

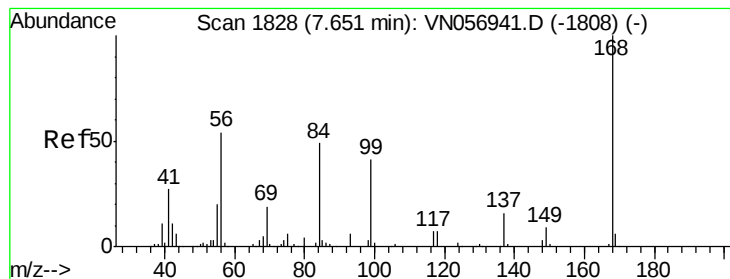
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057010.D
 Acq On : 31 Jul 2019 13:31
 Operator : JC/SP
 Sample : PB121844ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#06

Quant Time: Aug 01 01:19:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	562408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	830126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	713875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	281992	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.58	113	251618	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
50) Toluene-d8	10.08	98	997818	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	273117	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.57	94	935	0.236	ug/l	86
11) Tert butyl alcohol	4.73	59	4810	6.181	ug/l #	74
16) Acetone	3.81	43	10069	4.828	ug/l	93
18) Methyl Acetate	4.32	43	4071	0.612	ug/l #	66
20) Methylene Chloride	4.55	84	23414	3.897	ug/l	97
31) Cyclohexane	7.65	56	8958	0.947	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	34493	4.722	ug/l #	48
38) Carbon Tetrachloride	7.66	117	49279	7.132	ug/l #	18
43) Isopropyl Acetate	8.15	43	19894	2.057	ug/l	93
45) 1,2-Dichloropropane	9.26	63	1968	0.327	ug/l #	44
48) Methyl methacrylate	9.17	41	8616	1.846	ug/l #	12
49) 1,4-Dioxane	9.26	88	106	1.102	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	3930	0.684	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	60746	7.056	ug/l #	63
56) Ethyl methacrylate	10.54	69	1204	1.902	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12201	1.357	ug/l #	42
59) 2-Hexanone	10.76	43	162767	38.920	ug/l #	52
68) m/p-Xylenes	11.62	106	2875	0.310	ug/l #	71
70) Styrene	11.97	104	386	1.890	ug/l #	61
71) Bromoform	12.40	173	2104	0.550	ug/l #	1
74) N-amyl acetate	11.87	43	16281	3.040	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.40	83	30	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	125360	28.925	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4104	0.271	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	125360	92.935	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	351	2.801	ug/l #	27
94) Hexachlorobutadiene	15.00	225	113	Below Cal	#	19
95) Naphthalene	15.13	128	1051	3.695	ug/l #	70
96) 1,2,3-Trichlorobenzene	15.29	180	689	2.226	ug/l #	77

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

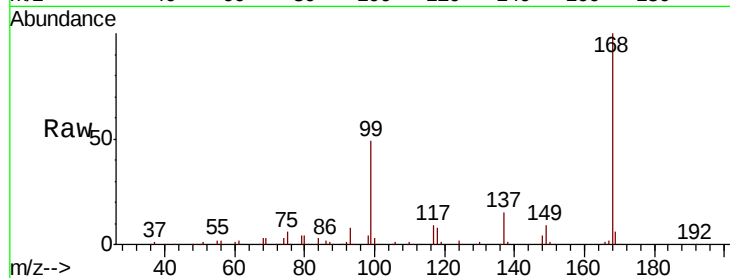
PB121844ZHE#06

Tot Ion:168 Resp: 562408

Ion Ratio Lower Upper

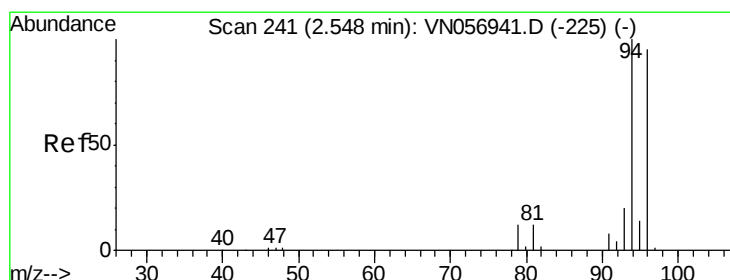
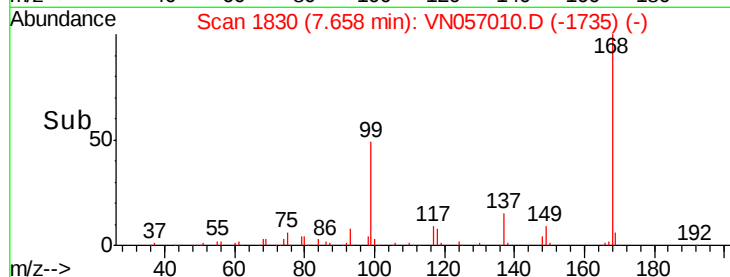
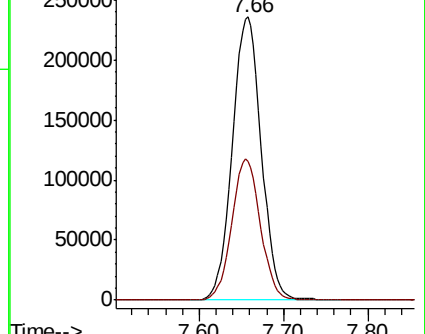
168 100

99 49.0 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.236 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.02 min

Lab File: VN057010.D

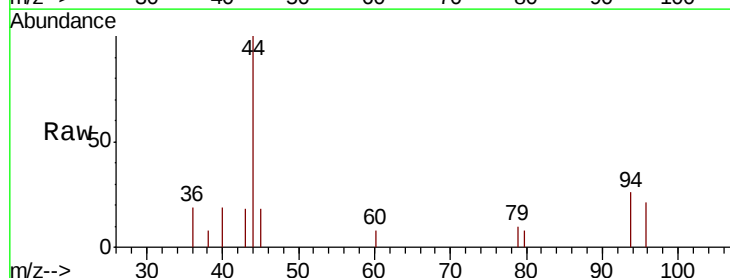
Acq: 31 Jul 2019 13:31

Tgt Ion: 94 Resp: 935

Ion Ratio Lower Upper

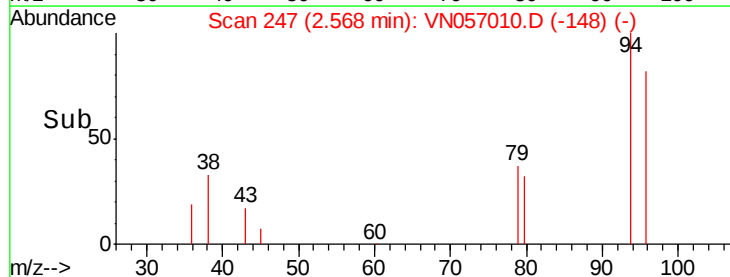
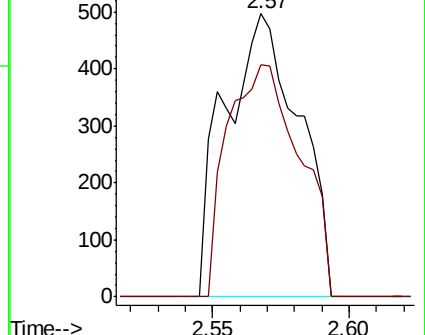
94 100

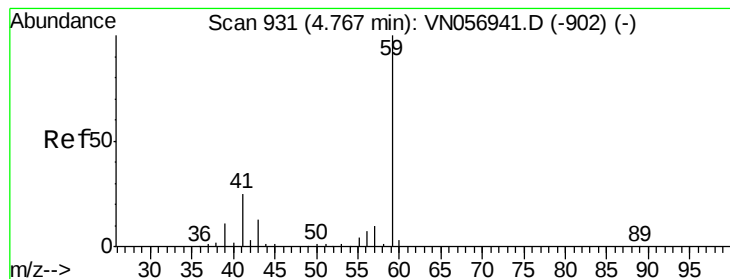
96 81.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



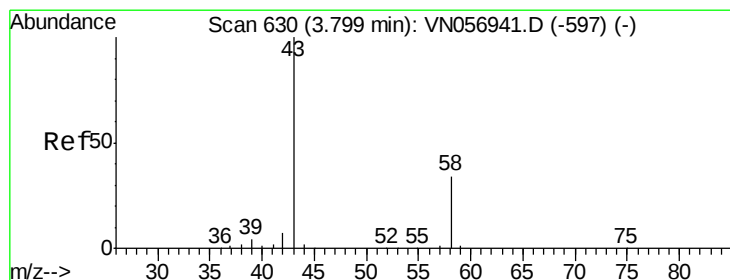
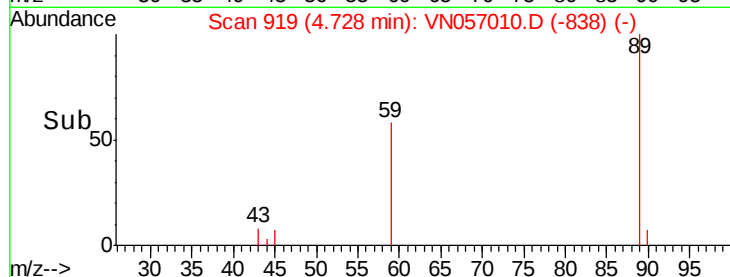
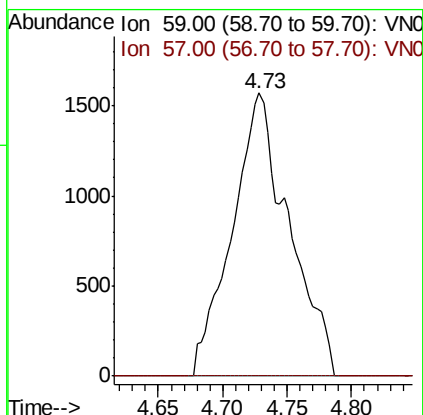
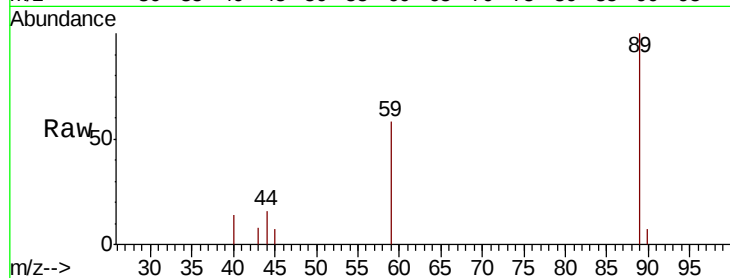


#11

Tert butyl alcohol
 Concen: 6.181 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.04 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#06

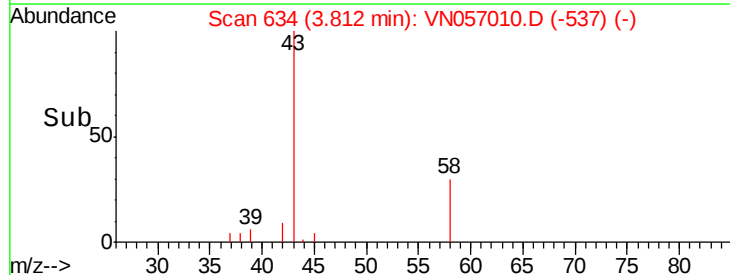
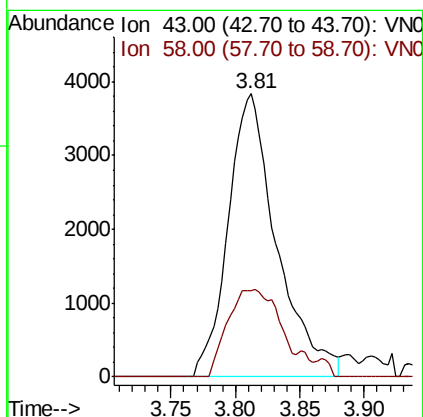
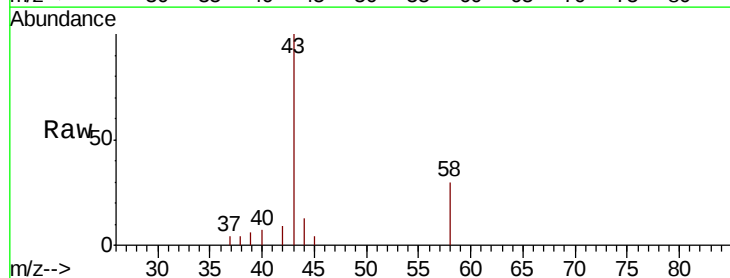
Tot Ion: 59 Resp: 4810
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.5 11.3#

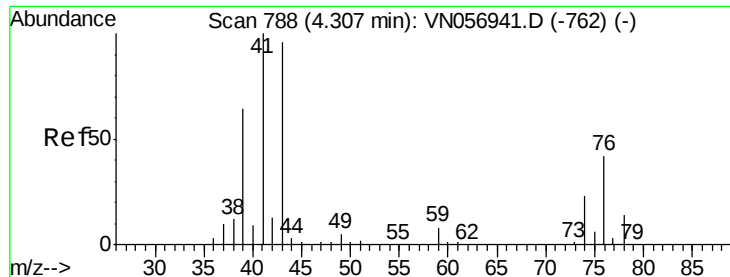


#16

Acetone
 Concen: 4.828 ug/l
 RT: 3.81 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

Tgt Ion: 43 Resp: 10069
 Ion Ratio Lower Upper
 43 100
 58 30.3 27.2 40.8

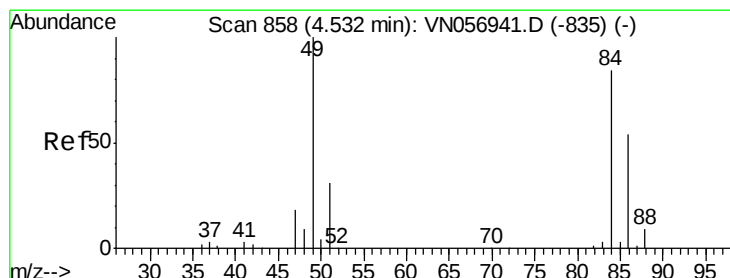
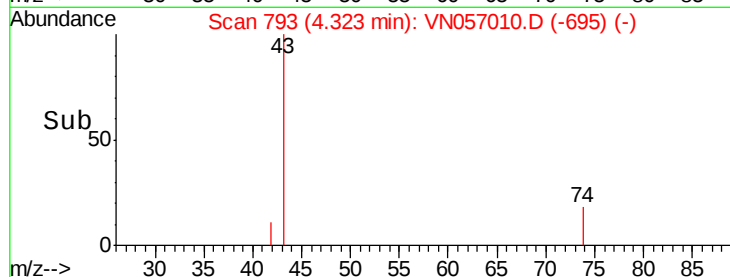
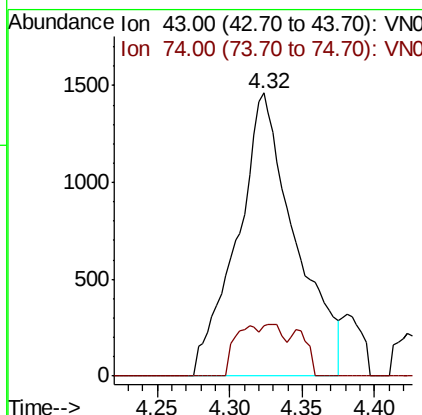
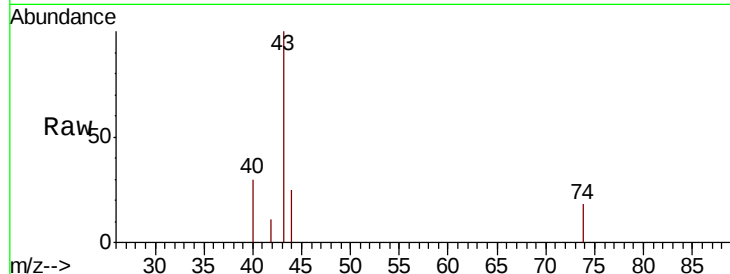




#18
Methyl Acetate
Concen: 0.612 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.02 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

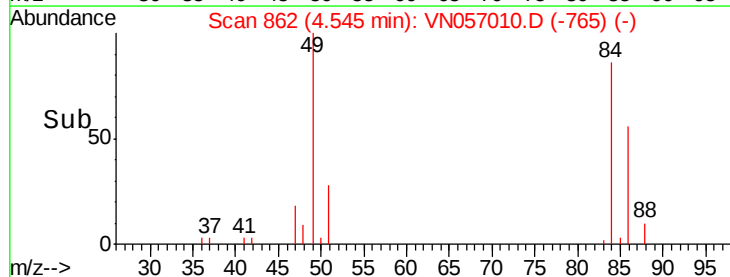
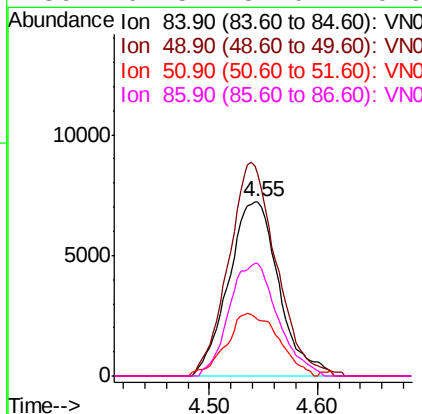
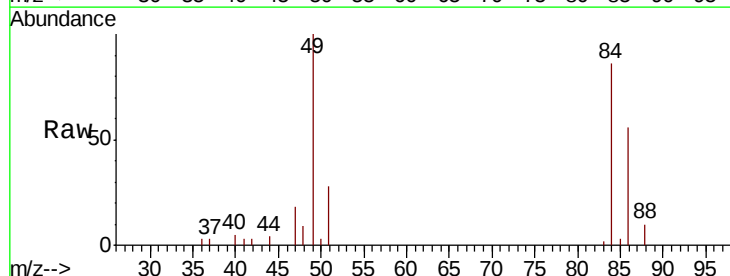
Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#06

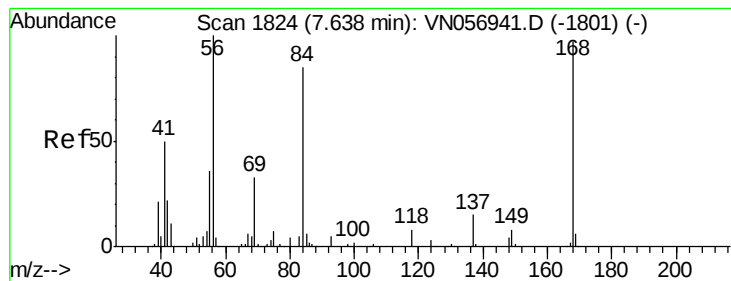
Tot Ion: 43 Resp: 4071
Ion Ratio Lower Upper
43 100
74 7.5 19.7 29.5#



#20
Methylene Chloride
Concen: 3.897 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

Tgt Ion: 84 Resp: 23414
Ion Ratio Lower Upper
84 100
49 115.7 95.2 142.8
51 32.2 29.7 44.5
86 64.5 51.0 76.6





#31

Cvclohexane

Concen: 0.947 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

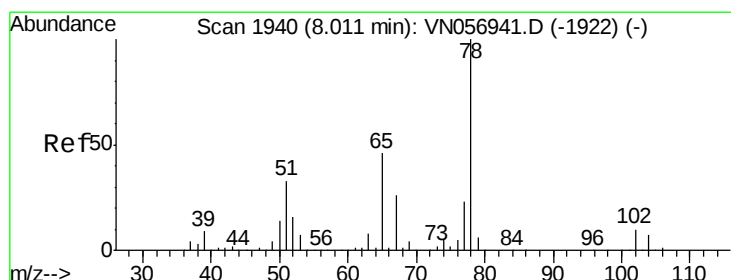
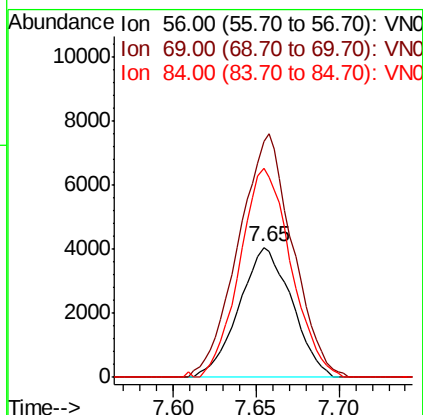
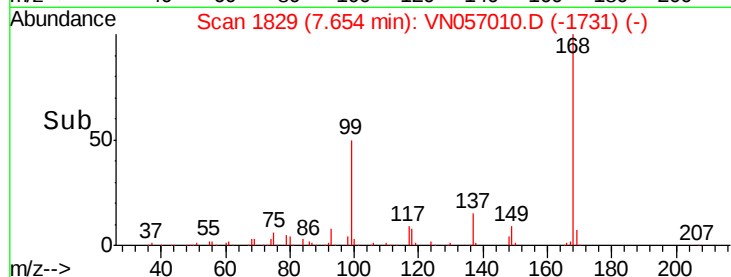
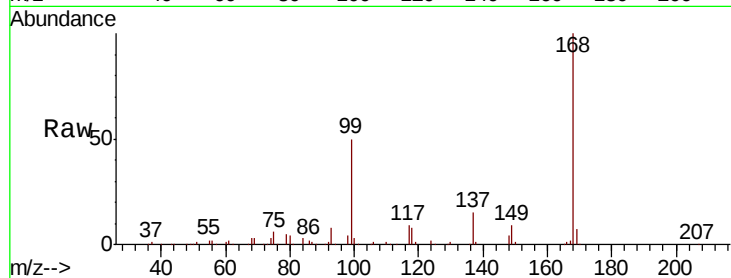
Tot Ion: 56 Resp: 8958

Ion Ratio Lower Upper

56 100

69 181.5 26.2 39.2#

84 157.1 68.2 102.2#



#33

1,2-Dichloroethane-d4

Concen: 48.982 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057010.D

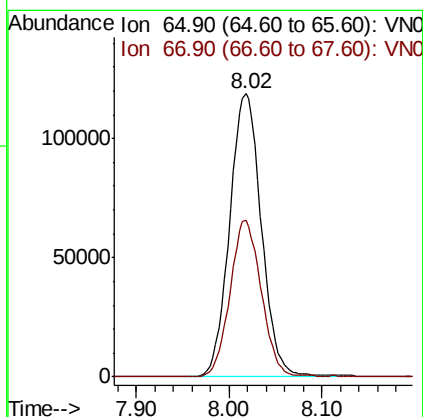
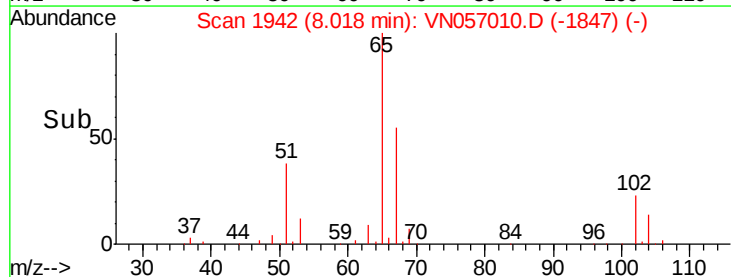
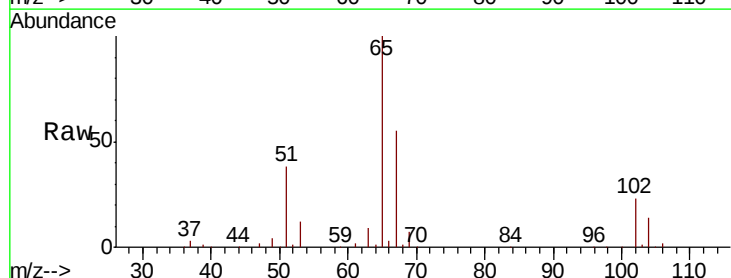
Acq: 31 Jul 2019 13:31

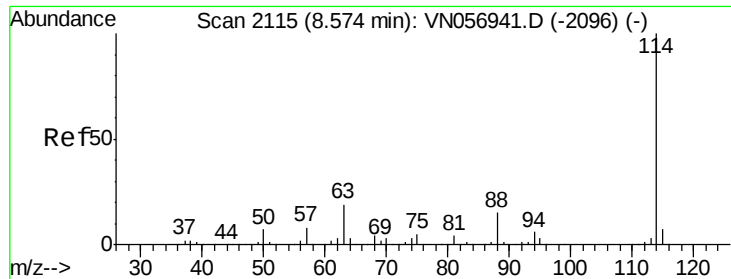
Tgt Ion: 65 Resp: 281992

Ion Ratio Lower Upper

65 100

67 54.4 0.0 112.0

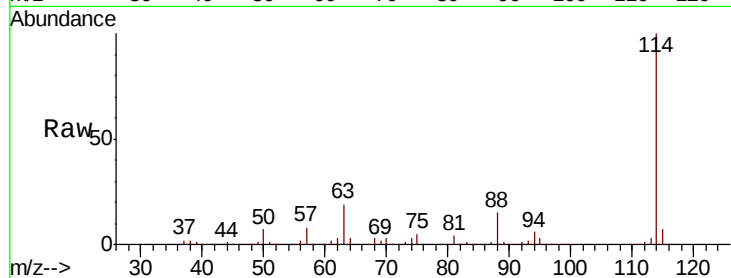




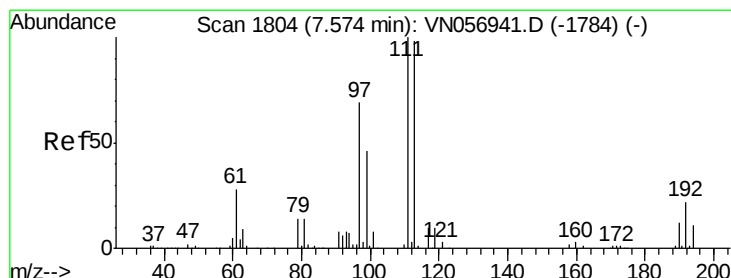
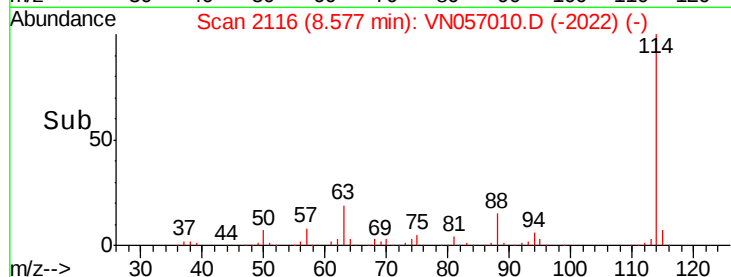
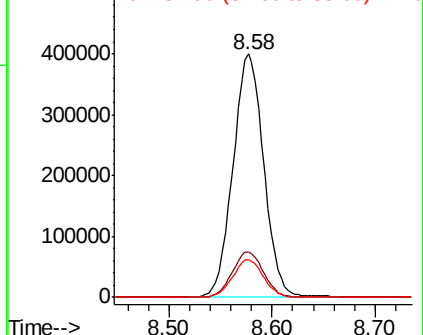
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#06

Tot Ion:114 Resp: 830126
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.3 0.0 30.0

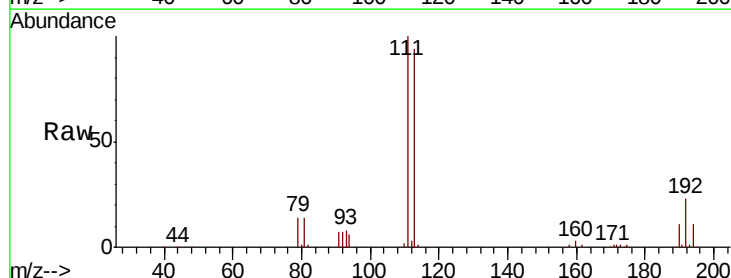


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

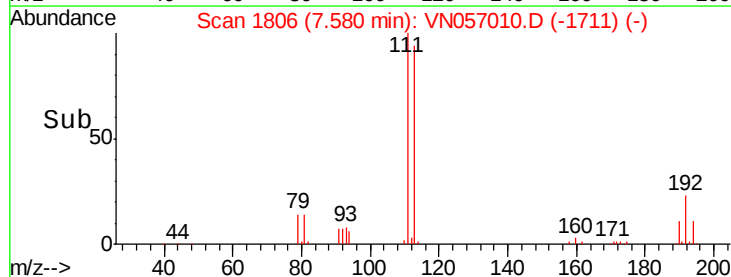
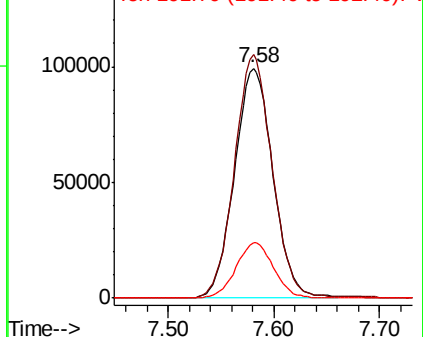


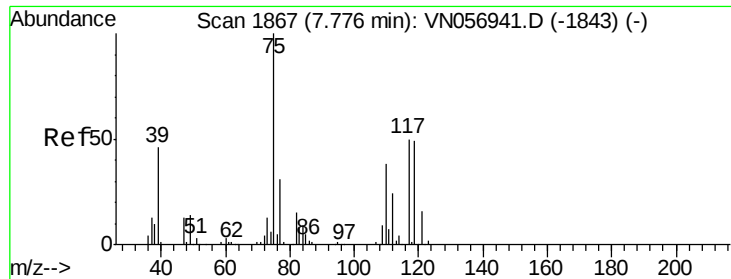
#35
 Dibromofluoromethane
 Concen: 47.348 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

Tgt Ion:113 Resp: 251618
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.0 123.0
 192 23.4 18.4 27.6



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: 4.722 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

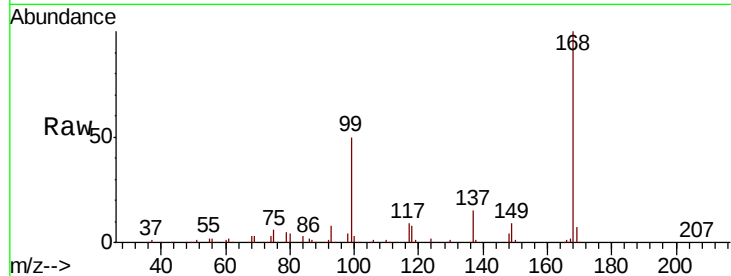
Tot Ion: 75 Resp: 34493

Ion Ratio Lower Upper

75 100

110 8.3 18.6 55.8#

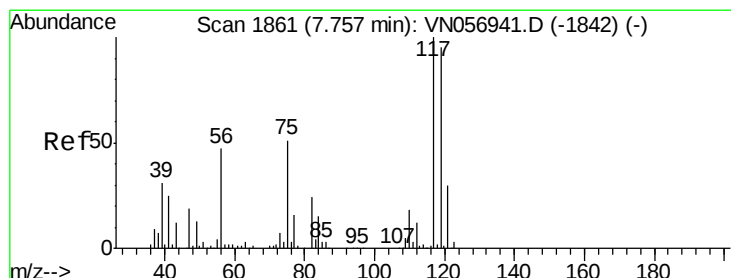
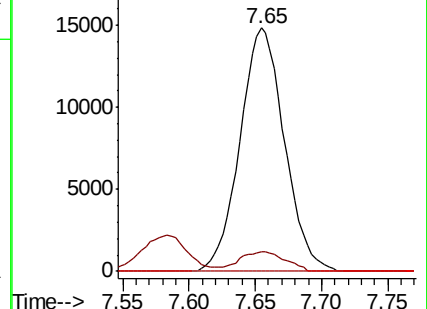
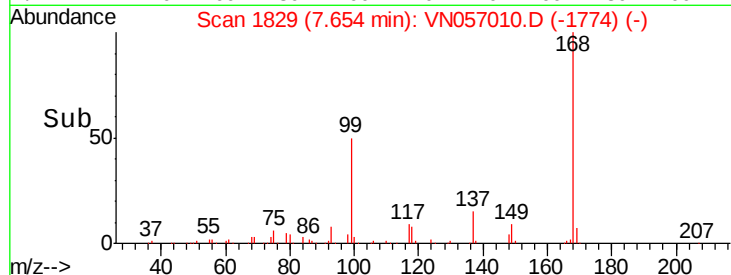
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057010.D (-1774) (-)

Ion 109.90 (109.60 to 110.60): VN057010.D (-1774) (-)

Ion 76.90 (76.60 to 77.60): VN057010.D (-1774) (-)



#38

Carbon Tetrachloride

Concen: 7.132 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.10 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

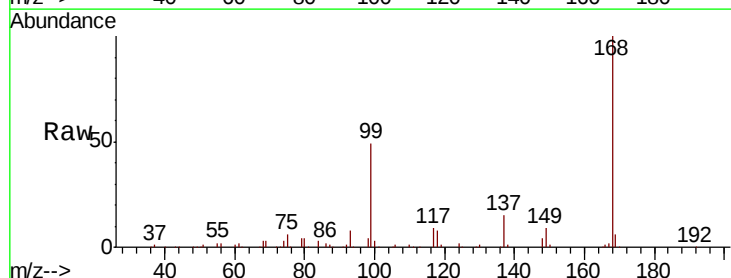
Tgt Ion: 117 Resp: 49279

Ion Ratio Lower Upper

117 100

119 6.7 75.3 112.9#

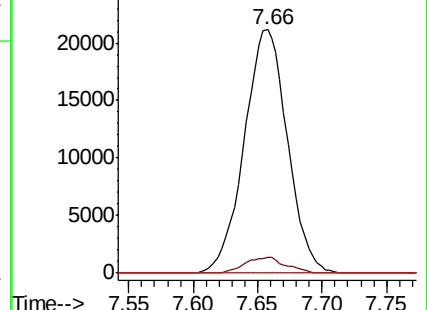
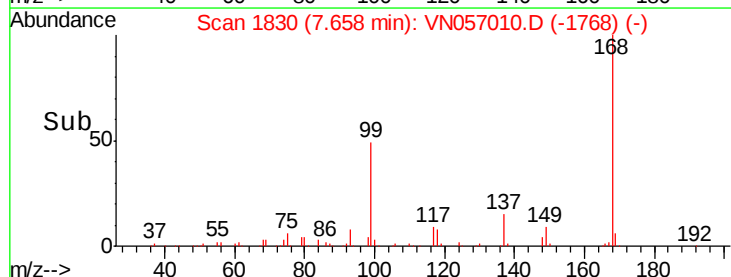
121 0.0 24.2 36.4#

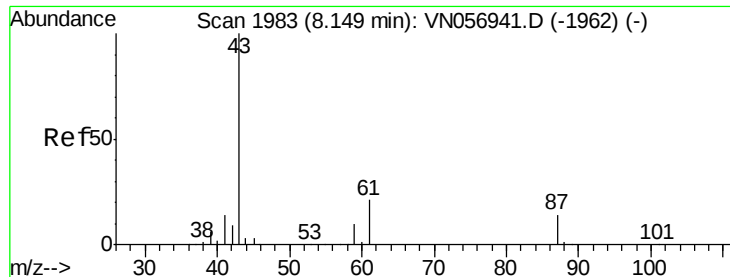


Abundance Ion 116.80 (116.50 to 117.50): VN057010.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN057010.D (-1768) (-)

Ion 120.80 (120.50 to 121.50): VN057010.D (-1768) (-)





#43

Isopropyl Acetate

Concen: 2.057 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

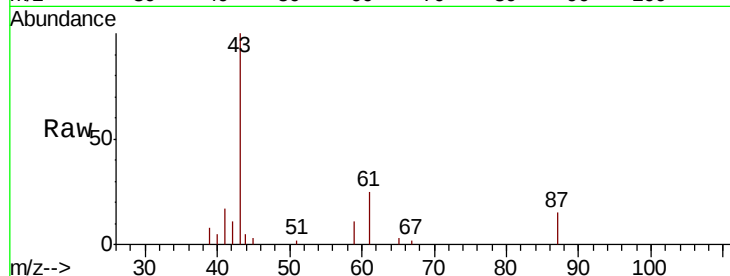
Tot Ion: 43 Resp: 19894

Ion Ratio Lower Upper

43 100

61 23.7 23.0 34.6

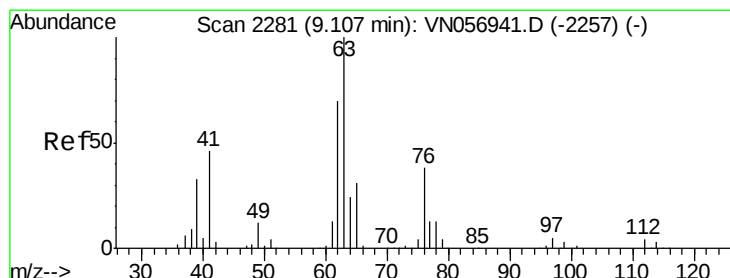
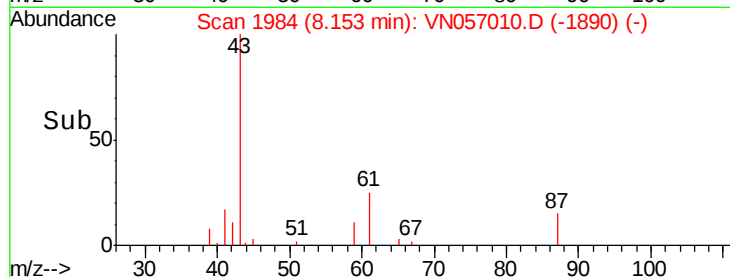
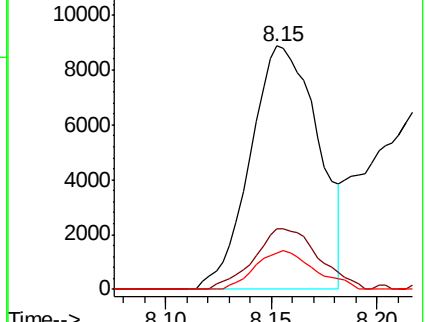
87 13.9 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN056941.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN056941.D (-1962) (-)



#45

1,2-Dichloropropane

Concen: 0.327 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN057010.D

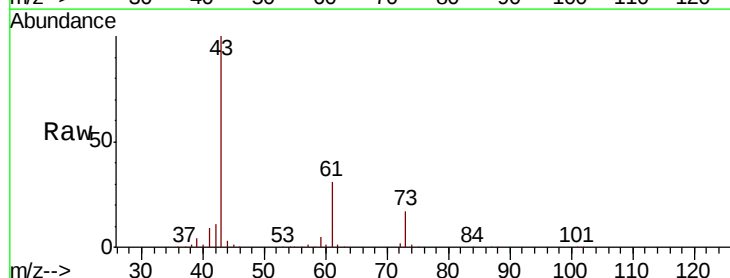
Acq: 31 Jul 2019 13:31

Tgt Ion: 63 Resp: 1968

Ion Ratio Lower Upper

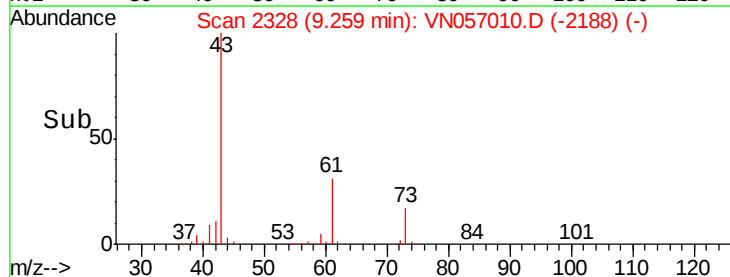
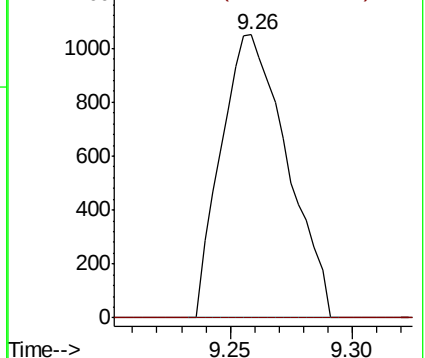
63 100

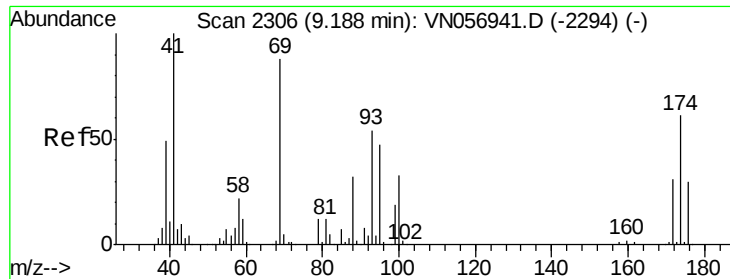
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN056941.D (-2257) (-)

Ion 64.90 (64.60 to 65.60): VN056941.D (-2257) (-)

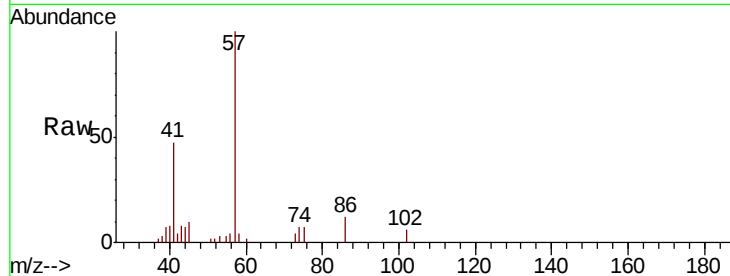




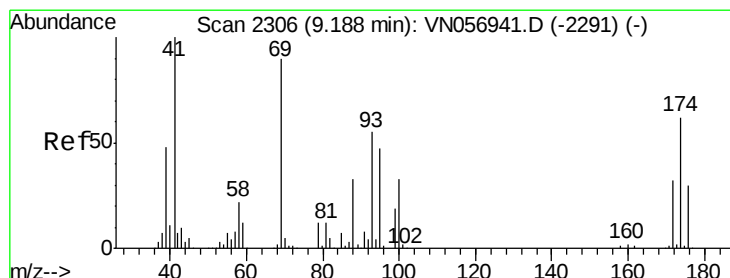
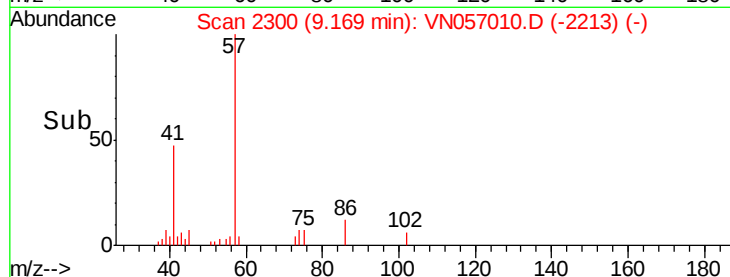
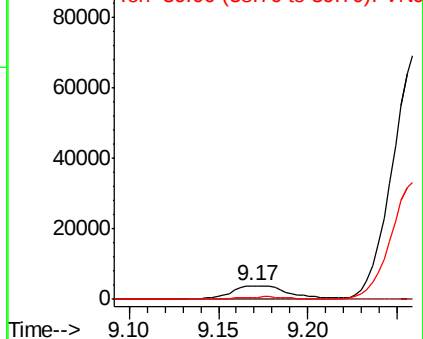
#48
Methvl methacrylate
Concen: 1.846 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#06

Tot Ion: 41 Resp: 8616
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 0.0 39.9 59.9#

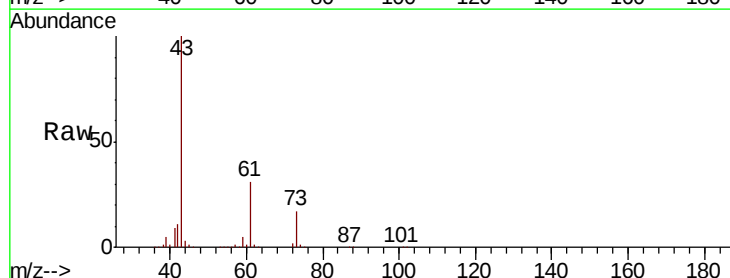


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

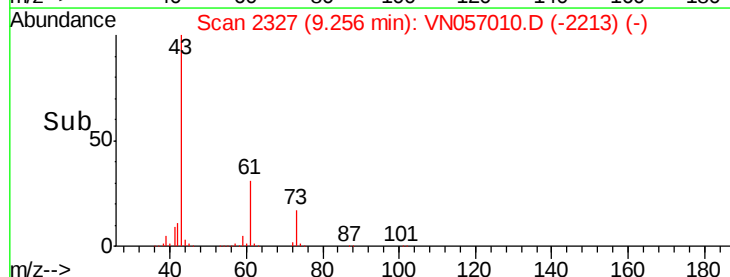
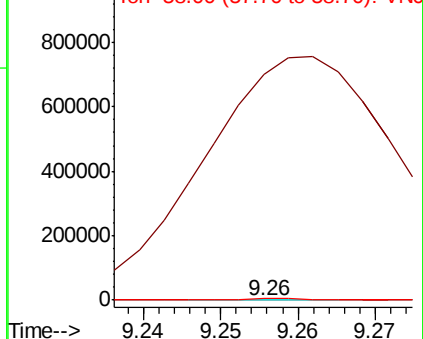


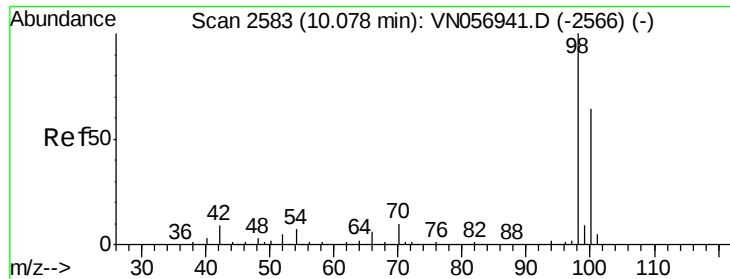
#49
1,4-Dioxane
Concen: 1.102 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.07 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 1348724.5 22.2 33.2#
58 6714.2 54.1 81.1#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 49.237 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

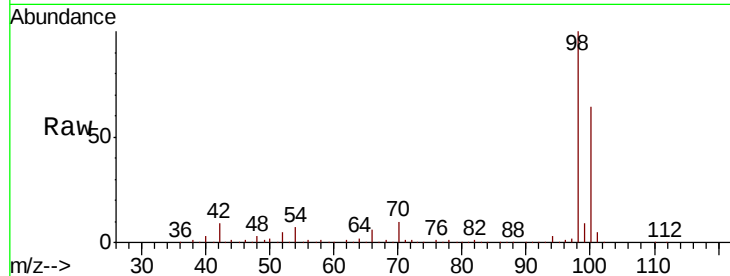
PB121844ZHE#06

Tot Ion: 98 Resp: 997818

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)

10.08

600000

500000

400000

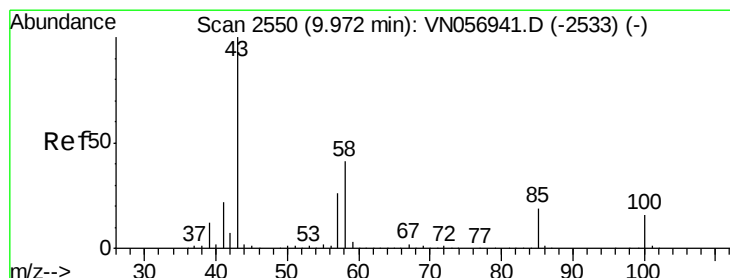
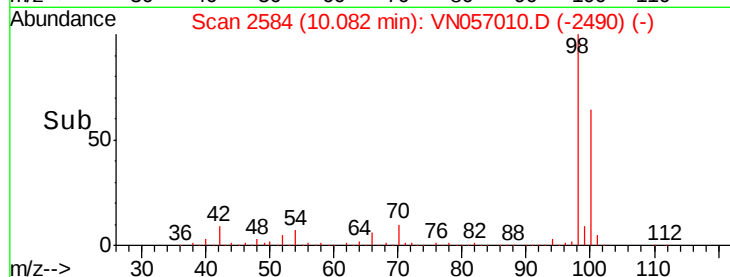
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.684 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN057010.D

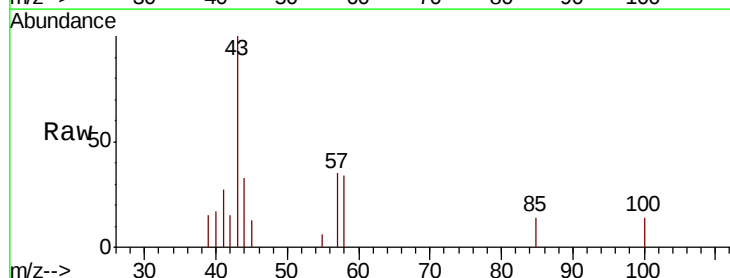
Acq: 31 Jul 2019 13:31

Tgt Ion: 43 Resp: 3930

Ion Ratio Lower Upper

43 100

58 42.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)

6000

5000

4000

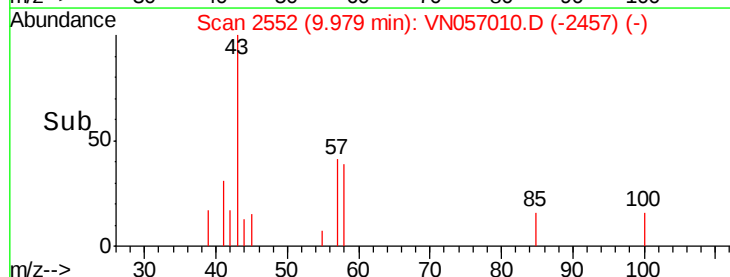
3000

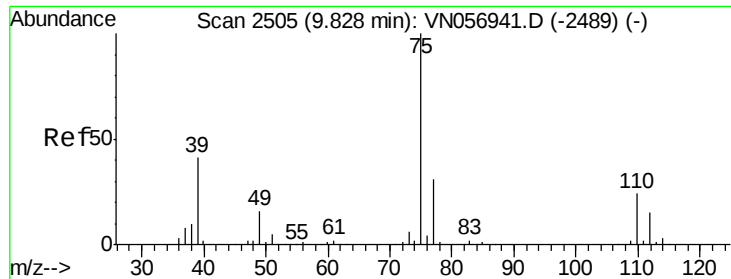
2000

1000

0

Time-->

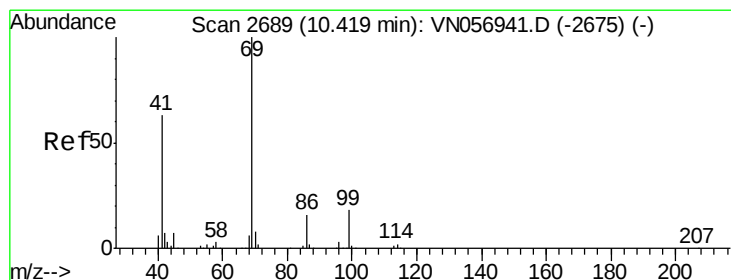
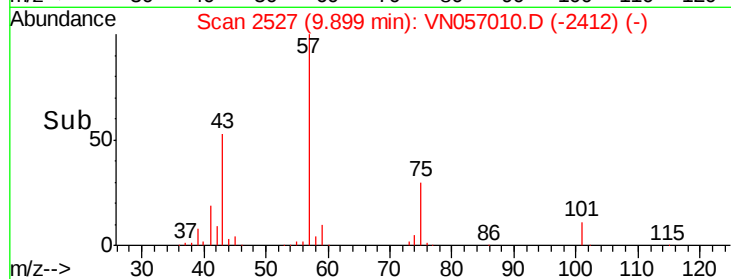
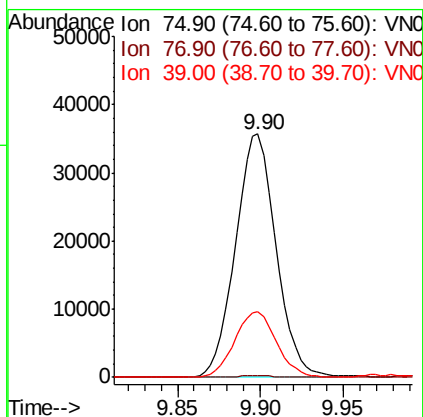
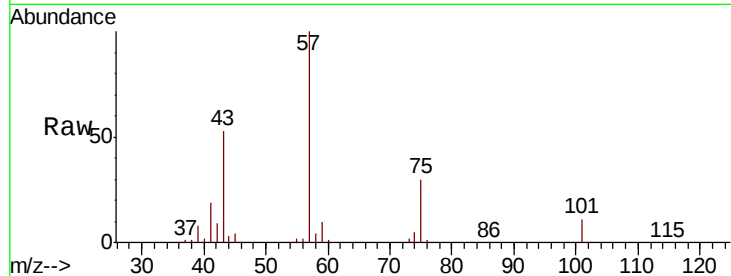




#54
 cis-1,3-Dichloropropene
 Concen: 7.056 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.07 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

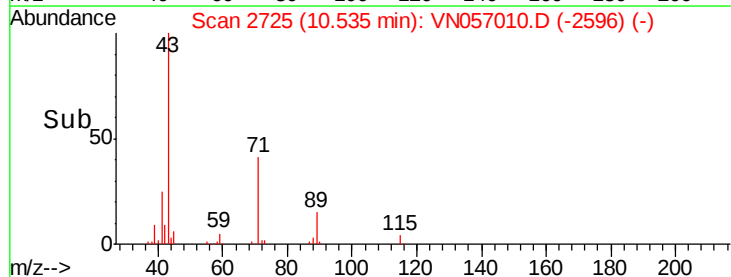
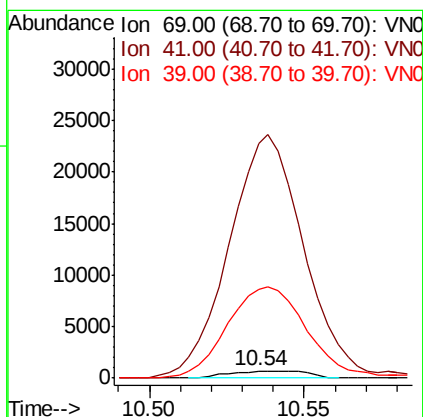
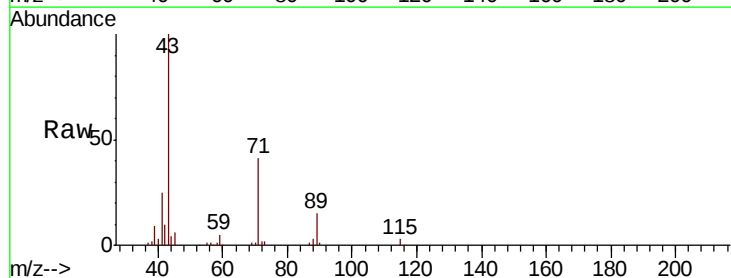
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#06

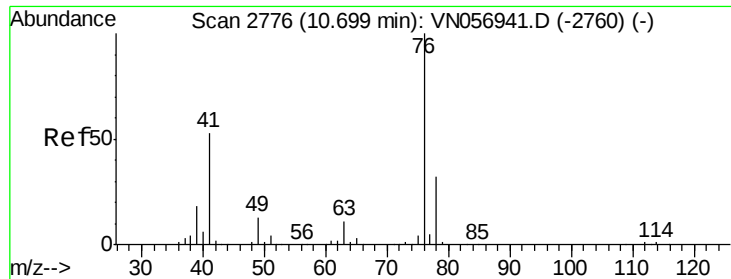
Tot Ion: 75 Resp: 60746
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.6#
 39 27.1 32.6 49.0#



#56
 Ethyl methacrylate
 Concen: 1.902 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.12 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

Tgt Ion: 69 Resp: 1204
 Ion Ratio Lower Upper
 69 100
 41 3338.6 49.2 73.8#
 39 1312.4 23.1 34.7#

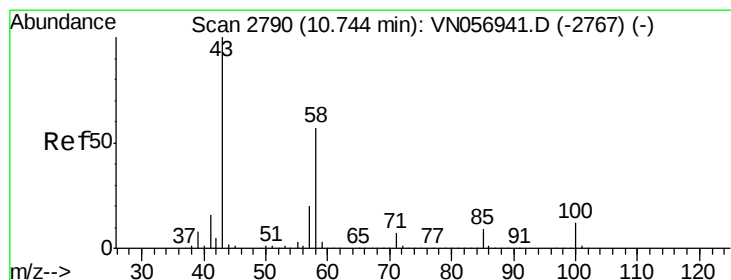
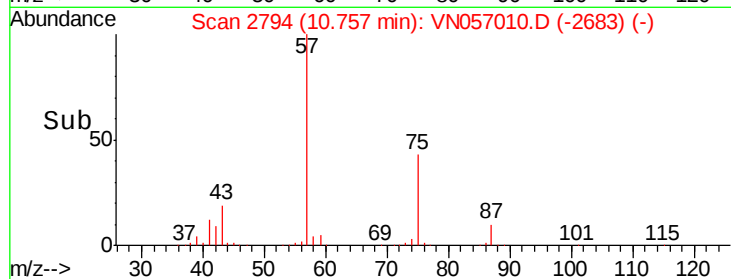
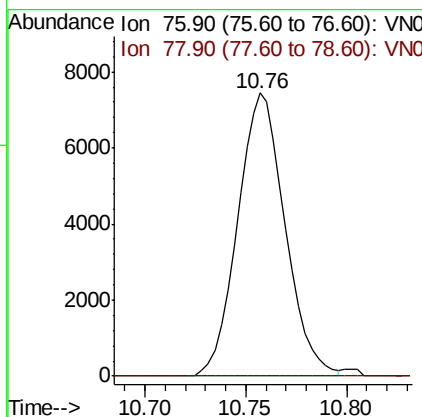
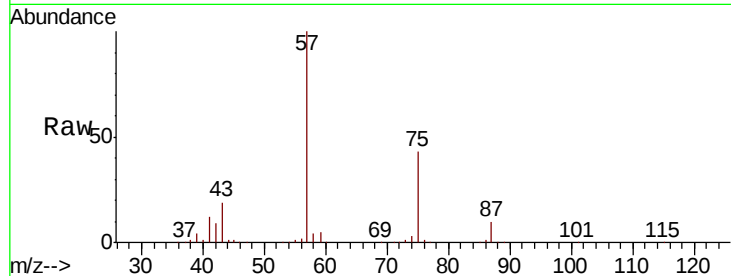




#57
 1,3-Dichloropropane
 Concen: 1.357 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.06 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

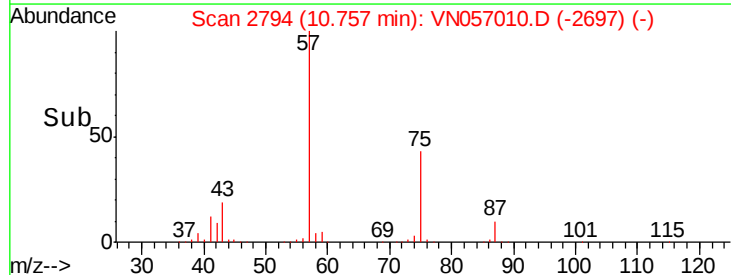
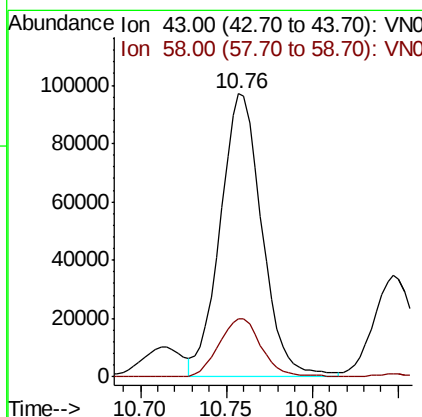
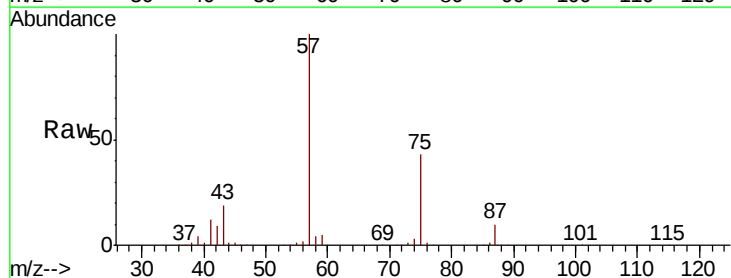
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#06

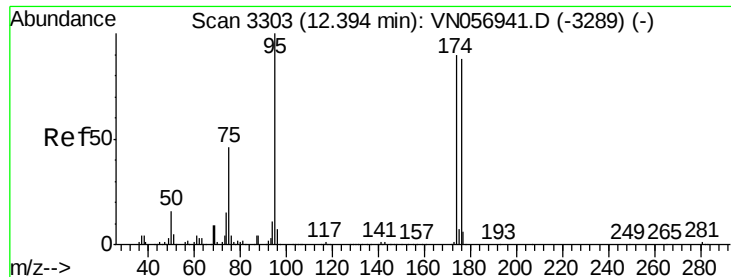
Tot Ion: 76 Resp: 12201
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 38.920 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: VN057010.D
 Acq: 31 Jul 2019 13:31

Tgt Ion: 43 Resp: 162767
 Ion Ratio Lower Upper
 43 100
 58 21.4 28.5 85.5#





#62

4-Bromofluorobenzene

Concen: 41.398 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

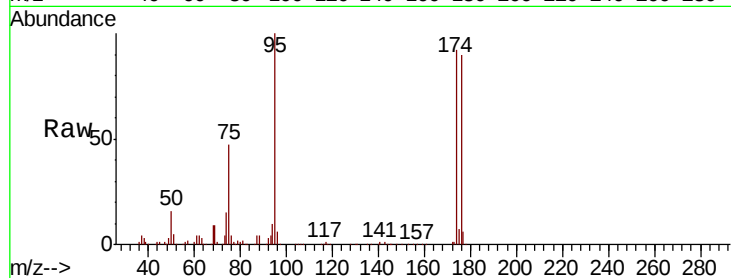
Tot Ion: 95 Resp: 273117

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

176 91.0 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

12.40

200000

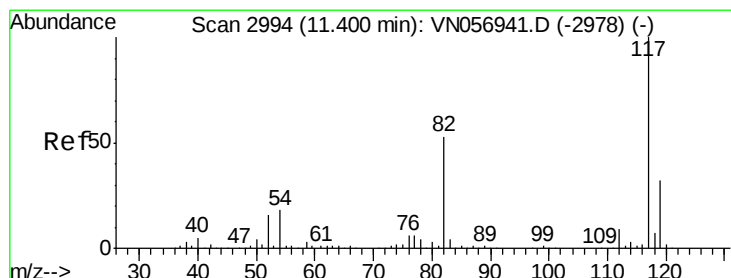
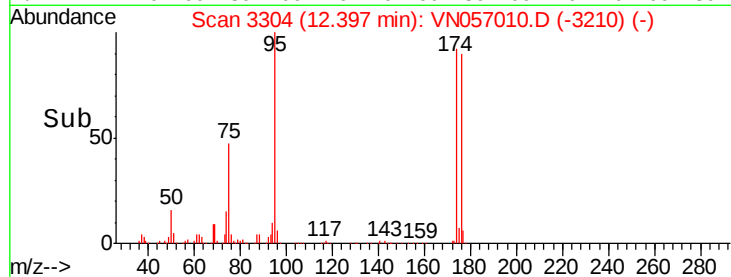
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

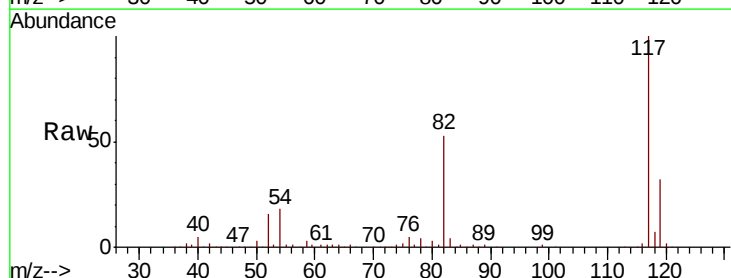
Tgt Ion: 117 Resp: 713875

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.4

119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): VN

11.40

500000

400000

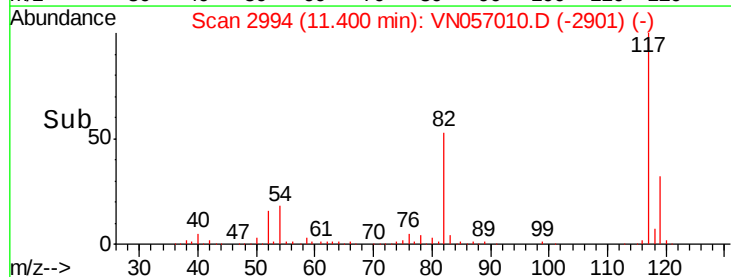
300000

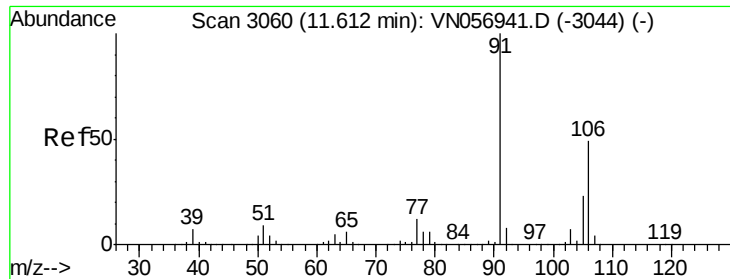
200000

100000

0

Time--> 11.30 11.40 11.50

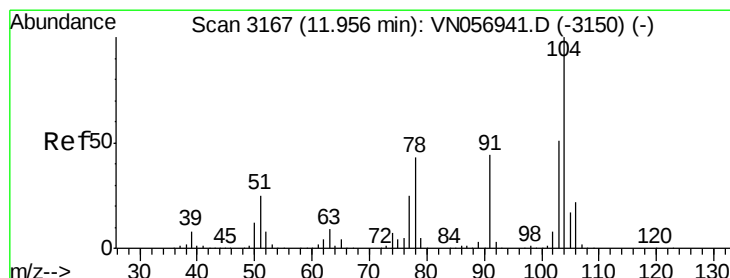
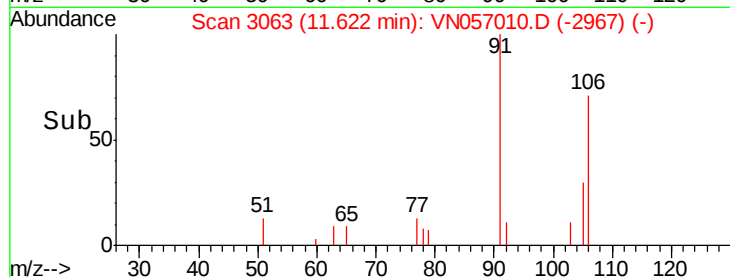
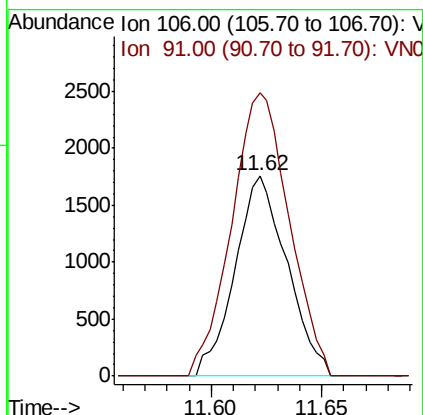
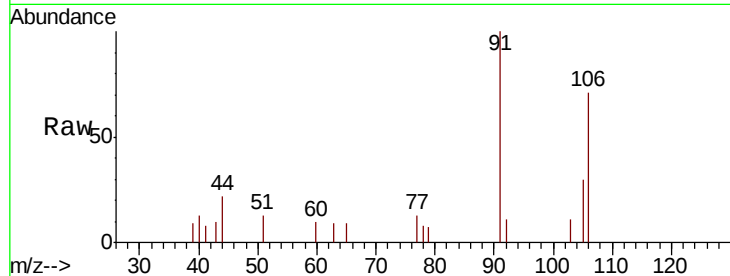




#68
m/p-Xvlenes
Concen: 0.310 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.01 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

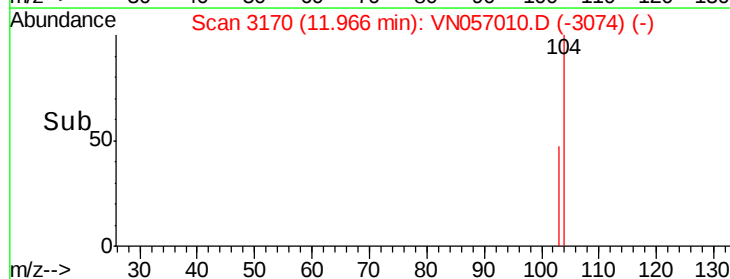
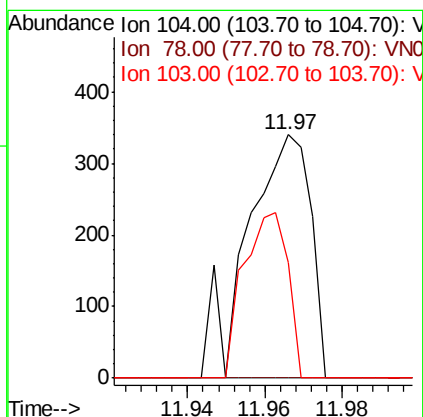
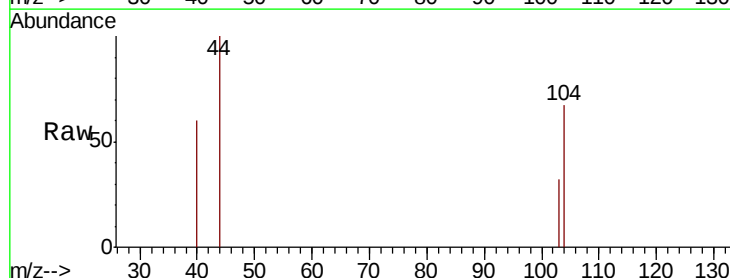
Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#06

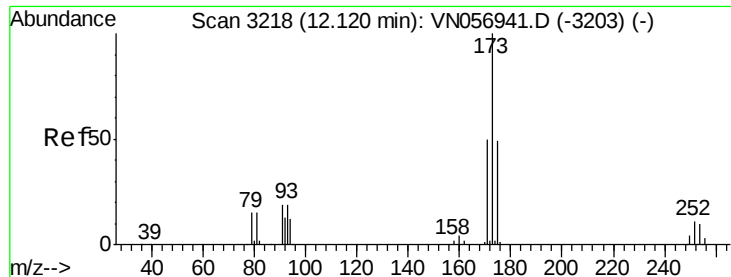
Tot Ion:106 Resp: 2875
Ion Ratio Lower Upper
106 100
91 156.8 160.0 240.0#



#70
Styrene
Concen: 1.890 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.01 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

Tgt Ion:104 Resp: 386
Ion Ratio Lower Upper
104 100
78 0.0 38.1 57.1#
103 46.9 44.3 66.5

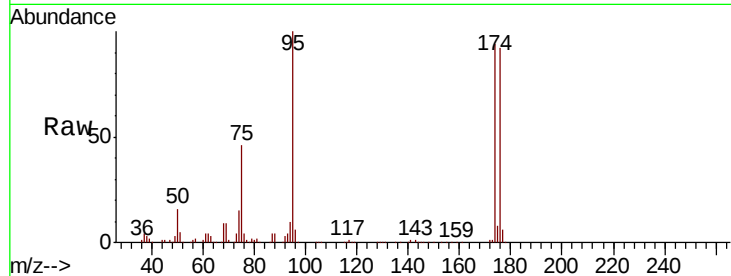




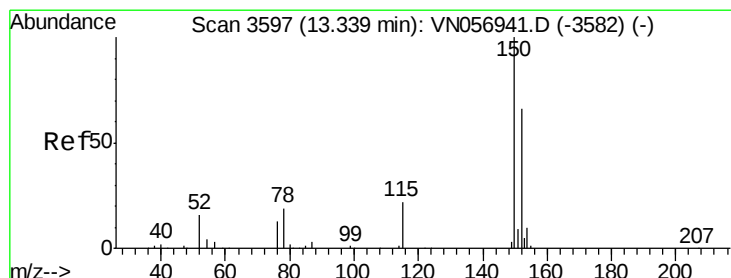
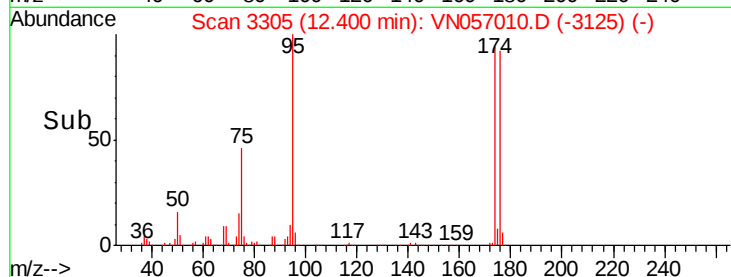
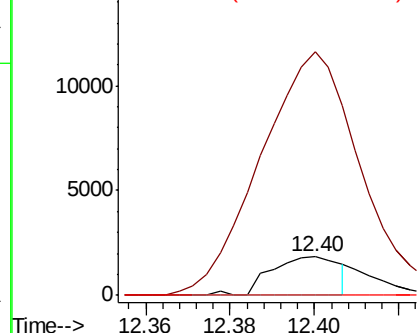
#71
Bromoform
Concen: 0.550 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#06

Tot Ion:173 Resp: 2104
Ion Ratio Lower Upper
173 100
175 723.5 24.1 72.4#
254 0.0 0.1 0.1#

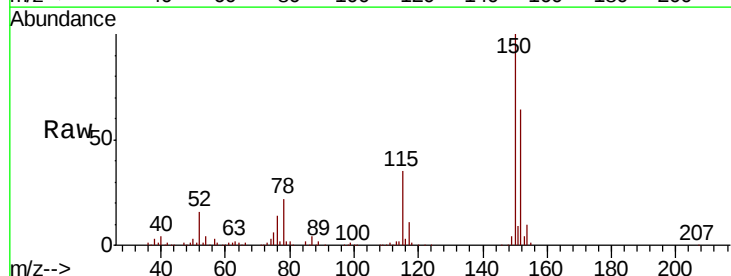


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

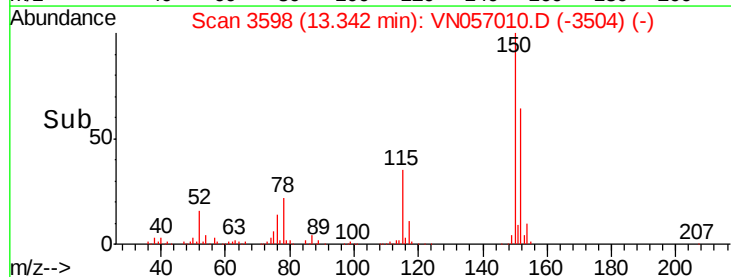
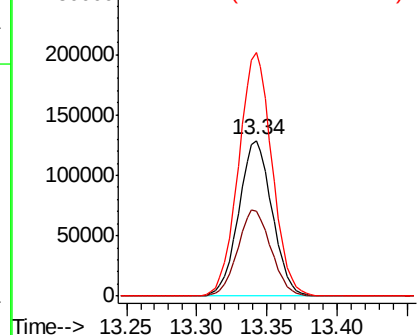


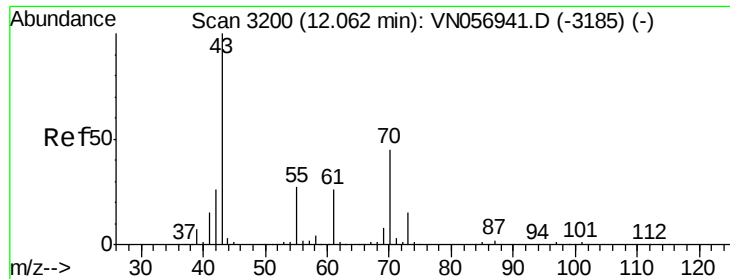
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057010.D
Acq: 31 Jul 2019 13:31

Tgt Ion:152 Resp: 213408
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.6
150 157.0 0.0 349.4



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





#74

N-amvl acetate

Concen: 3.040 ug/l

RT: 11.87 min Scan# 3141

Delta R.T. -0.19 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

Tot Ion: 43 Resp: 16281

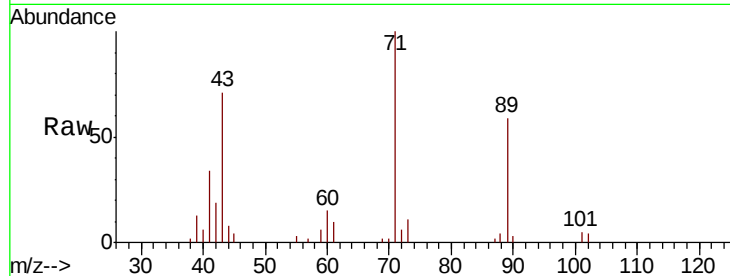
Ion Ratio Lower Upper

43 100

70 1.2 36.5 54.7#

55 0.0 21.4 32.0#

61 10.7 20.5 30.7#

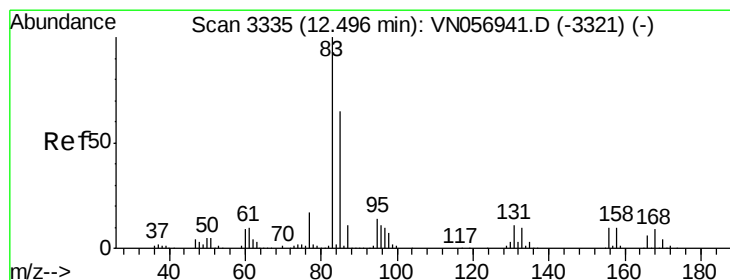
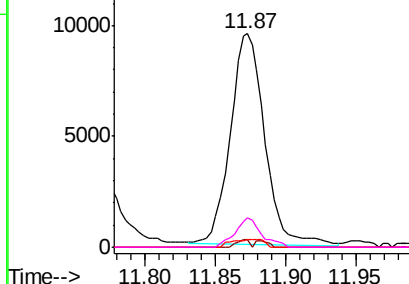
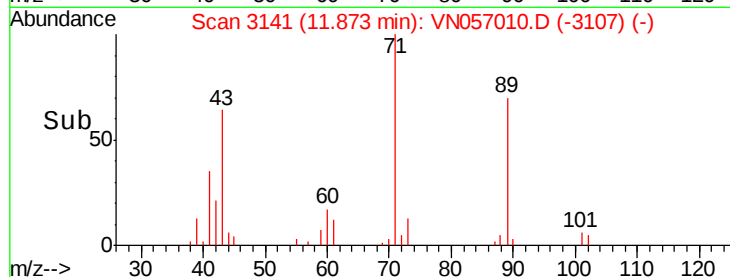


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.10 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

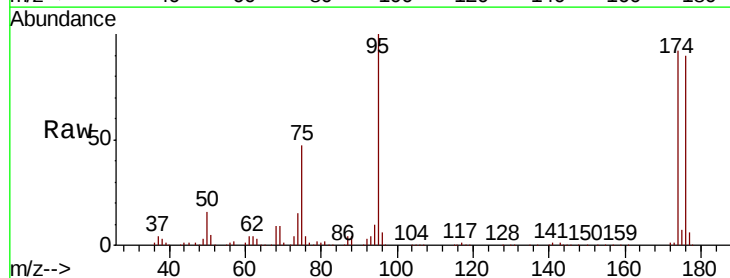
Tgt Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

131 633.3 5.3 16.1#

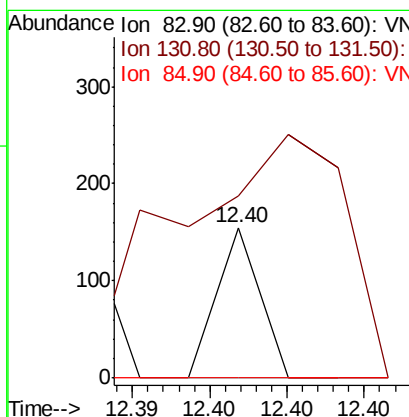
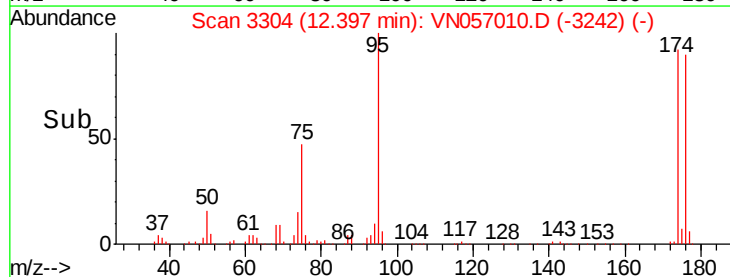
85 0.0 32.5 97.4#

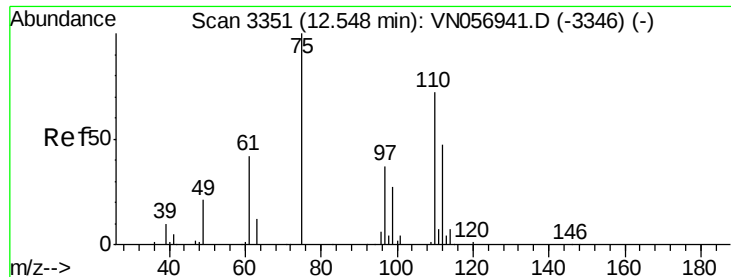


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 28.925 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

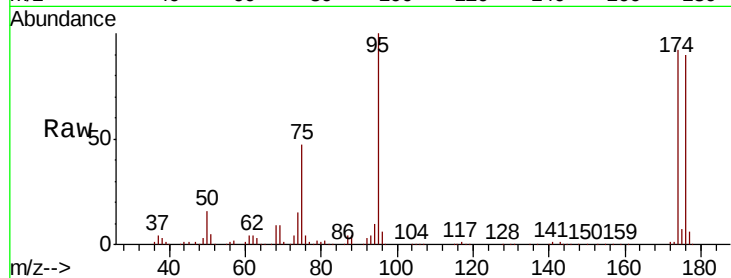
PB121844ZHE#06

Tot Ion: 75 Resp: 125360

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN056941.D (-3346) (-)

12.40

80000

60000

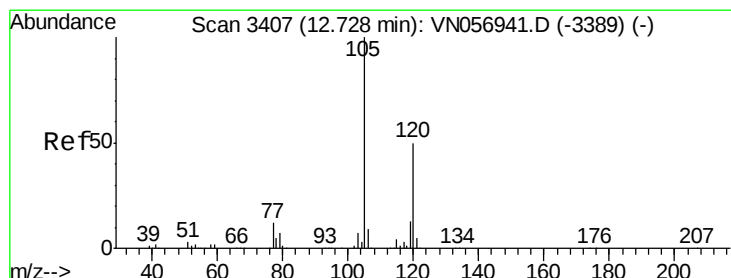
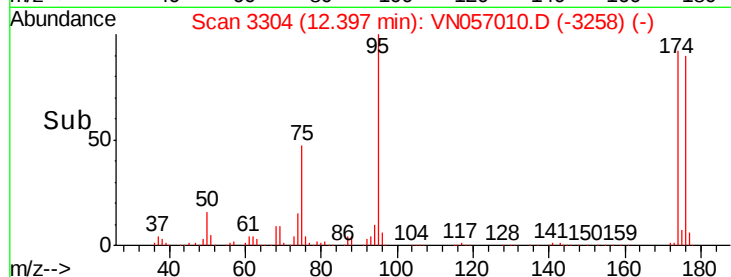
40000

20000

0

Time-->

12.35 12.40 12.45



#80

1,3,5-Trimethylbenzene

Concen: 0.271 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN057010.D

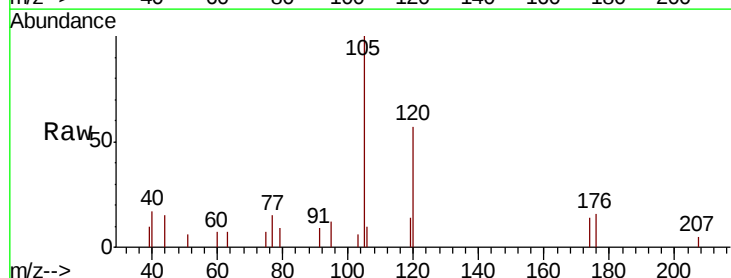
Acq: 31 Jul 2019 13:31

Tgt Ion: 105 Resp: 4104

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056941.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN056941.D (-3389) (-)

12.73

3000

2500

2000

1500

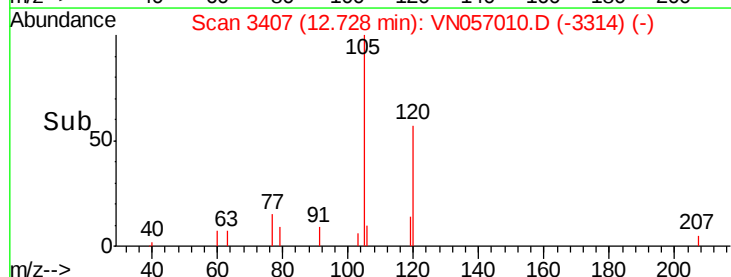
1000

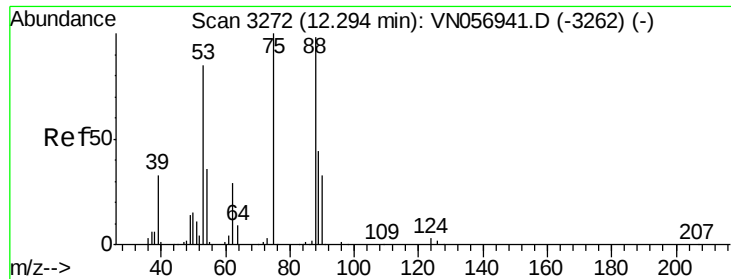
500

0

Time-->

12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 92.935 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

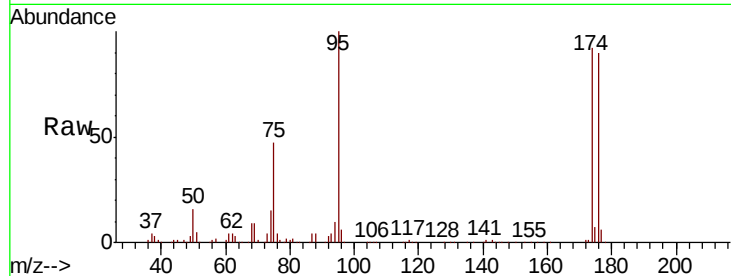
Tot Ion: 75 Resp: 125360

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

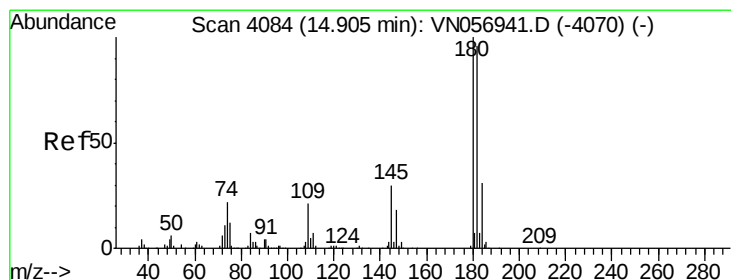
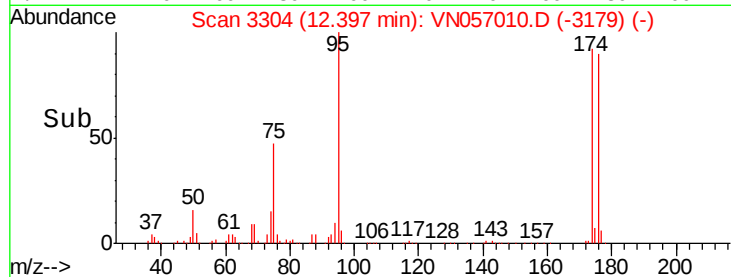
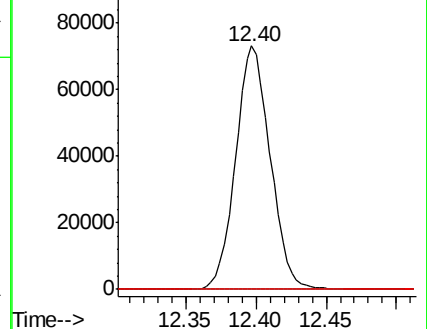
89 0.0 35.8 53.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN056941.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN056941.D (-3262) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.801 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.01 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

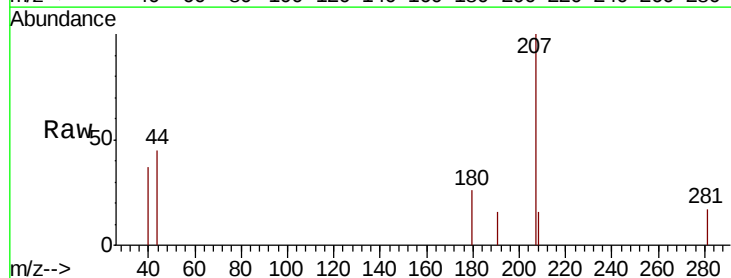
Tgt Ion: 180 Resp: 351

Ion Ratio Lower Upper

180 100

182 18.5 47.6 142.8#

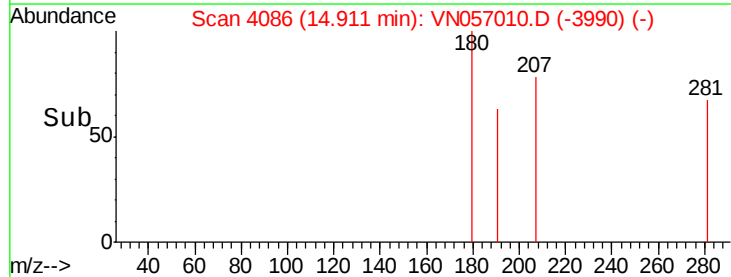
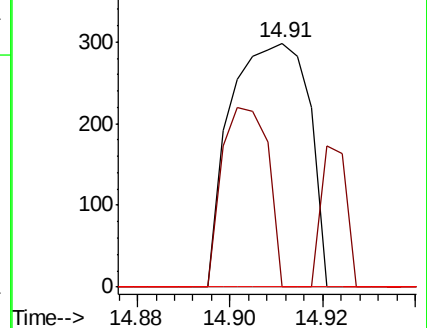
145 0.0 14.2 42.8#

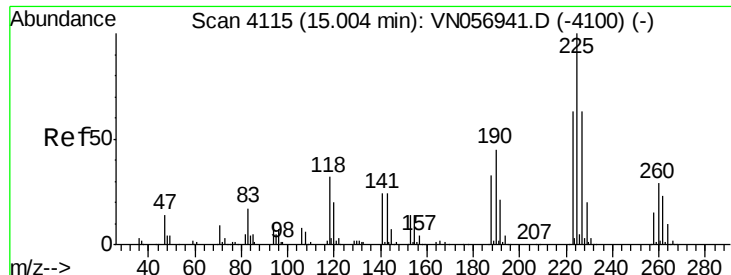


Abundance Ion 179.80 (179.50 to 180.50): VN056941.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN056941.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN056941.D (-4070) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. 0.00 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

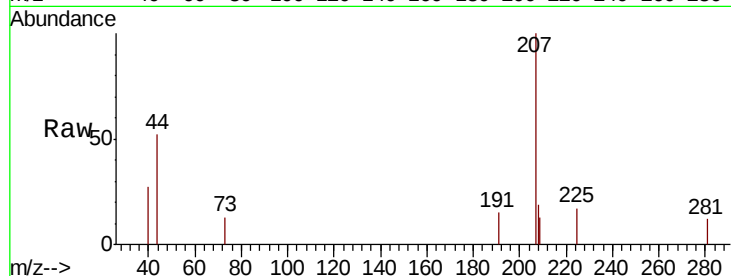
Tot Ion:225 Resp: 113

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.4#

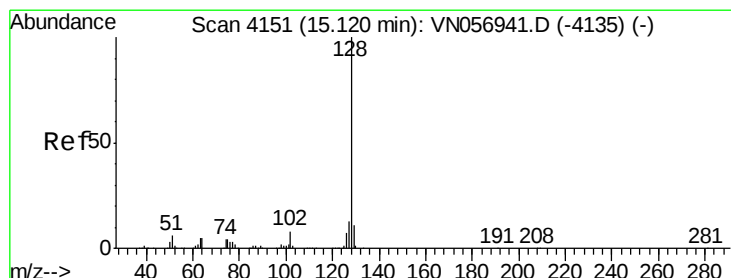
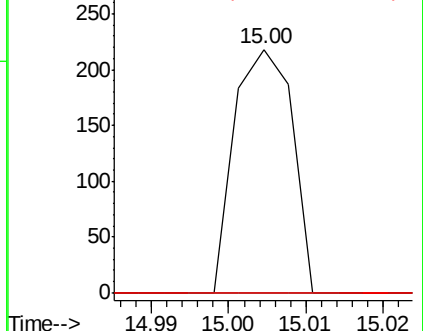
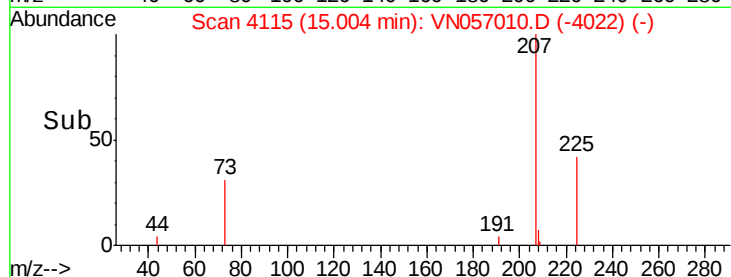
227 0.0 31.1 93.5#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.695 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.01 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

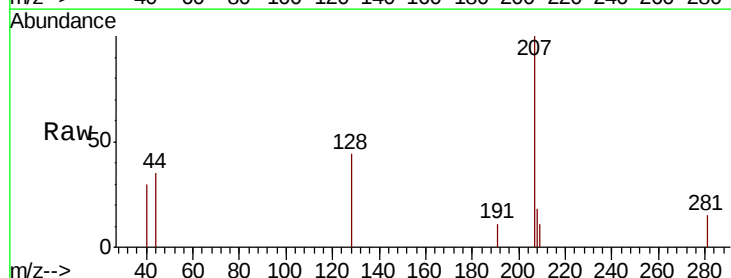
Tgt Ion:128 Resp: 1051

Ion Ratio Lower Upper

128 100

127 0.0 10.0 15.0#

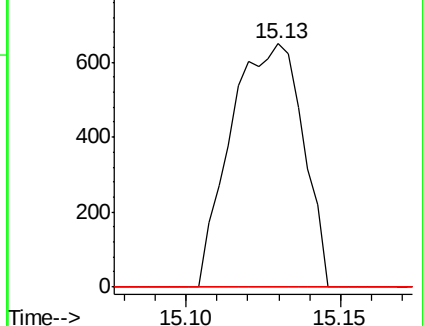
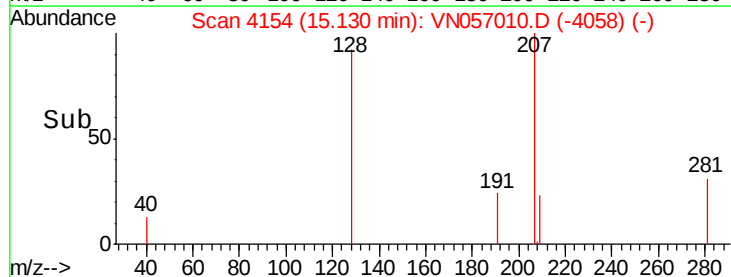
129 0.0 8.7 13.1#

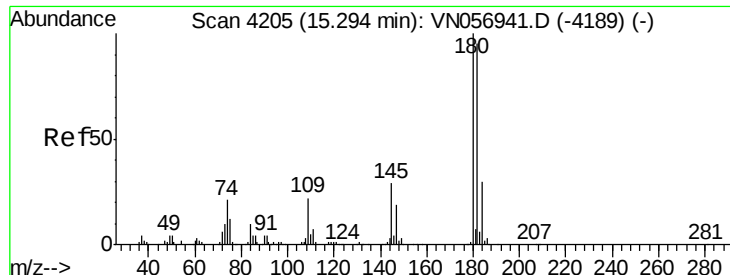


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 2.226 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057010.D

Acq: 31 Jul 2019 13:31

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#06

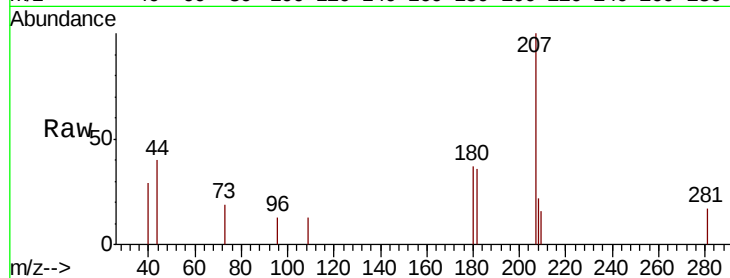
Tot Ion:180 Resp: 689

Ion Ratio Lower Upper

180 100

182 78.5 48.0 144.2

145 8.7 15.0 45.0#



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

