

Data File : VN057393.D
Acq On : 19 Aug 2019 12:18
Operator : JC/SP
Sample : K4339-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T8-A1-(0)

Quant Time: Aug 20 07:10:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1080187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1511684	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1272339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	329717	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	493779	42.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.10%	
35) Dibromofluoromethane	7.58	113	454737	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
50) Toluene-d8	10.09	98	1748763	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	462587	36.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.24%	

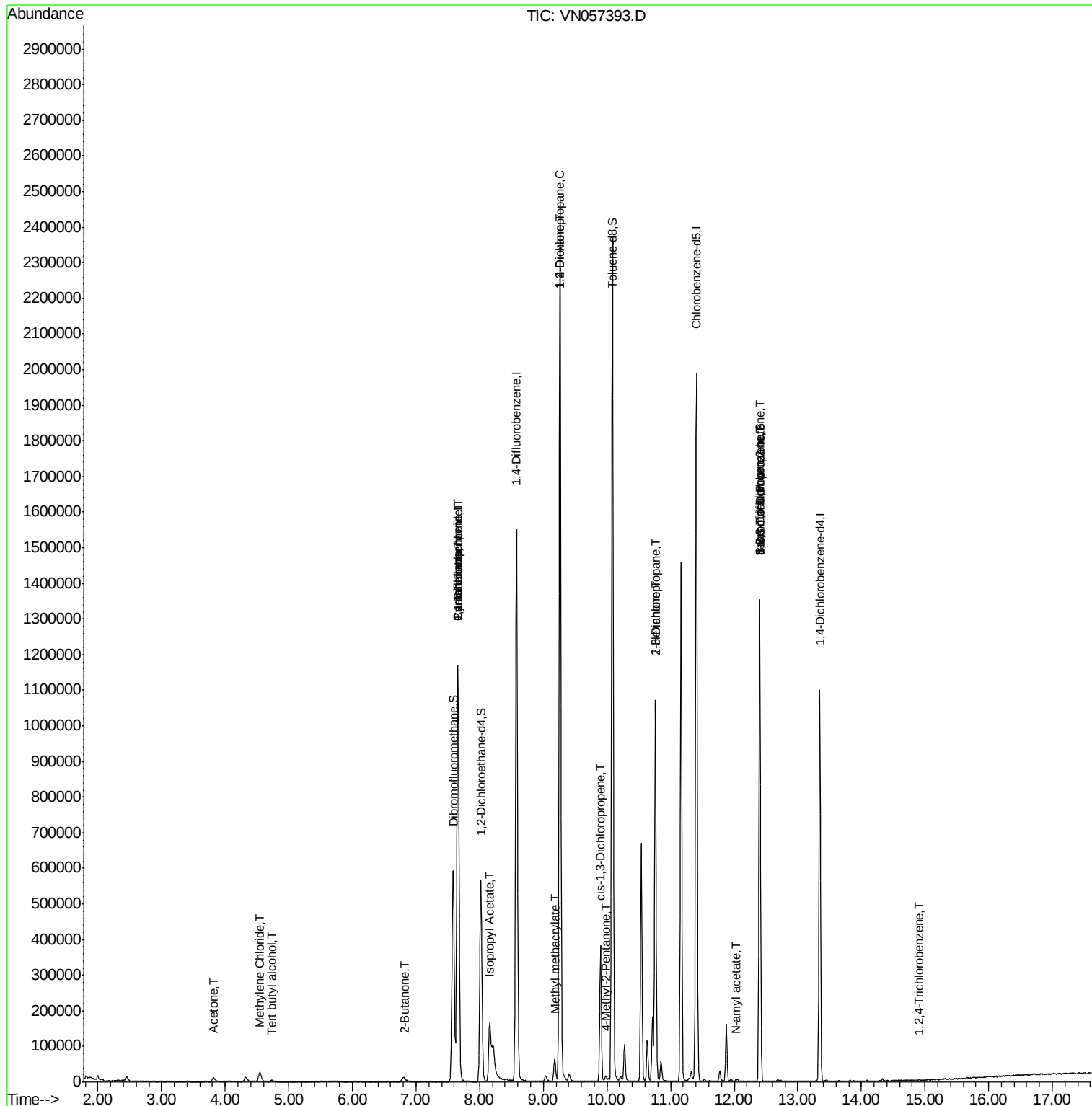
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.73	59	5057	3.029 ug/l #	73	
16) Acetone	3.81	43	7478	1.836 ug/l #	86	
18) Methyl Acetate	4.31	43	25590	Below Cal	98	
20) Methylene Chloride	4.55	84	22664	1.989 ug/l #	84	
25) 2-Butanone	6.82	43	1639	0.278 ug/l #	86	
31) Cyclohexane	7.66	56	15733	0.983 ug/l #	1	
36) 1,1-Dichloropropene	7.66	75	64901	4.863 ug/l #	47	
38) Carbon Tetrachloride	7.66	117	91679	6.611 ug/l #	16	
43) Isopropyl Acetate	8.16	43	207458	9.462 ug/l #	85	
45) 1,2-Dichloropropane	9.27	63	3564	0.339 ug/l #	44	
48) Methyl methacrylate	9.18	41	8913	0.990 ug/l #	11	
49) 1,4-Dioxane	9.27	88	422	2.229 ug/l #	1	
51) 4-Methyl-2-Pentanone	9.98	43	10726	0.951 ug/l	99	
54) cis-1,3-Dichloropropene	9.90	75	76991	4.641 ug/l #	62	
57) 1,3-Dichloropropane	10.76	76	11906	0.713 ug/l #	43	
59) 2-Hexanone	10.76	43	145102	17.896 ug/l #	52	
71) Bromoform	12.40	173	2903	0.370 ug/l #	1	
73) Isopropylbenzene	12.24	105	394	Below Cal #	49	
74) N-amyl acetate	12.03	43	4101	0.429 ug/l #	42	
75) 1,1,2,2-Tetrachloroethane	12.40	83	83	Below Cal #	1	
76) 1,2,3-Trichloropropane	12.40	75	211399	31.886 ug/l #	100	
79) 2-Chlorotoluene	12.68	91	502	Below Cal #	39	
80) 1,3,5-Trimethylbenzene	12.74	105	1399	Below Cal	90	
81) trans-1,4-Dichloro-2-buten	12.40	75	211399	78.181 ug/l #	15	
83) tert-Butylbenzene	13.00	119	333	Below Cal #	45	
85) sec-Butylbenzene	13.17	105	821	Below Cal #	55	
93) 1,2,4-Trichlorobenzene	14.92	180	602	5.481 ug/l #	67	
94) Hexachlorobutadiene	15.01	225	30	Below Cal #	1	
95) Naphthalene	15.13	128	687	Below Cal #	69	
96) 1,2,3-Trichlorobenzene	15.29	180	828	Below Cal #	68	

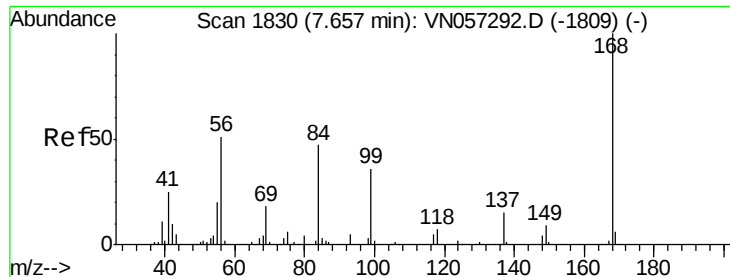
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

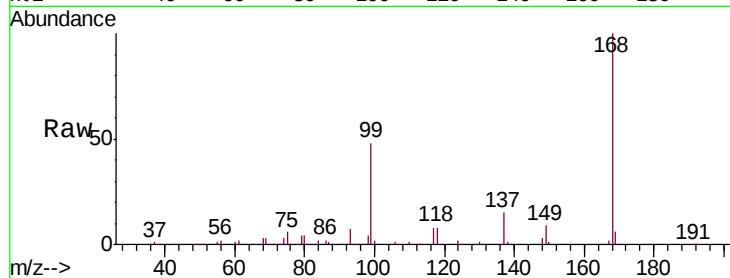
T8-A1-(0)

Tgt Ion:168 Resp: 1080187

Ion Ratio Lower Upper

168 100

99 47.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

400000

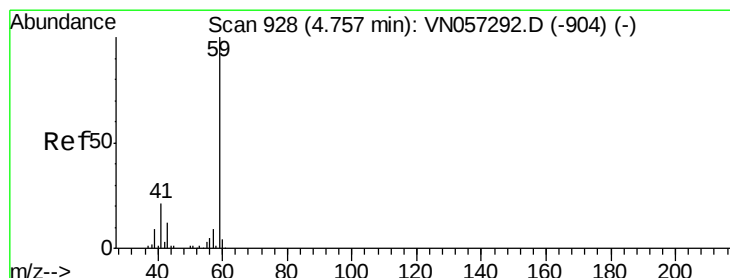
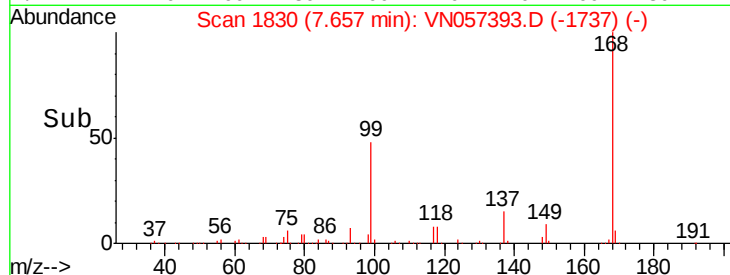
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.029 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.03 min

Lab File: VN057393.D

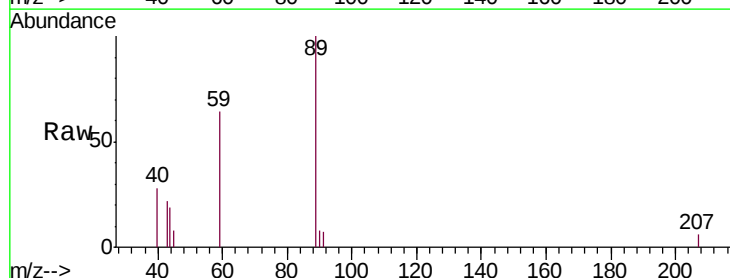
Acq: 19 Aug 2019 12:18

Tgt Ion: 59 Resp: 5057

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

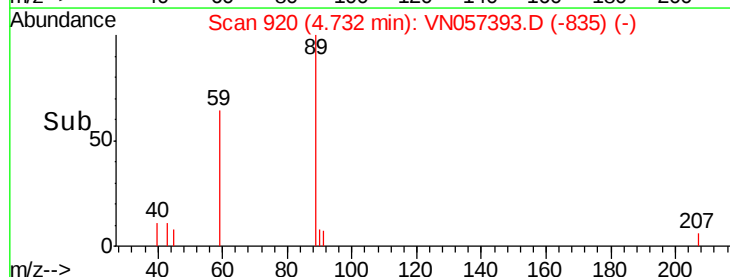
1500

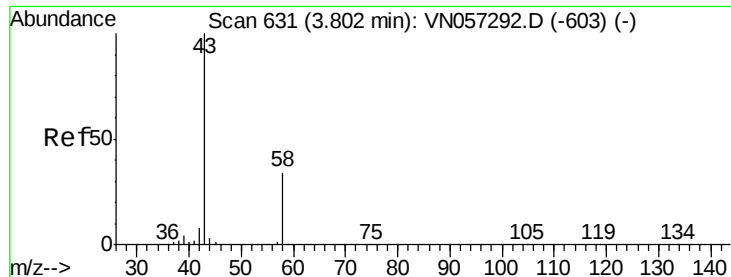
1000

500

0

Time-->





#16

Acetone

Concen: 1.836 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

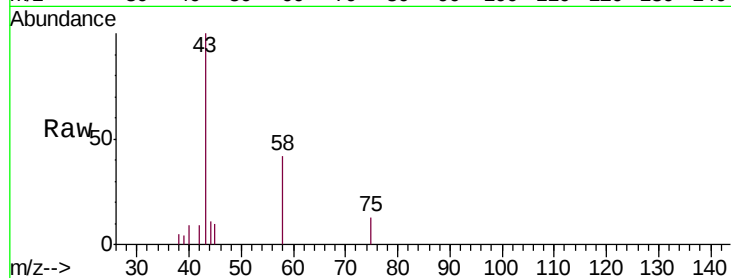
T8-A1-(0)

Tgt Ion: 43 Resp: 7478

Ion Ratio Lower Upper

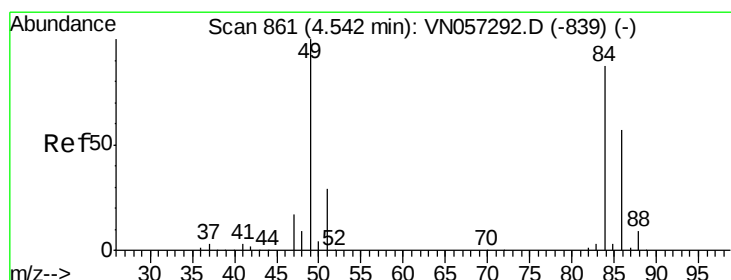
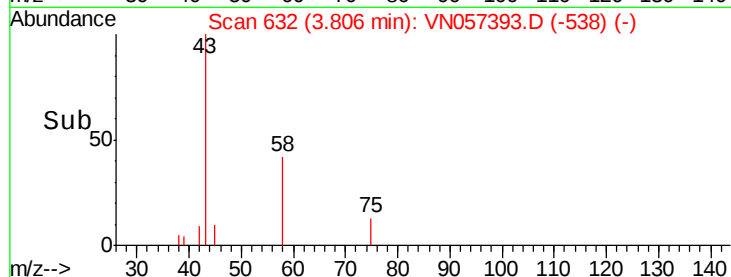
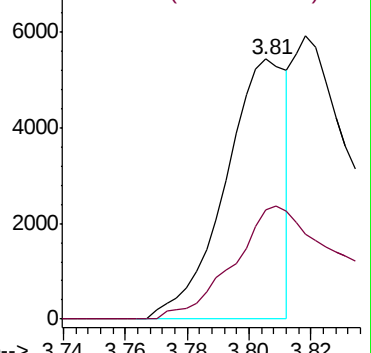
43 100

58 41.9 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN057292.D (-603) (-)



#20

Methylene Chloride

Concen: 1.989 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Tgt Ion: 84 Resp: 22664

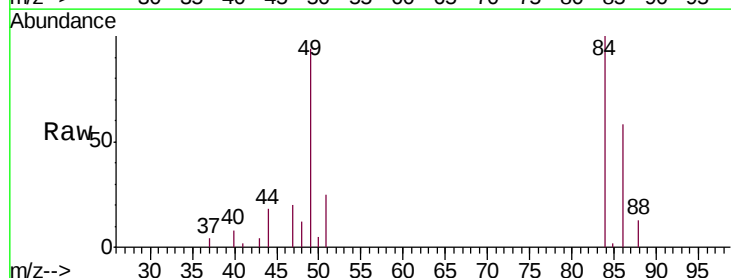
Ion Ratio Lower Upper

84 100

49 93.7 92.0 138.0

51 25.5 27.1 40.7#

86 57.6 52.2 78.2

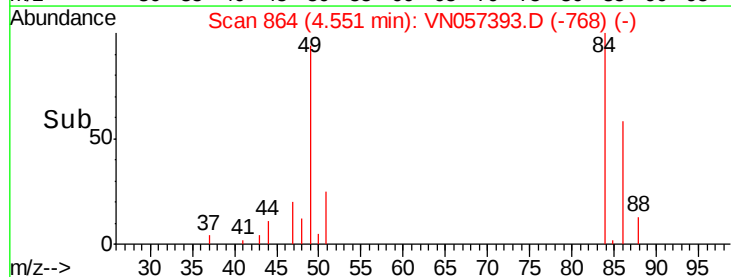
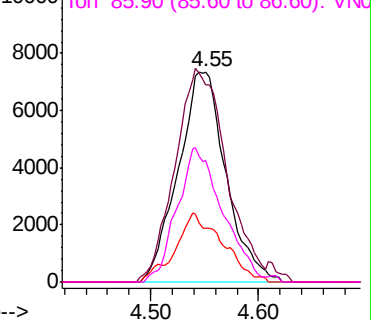


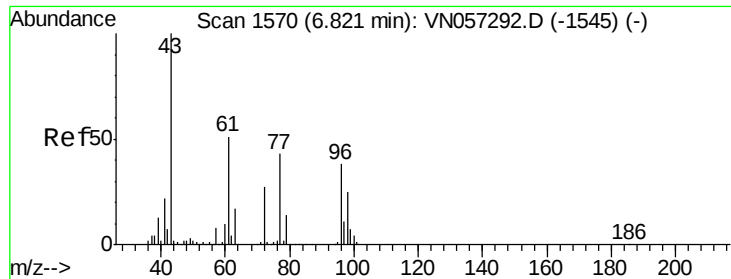
Abundance Ion 83.90 (83.60 to 84.60): VN057292.D (-839) (-)

Ion 48.90 (48.60 to 49.60): VN057292.D (-839) (-)

Ion 50.90 (50.60 to 51.60): VN057292.D (-839) (-)

Ion 85.90 (85.60 to 86.60): VN057292.D (-839) (-)





#25

2-Butanone

Concen: 0.278 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

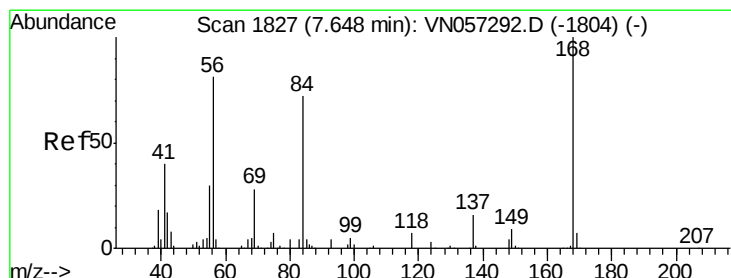
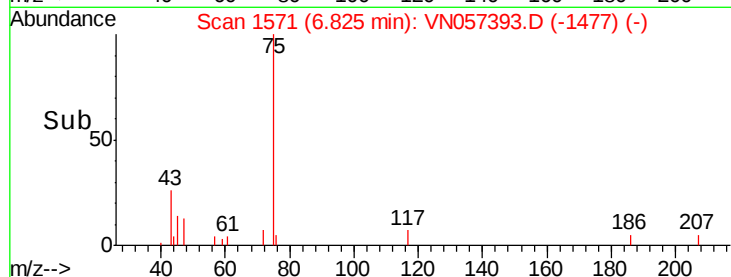
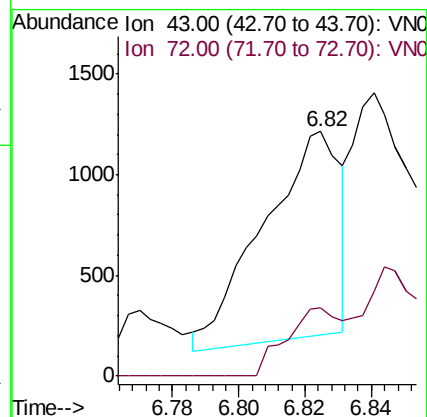
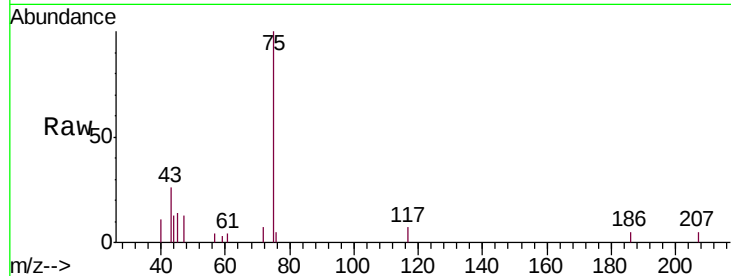
T8-A1-(0)

Tgt Ion: 43 Resp: 1639

Ion Ratio Lower Upper

43 100

72 33.9 21.5 32.3#



#31

Cyclohexane

Concen: 0.983 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

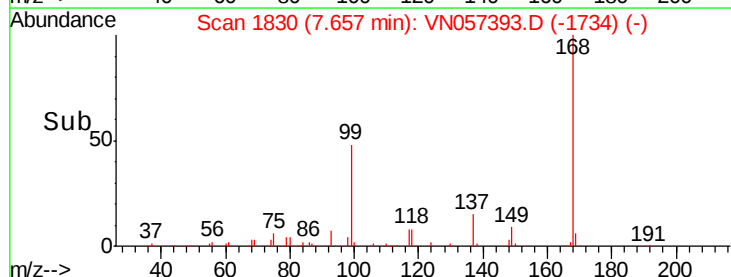
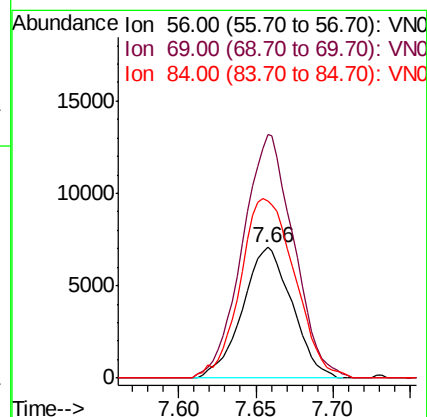
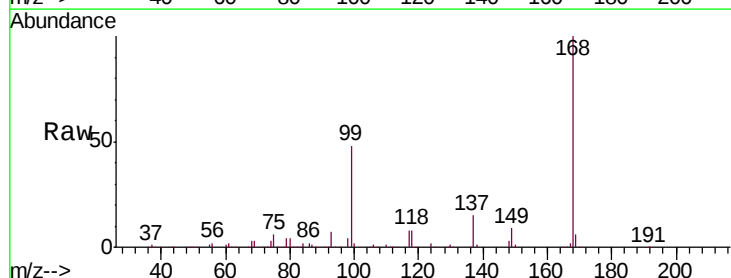
Tgt Ion: 56 Resp: 15733

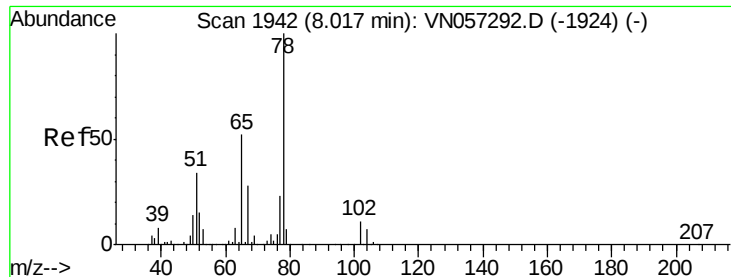
Ion Ratio Lower Upper

56 100

69 186.3 27.3 40.9#

84 135.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 42.049 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

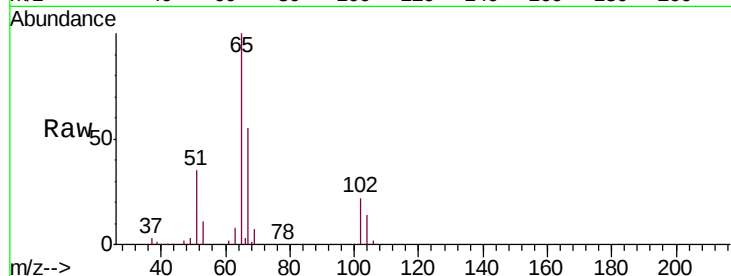
T8-A1-(0)

Tgt Ion: 65 Resp: 493779

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057292.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN057292.D (-1924) (-)

8.02

200000

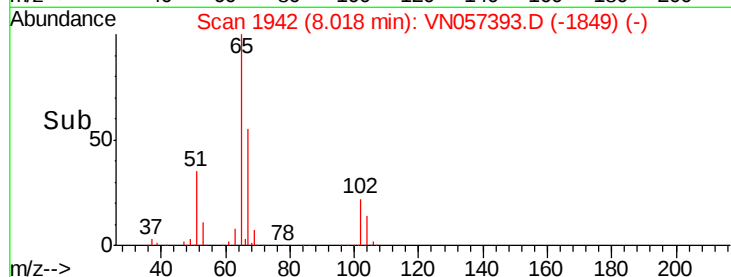
150000

100000

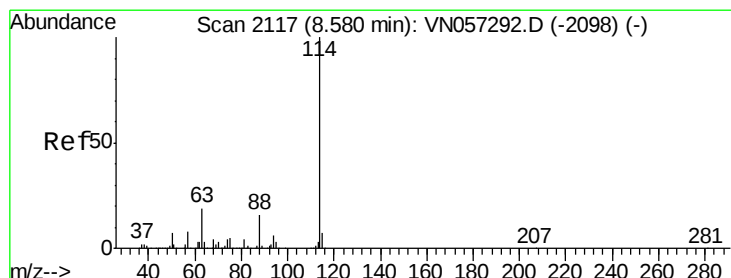
50000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

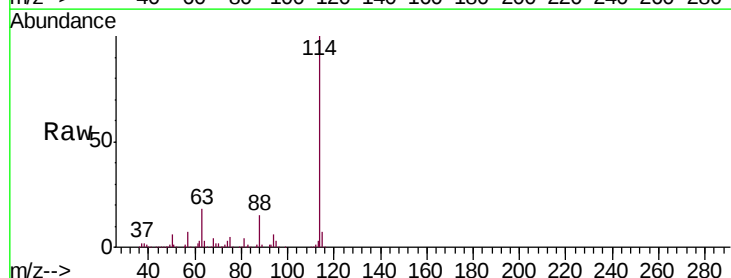
Tgt Ion: 114 Resp: 1511684

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.8

88 14.7 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057292.D (-2098) (-)

Ion 63.00 (62.70 to 63.70): VN057292.D (-2098) (-)

Ion 87.90 (87.60 to 88.60): VN057292.D (-2098) (-)

8.58

1000000

800000

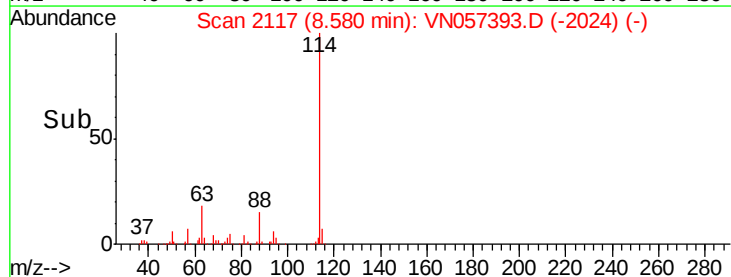
600000

400000

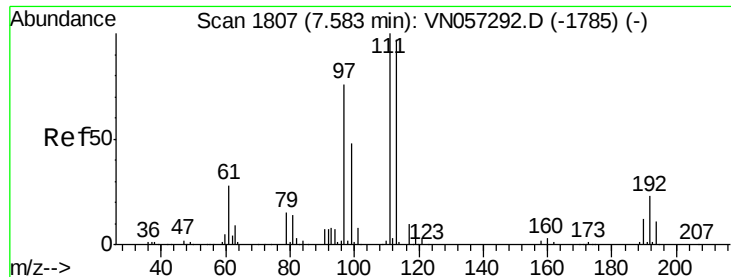
200000

0

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 45.890 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

T8-A1-(0)

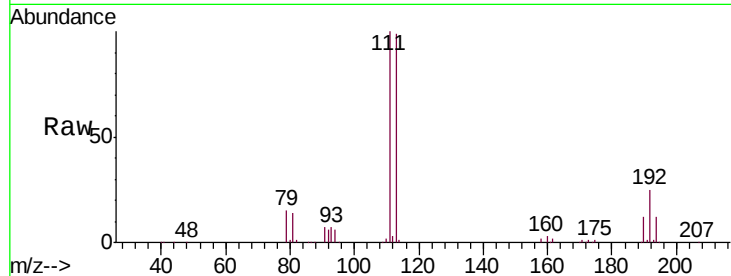
Tgt Ion:113 Resp: 454737

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

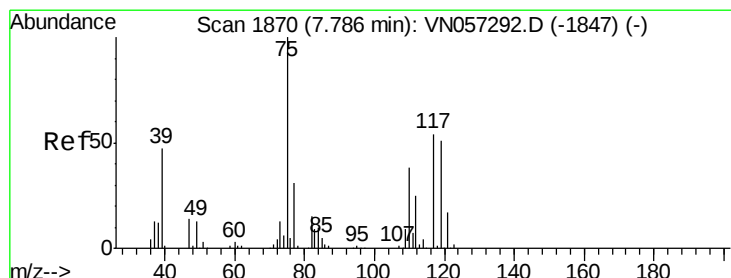
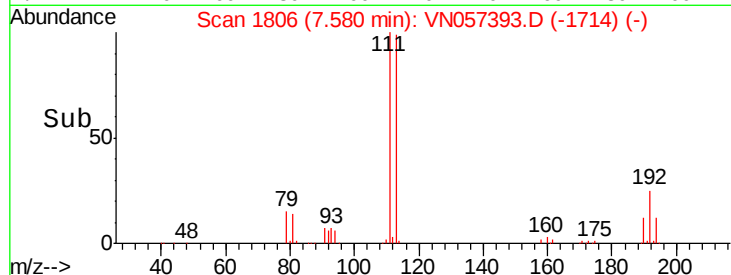
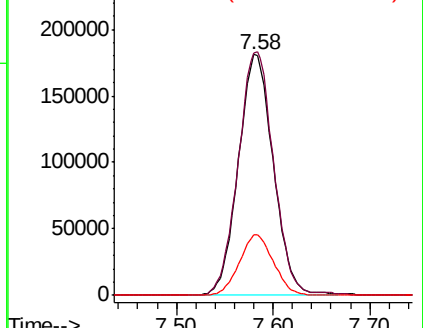
192 24.6 19.3 28.9



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: 4.863 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

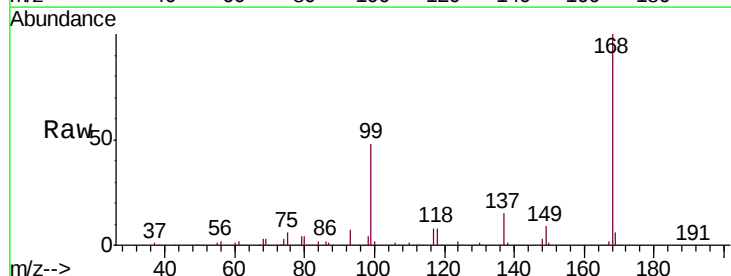
Tgt Ion: 75 Resp: 64901

Ion Ratio Lower Upper

75 100

110 8.8 19.5 58.5#

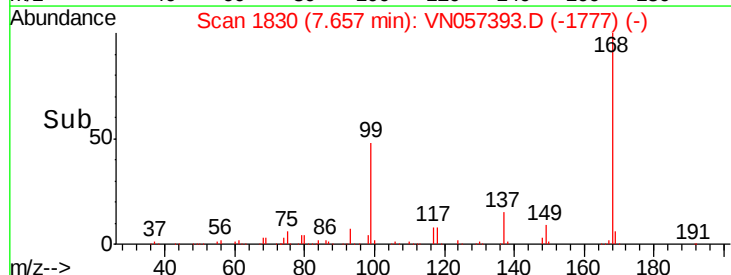
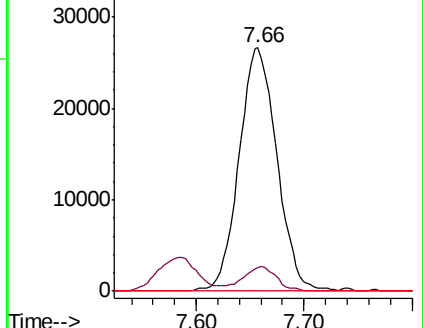
77 0.0 25.0 37.6#

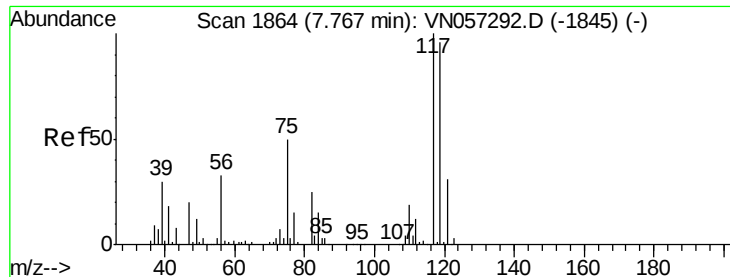


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.611 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

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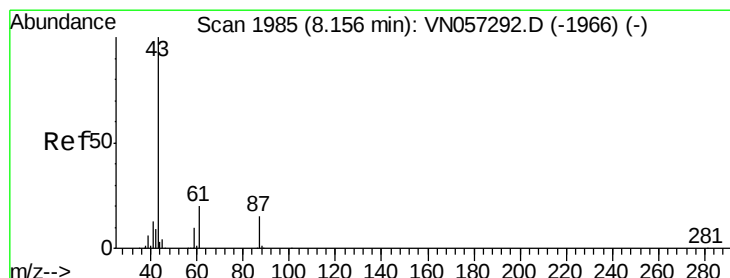
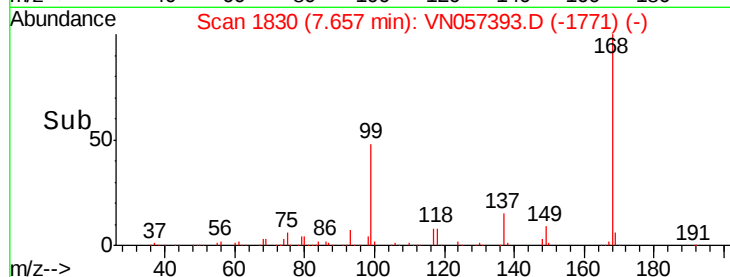
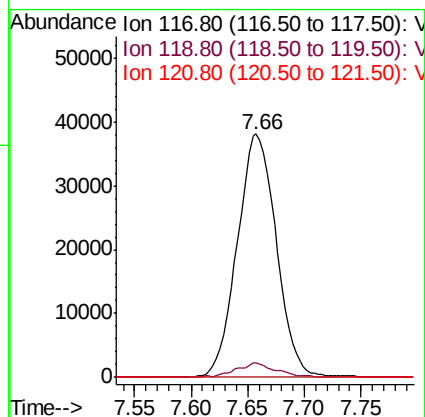
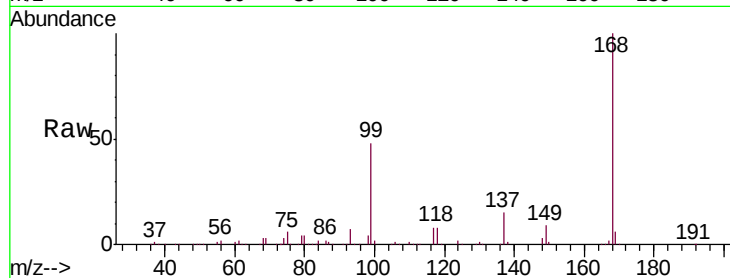
Tgt Ion:117 Resp: 91679

Ion Ratio Lower Upper

117 100

119 5.8 76.8 115.2#

121 0.0 25.0 37.4#



#43

Isopropyl Acetate

Concen: 9.462 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

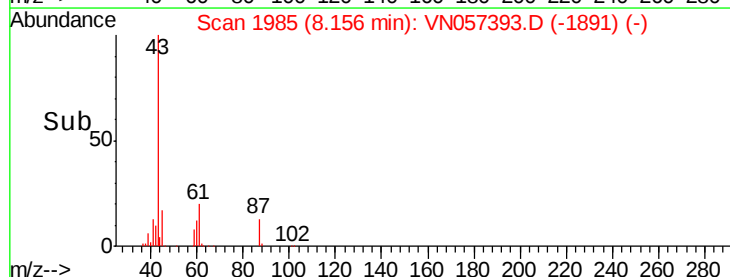
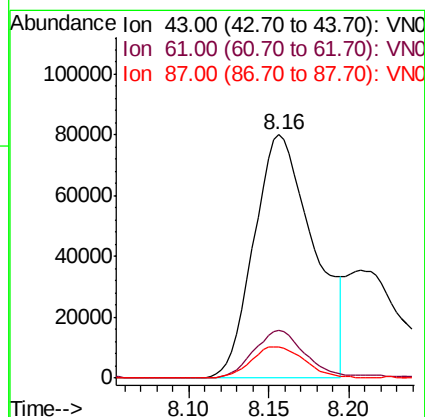
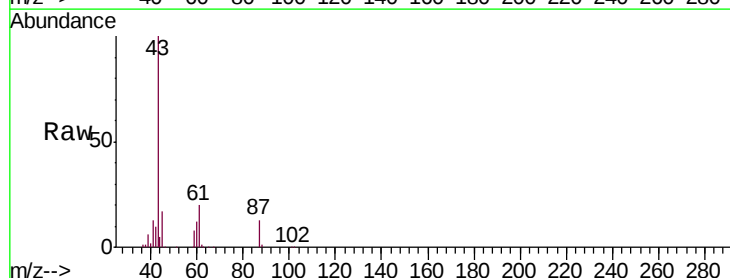
Tgt Ion: 43 Resp: 207458

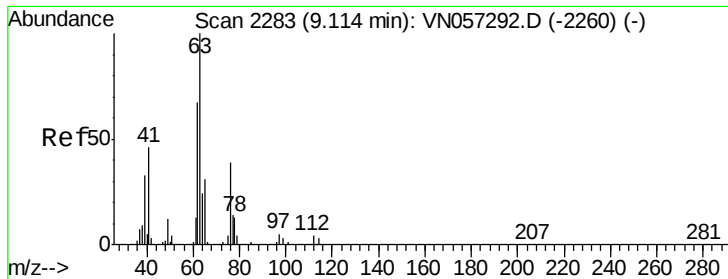
Ion Ratio Lower Upper

43 100

61 16.8 21.6 32.4#

87 11.5 11.4 17.0





#45

1,2-Dichloropropane

Concen: 0.339 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

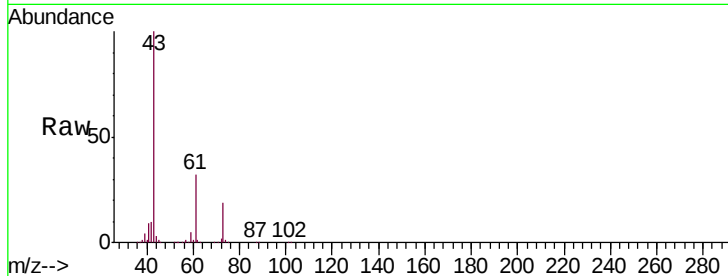
T8-A1-(0)

Tgt Ion: 63 Resp: 3564

Ion Ratio Lower Upper

63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN057393.D (-2190) (-)

Ion 64.90 (64.60 to 65.60): VN057393.D (-2190) (-)

9.27

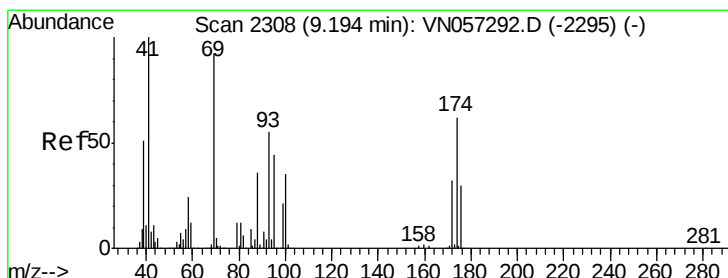
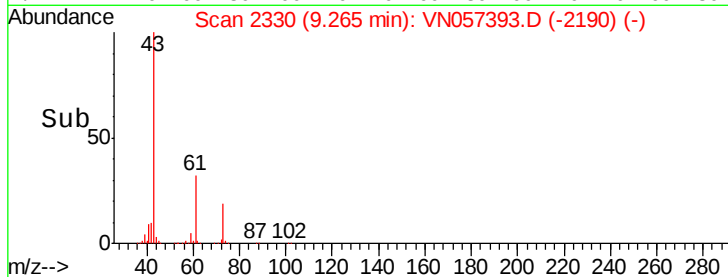
1500

1000

500

0

Time-->



#48

Methyl methacrylate

Concen: 0.990 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

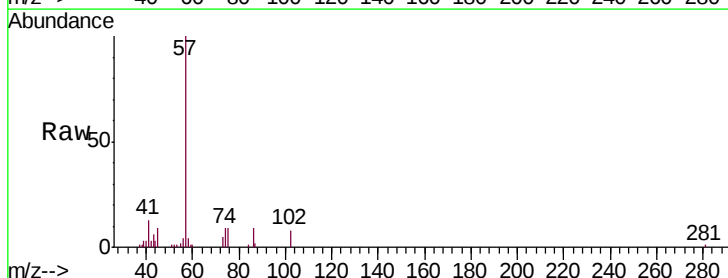
Tgt Ion: 41 Resp: 8913

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

39 0.0 42.3 63.5#



Abundance Ion 41.00 (40.70 to 41.70): VN057393.D (-2215) (-)

Ion 69.00 (68.70 to 69.70): VN057393.D (-2215) (-)

Ion 39.00 (38.70 to 39.70): VN057393.D (-2215) (-)

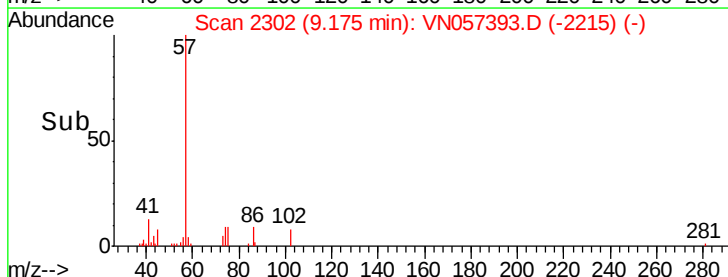
150000

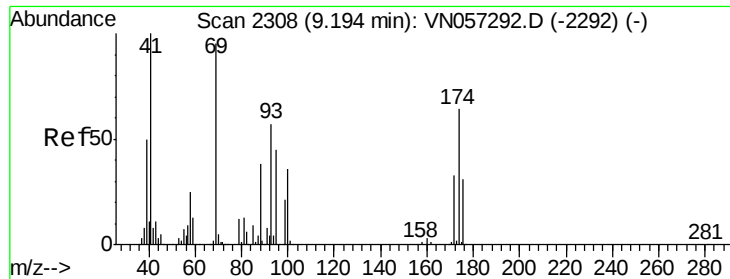
100000

50000

0

Time-->





#49

1,4-Dioxane

Concen: 2.229 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.07 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

T8-A1-(0)

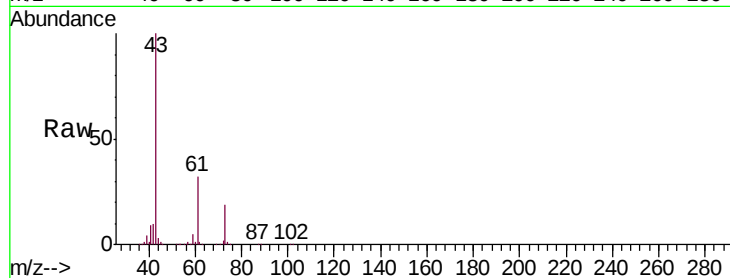
Tgt Ion: 88 Resp: 422

Ion Ratio Lower Upper

88 100

43 562263.3 22.9 34.3#

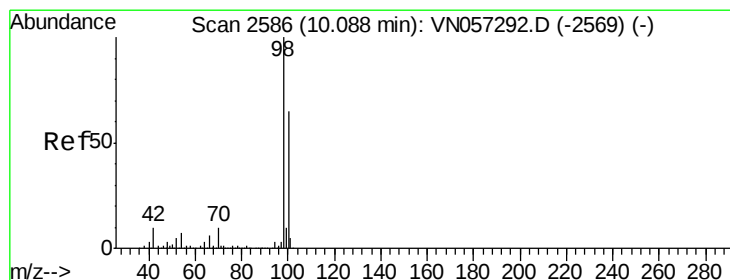
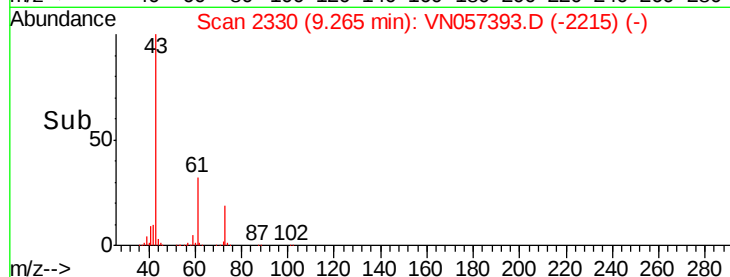
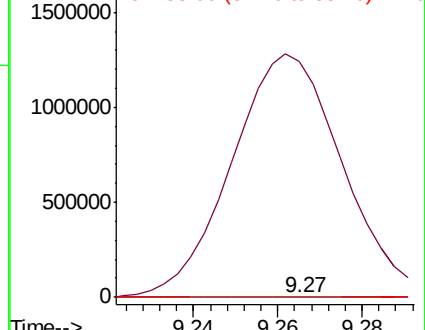
58 2414.7 52.7 79.1#



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: 48.250 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057393.D

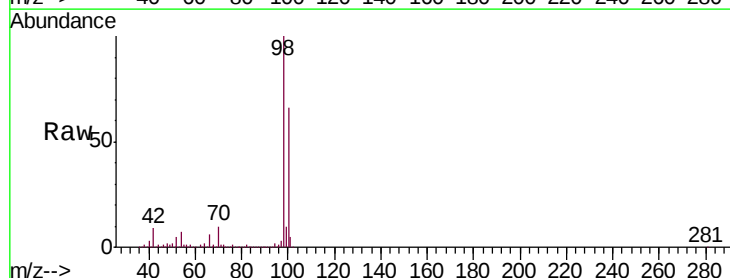
Acq: 19 Aug 2019 12:18

Tgt Ion: 98 Resp: 1748763

Ion Ratio Lower Upper

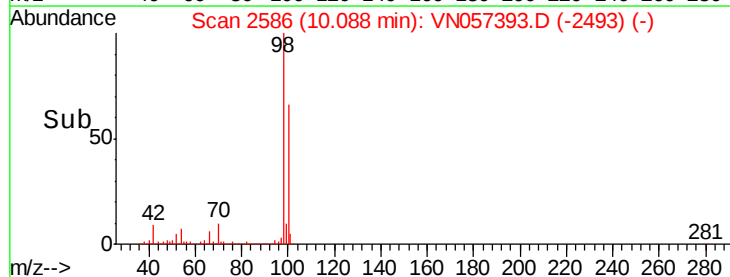
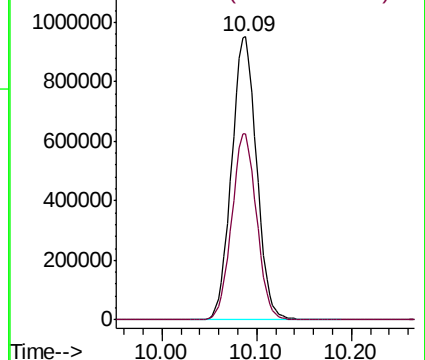
98 100

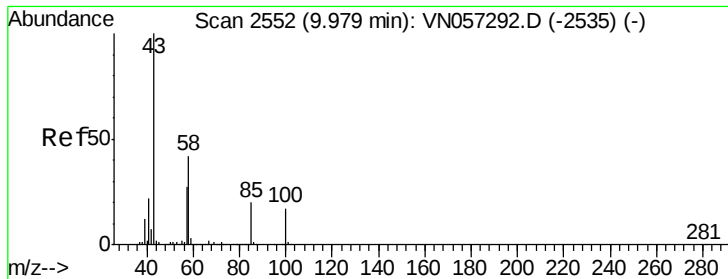
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

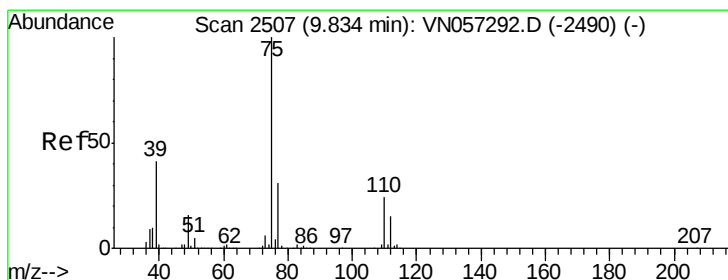
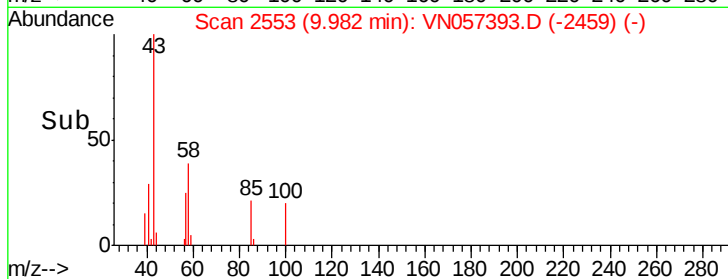
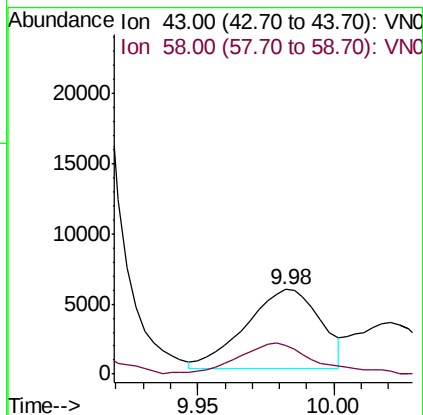
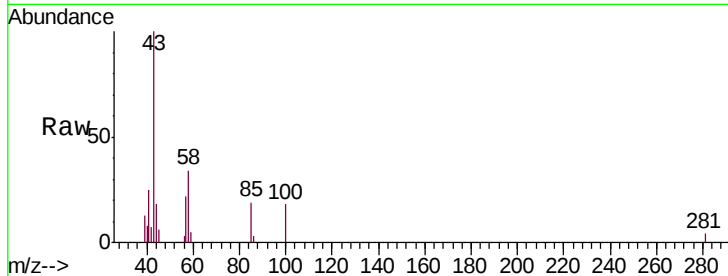




#51
 4-Methyl-2-Pentanone
 Concen: 0.951 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057393.D
 Acq: 19 Aug 2019 12:18

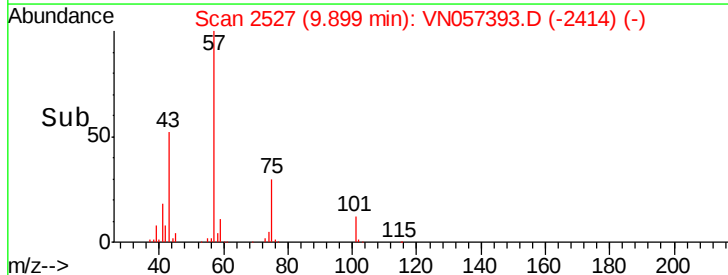
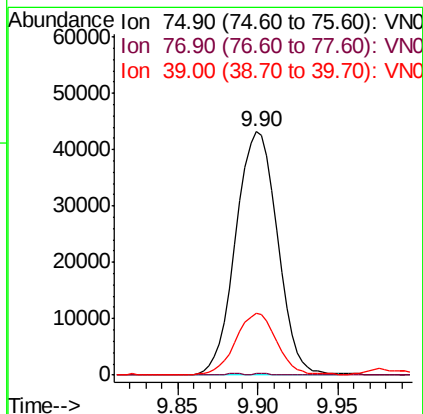
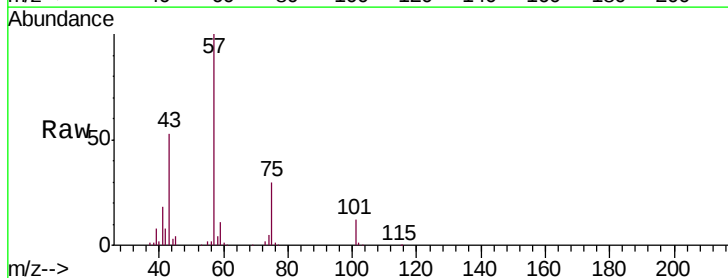
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A1-(0)

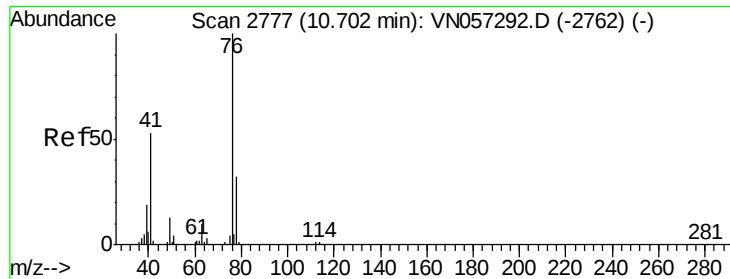
Tgt Ion: 43 Resp: 10726
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.641 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057393.D
 Acq: 19 Aug 2019 12:18

Tgt Ion: 75 Resp: 76991
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.9 37.3#
 39 25.3 32.7 49.1#

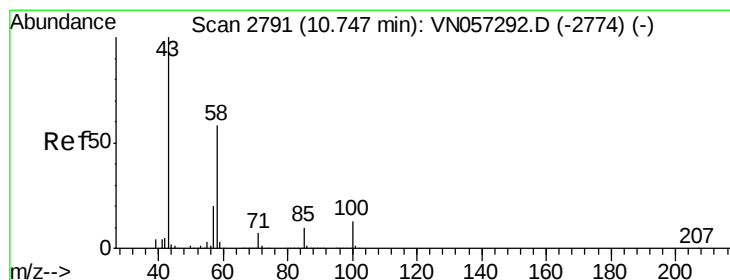
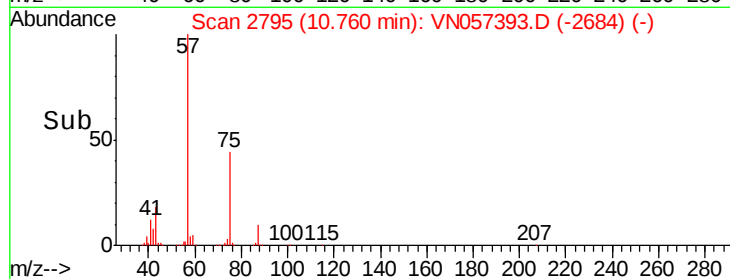
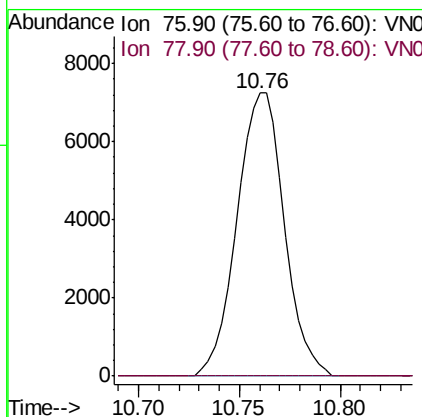
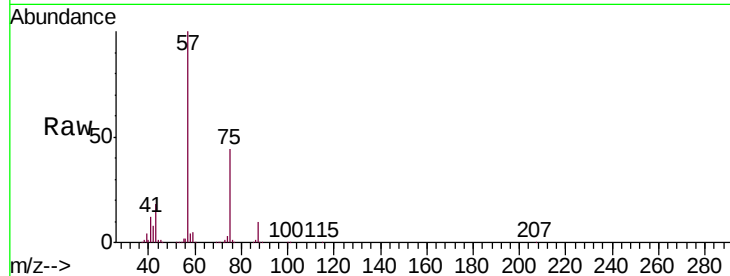




#57
 1,3-Dichloropropane
 Concen: 0.713 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057393.D
 Acq: 19 Aug 2019 12:18

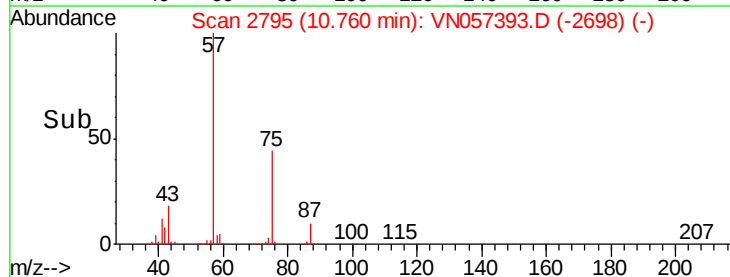
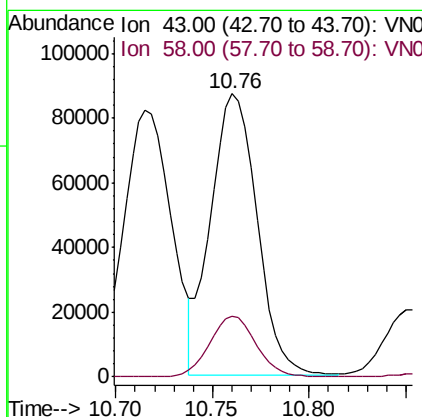
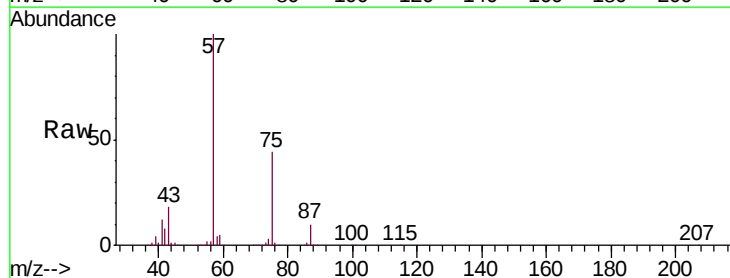
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A1-(0)

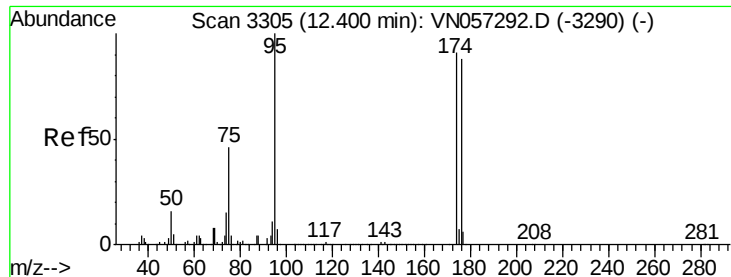
Tgt Ion: 76 Resp: 11906
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 17.896 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057393.D
 Acq: 19 Aug 2019 12:18

Tgt Ion: 43 Resp: 145102
 Ion Ratio Lower Upper
 43 100
 58 21.7 28.6 85.9#

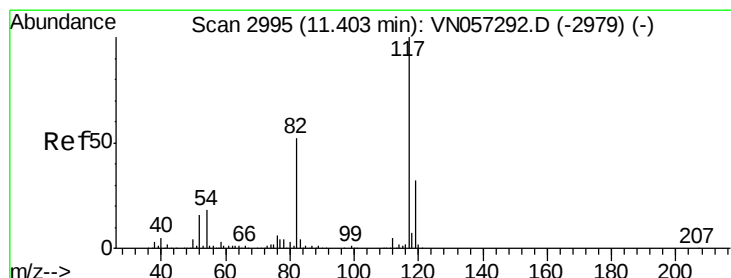
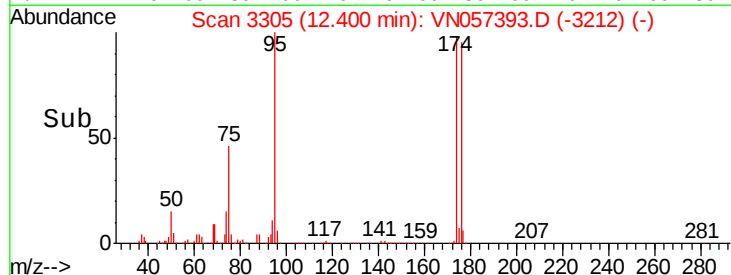
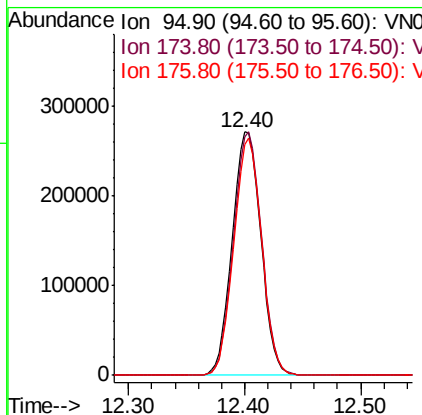
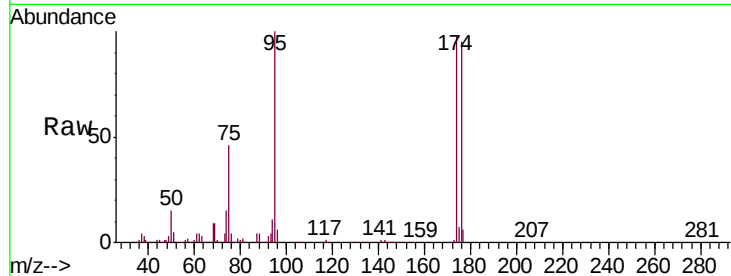




#62
4-Bromofluorobenzene
Concen: 36.116 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057393.D
Acq: 19 Aug 2019 12:18

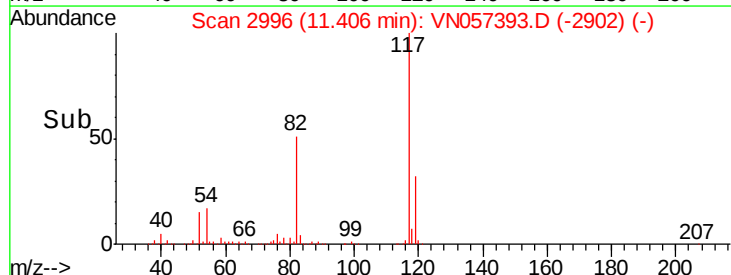
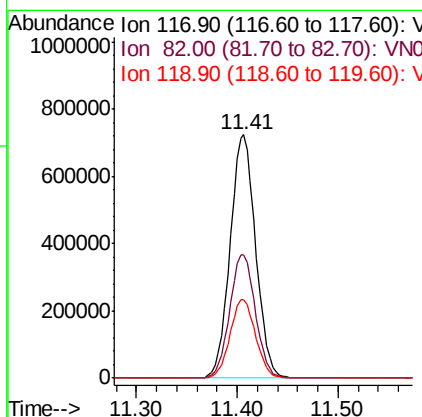
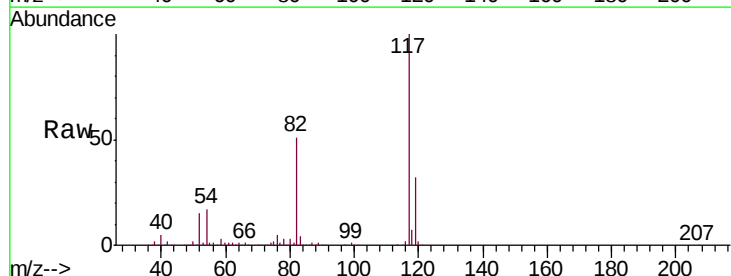
Instrument :
MSVOA_N
ClientSampled :
T8-A1-(0)

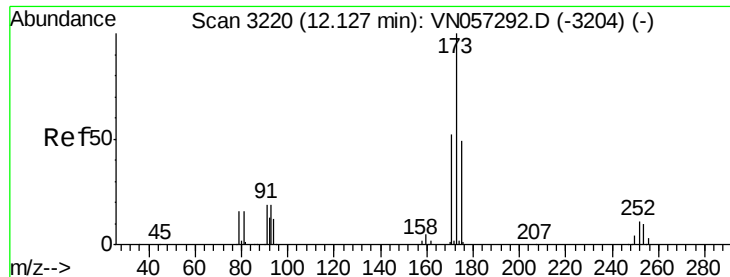
Tgt Ion: 95 Resp: 462587
Ion Ratio Lower Upper
95 100
174 98.0 0.0 185.0
176 94.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057393.D
Acq: 19 Aug 2019 12:18

Tgt Ion: 117 Resp: 1272339
Ion Ratio Lower Upper
117 100
82 50.9 41.2 61.8
119 32.2 25.8 38.8





#71

Bromoform

Concen: 0.370 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

T8-A1-(0)

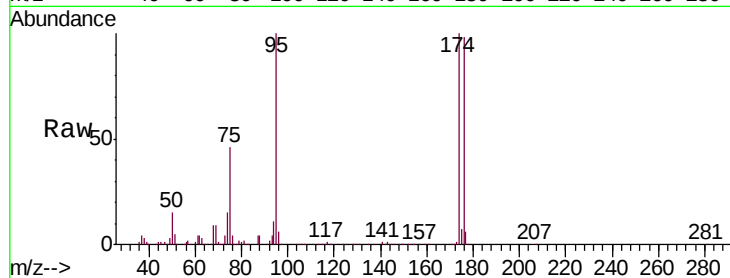
Tgt Ion:173 Resp: 2903

Ion Ratio Lower Upper

173 100

175 1002.1 24.2 72.6#

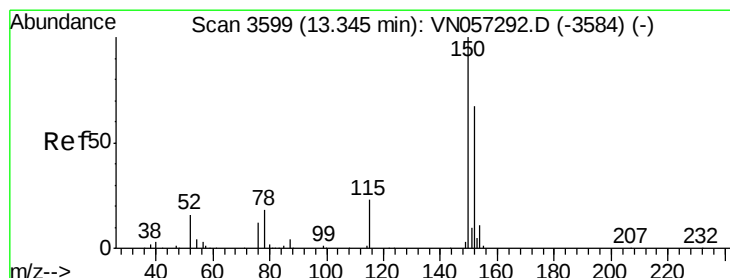
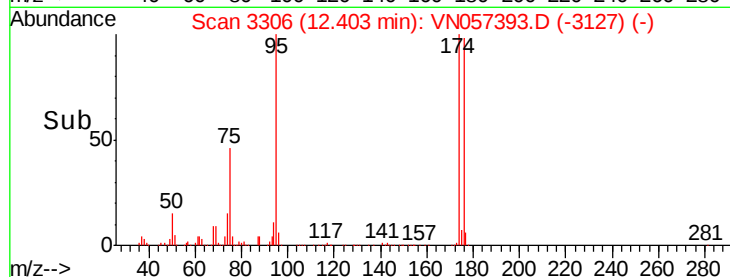
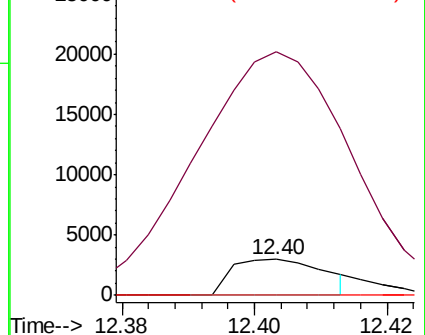
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

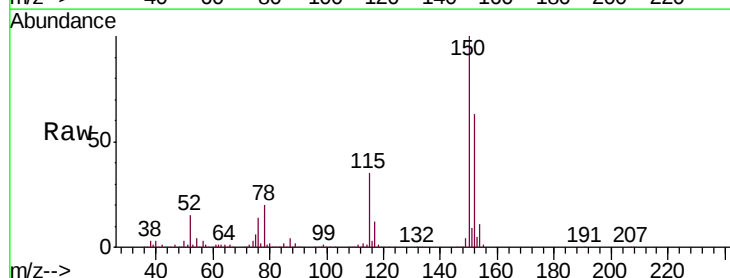
Tgt Ion:152 Resp: 329717

Ion Ratio Lower Upper

152 100

115 56.0 27.3 81.9

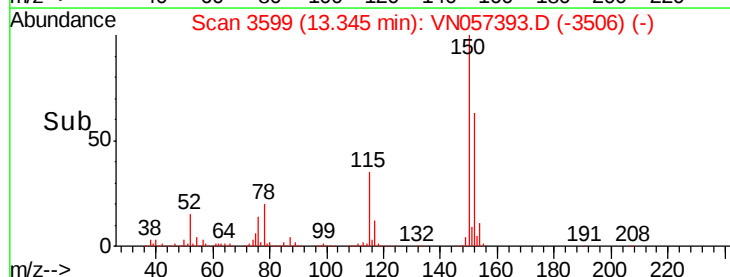
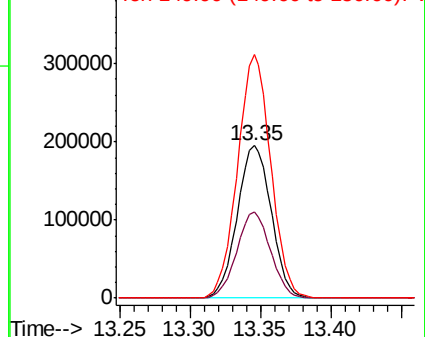
150 156.3 0.0 344.4

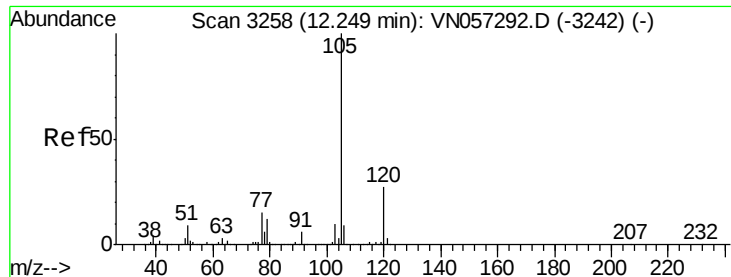


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3254

Delta R.T. -0.01 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

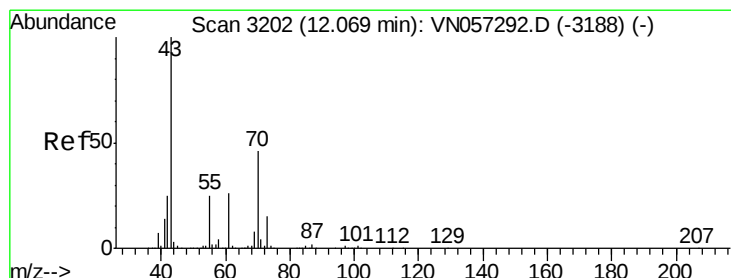
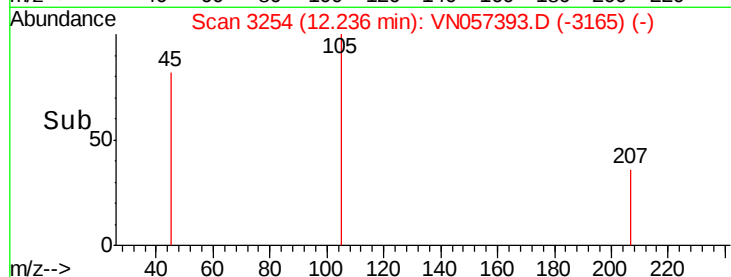
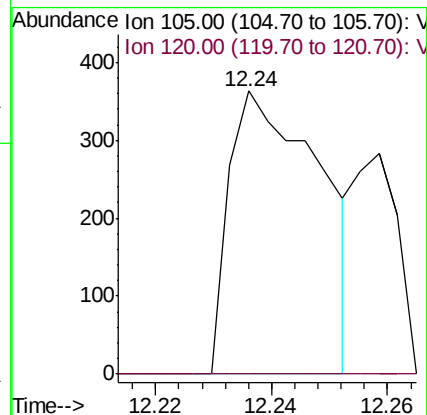
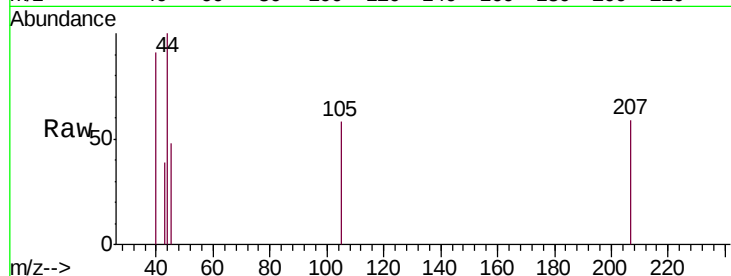
T8-A1-(0)

Tgt Ion: 105 Resp: 394

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.429 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Tgt Ion: 43 Resp: 4101

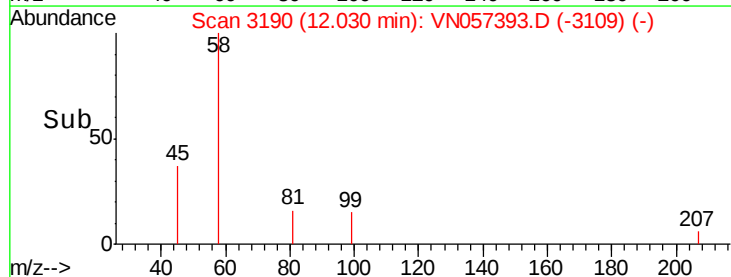
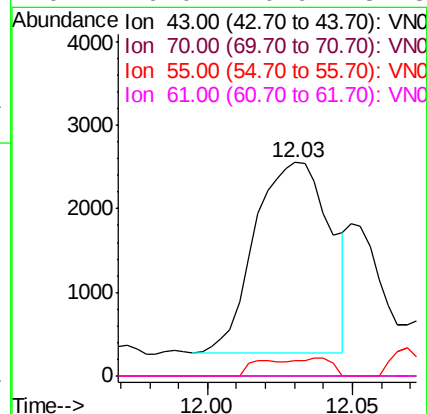
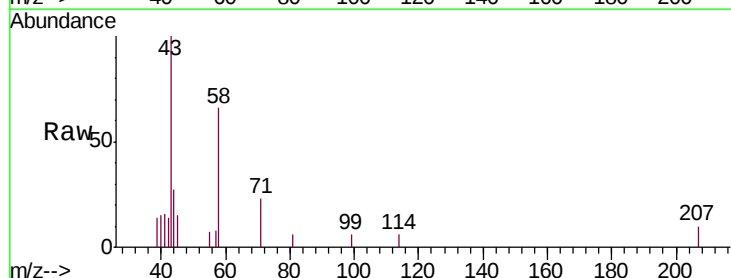
Ion Ratio Lower Upper

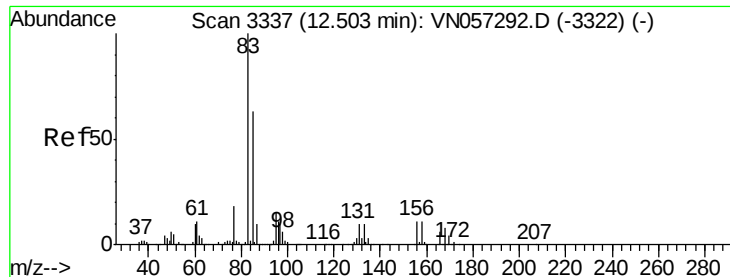
43 100

70 0.0 36.2 54.2#

55 3.2 20.1 30.1#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

T8-A1-(0)

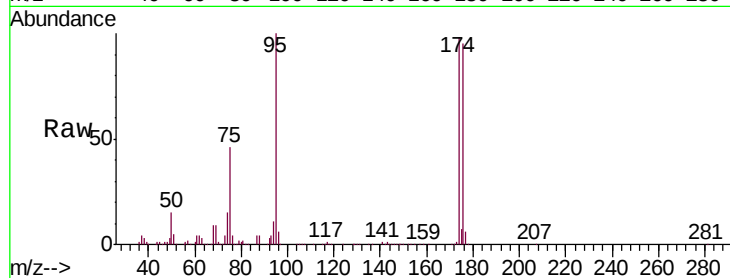
Tgt Ion: 83 Resp: 83

Ion Ratio Lower Upper

83 100

131 890.4 5.4 16.2#

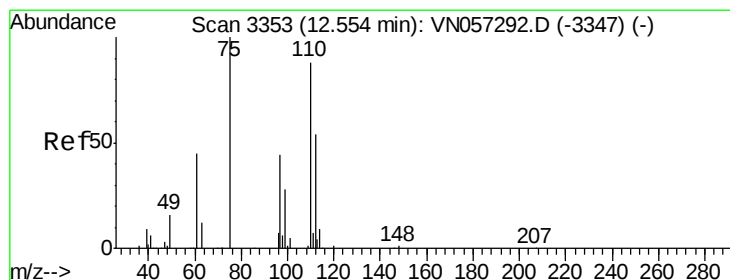
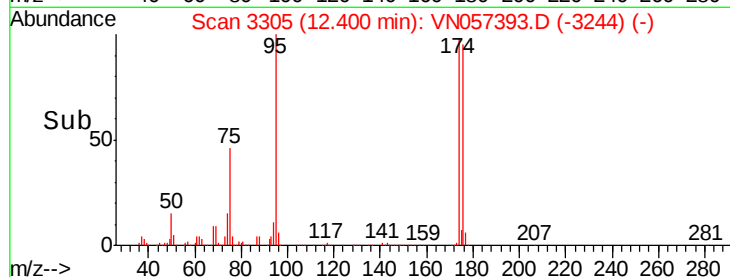
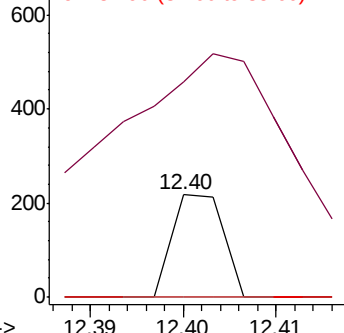
85 0.0 32.3 96.9#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 31.886 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057393.D

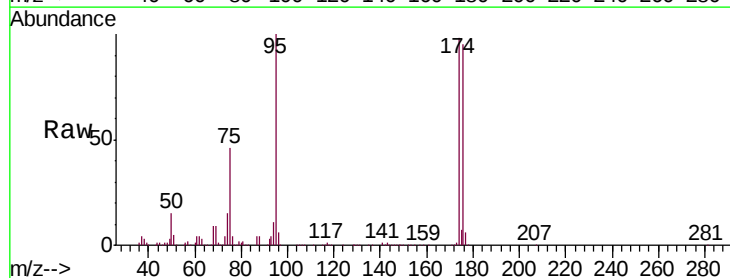
Acq: 19 Aug 2019 12:18

Tgt Ion: 75 Resp: 211399

Ion Ratio Lower Upper

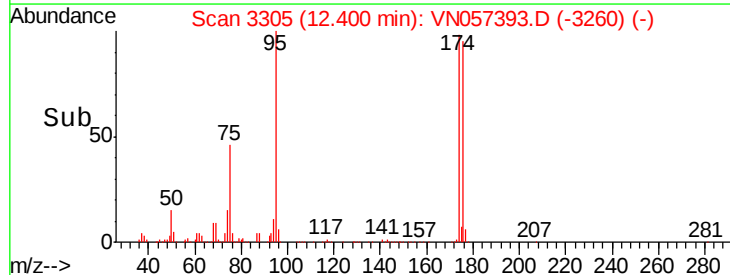
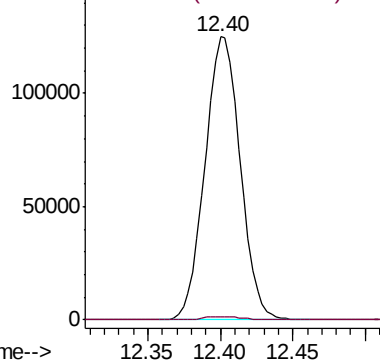
75 100

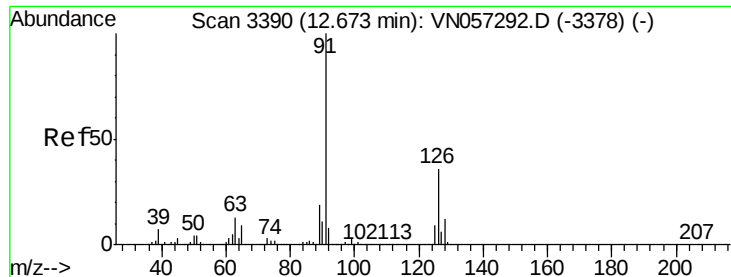
77 0.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3393

Delta R.T. 0.01 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

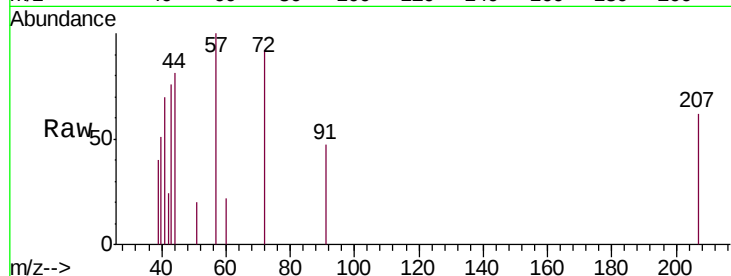
T8-A1-(0)

Tgt Ion: 91 Resp: 502

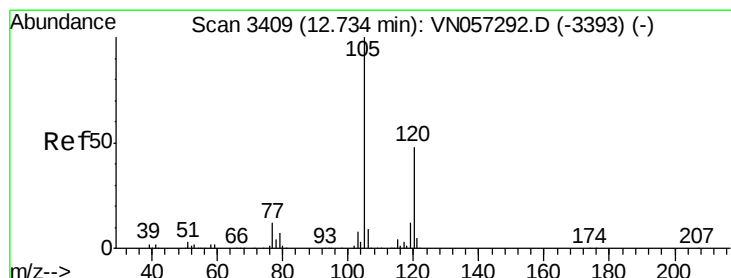
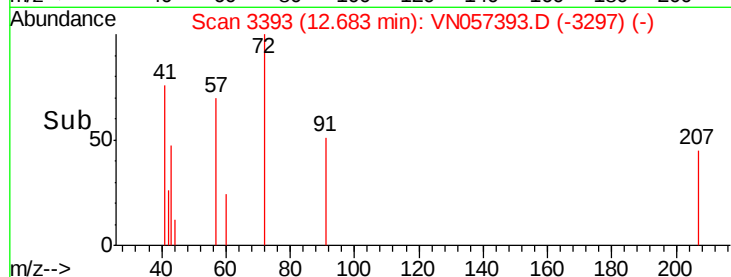
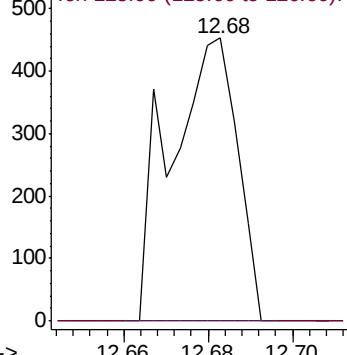
Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN057292.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057393.D

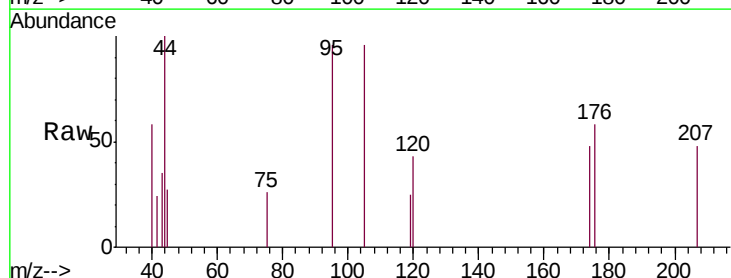
Acq: 19 Aug 2019 12:18

Tgt Ion: 105 Resp: 1399

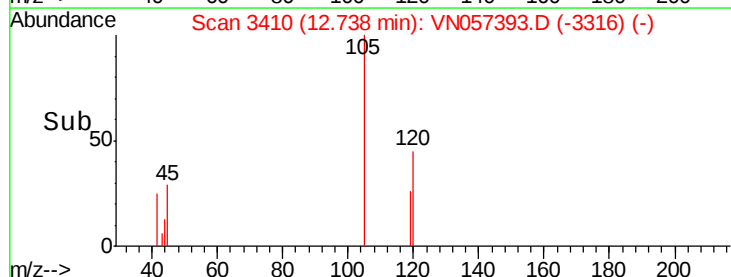
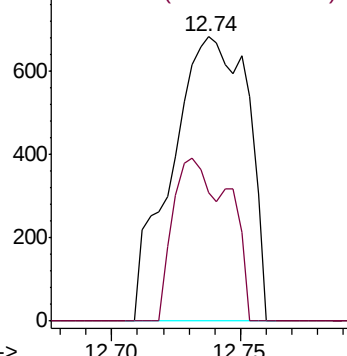
Ion Ratio Lower Upper

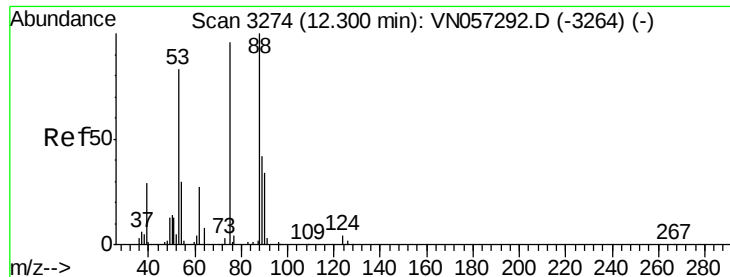
105 100

120 42.0 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN057292.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 78.181 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

T8-A1-(0)

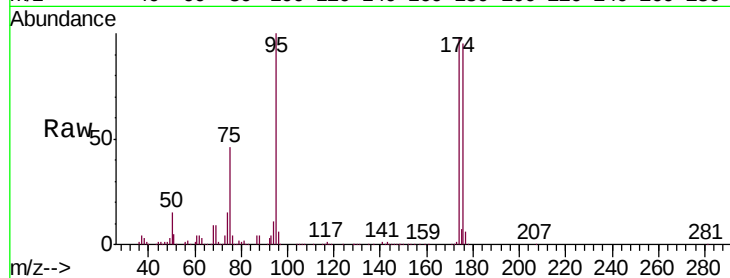
Tgt Ion: 75 Resp: 211399

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN057292.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN057292.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN057292.D (-3264) (-)

12.40

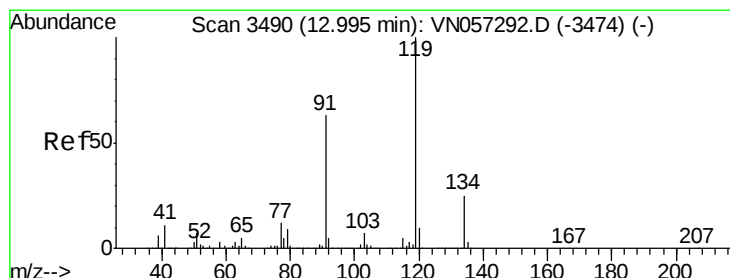
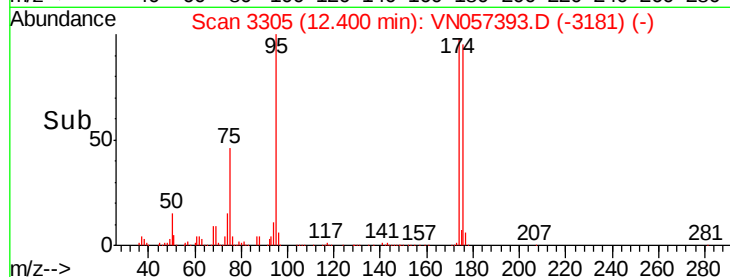
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.00 min Scan# 3492

Delta R.T. 0.01 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

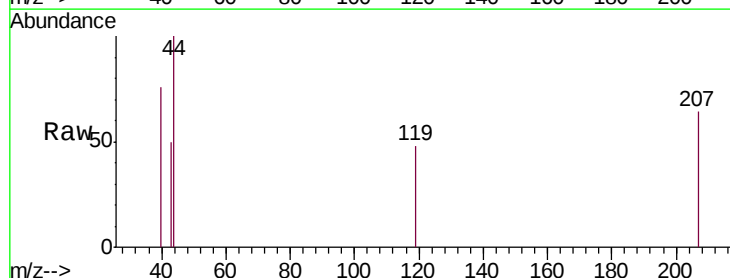
Tgt Ion: 119 Resp: 333

Ion Ratio Lower Upper

119 100

91 19.2 31.3 93.8#

134 0.0 13.1 39.1#



Abundance Ion 119.00 (118.70 to 119.70): VN057292.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN057292.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN057292.D (-3474) (-)

13.00

400

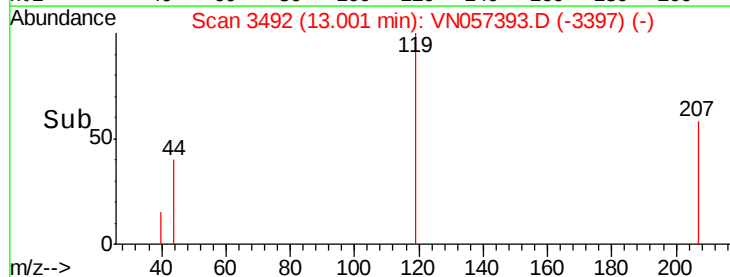
300

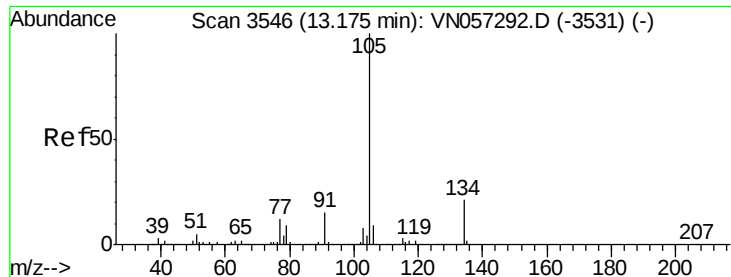
200

100

0

Time-->

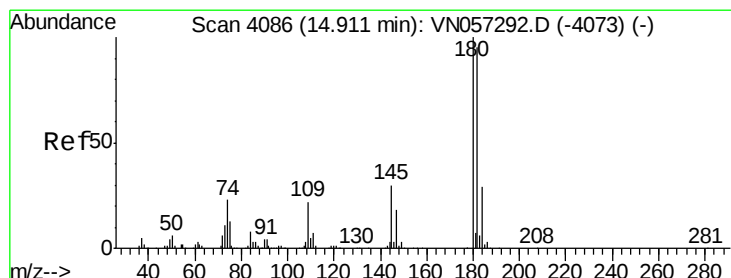
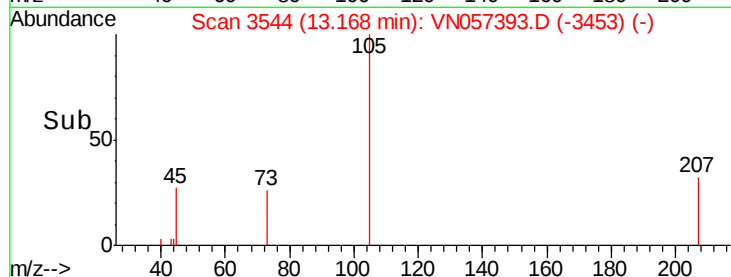
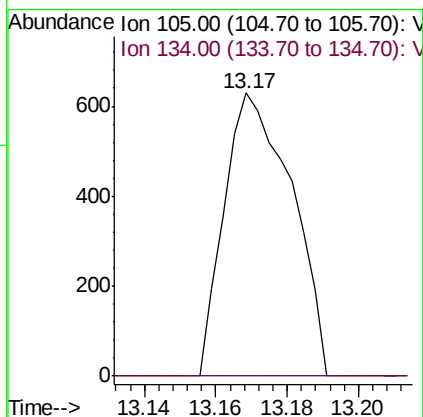
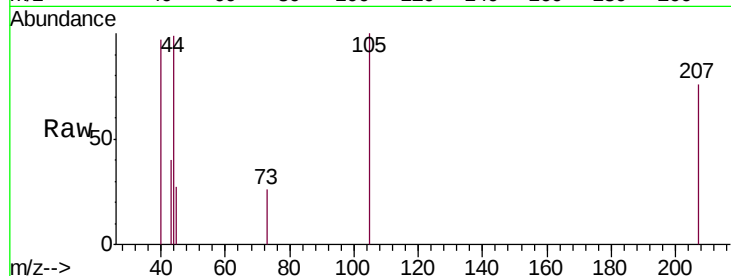




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.01 min
 Lab File: VN057393.D
 Acq: 19 Aug 2019 12:18

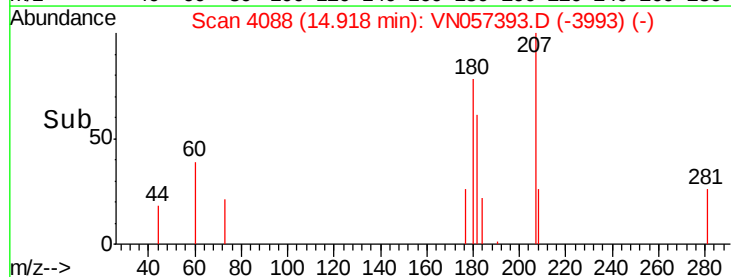
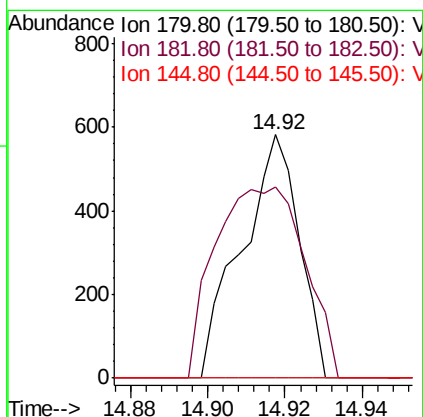
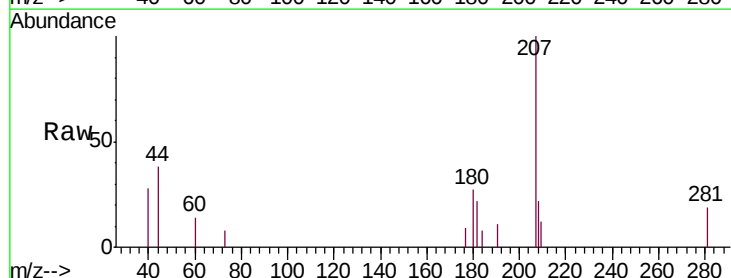
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A1-(0)

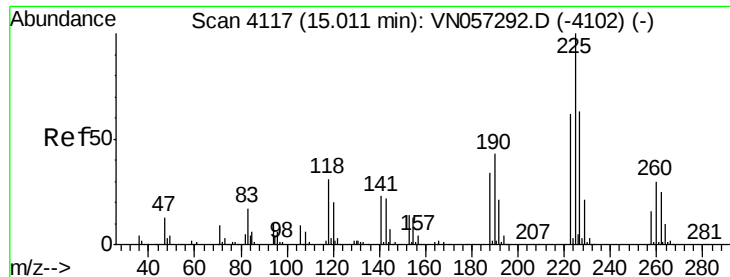
Tgt Ion:105 Resp: 821
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.481 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN057393.D
 Acq: 19 Aug 2019 12:18

Tgt Ion:180 Resp: 602
 Ion Ratio Lower Upper
 180 100
 182 121.9 48.0 144.2
 145 0.0 14.5 43.6#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

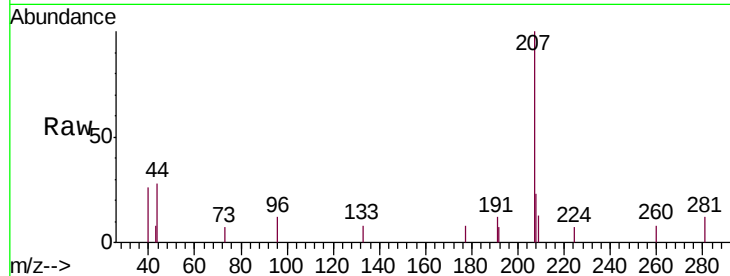
Instrument :

MSVOA_N

ClientSampled :

T8-A1-(0)

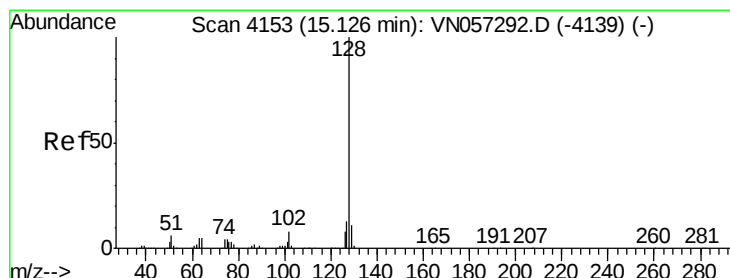
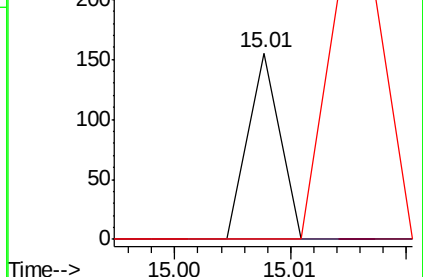
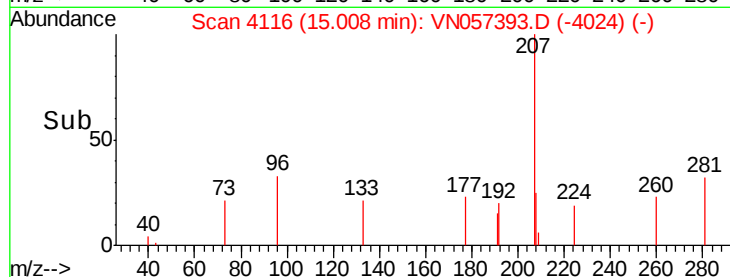
Tgt Ion:	225	Resp:	30
Ion Ratio	Lower	Upper	
225	100		
223	0.0	30.7	92.1#
227	260.0	30.9	92.7#



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: Below Cal

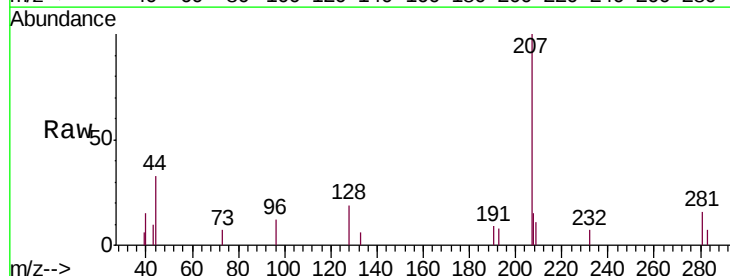
RT: 15.13 min Scan# 4155

Delta R.T. 0.01 min

Lab File: VN057393.D

Acq: 19 Aug 2019 12:18

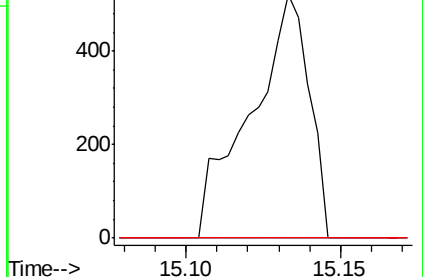
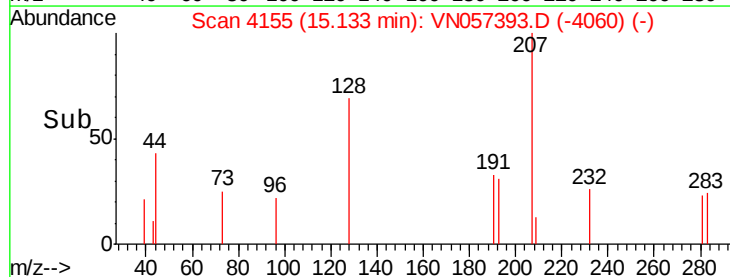
Tgt Ion:	128	Resp:	687
Ion Ratio	Lower	Upper	
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#

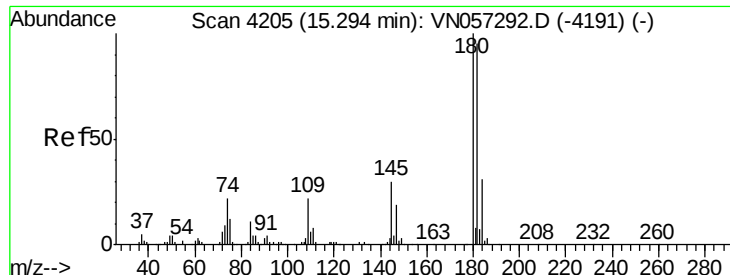


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

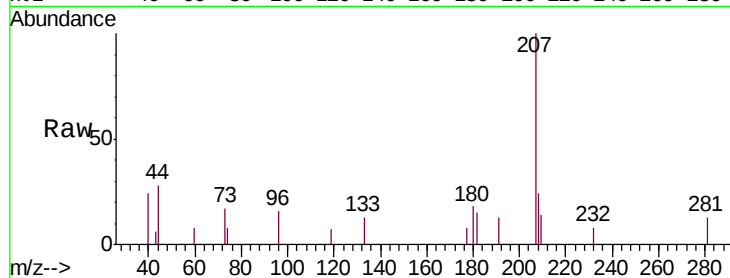




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.29 min Scan# 4204
 Delta R.T. -0.00 min
 Lab File: VN057393.D
 Acq: 19 Aug 2019 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A1-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	67.1	47.9	143.6
145	7.6	15.1	45.3#



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

