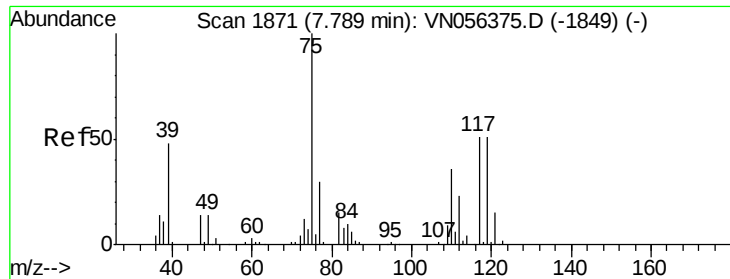


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

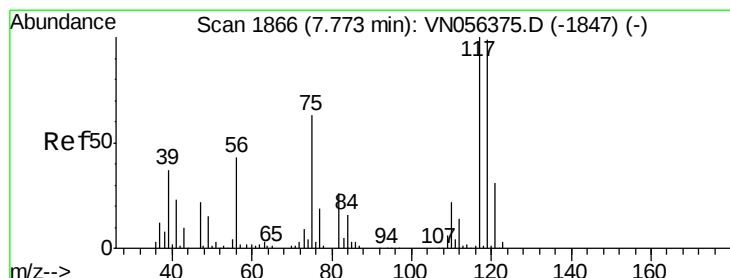
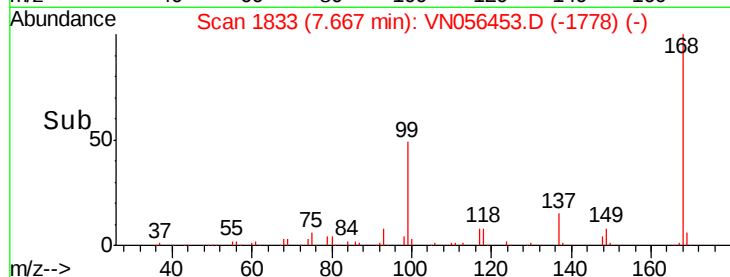
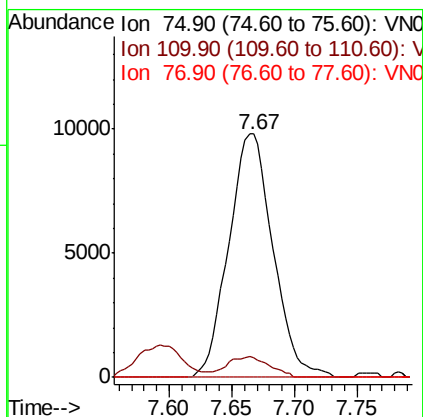
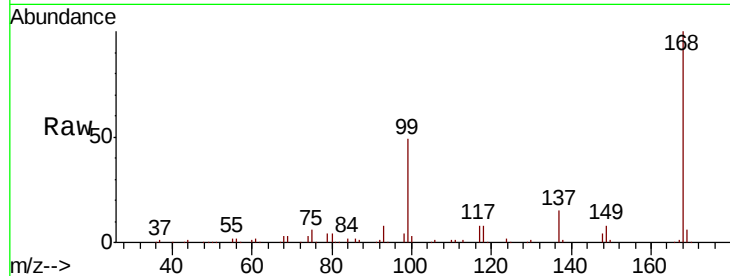




#36
 1,1-Dichloropropene
 Concen: 4.280 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056453.D
 Acq: 24 Jun 2019 14:12

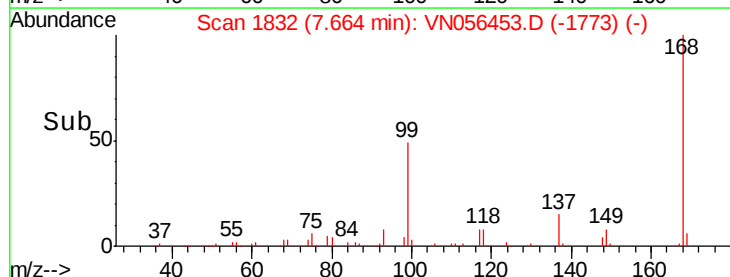
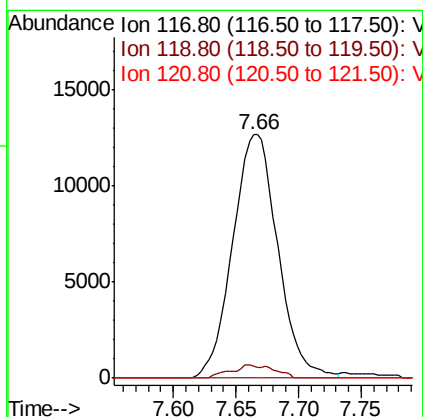
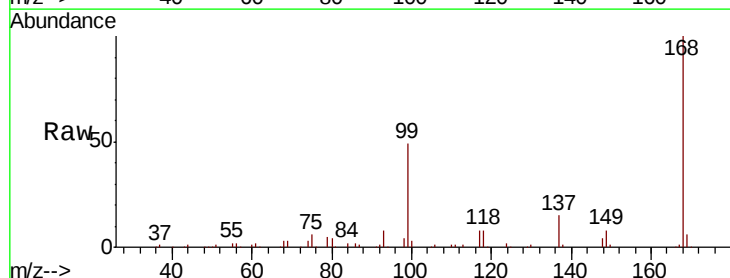
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#08

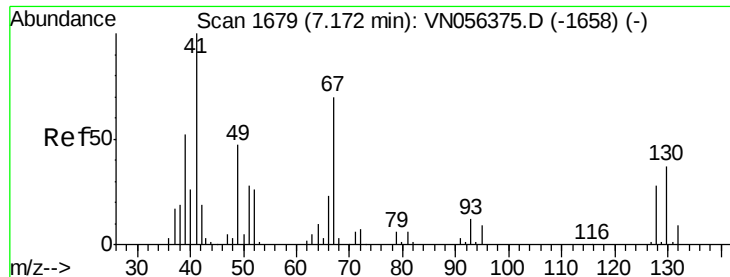
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.3#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.440 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056453.D
 Acq: 24 Jun 2019 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	79.1	118.7#
121	0.0	24.8	37.2#

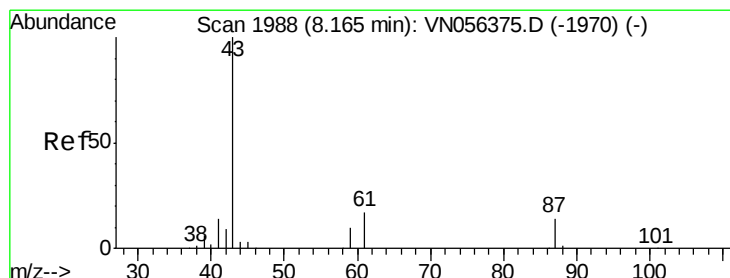
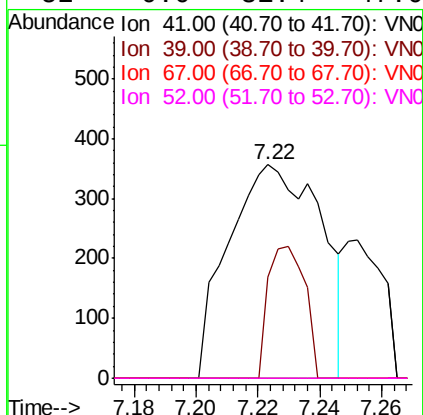
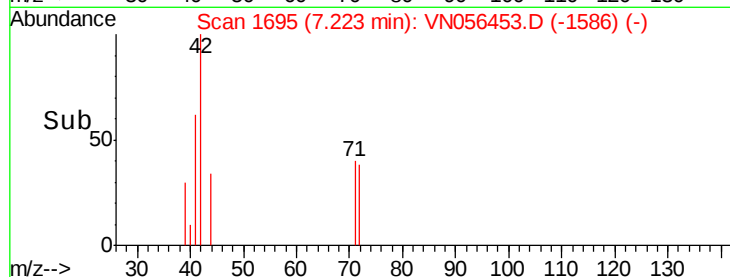
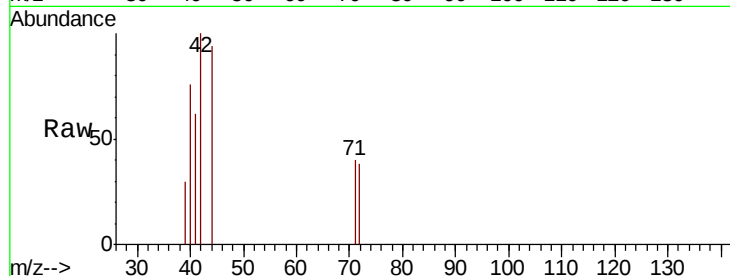




#41
Methacrylonitrile
Concen: 0.305 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

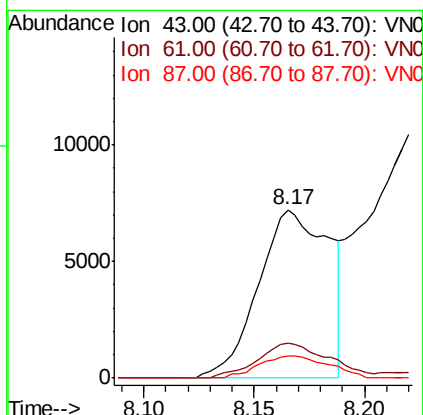
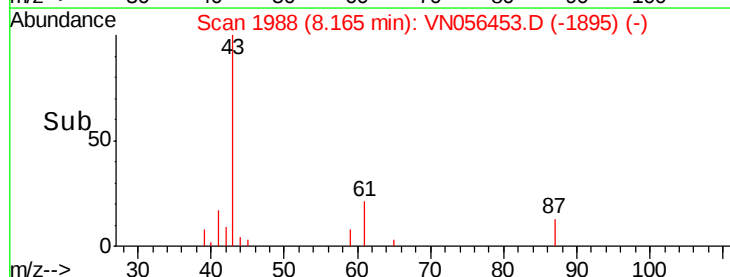
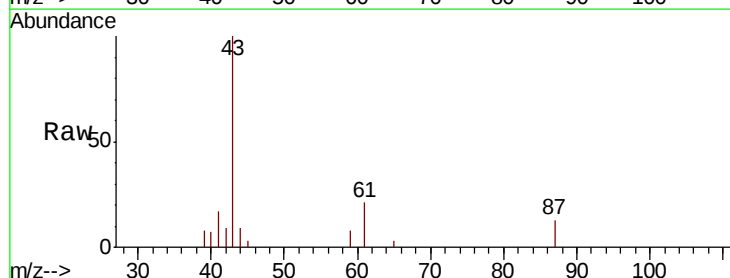
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#08

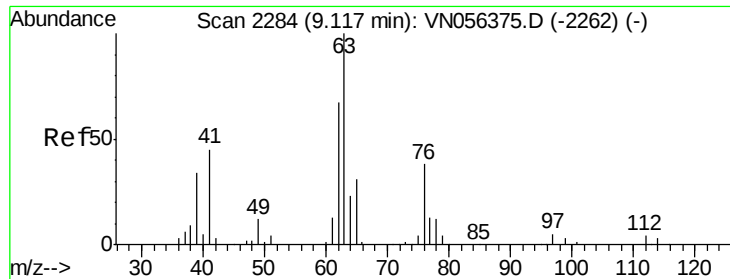
Tot Ion: 41 Resp: 743
Ion Ratio Lower Upper
41 100
39 24.4 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 1.877 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Tgt Ion: 43 Resp: 15996
Ion Ratio Lower Upper
43 100
61 20.9 22.0 33.0#
87 12.9 11.0 16.4

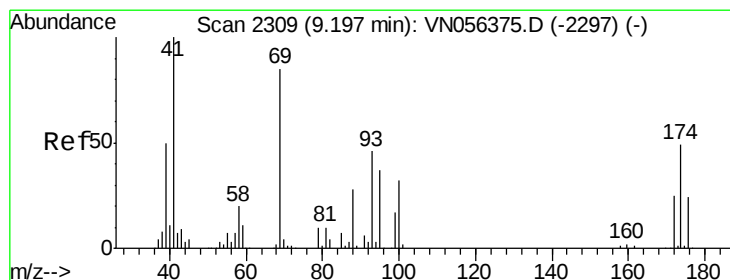
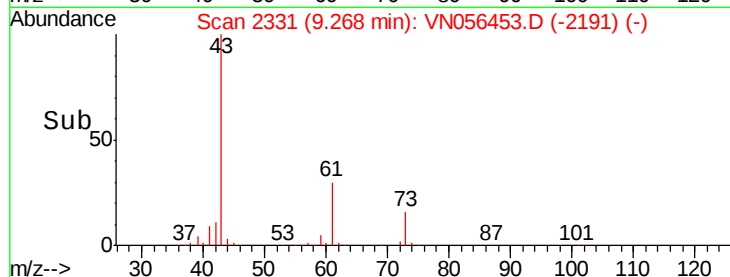
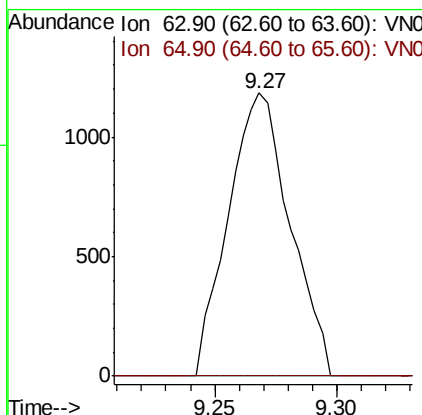
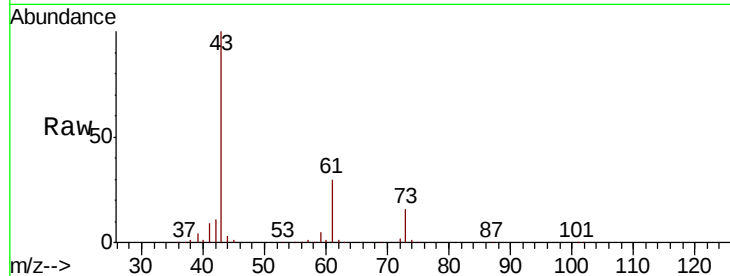




#45
 1,2-Dichloropropane
 Concen: 0.449 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056453.D
 Acq: 24 Jun 2019 14:12

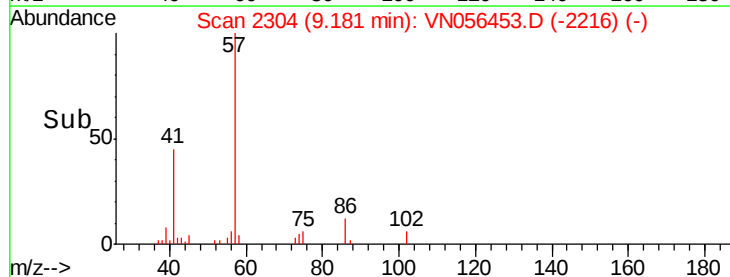
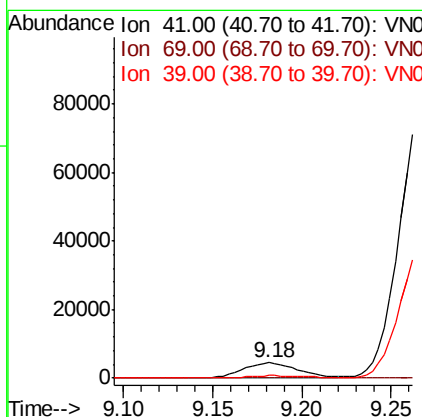
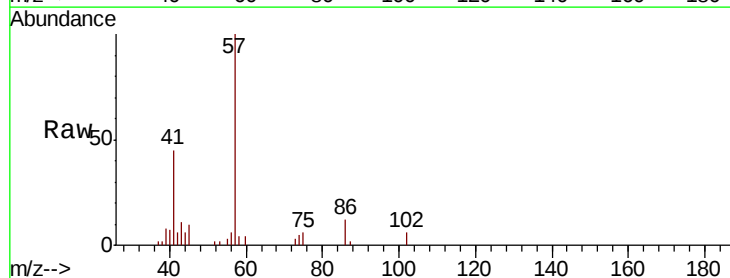
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#08

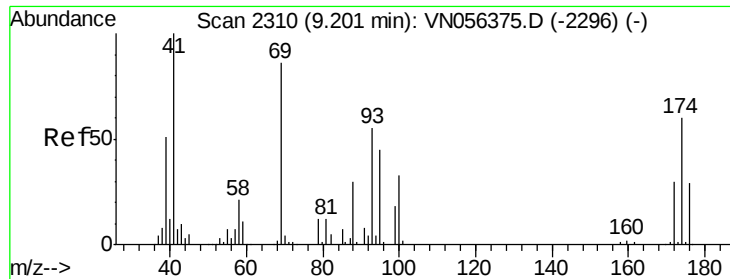
Tot Ion: 63 Resp: 2075
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 2.303 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056453.D
 Acq: 24 Jun 2019 14:12

Tgt Ion: 41 Resp: 9833
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 0.0 42.6 63.8#





#49

1,4-Dioxane

Concen: 0.722 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

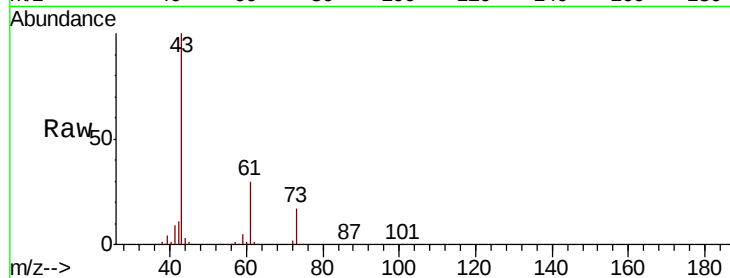
Tot Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 2645192.2 22.0 33.0#

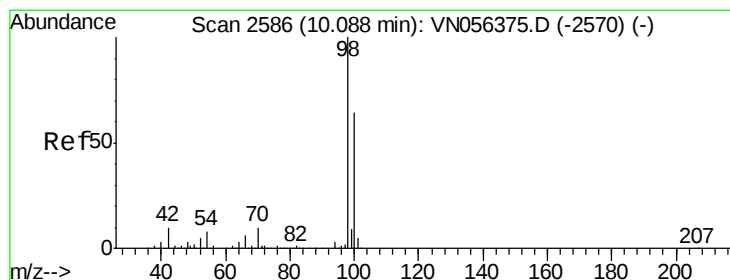
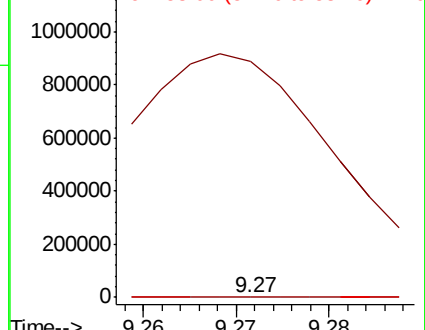
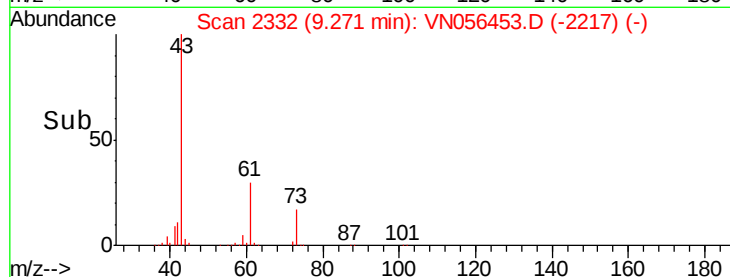
58 11062.5 51.8 77.8#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.251 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056453.D

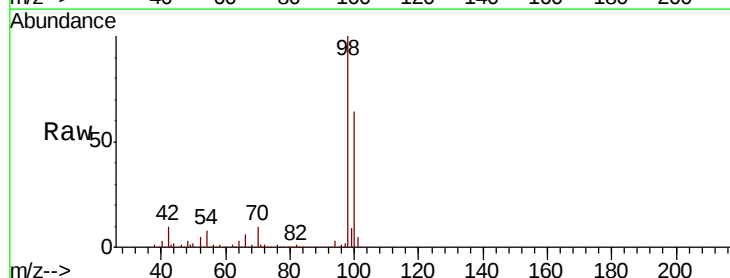
Acq: 24 Jun 2019 14:12

Tgt Ion: 98 Resp: 794721

Ion Ratio Lower Upper

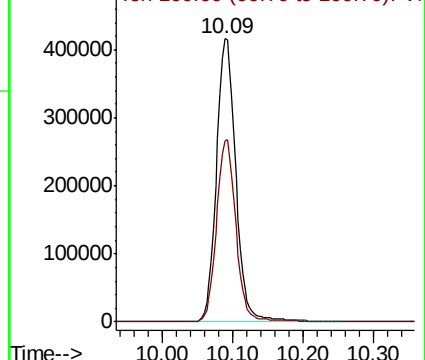
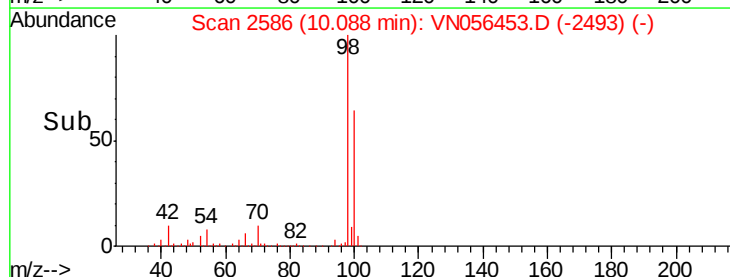
98 100

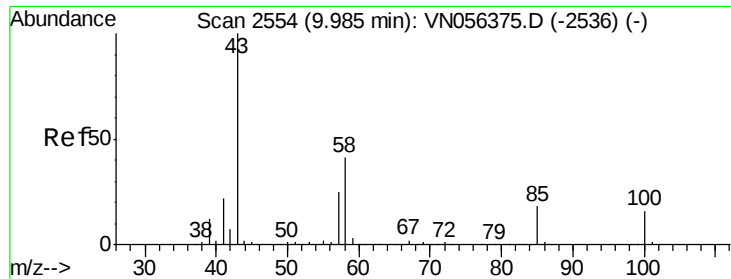
100 64.7 52.2 78.2



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: 0.836 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

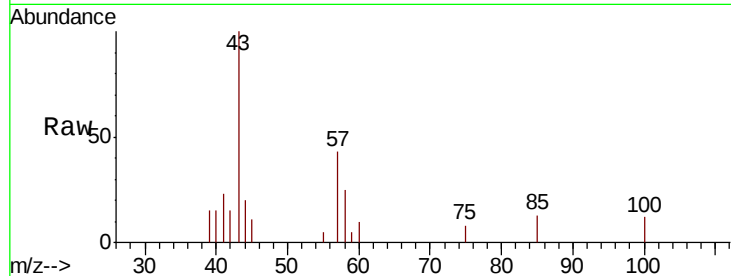
PB120834ZHE#08

Tot Ion: 43 Resp: 4596

Ion Ratio Lower Upper

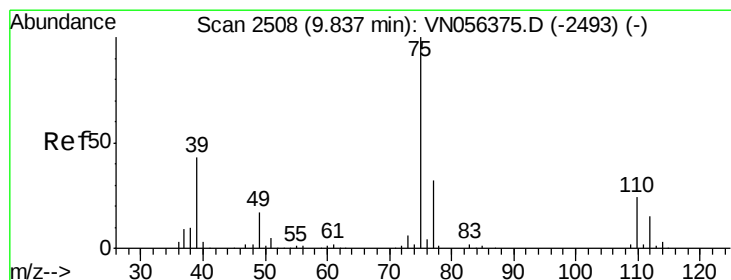
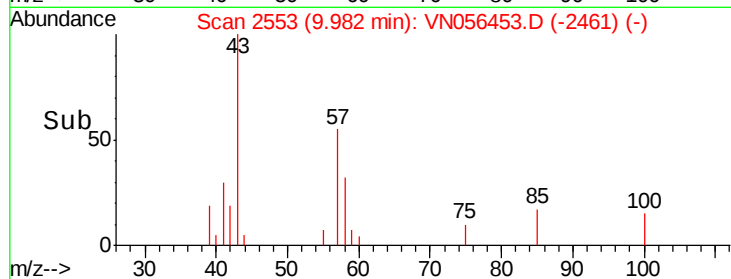
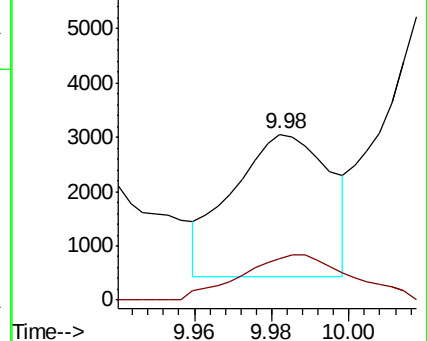
43 100

58 35.6 31.8 47.8



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: 11.170 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

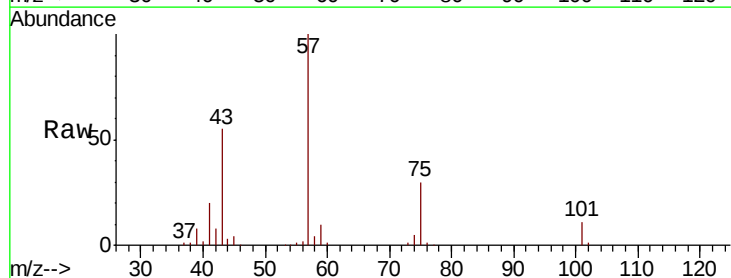
Tgt Ion: 75 Resp: 69039

Ion Ratio Lower Upper

75 100

77 0.6 25.2 37.8#

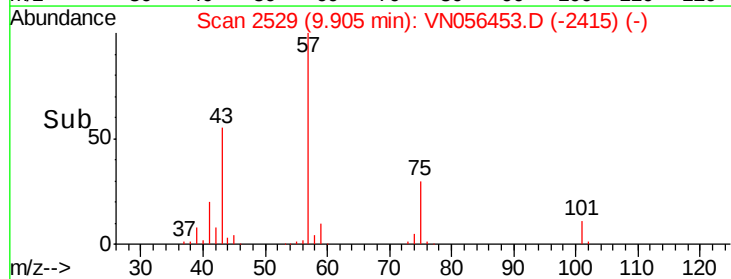
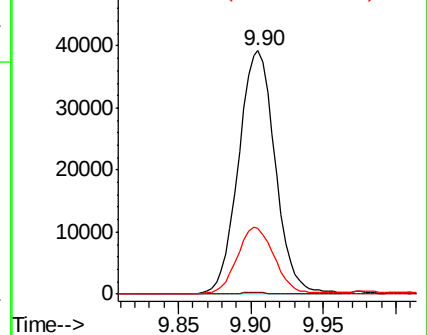
39 26.7 34.2 51.4#

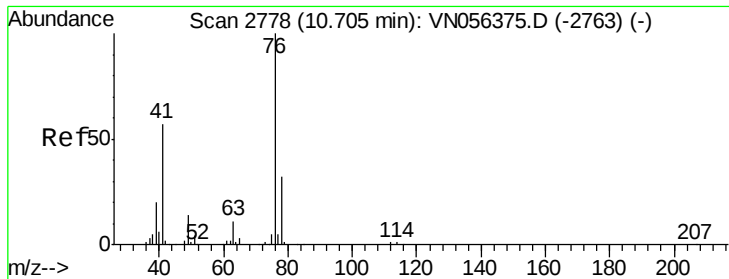


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 2.140 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

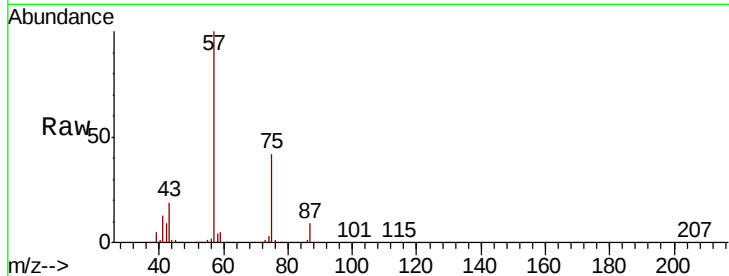
PB120834ZHE#08

Tot Ion: 76 Resp: 15283

Ion Ratio Lower Upper

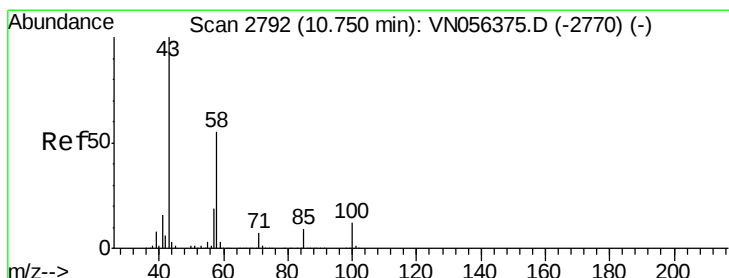
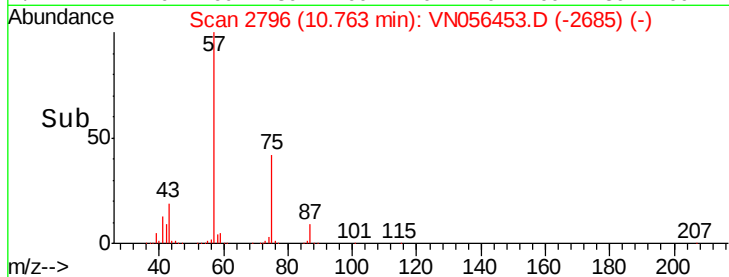
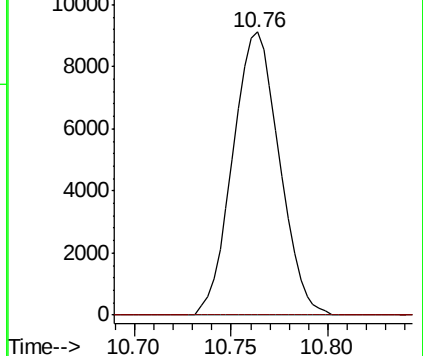
76 100

78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 49.956 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056453.D

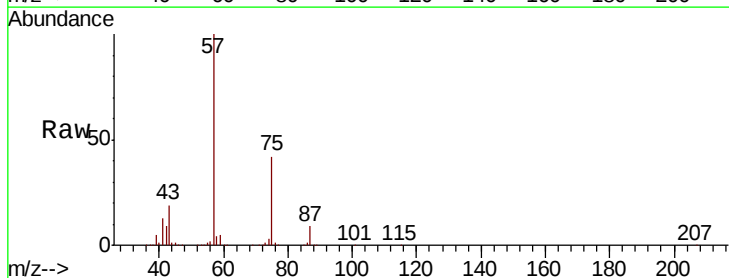
Acq: 24 Jun 2019 14:12

Tgt Ion: 43 Resp: 201916

Ion Ratio Lower Upper

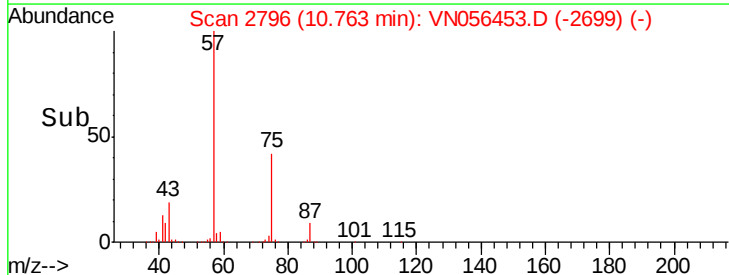
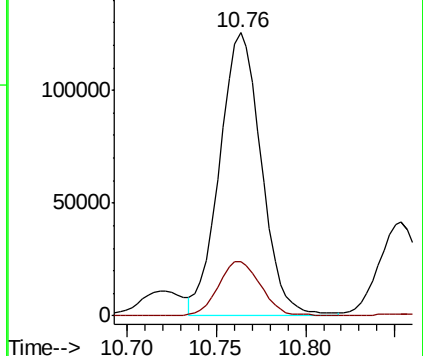
43 100

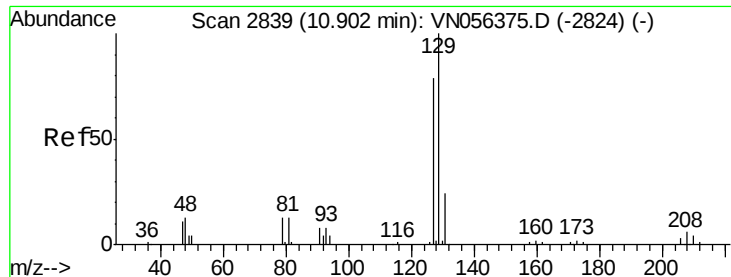
58 19.9 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 2.410 ug/l

RT: 11.17 min Scan# 2922

Delta R.T. 0.27 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

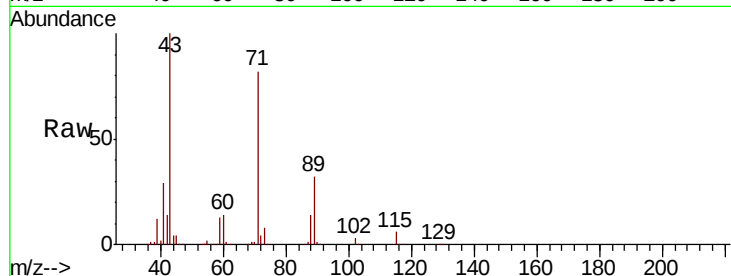
PB120834ZHE#08

Tot Ion:129 Resp: 127

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

11.17

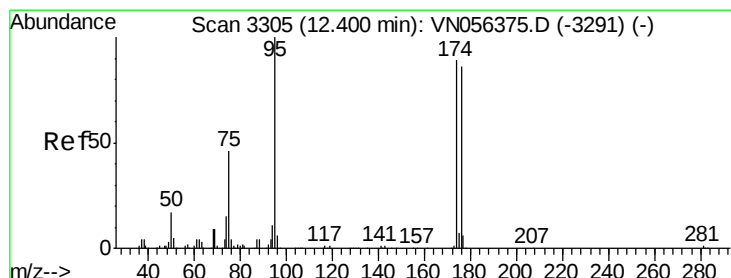
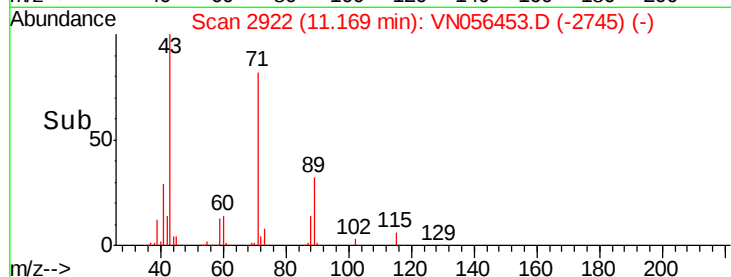
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.706 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

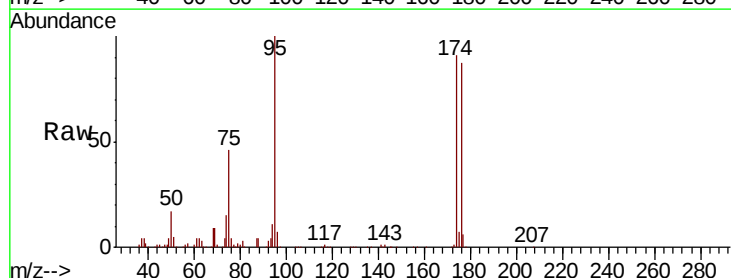
Tgt Ion: 95 Resp: 256941

Ion Ratio Lower Upper

95 100

174 91.5 0.0 179.4

176 88.7 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

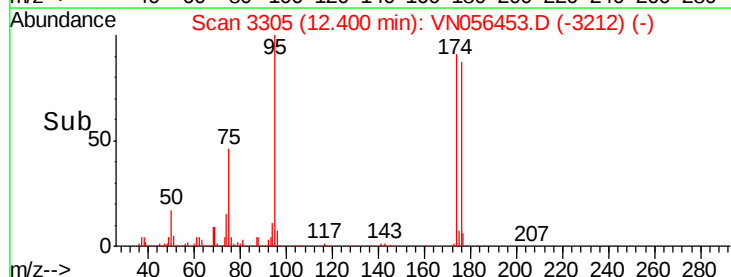
150000

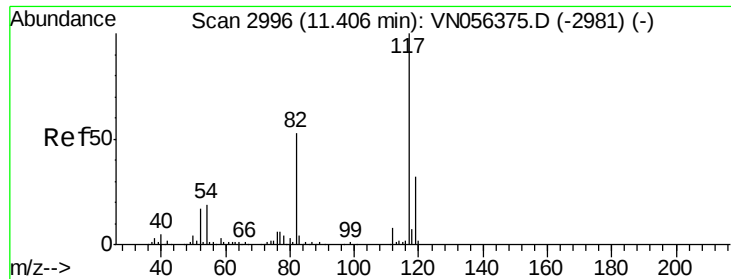
100000

50000

0

Time-->

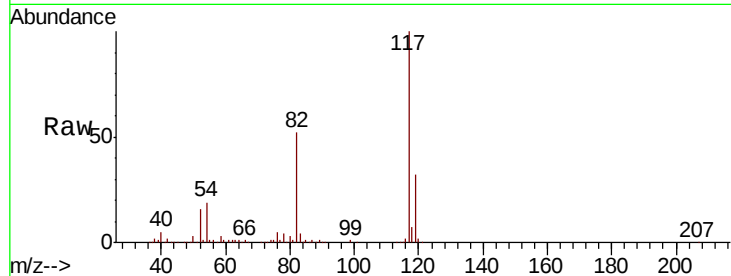




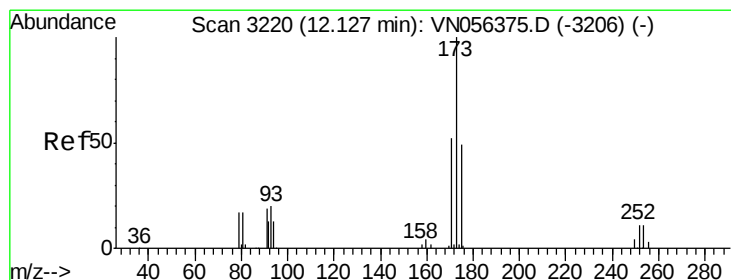
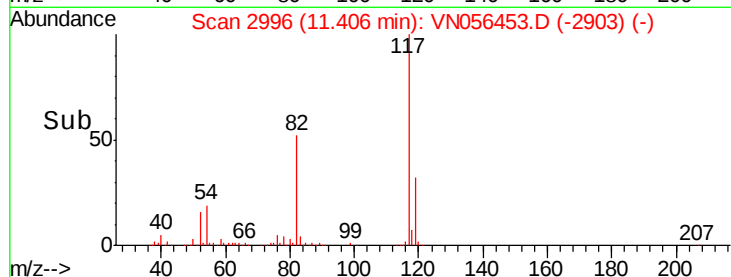
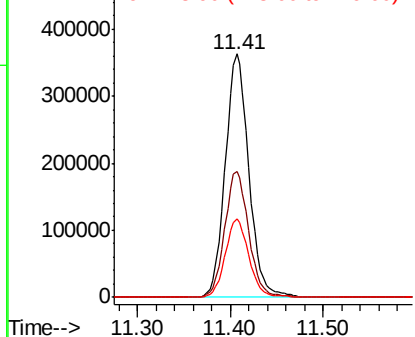
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#08

Tot Ion:117 Resp: 639193
Ion Ratio Lower Upper
117 100
82 51.9 42.0 63.0
119 32.1 25.3 37.9

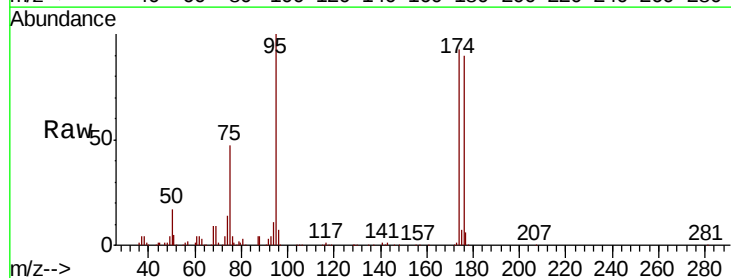


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

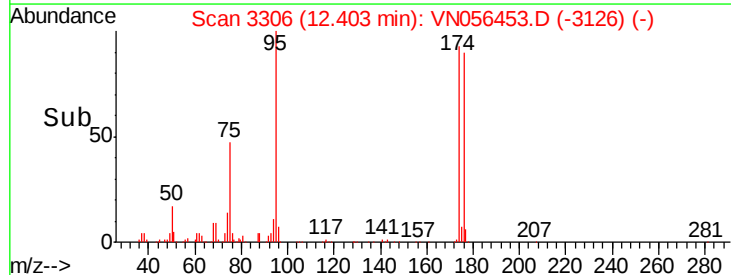
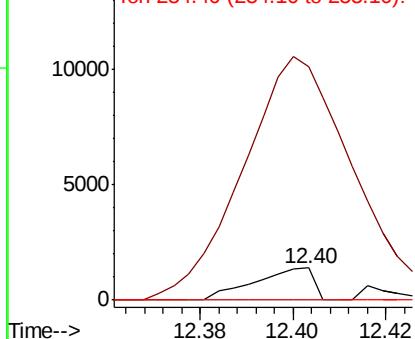


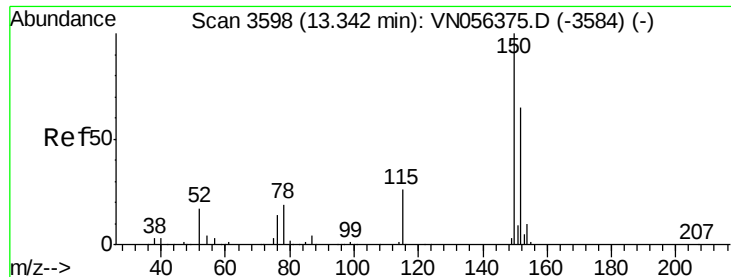
#71
Bromoform
Concen: 3.468 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056453.D
Acq: 24 Jun 2019 14:12

Tgt Ion:173 Resp: 1215
Ion Ratio Lower Upper
173 100
175 1247.8 24.4 73.4#
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: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

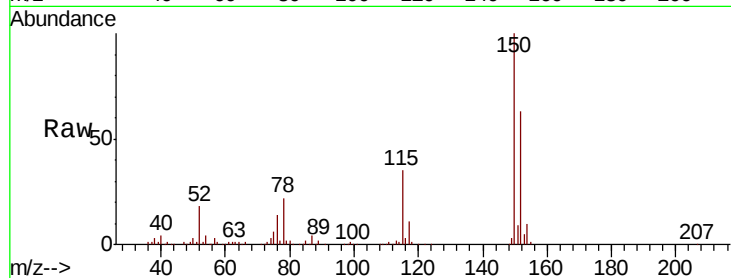
Tot Ion:152 Resp: 187771

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.4

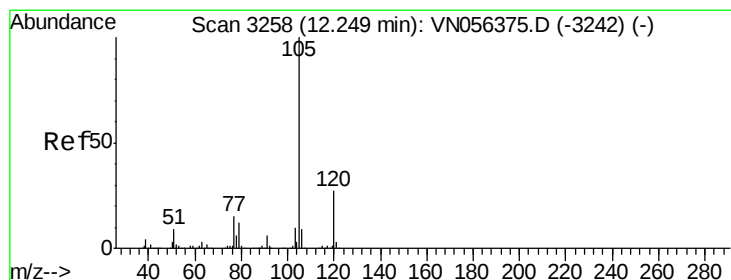
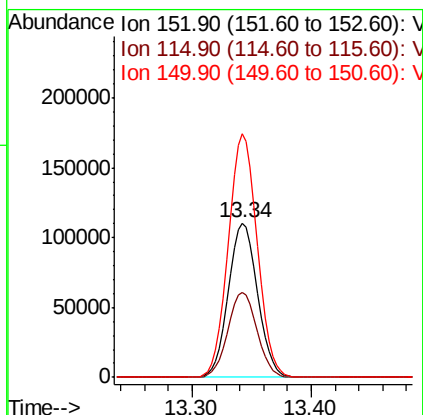
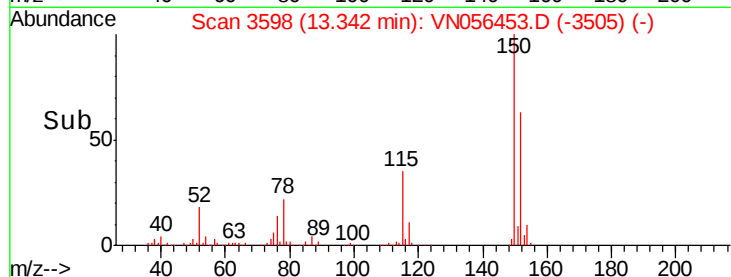
150 156.2 0.0 348.4



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: 12.40 min Scan# 3306

Delta R.T. 0.16 min

Lab File: VN056453.D

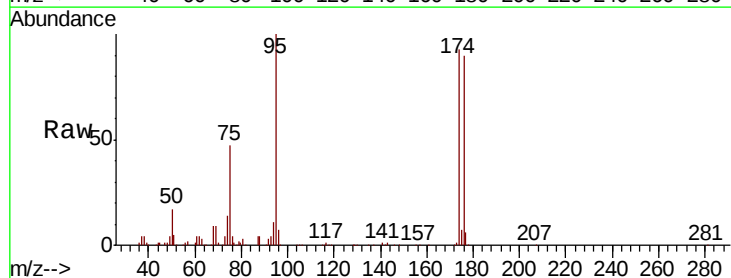
Acq: 24 Jun 2019 14:12

Tgt Ion:105 Resp: 153

Ion Ratio Lower Upper

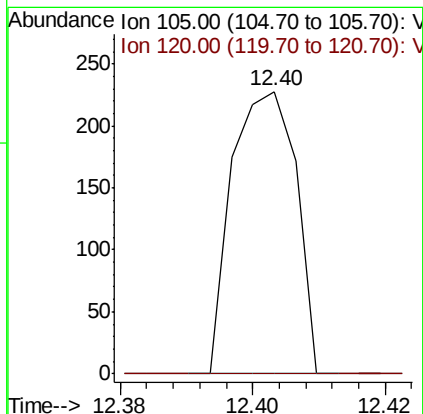
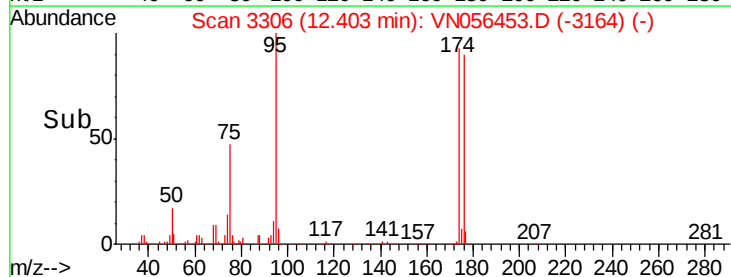
105 100

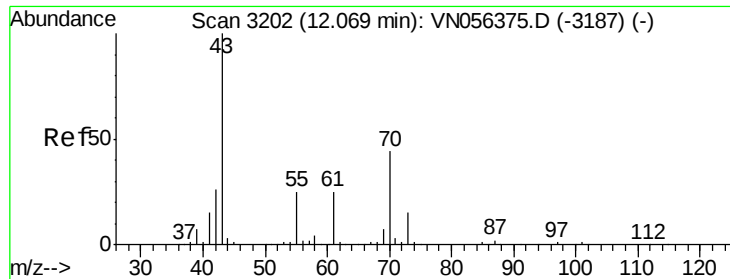
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.219 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

Tot Ion: 43 Resp: 19239

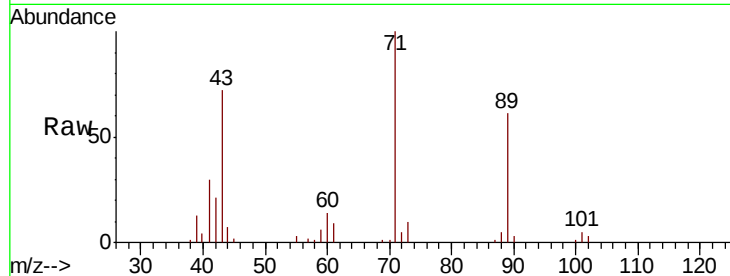
Ion Ratio Lower Upper

43 100

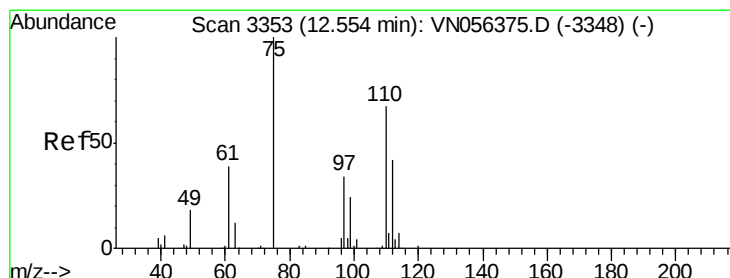
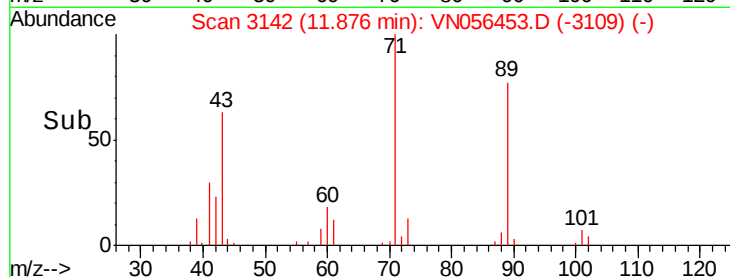
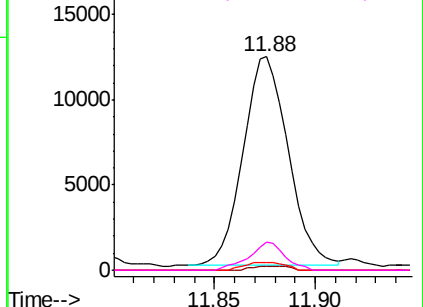
70 1.6 34.9 52.3#

55 3.5 20.4 30.6#

61 10.6 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 30.916 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056453.D

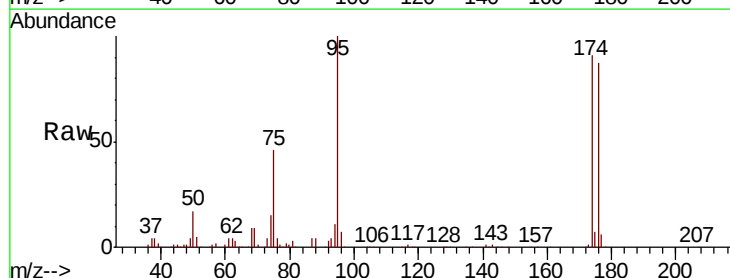
Acq: 24 Jun 2019 14:12

Tgt Ion: 75 Resp: 120370

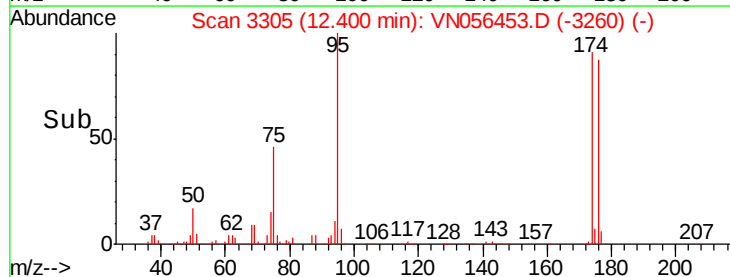
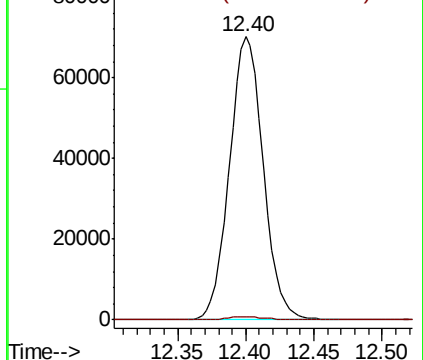
Ion Ratio Lower Upper

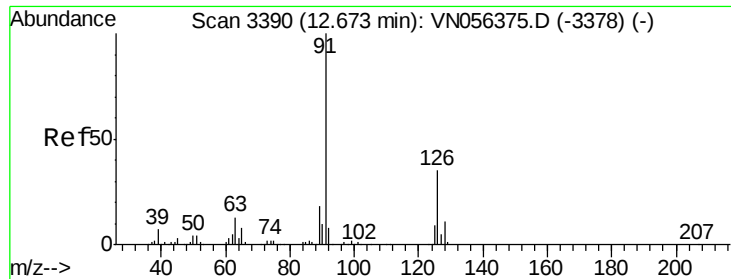
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

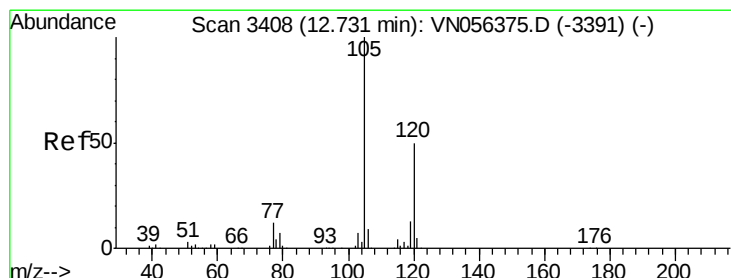
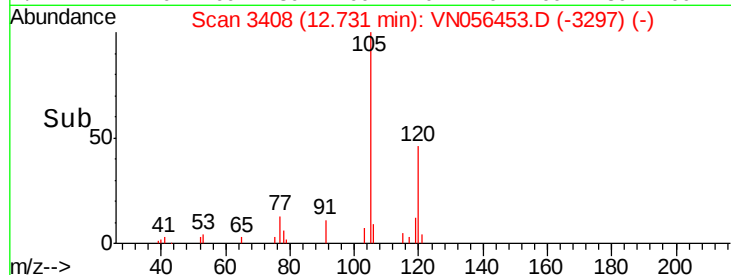
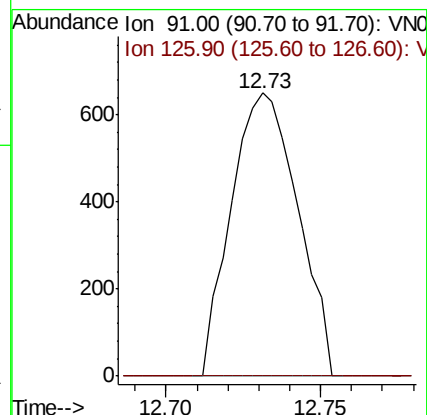
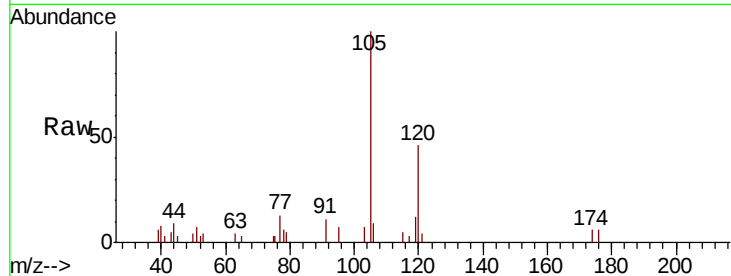
PB120834ZHE#08

Tot Ion: 91 Resp: 973

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056453.D

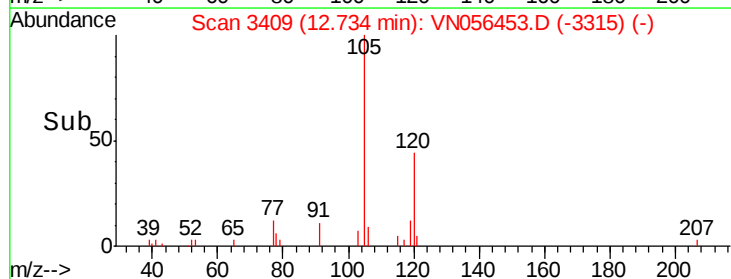
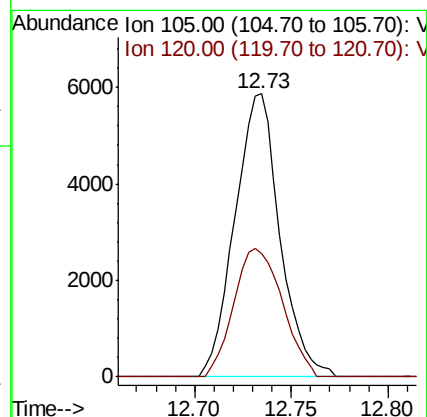
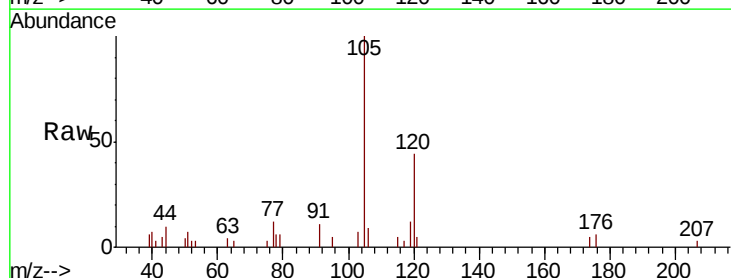
Acq: 24 Jun 2019 14:12

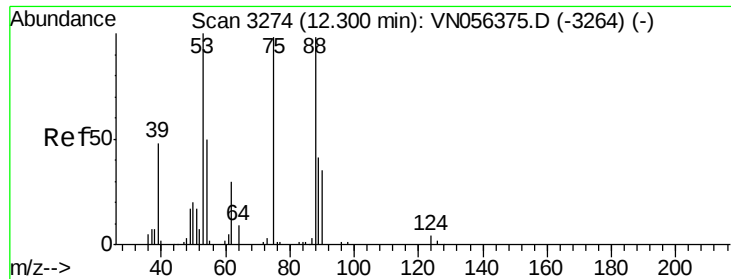
Tgt Ion: 105 Resp: 9482

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 109.880 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#08

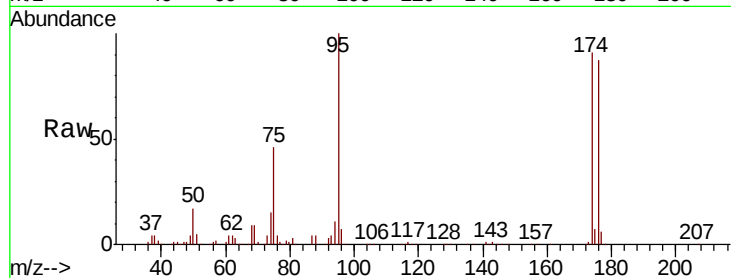
Tot Ion: 75 Resp: 120370

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

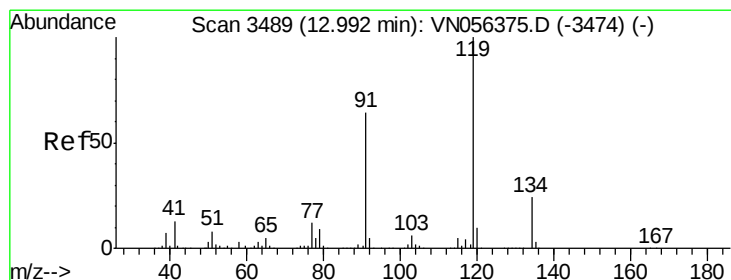
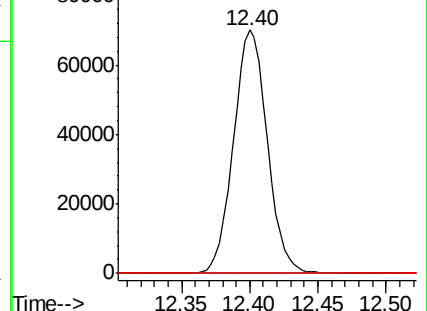
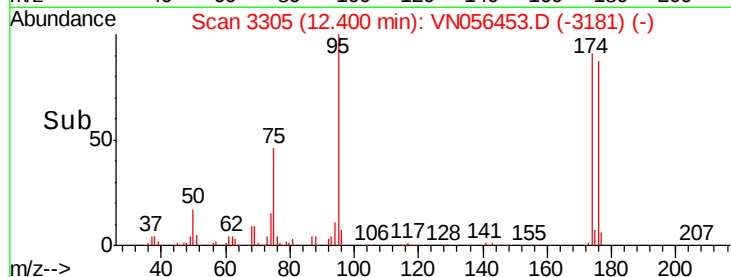
89 0.0 35.0 52.6#



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: 12.73 min Scan# 3408

Delta R.T. -0.26 min

Lab File: VN056453.D

Acq: 24 Jun 2019 14:12

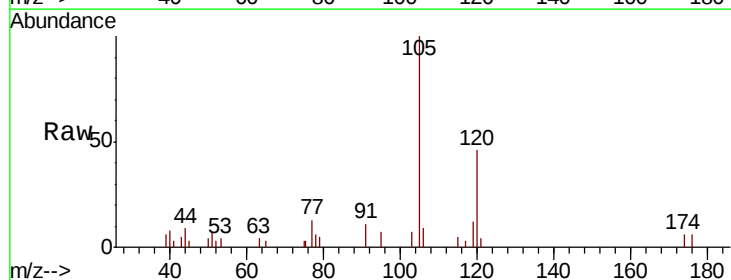
Tgt Ion:119 Resp: 1069

Ion Ratio Lower Upper

119 100

91 91.0 31.6 94.7

134 0.0 13.2 39.5#



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

