

Data File : VN057394.D
Acq On : 19 Aug 2019 12:42
Operator : JC/SP
Sample : K4339-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
T8-A2-(0)

Quant Time: Aug 20 07:10:48 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	1095590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1529955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1277085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	340152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	500411	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	
35) Dibromofluoromethane	7.58	113	459389	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	10.08	98	1751775	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.40	95	471787	36.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.78%	

Target Compounds

					Qvalue	
11) Tert butyl alcohol	4.73	59	7303	4.313 ug/l	#	73
16) Acetone	3.81	43	17452	4.224 ug/l		100
18) Methyl Acetate	4.32	43	26009	Below Cal	#	80
20) Methylene Chloride	4.55	84	23635	2.045 ug/l		94
25) 2-Butanone	6.83	43	4308	0.720 ug/l		99
31) Cyclohexane	7.65	56	15728	0.969 ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	63155	4.675 ug/l	#	49
38) Carbon Tetrachloride	7.66	117	92020	6.556 ug/l	#	16
43) Isopropyl Acetate	8.16	43	231873	10.570 ug/l	#	82
45) 1,2-Dichloropropane	9.26	63	3057	0.287 ug/l	#	44
48) Methyl methacrylate	9.17	41	8363	0.918 ug/l	#	11
49) 1,4-Dioxane	9.26	88	320	1.670 ug/l	#	1
51) 4-Methyl-2-Pentanone	9.98	43	10946	0.959 ug/l		100
54) cis-1,3-Dichloropropene	9.90	75	76963	4.584 ug/l	#	59
57) 1,3-Dichloropropane	10.76	76	11554	0.684 ug/l	#	43
59) 2-Hexanone	10.76	43	145818	17.770 ug/l	#	52
71) Bromoform	12.40	173	2848	0.362 ug/l	#	1
73) Isopropylbenzene	12.25	105	221	Below Cal	#	49
74) N-amyl acetate	12.03	43	4315	0.437 ug/l	#	43
75) 1,1,2,2-Tetrachloroethane	12.41	83	227	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	217716	31.828 ug/l	#	100
79) 2-Chlorotoluene	12.68	91	141	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	1382	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	217716	78.047 ug/l	#	15
83) tert-Butylbenzene	12.99	119	168	Below Cal	#	55
85) sec-Butylbenzene	13.18	105	416	Below Cal	#	55
93) 1,2,4-Trichlorobenzene	14.91	180	388	5.434 ug/l		65
94) Hexachlorobutadiene	15.01	225	74	Below Cal	#	41
95) Naphthalene	15.13	128	583	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	527	Below Cal	#	62

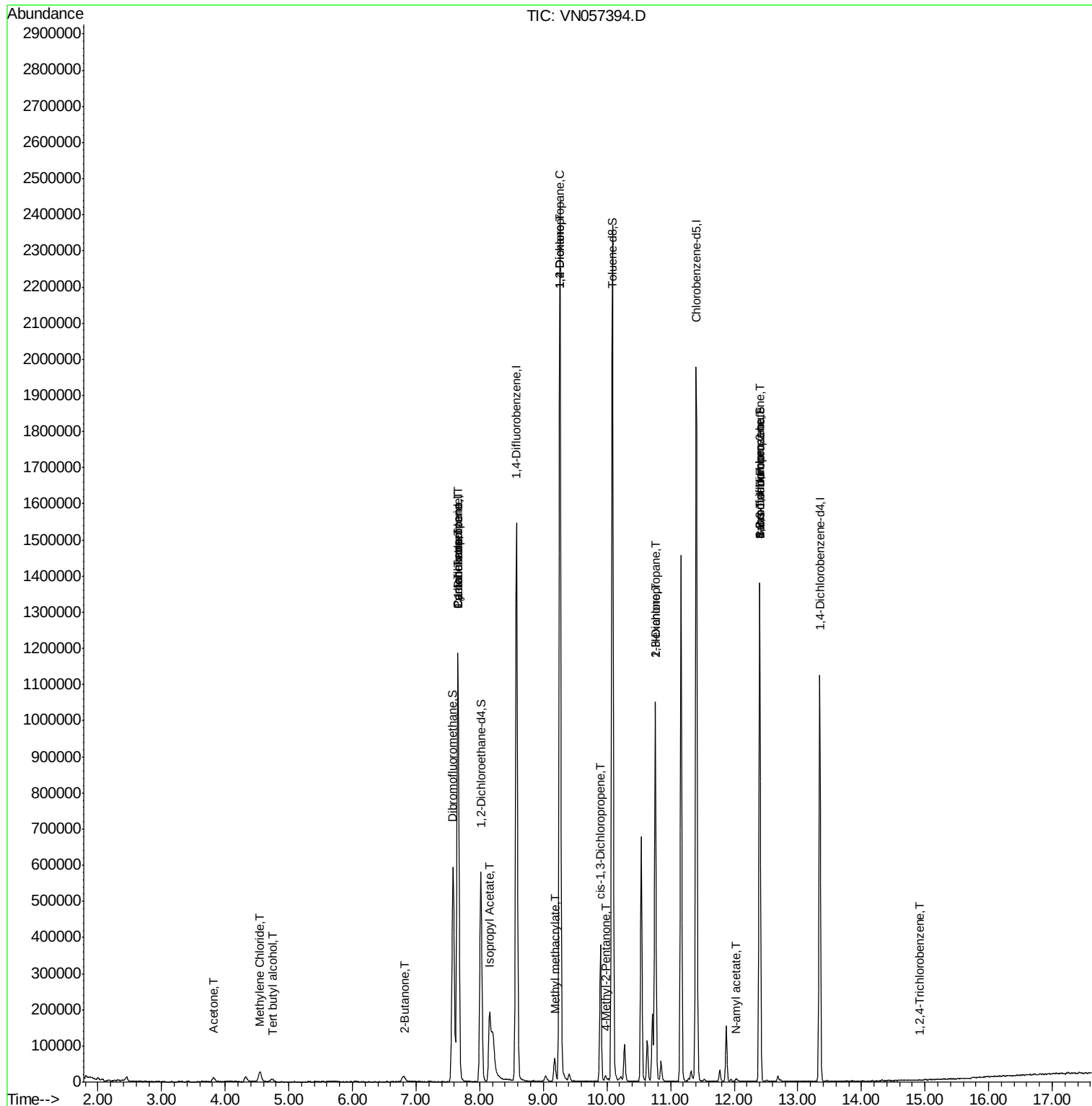
(#) = qualifier out of range (m) = manual integration (+) = signals summed

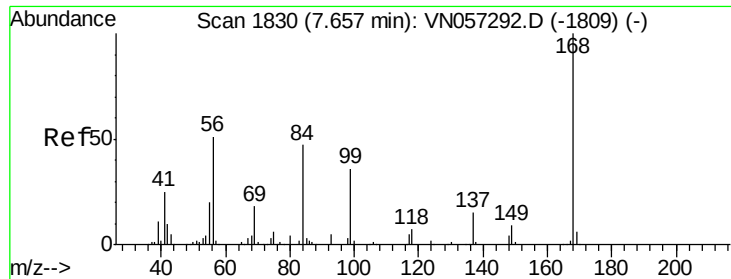
Data File : VN057394.D

```
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
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: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

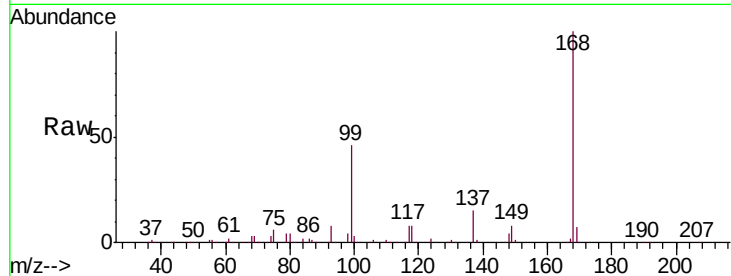
T8-A2-(0)

Tgt Ion:168 Resp: 1095590

Ion Ratio Lower Upper

168 100

99 46.5 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

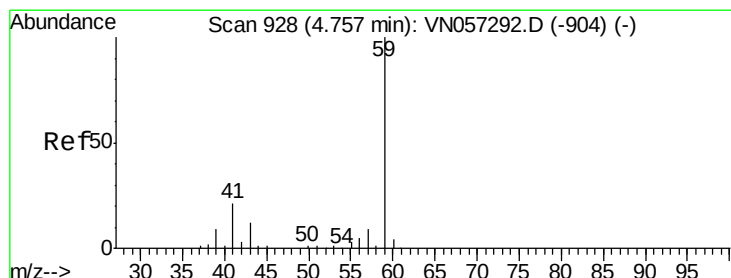
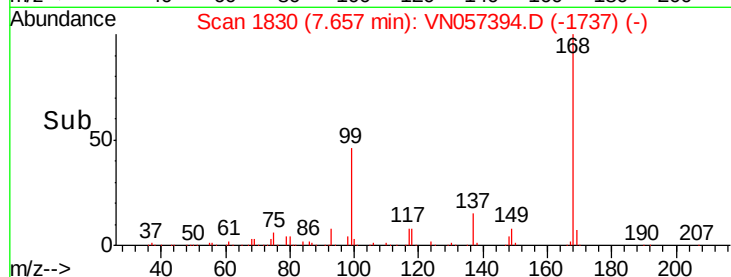
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.313 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.03 min

Lab File: VN057394.D

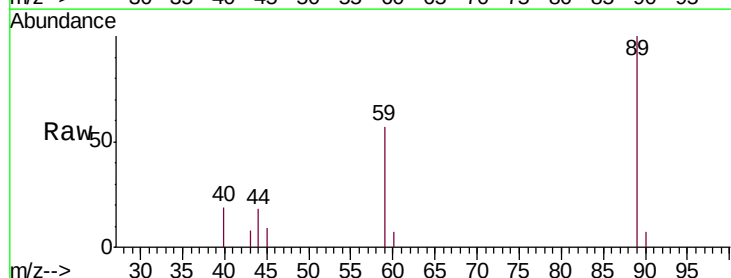
Acq: 19 Aug 2019 12:42

Tgt Ion: 59 Resp: 7303

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

2000

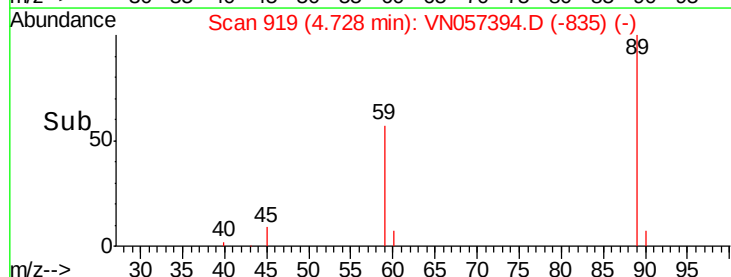
1500

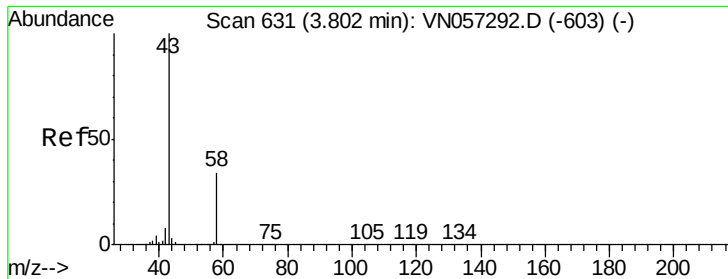
1000

500

0

Time-->





#16

Acetone

Concen: 4.224 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

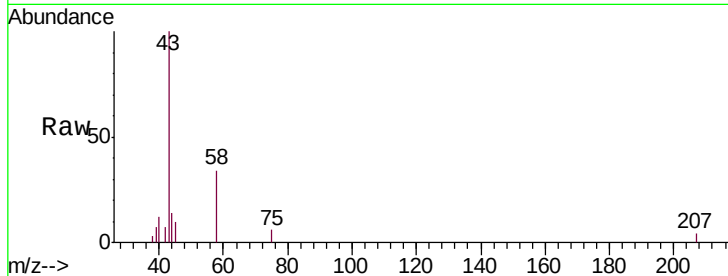
T8-A2-(0)

Tgt Ion: 43 Resp: 17452

Ion Ratio Lower Upper

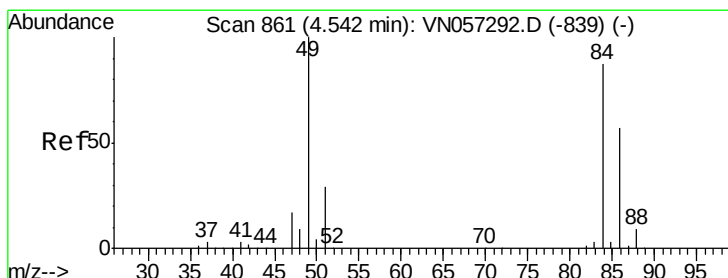
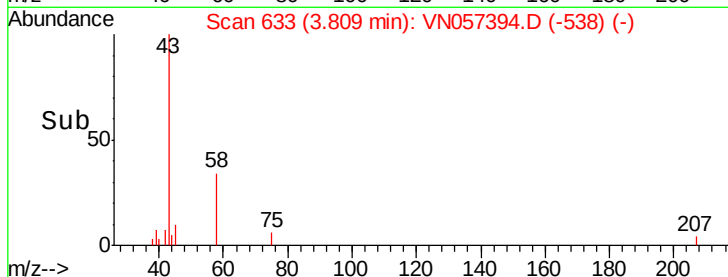
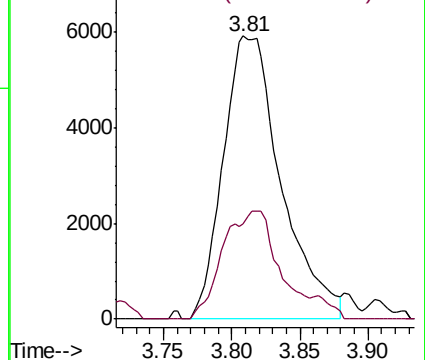
43 100

58 33.6 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 2.045 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Tgt Ion: 84 Resp: 23635

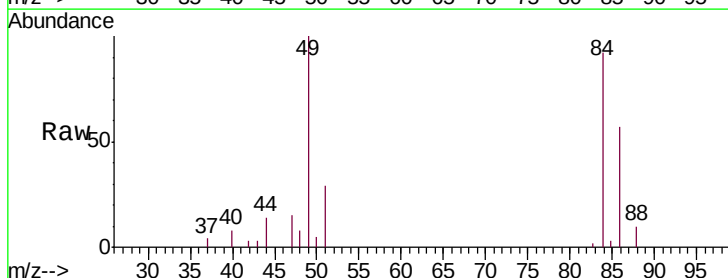
Ion Ratio Lower Upper

84 100

49 108.2 92.0 138.0

51 30.8 27.1 40.7

86 61.8 52.2 78.2

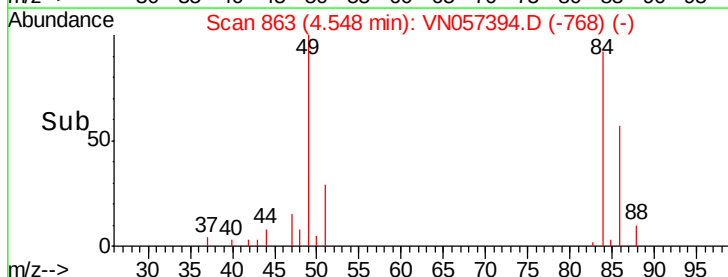
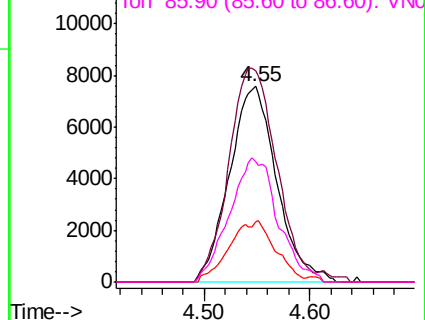


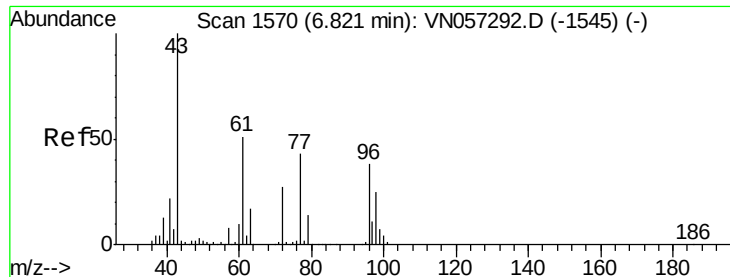
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 0.720 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

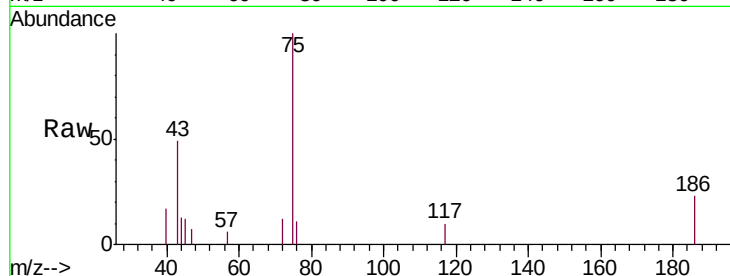
T8-A2-(0)

Tgt Ion: 43 Resp: 4308

Ion Ratio Lower Upper

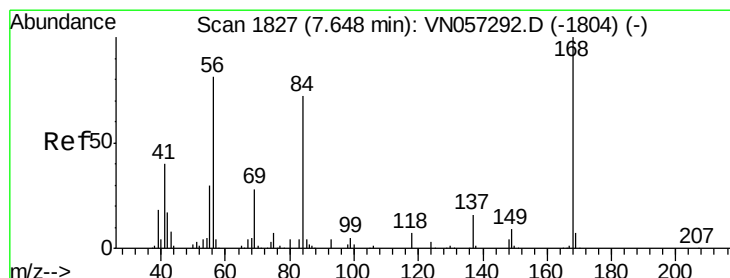
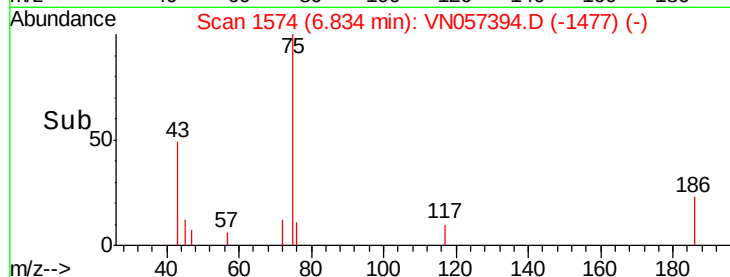
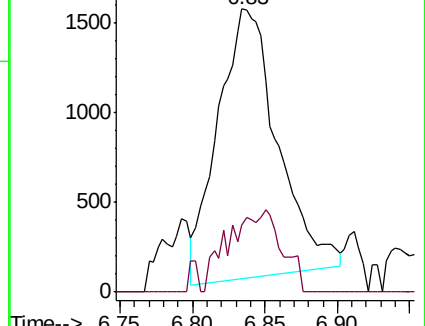
43 100

72 27.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN057292.D (-1545) (-)



#31

Cyclohexane

Concen: 0.969 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

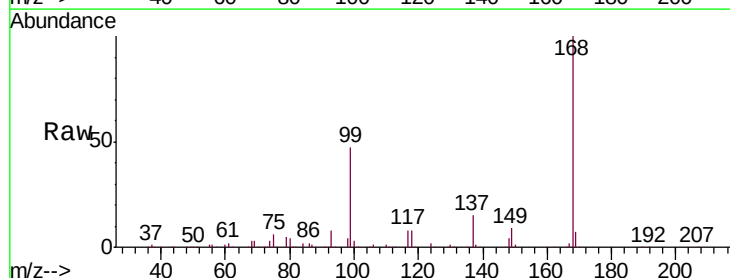
Tgt Ion: 56 Resp: 15728

Ion Ratio Lower Upper

56 100

69 184.8 27.3 40.9#

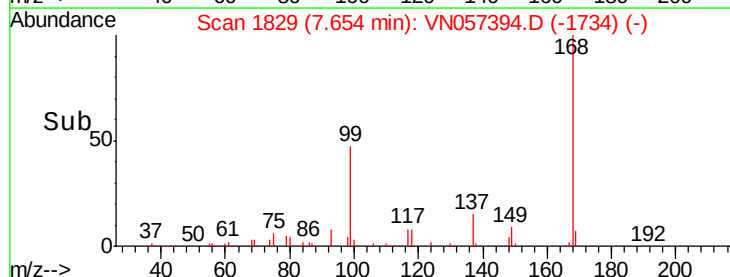
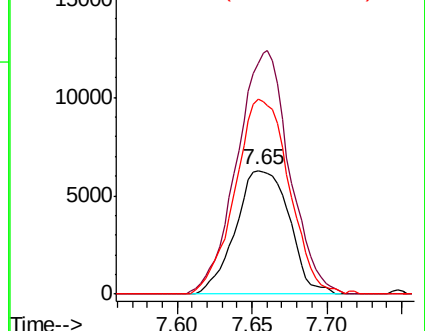
84 157.7 71.0 106.6#

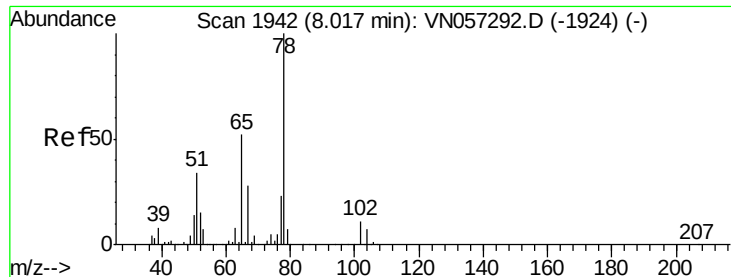


Abundance Ion 56.00 (55.70 to 56.70): VN057292.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN057292.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN057292.D (-1804) (-)

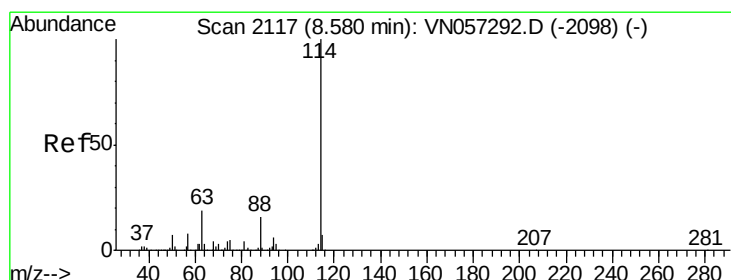
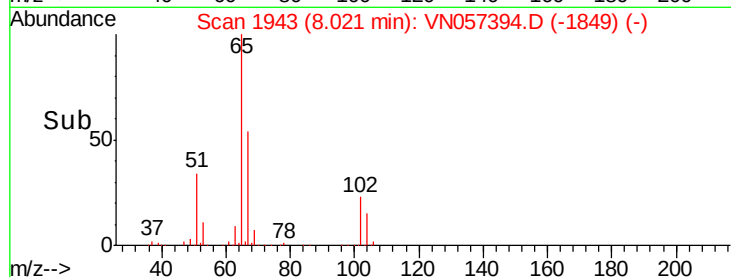
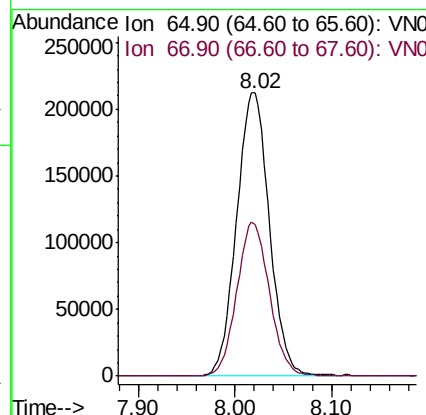
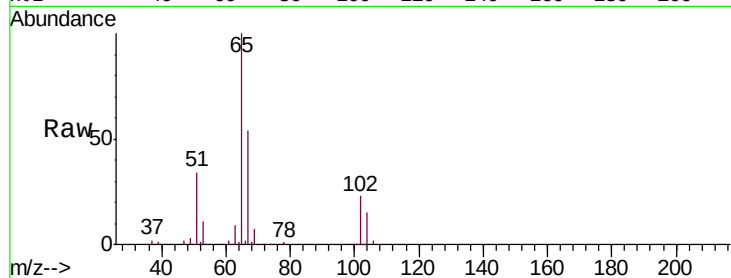




#33
 1,2-Dichloroethane-d4
 Concen: 42.015 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

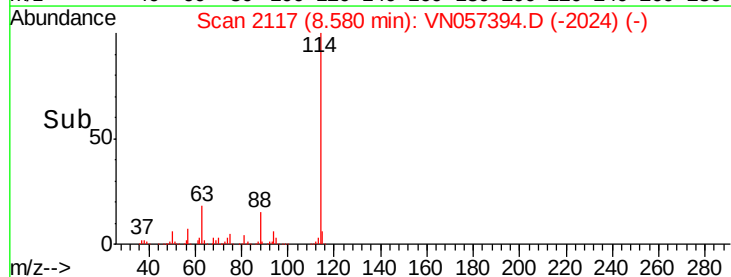
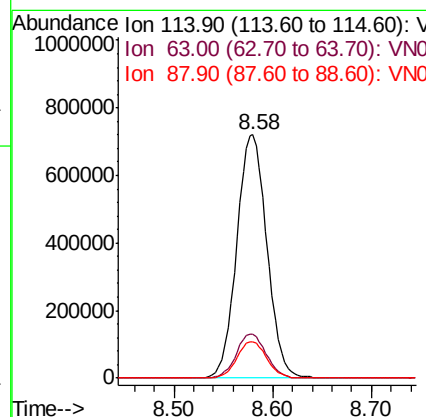
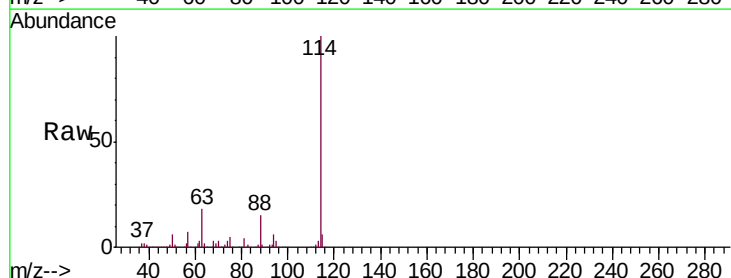
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(0)

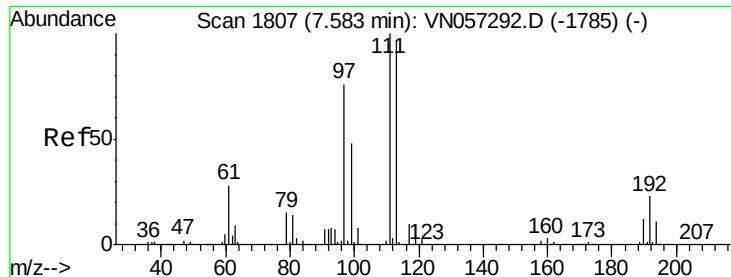
Tgt Ion: 65 Resp: 500411
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

Tgt Ion: 114 Resp: 1529955
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.8
 88 14.9 0.0 31.4

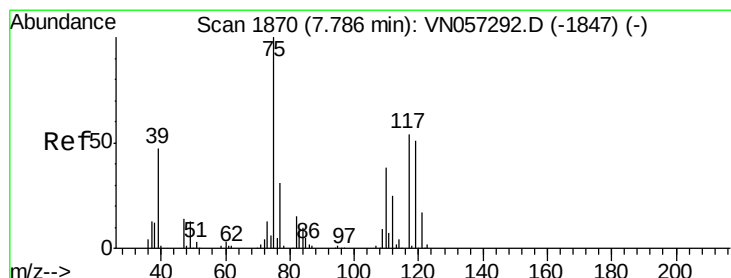
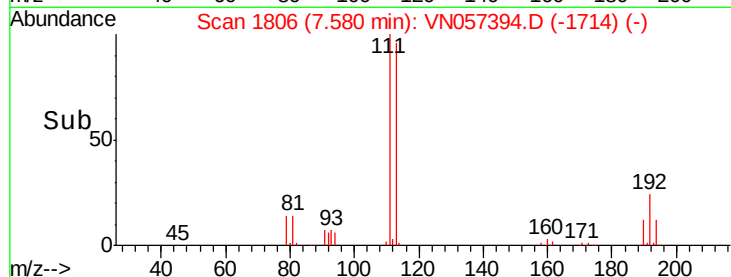
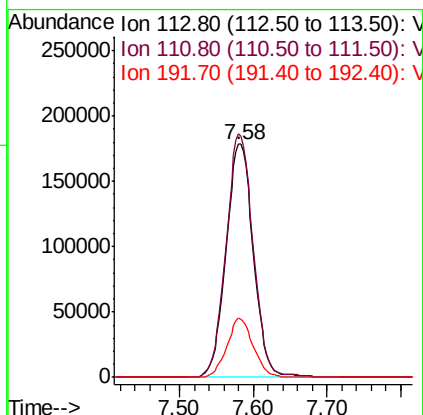
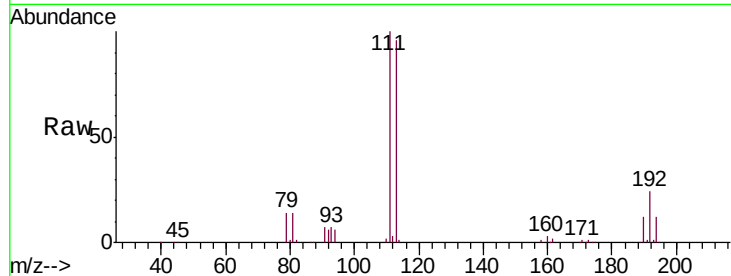




#35
 Dibromofluoromethane
 Concen: 45.805 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

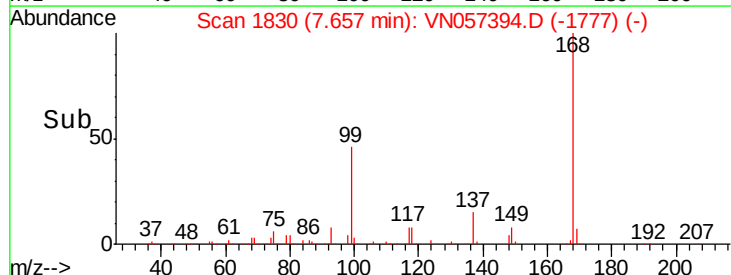
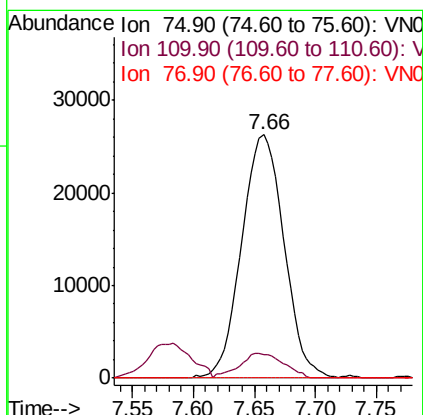
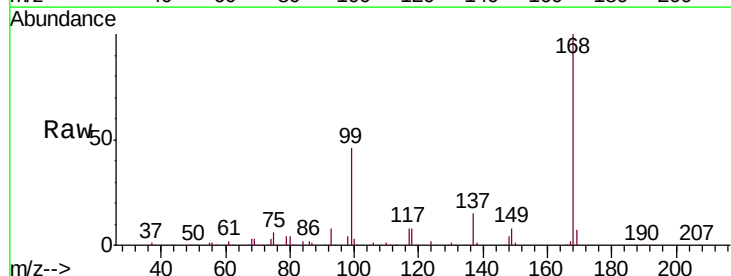
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(0)

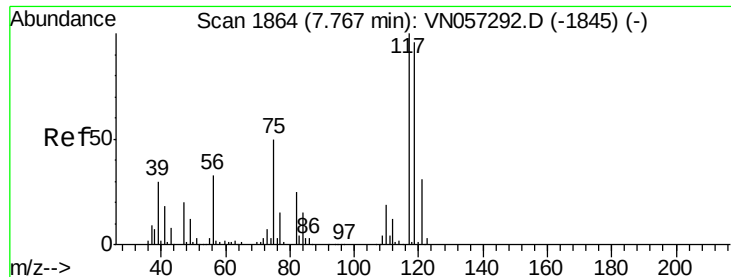
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	24.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.675 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.5	58.5#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.556 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(0)

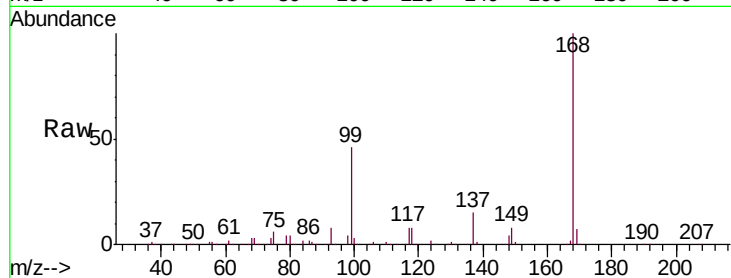
Tgt Ion:117 Resp: 92020

Ion Ratio Lower Upper

117 100

119 5.7 76.8 115.2#

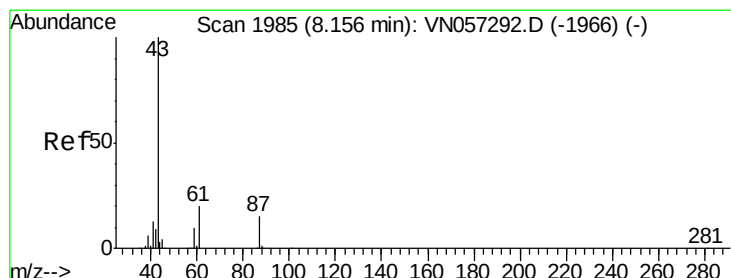
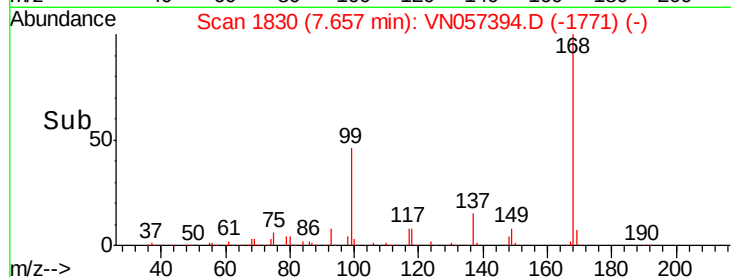
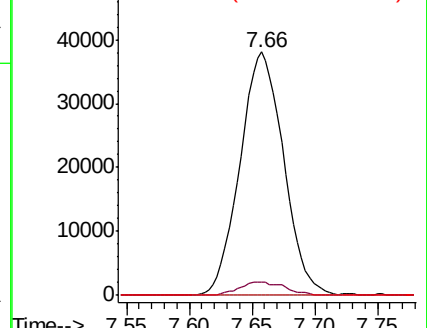
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 10.570 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

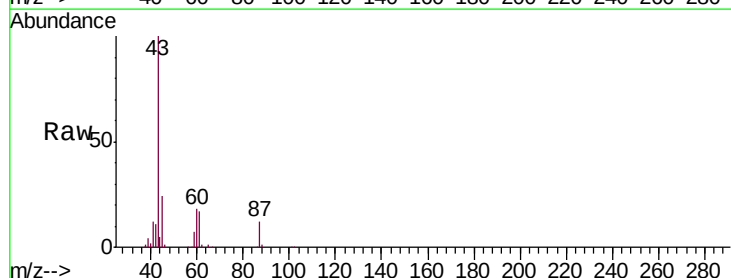
Tgt Ion: 43 Resp: 231873

Ion Ratio Lower Upper

43 100

61 15.8 21.6 32.4#

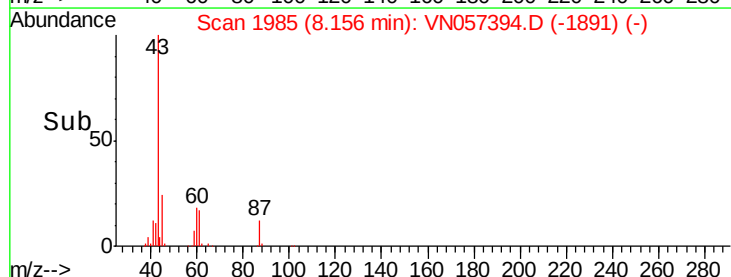
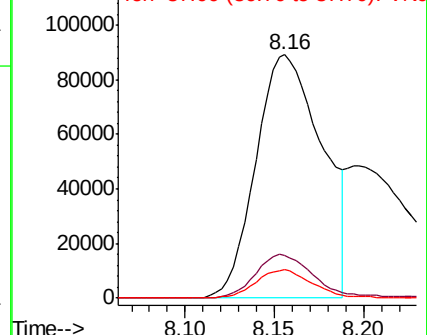
87 9.9 11.4 17.0#

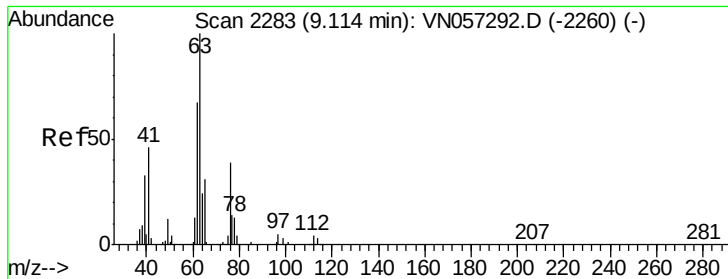


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

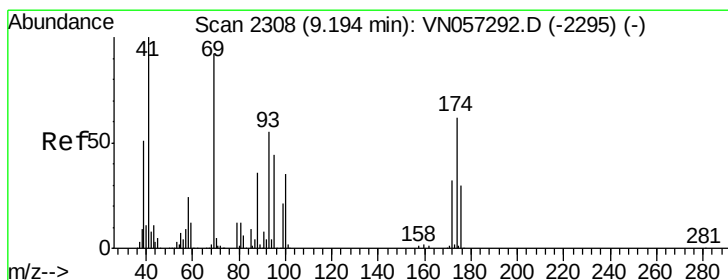
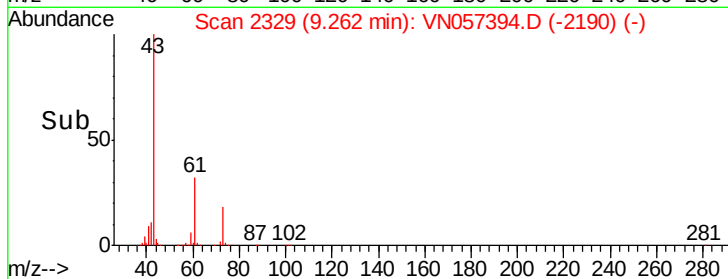
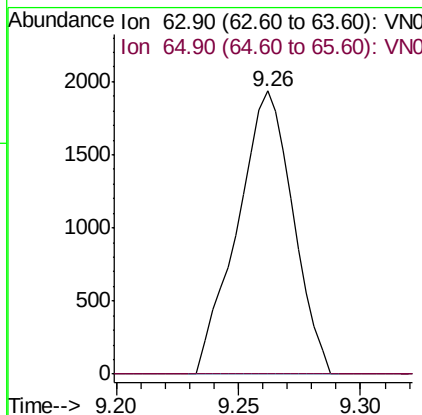
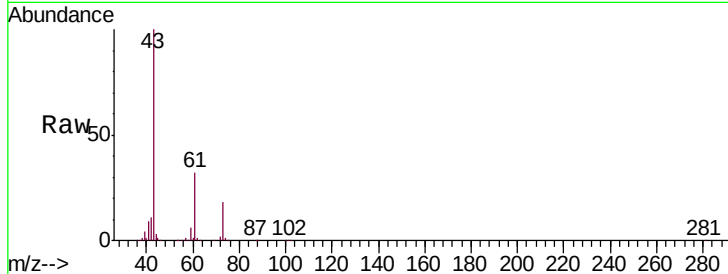




#45
 1,2-Dichloropropane
 Concen: 0.287 ug/l
 RT: 9.26 min Scan# 2329
 Delta R.T. 0.15 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

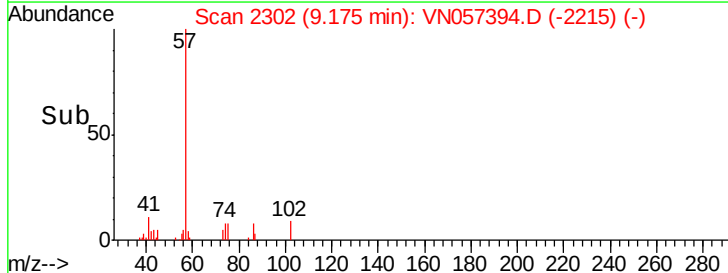
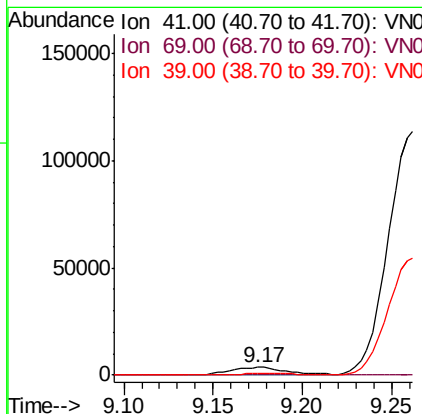
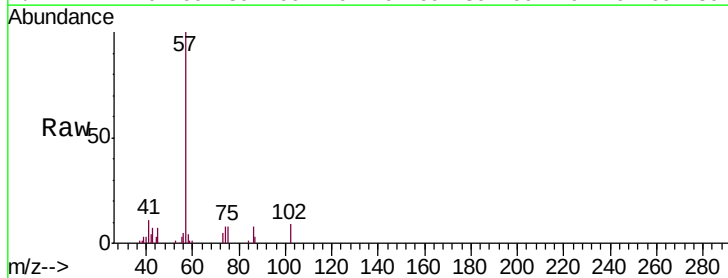
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(0)

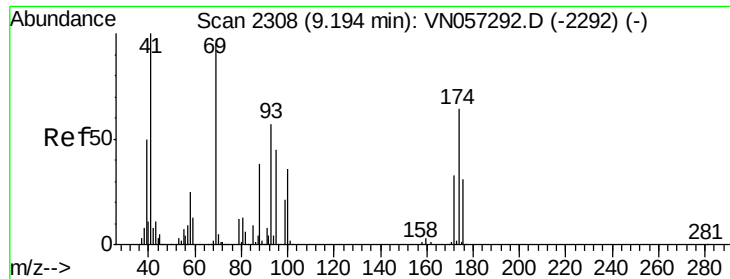
Tgt Ion: 63 Resp: 3057
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 0.918 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

Tgt Ion: 41 Resp: 8363
 Ion Ratio Lower Upper
 41 100
 69 0.0 75.9 113.9#
 39 0.0 42.3 63.5#

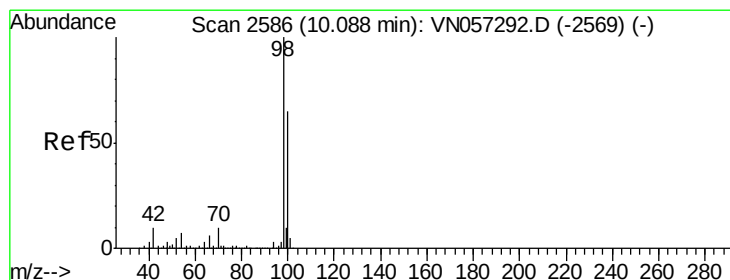
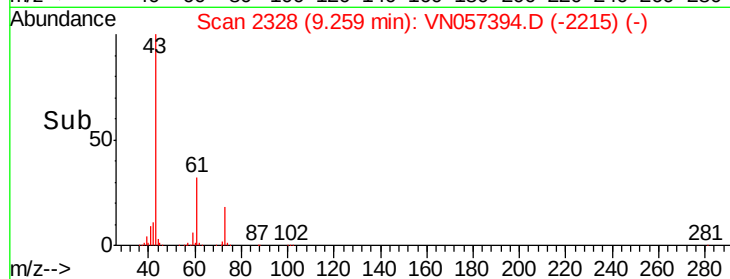
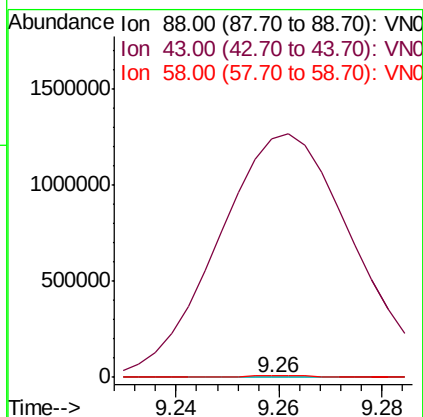
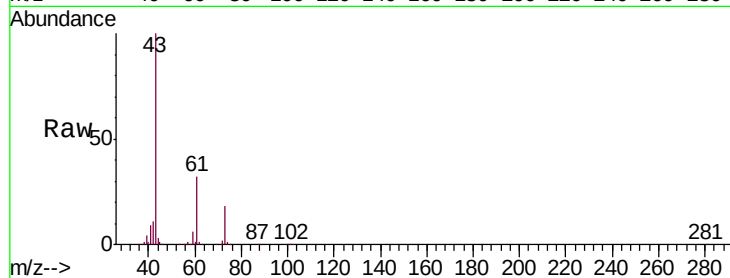




#49
1,4-Dioxane
Concen: 1.670 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN057394.D
Acq: 19 Aug 2019 12:42

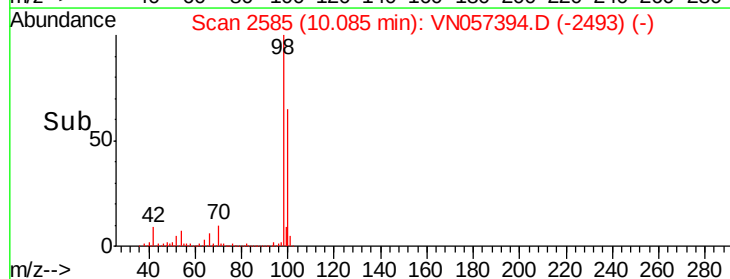
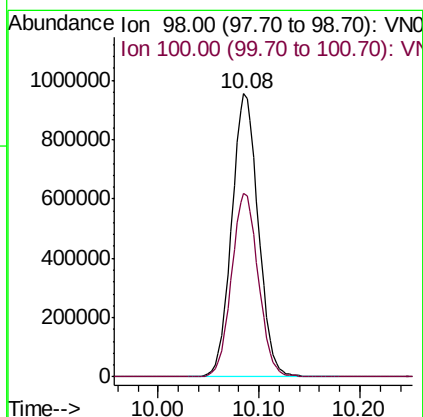
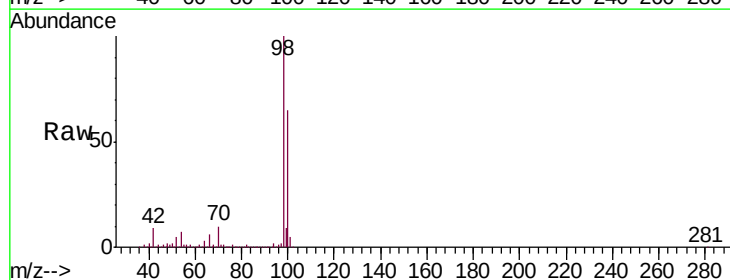
Instrument :
MSVOA_N
ClientSampled :
T8-A2-(0)

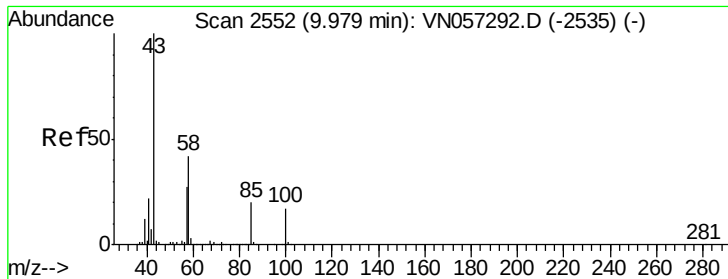
Tgt Ion: 88 Resp: 320
Ion Ratio Lower Upper
88 100
43 734509.4 22.9 34.3#
58 3541.9 52.7 79.1#



#50
Toluene-d8
Concen: 47.756 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057394.D
Acq: 19 Aug 2019 12:42

Tgt Ion: 98 Resp: 1751775
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

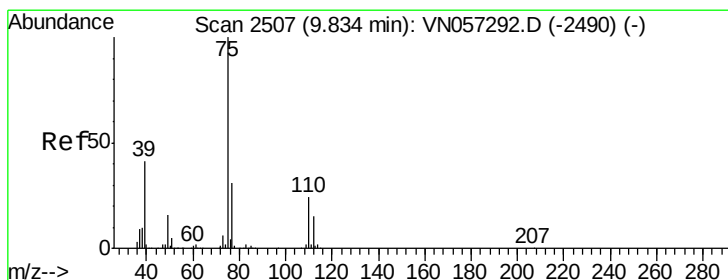
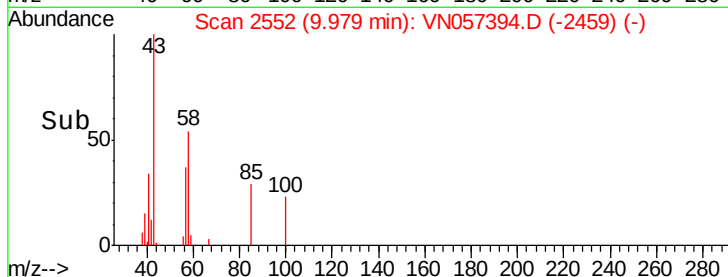
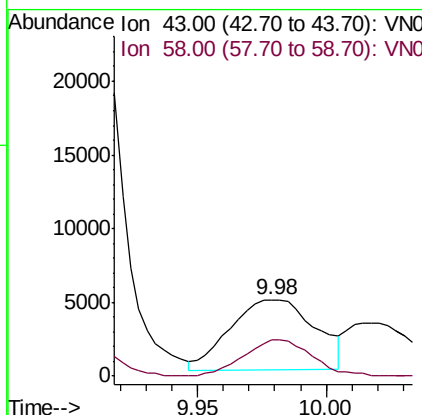
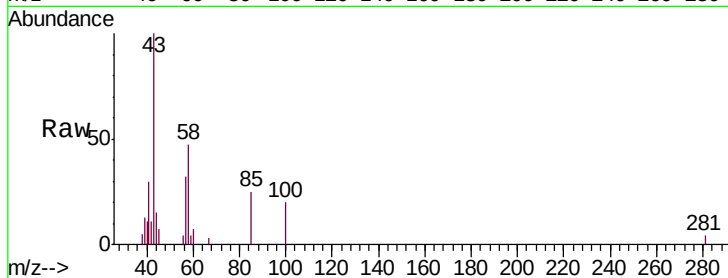




#51
 4-Methyl-2-Pentanone
 Concen: 0.959 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

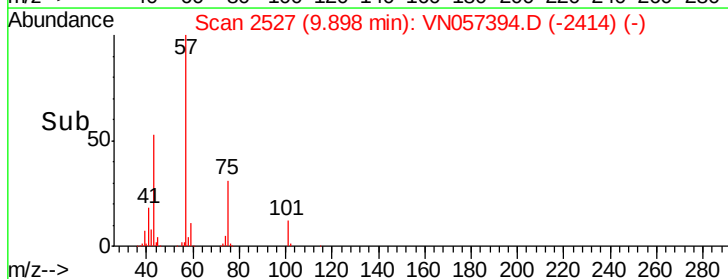
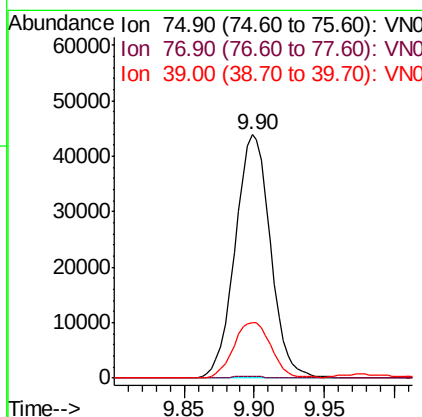
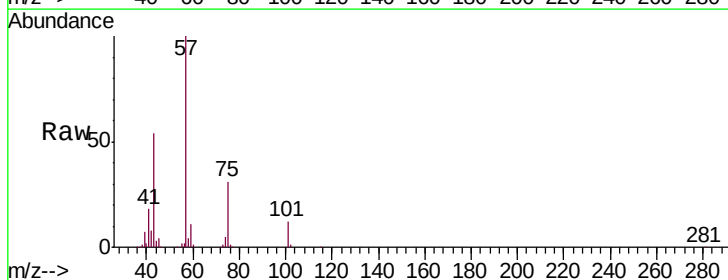
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(0)

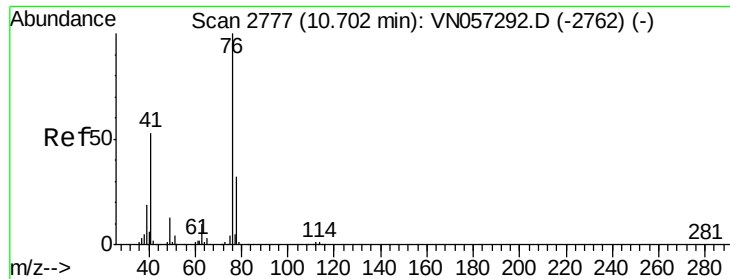
Tgt Ion: 43 Resp: 10946
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.584 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

Tgt Ion: 75 Resp: 76963
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.9 37.3#
 39 22.6 32.7 49.1#

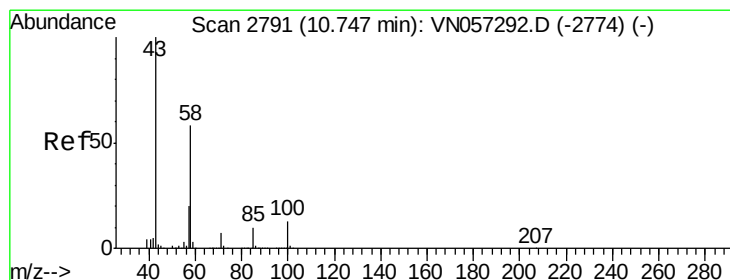
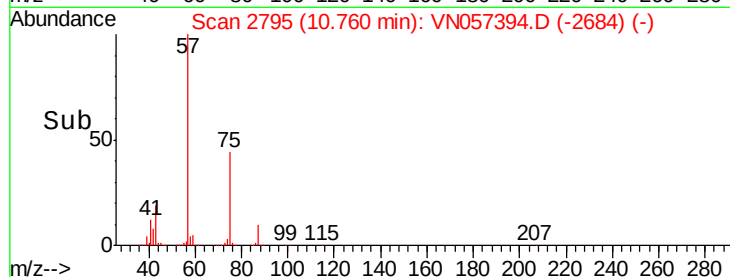
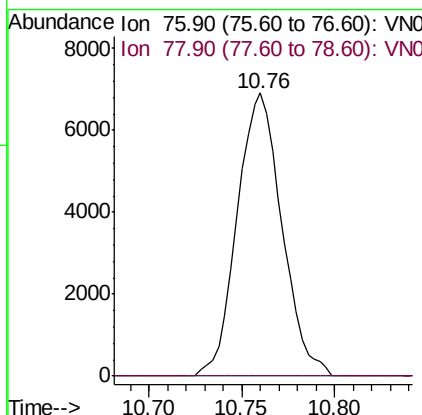
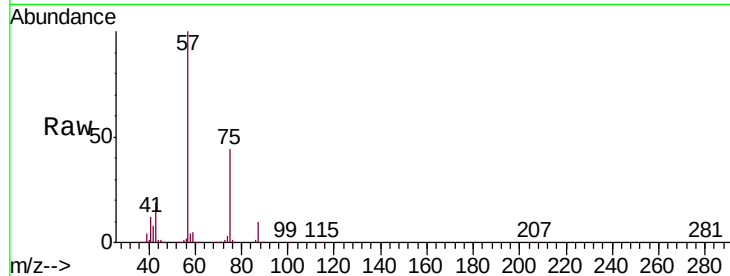




#57
 1,3-Dichloropropane
 Concen: 0.684 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.06 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

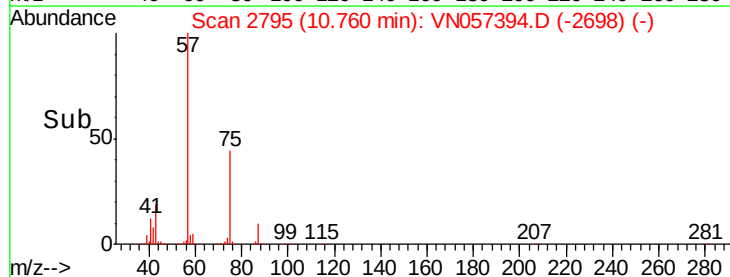
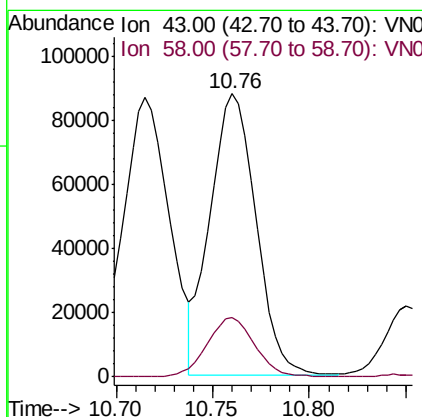
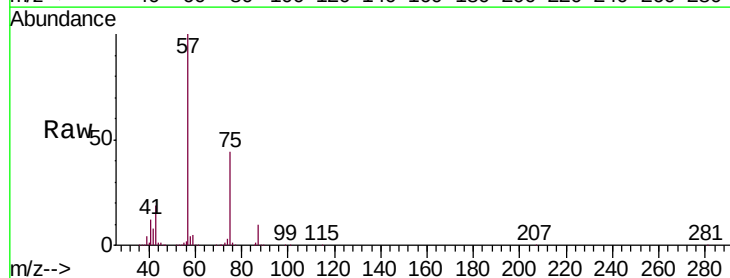
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(0)

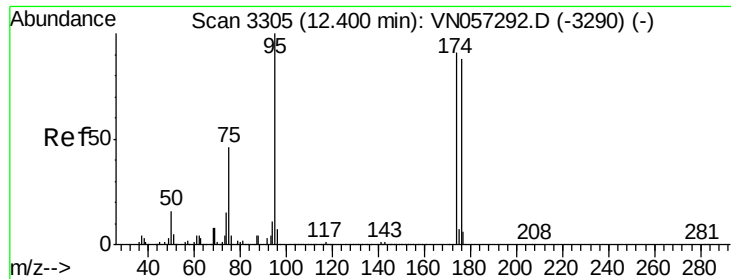
Tgt Ion: 76 Resp: 11554
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 17.770 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

Tgt Ion: 43 Resp: 145818
 Ion Ratio Lower Upper
 43 100
 58 21.8 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 36.395 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(0)

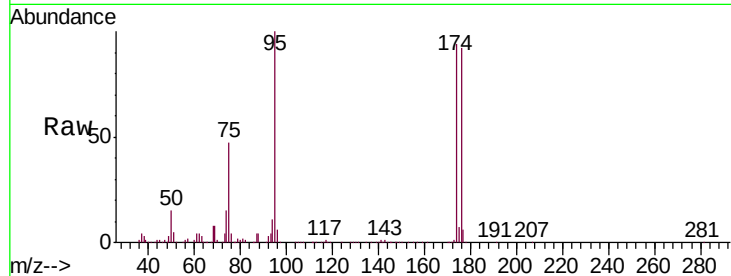
Tgt Ion: 95 Resp: 471787

Ion Ratio Lower Upper

95 100

174 96.8 0.0 185.0

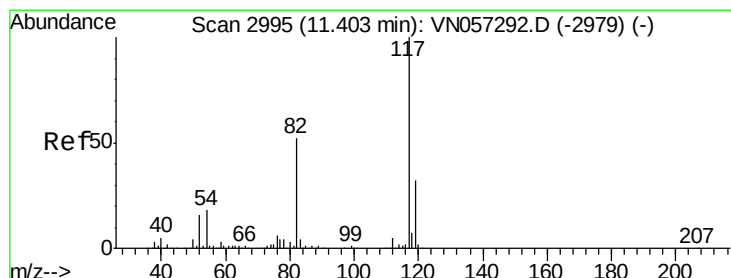
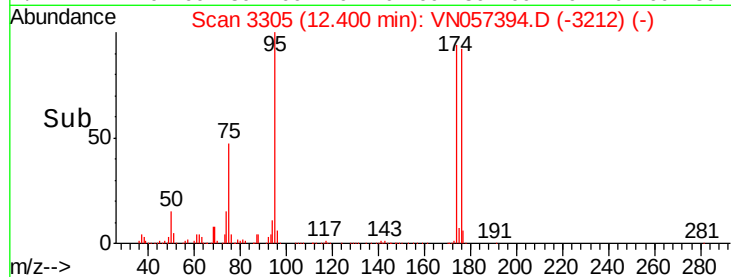
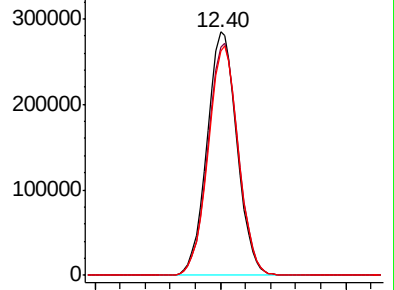
176 94.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VN057292.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057292.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057292.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

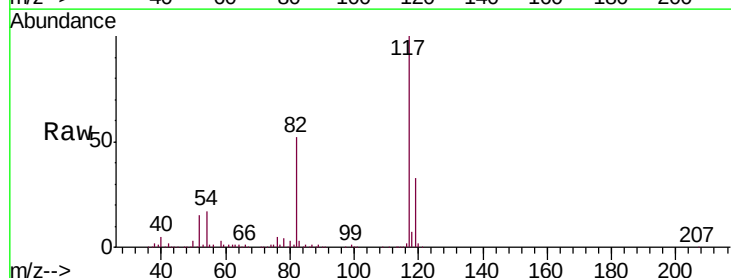
Tgt Ion: 117 Resp: 1277085

Ion Ratio Lower Upper

117 100

82 51.6 41.2 61.8

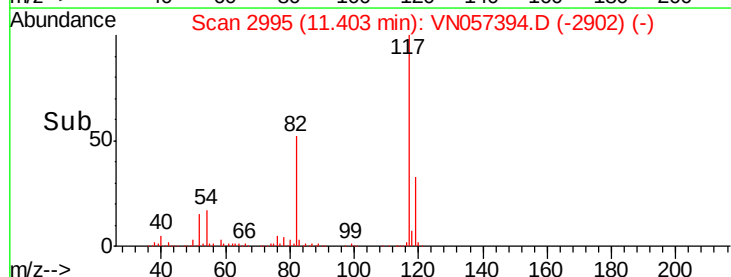
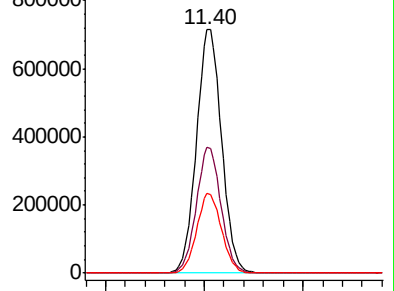
119 32.5 25.8 38.8

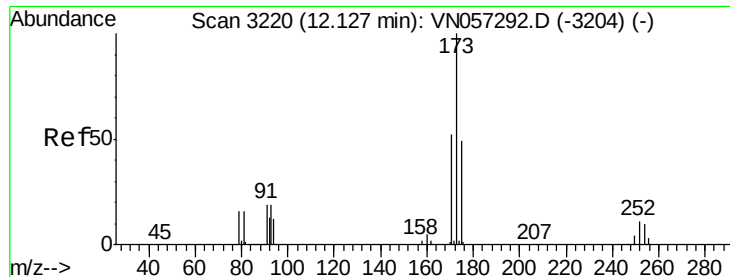


Abundance Ion 116.90 (116.60 to 117.60): VN057292.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN057292.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN057292.D (-2979) (-)





#71

Bromoform

Concen: 0.362 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

T8-A2-(0)

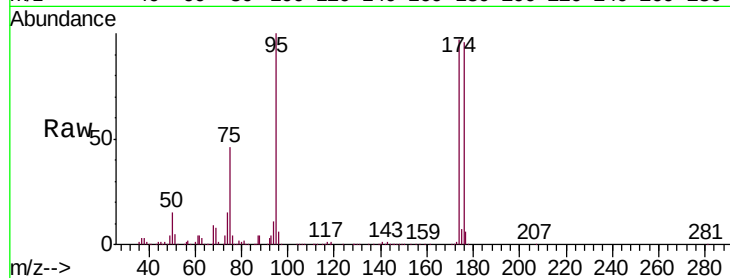
Tgt Ion:173 Resp: 2848

Ion Ratio Lower Upper

173 100

175 1039.7 24.2 72.6#

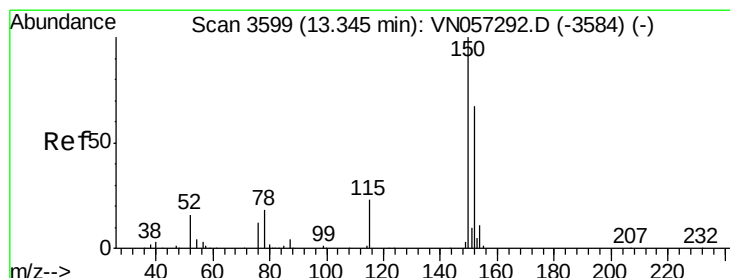
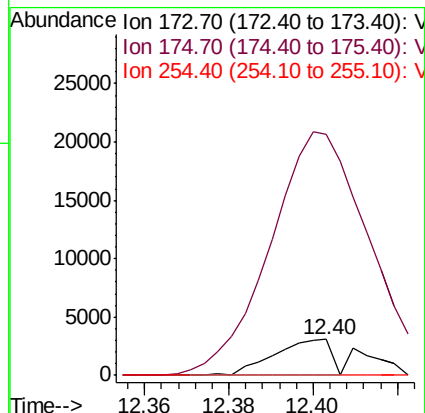
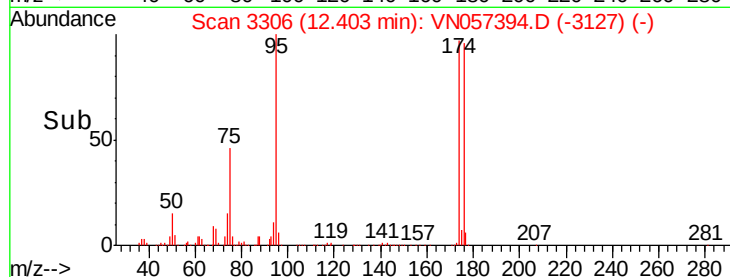
254 0.0 0.2 0.2#



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: VN057394.D

Acq: 19 Aug 2019 12:42

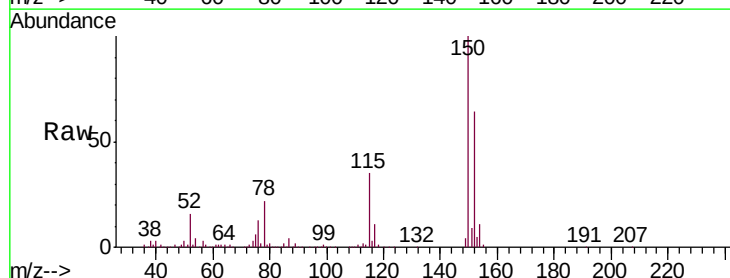
Tgt Ion:152 Resp: 340152

Ion Ratio Lower Upper

152 100

115 54.2 27.3 81.9

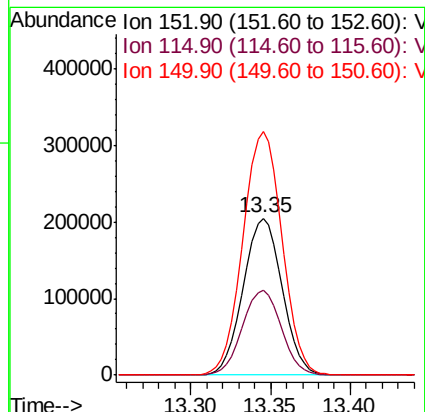
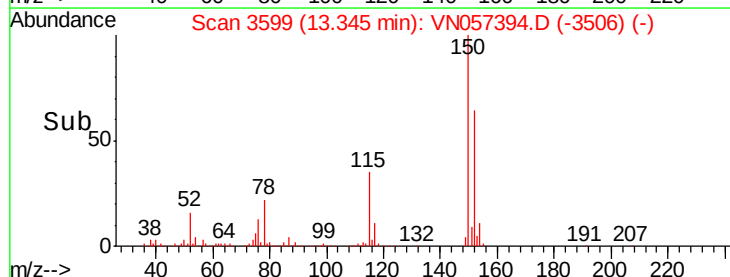
150 156.2 0.0 344.4

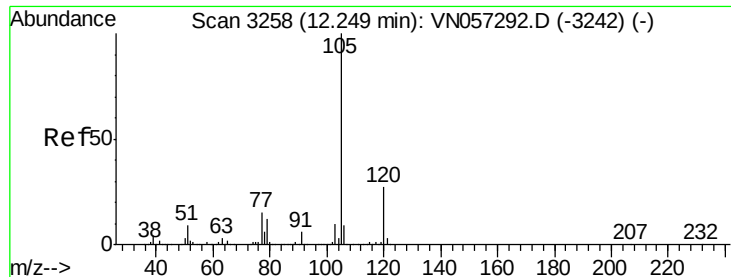


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

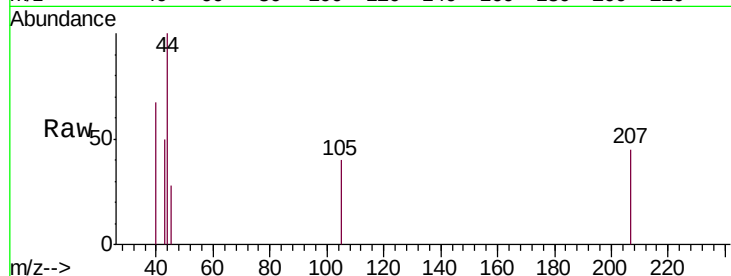
T8-A2-(0)

Tgt Ion: 105 Resp: 221

Ion Ratio Lower Upper

105 100

120 0.0 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

250

200

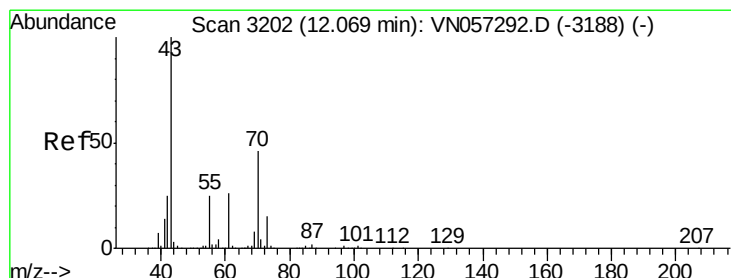
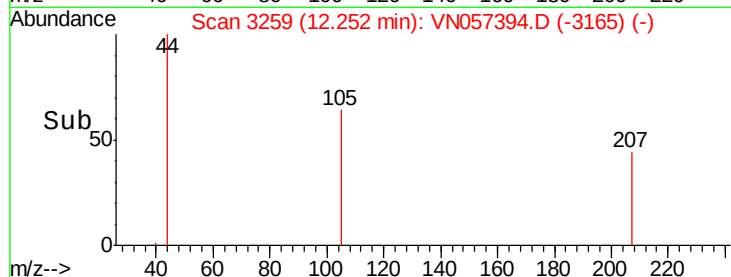
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 0.437 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Tgt Ion: 43 Resp: 4315

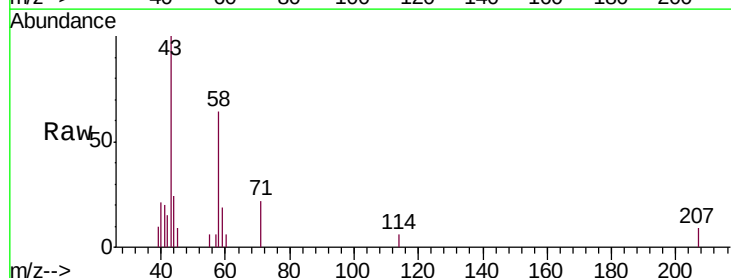
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 4.8 20.1 30.1#

61 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.03

4000

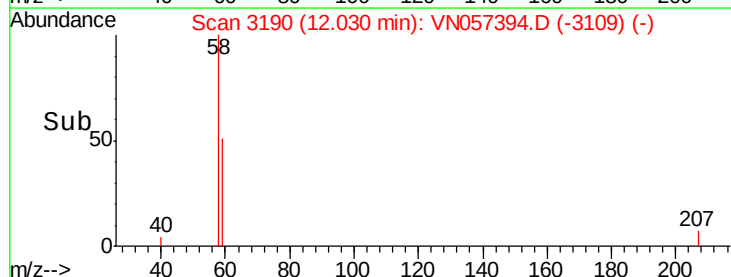
3000

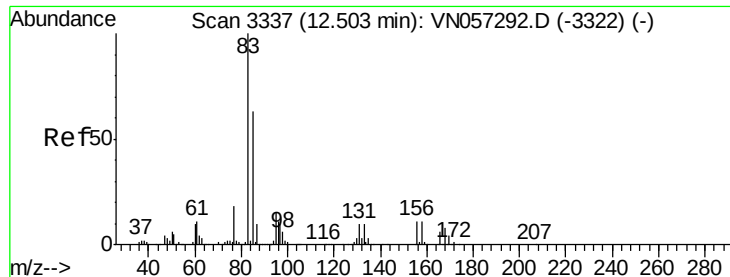
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3308

Delta R.T. -0.09 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampled :

T8-A2-(0)

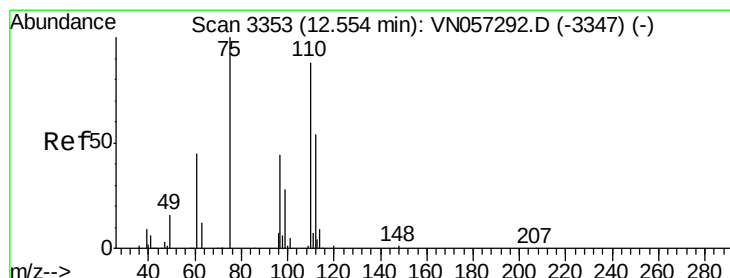
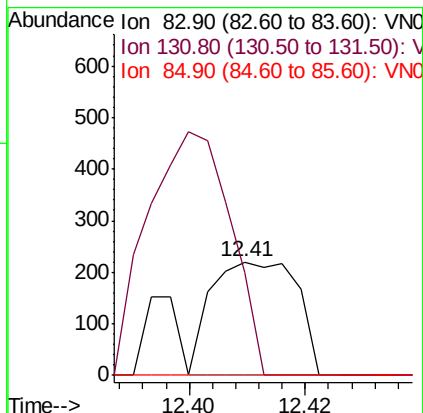
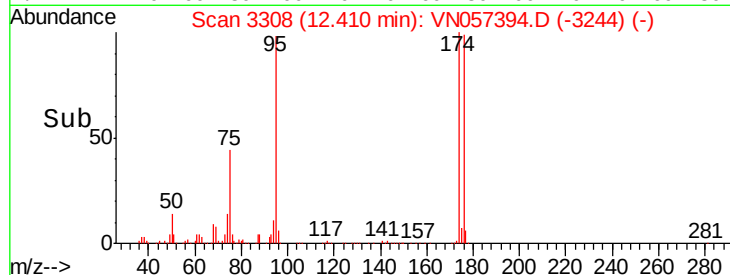
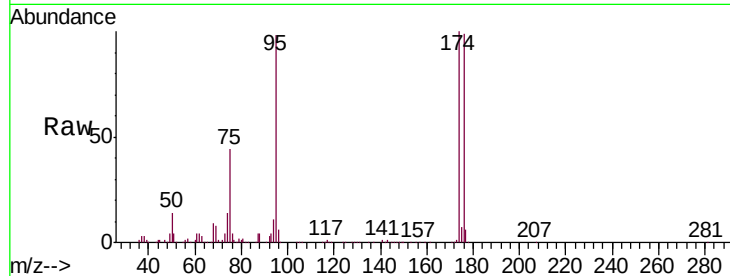
Tgt Ion: 83 Resp: 227

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 31.828 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057394.D

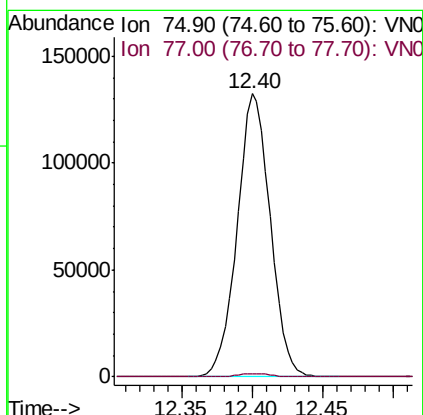
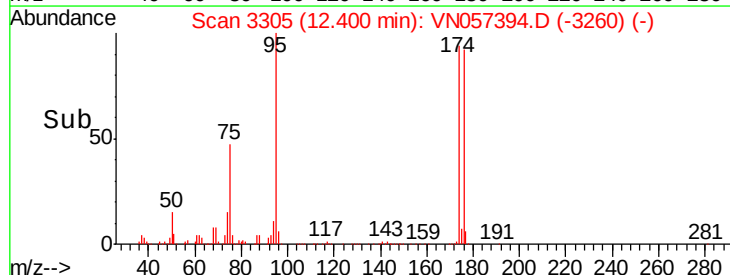
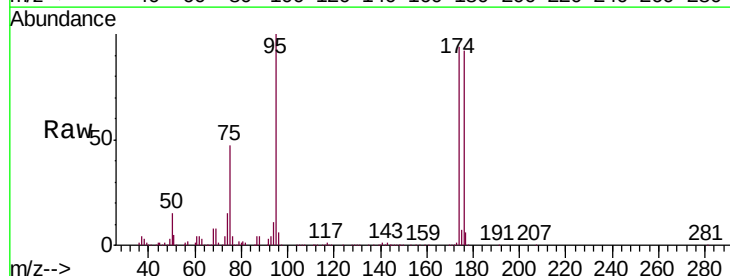
Acq: 19 Aug 2019 12:42

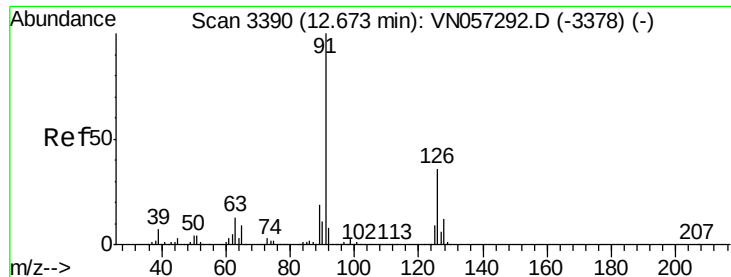
Tgt Ion: 75 Resp: 217716

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

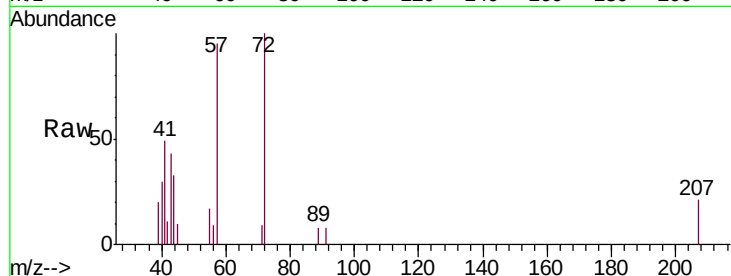
T8-A2-(0)

Tgt Ion: 91 Resp: 141

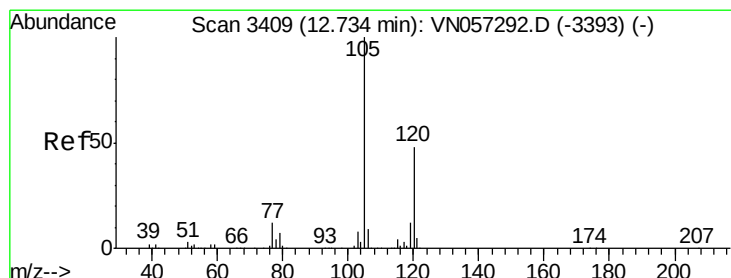
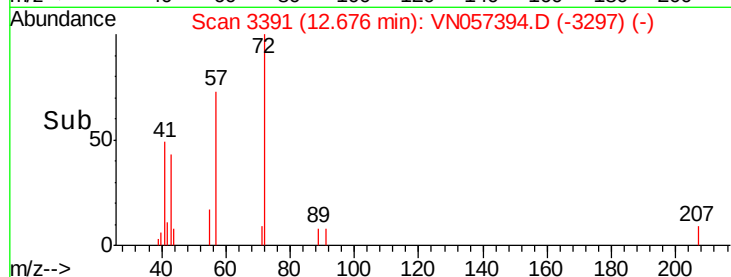
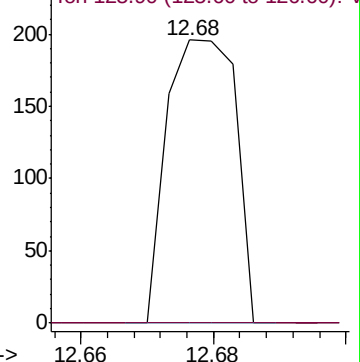
Ion Ratio Lower Upper

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: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057394.D

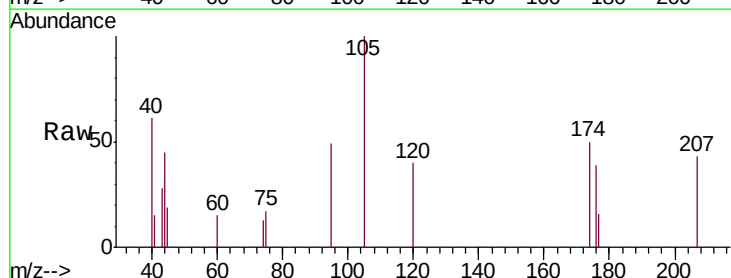
Acq: 19 Aug 2019 12:42

Tgt Ion: 105 Resp: 1382

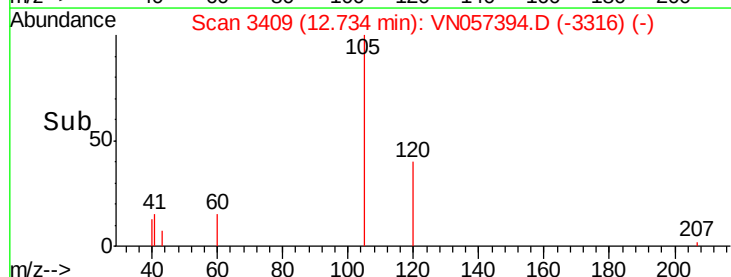
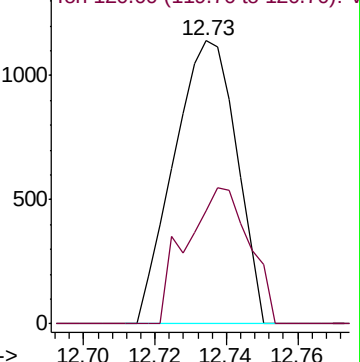
Ion Ratio Lower Upper

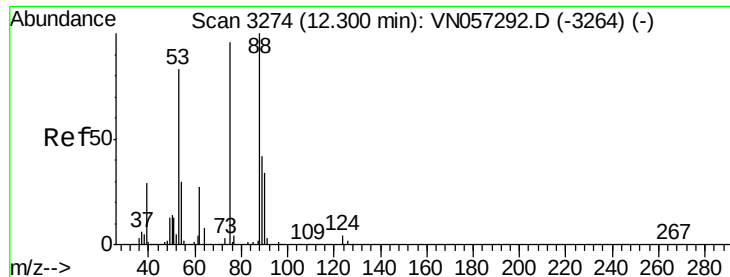
105 100

120 48.8 24.3 73.0



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





#81

trans-1,4-Dichloro-2-butene

Concen: 78.047 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

T8-A2-(0)

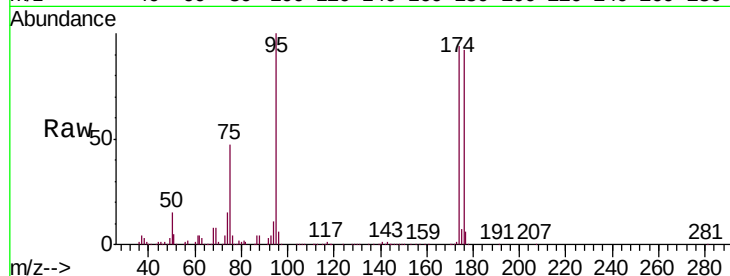
Tgt Ion: 75 Resp: 217716

Ion Ratio Lower Upper

75 100

53 0.0 67.9 101.9#

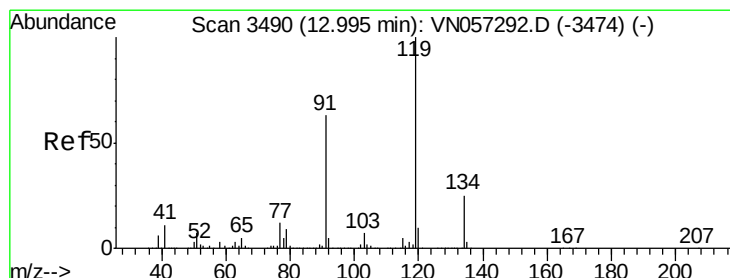
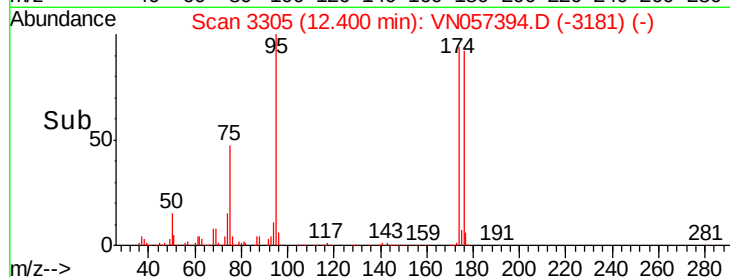
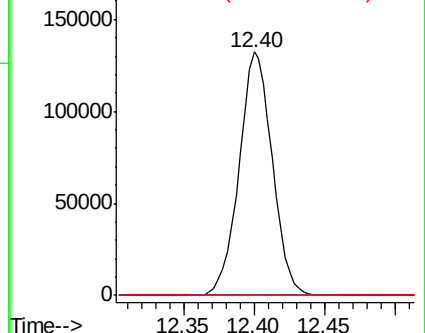
89 0.0 36.2 54.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. -0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

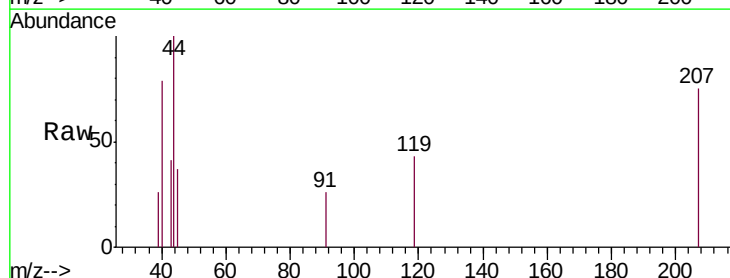
Tgt Ion: 119 Resp: 168

Ion Ratio Lower Upper

119 100

91 95.2 31.3 93.8#

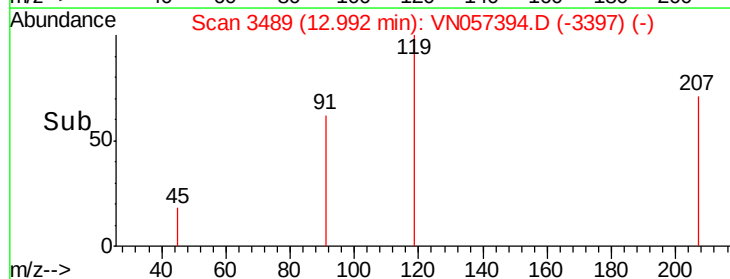
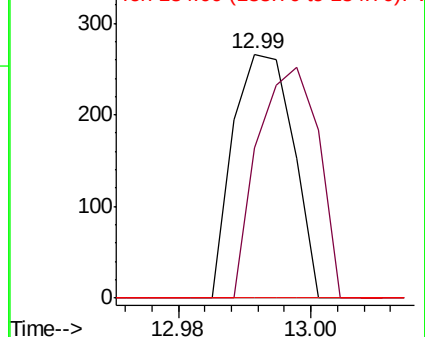
134 0.0 13.1 39.1#

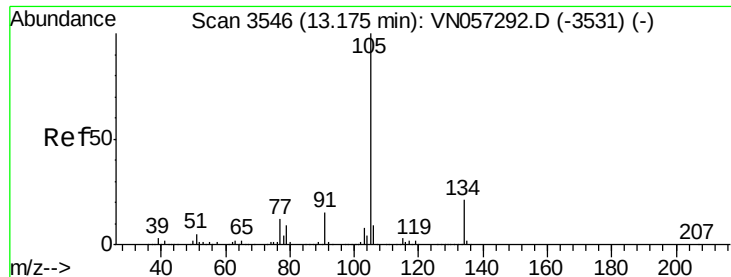


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

Instrument :

MSVOA_N

ClientSampleId :

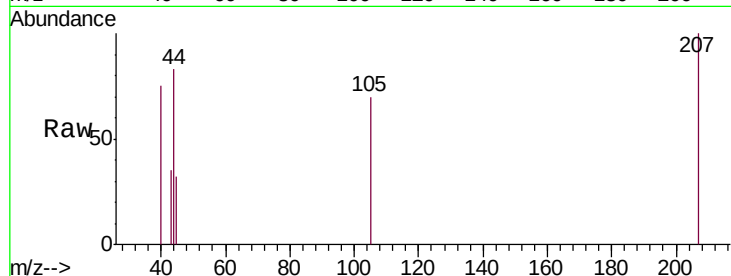
T8-A2-(0)

Tgt Ion:105 Resp: 416

Ion Ratio Lower Upper

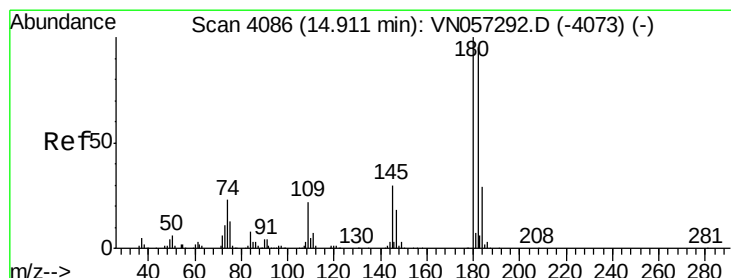
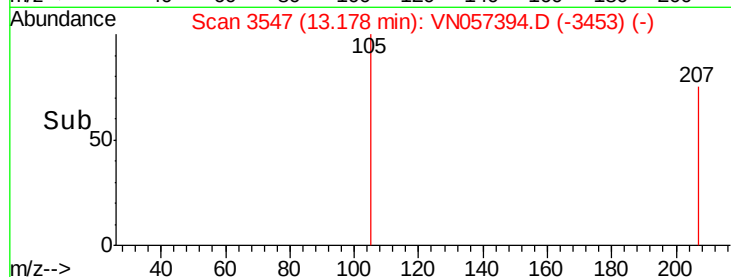
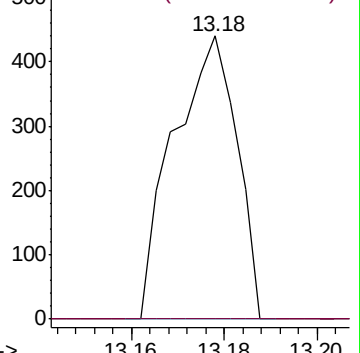
105 100

134 0.0 10.4 31.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#93

1,2,4-Trichlorobenzene

Concen: 5.434 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

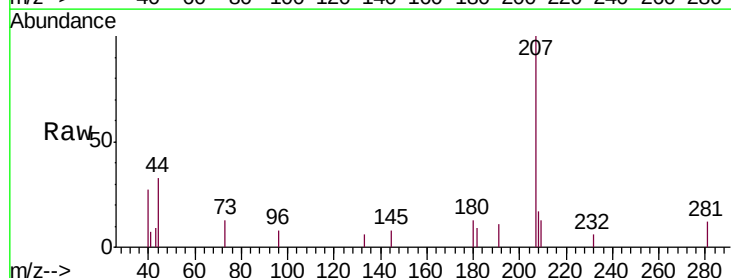
Tgt Ion:180 Resp: 388

Ion Ratio Lower Upper

180 100

182 55.7 48.0 144.2

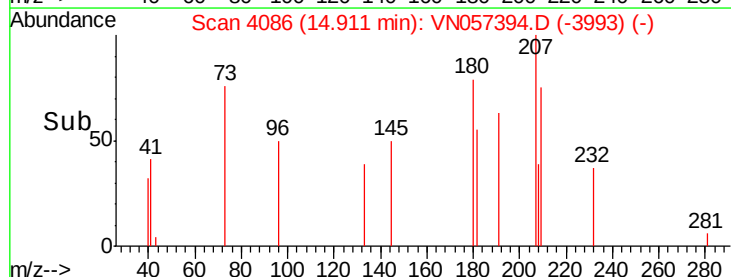
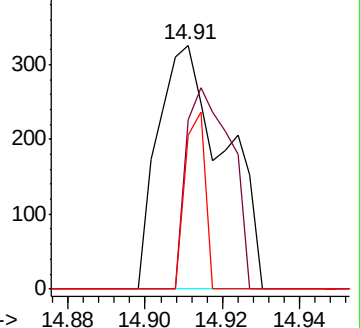
145 21.9 14.5 43.6

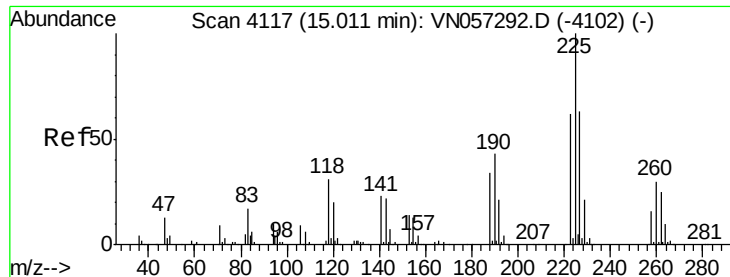


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

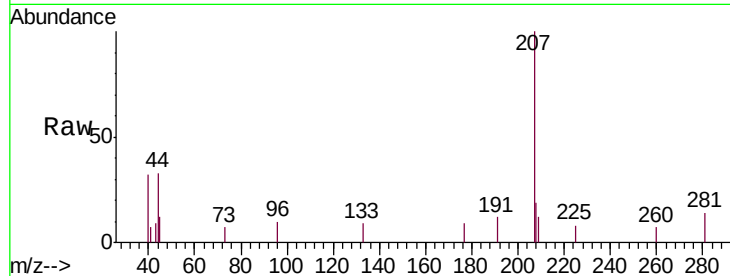
Instrument :

MSVOA_N

ClientSampled :

T8-A2-(0)

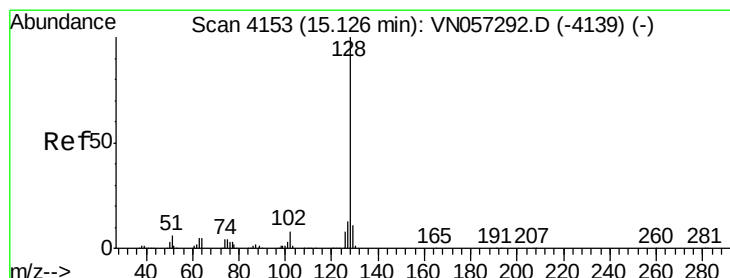
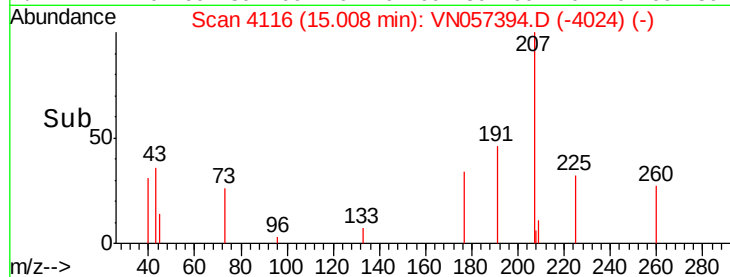
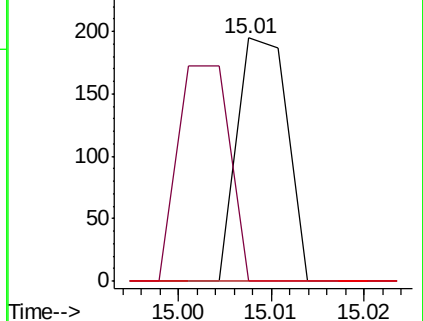
Tgt Ion:	225	Resp:	74
Ion	Ratio	Lower	Upper
225	100		
223	90.5	30.7	92.1
227	0.0	30.9	92.7#



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

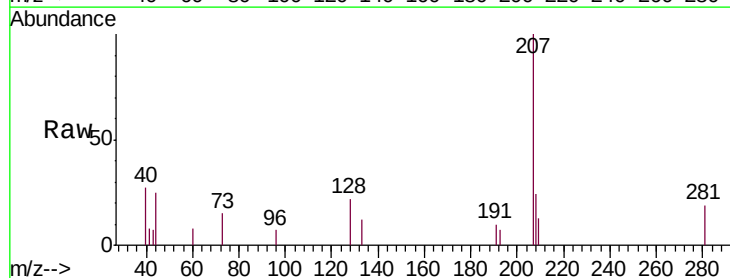
RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN057394.D

Acq: 19 Aug 2019 12:42

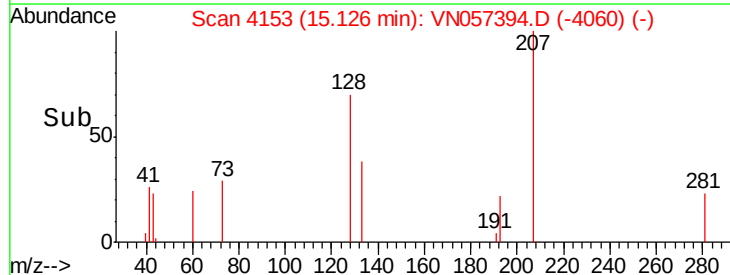
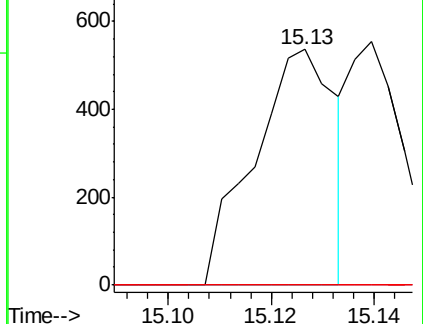
Tgt Ion:	128	Resp:	583
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#

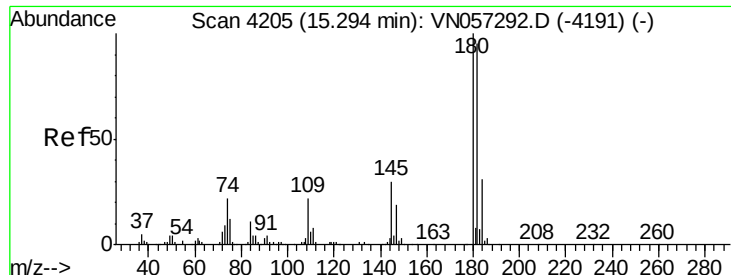


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

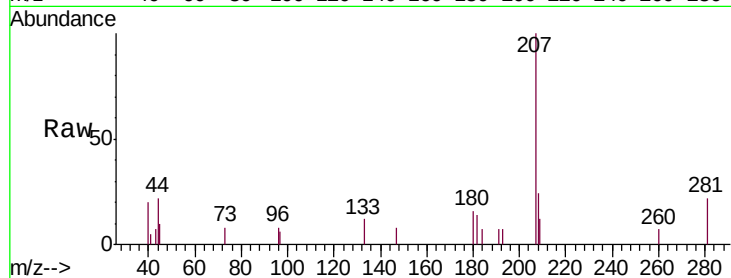




#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 15.30 min Scan# 4206
 Delta R.T. 0.00 min
 Lab File: VN057394.D
 Acq: 19 Aug 2019 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-A2-(0)

Tgt Ion:180 Resp: 527
 Ion Ratio Lower Upper
 180 100
 182 126.8 47.9 143.6
 145 0.0 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

