

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081919\
 Data File : VN057419.D
 Acq On : 20 Aug 2019 00:01
 Operator : JC/SP
 Sample : K4386-22
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(0)

Quant Time: Aug 20 08:49:30 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	1071807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1468311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1237849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	322328	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	489357	42.00	ug/l	0.00
Spiked Amount			Recovery	=	84.00%	
35) Dibromofluoromethane	7.58	113	443600	46.09	ug/l	0.00
Spiked Amount			Recovery	=	92.18%	
50) Toluene-d8	10.08	98	1702916	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.40	95	449916	36.16	ug/l	0.00
Spiked Amount			Recovery	=	72.32%	

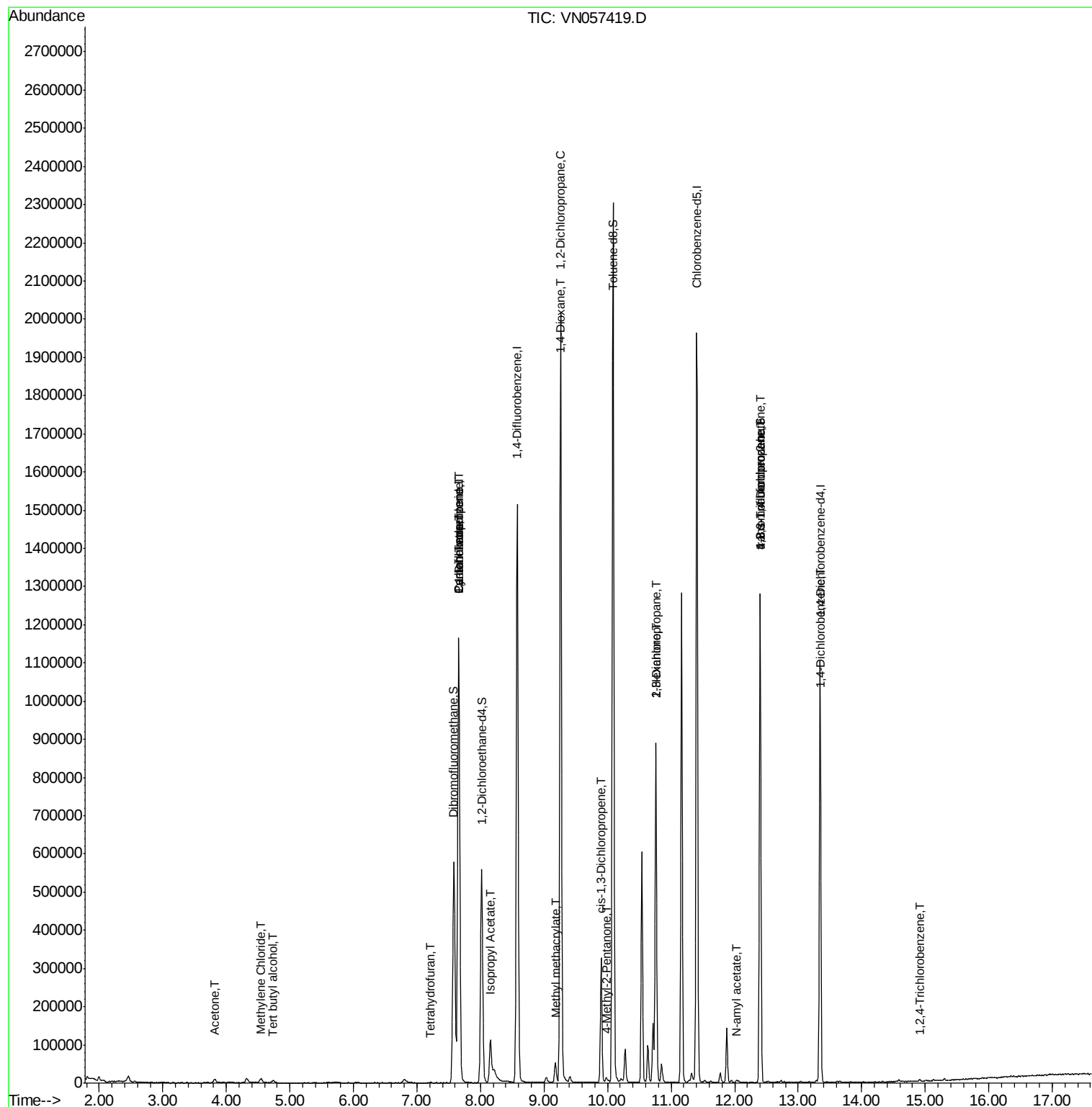
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	5166	3.119	ug/l #	73
16) Acetone	3.82	43	13214	3.269	ug/l	95
18) Methyl Acetate	4.32	43	21350	Below Cal		95
20) Methylene Chloride	4.55	84	8359	0.739	ug/l #	81
29) Tetrahydrofuran	7.21	42	759	0.205	ug/l #	34
31) Cyclohexane	7.66	56	15304	0.964	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	60558	4.671	ug/l #	47
38) Carbon Tetrachloride	7.66	117	88685	6.584	ug/l #	16
43) Isopropyl Acetate	8.16	43	141879	6.321	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	2918	0.285	ug/l #	44
48) Methyl methacrylate	9.17	41	7313	0.836	ug/l #	11
49) 1,4-Dioxane	9.25	88	89	0.484	ug/l #	26
51) 4-Methyl-2-Pentanone	9.98	43	8762	0.800	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	63658	3.950	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	9562	0.590	ug/l #	43
59) 2-Hexanone	10.76	43	124828	15.851	ug/l #	51
73) Isopropylbenzene	12.25	105	1052	Below Cal	#	66
74) N-amyl acetate	12.03	43	3931	0.420	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.39	83	157	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	206505	31.861	ug/l #	100
77) Bromobenzene	12.52	156	209	Below Cal	#	1
79) 2-Chlorotoluene	12.78	91	1836	Below Cal		99
80) 1,3,5-Trimethylbenzene	12.73	105	2262	Below Cal		95
81) trans-1,4-Dichloro-2-buten	12.40	75	206505	78.122	ug/l #	15
83) tert-Butylbenzene	12.99	119	916	Below Cal	#	60
85) sec-Butylbenzene	13.17	105	2399	Below Cal		84
88) 1,4-Dichlorobenzene	13.36	146	2368	0.221	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2093	5.800	ug/l	98
94) Hexachlorobutadiene	15.01	225	593	Below Cal		82
95) Naphthalene	15.13	128	2610	Below Cal	#	94
96) 1,2,3-Trichlorobenzene	15.29	180	2300	Below Cal		83

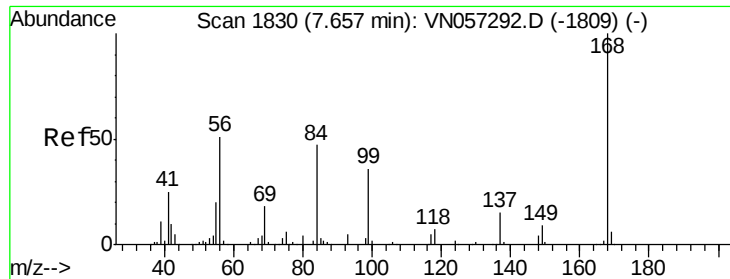
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

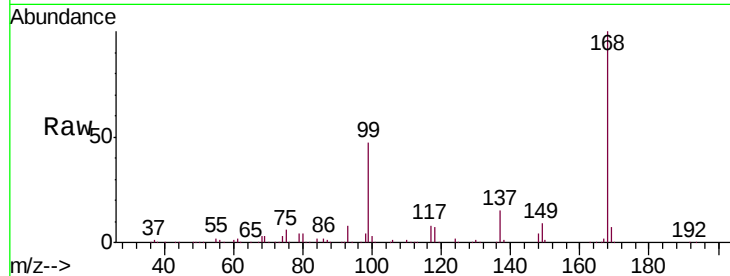
T8-E3-(0)

Tgt Ion:168 Resp: 1071807

Ion Ratio Lower Upper

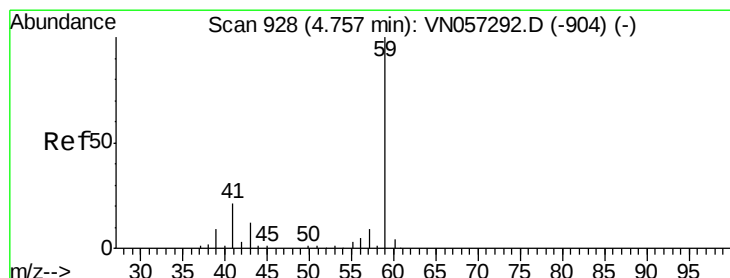
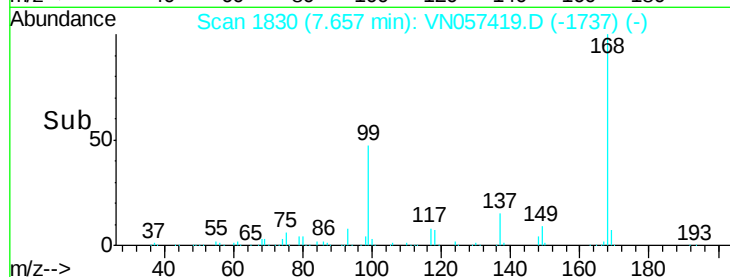
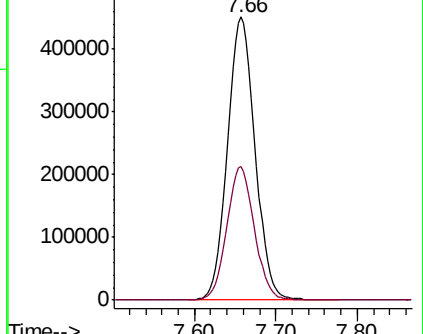
168 100

99 47.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN057292.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057292.D (-1809) (-)



#11

Tert butyl alcohol

Concen: 3.119 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.03 min

Lab File: VN057419.D

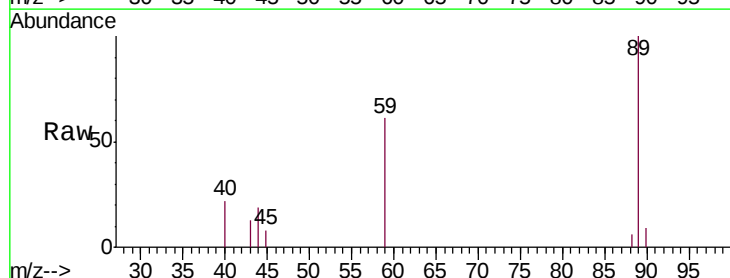
Acq: 20 Aug 2019 00:01

Tgt Ion: 59 Resp: 5166

Ion Ratio Lower Upper

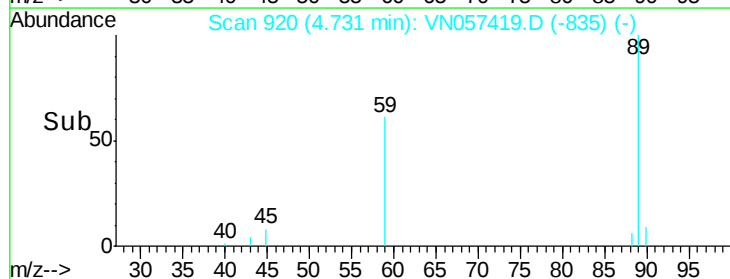
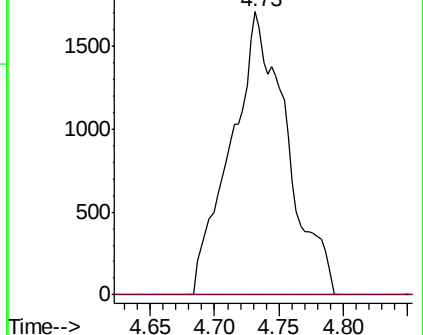
59 100

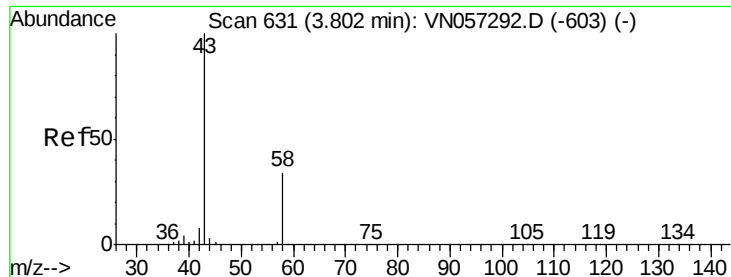
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN057292.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN057292.D (-904) (-)





#16

Acetone

Concen: 3.269 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.02 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

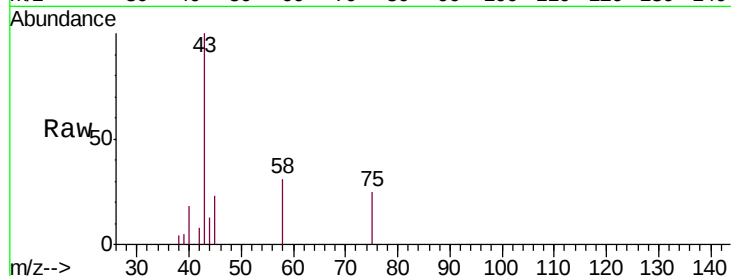
T8-E3-(0)

Tgt Ion: 43 Resp: 13214

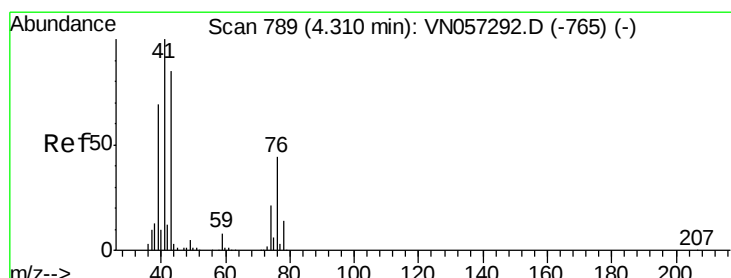
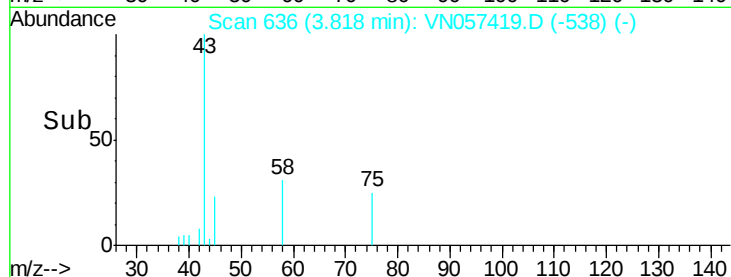
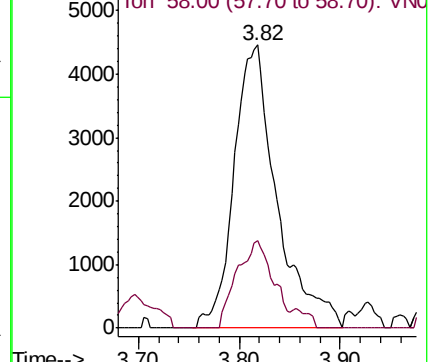
Ion Ratio Lower Upper

43 100

58 31.1 27.0 40.6



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



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057419.D

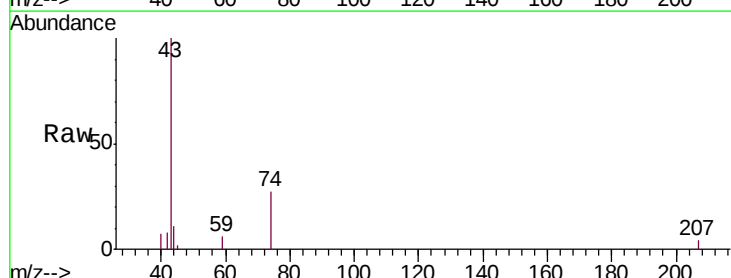
Acq: 20 Aug 2019 00:01

Tgt Ion: 43 Resp: 21350

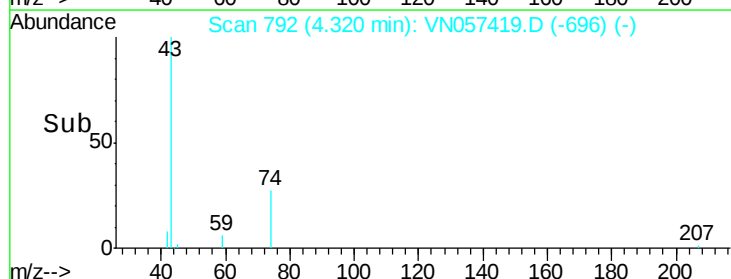
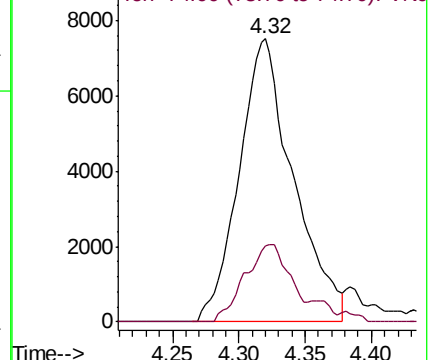
Ion Ratio Lower Upper

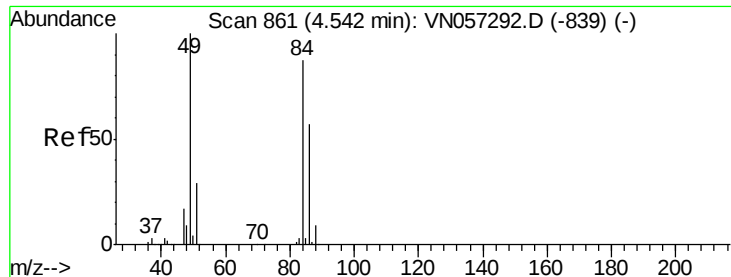
43 100

74 22.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN057292.D (-765) (-)

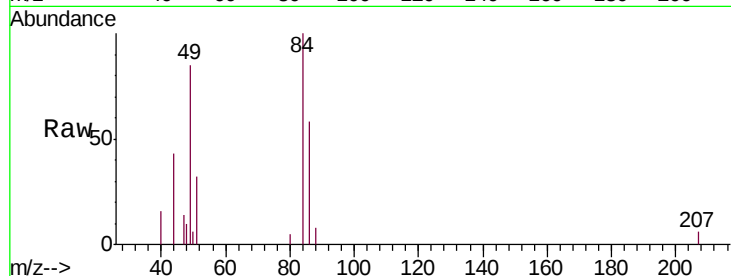




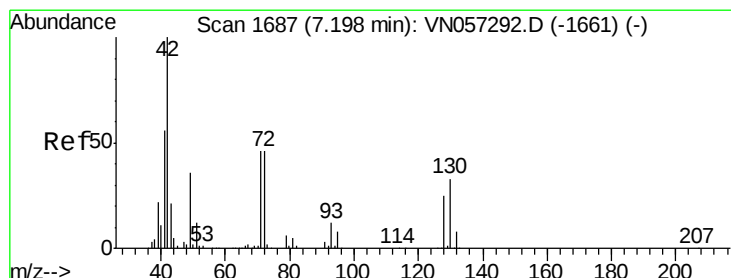
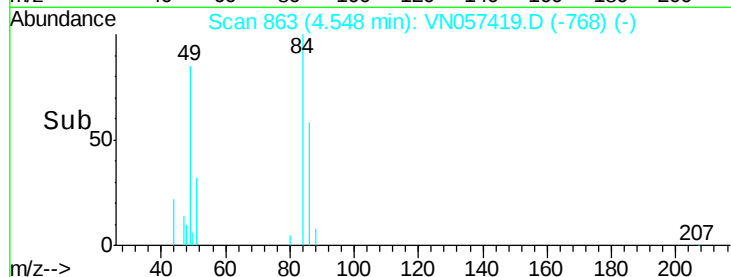
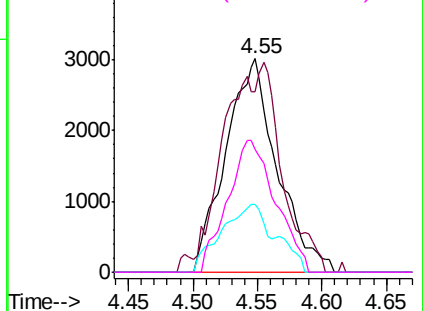
#20
Methylene Chloride
Concen: 0.739 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :
T8-E3-(0)

Tgt Ion:	84	Resp:	8359
Ion	Ratio	Lower	Upper
84	100		
49	84.7	92.0	138.0#
51	31.6	27.1	40.7
86	57.7	52.2	78.2

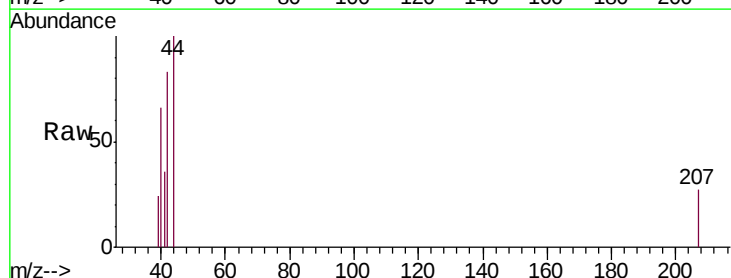


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

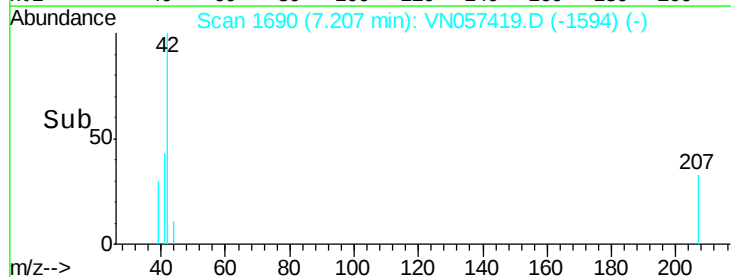
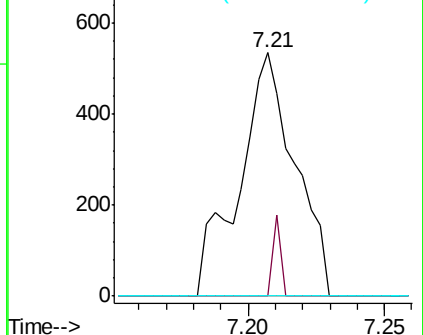


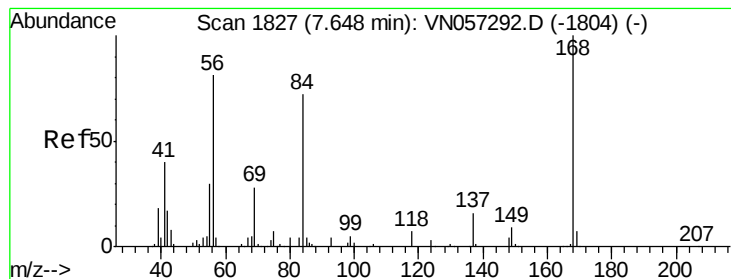
#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

Tgt Ion:	42	Resp:	759
Ion	Ratio	Lower	Upper
42	100		
72	4.6	37.8	56.6#
71	0.0	35.7	53.5#



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.964 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampled :

T8-E3-(0)

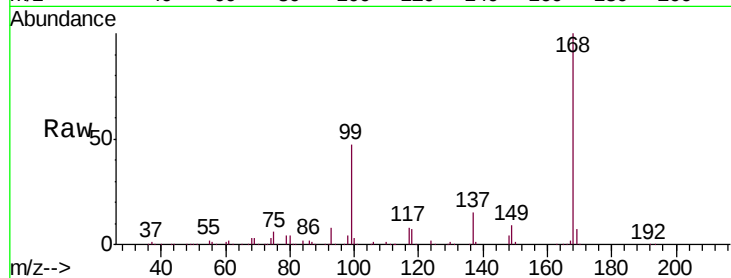
Tgt Ion: 56 Resp: 15304

Ion Ratio Lower Upper

56 100

69 213.3 27.3 40.9#

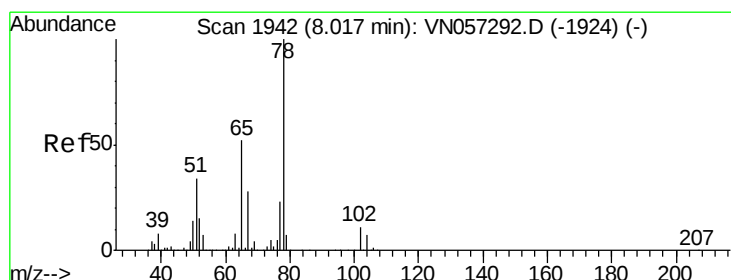
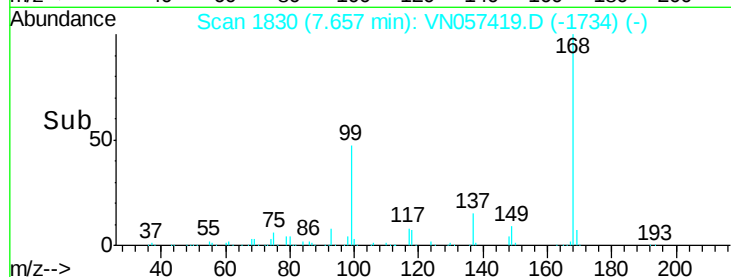
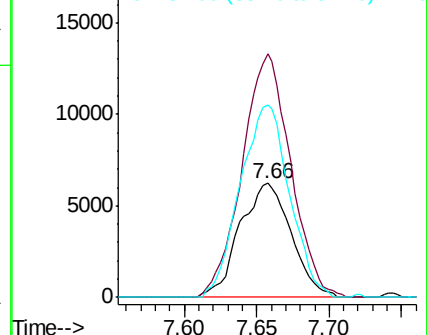
84 168.8 71.0 106.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 41.999 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057419.D

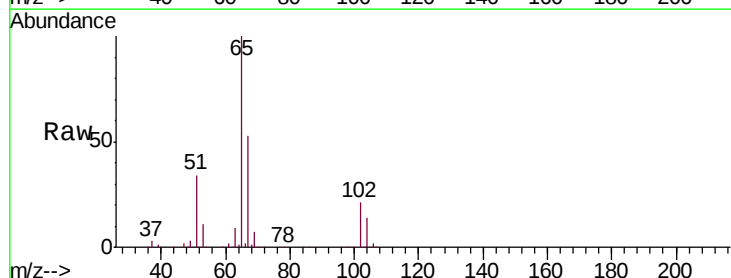
Acq: 20 Aug 2019 00:01

Tgt Ion: 65 Resp: 489357

Ion Ratio Lower Upper

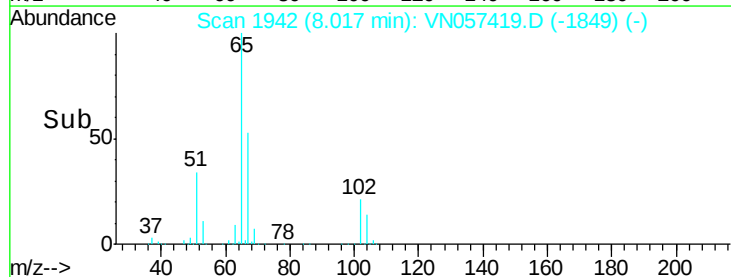
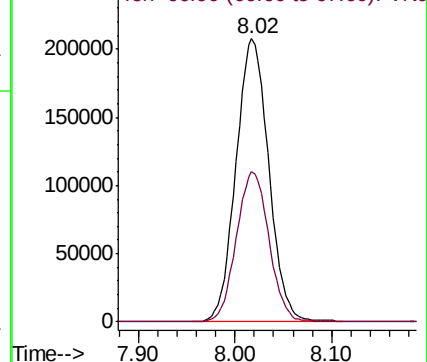
65 100

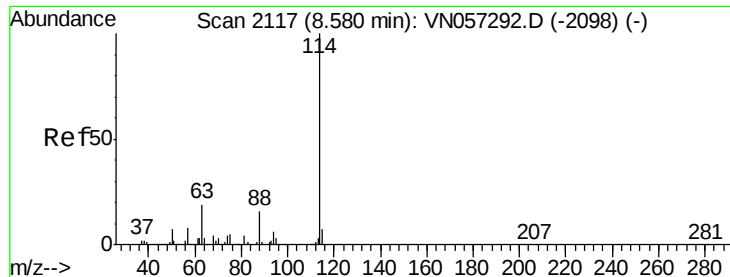
67 53.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

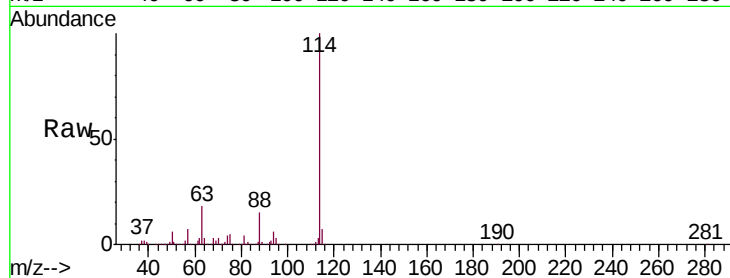




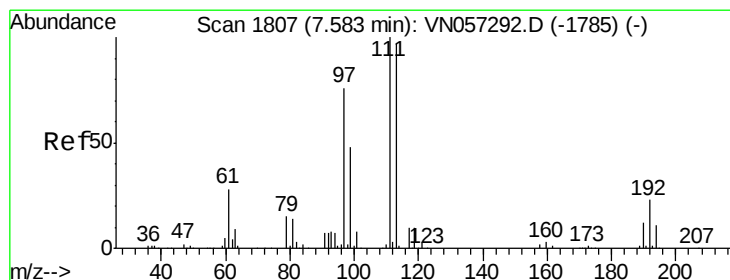
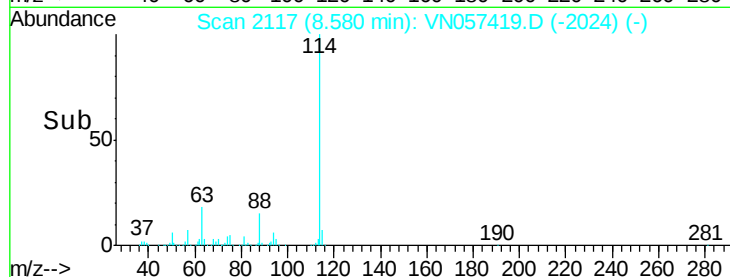
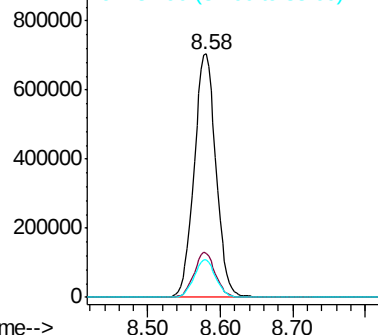
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

Instrument :
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Tgt Ion:114 Resp: 1468311
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.8
 88 15.2 0.0 31.4

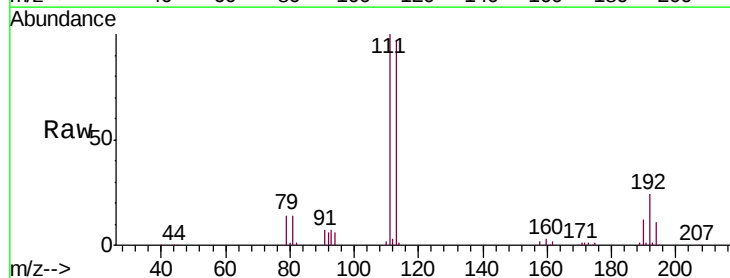


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

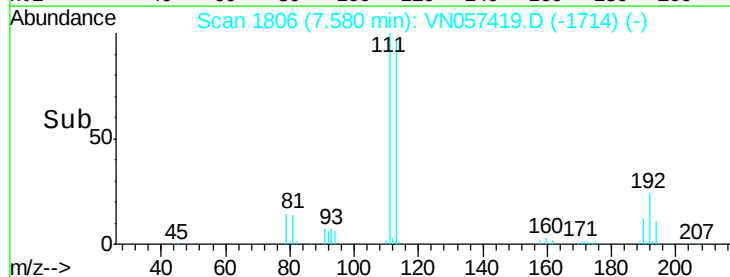
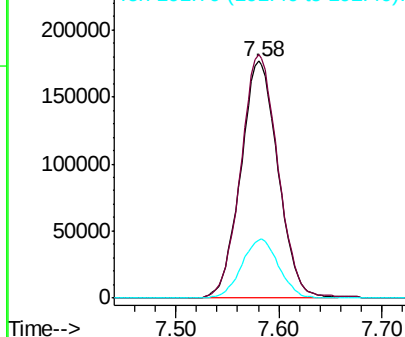


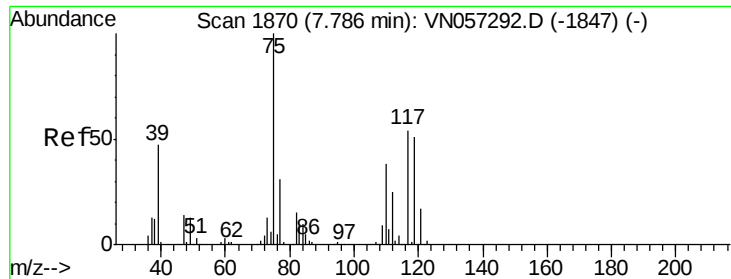
#35
 Dibromofluoromethane
 Concen: 46.088 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

Tgt Ion:113 Resp: 443600
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.1 123.1
 192 24.8 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

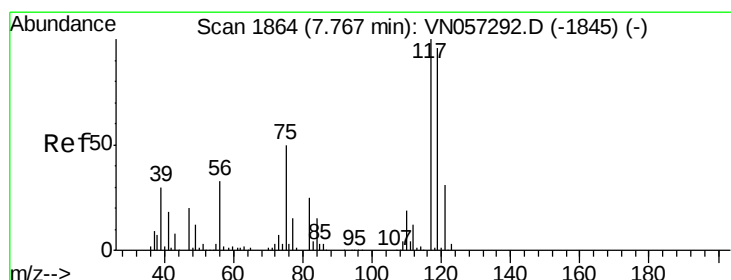
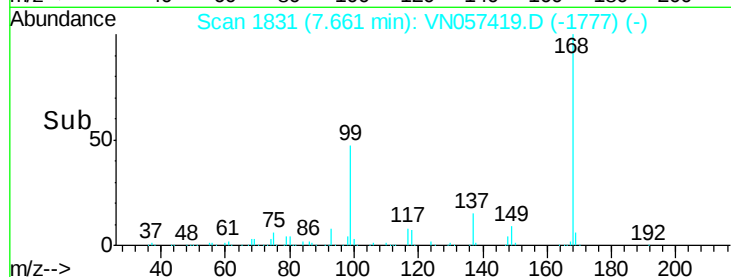
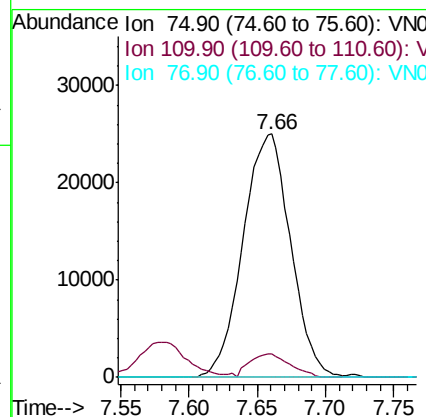
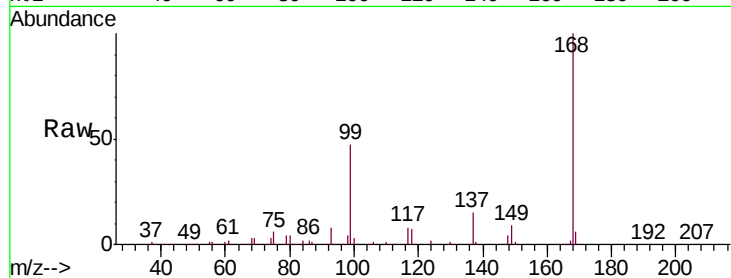




#36
 1,1-Dichloropropene
 Concen: 4.671 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

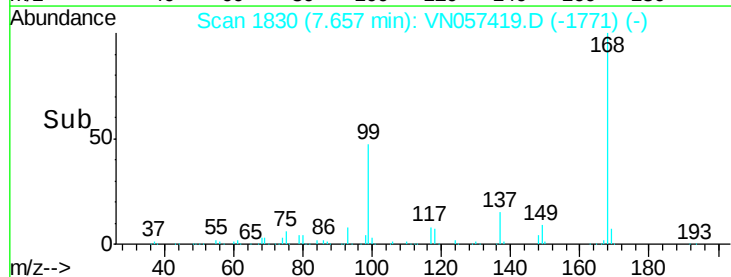
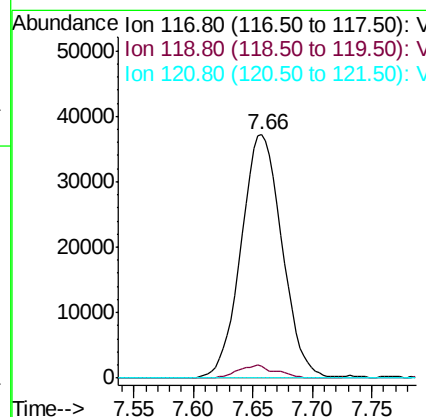
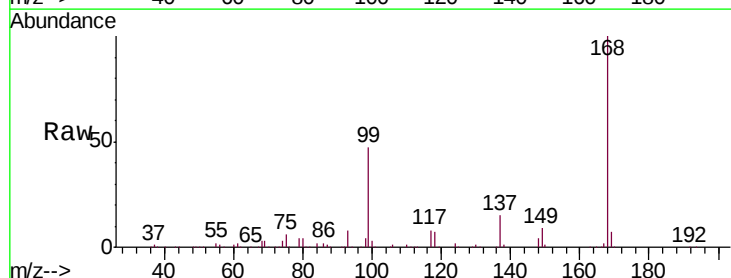
Instrument :
 MSVOA_N
 ClientSampled :
 T8-E3-(0)

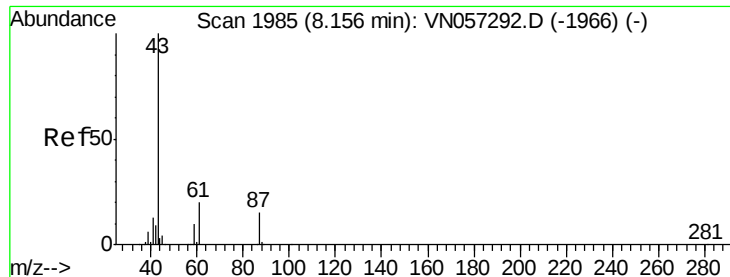
Tgt Ion: 75 Resp: 60558
 Ion Ratio Lower Upper
 75 100
 110 8.2 19.5 58.5#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 6.584 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

Tgt Ion: 117 Resp: 88685
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.8 115.2#
 121 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 6.321 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(0)

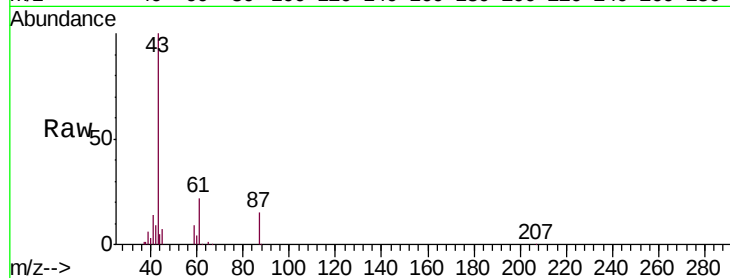
Tgt Ion: 43 Resp: 141879

Ion Ratio Lower Upper

43 100

61 20.2 21.6 32.4#

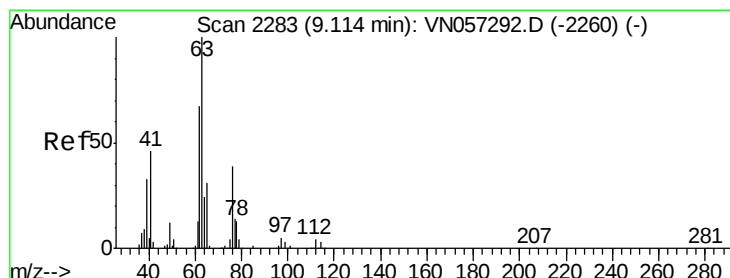
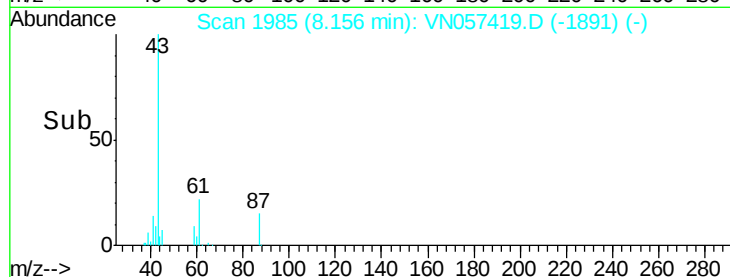
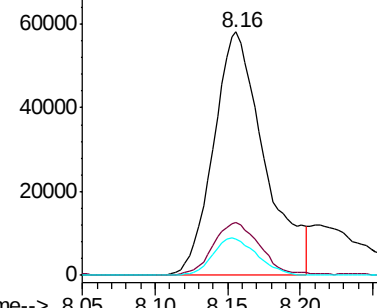
87 13.3 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN057419.D (-2190) (-)

Ion 61.00 (60.70 to 61.70): VN057419.D (-2190) (-)

Ion 87.00 (86.70 to 87.70): VN057419.D (-2190) (-)



#45

1,2-Dichloropropane

Concen: 0.285 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN057419.D

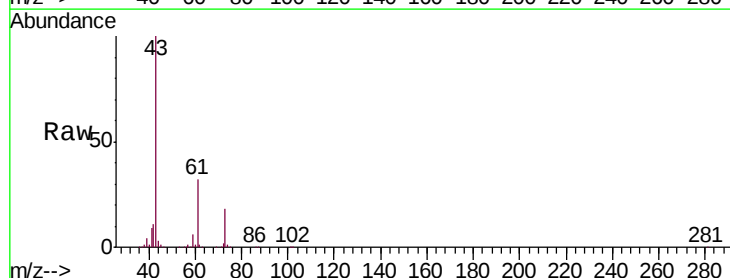
Acq: 20 Aug 2019 00:01

Tgt Ion: 63 Resp: 2918

Ion Ratio Lower Upper

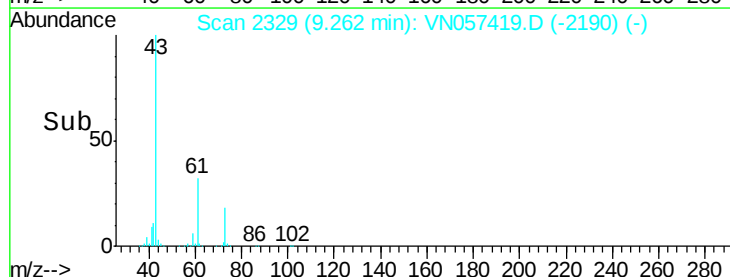
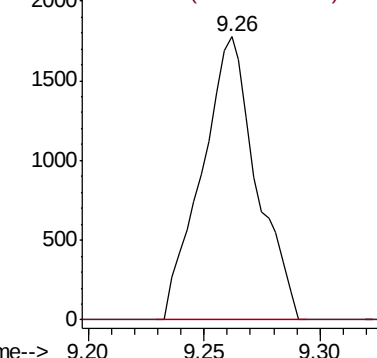
63 100

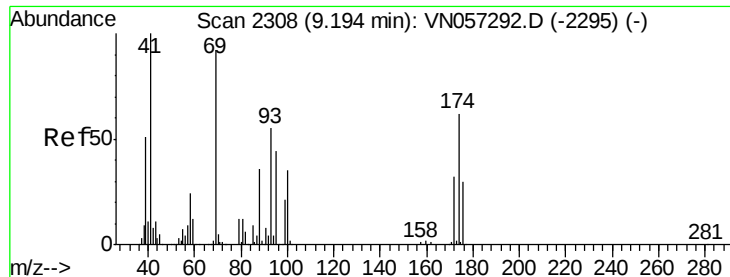
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN057419.D (-2190) (-)

Ion 64.90 (64.60 to 65.60): VN057419.D (-2190) (-)

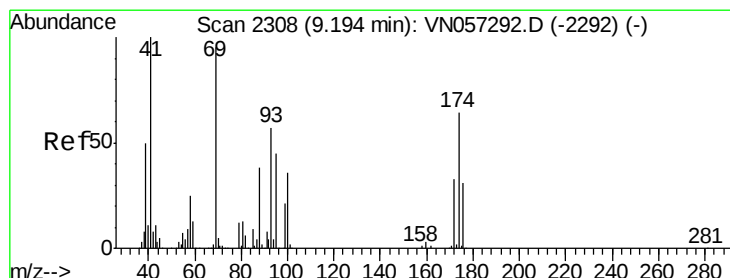
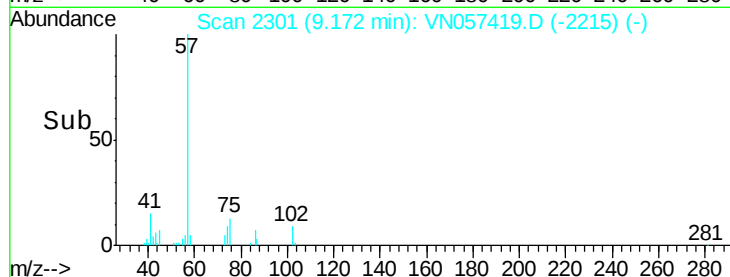
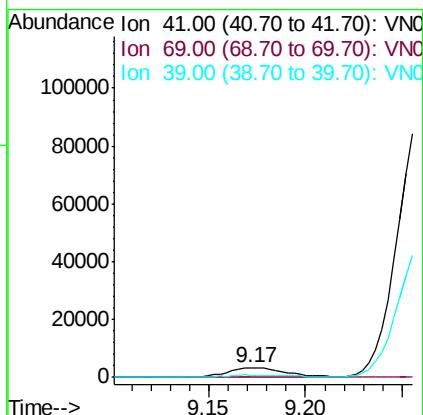
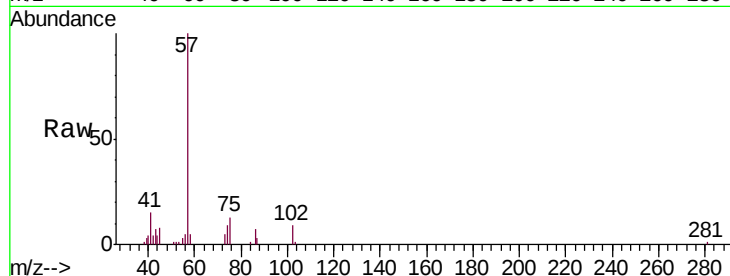




#48
Methyl methacrylate
Concen: 0.836 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

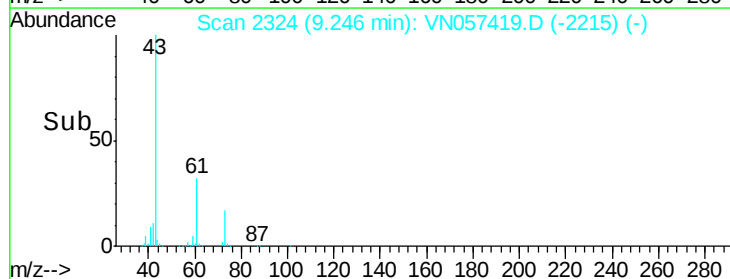
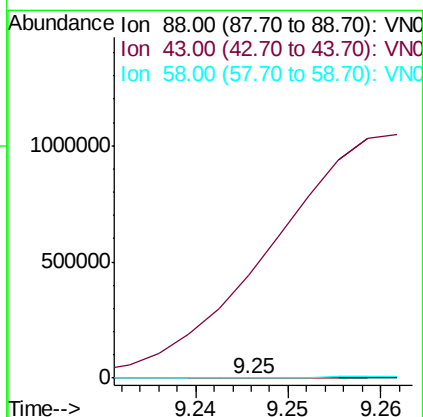
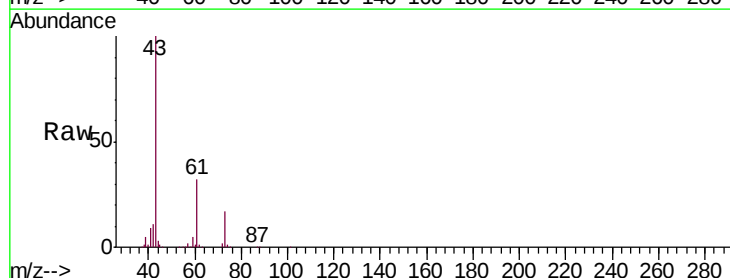
Instrument :
MSVOA_N
ClientSampled :
T8-E3-(0)

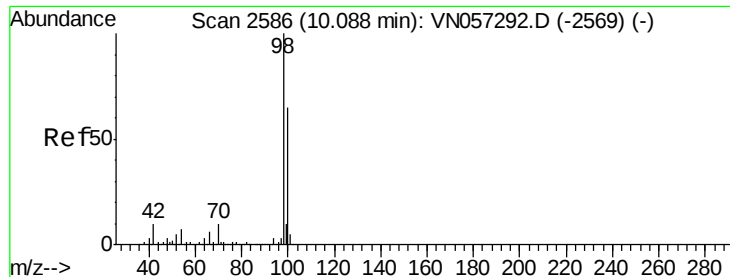
Tgt Ion: 41 Resp: 7313
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 42.3 63.5#



#49
1,4-Dioxane
Concen: 0.484 ug/l
RT: 9.25 min Scan# 2324
Delta R.T. 0.05 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 0.0 52.7 79.1#





#50

Toluene-d8

Concen: 48.373 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampled :

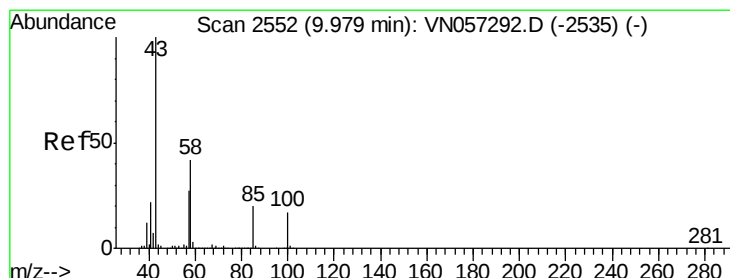
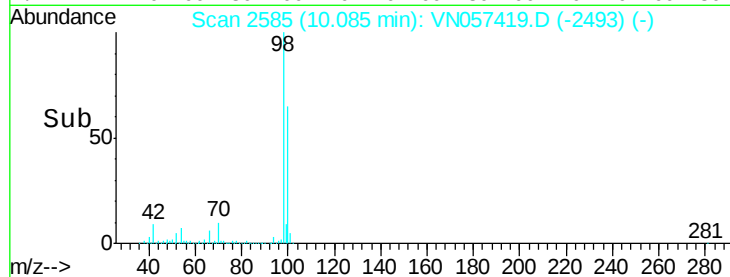
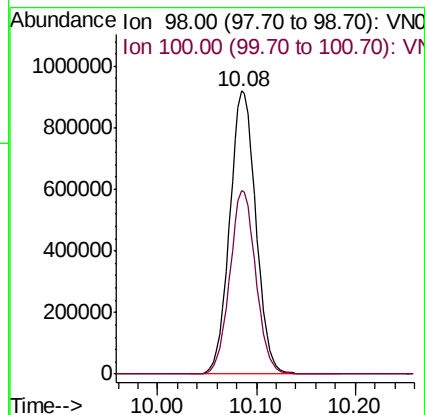
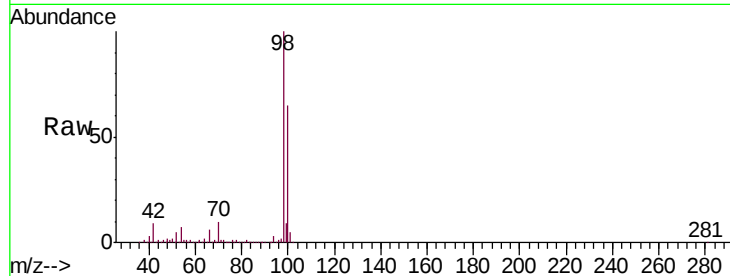
T8-E3-(0)

Tgt Ion: 98 Resp: 1702916

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.800 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057419.D

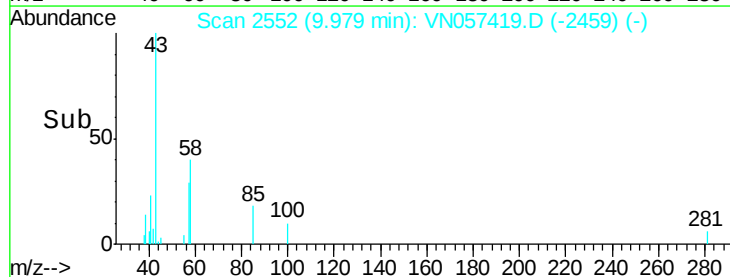
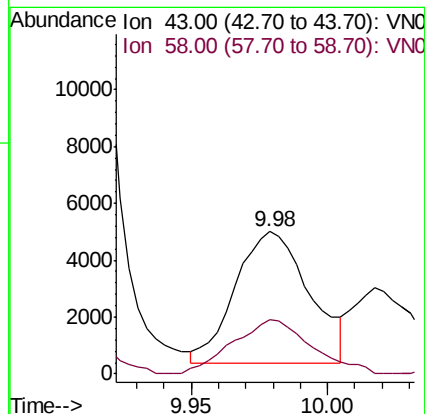
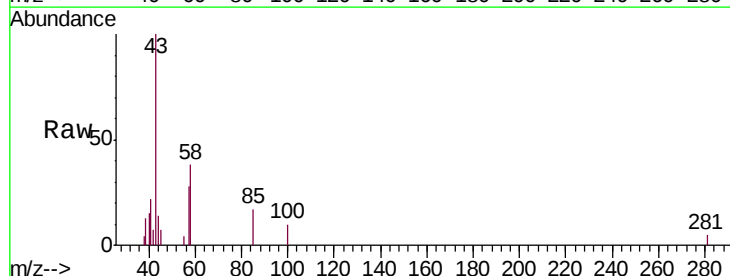
Acq: 20 Aug 2019 00:01

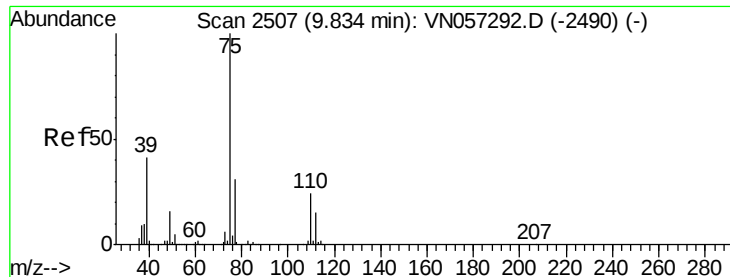
Tgt Ion: 43 Resp: 8762

Ion Ratio Lower Upper

43 100

58 43.9 33.2 49.8





#54

cis-1,3-Dichloropropene

Concen: 3.950 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(0)

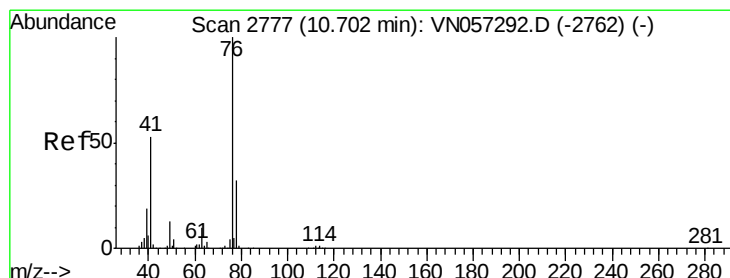
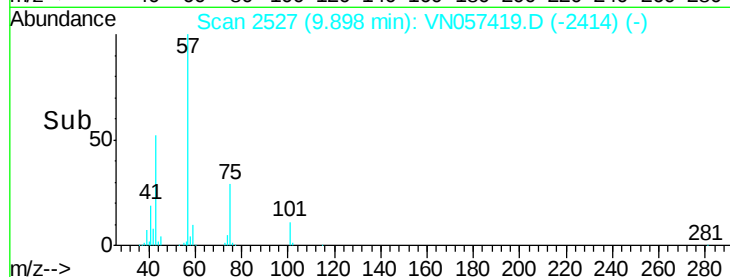
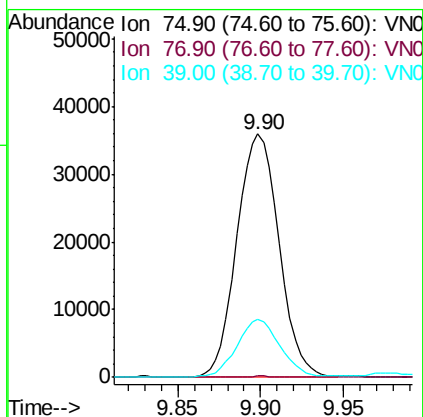
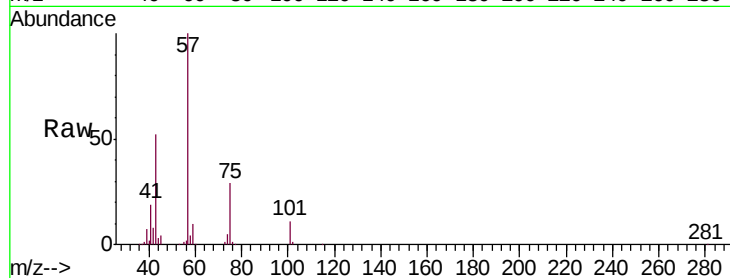
Tgt Ion: 75 Resp: 63658

Ion Ratio Lower Upper

75 100

77 0.5 24.9 37.3#

39 23.8 32.7 49.1#



#57

1,3-Dichloropropane

Concen: 0.590 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057419.D

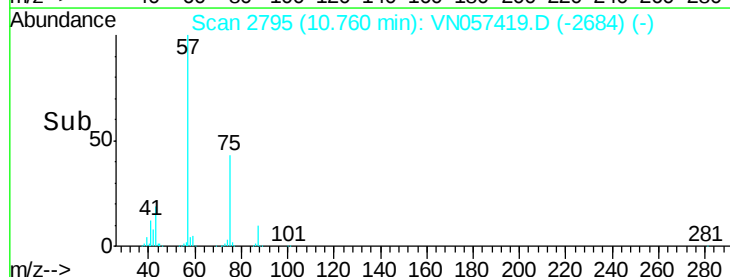
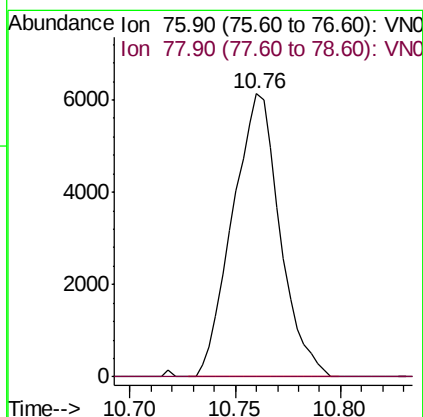
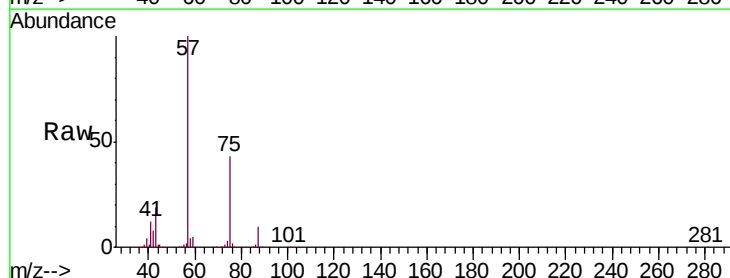
Acq: 20 Aug 2019 00:01

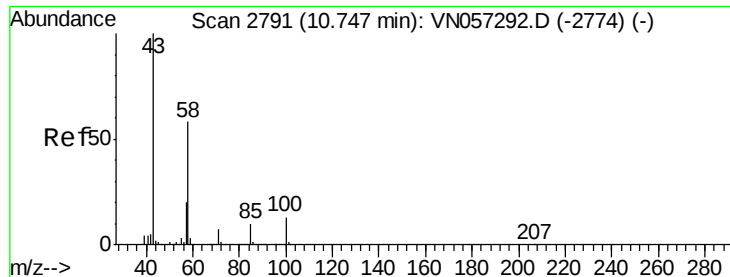
Tgt Ion: 76 Resp: 9562

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

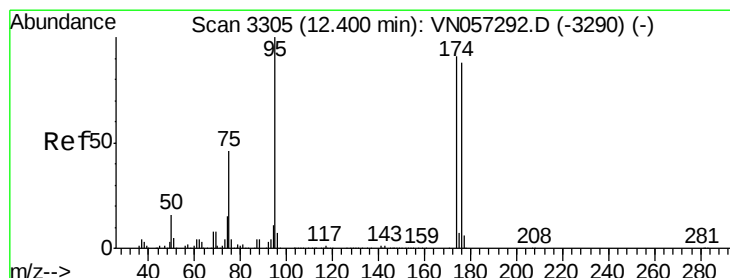
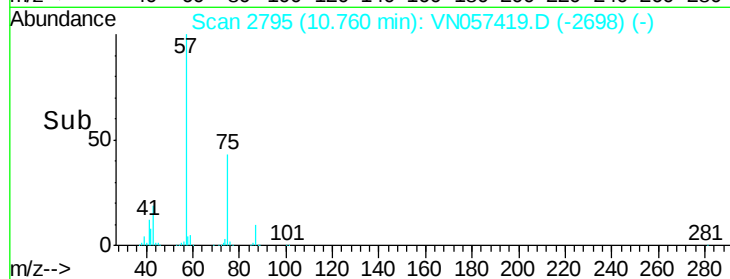
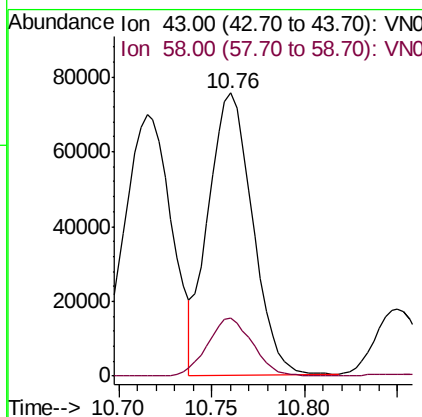
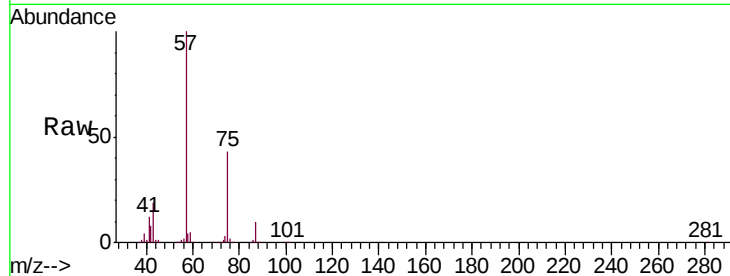




#59
2-Hexanone
Concen: 15.851 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

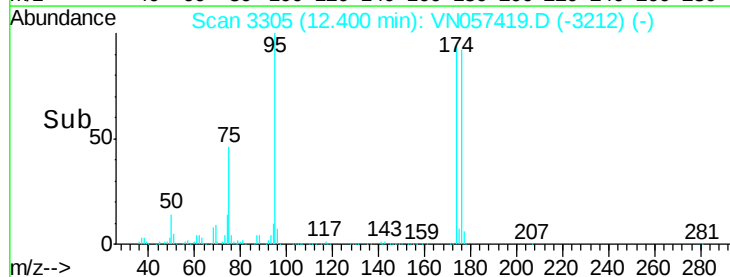
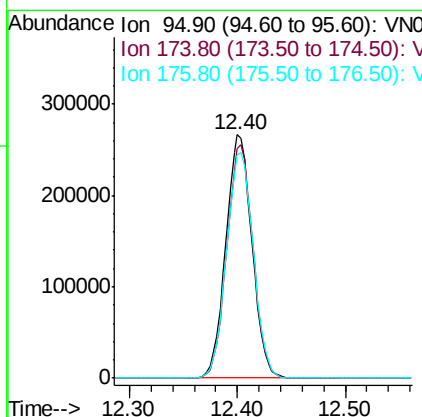
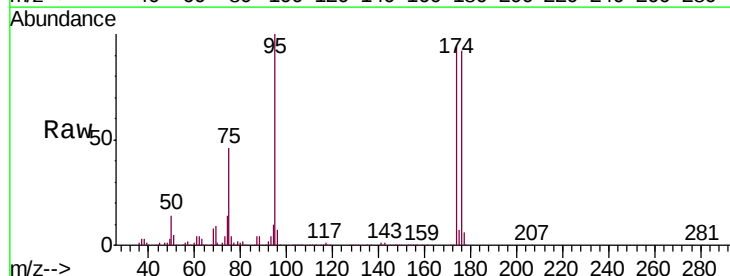
Instrument :
MSVOA_N
ClientSampleId :
T8-E3-(0)

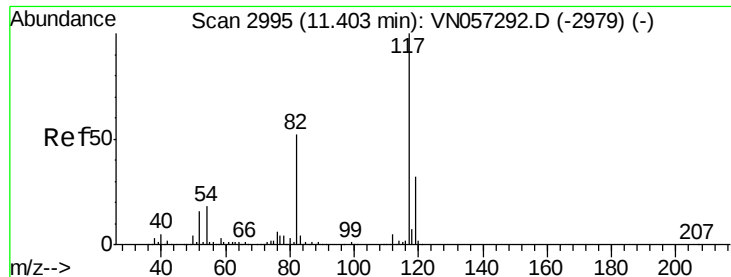
Tgt Ion: 43 Resp: 124828
Ion Ratio Lower Upper
43 100
58 21.0 28.6 85.9#



#62
4-Bromofluorobenzene
Concen: 36.164 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

Tgt Ion: 95 Resp: 449916
Ion Ratio Lower Upper
95 100
174 95.8 0.0 185.0
176 95.1 0.0 181.0

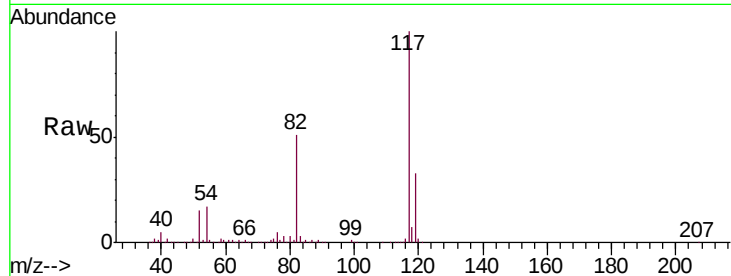




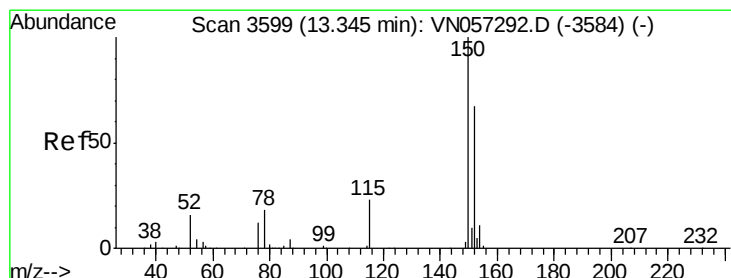
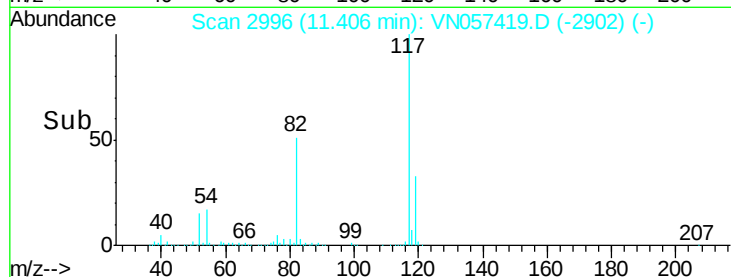
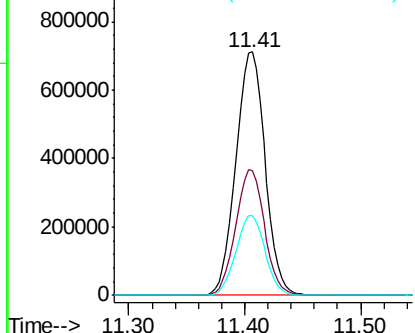
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

Instrument :
MSVOA_N
ClientSampled :
T8-E3-(0)

Tgt Ion:117 Resp: 1237849
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 32.8 25.8 38.8

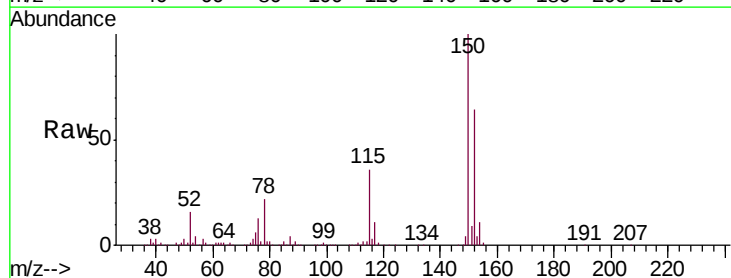


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

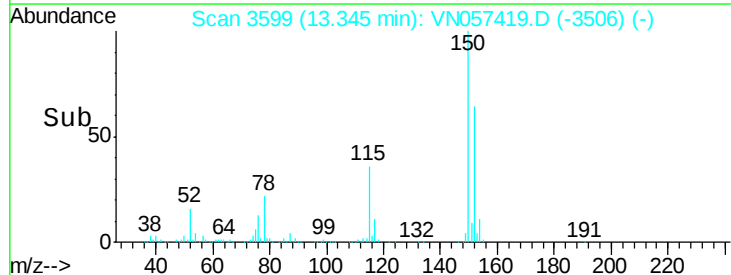
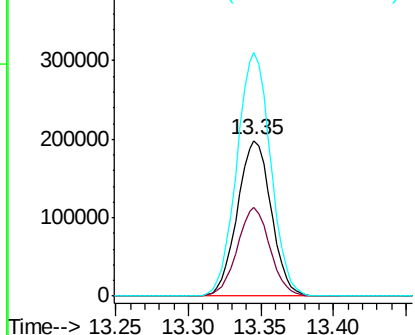


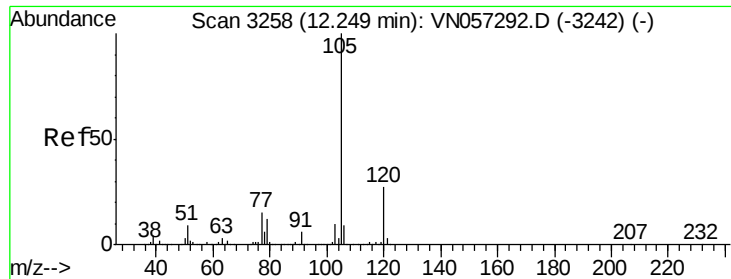
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

Tgt Ion:152 Resp: 322328
Ion Ratio Lower Upper
152 100
115 55.0 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: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

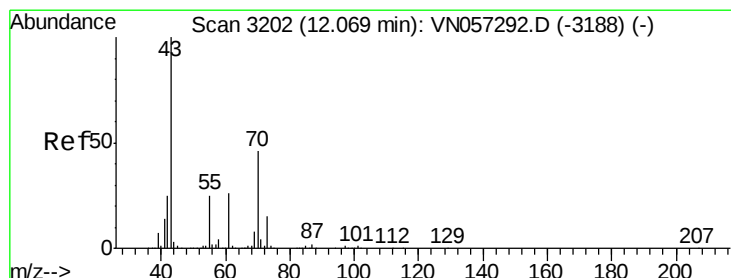
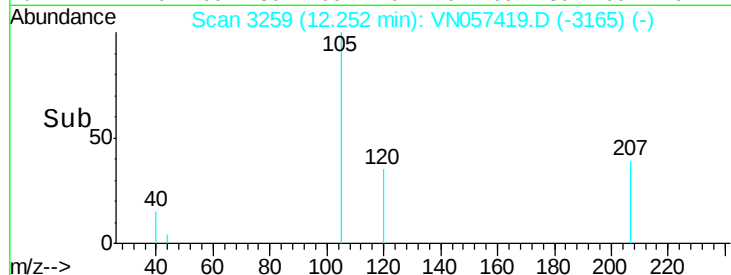
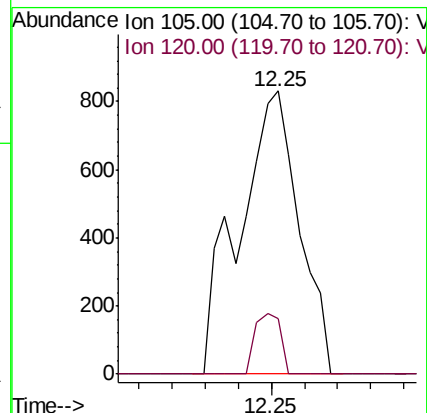
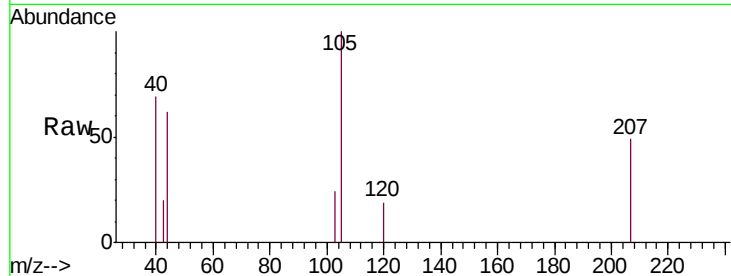
T8-E3-(0)

Tgt Ion: 105 Resp: 1052

Ion Ratio Lower Upper

105 100

120 9.0 13.2 39.6#



#74

N-ethyl acetate

Concen: 0.420 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Tgt Ion: 43 Resp: 3931

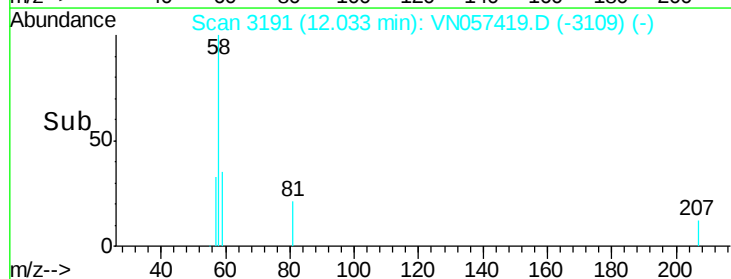
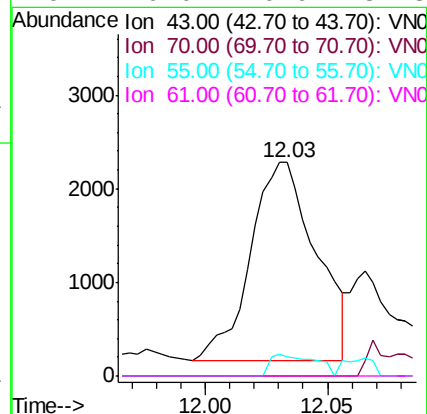
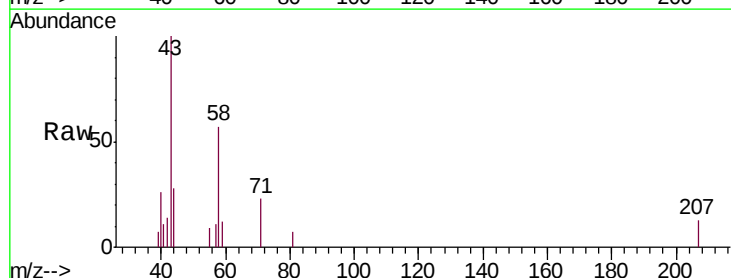
Ion Ratio Lower Upper

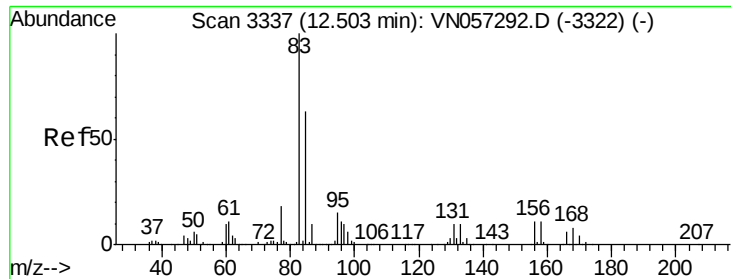
43 100

70 0.0 36.2 54.2#

55 7.5 20.1 30.1#

61 0.0 20.9 31.3#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3301

Delta R.T. -0.12 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(0)

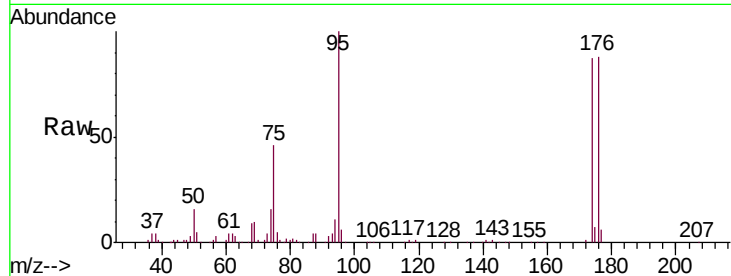
Tgt Ion: 83 Resp: 157

Ion Ratio Lower Upper

83 100

131 301.3 5.4 16.2#

85 0.0 32.3 96.9#

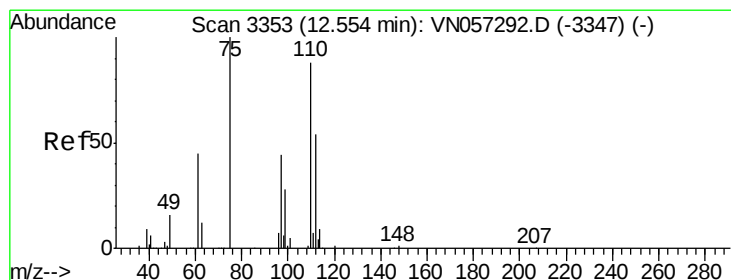
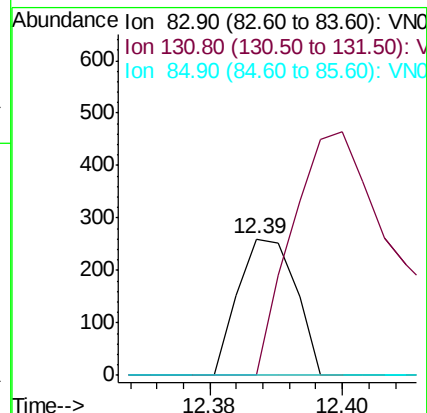
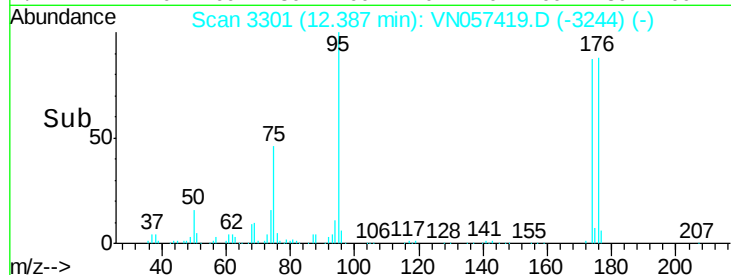


Abundance Ion 82.90 (82.60 to 83.60): VN057419.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN057419.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN057419.D (-3301) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 31.861 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN057419.D

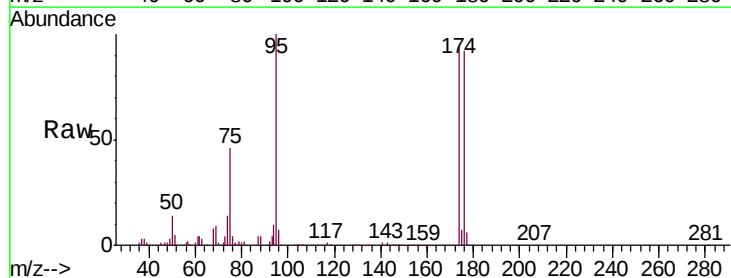
Acq: 20 Aug 2019 00:01

Tgt Ion: 75 Resp: 206505

Ion Ratio Lower Upper

75 100

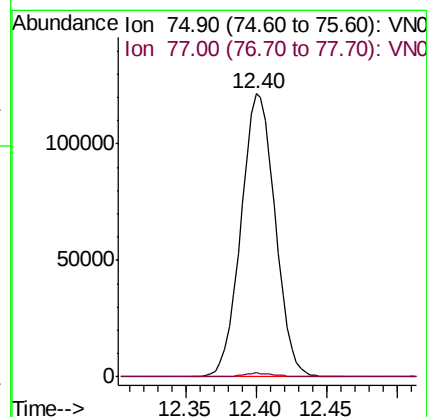
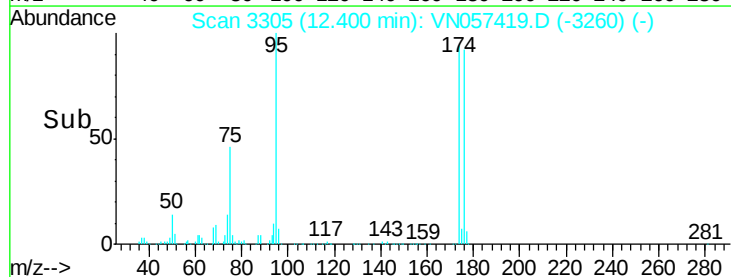
77 1.3 0.0 0.0#

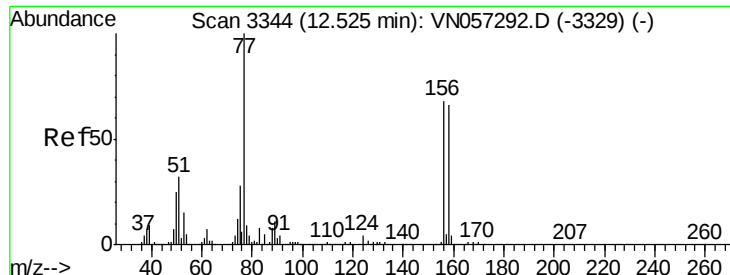


Abundance Ion 74.90 (74.60 to 75.60): VN057419.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN057419.D (-3305) (-)

Time-->





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(0)

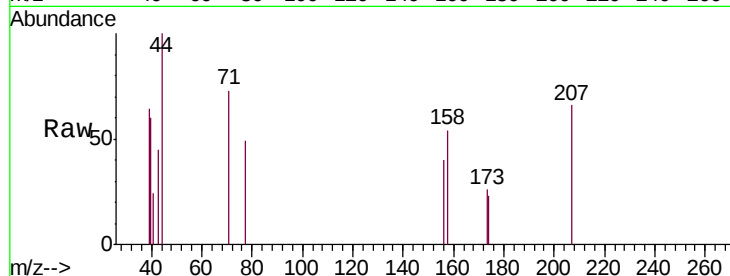
Tgt Ion: 156 Resp: 209

Ion Ratio Lower Upper

156 100

77 0.0 89.8 269.6#

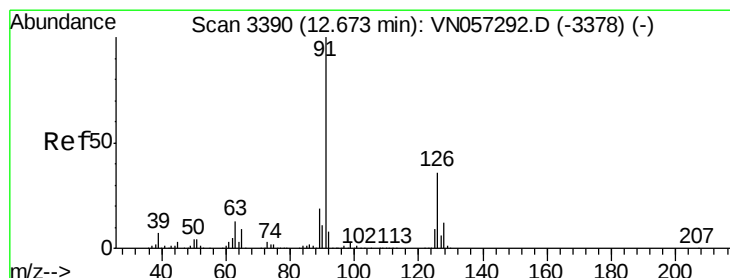
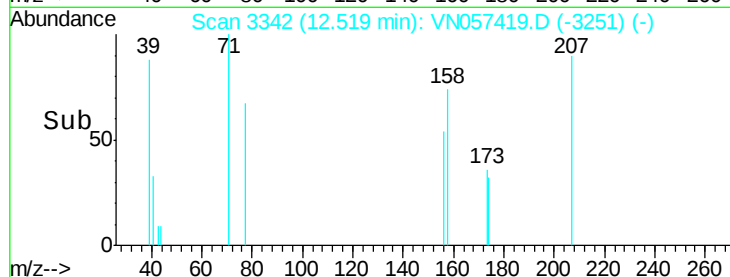
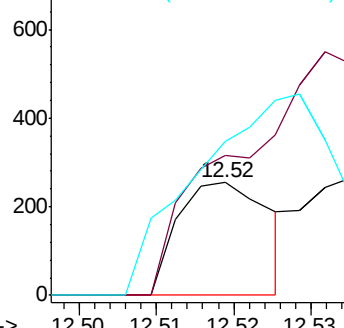
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.11 min

Lab File: VN057419.D

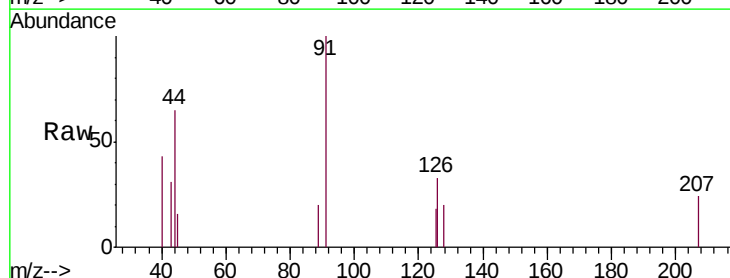
Acq: 20 Aug 2019 00:01

Tgt Ion: 91 Resp: 1836

Ion Ratio Lower Upper

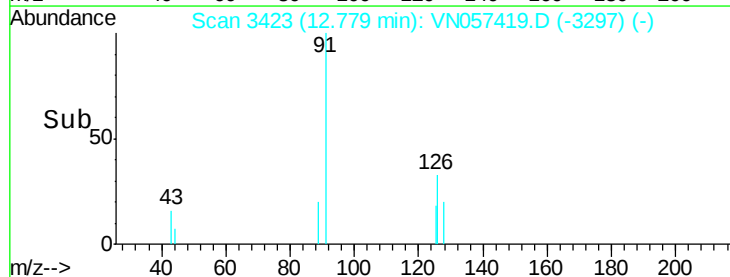
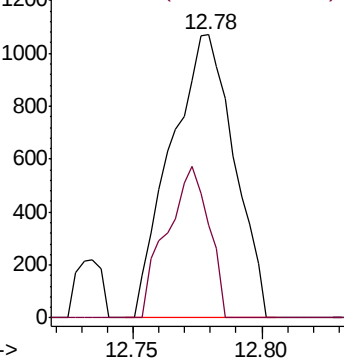
91 100

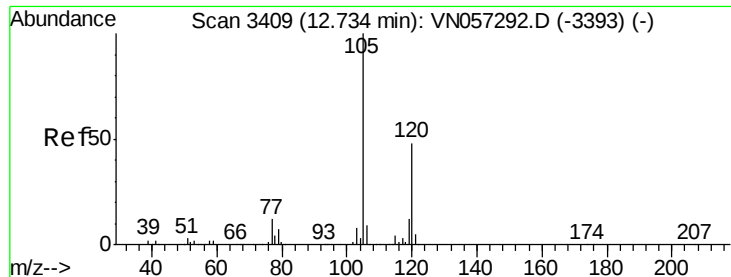
126 35.5 18.1 54.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

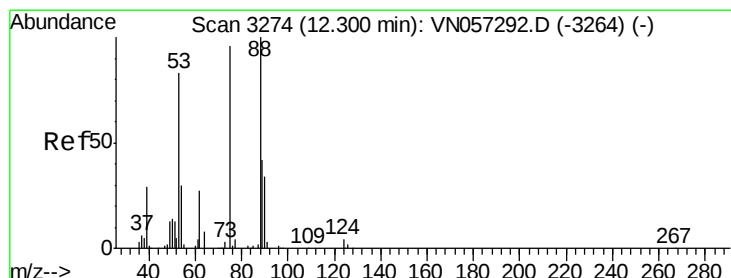
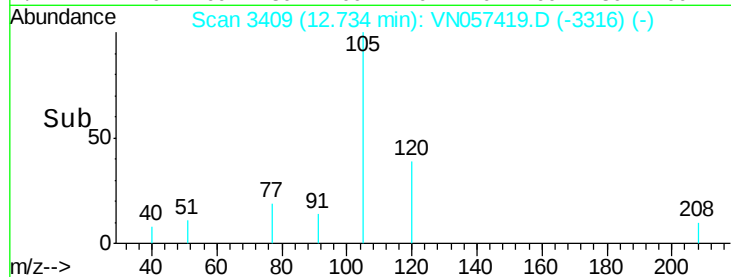
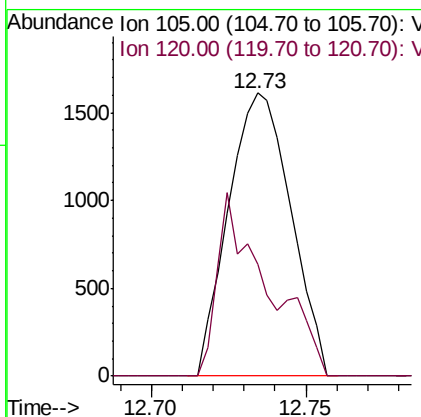
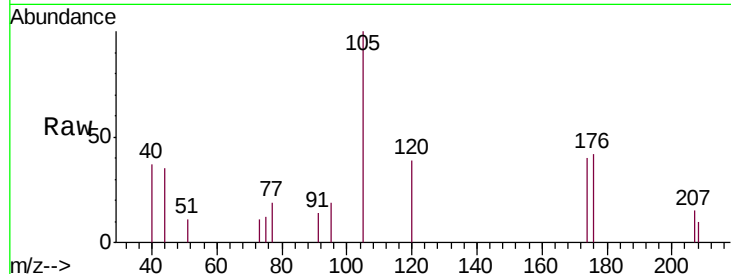




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

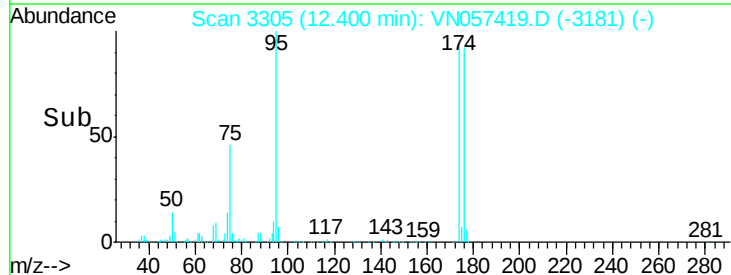
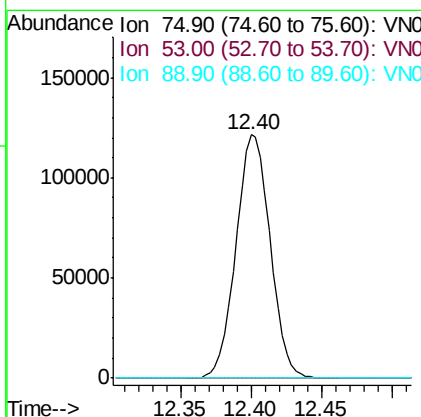
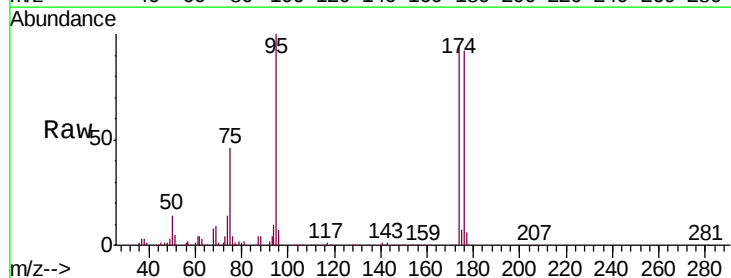
Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(0)

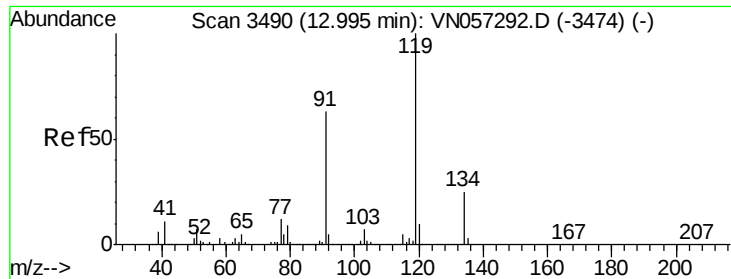
Tgt Ion: 105 Resp: 2262
 Ion Ratio Lower Upper
 105 100
 120 52.3 24.3 73.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.122 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

Tgt Ion: 75 Resp: 206505
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#

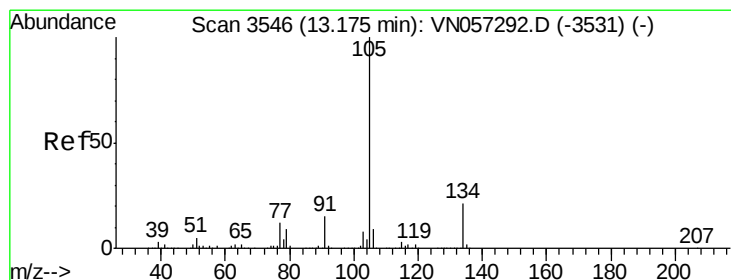
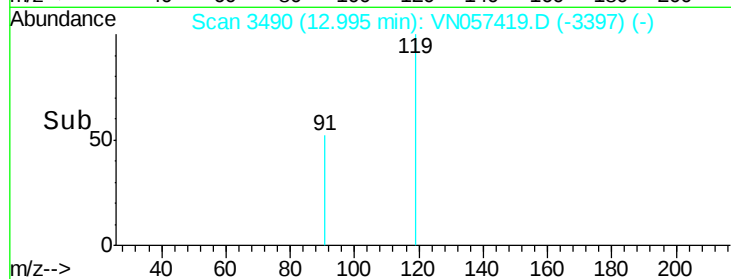
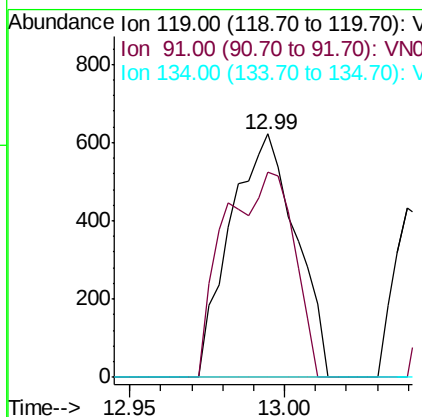
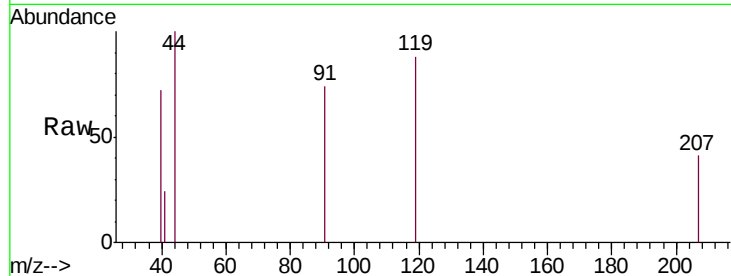




#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

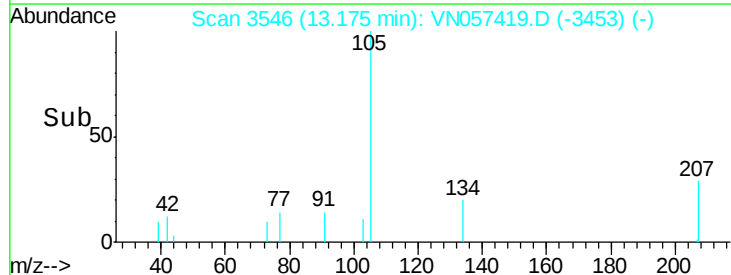
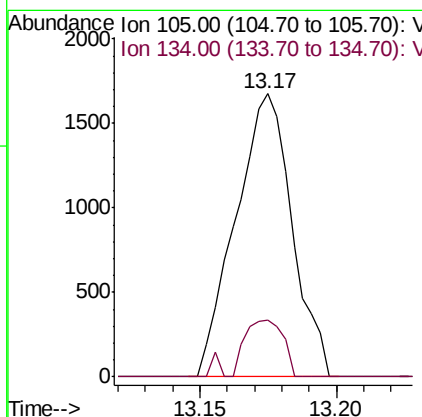
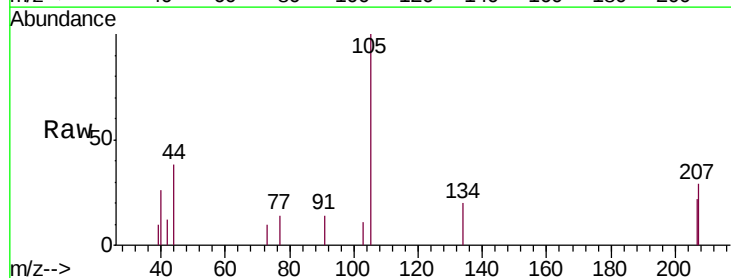
Instrument :
MSVOA_N
ClientSampled :
T8-E3-(0)

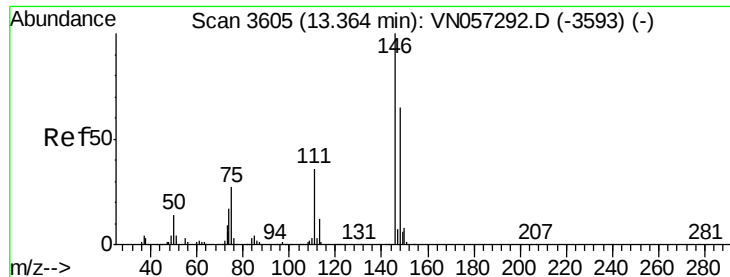
Tgt Ion:119 Resp: 916
Ion Ratio Lower Upper
119 100
91 89.6 31.3 93.8
134 0.0 13.1 39.1#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN057419.D
Acq: 20 Aug 2019 00:01

Tgt Ion:105 Resp: 2399
Ion Ratio Lower Upper
105 100
134 13.5 10.4 31.2

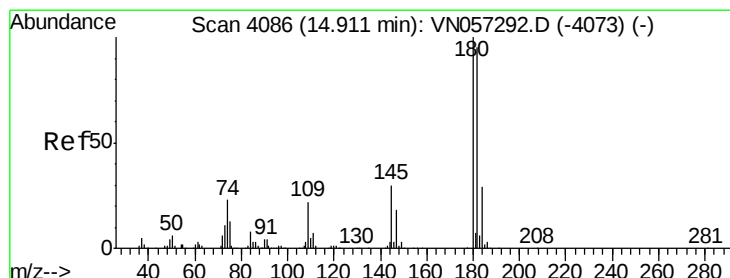
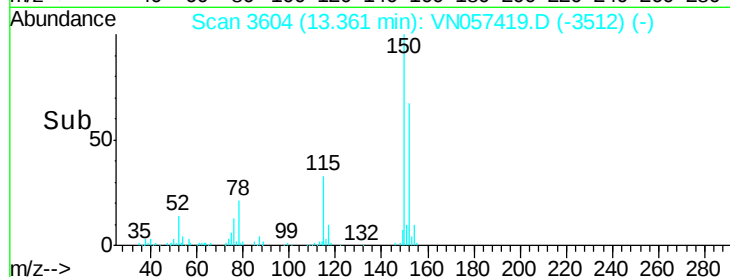
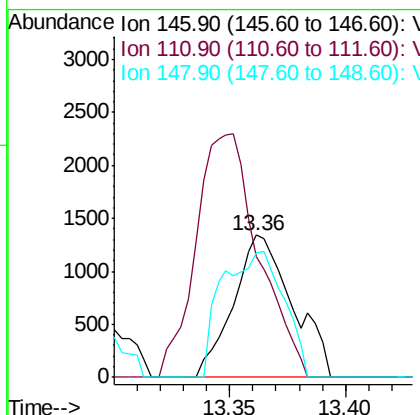
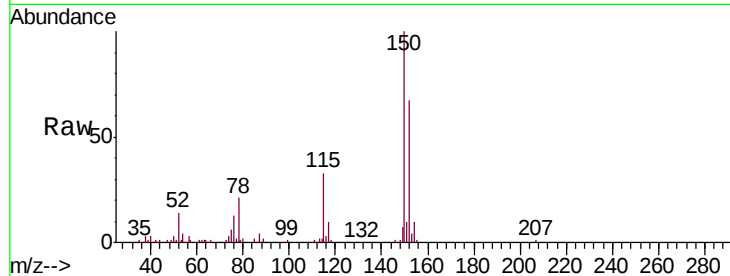




#88
 1,4-Dichlorobenzene
 Concen: 0.221 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

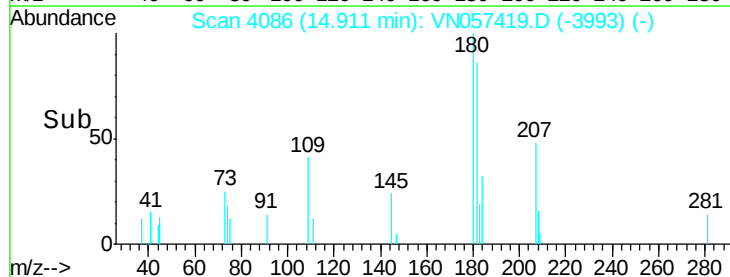
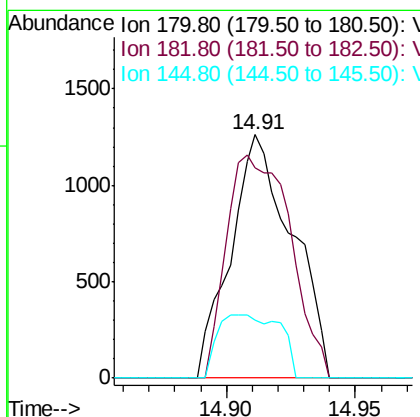
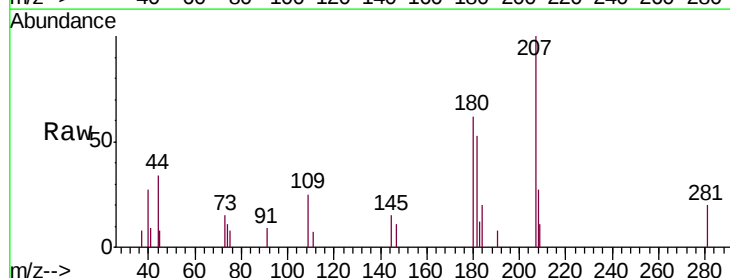
Instrument :
 MSVOA_N
 ClientSampled :
 T8-E3-(0)

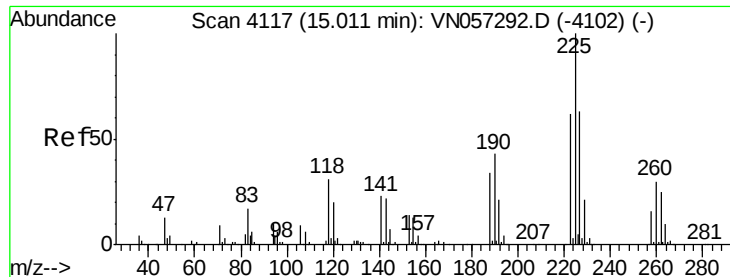
Tgt Ion:146 Resp: 2368
 Ion Ratio Lower Upper
 146 100
 111 181.7 18.4 55.4#
 148 92.8 32.5 97.4



#93
 1,2,4-Trichlorobenzene
 Concen: 5.800 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

Tgt Ion:180 Resp: 2093
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.0 144.2
 145 26.3 14.5 43.6





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN057419.D

Acq: 20 Aug 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

T8-E3-(0)

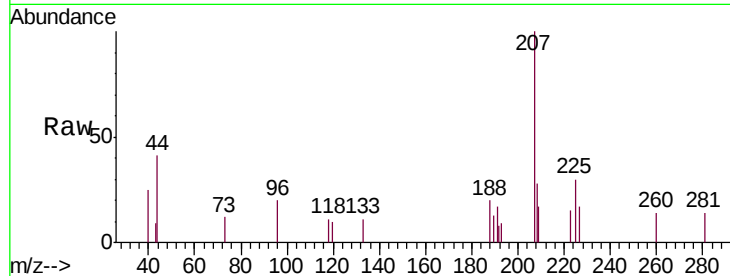
Tgt Ion:225 Resp: 593

Ion Ratio Lower Upper

225 100

223 41.1 30.7 92.1

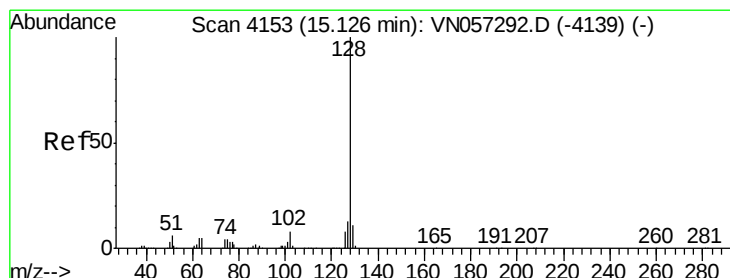
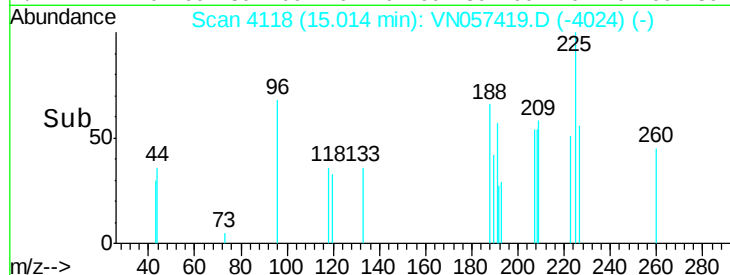
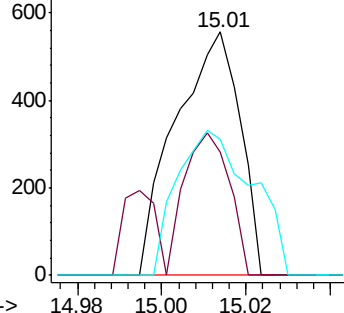
227 69.5 30.9 92.7



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: VN057419.D

Acq: 20 Aug 2019 00:01

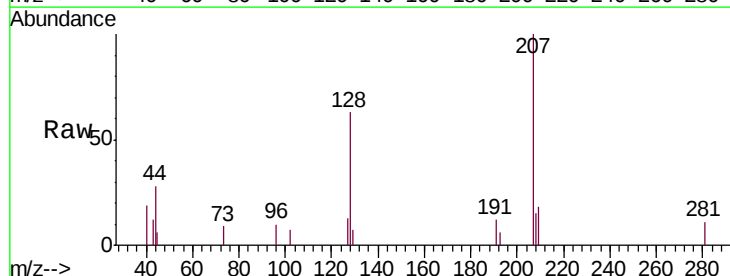
Tgt Ion:128 Resp: 2610

Ion Ratio Lower Upper

128 100

127 14.3 10.5 15.7

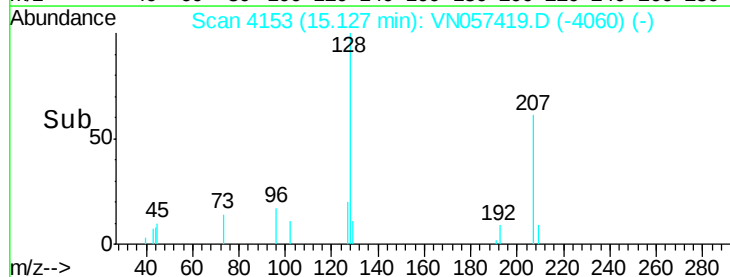
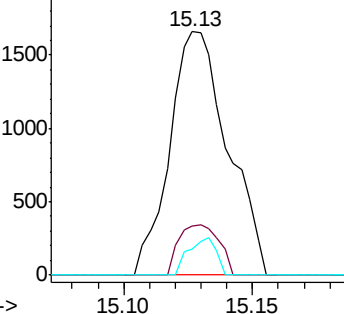
129 7.3 8.8 13.2#

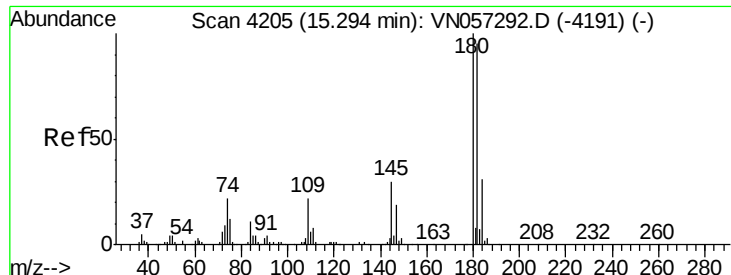


Abundance Ion 128.00 (127.70 to 128.70): V

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# 4205
 Delta R.T. 0.00 min
 Lab File: VN057419.D
 Acq: 20 Aug 2019 00:01

Instrument :
 MSVOA_N
 ClientSampleId :
 T8-E3-(0)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	79.9	47.9	143.6
145	20.5	15.1	45.3

