

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057018.D
 Acq On : 31 Jul 2019 16:37
 Operator : JC/SP
 Sample : K4066-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12

Quant Time: Aug 01 01:22:00 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	568270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	842537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	717434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	233680	50.00	ug/l	0.00

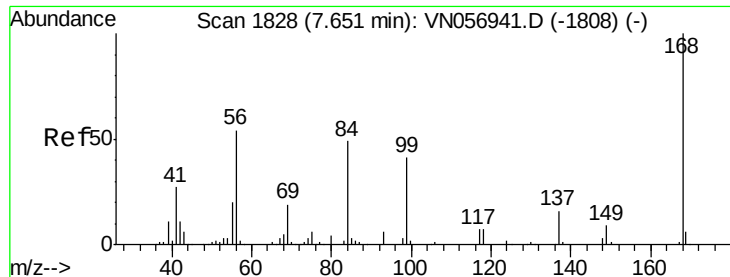
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	286753	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.58	113	256558	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
50) Toluene-d8	10.08	98	990583	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.40	95	278976	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	1849	2.352	ug/l #	74
16) Acetone	3.81	43	25897	12.289	ug/l	100
18) Methyl Acetate	4.33	43	8254	1.228	ug/l	95
20) Methylene Chloride	4.54	84	29081	4.791	ug/l	96
25) 2-Butanone	6.84	43	2151	0.720	ug/l #	48
30) Chloroform	7.36	83	6885	0.682	ug/l	96
31) Cyclohexane	7.65	56	8395	0.878	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	36106	4.870	ug/l #	49
38) Carbon Tetrachloride	7.66	117	47734	6.807	ug/l #	17
43) Isopropyl Acetate	8.17	43	29237	2.979	ug/l #	80
45) 1,2-Dichloropropane	9.26	63	1982	0.325	ug/l #	44
48) Methyl methacrylate	9.18	41	9662	2.039	ug/l #	12
49) 1,4-Dioxane	9.26	88	166	1.700	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4234	0.726	ug/l	100
54) cis-1,3-Dichloropropene	9.90	75	57630	6.595	ug/l #	63
56) Ethyl methacrylate	10.54	69	1203	1.900	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12648	1.386	ug/l #	42
59) 2-Hexanone	10.76	43	164912	38.857	ug/l #	51
71) Bromoform	12.40	173	2164	0.563	ug/l #	1
73) Isopropylbenzene	12.25	105	4342	0.215	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	127321	26.829	ug/l #	100
78) n-propylbenzene	12.59	91	9034	0.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	4258	0.257	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	127321	86.201	ug/l #	15
85) sec-Butylbenzene	13.17	105	8700	0.460	ug/l	93
89) n-Butylbenzene	13.61	91	3787	0.292	ug/l	94
90) Hexachloroethane	13.89	117	3046	1.053	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.47	75	247	0.308	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	60	2.726	ug/l #	1
95) Naphthalene	15.12	128	1773	3.754	ug/l #	86
96) 1,2,3-Trichlorobenzene	15.29	180	129	2.080	ug/l #	1

(#) = 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

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Instrument :

MSVOA_N

ClientSampled :

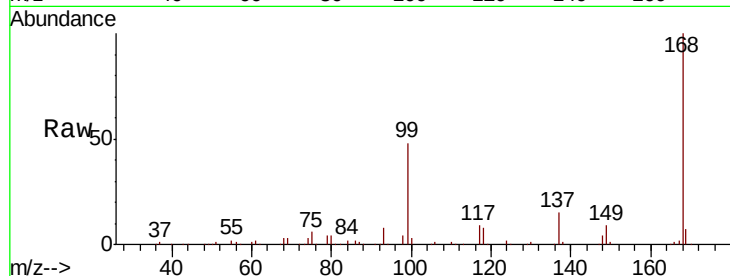
TP-12

Tot Ion:168 Resp: 568270

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

150000

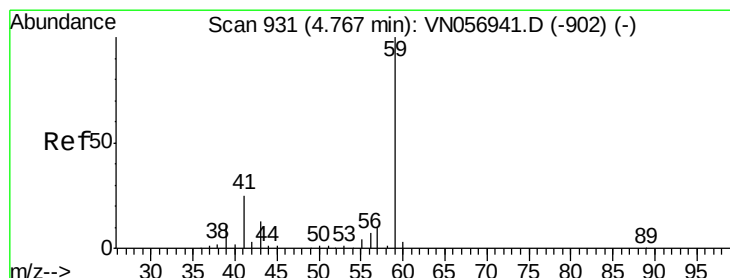
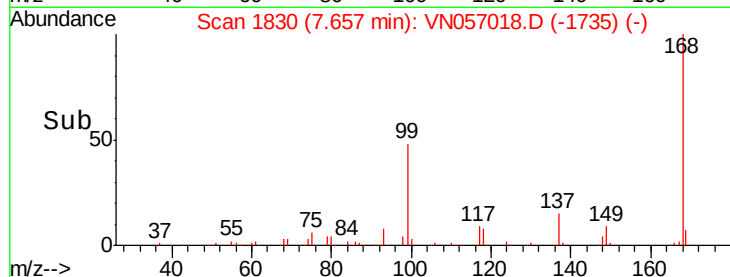
100000

50000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 2.352 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.04 min

Lab File: VN057018.D

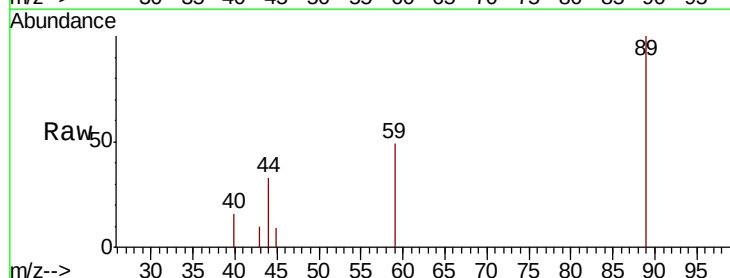
Acq: 31 Jul 2019 16:37

Tgt Ion: 59 Resp: 1849

Ion Ratio Lower Upper

59 100

57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VN056941.D (-902) (-)

Ion 57.00 (56.70 to 57.70): VN056941.D (-902) (-)

4.73

1000

800

600

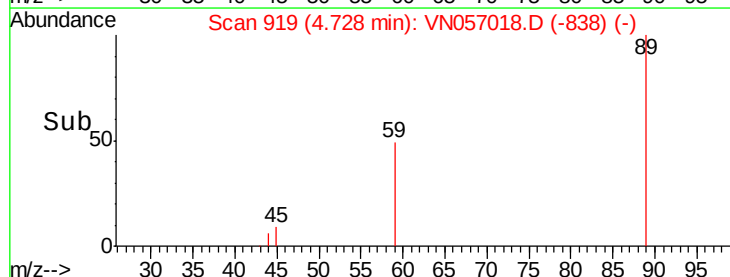
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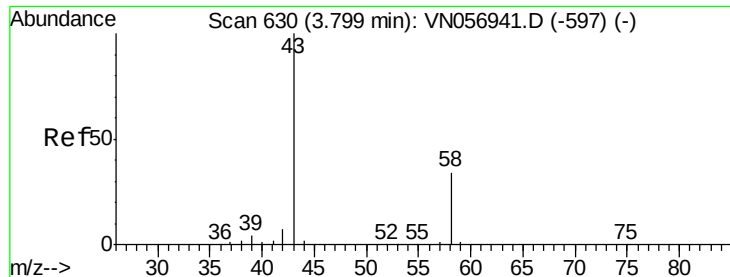
200

0

4.70 4.75

Time-->





#16

Acetone

Concen: 12.289 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

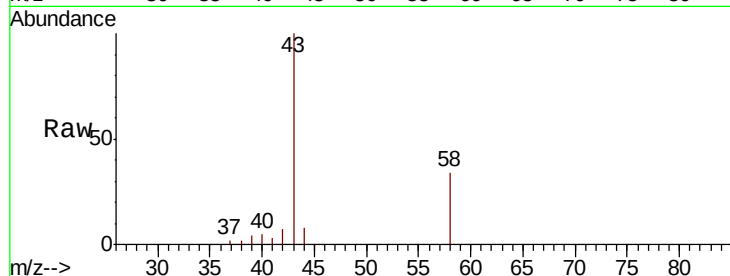
TP-12

Tot Ion: 43 Resp: 25897

Ion Ratio Lower Upper

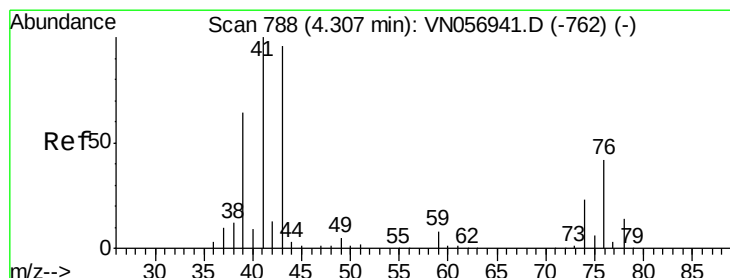
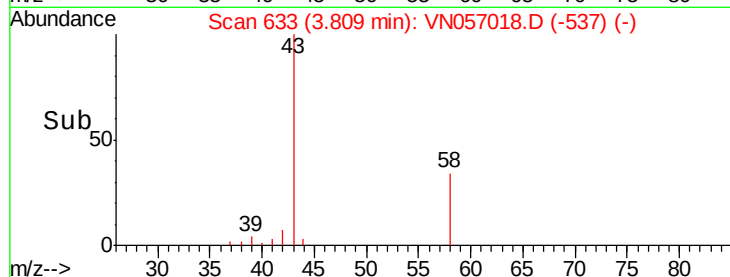
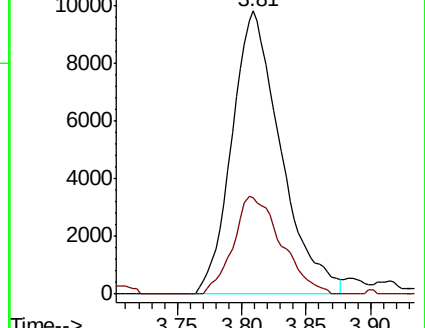
43 100

58 34.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN057018.D (-633) (-)

Ion 58.00 (57.70 to 58.70): VN057018.D (-633) (-)



#18

Methyl Acetate

Concen: 1.228 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN057018.D

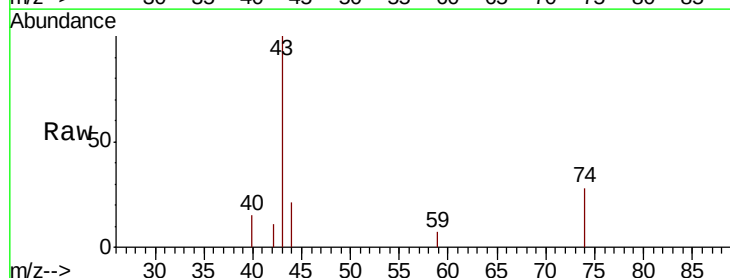
Acq: 31 Jul 2019 16:37

Tgt Ion: 43 Resp: 8254

Ion Ratio Lower Upper

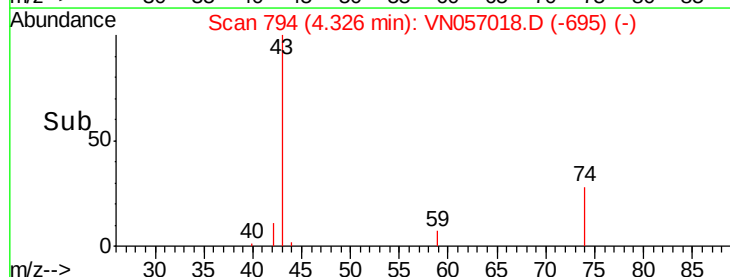
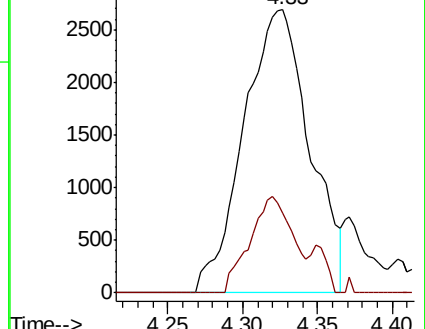
43 100

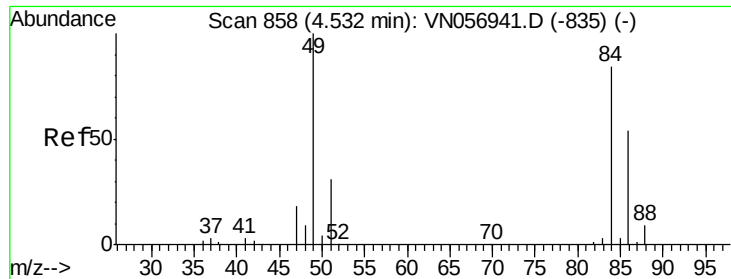
74 22.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN057018.D (-695) (-)

Ion 74.00 (73.70 to 74.70): VN057018.D (-695) (-)

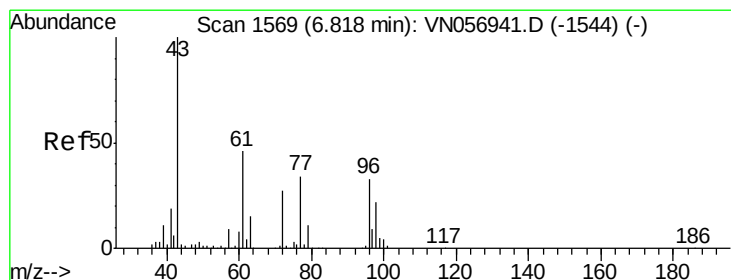
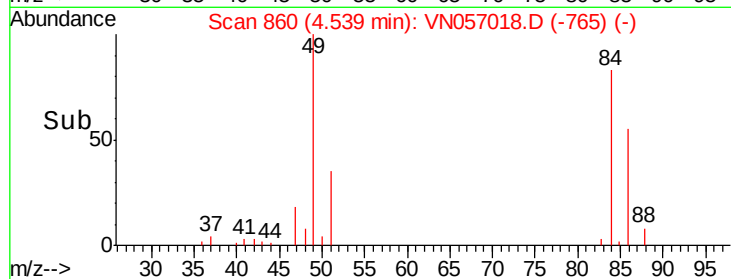
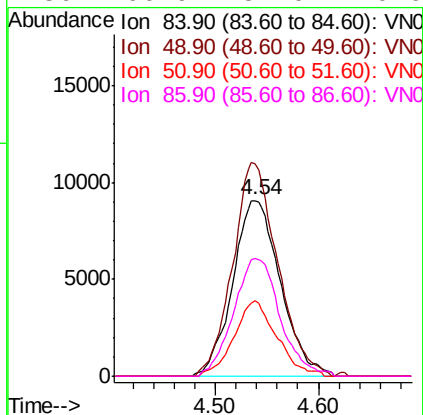
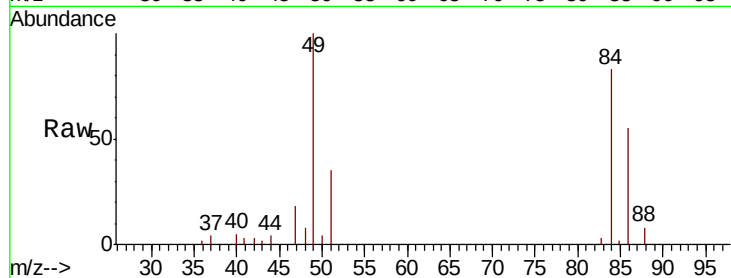




#20
Methvlene Chloride
Concen: 4.791 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

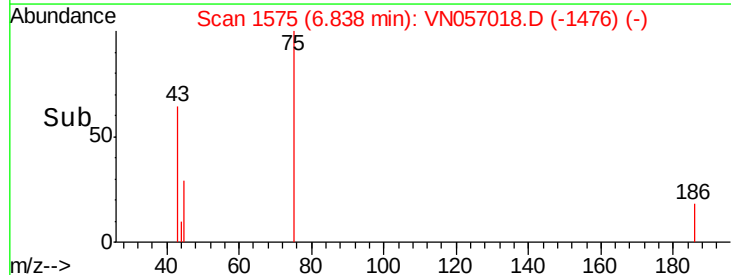
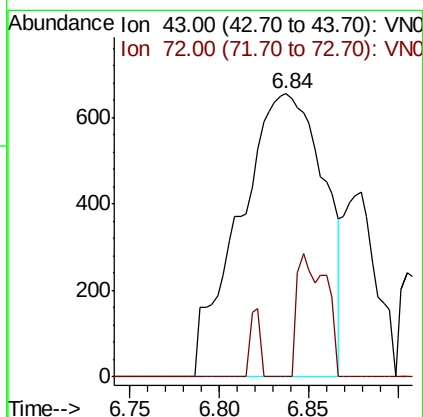
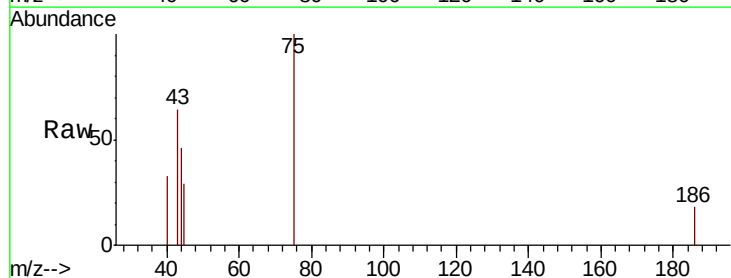
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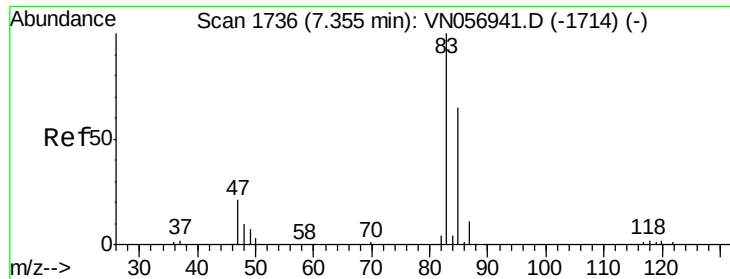
Tot Ion:	84	Resp:	29081
Ion	Ratio	Lower	Upper
84	100		
49	121.0	95.2	142.8
51	42.7	29.7	44.5
86	66.9	51.0	76.6



#25
2-Butanone
Concen: 0.720 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

Tgt Ion:	43	Resp:	2151
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#

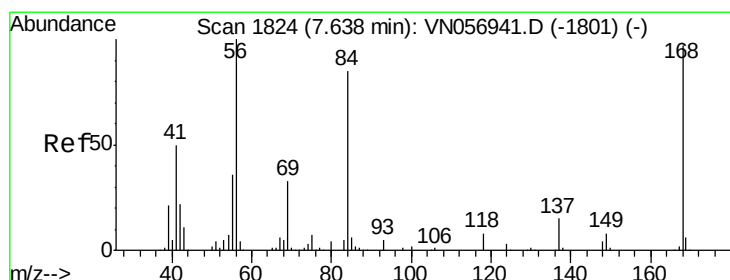
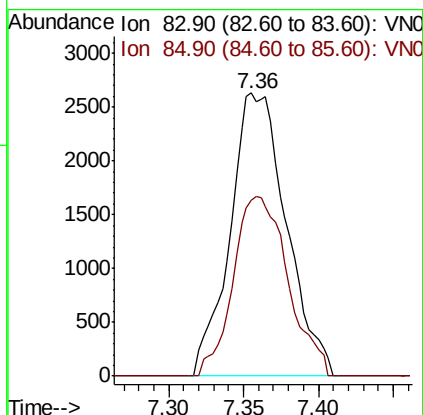
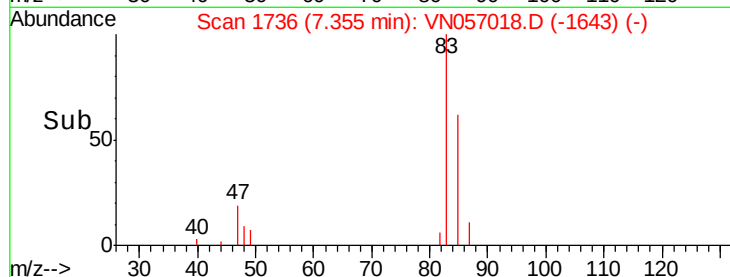
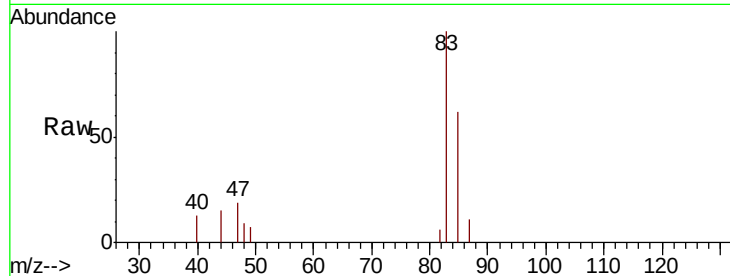




#30
Chloroform
Concen: 0.682 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

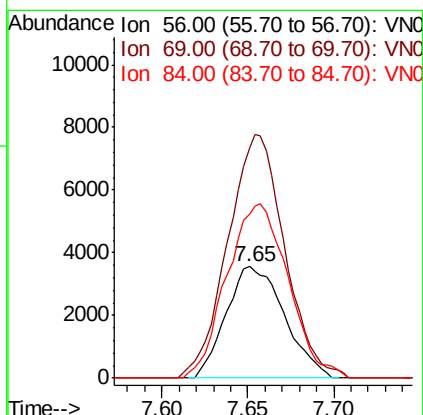
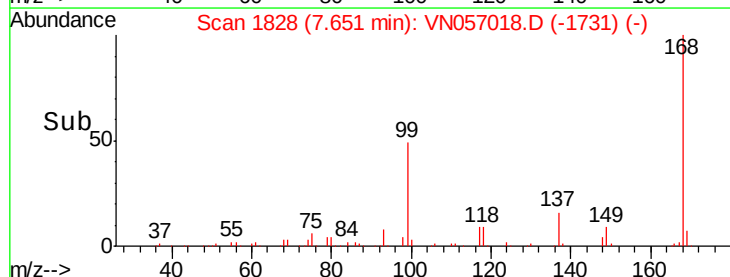
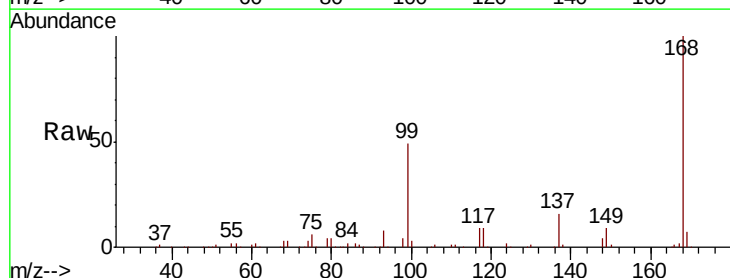
Instrument :
MSVOA_N
ClientSampleId :
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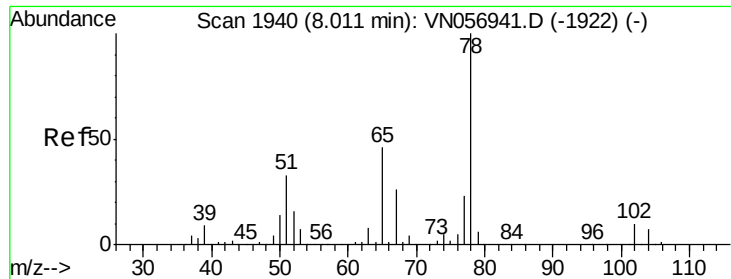
Tot Ion: 83 Resp: 6885
Ion Ratio Lower Upper
83 100
85 61.9 52.2 78.2



#31
Cyclohexane
Concen: 0.878 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

Tgt Ion: 56 Resp: 8395
Ion Ratio Lower Upper
56 100
69 200.8 26.2 39.2#
84 143.7 68.2 102.2#

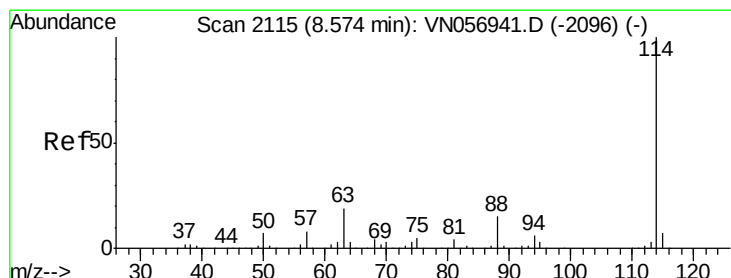
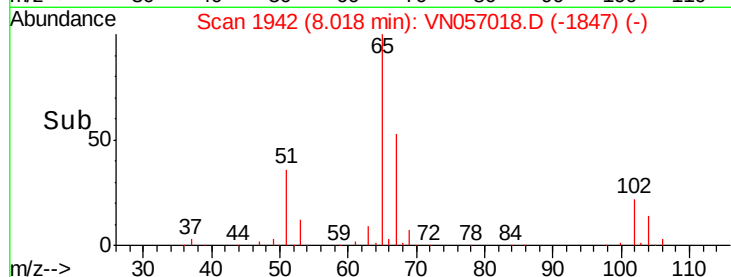
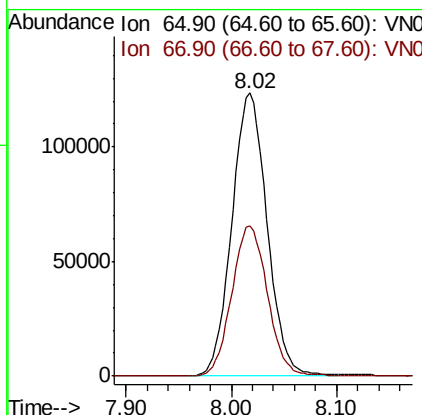
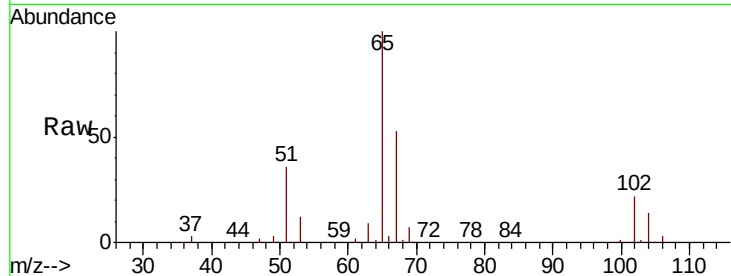




#33
 1,2-Dichloroethane-d4
 Concen: 49.295 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

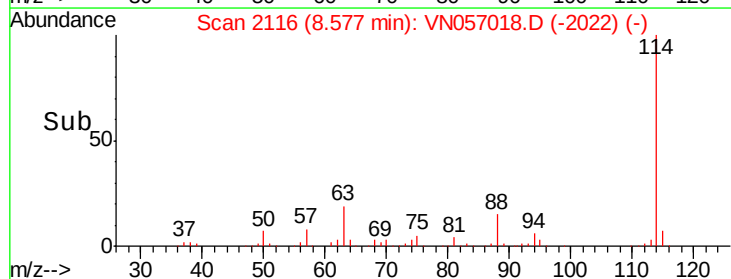
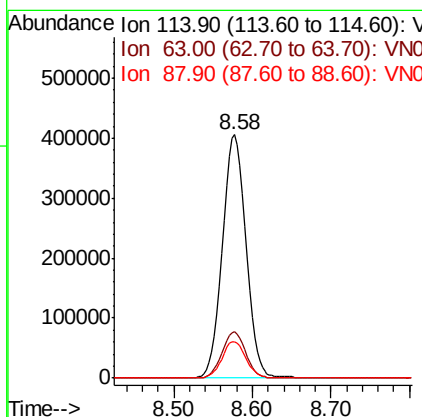
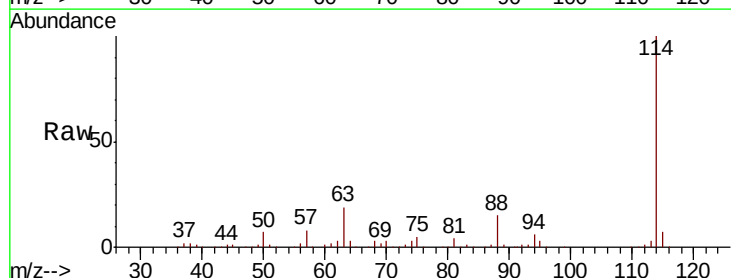
Instrument :
 MSVOA_N
 ClientSampled :
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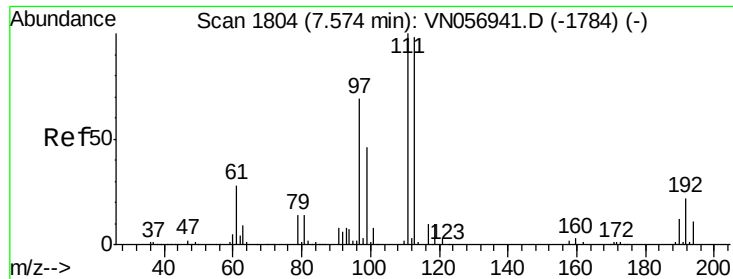
Tot Ion: 65 Resp: 286753
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

Tgt Ion: 114 Resp: 842537
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 14.9 0.0 30.0

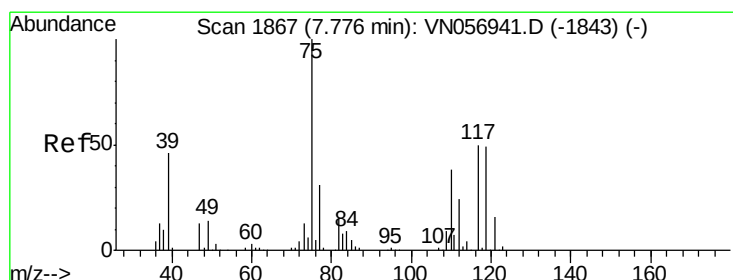
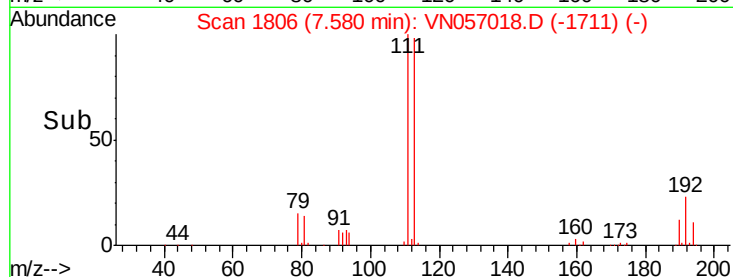
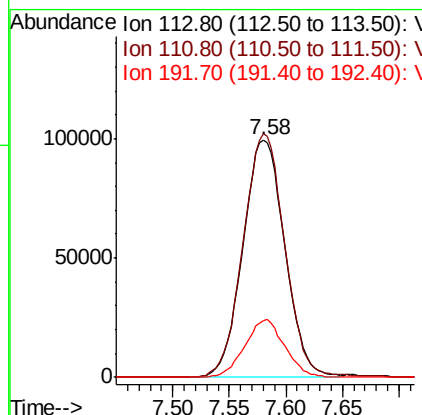
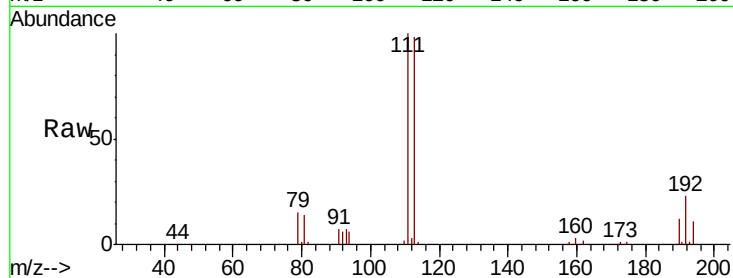




#35
 Dibromofluoromethane
 Concen: 47.567 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

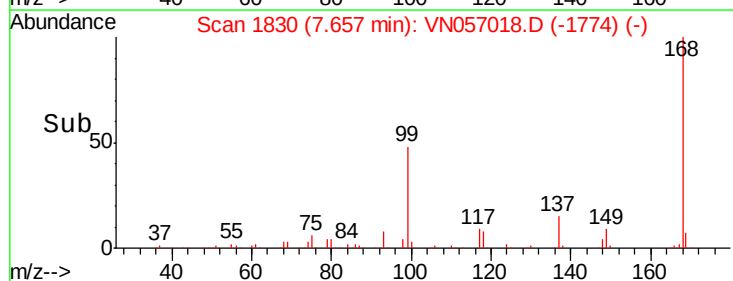
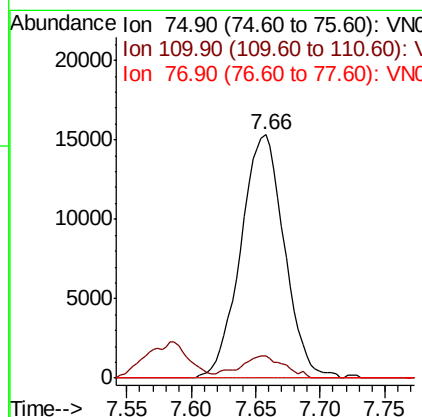
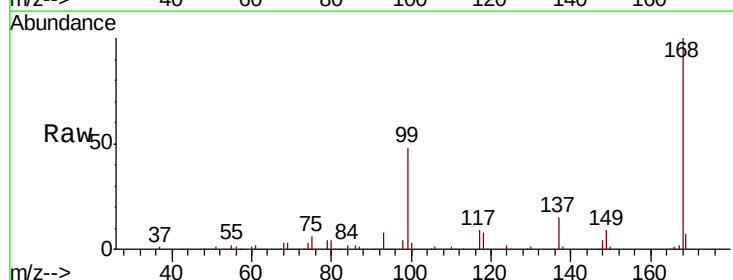
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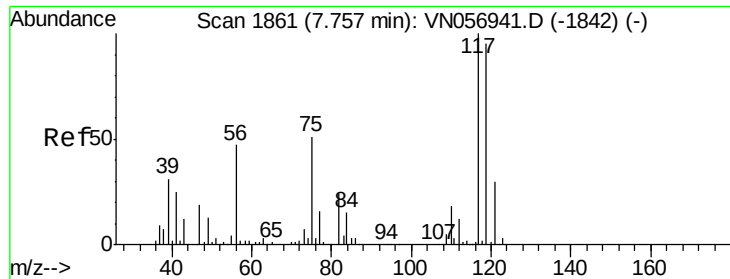
Tot Ion:113 Resp: 256558
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 23.2 18.4 27.6



#36
 1,1-Dichloropropene
 Concen: 4.870 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.12 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

Tgt Ion: 75 Resp: 36106
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.6 55.8#
 77 0.0 25.2 37.8#

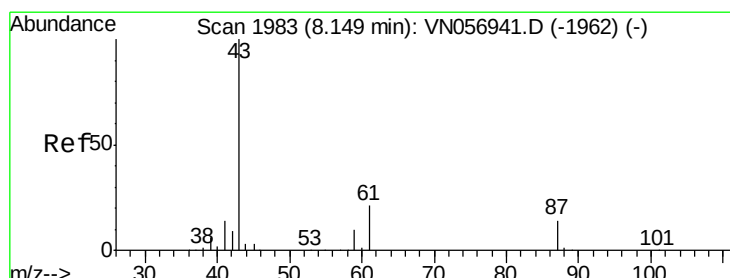
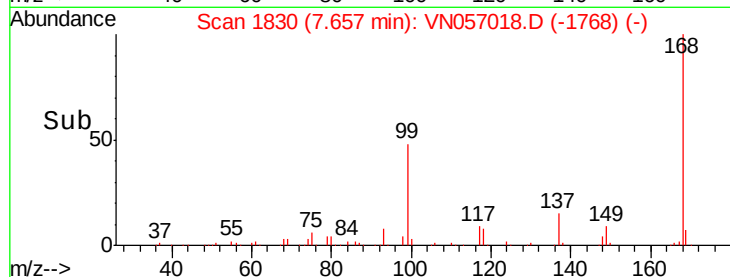
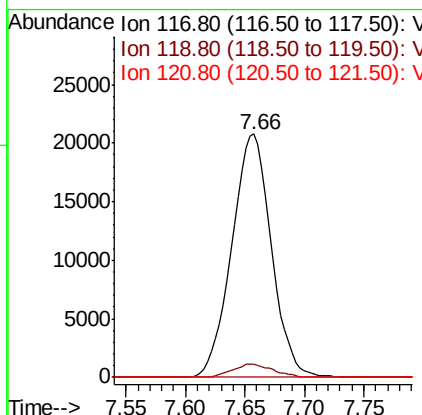
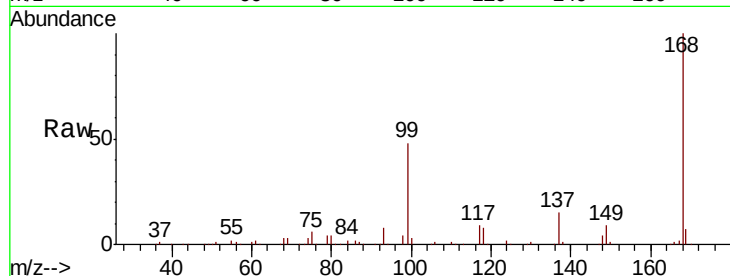




#38
 Carbon Tetrachloride
 Concen: 6.807 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.10 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

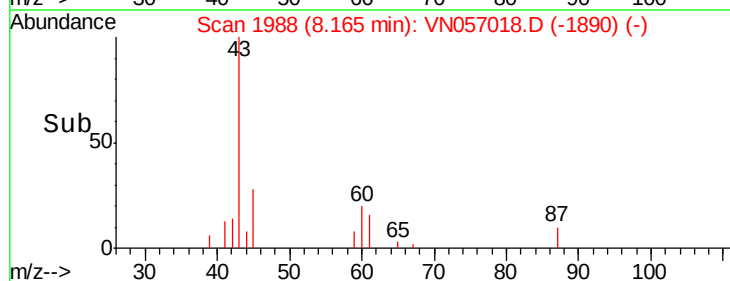
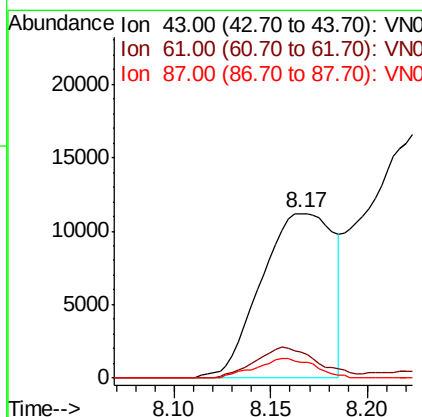
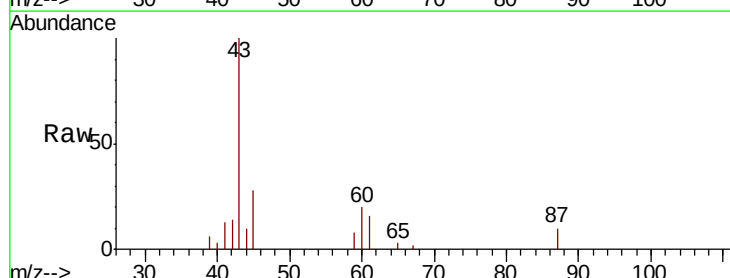
Instrument :
 MSVOA_N
 ClientSampled :
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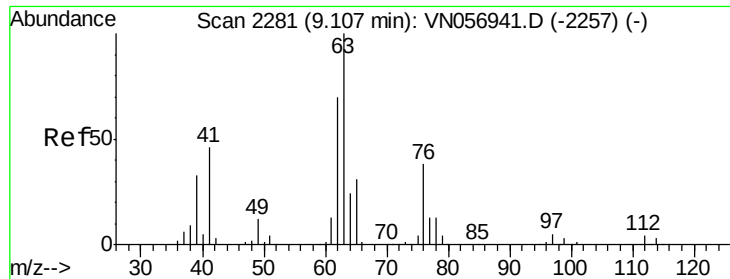
Tot Ion:117 Resp: 47734
 Ion Ratio Lower Upper
 117 100
 119 5.3 75.3 112.9#
 121 0.0 24.2 36.4#



#43
 Isopropyl Acetate
 Concen: 2.979 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.02 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

Tgt Ion: 43 Resp: 29237
 Ion Ratio Lower Upper
 43 100
 61 16.2 23.0 34.6#
 87 9.7 11.7 17.5#

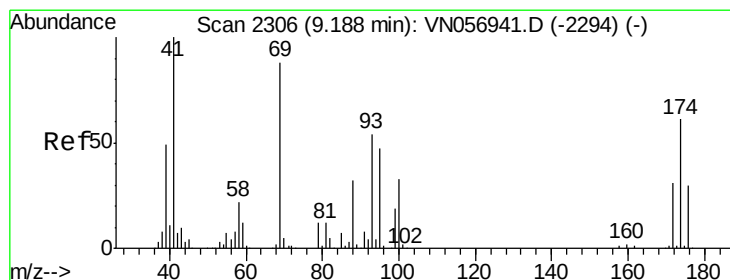
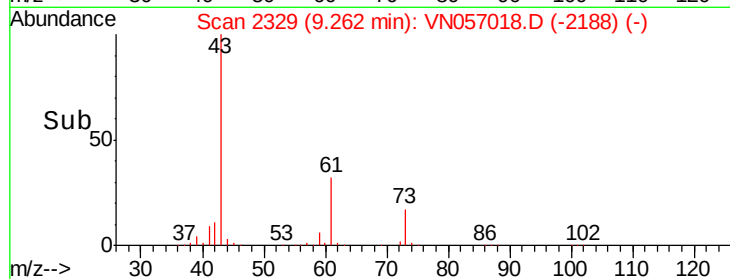
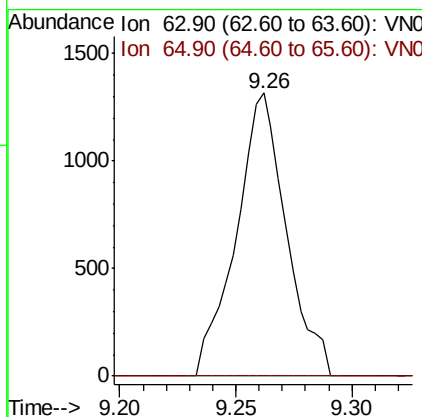
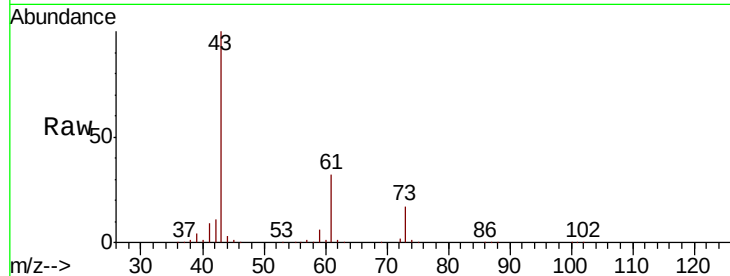




#45
 1,2-Dichloropropane
 Concen: 0.325 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

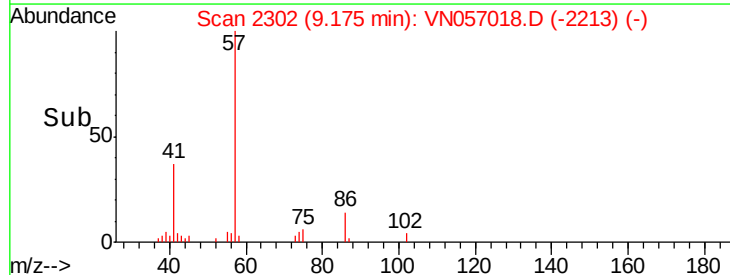
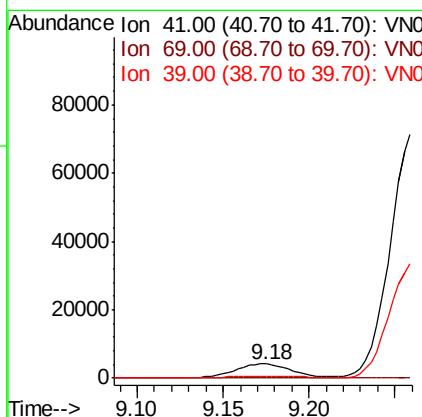
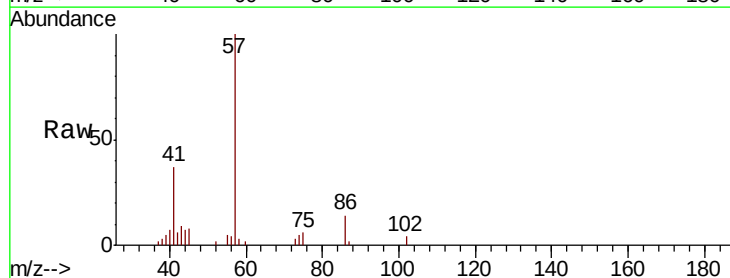
Instrument :
 MSVOA_N
 ClientSampled :
 TP-12

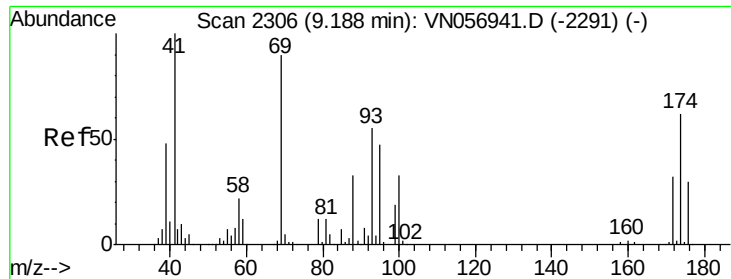
Tot Ion: 63 Resp: 1982
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 2.039 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

Tgt Ion: 41 Resp: 9662
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.4 110.0#
 39 0.0 39.9 59.9#





#49

1,4-Dioxane

Concen: 1.700 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.07 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

TP-12

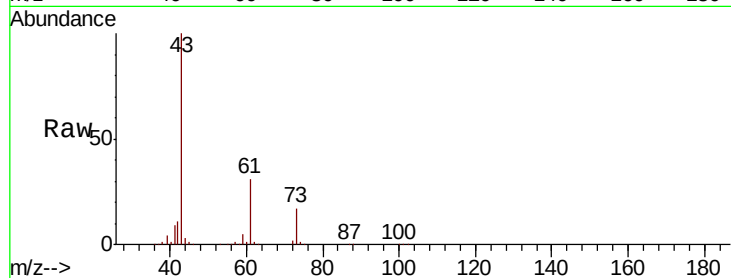
Tot Ion: 88 Resp: 166

Ion Ratio Lower Upper

88 100

43 882714.5 22.2 33.2#

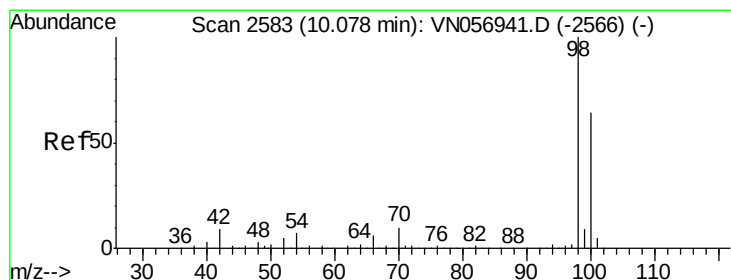
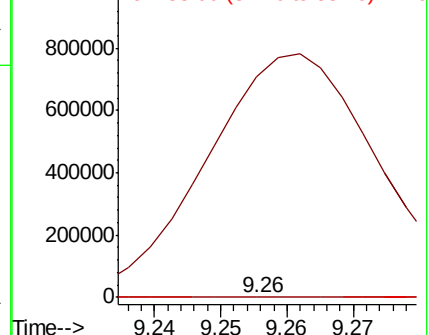
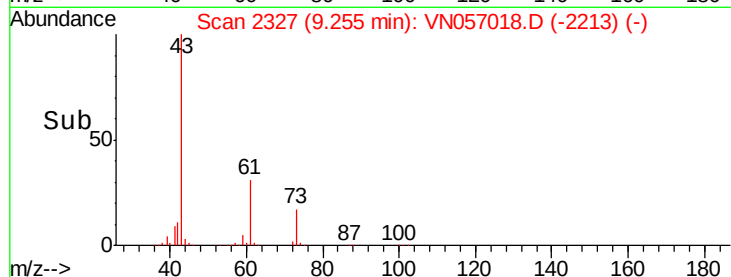
58 4425.3 54.1 81.1#



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: 48.160 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.01 min

Lab File: VN057018.D

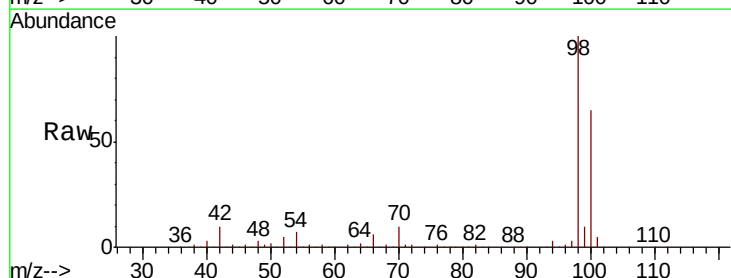
Acq: 31 Jul 2019 16:37

Tgt Ion: 98 Resp: 990583

Ion Ratio Lower Upper

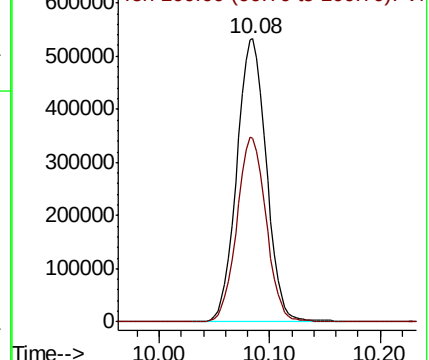
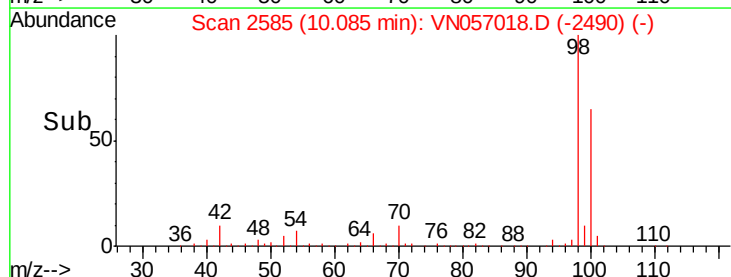
98 100

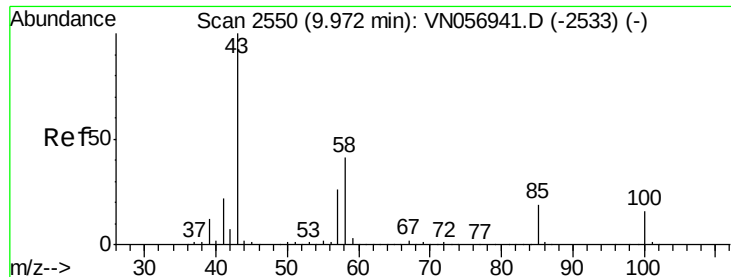
100 64.5 51.3 76.9



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: 0.726 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

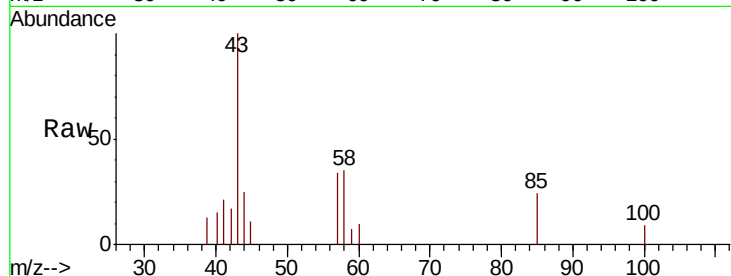
TP-12

Tot Ion: 43 Resp: 4234

Ion Ratio Lower Upper

43 100

58 41.2 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

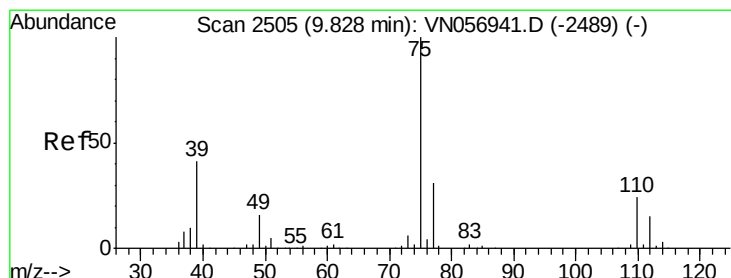
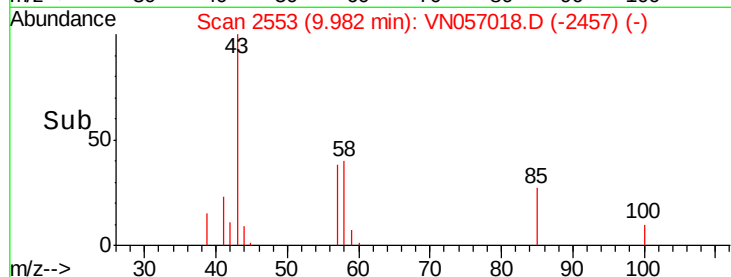
9.94

9.96

9.98

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.595 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

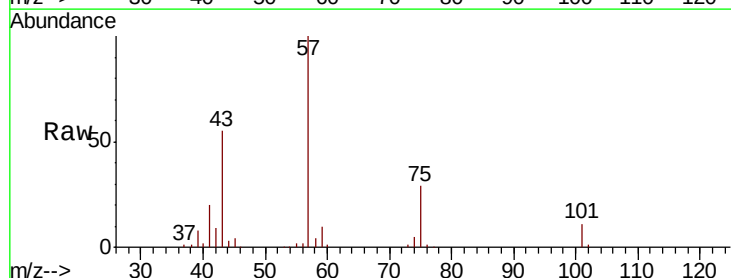
Tgt Ion: 75 Resp: 57630

Ion Ratio Lower Upper

75 100

77 0.5 25.0 37.6#

39 27.0 32.6 49.0#



Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN056941.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN056941.D (-2489) (-)

40000

30000

20000

10000

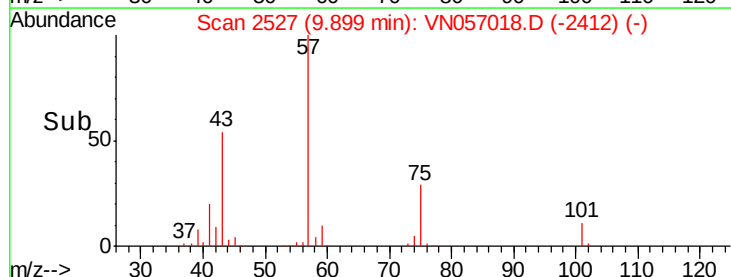
0

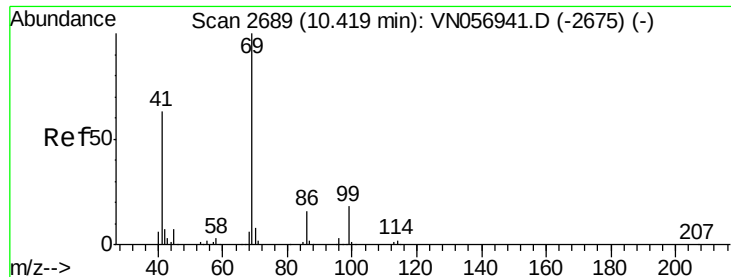
9.85

9.90

9.95

Time-->





#56

Ethyl methacrylate

Concen: 1.900 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

TP-12

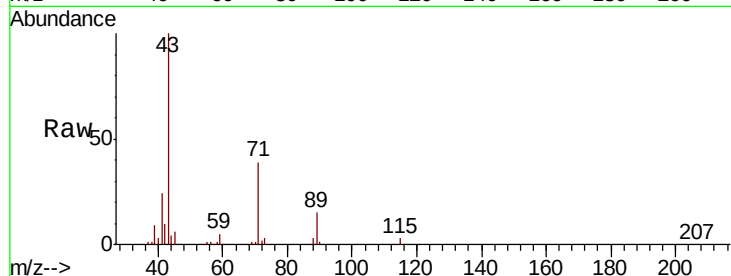
Tot Ion: 69 Resp: 1203

Ion Ratio Lower Upper

69 100

41 3020.4 49.2 73.8#

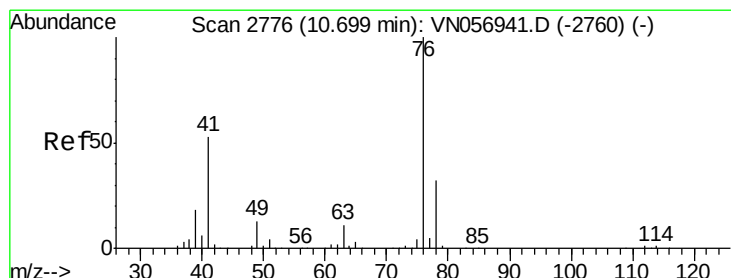
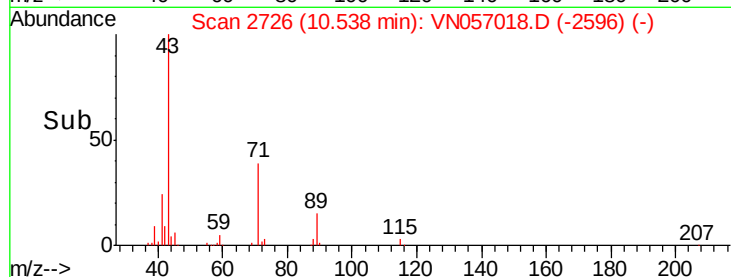
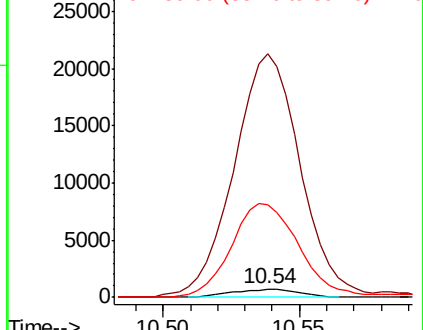
39 1174.7 23.1 34.7#



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: 1.386 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.06 min

Lab File: VN057018.D

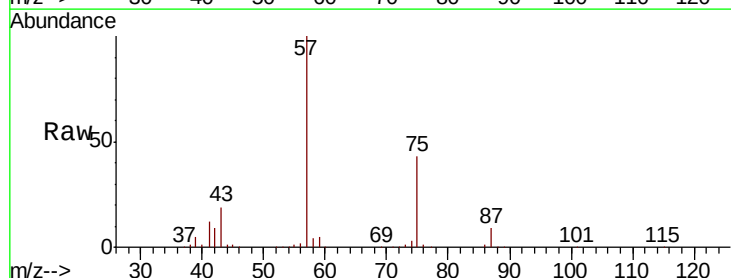
Acq: 31 Jul 2019 16:37

Tgt Ion: 76 Resp: 12648

Ion Ratio Lower Upper

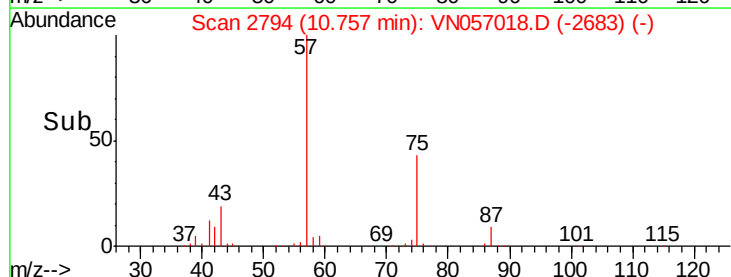
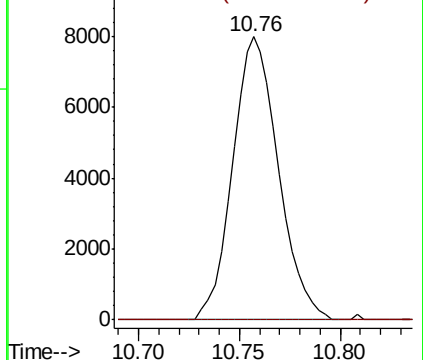
76 100

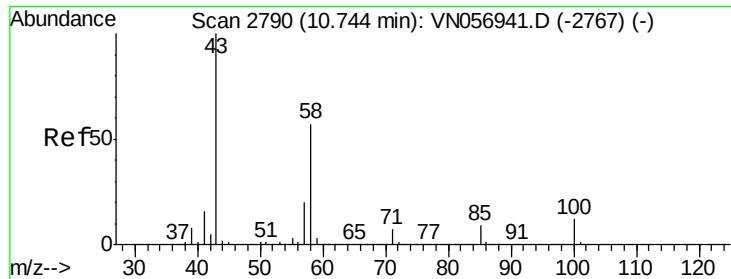
78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

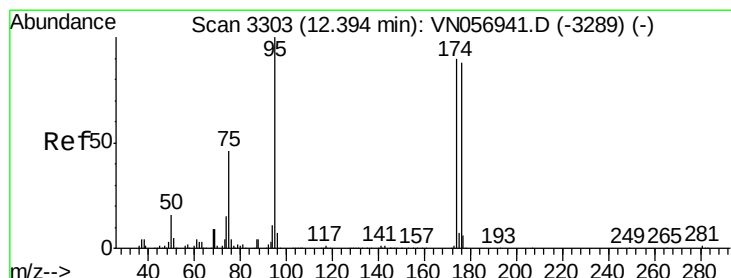
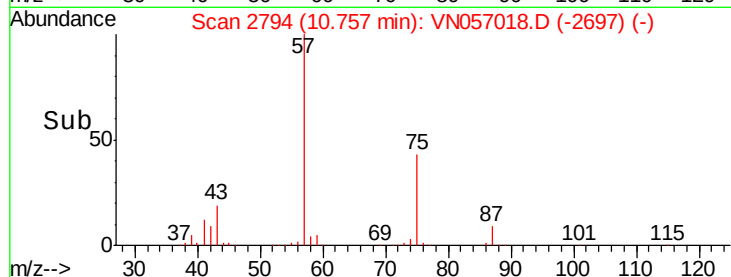
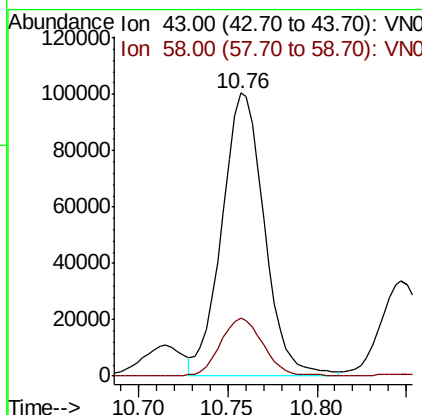
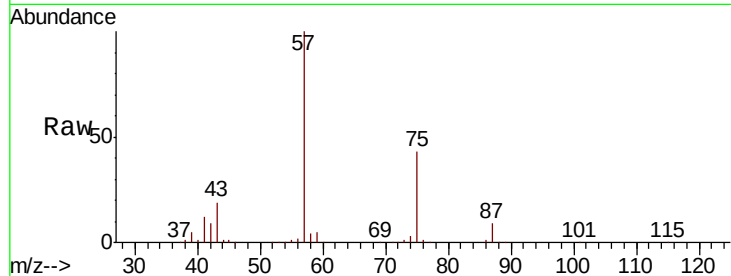




#59
2-Hexanone
Concen: 38.857 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

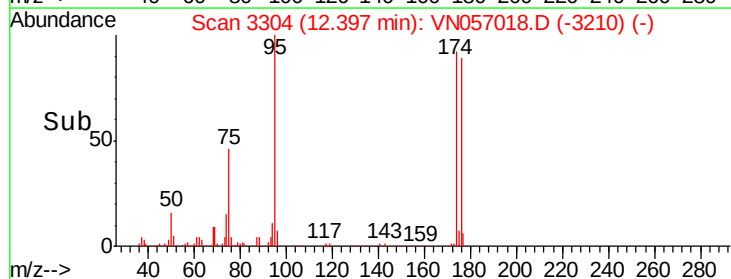
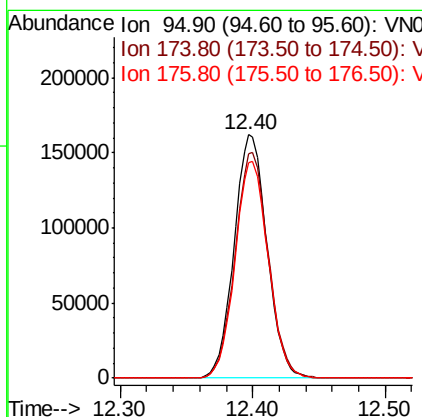
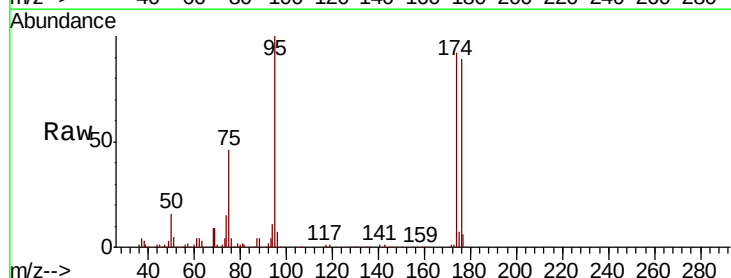
Instrument :
MSVOA_N
ClientSampled :
TP-12

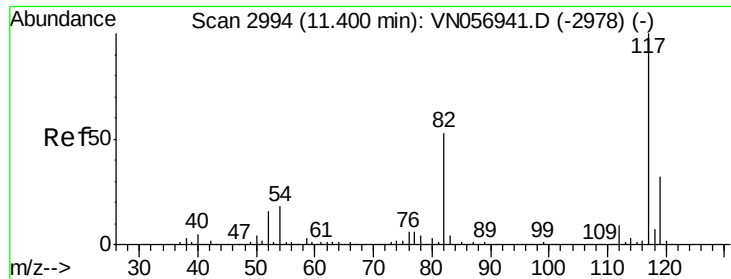
Tot Ion: 43 Resp: 164912
Ion Ratio Lower Upper
43 100
58 21.0 28.5 85.5#



#62
4-Bromofluorobenzene
Concen: 41.663 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

Tgt Ion: 95 Resp: 278976
Ion Ratio Lower Upper
95 100
174 93.7 0.0 182.2
176 90.0 0.0 179.4

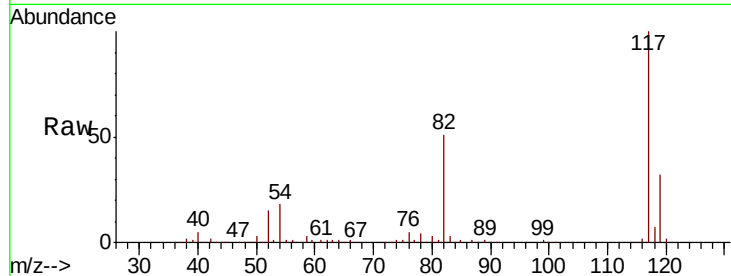




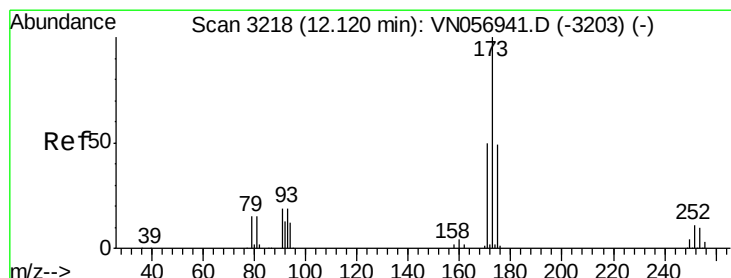
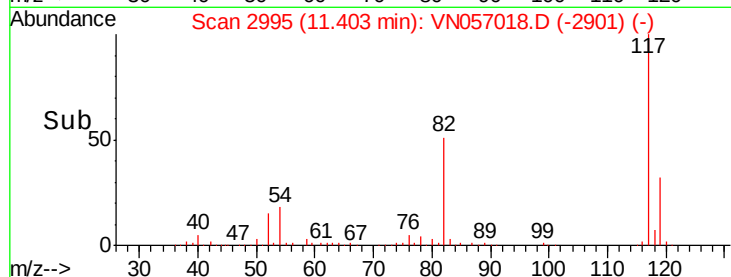
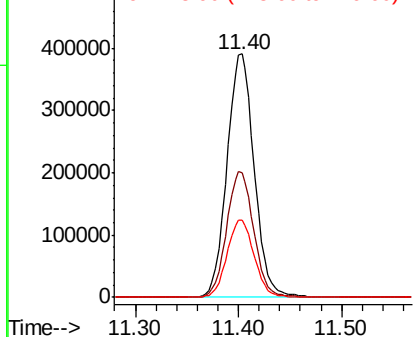
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

Instrument :
MSVOA_N
ClientSampled :
TP-12

Tot Ion:117 Resp: 717434
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.4
119 31.6 25.8 38.6

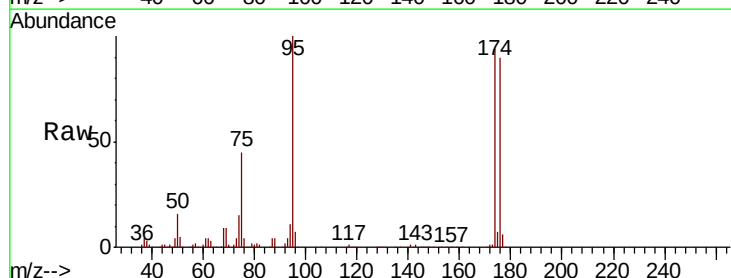


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

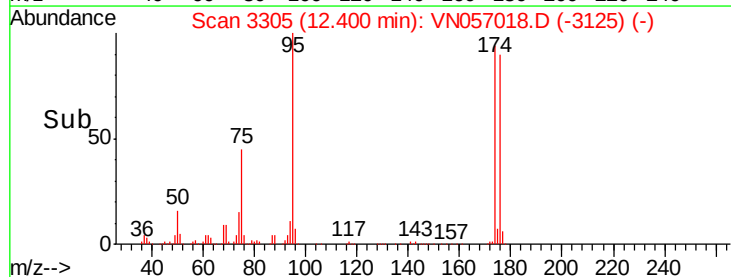
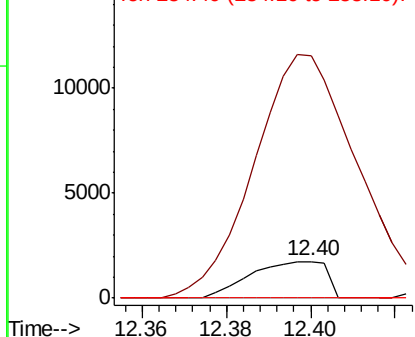


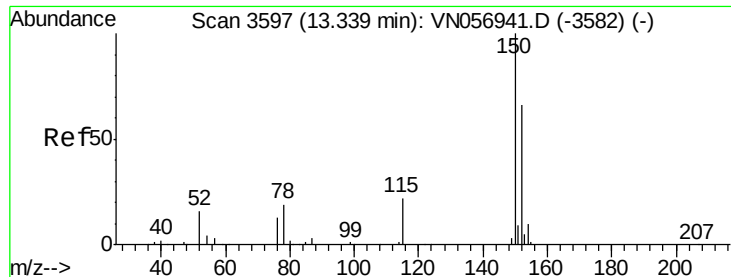
#71
Bromoform
Concen: 0.563 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN057018.D
Acq: 31 Jul 2019 16:37

Tgt Ion:173 Resp: 2164
Ion Ratio Lower Upper
173 100
175 710.7 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: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

TP-12

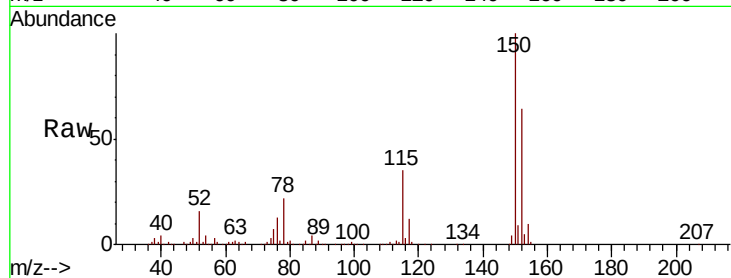
Tot Ion:152 Resp: 233680

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.6

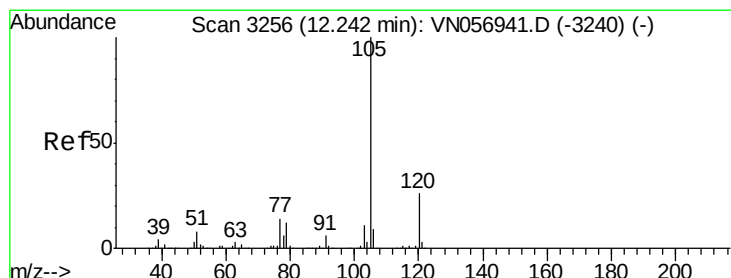
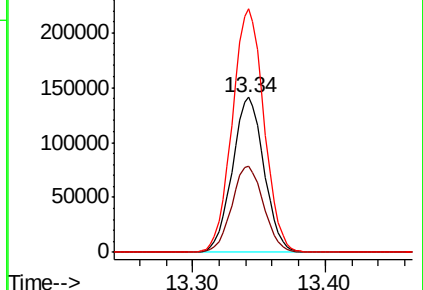
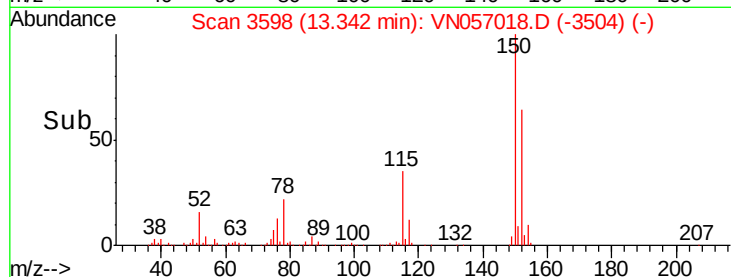
150 157.5 0.0 349.4



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



#73

Isopropylbenzene

Concen: 0.215 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057018.D

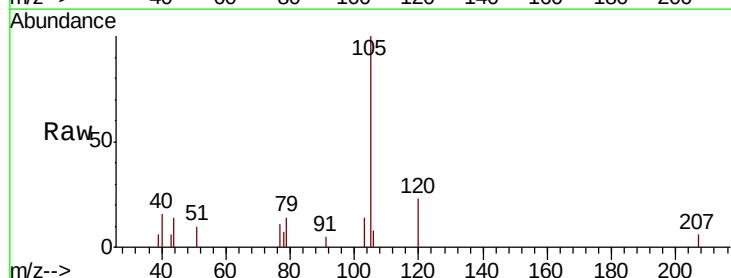
Acq: 31 Jul 2019 16:37

Tgt Ion:105 Resp: 4342

Ion Ratio Lower Upper

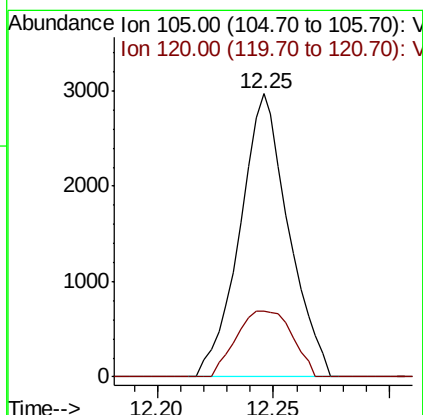
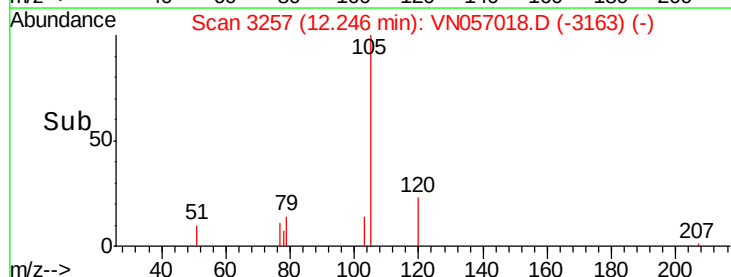
105 100

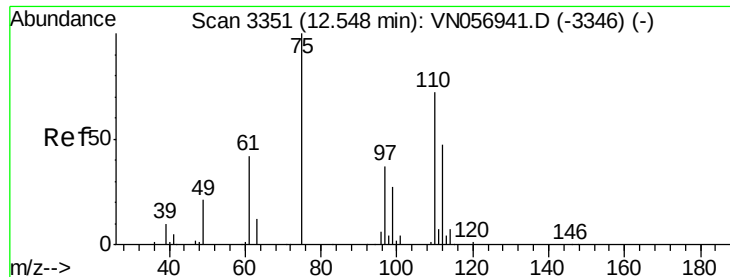
120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 26.829 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

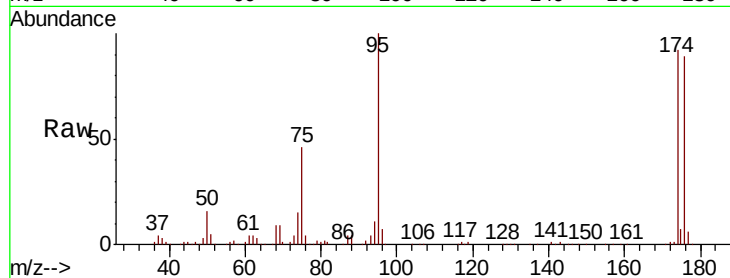
TP-12

Tot Ion: 75 Resp: 127321

Ion Ratio Lower Upper

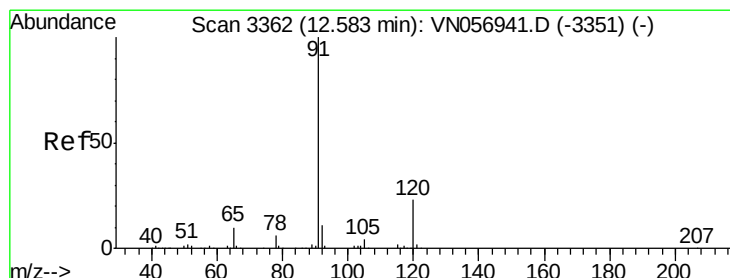
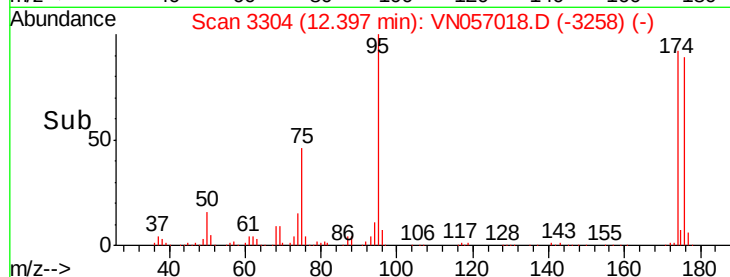
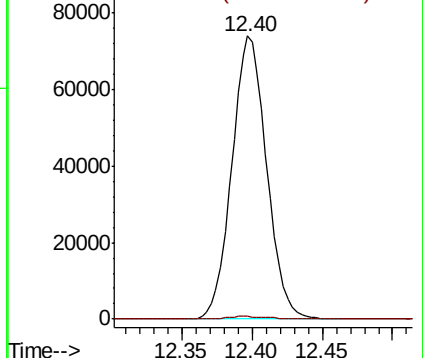
75 100

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



#78

n-propylbenzene

Concen: 0.419 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057018.D

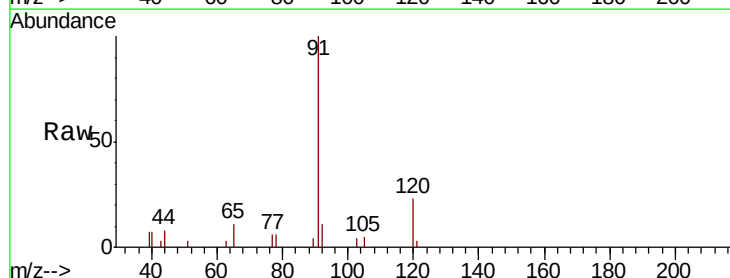
Acq: 31 Jul 2019 16:37

Tgt Ion: 91 Resp: 9034

Ion Ratio Lower Upper

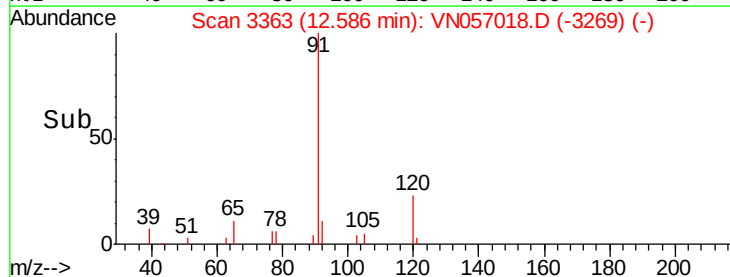
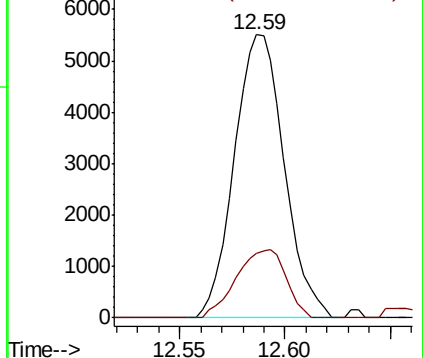
91 100

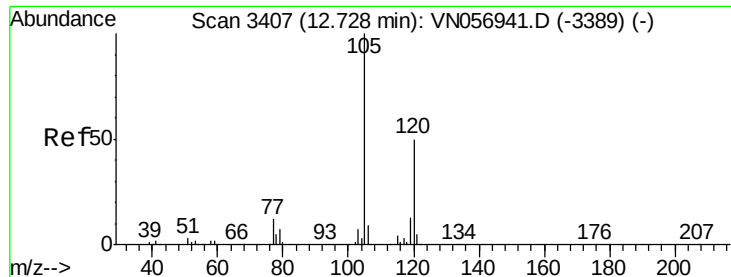
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.257 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

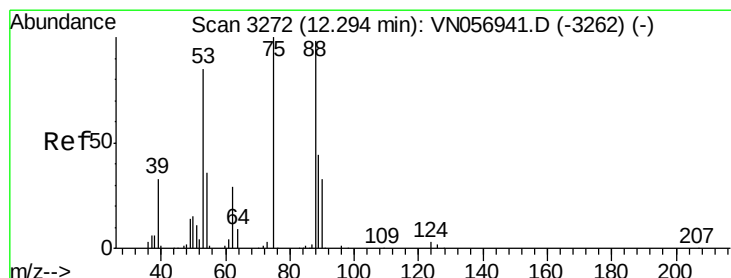
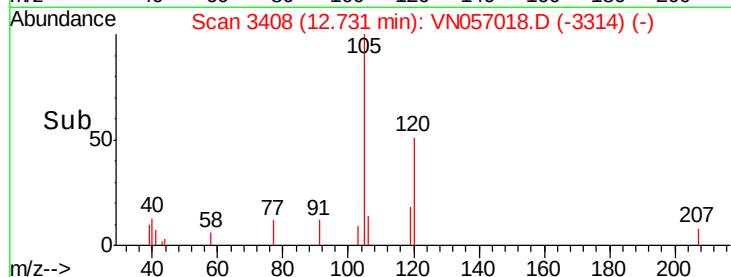
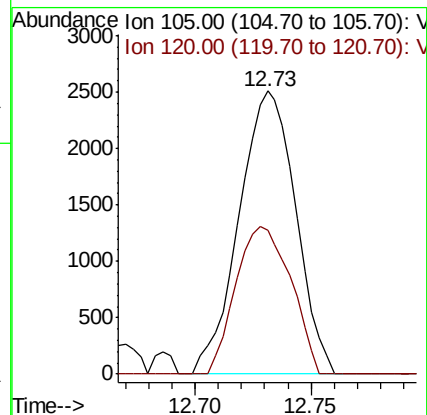
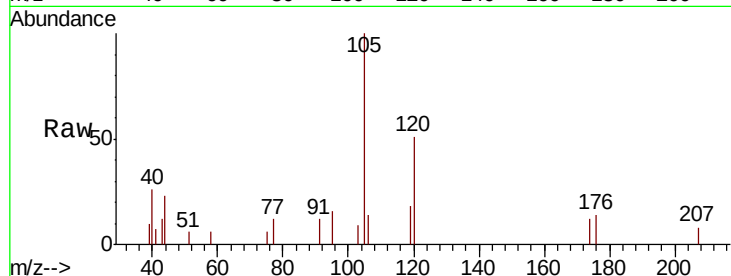
TP-12

Tot Ion:105 Resp: 4258

Ion Ratio Lower Upper

105 100

120 50.8 24.8 74.3



#81

trans-1,4-Dichloro-2-butene

Concen: 86.201 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

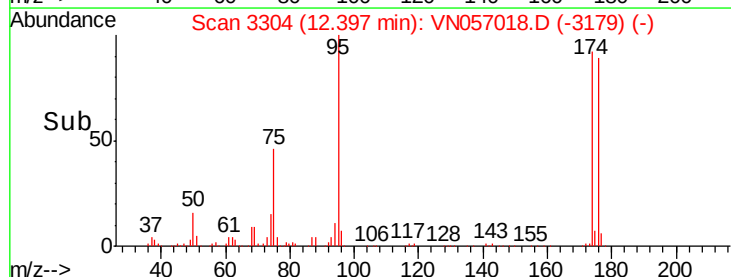
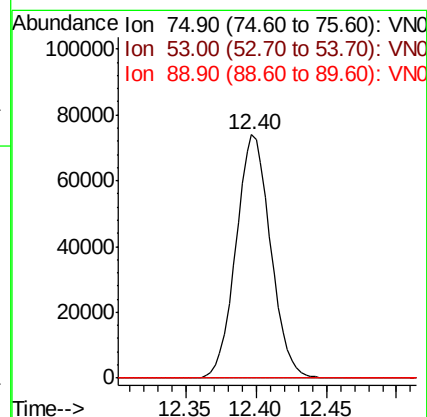
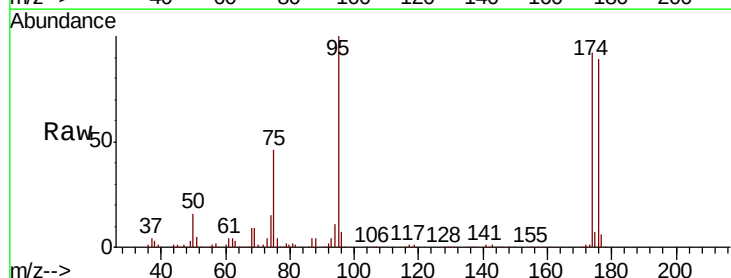
Tgt Ion: 75 Resp: 127321

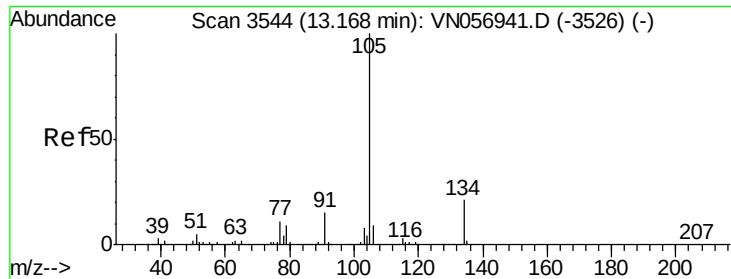
Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

89 0.0 35.8 53.6#





#85

sec-Butylbenzene

Concen: 0.460 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

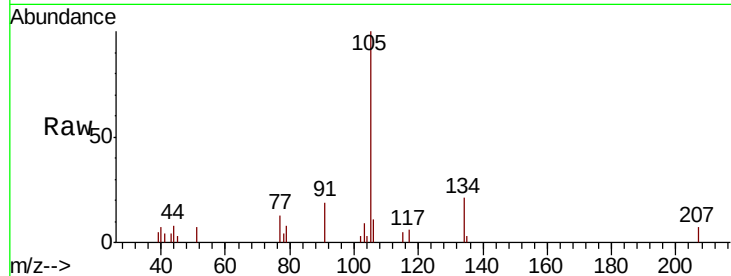
TP-12

Tot Ion:105 Resp: 8700

Ion Ratio Lower Upper

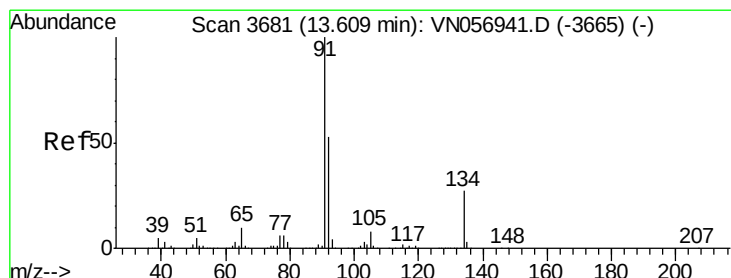
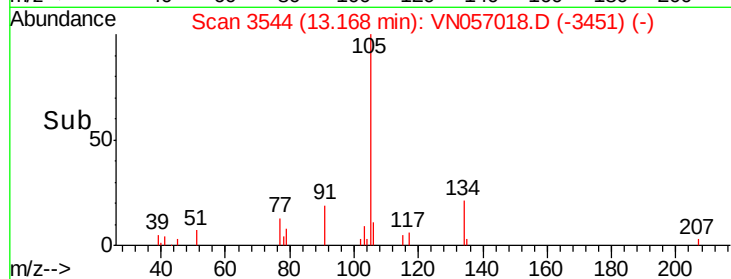
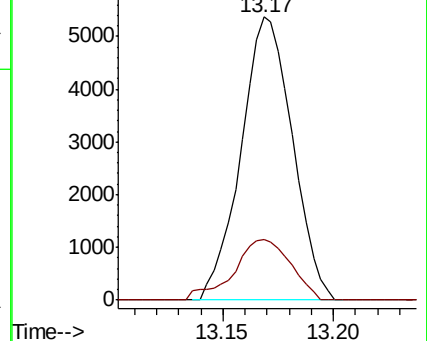
105 100

134 23.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.292 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

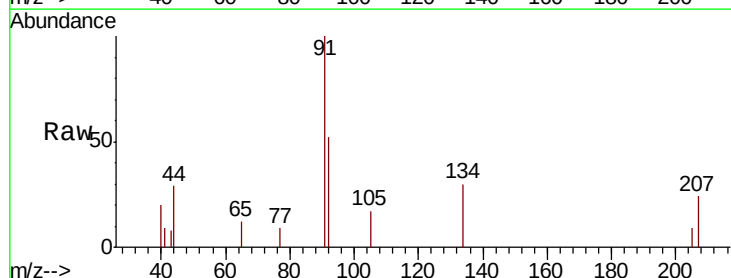
Tgt Ion: 91 Resp: 3787

Ion Ratio Lower Upper

91 100

92 48.0 26.2 78.5

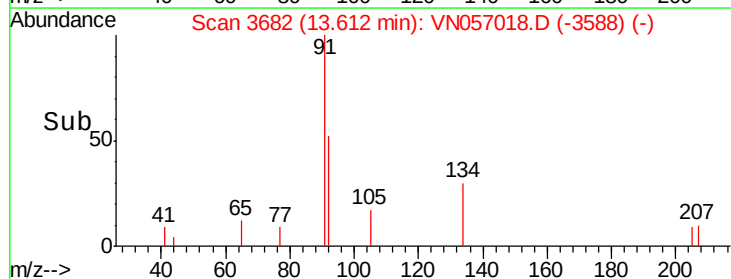
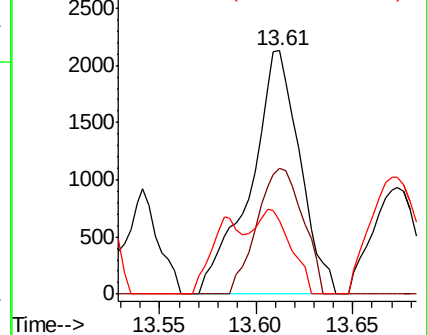
134 24.4 13.5 40.4

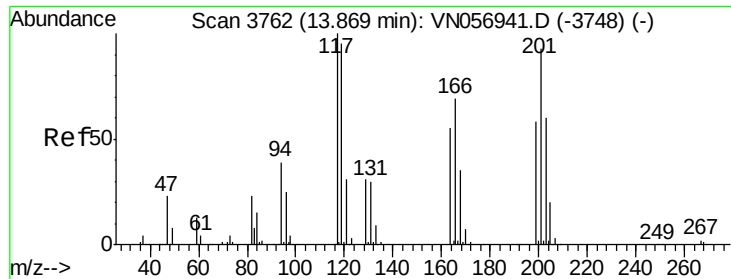


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.053 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.02 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

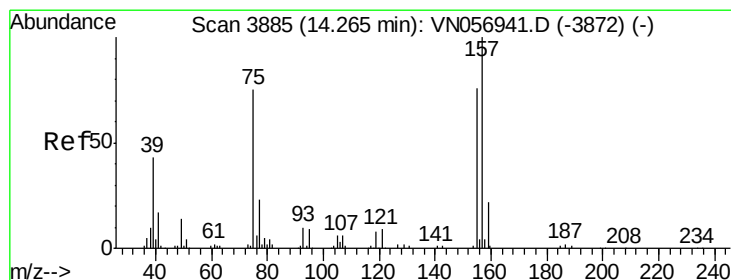
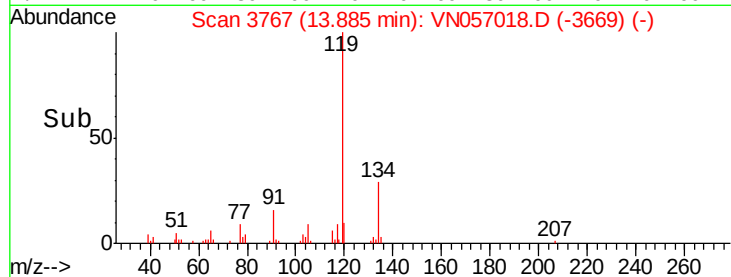
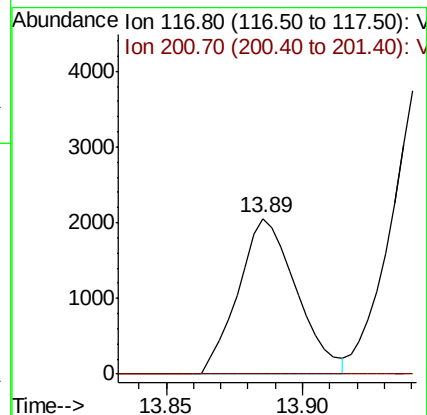
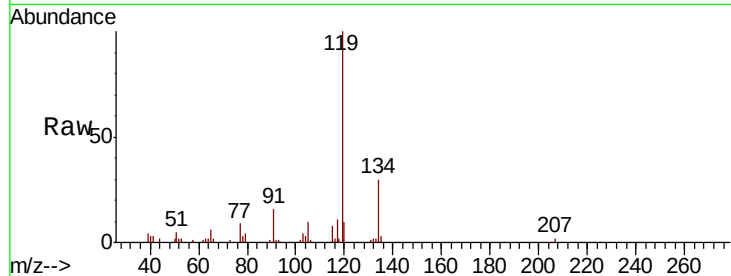
TP-12

Tot Ion:117 Resp: 3046

Ion Ratio Lower Upper

117 100

201 0.0 47.0 141.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.308 ug/l

RT: 14.47 min Scan# 3948

Delta R.T. 0.20 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

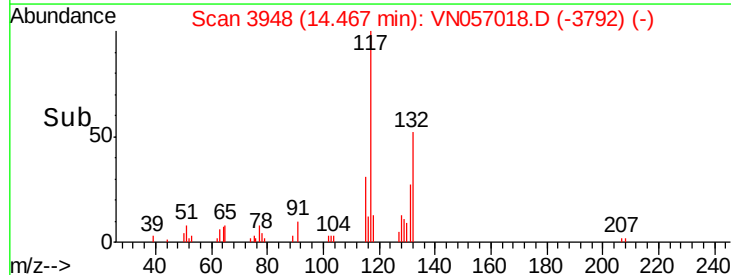
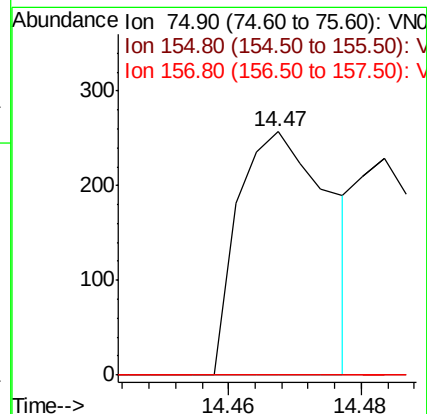
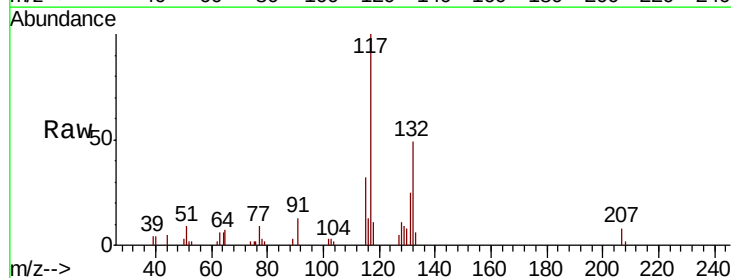
Tgt Ion: 75 Resp: 247

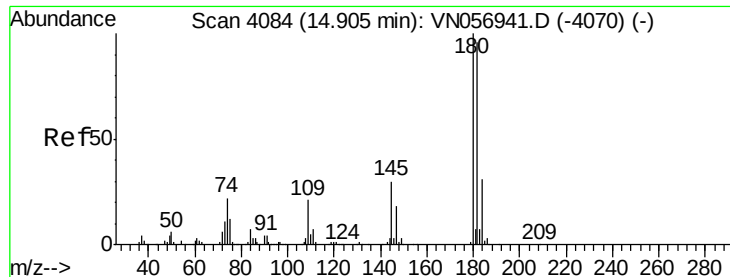
Ion Ratio Lower Upper

75 100

155 0.0 50.2 150.6#

157 0.0 65.1 195.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.726 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. 0.00 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

Instrument :

MSVOA_N

ClientSampled :

TP-12

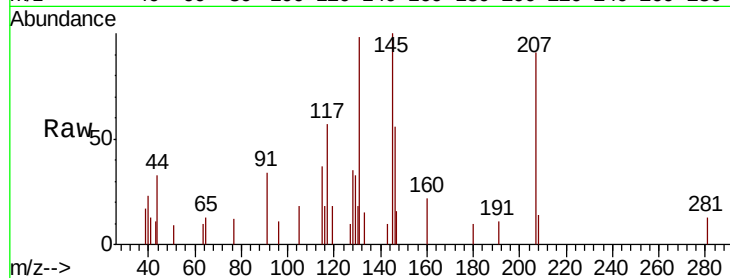
Tot Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.8#

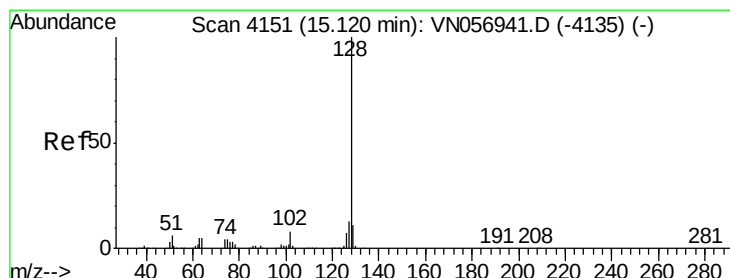
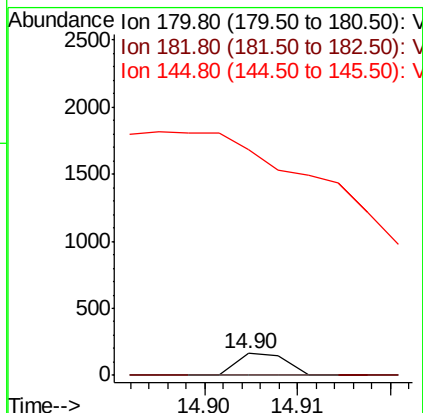
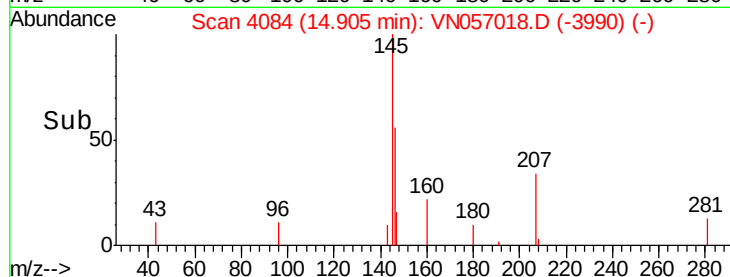
145 6273.3 14.2 42.8#



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: 3.754 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057018.D

Acq: 31 Jul 2019 16:37

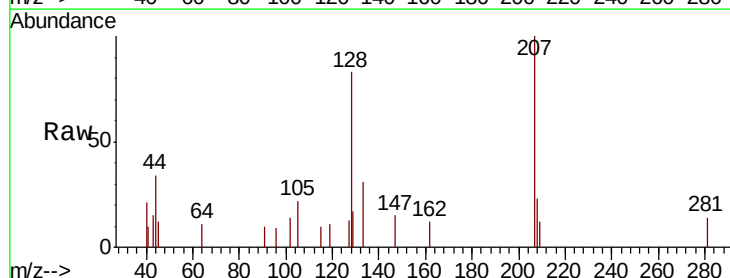
Tgt Ion:128 Resp: 1773

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

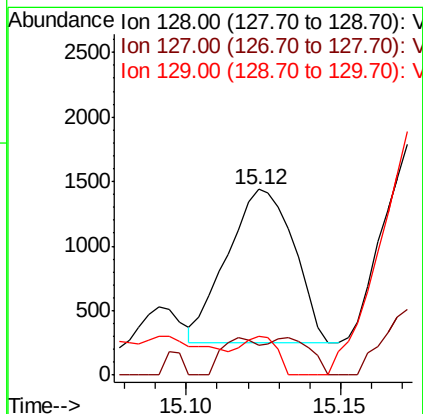
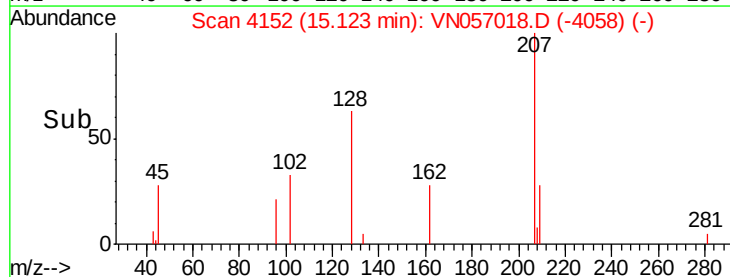
129 0.0 8.7 13.1#

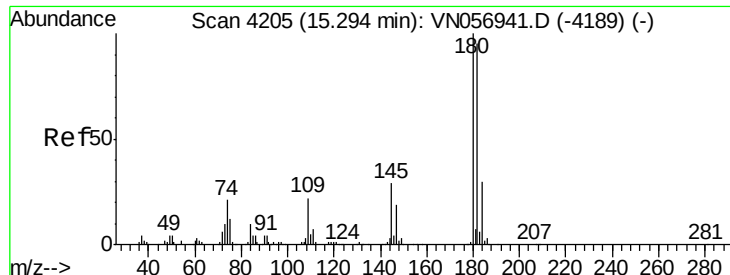


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.080 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.00 min
 Lab File: VN057018.D
 Acq: 31 Jul 2019 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12

Tot Ion:180 Resp: 129
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.2#
 145 2055.0 15.0 45.0#

