

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072219\
 Data File : VN056865.D
 Acq On : 22 Jul 2019 19:48
 Operator : JC/SP
 Sample : PB121556ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#05

Quant Time: Jul 23 02:12:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	257406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	476600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	517188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	151974	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	7.59	113	142620	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.09	98	611205	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.40	95	210118	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	

Target Compounds

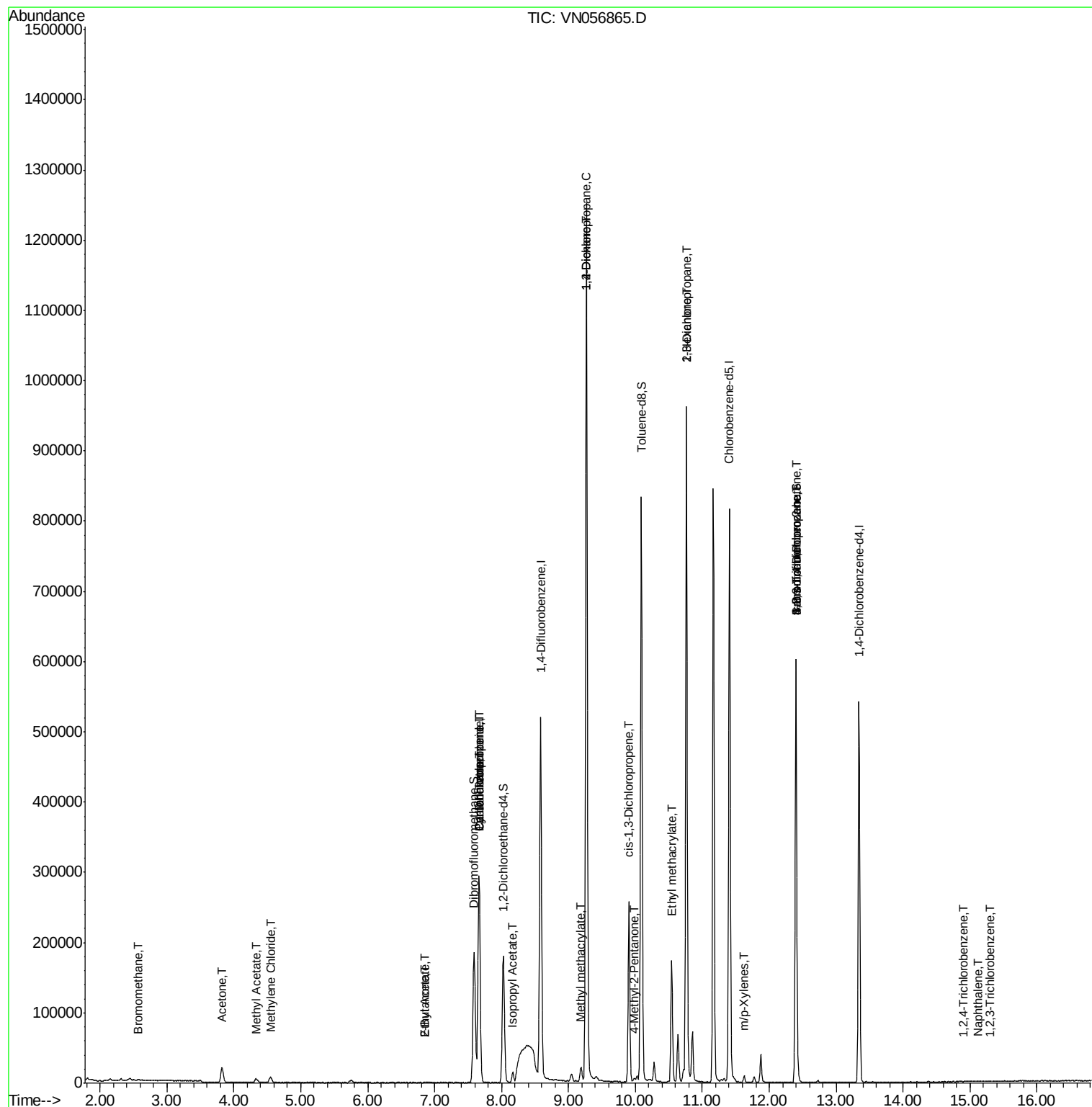
					Qvalue	
5) Bromomethane	2.56	94	833	0.415	ug/l	91
16) Acetone	3.82	43	37870	38.302	ug/l	95
18) Methyl Acetate	4.33	43	12169	1.990	ug/l	96
20) Methylene Chloride	4.55	84	5889	1.992	ug/l	95
25) 2-Butanone	6.85	43	2274	1.565	ug/l #	88
31) Cyclohexane	7.67	56	3977	0.852	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17003	3.869	ug/l #	49
37) Ethyl Acetate	6.85	43	2274	0.642	ug/l #	67
38) Carbon Tetrachloride	7.66	117	22377	5.348	ug/l #	17
43) Isopropyl Acetate	8.17	43	17309	2.841	ug/l	97
45) 1,2-Dichloropropane	9.27	63	1453	0.395	ug/l #	43
48) Methyl methacrylate	9.18	41	8033	2.635	ug/l #	13
49) 1,4-Dioxane	9.27	88	62	1.037	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3471	0.955	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	49082	9.502	ug/l #	62
56) Ethyl methacrylate	10.54	69	1069	0.236	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10074	1.866	ug/l #	42
59) 2-Hexanone	10.76	43	134781	53.589	ug/l #	51
68) m/p-Xylenes	11.63	106	3006	0.433	ug/l	95
71) Bromoform	12.40	173	1555	0.554	ug/l #	1
73) Isopropylbenzene	12.39	105	102	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	98635	29.345	ug/l #	100
79) 2-Chlorotoluene	12.73	91	69	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1619	Below Cal		91
81) trans-1,4-Dichloro-2-buten	12.40	75	98635	93.986	ug/l #	13
83) tert-Butylbenzene	12.99	119	29	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.90	180	66	4.150	ug/l #	12
95) Naphthalene	15.13	128	380	3.670	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.31	180	95	2.499	ug/l #	12

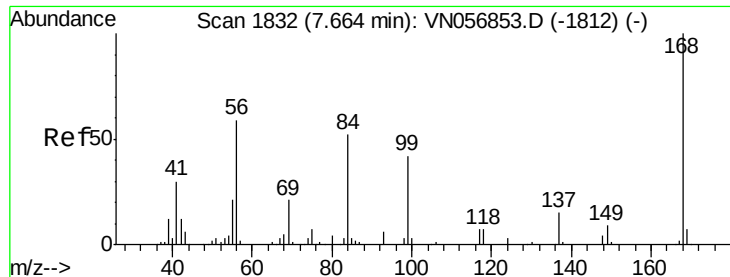
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 23 01:46:34 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: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

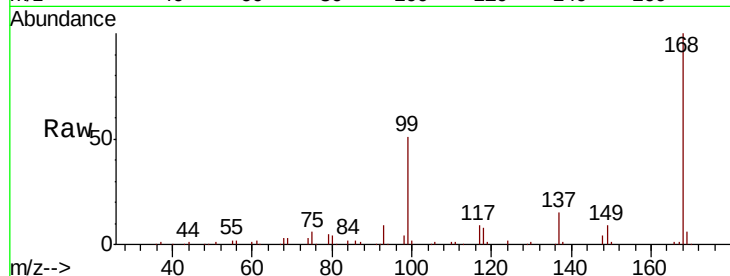
PB121556ZHE#05

Tot Ion:168 Resp: 257406

Ion Ratio Lower Upper

168 100

99 50.8 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

120000

100000

80000

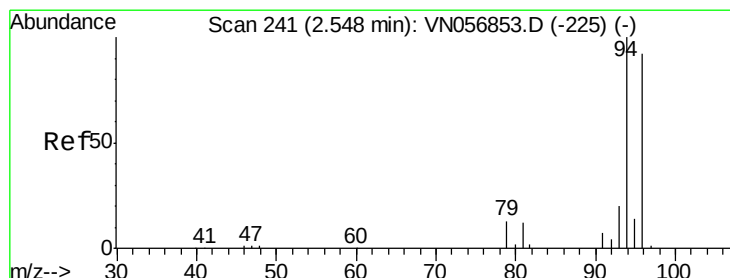
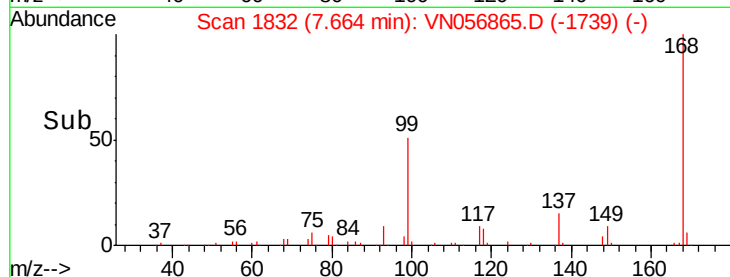
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.415 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN056865.D

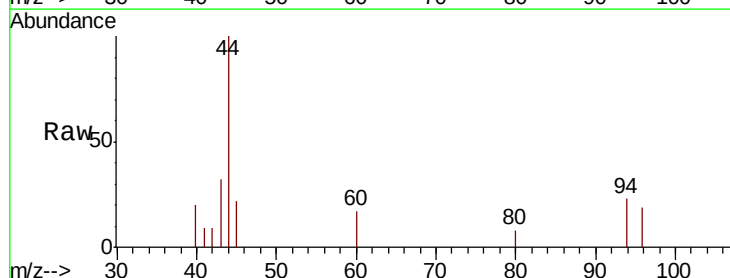
Acq: 22 Jul 2019 19:48

Tgt Ion: 94 Resp: 833

Ion Ratio Lower Upper

94 100

96 83.8 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.56

500

400

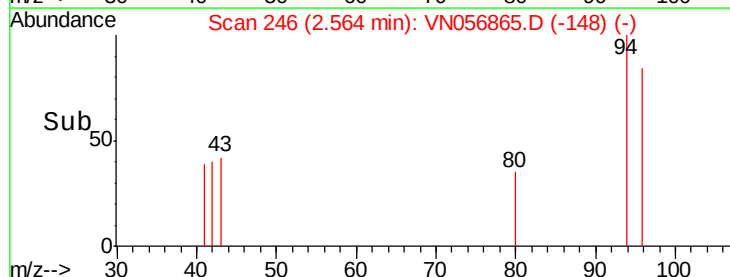
300

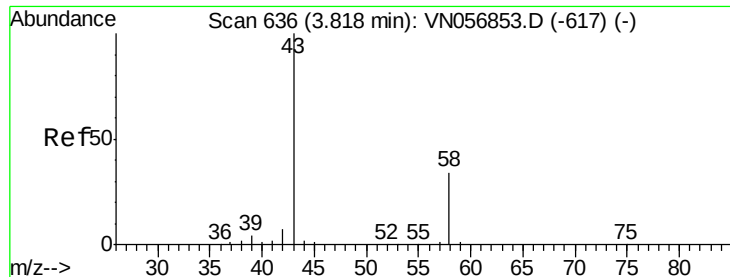
200

100

0

Time-->





#16

Acetone

Concen: 38.302 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

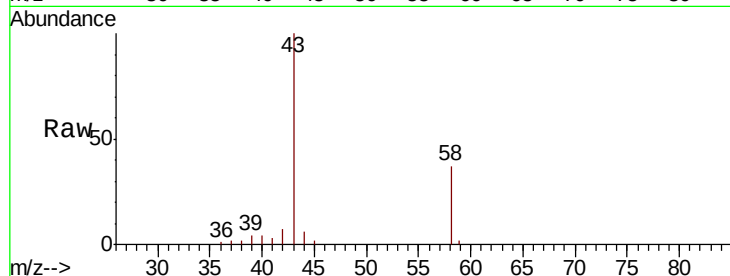
PB121556ZHE#05

Tot Ion: 43 Resp: 37870

Ion Ratio Lower Upper

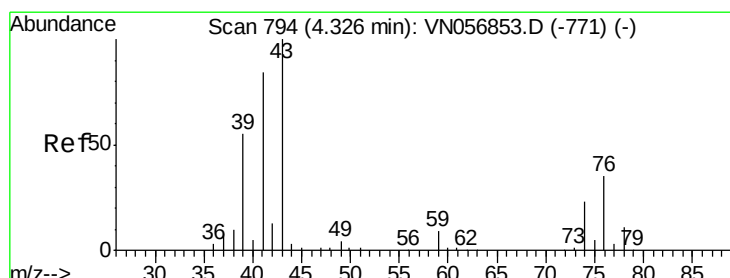
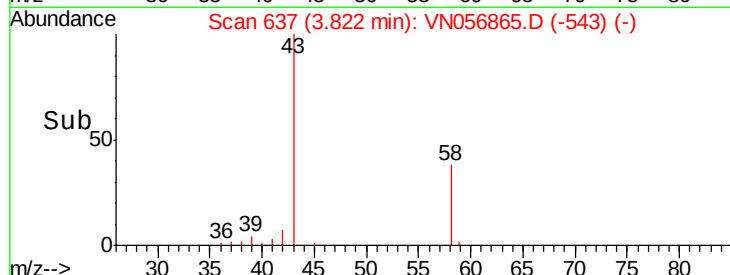
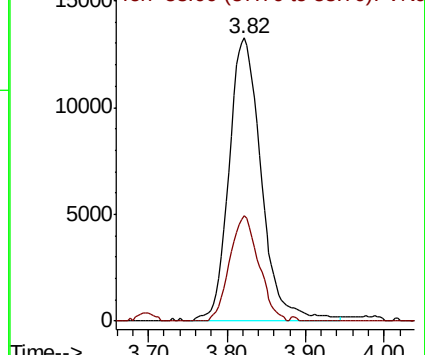
43 100

58 37.1 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.990 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN056865.D

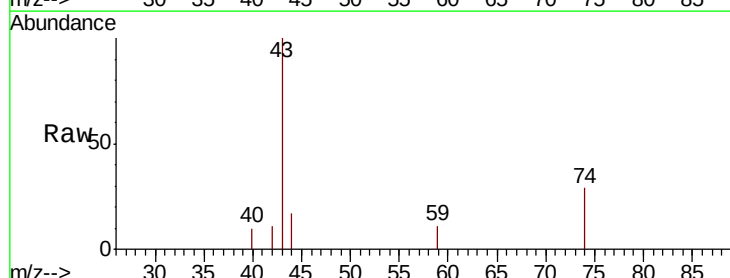
Acq: 22 Jul 2019 19:48

Tgt Ion: 43 Resp: 12169

Ion Ratio Lower Upper

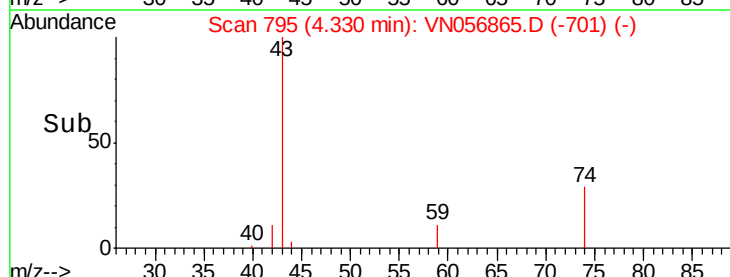
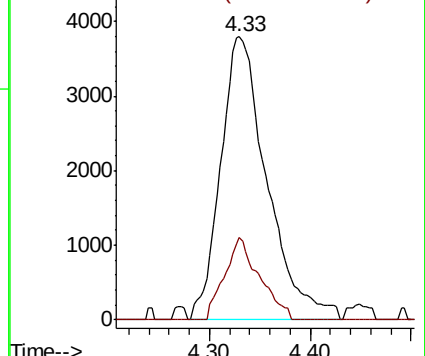
43 100

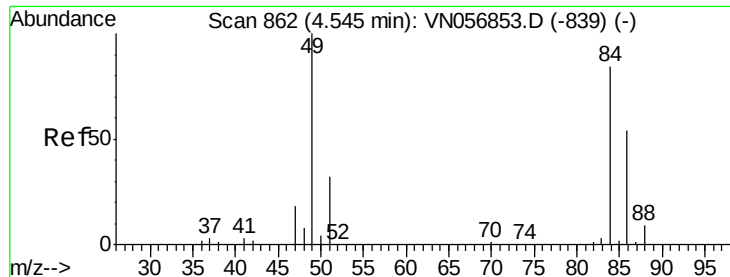
74 21.8 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

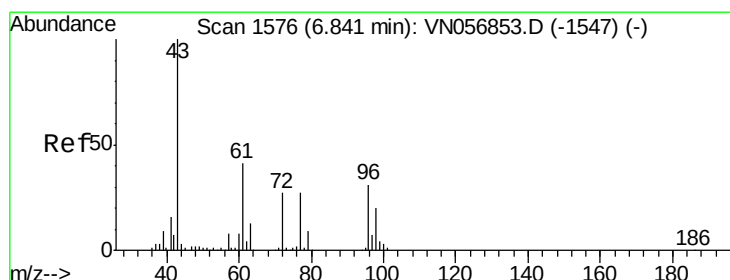
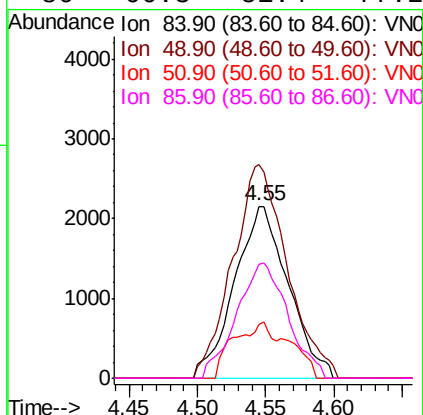
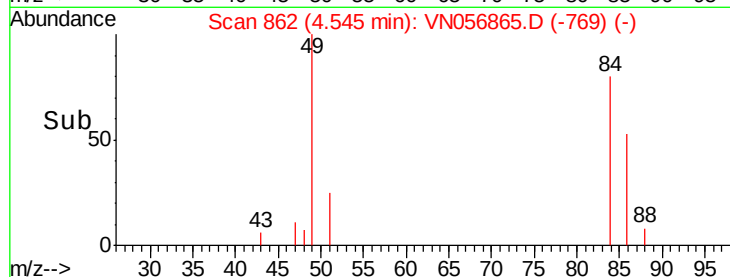
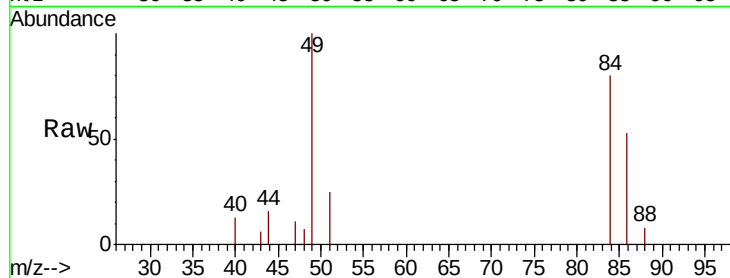




#20
Methvlene Chloride
Concen: 1.992 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056865.D
Acq: 22 Jul 2019 19:48

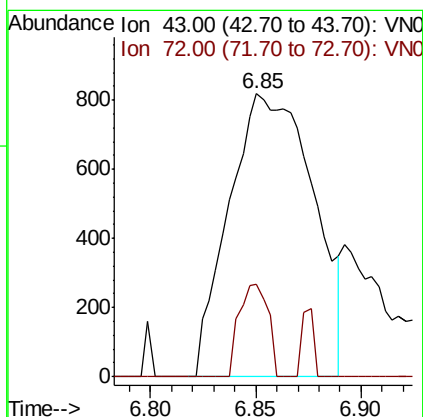
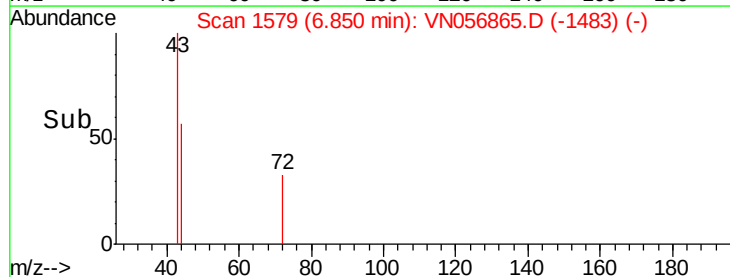
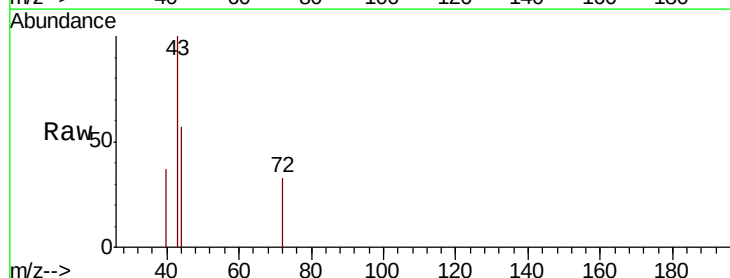
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#05

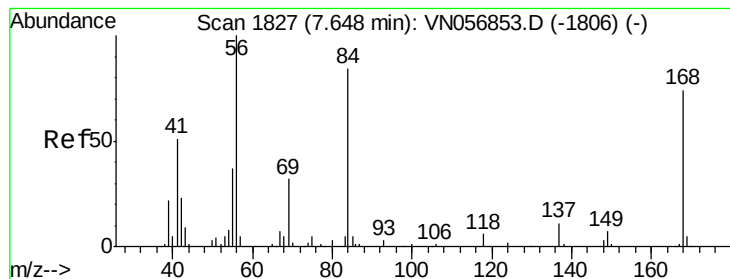
Tot Ion: 84 Resp: 5889
Ion Ratio Lower Upper
84 100
49 124.5 94.9 142.3
51 31.4 29.9 44.9
86 66.3 51.4 77.2



#25
2-Butanone
Concen: 1.565 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN056865.D
Acq: 22 Jul 2019 19:48

Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
72 32.9 21.5 32.3#





#31

Cyclohexane

Concen: 0.852 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#05

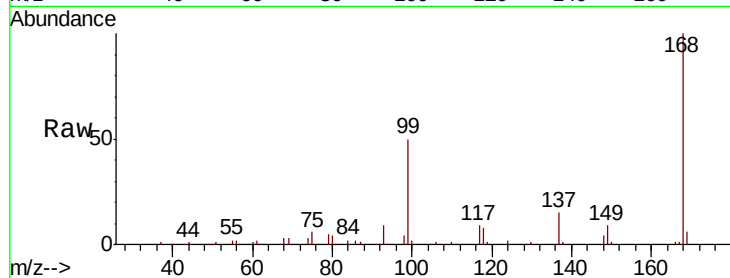
Tot Ion: 56 Resp: 3977

Ion Ratio Lower Upper

56 100

69 153.6 25.5 38.3#

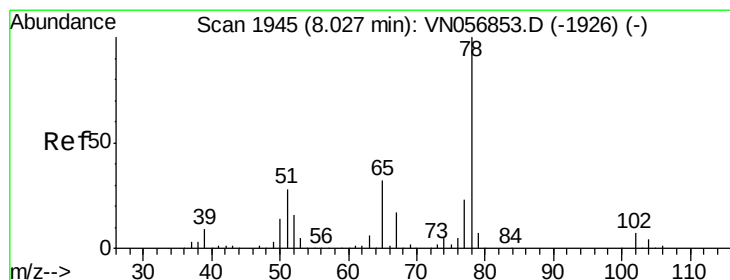
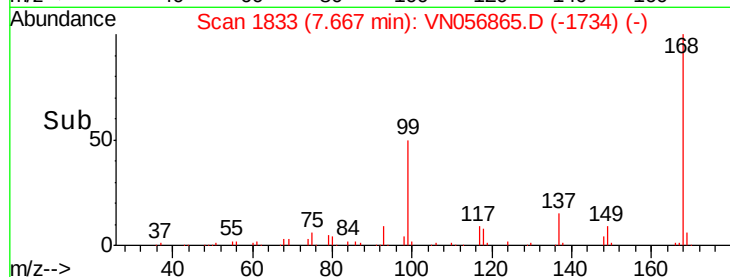
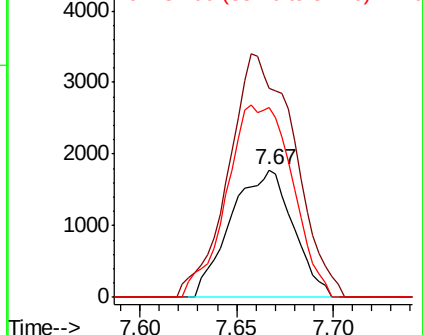
84 148.9 67.3 100.9#



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: 55.351 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056865.D

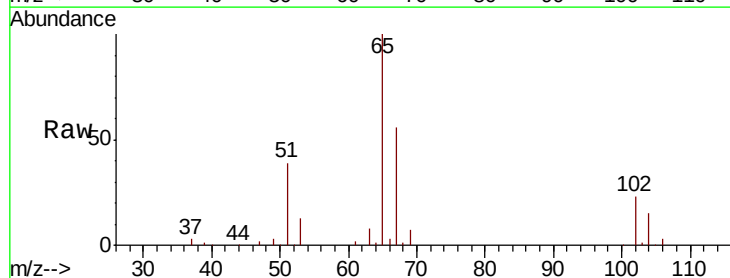
Acq: 22 Jul 2019 19:48

Tgt Ion: 65 Resp: 151974

Ion Ratio Lower Upper

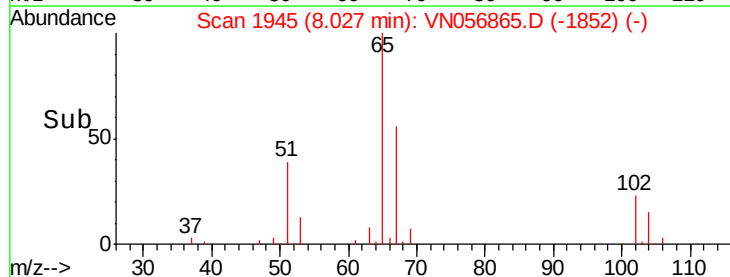
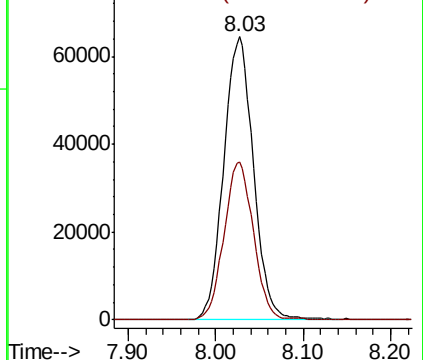
65 100

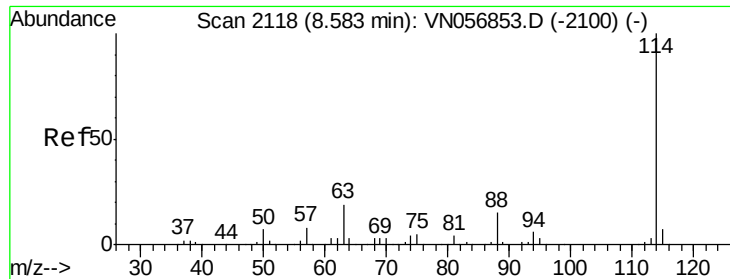
67 54.7 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

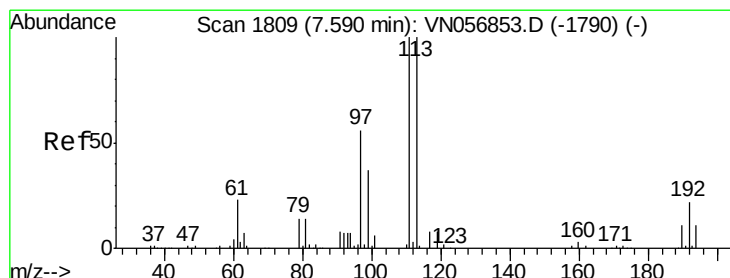
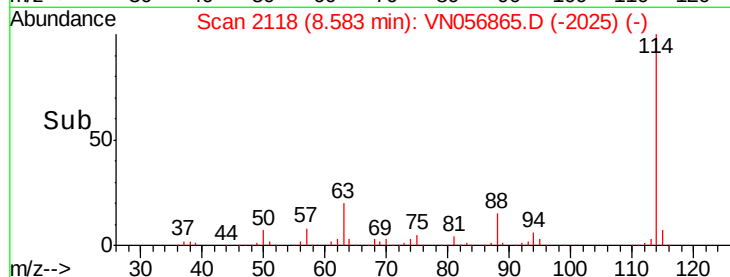
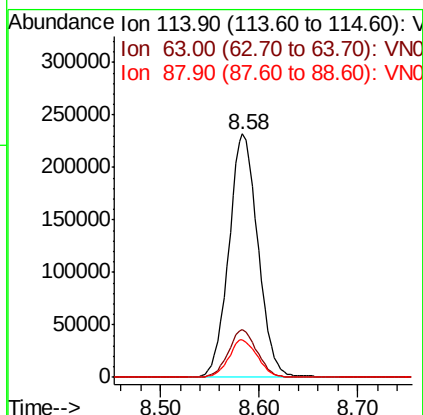
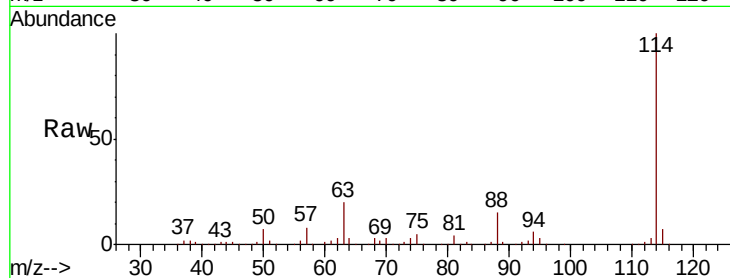




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

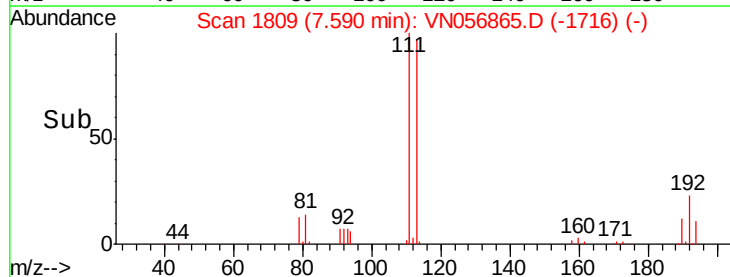
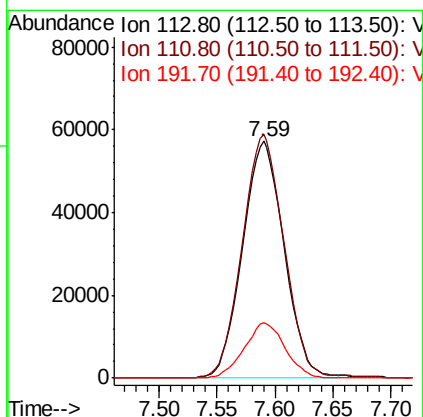
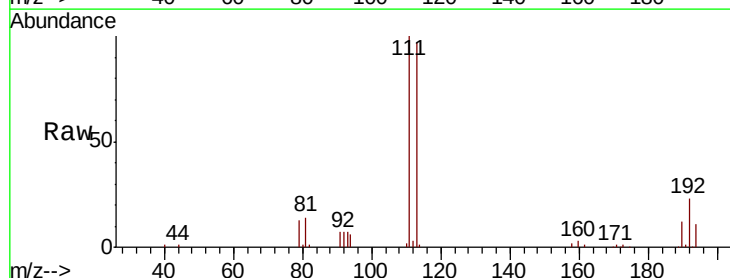
Instrument :
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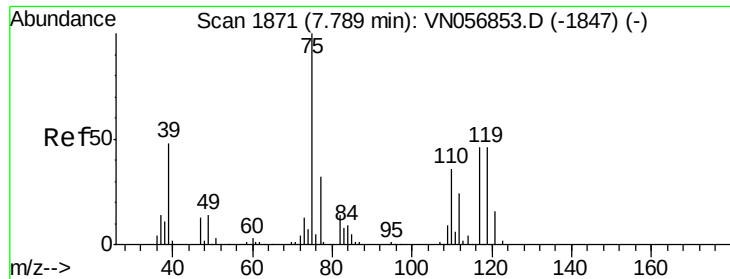
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.8
88	15.3	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 47.212 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	23.0	18.5	27.7

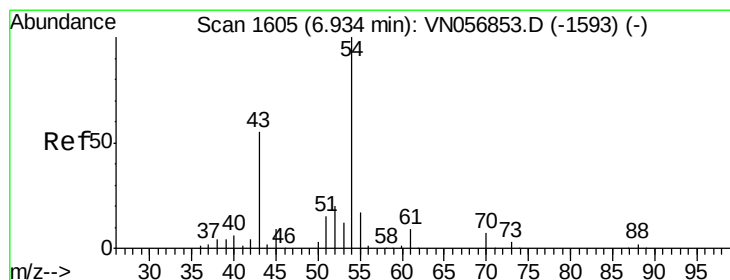
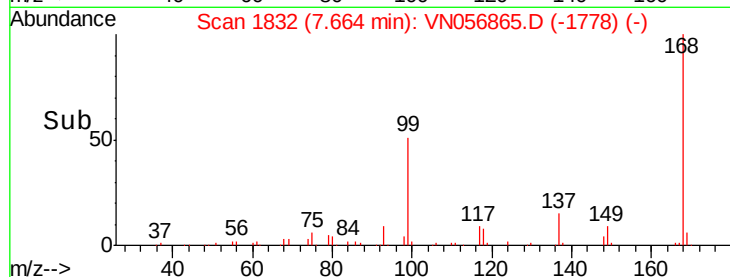
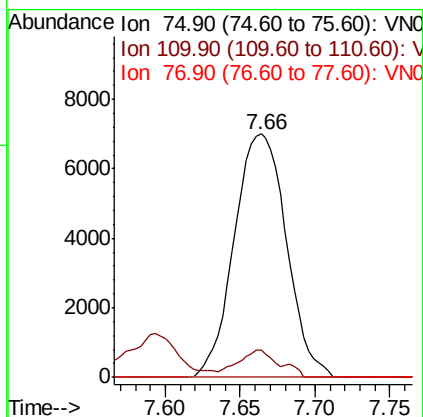
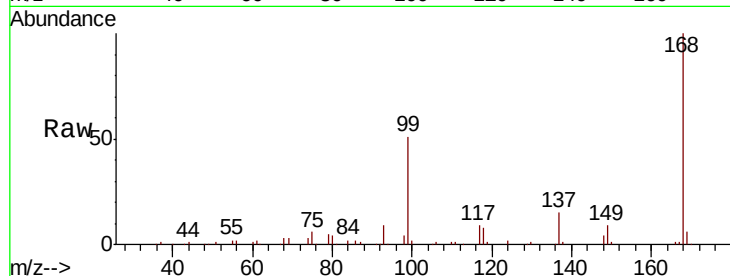




#36
 1,1-Dichloropropene
 Concen: 3.869 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

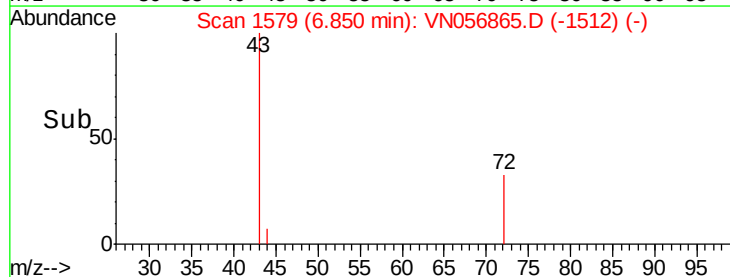
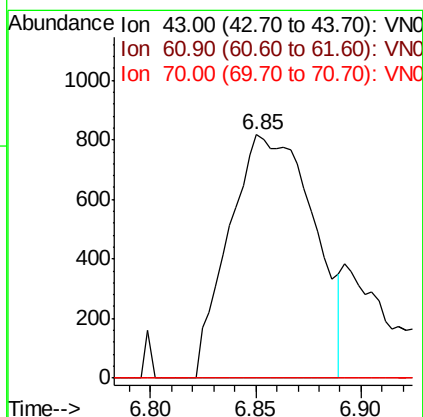
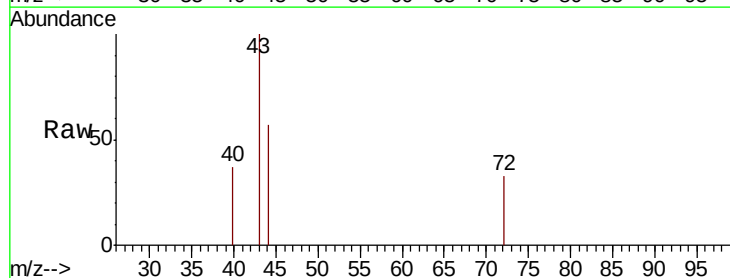
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#05

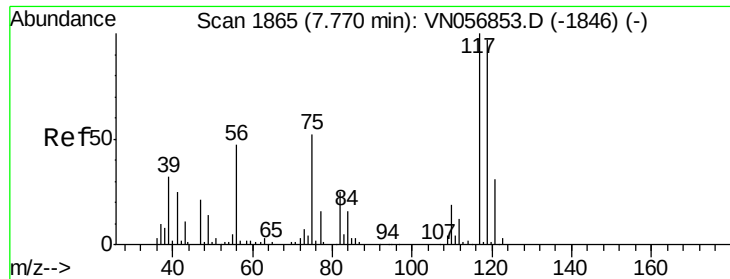
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.9	53.7#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 0.642 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. -0.08 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.8#
70	0.0	8.6	13.0#





#38

Carbon Tetrachloride

Concen: 5.348 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#05

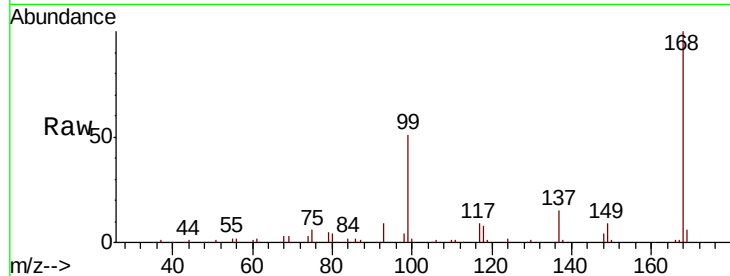
Tot Ion:117 Resp: 22377

Ion Ratio Lower Upper

117 100

119 6.2 77.2 115.8#

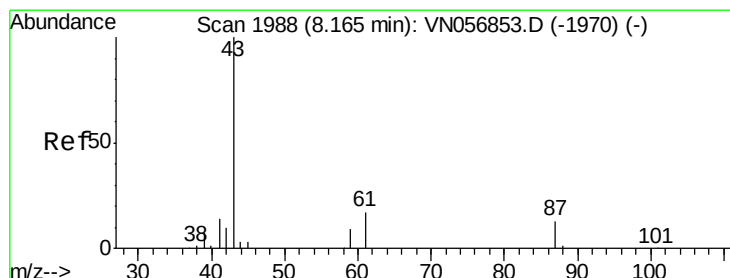
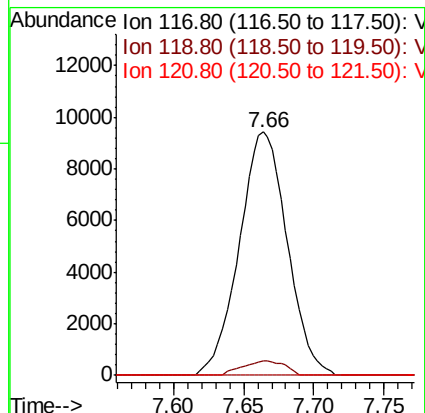
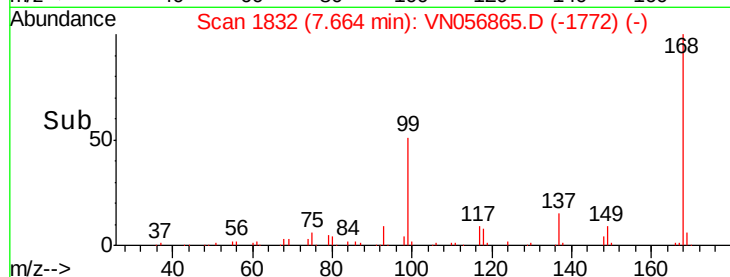
121 0.0 24.5 36.7#



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: 2.841 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

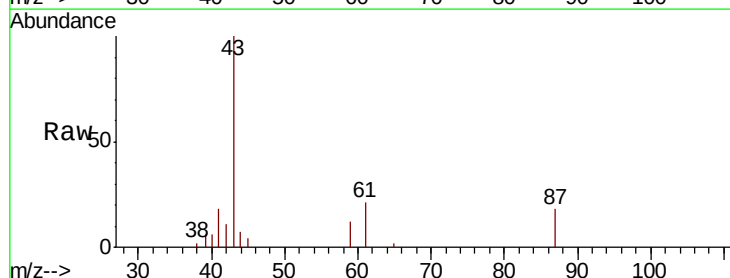
Tgt Ion: 43 Resp: 17309

Ion Ratio Lower Upper

43 100

61 21.1 17.8 26.6

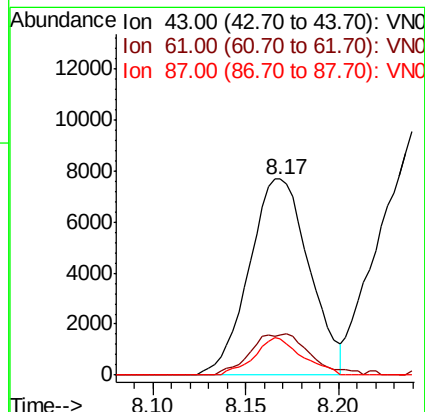
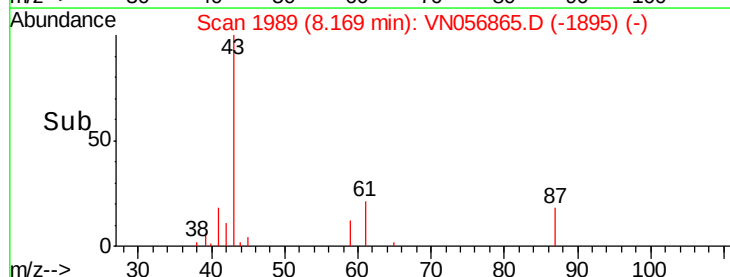
87 15.0 11.0 16.4

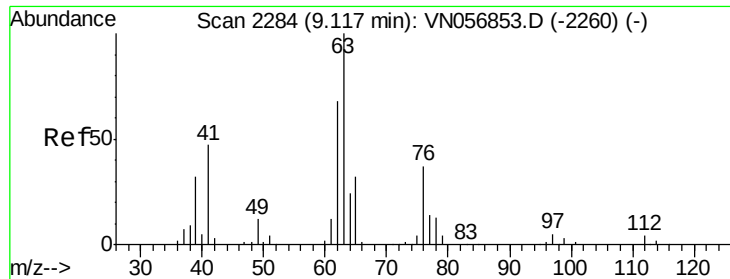


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

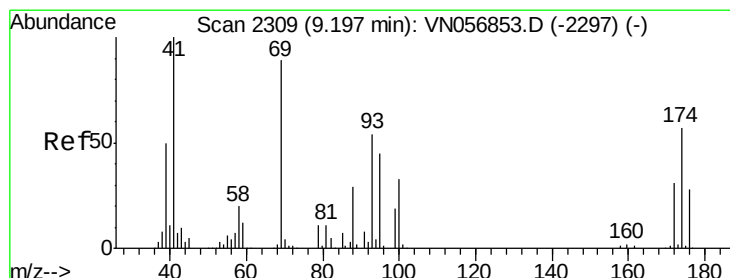
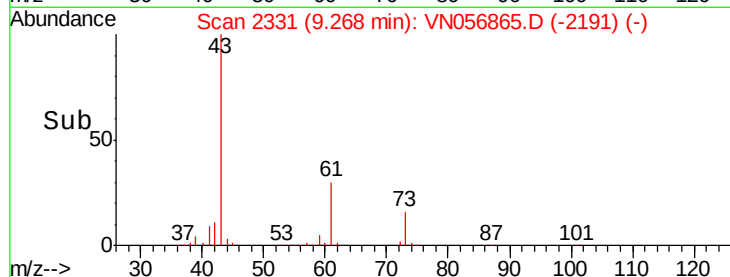
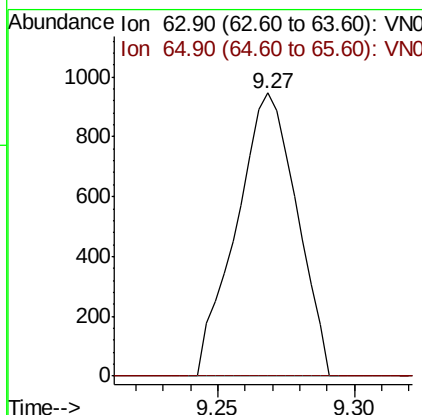
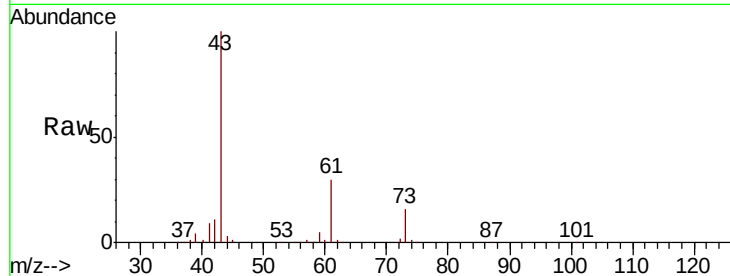




#45
 1,2-Dichloropropane
 Concen: 0.395 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

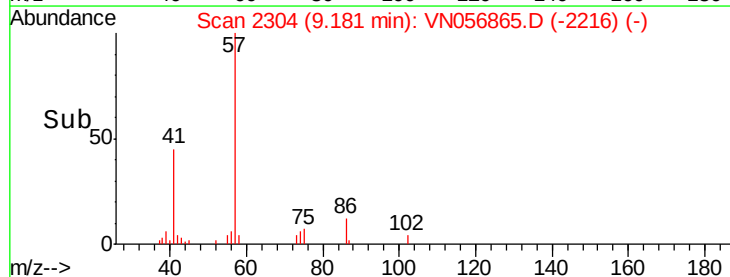
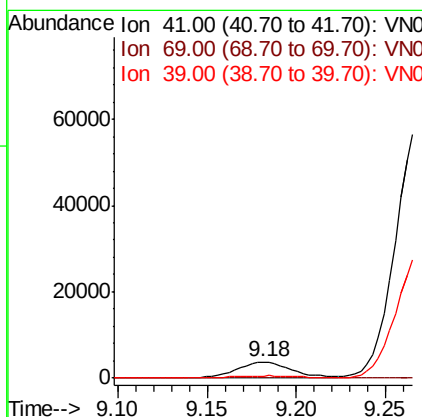
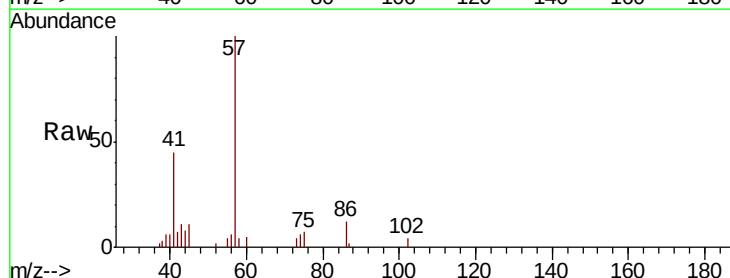
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#05

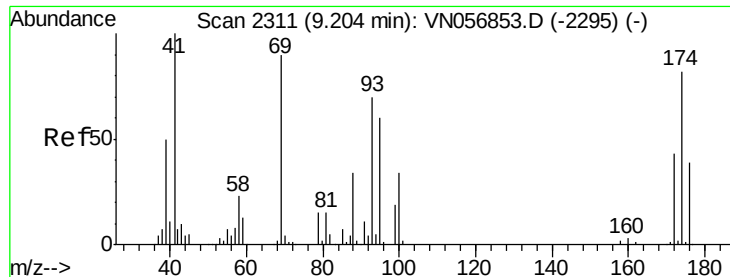
Tot Ion: 63 Resp: 1453
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.4 38.0#



#48
 Methyl methacrylate
 Concen: 2.635 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

Tgt Ion: 41 Resp: 8033
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.1 106.7#
 39 0.0 40.6 60.8#





#49

1,4-Dioxane

Concen: 1.037 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#05

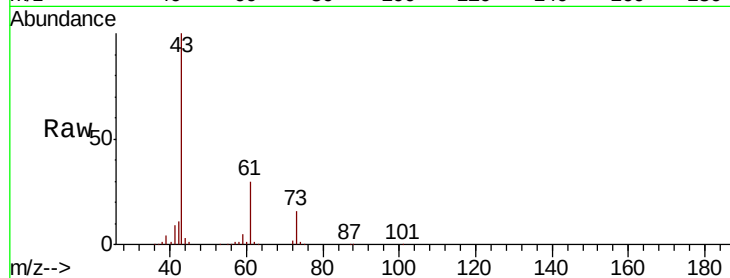
Tot Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 1952959.7 21.4 32.2#

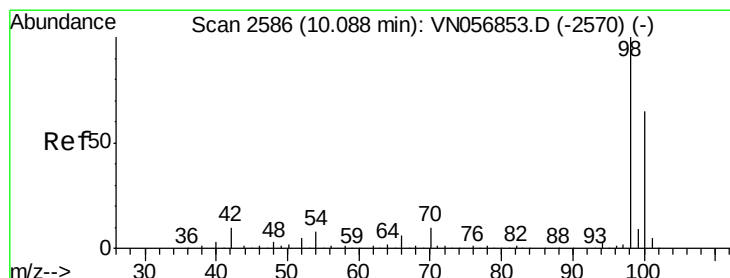
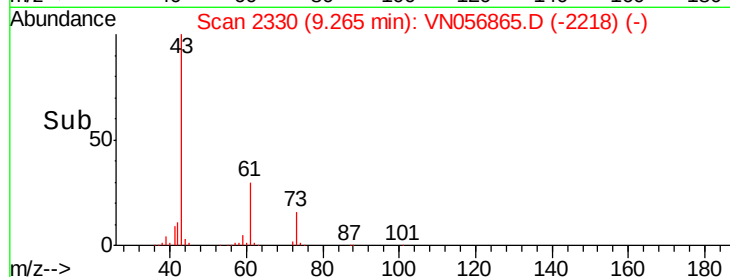
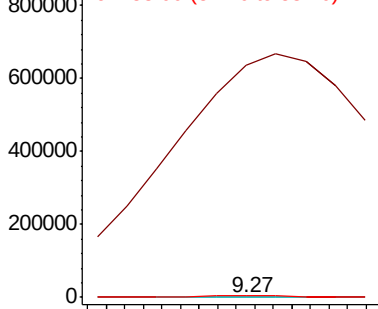
58 9093.5 55.7 83.5#



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: 52.886 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056865.D

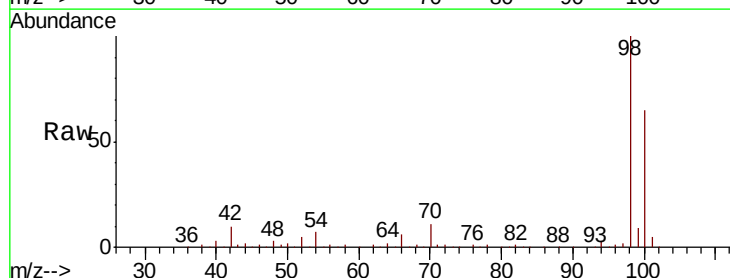
Acq: 22 Jul 2019 19:48

Tgt Ion: 98 Resp: 611205

Ion Ratio Lower Upper

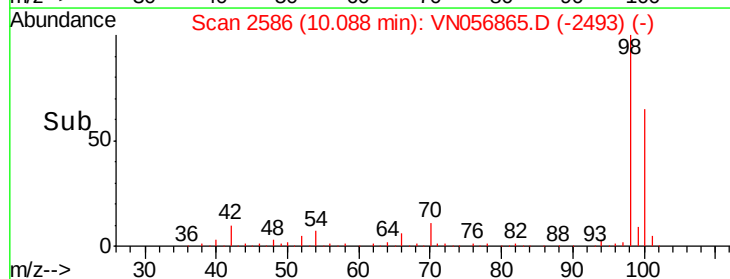
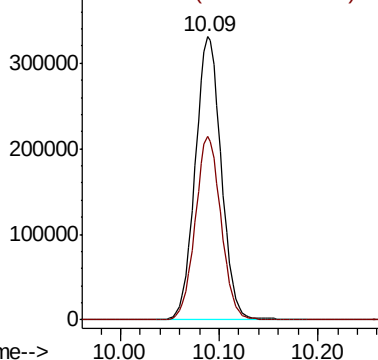
98 100

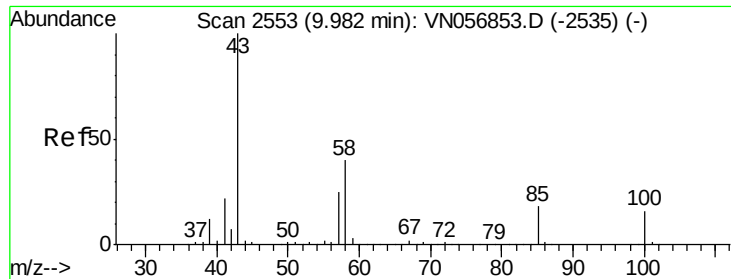
100 64.0 51.5 77.3



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: 0.955 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

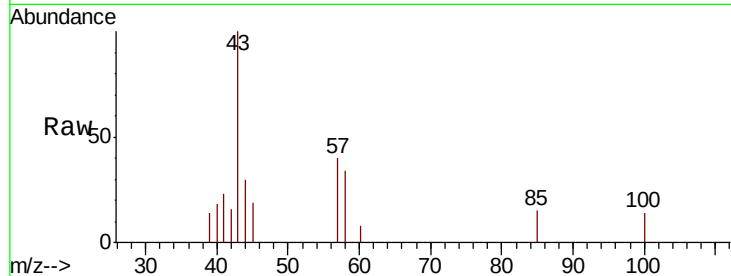
PB121556ZHE#05

Tot Ion: 43 Resp: 3471

Ion Ratio Lower Upper

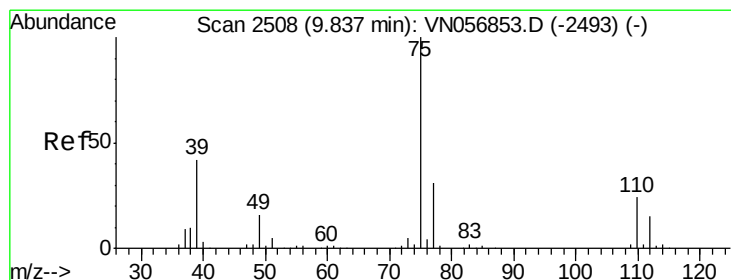
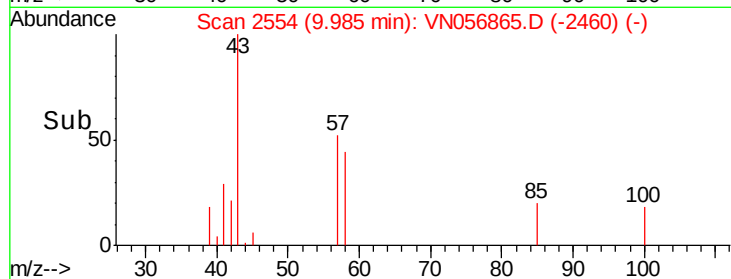
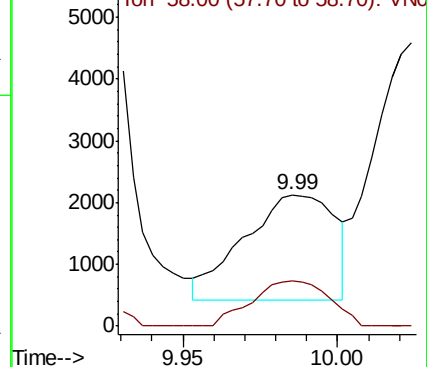
43 100

58 36.9 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.502 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

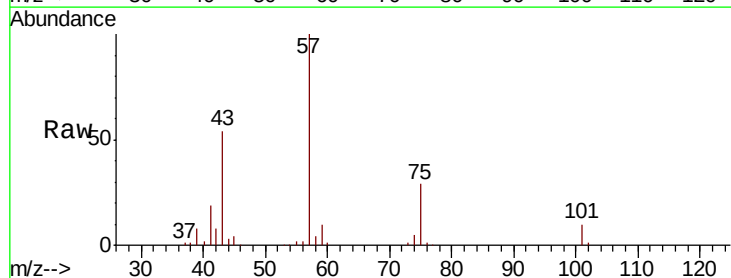
Tgt Ion: 75 Resp: 49082

Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

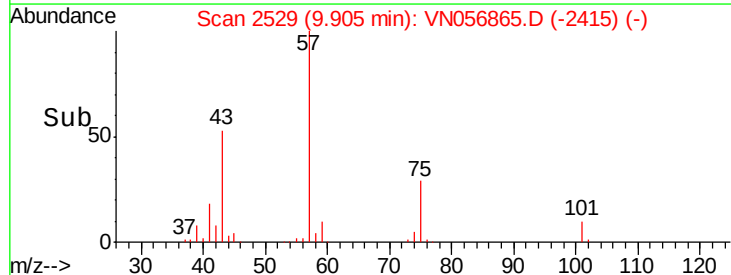
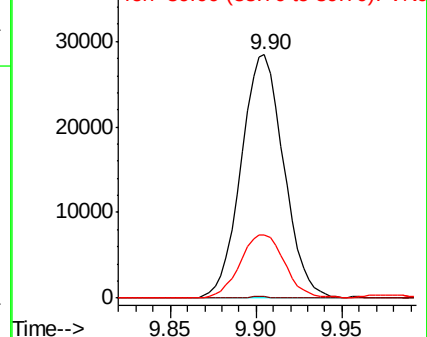
39 26.0 33.4 50.2#

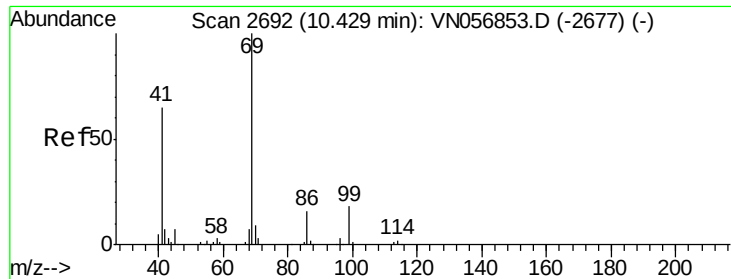


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 0.236 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#05

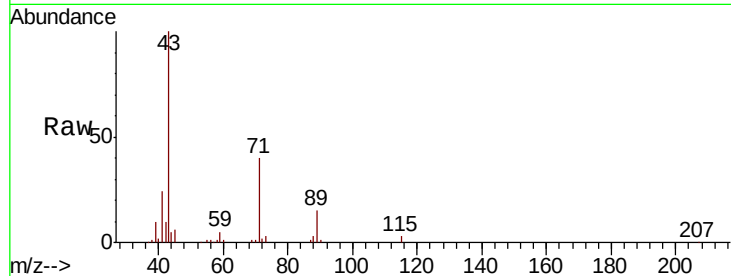
Tot Ion: 69 Resp: 1069

Ion Ratio Lower Upper

69 100

41 2903.2 51.0 76.6#

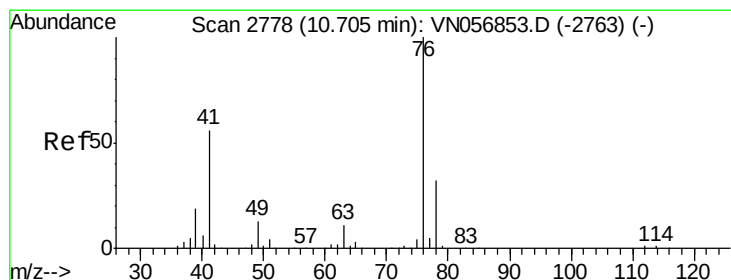
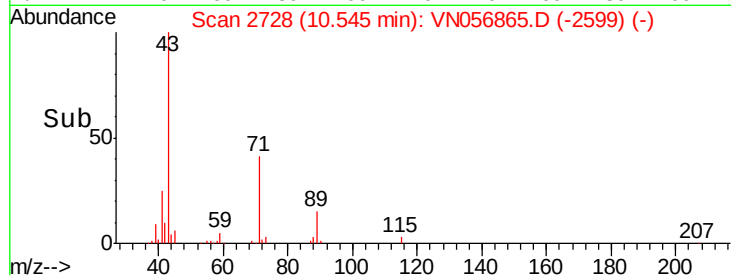
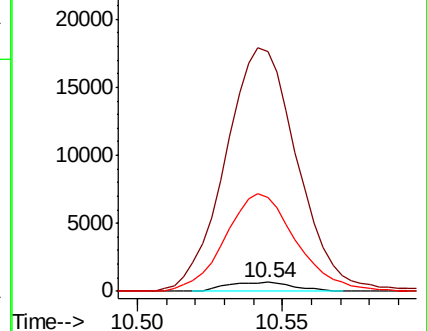
39 1145.4 24.5 36.7#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.866 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056865.D

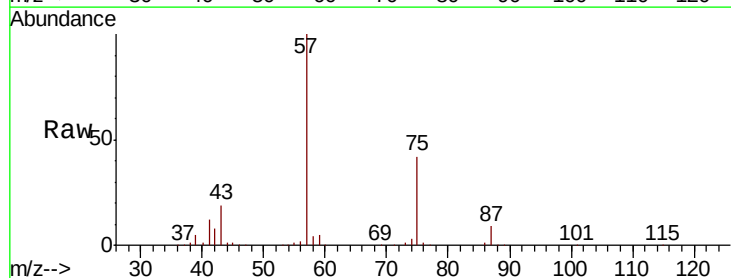
Acq: 22 Jul 2019 19:48

Tgt Ion: 76 Resp: 10074

Ion Ratio Lower Upper

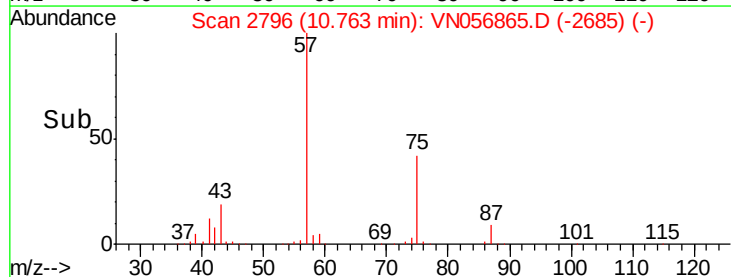
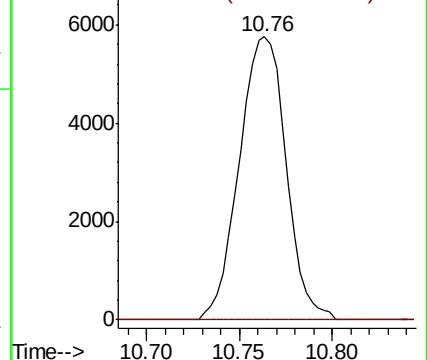
76 100

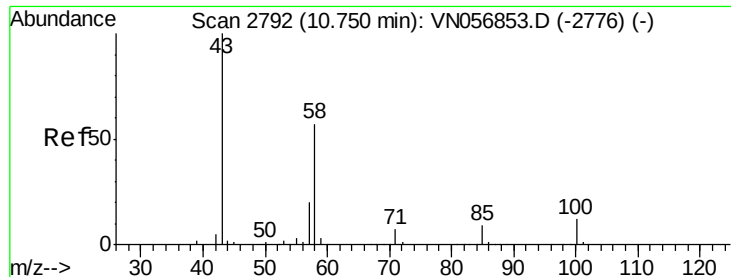
78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

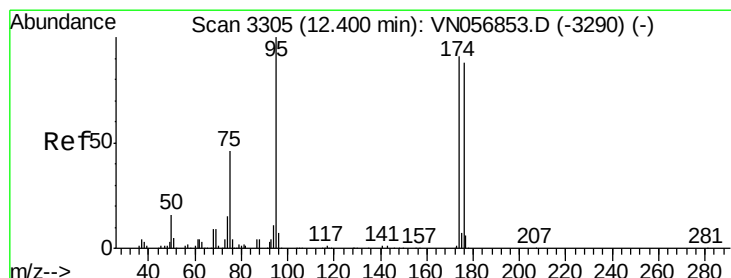
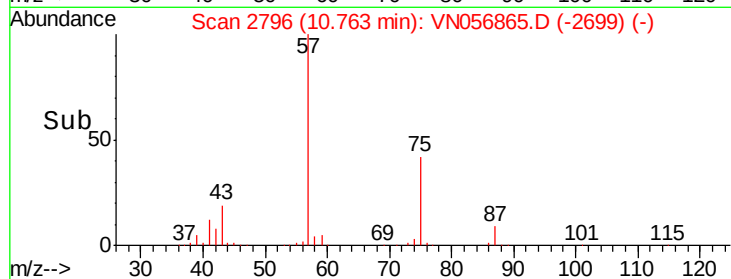
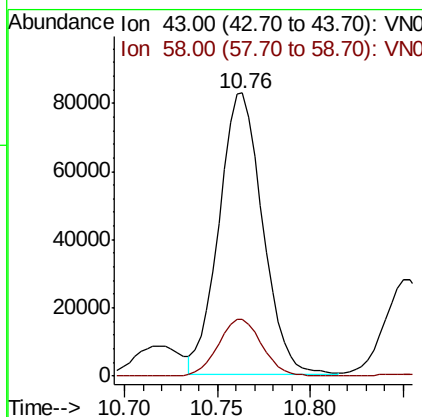
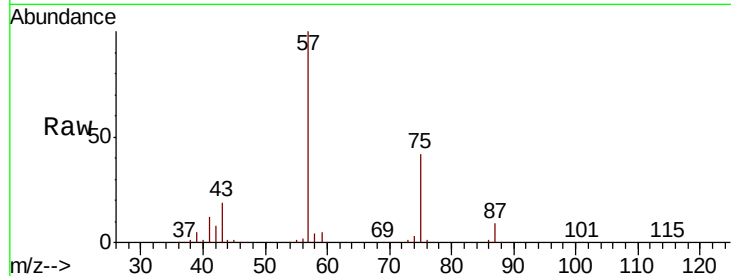




#59
2-Hexanone
Concen: 53.589 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056865.D
Acq: 22 Jul 2019 19:48

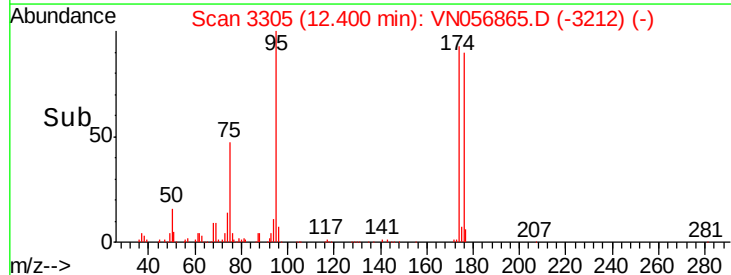
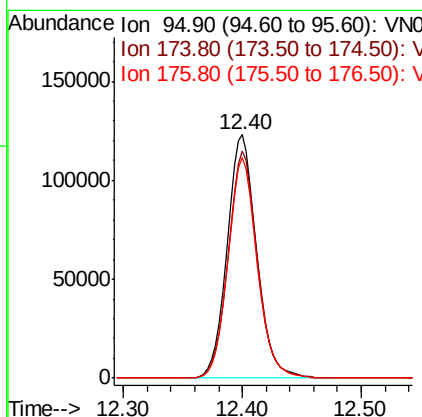
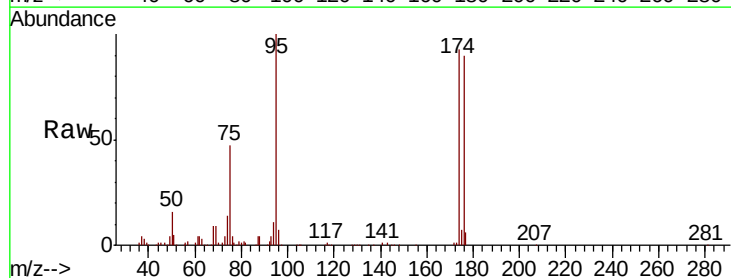
Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#05

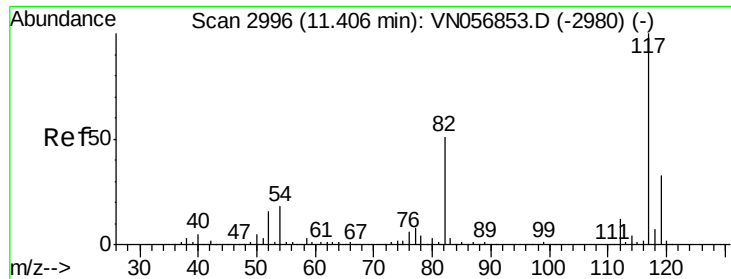
Tot Ion: 43 Resp: 134781
Ion Ratio Lower Upper
43 100
58 20.4 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: 55.555 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056865.D
Acq: 22 Jul 2019 19:48

Tgt Ion: 95 Resp: 210118
Ion Ratio Lower Upper
95 100
174 92.7 0.0 183.4
176 89.7 0.0 175.8

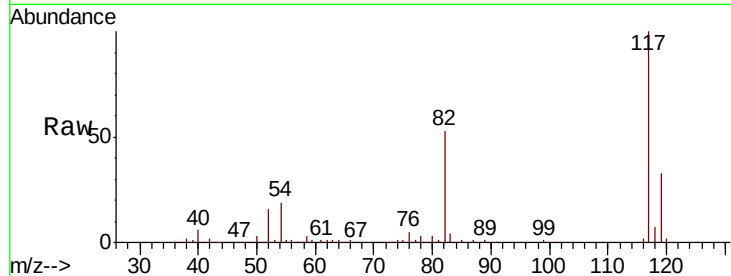




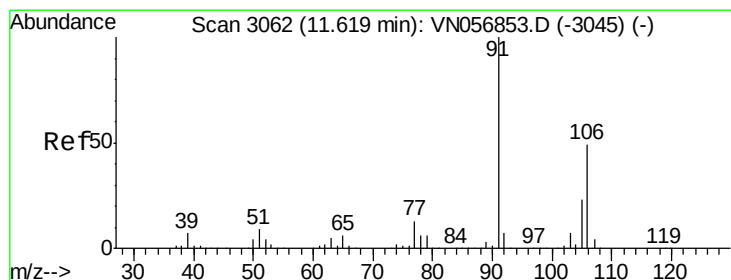
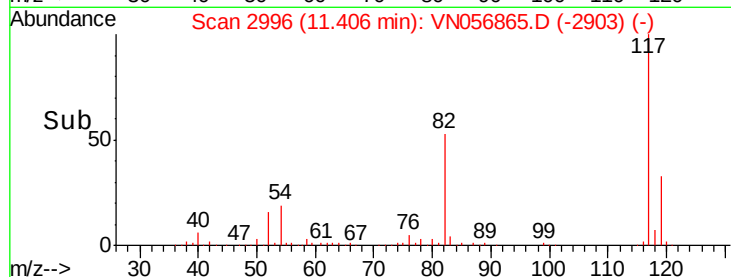
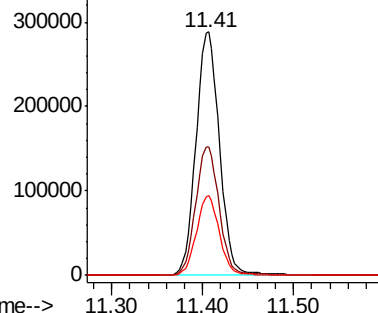
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056865.D
Acq: 22 Jul 2019 19:48

Instrument :
MSVOA_N
ClientSampleId :
PB121556ZHE#05

Tot Ion:117 Resp: 517188
Ion Ratio Lower Upper
117 100
82 52.8 41.2 61.8
119 32.7 26.4 39.6

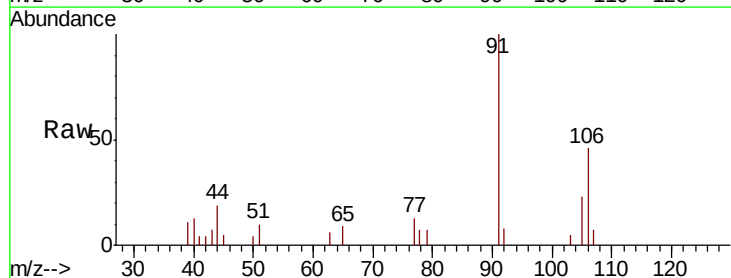


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

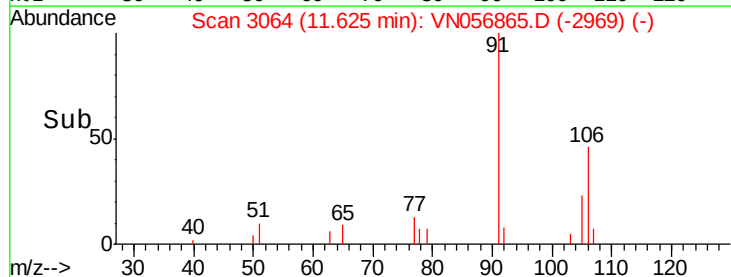
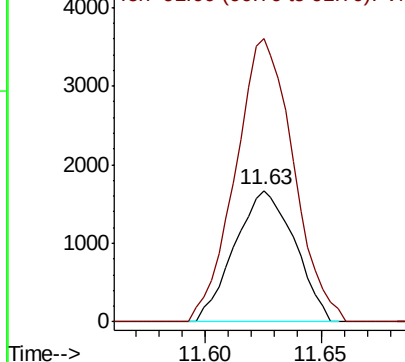


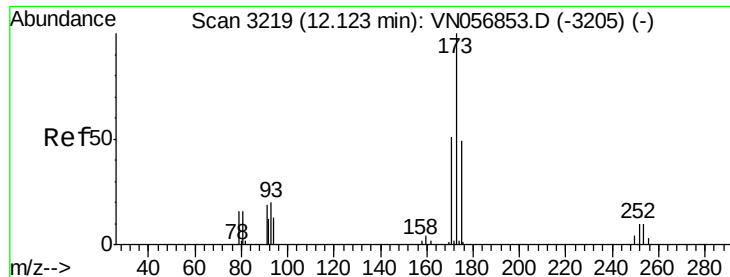
#68
m/p-Xylenes
Concen: 0.433 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN056865.D
Acq: 22 Jul 2019 19:48

Tgt Ion:106 Resp: 3006
Ion Ratio Lower Upper
106 100
91 208.3 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.554 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#05

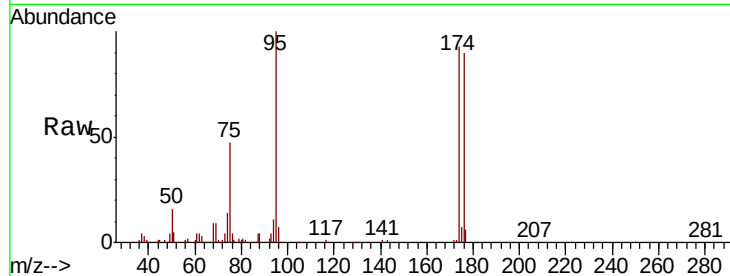
Tot Ion:173 Resp: 1555

Ion Ratio Lower Upper

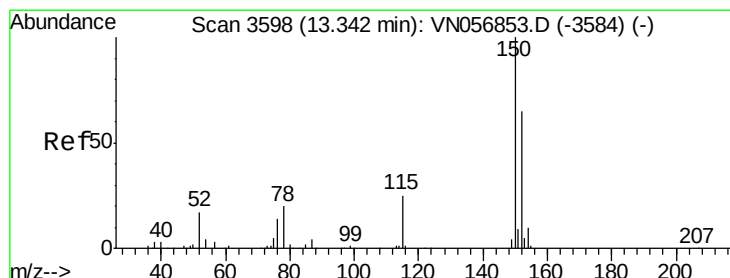
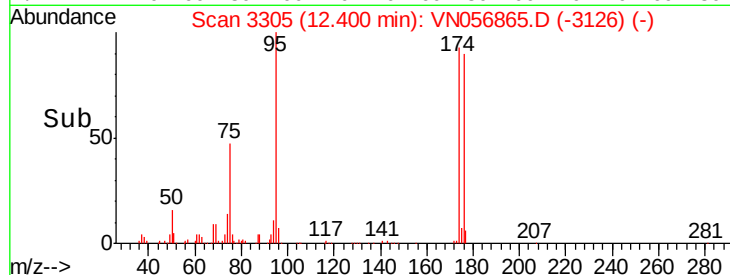
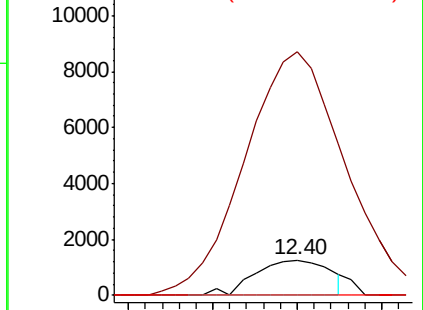
173 100

175 785.3 24.1 72.3#

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: VN056865.D

Acq: 22 Jul 2019 19:48

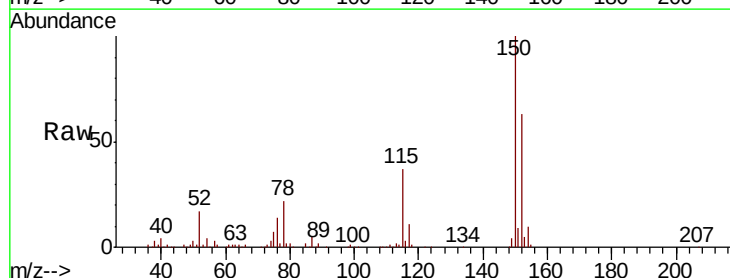
Tgt Ion:152 Resp: 162189

Ion Ratio Lower Upper

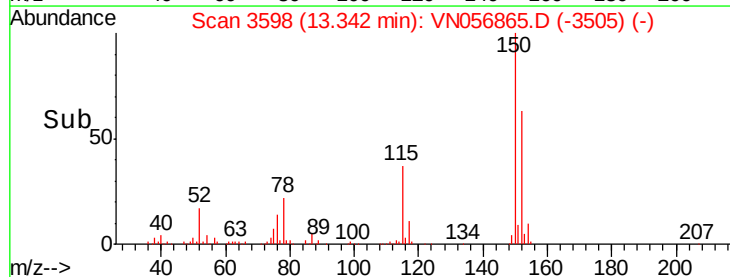
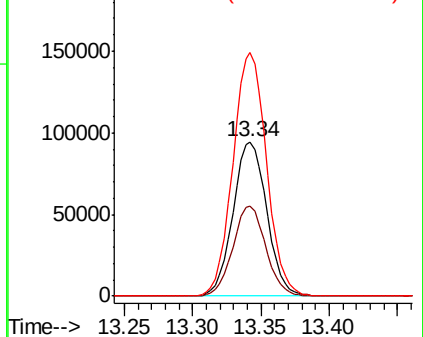
152 100

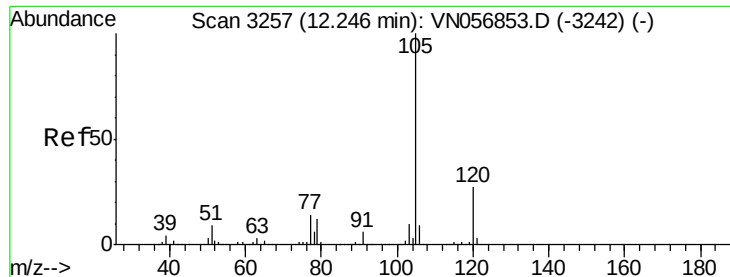
115 56.9 27.6 82.7

150 157.4 0.0 343.0



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: 12.39 min Scan# 3303

Delta R.T. 0.15 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

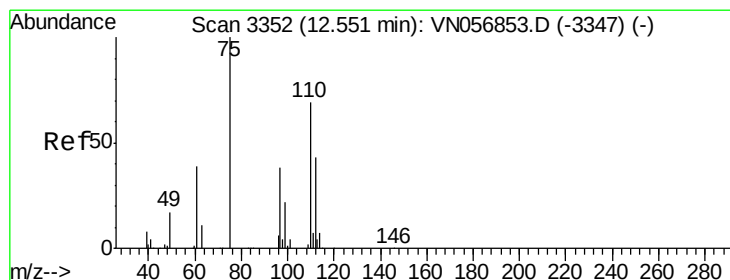
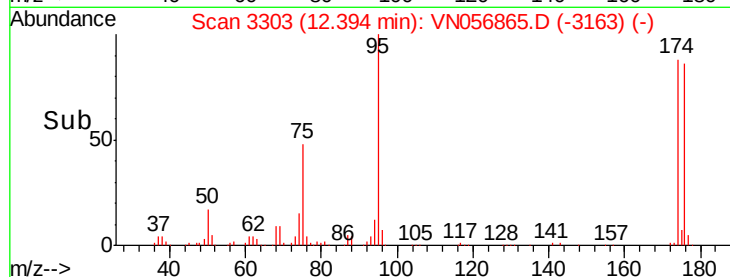
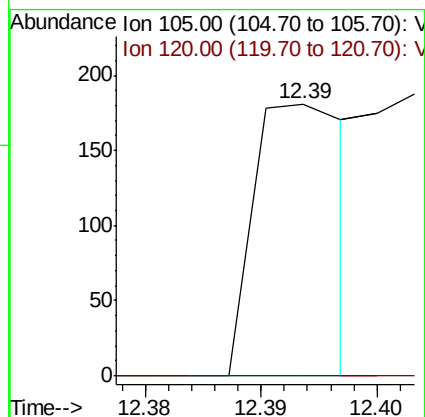
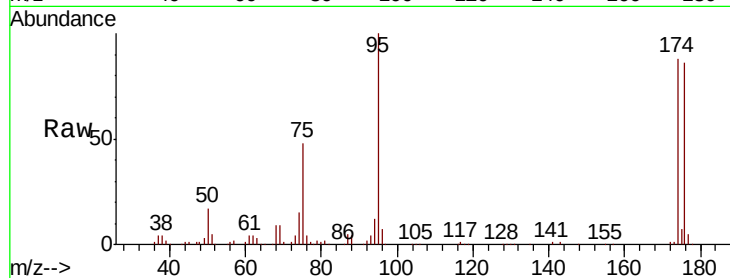
PB121556ZHE#05

Tot Ion: 105 Resp: 102

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#76

1,2,3-Trichloropropane

Concen: 29.345 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056865.D

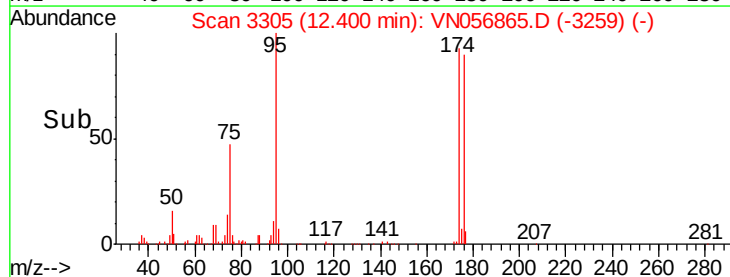
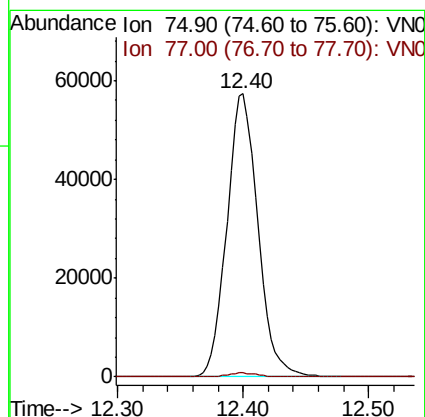
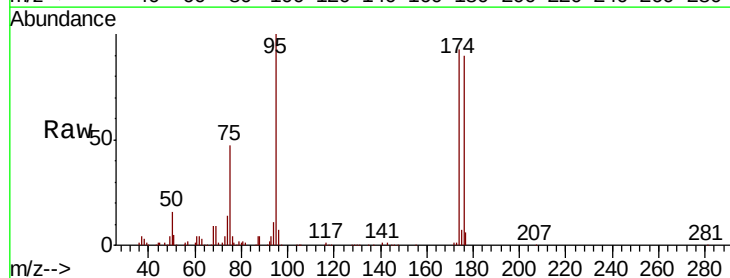
Acq: 22 Jul 2019 19:48

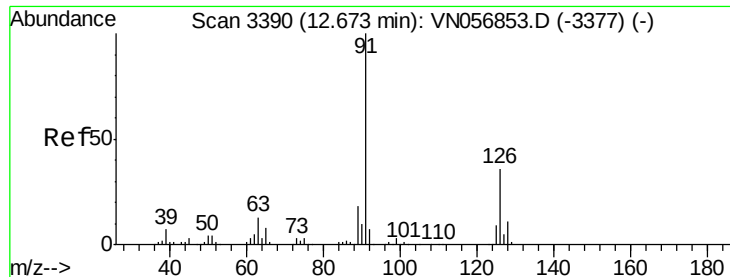
Tgt Ion: 75 Resp: 98635

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.06 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

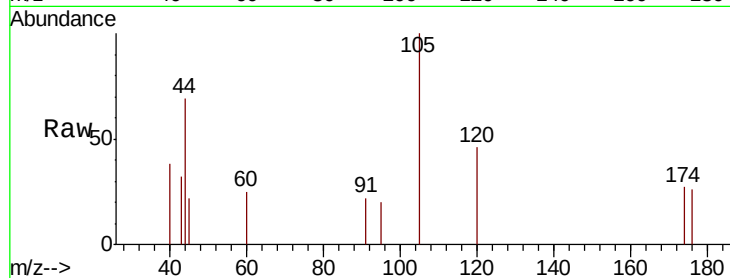
PB121556ZHE#05

Tot Ion: 91 Resp: 69

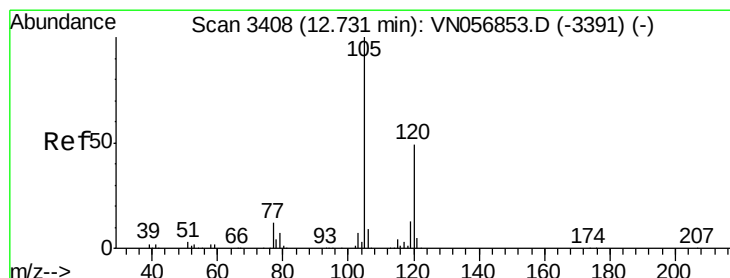
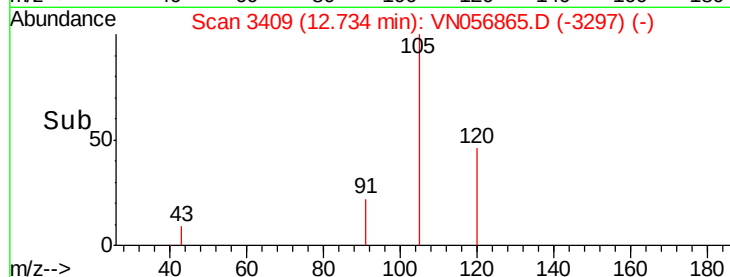
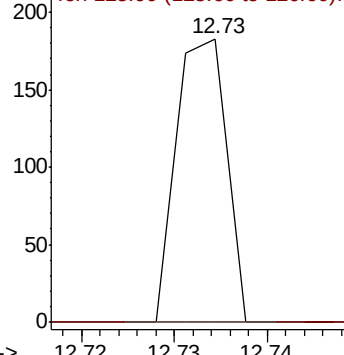
Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#



Abundance Ion 91.00 (90.70 to 91.70): VN056865.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN056865.D

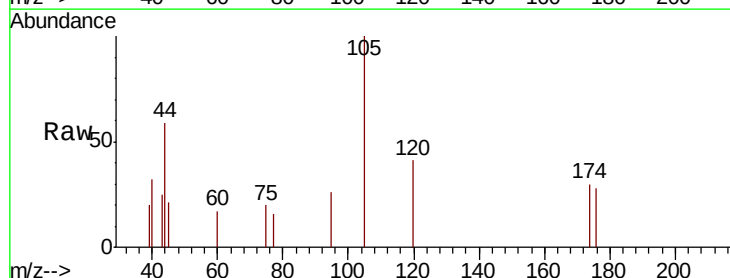
Acq: 22 Jul 2019 19:48

Tgt Ion: 105 Resp: 1619

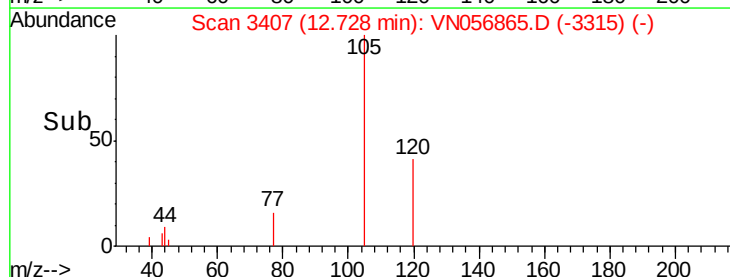
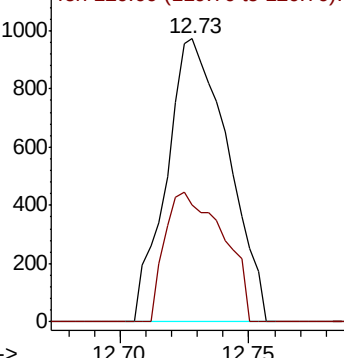
Ion Ratio Lower Upper

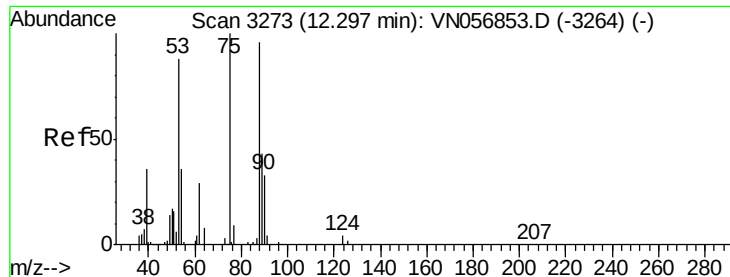
105 100

120 43.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN056865.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 93.986 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

PB121556ZHE#05

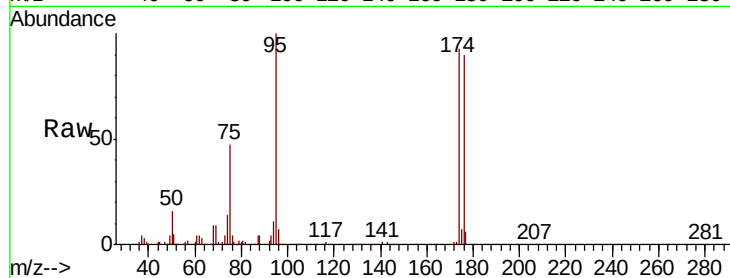
Tot Ion: 75 Resp: 98635

Ion Ratio Lower Upper

75 100

53 0.0 72.3 108.5#

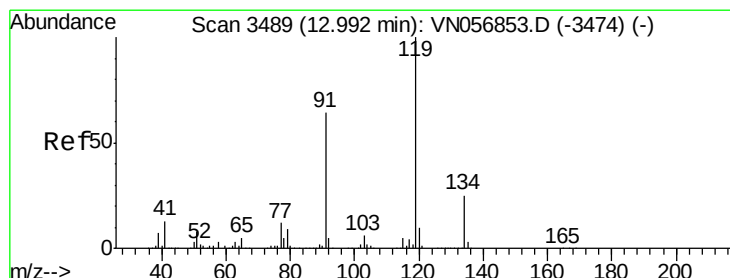
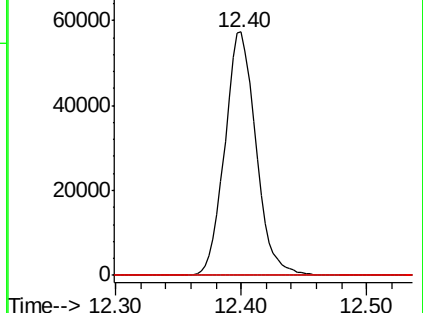
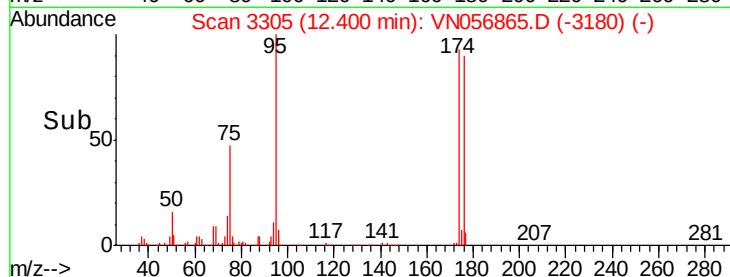
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN056865.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN056865.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN056865.D (-3180) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056865.D

Acq: 22 Jul 2019 19:48

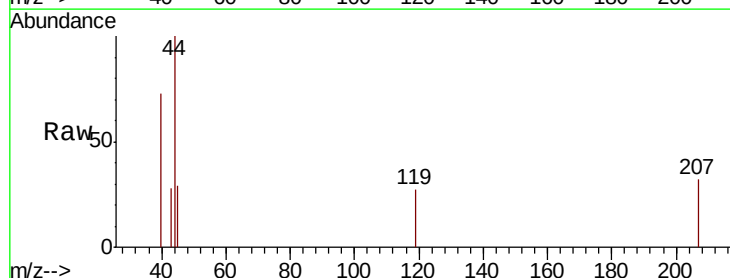
Tgt Ion: 119 Resp: 29

Ion Ratio Lower Upper

119 100

91 0.0 31.5 94.5#

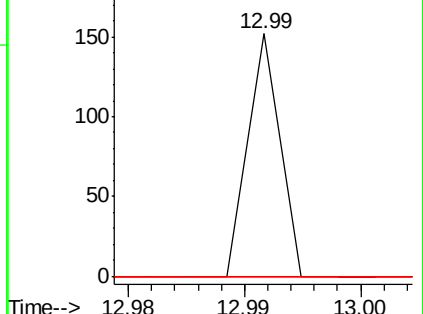
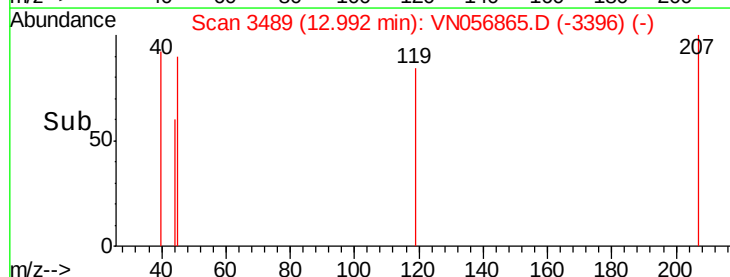
134 0.0 12.2 36.6#

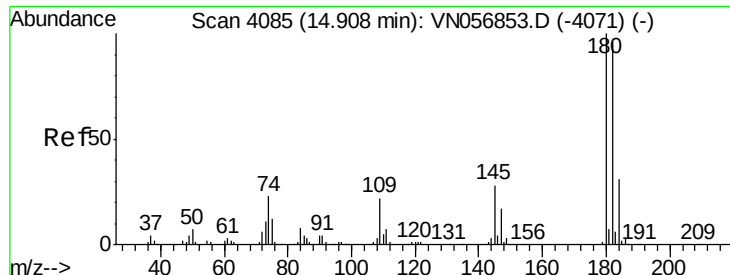


Abundance Ion 119.00 (118.70 to 119.70): VN056865.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN056865.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN056865.D (-3396) (-)

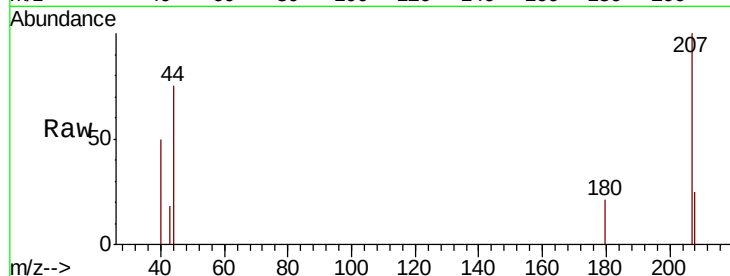




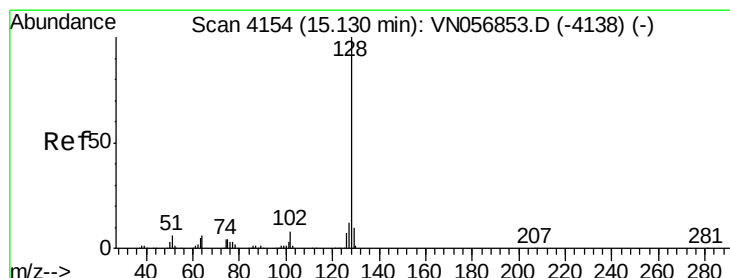
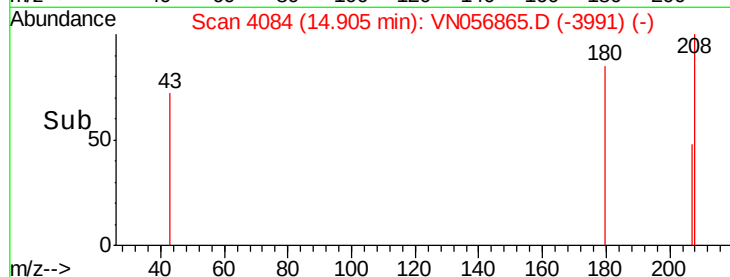
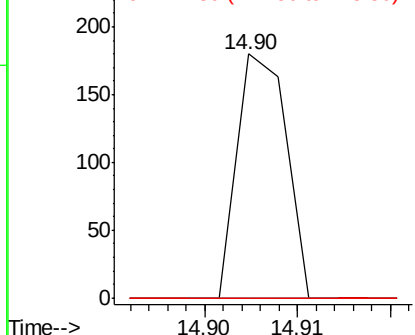
#93
 1,2,4-Trichlorobenzene
 Concen: 4.150 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#05

Tot Ion:180 Resp: 66
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.9 143.7#
 145 0.0 14.1 42.3#

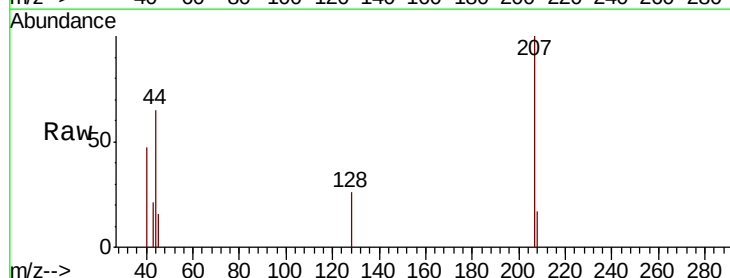


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

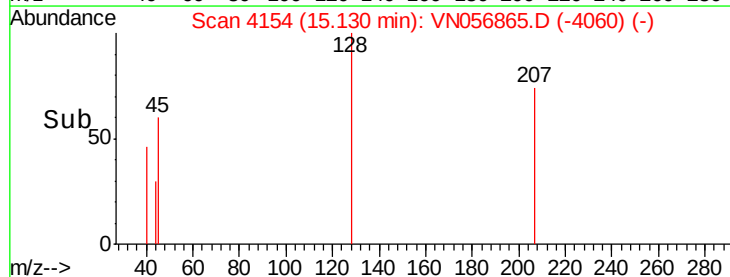
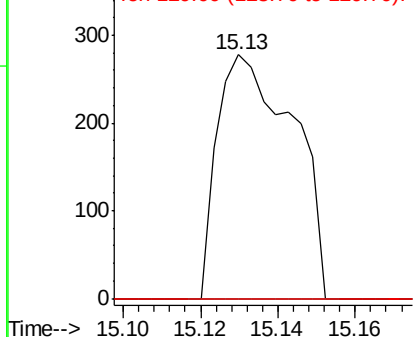


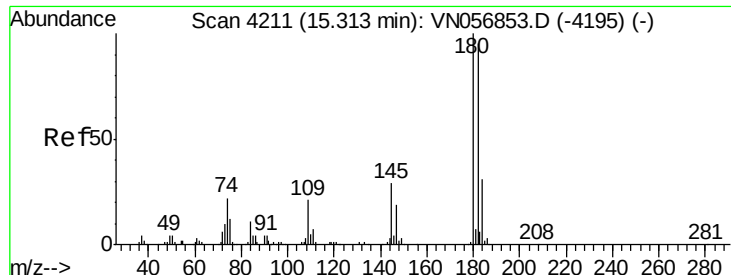
#95
 Naphthalene
 Concen: 3.670 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

Tgt Ion:128 Resp: 380
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.2#
 129 0.0 8.5 12.7#



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

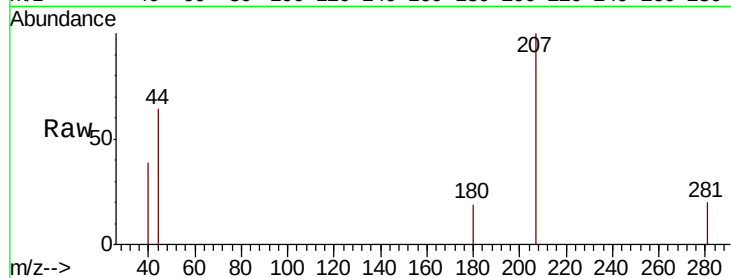




#96
 1,2,3-Trichlorobenzene
 Concen: 2.499 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN056865.D
 Acq: 22 Jul 2019 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121556ZHE#05

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	0.0	14.7	44.1#



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

