

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056447.D
 Acq On : 24 Jun 2019 11:51
 Operator : JC/SP
 Sample : PB120834ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#02

Quant Time: Jun 25 01:18:30 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	384568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	652909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	650296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187122	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	220251	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	7.59	113	194137	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	819329	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	261884	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	

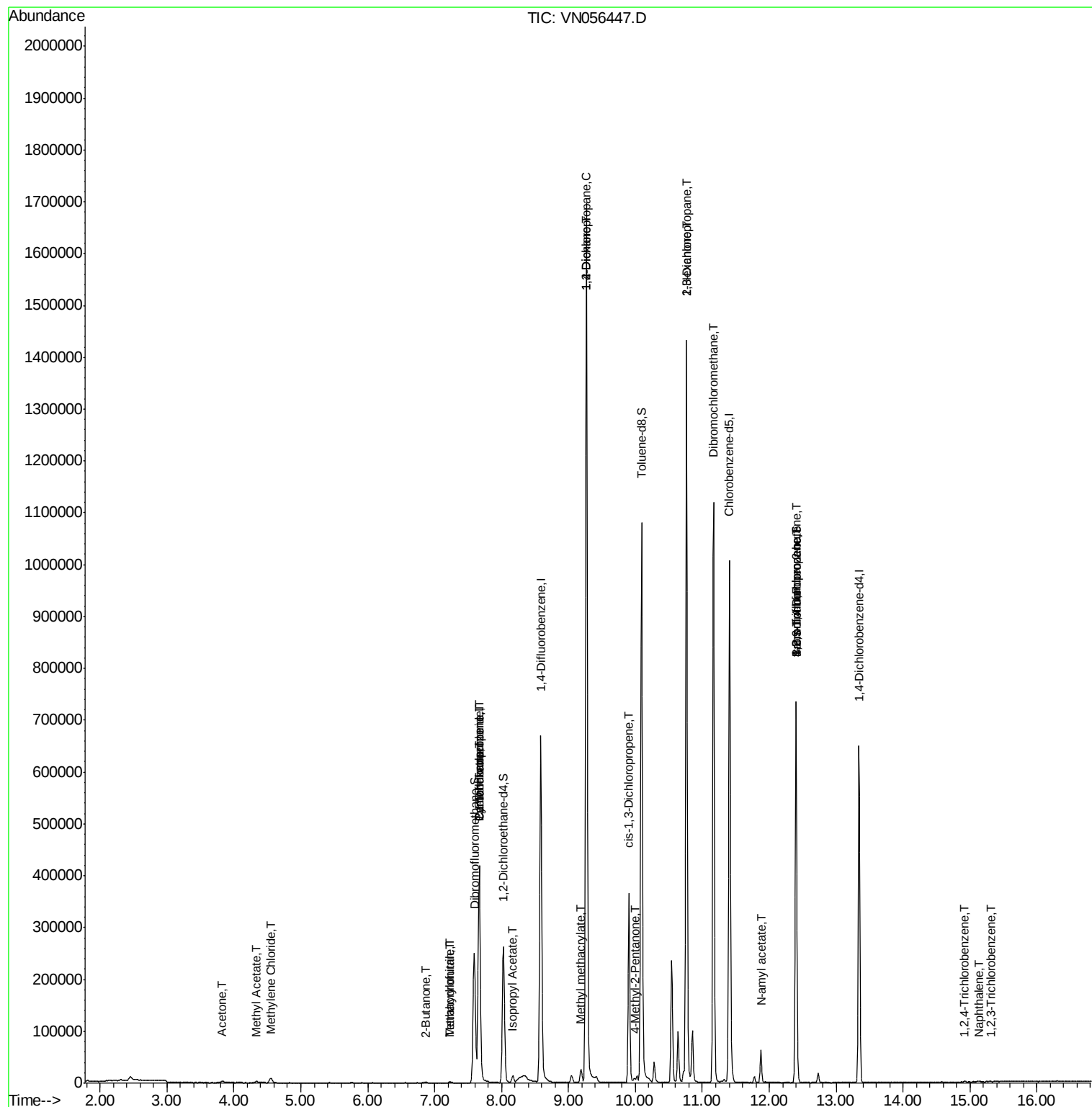
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	7922	3.710	ug/l	96
18) Methyl Acetate	4.33	43	5514	0.459	ug/l	98
20) Methylene Chloride	4.56	84	7397	0.965	ug/l	92
25) 2-Butanone	6.85	43	826	0.292	ug/l #	49
29) Tetrahydrofuran	7.23	42	1682	0.974	ug/l #	68
31) Cyclohexane	7.66	56	6398	0.972	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24363	4.239	ug/l #	49
38) Carbon Tetrachloride	7.66	117	33169	6.600	ug/l #	15
41) Methacrylonitrile	7.23	41	705	0.283	ug/l #	32
43) Isopropyl Acetate	8.17	43	16236	1.864	ug/l #	77
45) 1,2-Dichloropropane	9.27	63	1977	0.418	ug/l #	43
48) Methyl methacrylate	9.18	41	9594	2.198	ug/l #	12
49) 1,4-Dioxane	9.26	88	216	2.385	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5731	1.020	ug/l #	60
54) cis-1,3-Dichloropropene	9.90	75	69602	11.018	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	15723	2.154	ug/l #	42
59) 2-Hexanone	10.76	43	204970	49.617	ug/l #	51
60) Dibromochloromethane	11.17	129	71	2.397	ug/l #	10
71) Bromoform	12.40	173	2125	3.702	ug/l #	1
73) Isopropylbenzene	12.26	105	233	Below Cal	#	48
74) N-amyl acetate	11.88	43	19633	3.297	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	121616	31.344	ug/l #	100
79) 2-Chlorotoluene	12.78	91	446	Below Cal		92
80) 1,3,5-Trimethylbenzene	12.73	105	10639	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	121616	111.402	ug/l #	8
83) tert-Butylbenzene	12.99	119	162	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.91	180	580	5.771	ug/l #	55
95) Naphthalene	15.13	128	1209	5.371	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	378	4.583	ug/l #	74

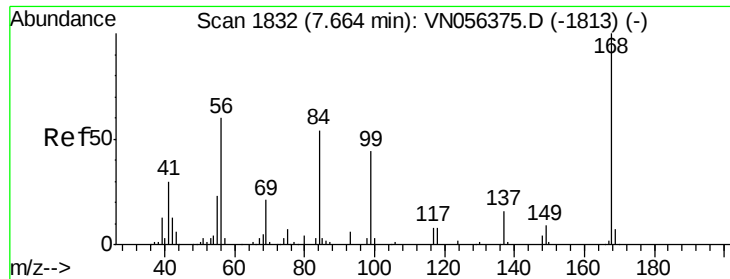
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

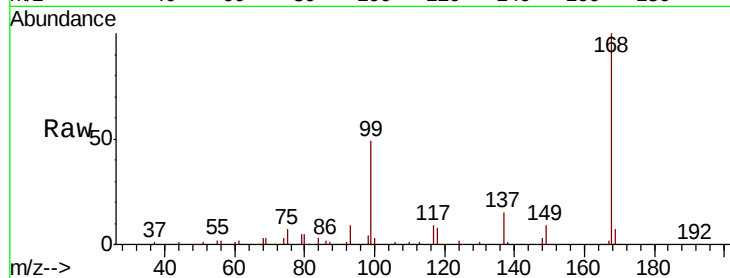
PB120834ZHE#02

Tot Ion:168 Resp: 384568

Ion Ratio Lower Upper

168 100

99 49.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.67

150000

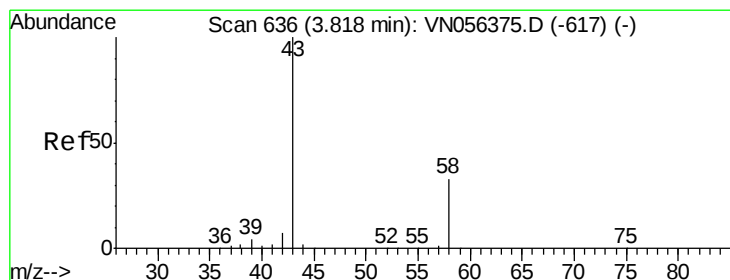
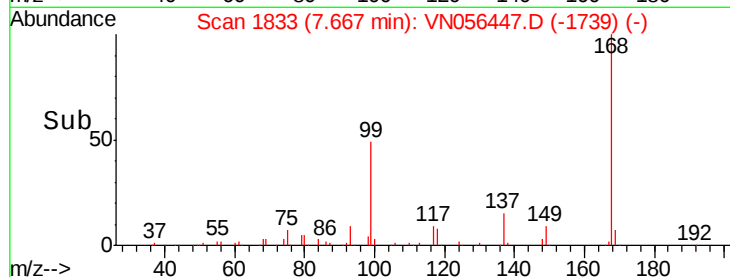
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 3.710 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056447.D

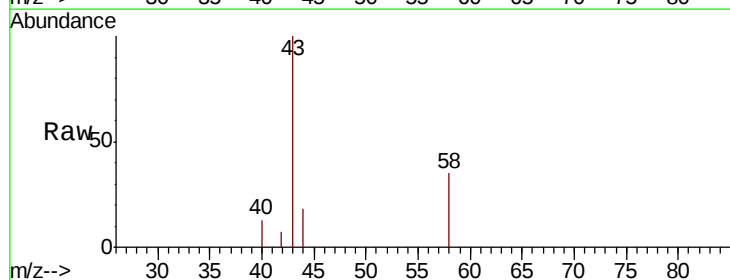
Acq: 24 Jun 2019 11:51

Tgt Ion: 43 Resp: 7922

Ion Ratio Lower Upper

43 100

58 35.2 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-617) (-)

3.82

3000

2500

2000

1500

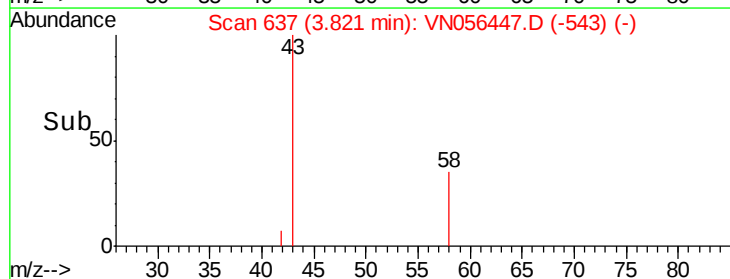
1000

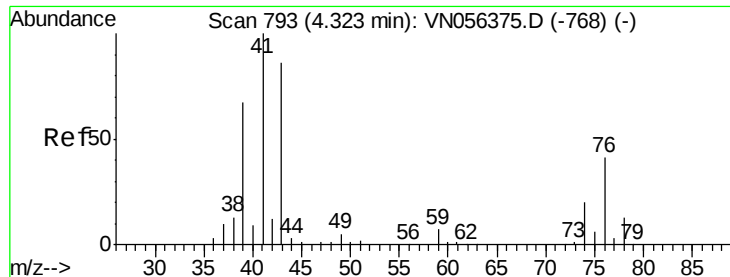
500

0

3.75 3.80 3.85 3.90

Time-->





#18

Methyl Acetate

Concen: 0.459 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

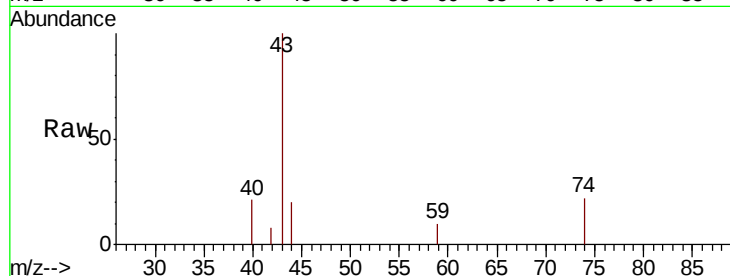
PB120834ZHE#02

Tot Ion: 43 Resp: 5514

Ion Ratio Lower Upper

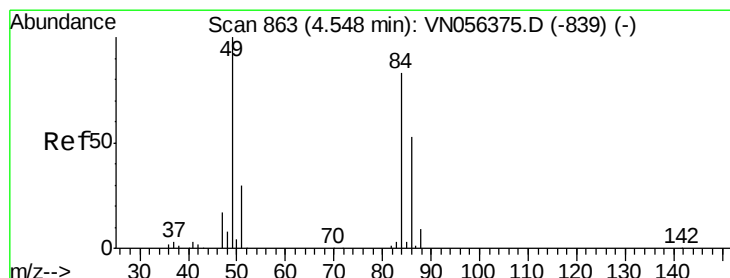
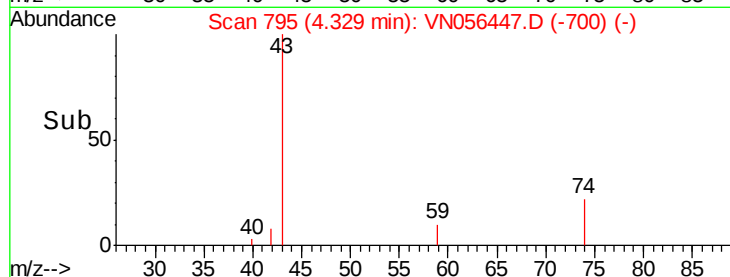
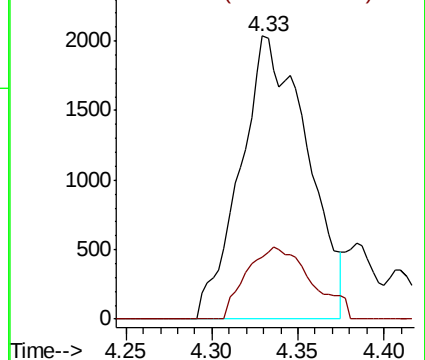
43 100

74 24.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 0.965 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Tgt Ion: 84 Resp: 7397

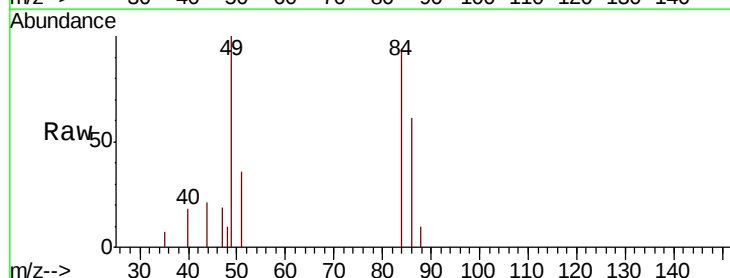
Ion Ratio Lower Upper

84 100

49 106.0 96.4 144.6

51 38.4 28.6 43.0

86 64.6 51.4 77.2

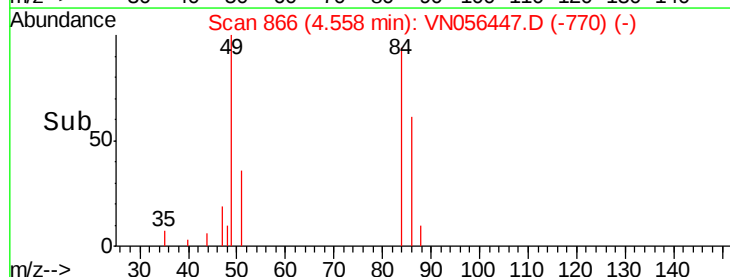
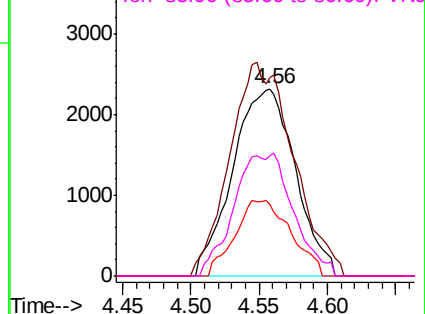


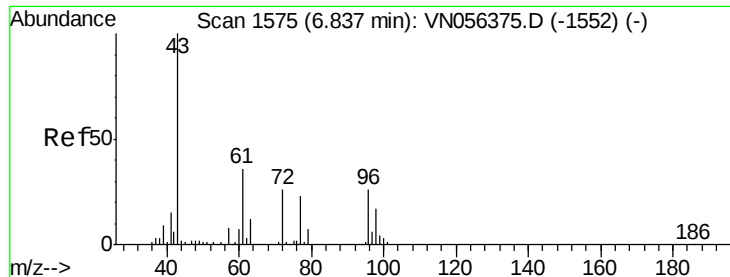
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

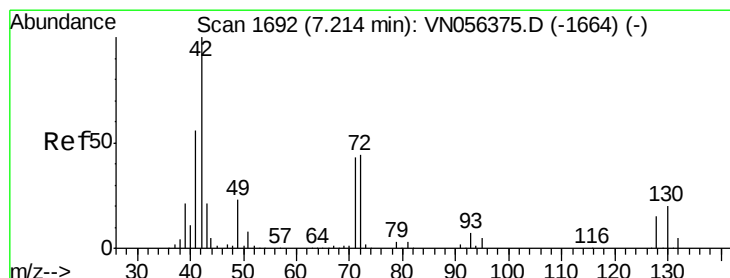
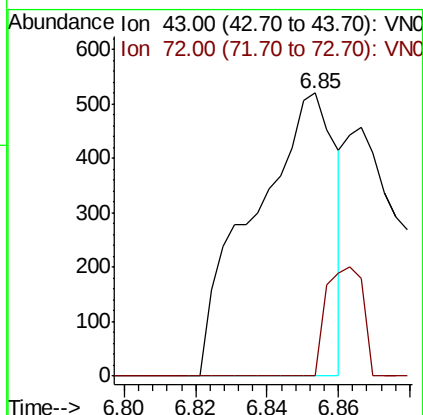
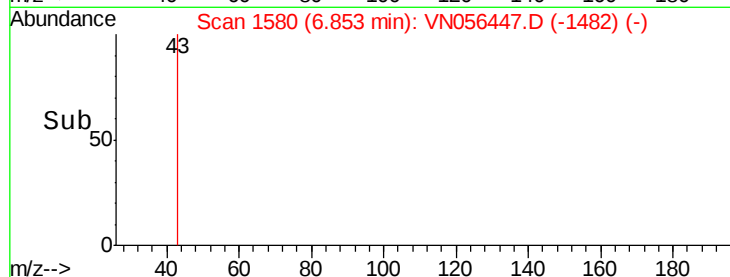
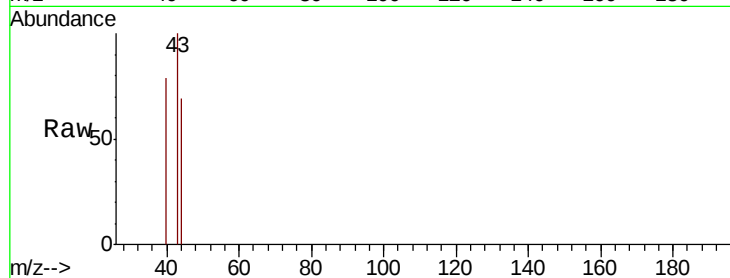




#25
2-Butanone
Concen: 0.292 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN056447.D
Acq: 24 Jun 2019 11:51

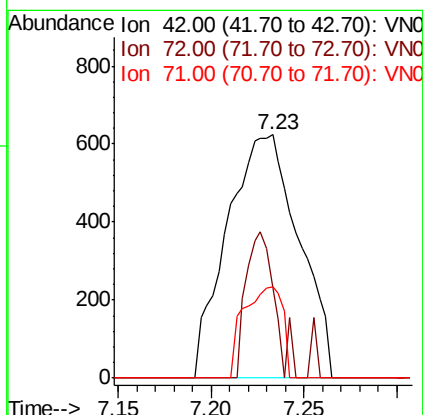
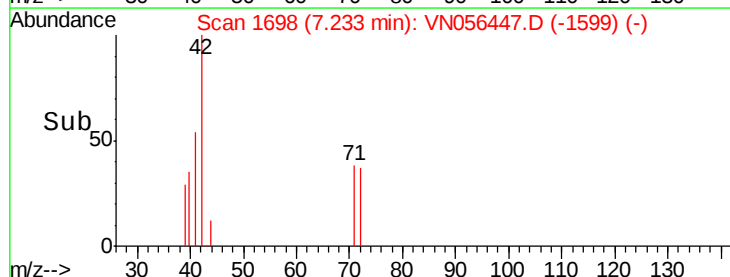
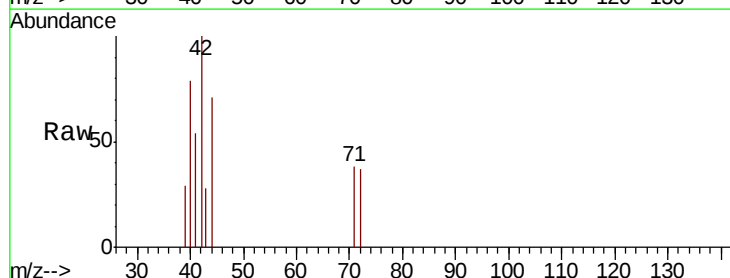
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#02

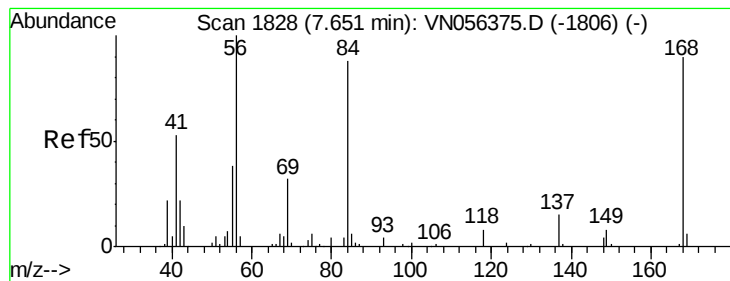
Tot Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#29
Tetrahydrofuran
Concen: 0.974 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.02 min
Lab File: VN056447.D
Acq: 24 Jun 2019 11:51

Tgt Ion: 42 Resp: 1682
Ion Ratio Lower Upper
42 100
72 24.0 34.7 52.1#
71 20.5 33.0 49.6#





#31

Cyclohexane

Concen: 0.972 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#02

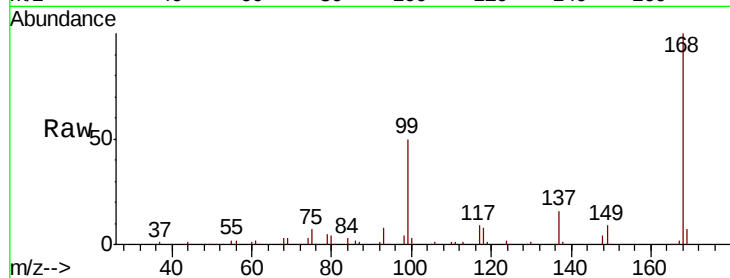
Tot Ion: 56 Resp: 6398

Ion Ratio Lower Upper

56 100

69 169.1 25.8 38.6#

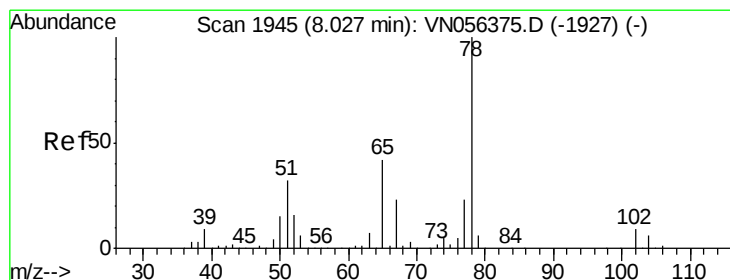
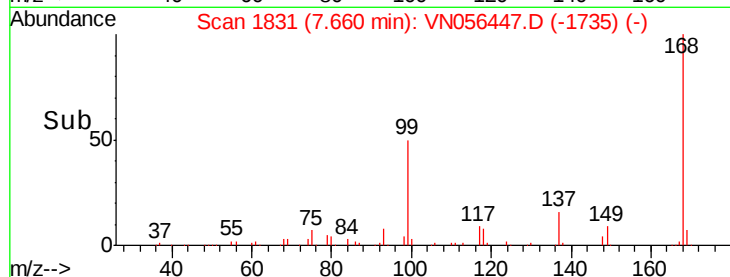
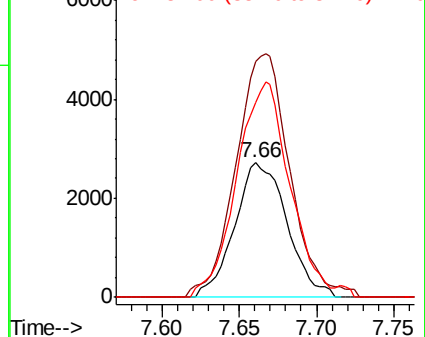
84 144.2 69.4 104.0#



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: 51.675 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056447.D

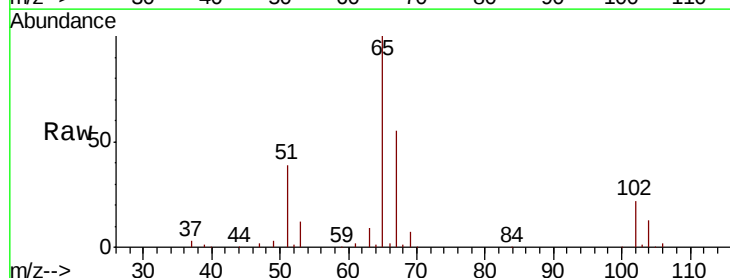
Acq: 24 Jun 2019 11:51

Tgt Ion: 65 Resp: 220251

Ion Ratio Lower Upper

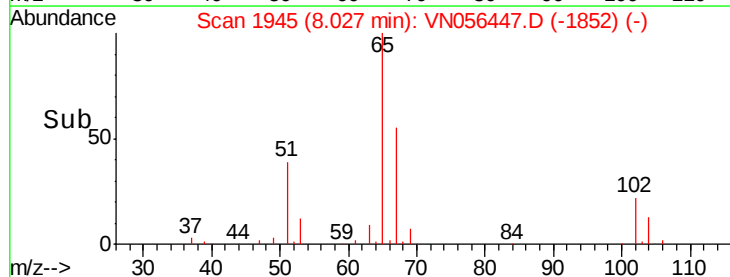
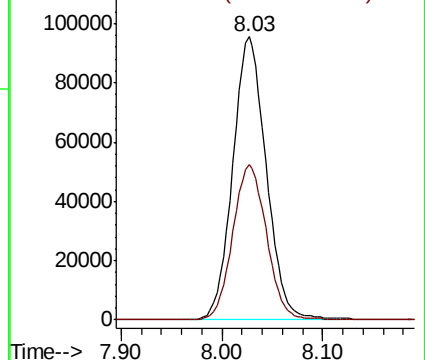
65 100

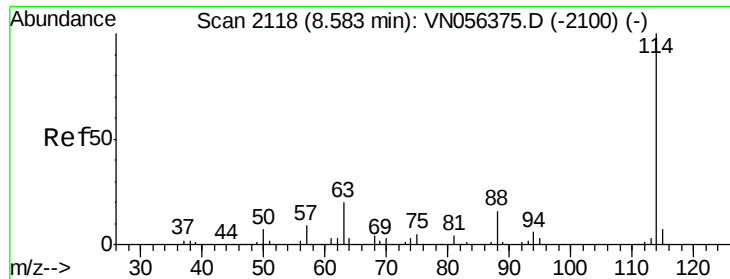
67 55.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

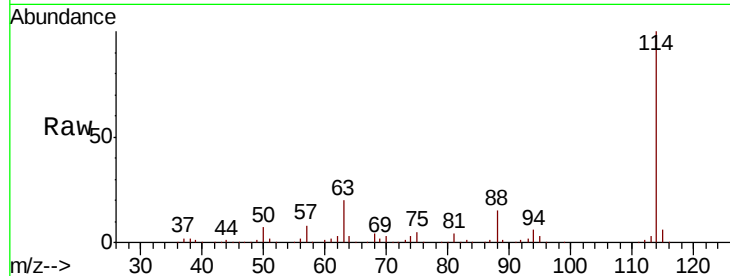




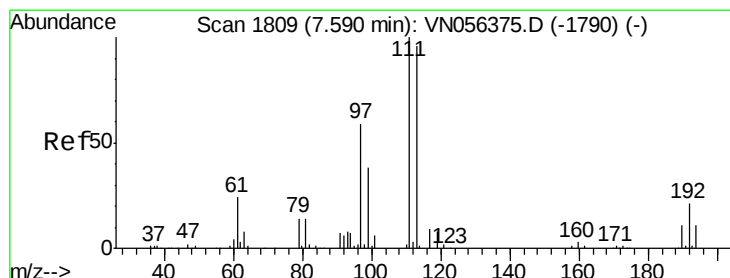
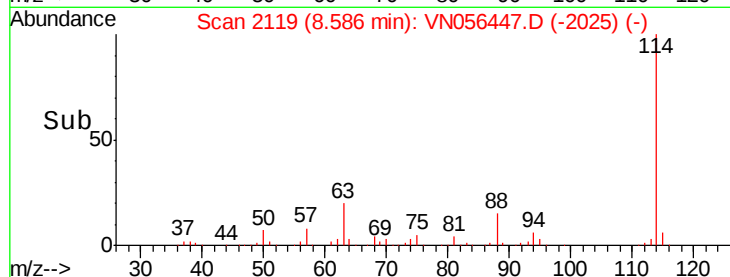
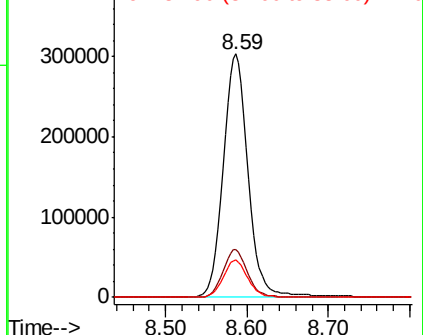
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

Instrument :
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 PB120834ZHE#02

Tot Ion:114 Resp: 652909
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.3 0.0 31.4

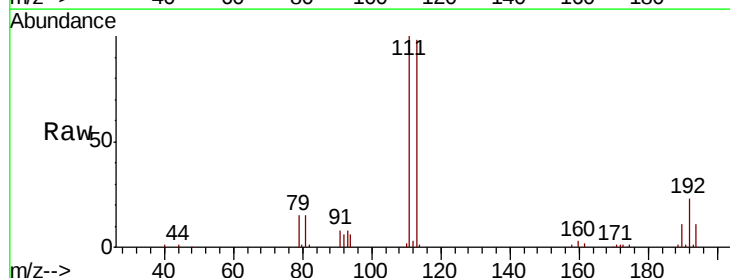


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

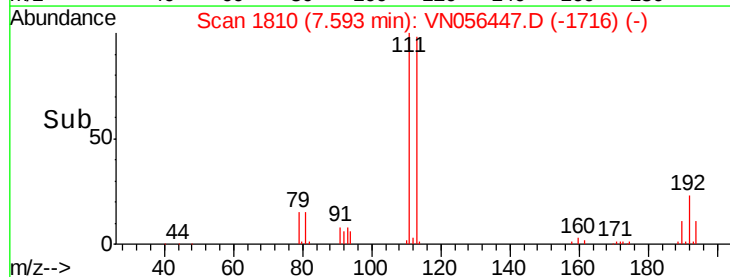
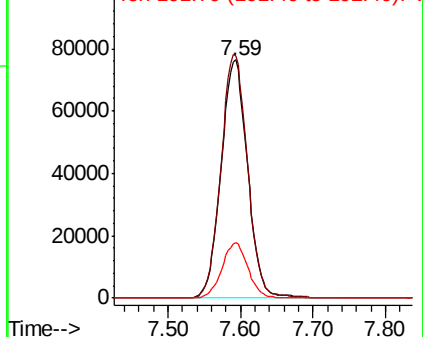


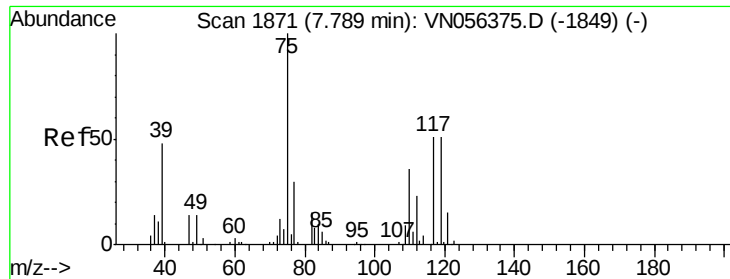
#35
 Dibromofluoromethane
 Concen: 47.663 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

Tgt Ion:113 Resp: 194137
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 22.8 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

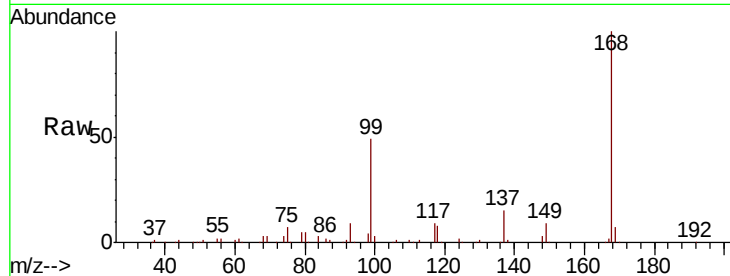




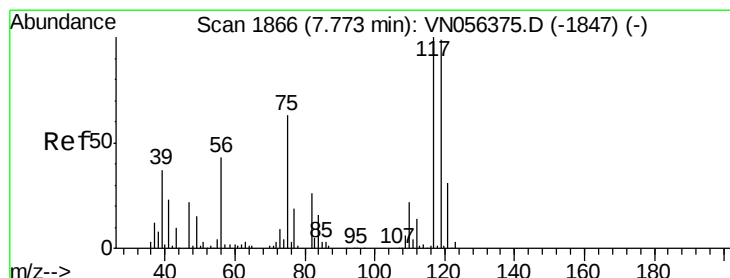
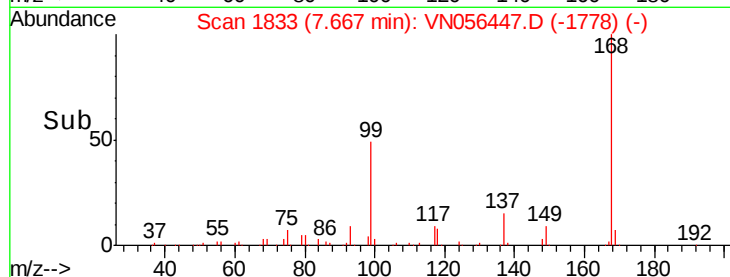
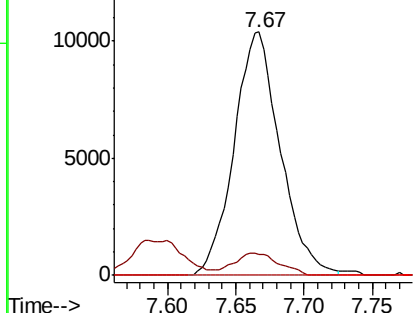
#36
 1,1-Dichloropropene
 Concen: 4.239 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

Instrument :
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 PB120834ZHE#02

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	24.6	36.8#

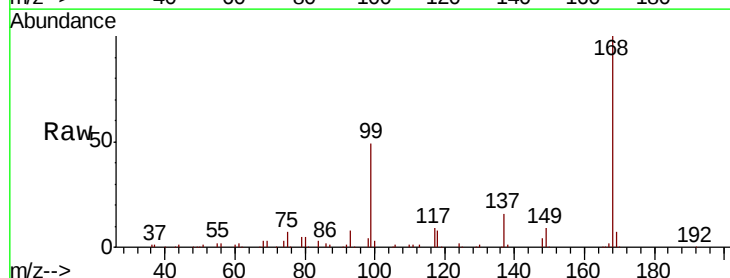


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

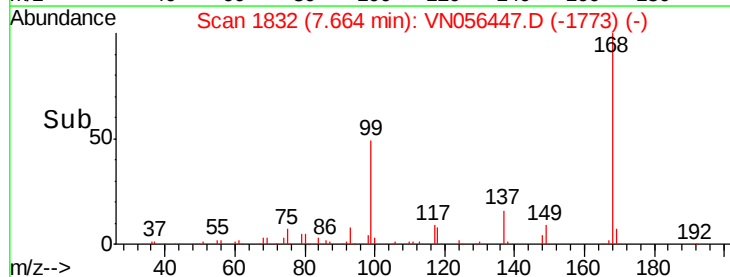
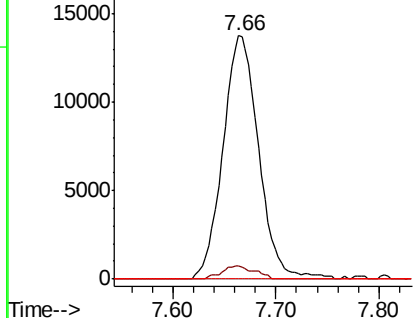


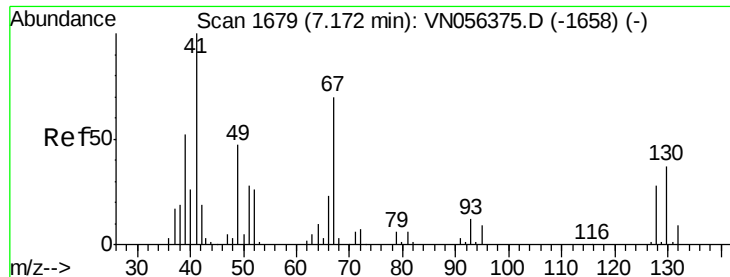
#38
 Carbon Tetrachloride
 Concen: 6.600 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	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

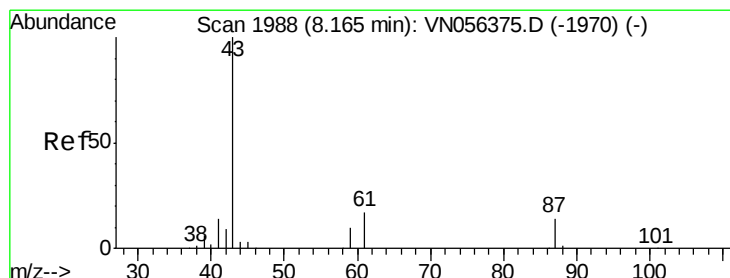
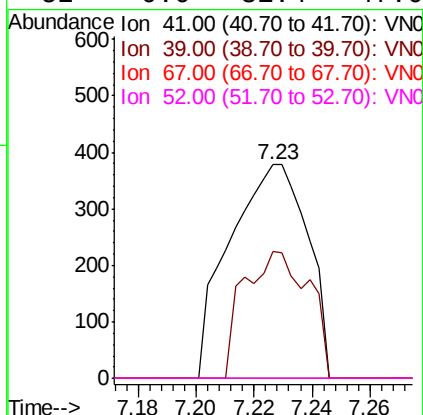
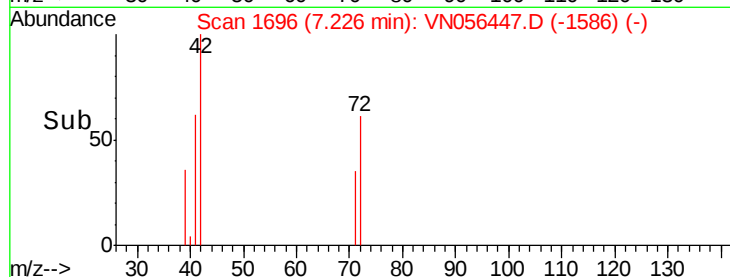
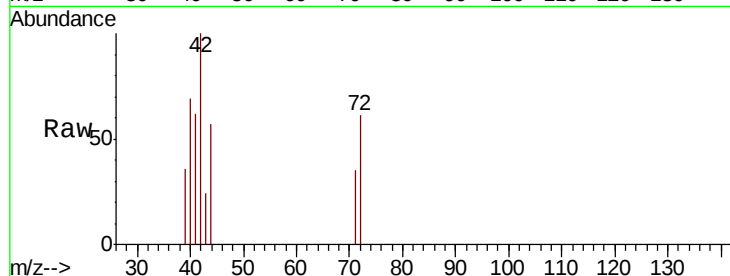




#41
Methacrylonitrile
Concen: 0.283 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN056447.D
Acq: 24 Jun 2019 11:51

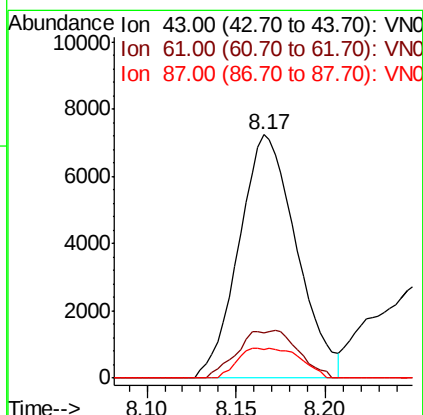
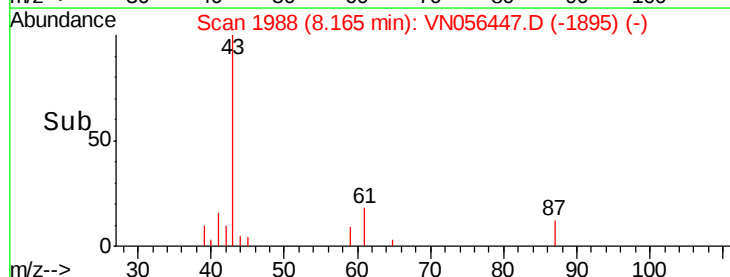
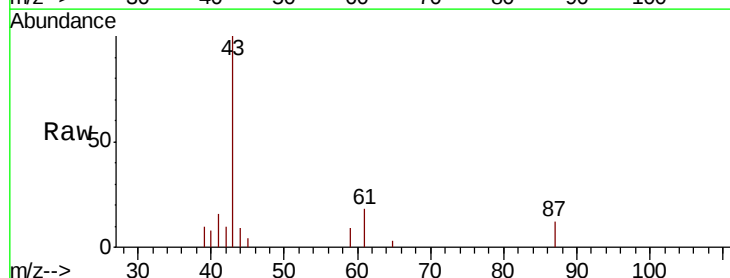
Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#02

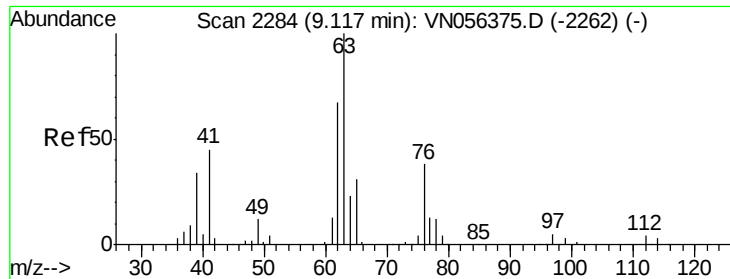
Tot Ion: 41 Resp: 705
Ion Ratio Lower Upper
41 100
39 49.4 55.3 82.9#
67 0.0 79.2 118.8#
52 0.0 31.4 47.0#



#43
Isopropyl Acetate
Concen: 1.864 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN056447.D
Acq: 24 Jun 2019 11:51

Tgt Ion: 43 Resp: 16236
Ion Ratio Lower Upper
43 100
61 9.8 22.0 33.0#
87 13.1 11.0 16.4





#45

1,2-Dichloropropane

Concen: 0.418 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

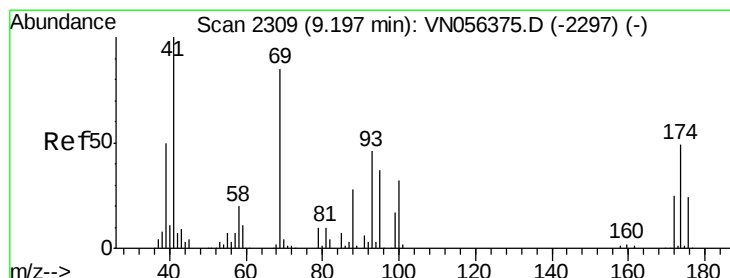
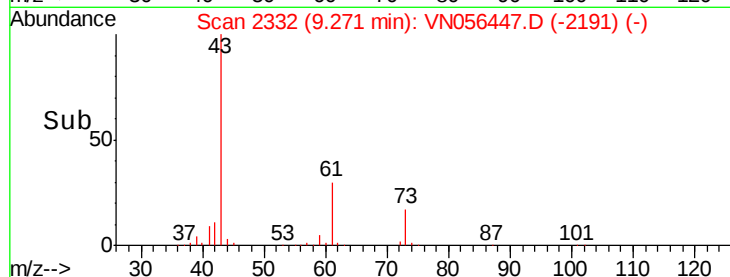
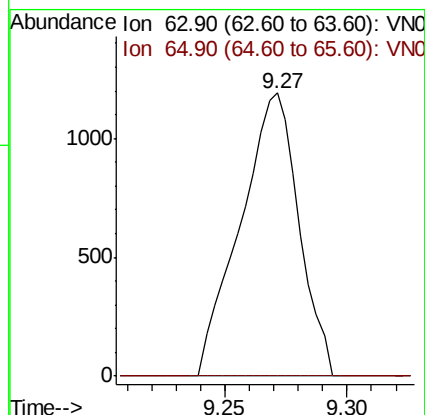
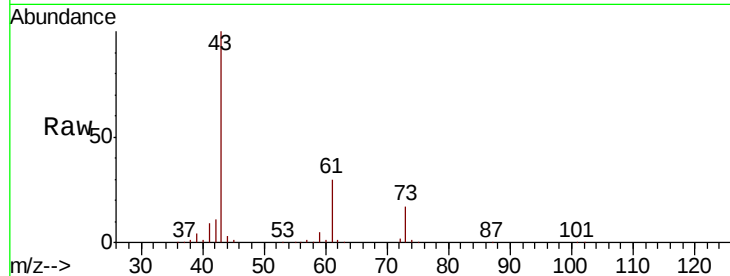
PB120834ZHE#02

Tot Ion: 63 Resp: 1977

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



#48

Methyl methacrylate

Concen: 2.198 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

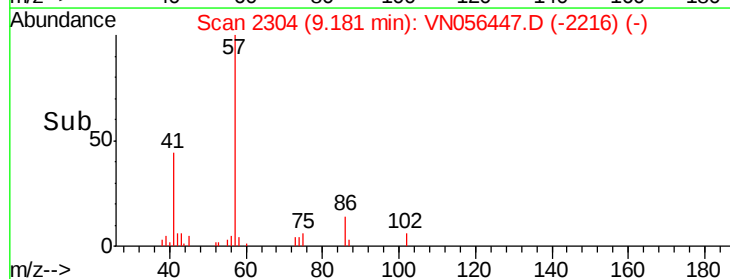
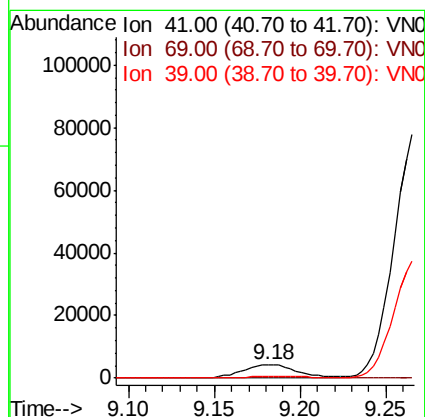
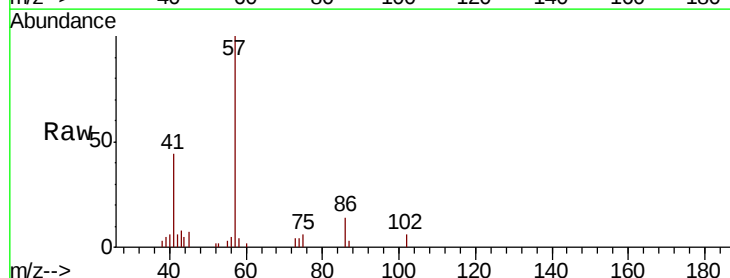
Tgt Ion: 41 Resp: 9594

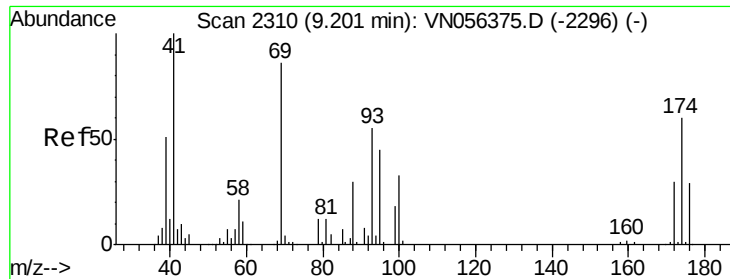
Ion Ratio Lower Upper

41 100

69 0.0 72.6 109.0#

39 0.0 42.6 63.8#





#49

1,4-Dioxane

Concen: 2.385 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.05 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#02

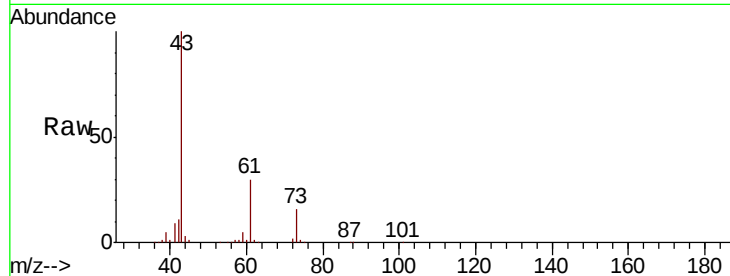
Tot Ion: 88 Resp: 216

Ion Ratio Lower Upper

88 100

43 788277.3 22.0 33.0#

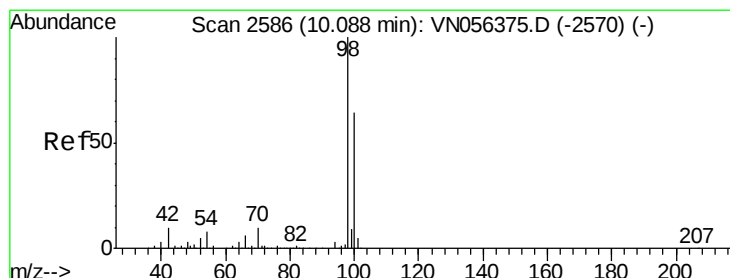
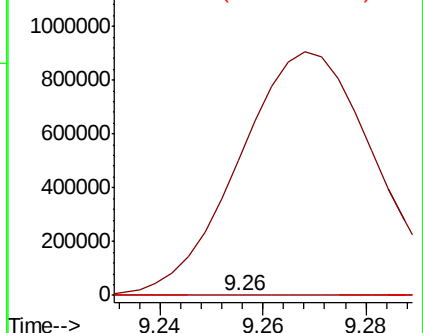
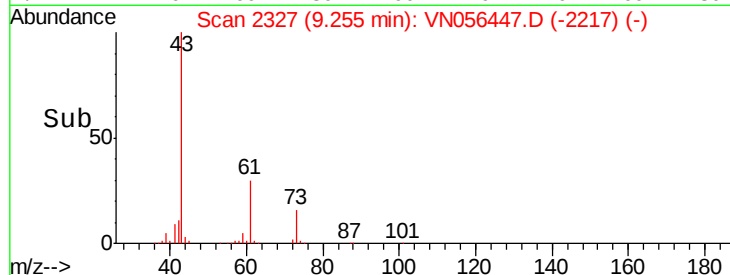
58 3350.9 51.8 77.8#



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: 51.697 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056447.D

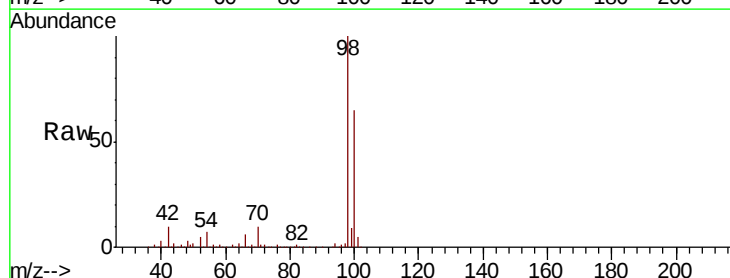
Acq: 24 Jun 2019 11:51

Tgt Ion: 98 Resp: 819329

Ion Ratio Lower Upper

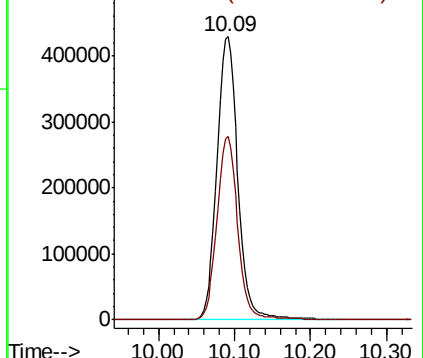
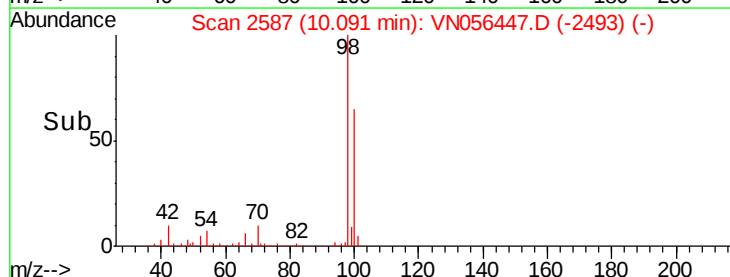
98 100

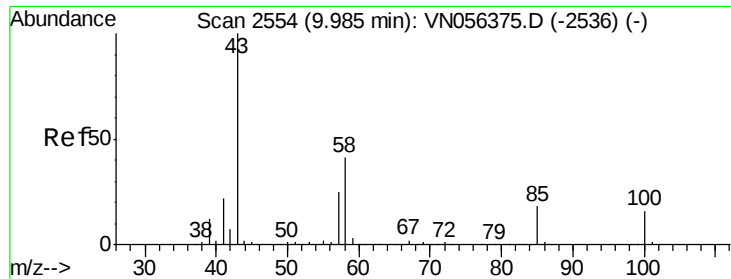
100 64.5 52.2 78.2



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: 1.020 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

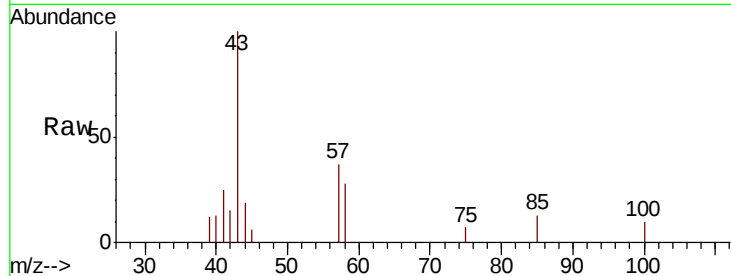
PB120834ZHE#02

Tot Ion: 43 Resp: 5731

Ion Ratio Lower Upper

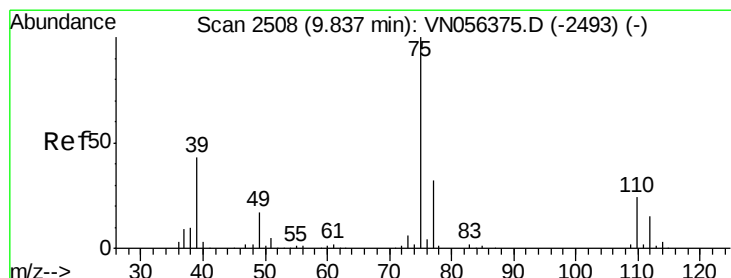
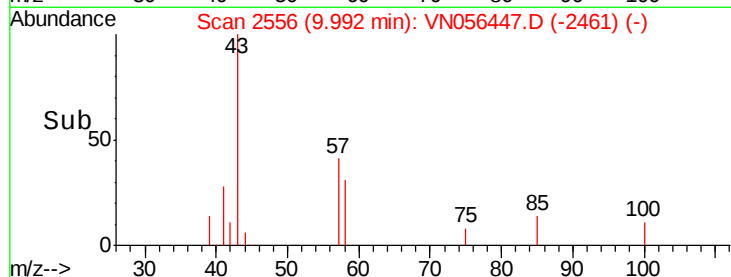
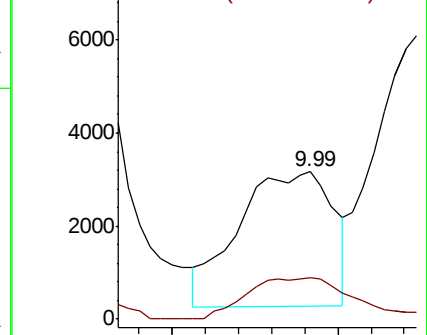
43 100

58 15.4 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: 11.018 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

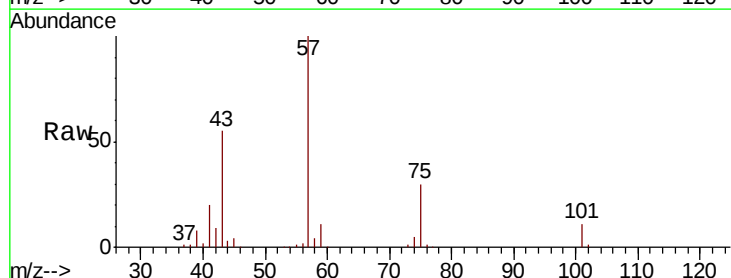
Tgt Ion: 75 Resp: 69602

Ion Ratio Lower Upper

75 100

77 0.7 25.2 37.8#

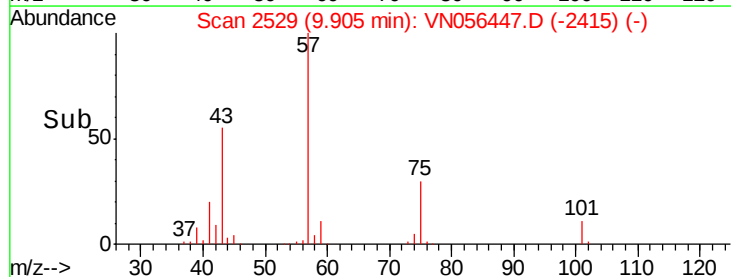
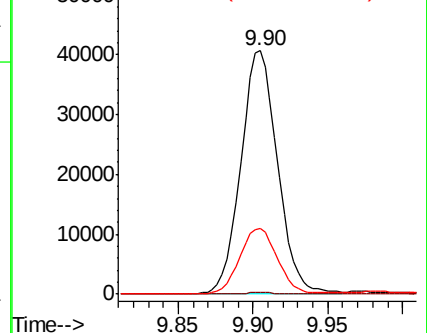
39 26.9 34.2 51.4#

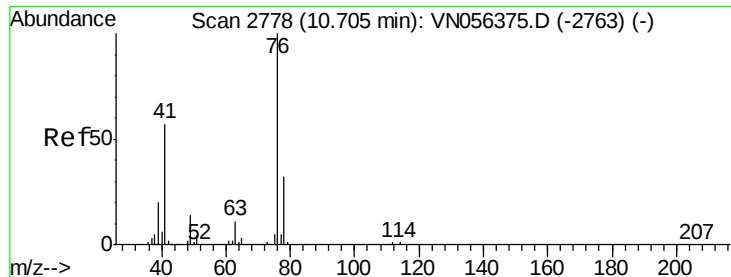


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 2.154 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

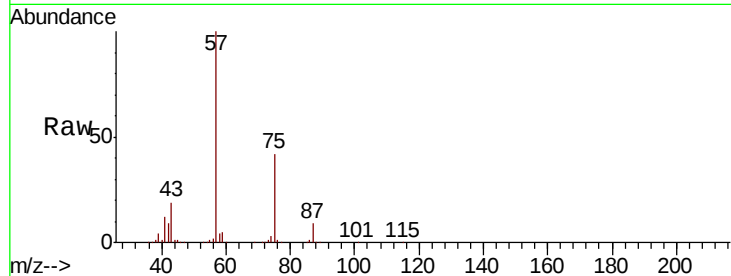
PB120834ZHE#02

Tot Ion: 76 Resp: 15723

Ion Ratio Lower Upper

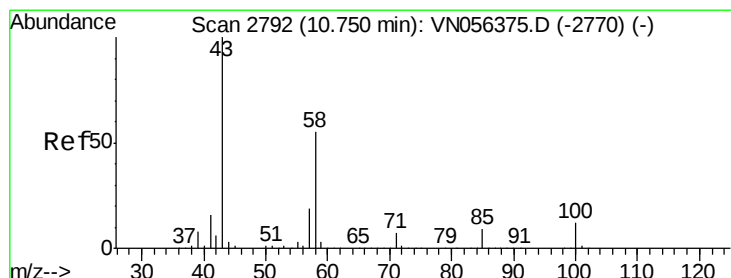
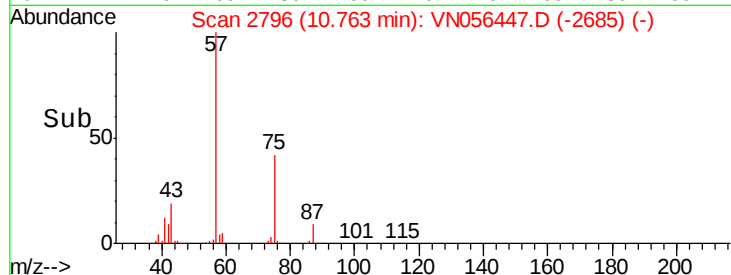
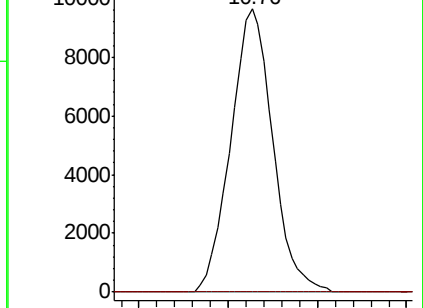
76 100

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: 49.617 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056447.D

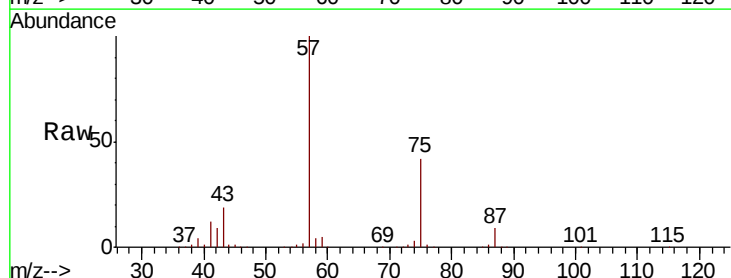
Acq: 24 Jun 2019 11:51

Tgt Ion: 43 Resp: 204970

Ion Ratio Lower Upper

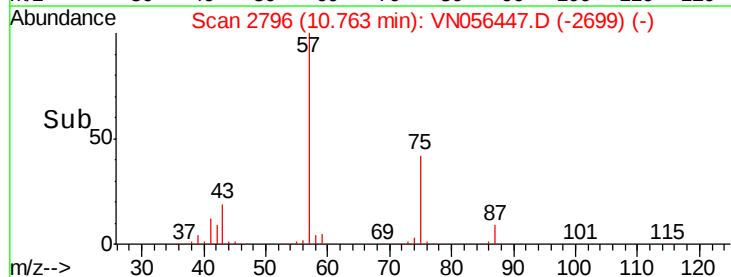
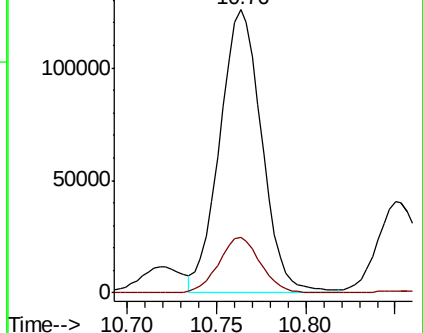
43 100

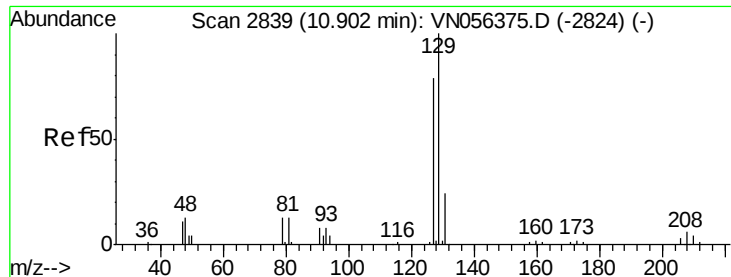
58 19.9 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

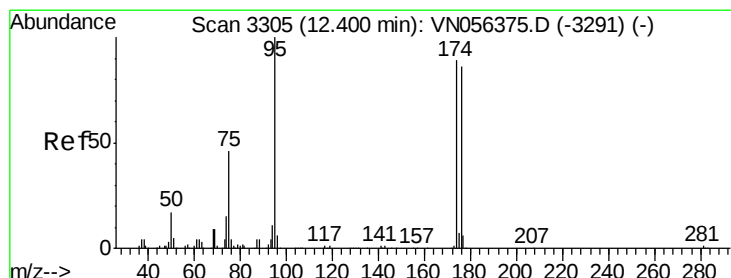
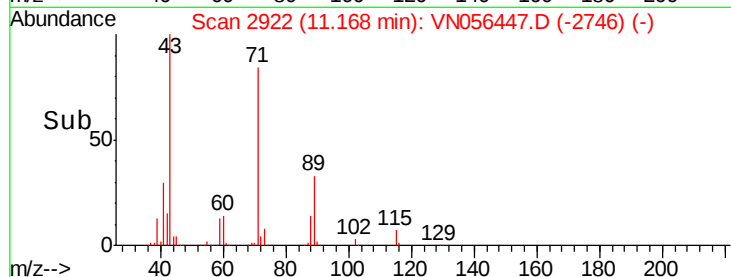
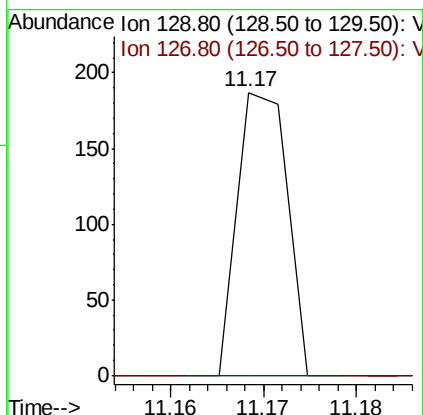
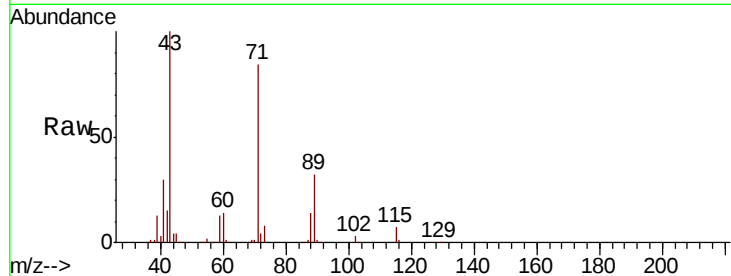




#60
 Dibromochloromethane
 Concen: 2.397 ug/l
 RT: 11.17 min Scan# 2922
 Delta R.T. 0.27 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

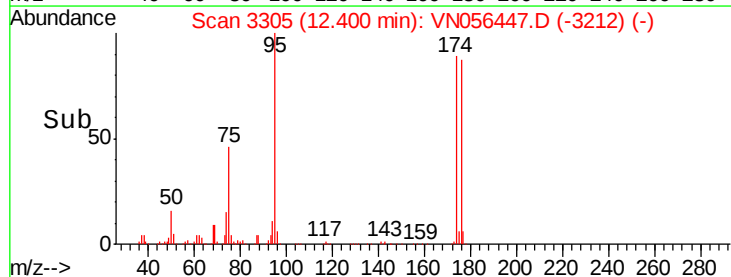
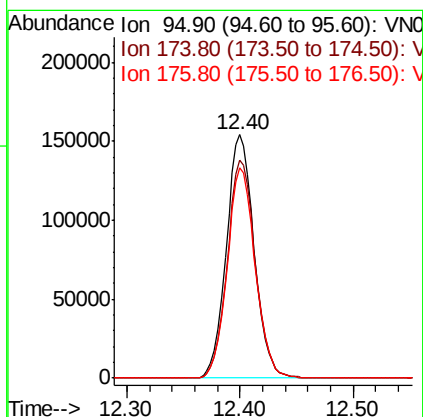
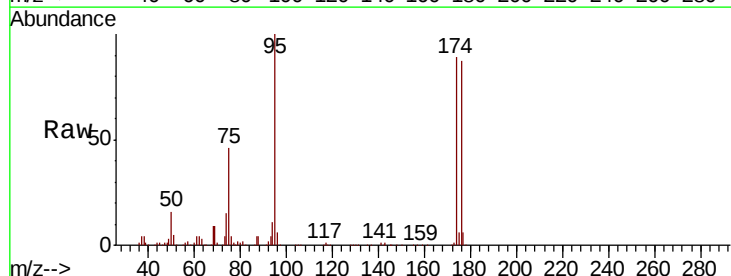
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#02

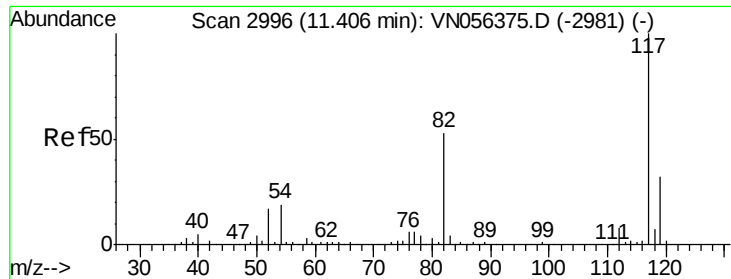
Tot Ion: 129 Resp: 71
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.7#



#62
 4-Bromofluorobenzene
 Concen: 49.568 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

Tgt Ion: 95 Resp: 261884
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 179.4
 176 87.3 0.0 173.4

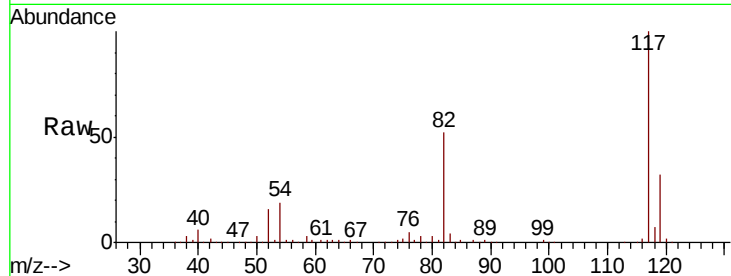




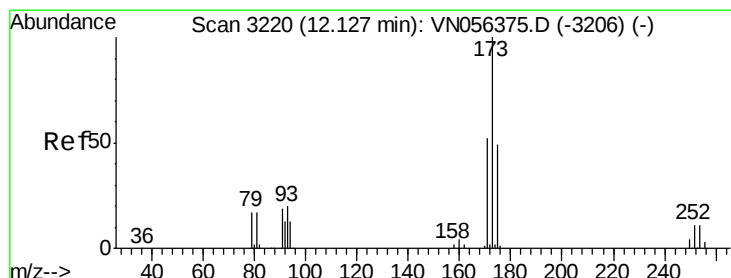
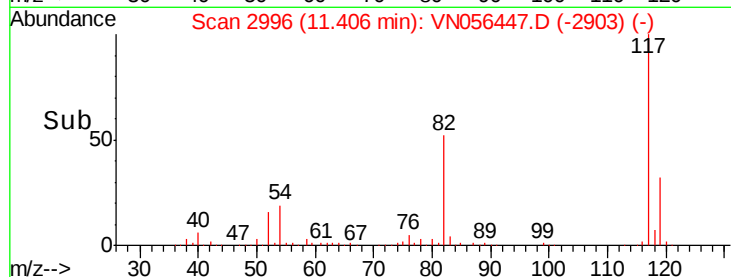
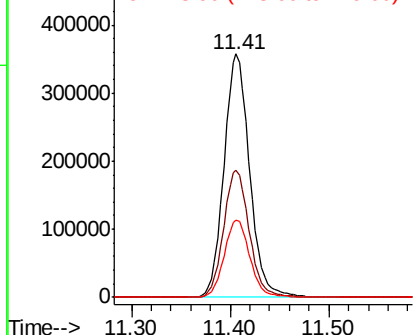
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056447.D
Acq: 24 Jun 2019 11:51

Instrument :
MSVOA_N
ClientSampleId :
PB120834ZHE#02

Tot Ion:117 Resp: 650296
Ion Ratio Lower Upper
117 100
82 52.2 42.0 63.0
119 31.9 25.3 37.9

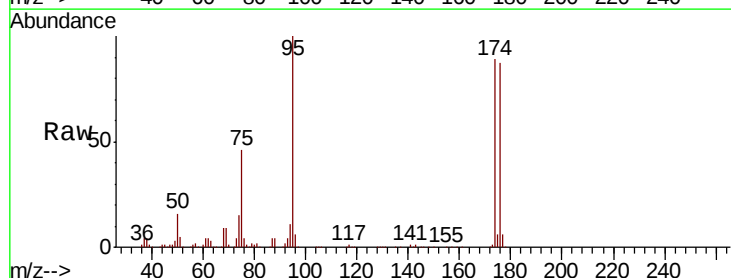


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

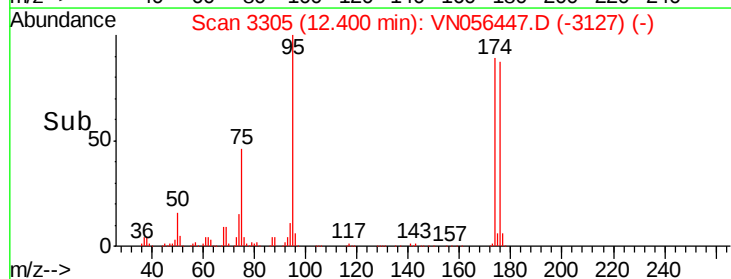
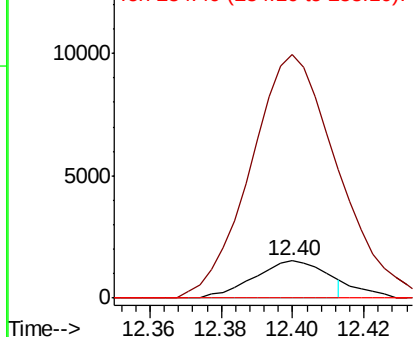


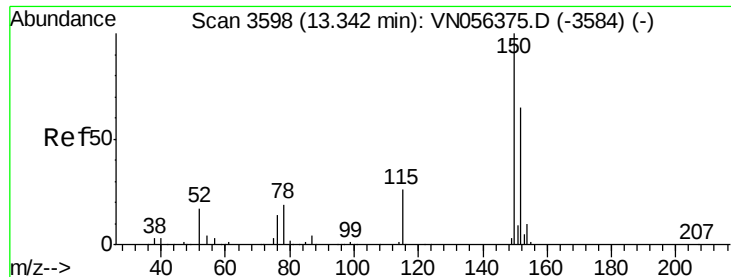
#71
Bromoform
Concen: 3.702 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056447.D
Acq: 24 Jun 2019 11:51

Tgt Ion:173 Resp: 2125
Ion Ratio Lower Upper
173 100
175 688.1 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: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#02

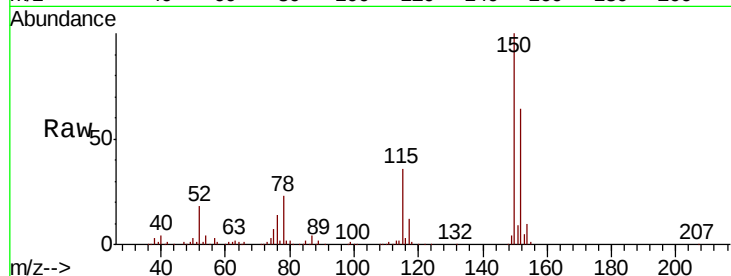
Tot Ion:152 Resp: 187122

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.4

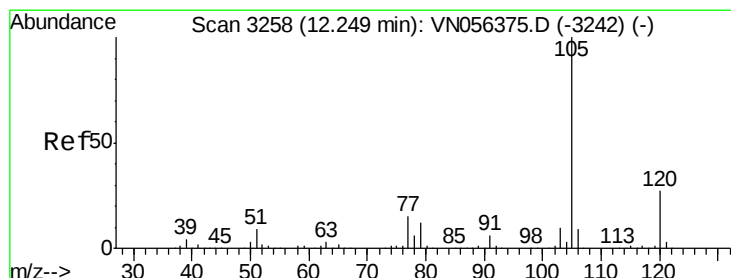
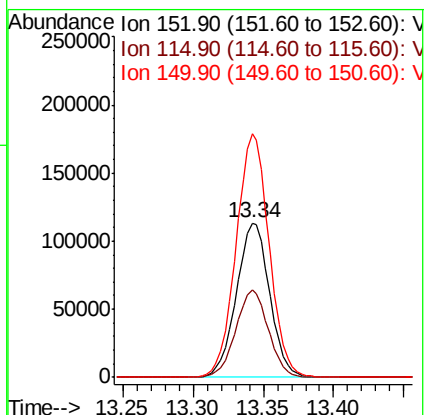
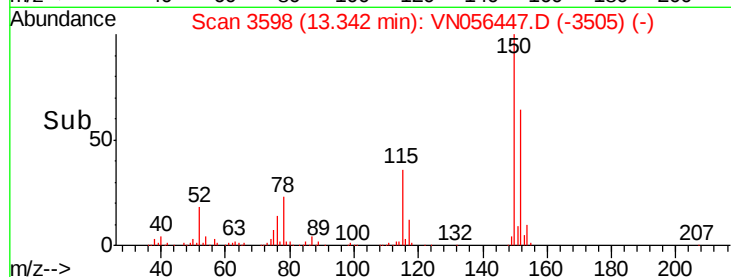
150 156.3 0.0 348.4



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: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN056447.D

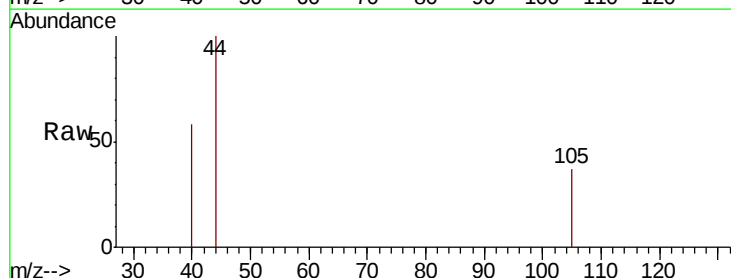
Acq: 24 Jun 2019 11:51

Tgt Ion:105 Resp: 233

Ion Ratio Lower Upper

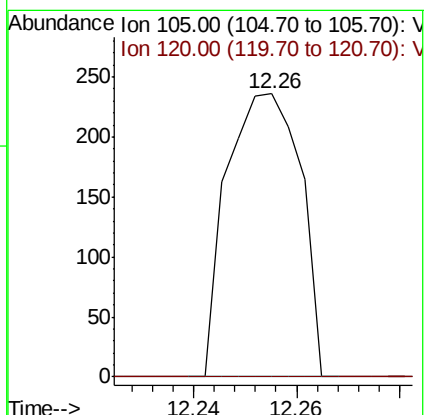
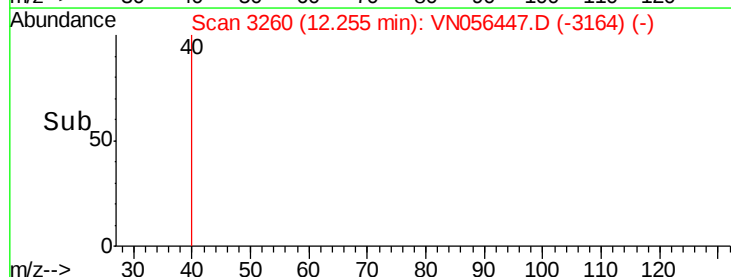
105 100

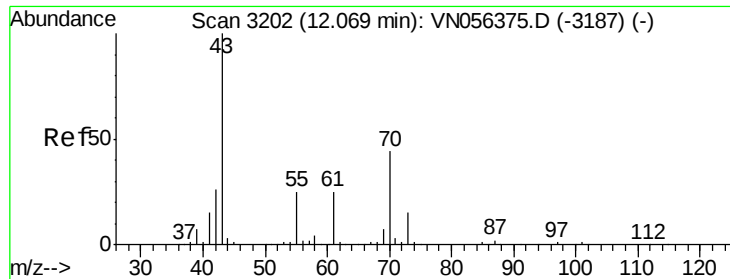
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.297 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#02

Tot Ion: 43 Resp: 19633

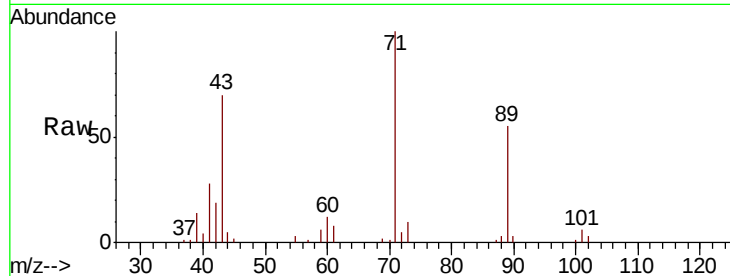
Ion Ratio Lower Upper

43 100

70 1.6 34.9 52.3#

55 4.7 20.4 30.6#

61 9.9 19.8 29.8#

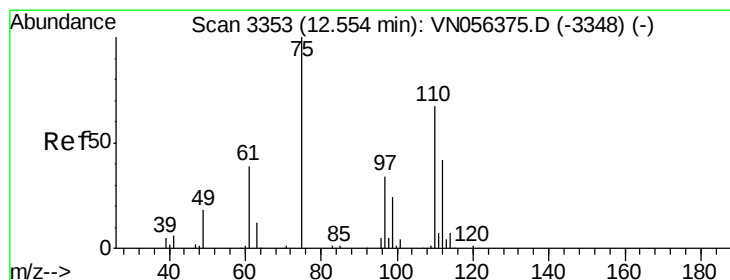
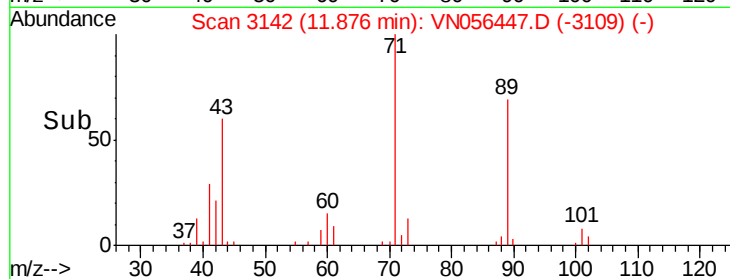
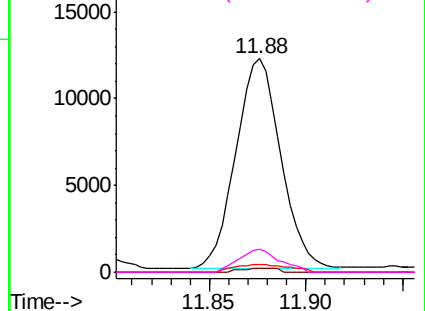


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 31.344 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056447.D

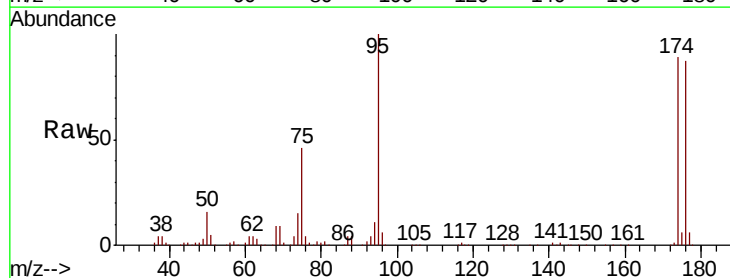
Acq: 24 Jun 2019 11:51

Tgt Ion: 75 Resp: 121616

Ion Ratio Lower Upper

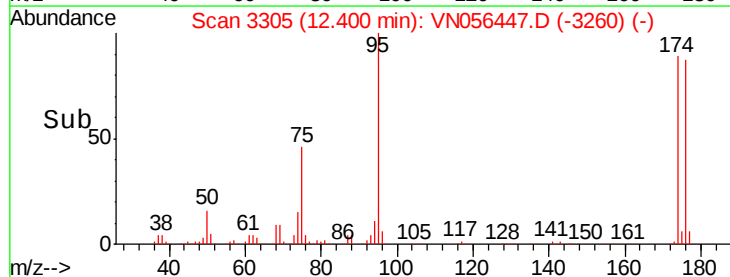
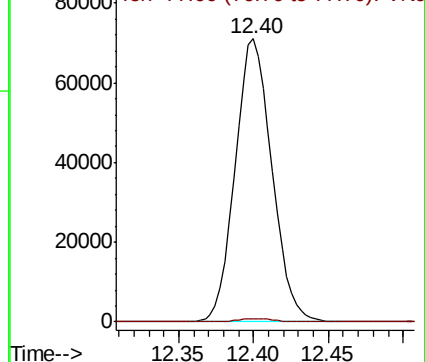
75 100

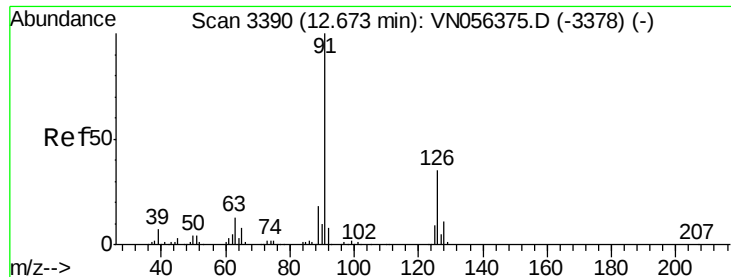
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

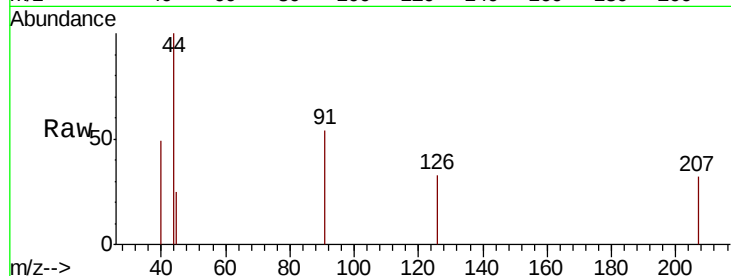
PB120834ZHE#02

Tot Ion: 91 Resp: 446

Ion Ratio Lower Upper

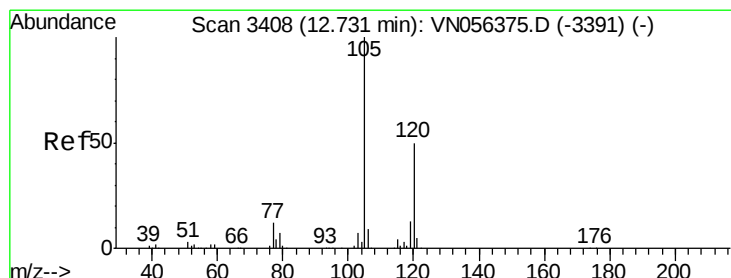
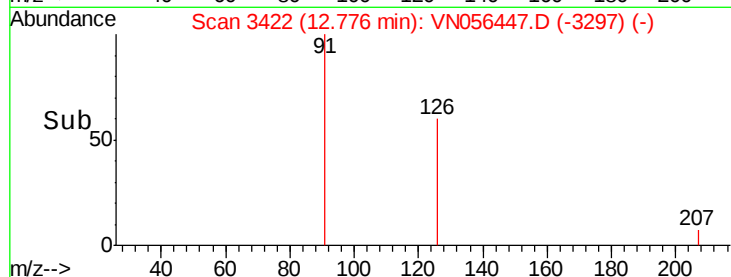
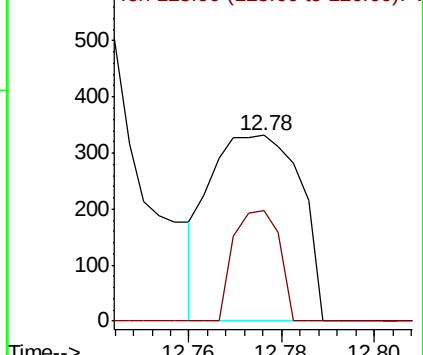
91 100

126 30.3 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056447.D

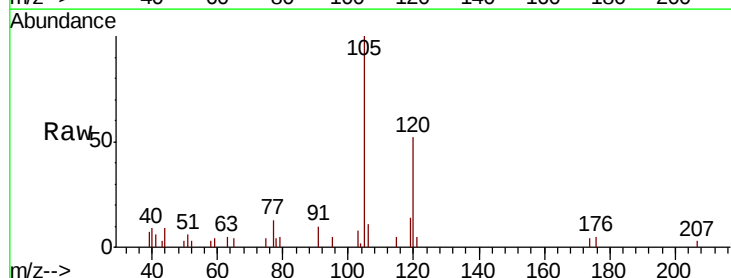
Acq: 24 Jun 2019 11:51

Tgt Ion: 105 Resp: 10639

Ion Ratio Lower Upper

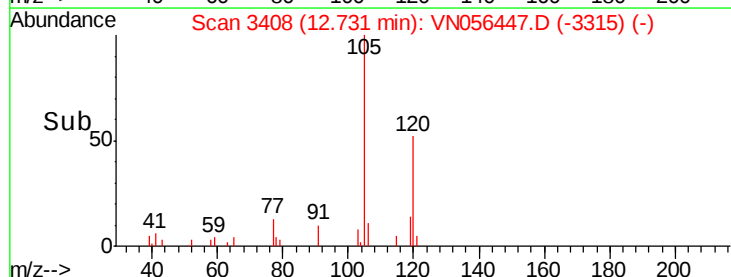
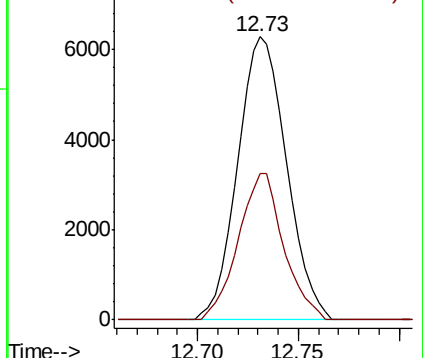
105 100

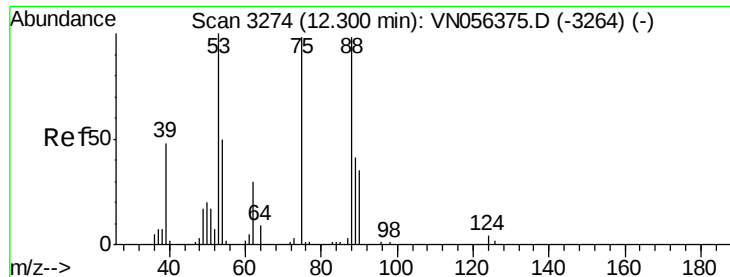
120 48.0 24.8 74.4



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: 111.402 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

Instrument :

MSVOA_N

ClientSampleId :

PB120834ZHE#02

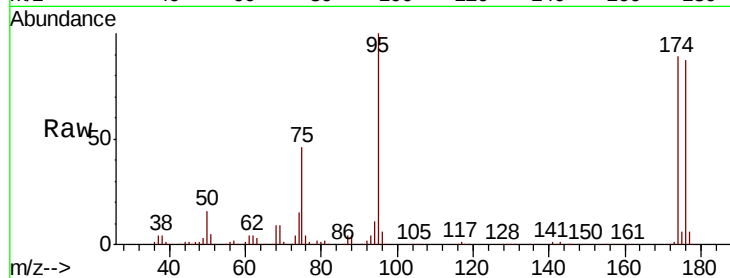
Tot Ion: 75 Resp: 121616

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

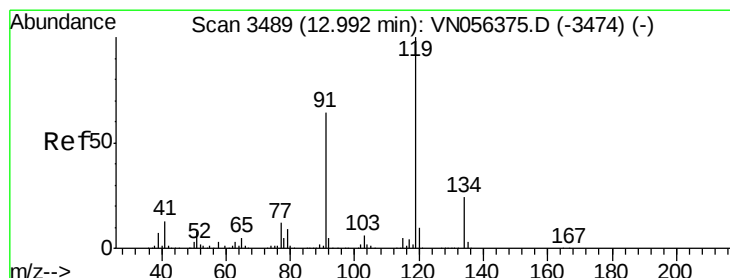
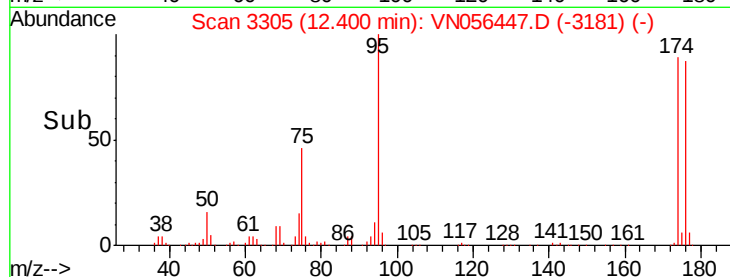
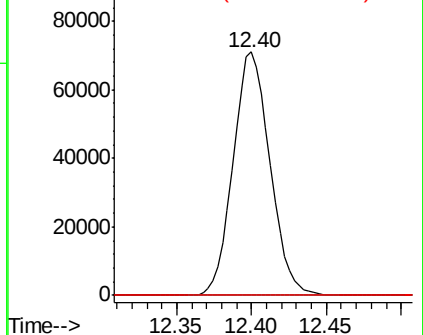
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN056375.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN056375.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056447.D

Acq: 24 Jun 2019 11:51

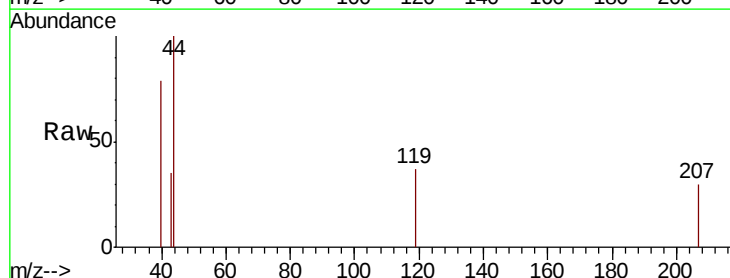
Tgt Ion:119 Resp: 162

Ion Ratio Lower Upper

119 100

91 0.0 31.6 94.7#

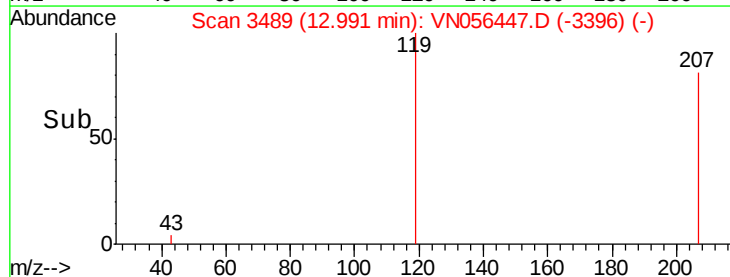
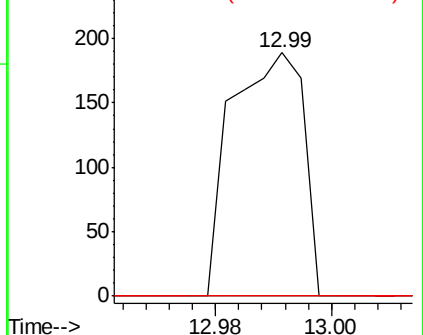
134 0.0 13.2 39.5#

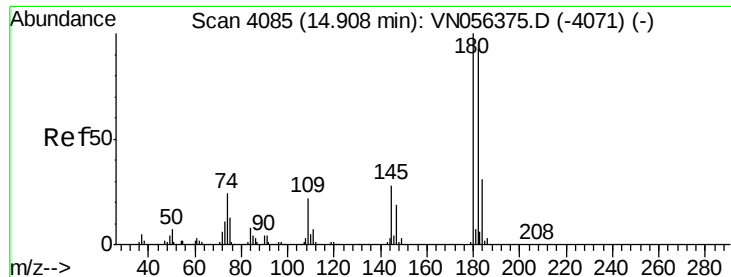


Abundance Ion 119.00 (118.70 to 119.70): VN056375.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN056375.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3474) (-)

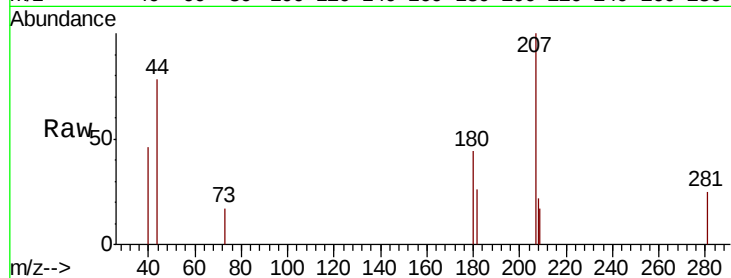




#93
 1,2,4-Trichlorobenzene
 Concen: 5.771 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

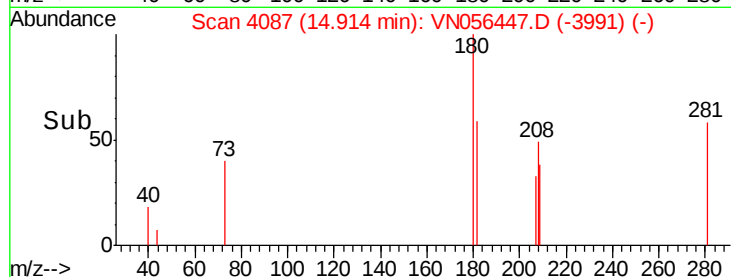
Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#02

Tot Ion:180 Resp: 580
 Ion Ratio Lower Upper
 180 100
 182 53.4 46.9 140.6
 145 0.0 14.4 43.0#

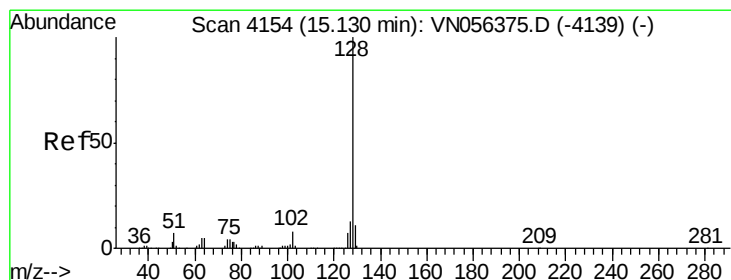


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

14.91

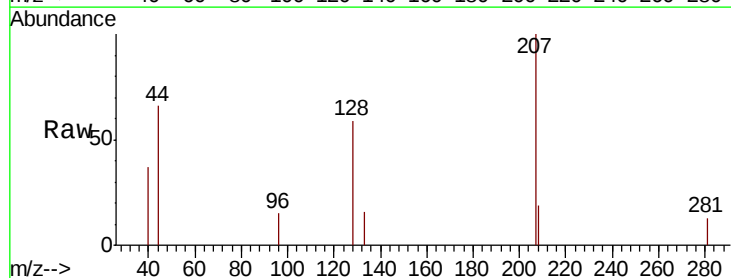


Time-->



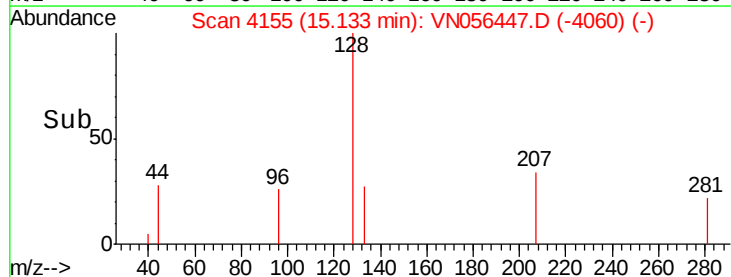
#95
 Naphthalene
 Concen: 5.371 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

Tgt Ion:128 Resp: 1209
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.6 12.8#

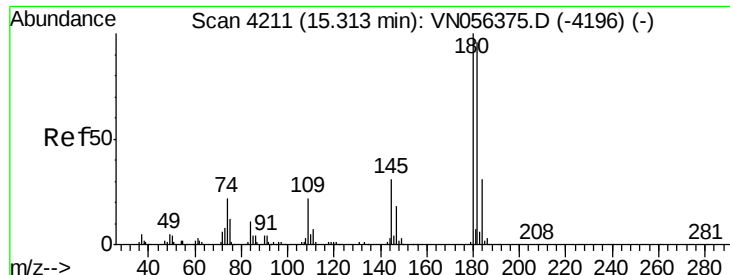


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

15.13



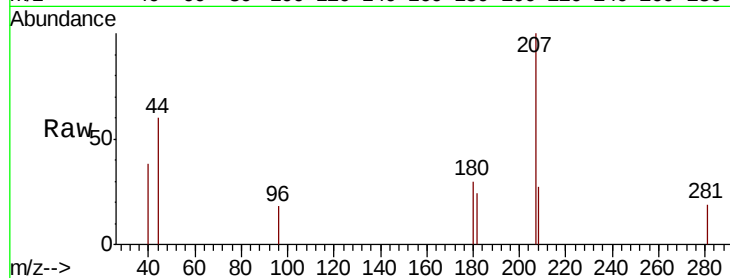
Time-->



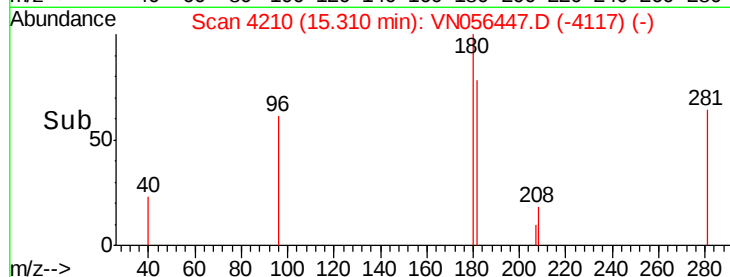
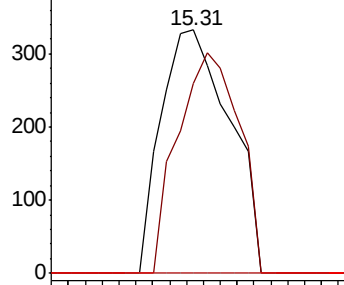
#96
 1,2,3-Trichlorobenzene
 Concen: 4.583 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056447.D
 Acq: 24 Jun 2019 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120834ZHE#02

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.0	48.3	144.8
145	0.0	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



Time-->