

Data File : VN057391.D
Acq On : 19 Aug 2019 11:29
Operator : JC/SP
Sample : PB122346TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB122346TB

Quant Time: Aug 20 07:09:47 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	1067322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1478026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1250824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	487590	42.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.04%	
35) Dibromofluoromethane	7.58	113	452038	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
50) Toluene-d8	10.08	98	1710727	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.40	95	462917	36.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.92%	

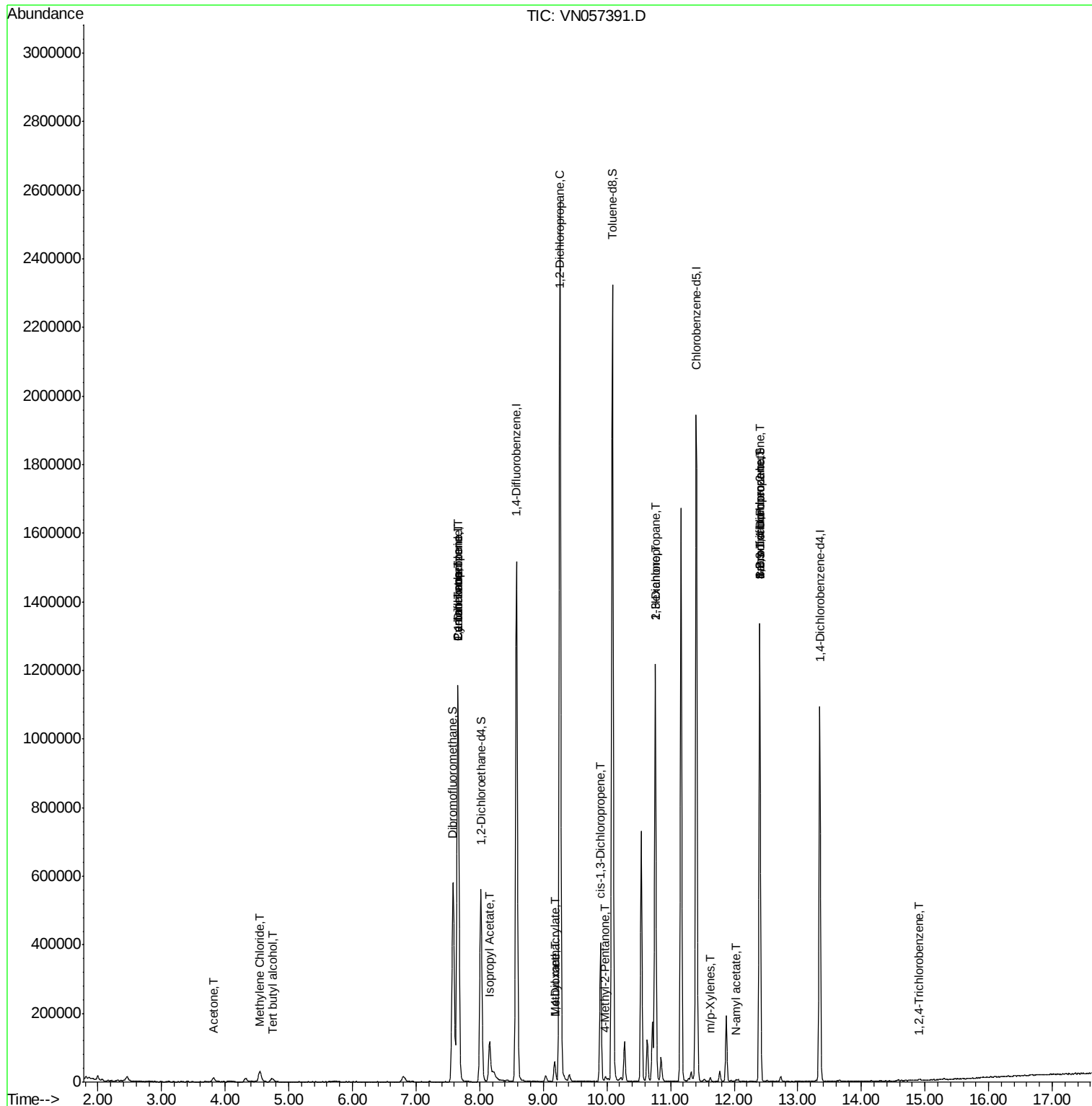
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.74	59	5593	3.391	ug/l #	73
16) Acetone	3.82	43	15753	3.914	ug/l	95
18) Methyl Acetate	4.33	43	17855	Below Cal		97
20) Methylene Chloride	4.54	84	24919	2.213	ug/l	96
31) Cyclohexane	7.66	56	14151	0.895	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	61705	4.728	ug/l #	47
38) Carbon Tetrachloride	7.66	117	88789	6.548	ug/l #	16
43) Isopropyl Acetate	8.16	43	183821	8.467	ug/l #	85
45) 1,2-Dichloropropane	9.27	63	4162	0.405	ug/l #	44
48) Methyl methacrylate	9.18	41	9579	1.088	ug/l #	11
49) 1,4-Dioxane	9.18	88	141	0.762	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	10202	0.925	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	80545	4.966	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	13964	0.856	ug/l #	43
59) 2-Hexanone	10.76	43	169956	21.439	ug/l #	49
68) m/p-Xylenes	11.63	106	3297	0.200	ug/l	89
71) Bromoform	12.40	173	3475	0.451	ug/l #	1
73) Isopropylbenzene	12.25	105	1068	Below Cal	#	72
74) N-amyl acetate	12.03	43	5160	0.543	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.41	83	272	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	209773	31.884	ug/l #	100
77) Bromobenzene	12.53	156	524	Below Cal	#	49
79) 2-Chlorotoluene	12.78	91	847	Below Cal		91
80) 1,3,5-Trimethylbenzene	12.73	105	8140	Below Cal		97
81) trans-1,4-Dichloro-2-buten	12.40	75	209773	78.175	ug/l #	15
83) tert-Butylbenzene	12.99	119	770	Below Cal	#	77
85) sec-Butylbenzene	13.18	105	1624	Below Cal		83
93) 1,2,4-Trichlorobenzene	14.91	180	1479	5.665	ug/l	97
94) Hexachlorobutadiene	15.00	225	380	Below Cal	#	68
95) Naphthalene	15.12	128	2234	Below Cal	#	69
96) 1,2,3-Trichlorobenzene	15.30	180	1641	Below Cal		98

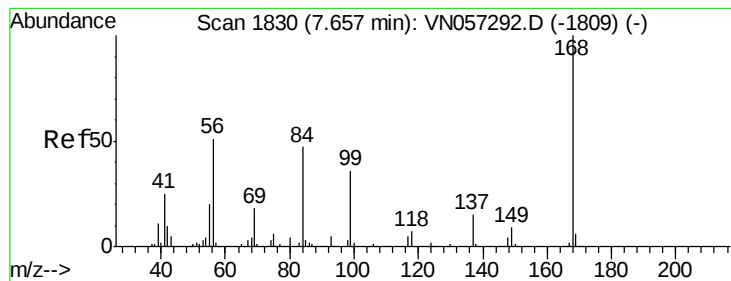
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

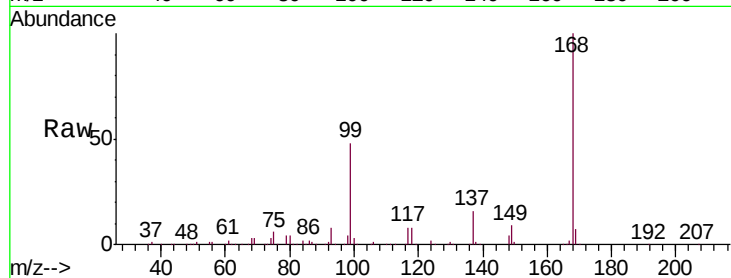
PB122346TB

Tgt Ion:168 Resp: 1067322

Ion Ratio Lower Upper

168 100

99 47.7 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

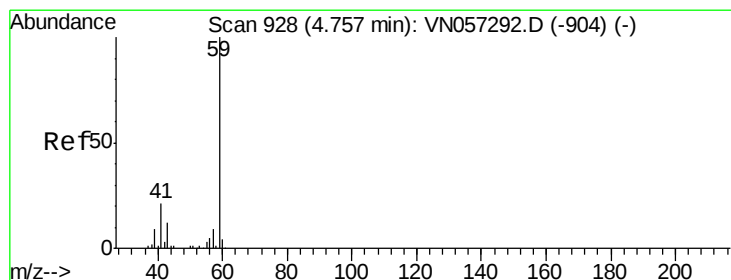
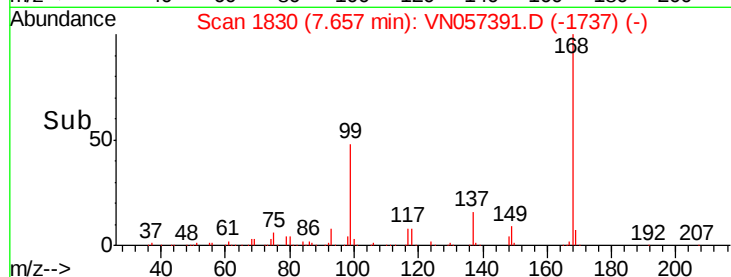
200000

100000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 3.391 ug/l

RT: 4.74 min Scan# 924

Delta R.T. -0.01 min

Lab File: VN057391.D

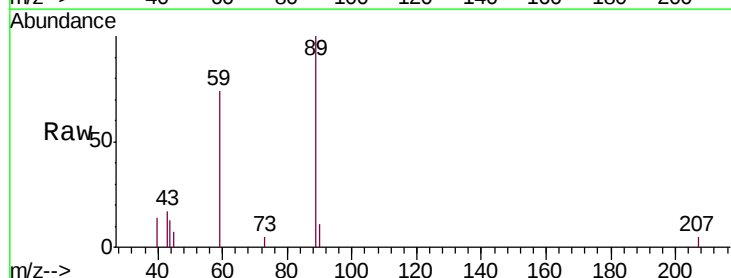
Acq: 19 Aug 2019 11:29

Tgt Ion: 59 Resp: 5593

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

4.74

3000

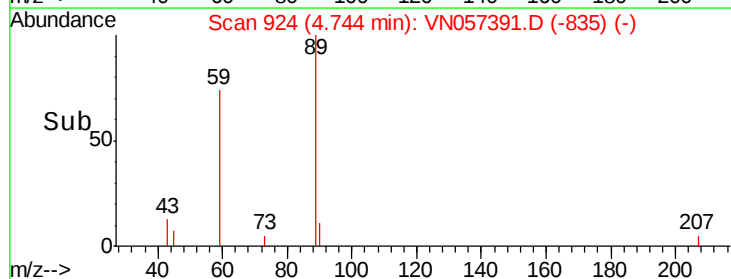
2000

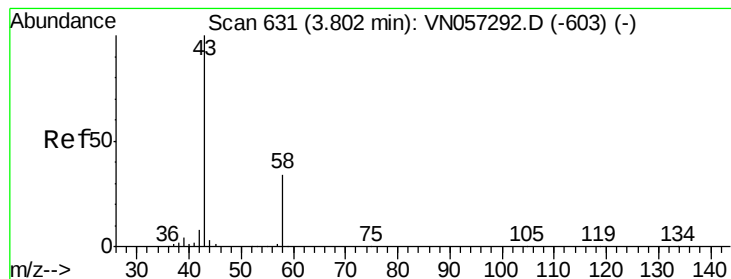
1000

0

4.70 4.75 4.80

Time-->





#16

Acetone

Concen: 3.914 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

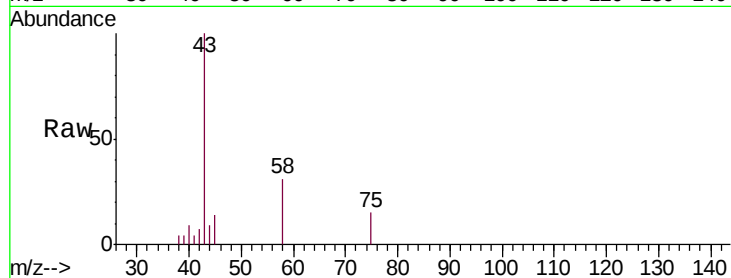
PB122346TB

Tgt Ion: 43 Resp: 15753

Ion Ratio Lower Upper

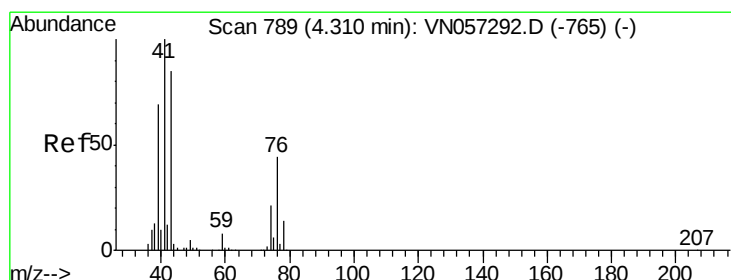
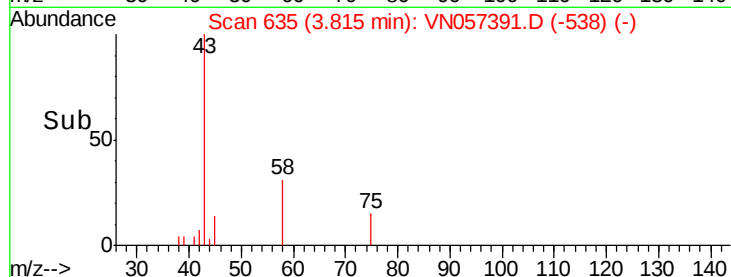
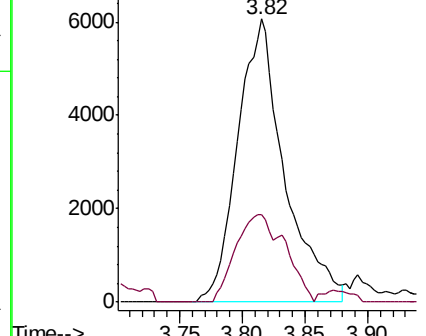
43 100

58 31.1 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN057391.D

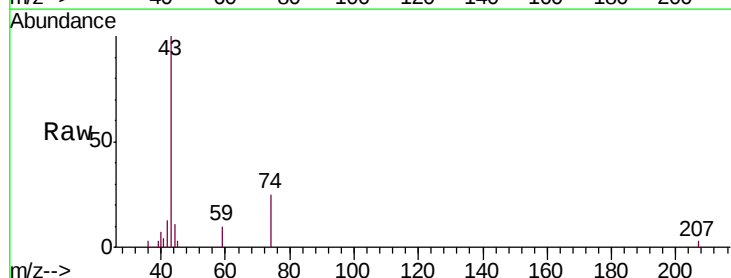
Acq: 19 Aug 2019 11:29

Tgt Ion: 43 Resp: 17855

Ion Ratio Lower Upper

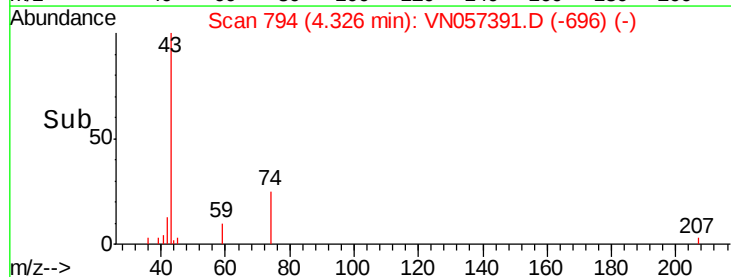
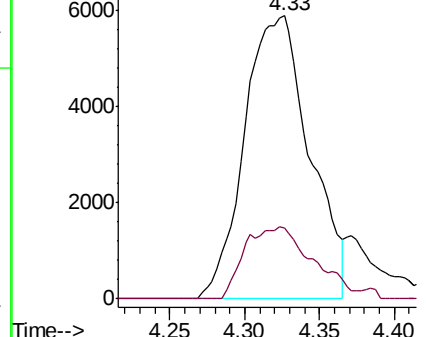
43 100

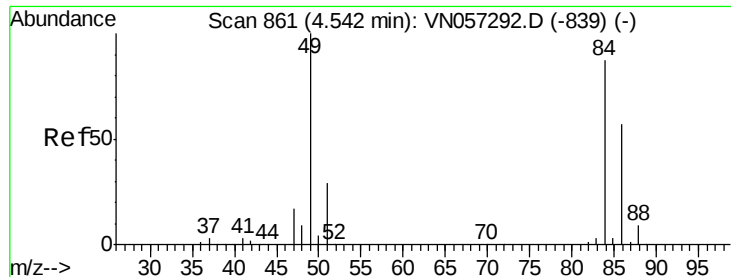
74 26.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

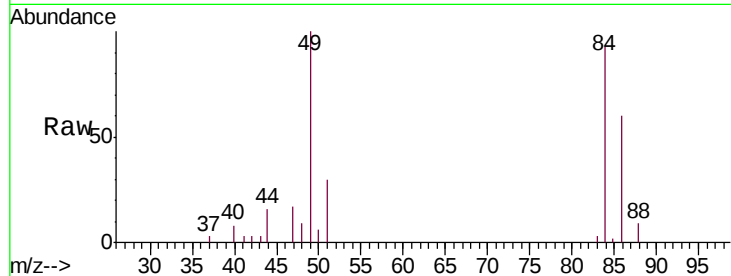




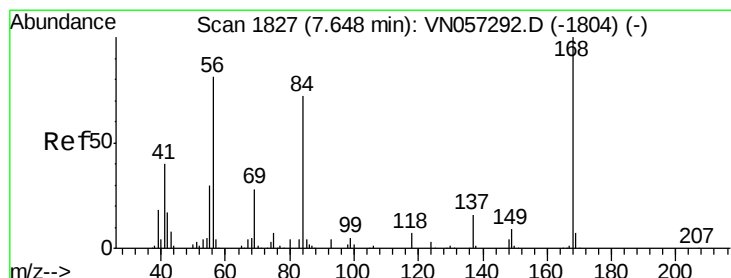
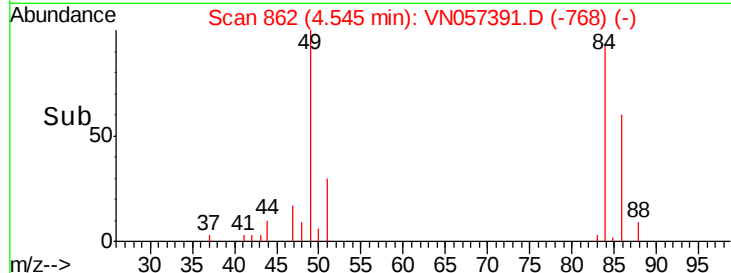
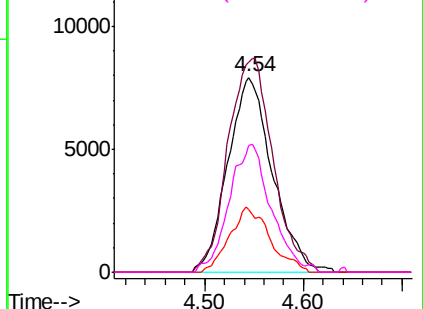
#20
Methylene Chloride
Concen: 2.213 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

Instrument :
MSVOA_N
ClientSampled :
PB122346TB

Tgt Ion:	84	Resp:	24919
Ion	Ratio	Lower	Upper
84	100		
49	107.8	92.0	138.0
51	32.1	27.1	40.7
86	64.9	52.2	78.2

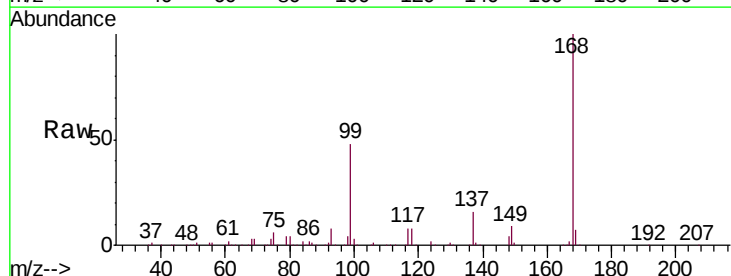


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

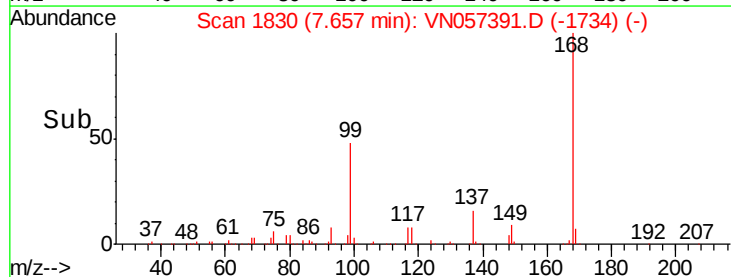
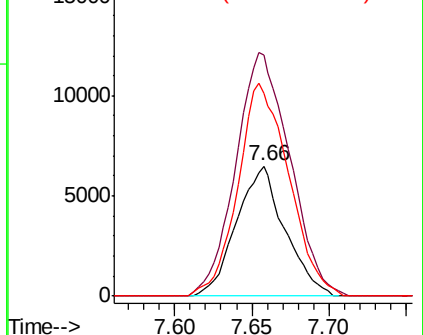


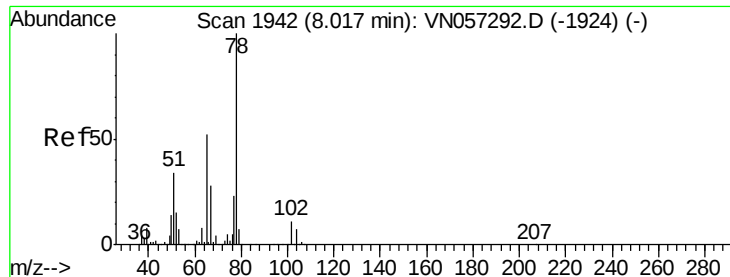
#31
Cyclohexane
Concen: 0.895 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

Tgt Ion:	56	Resp:	14151
Ion	Ratio	Lower	Upper
56	100		
69	185.0	27.3	40.9#
84	155.3	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: 42.023 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

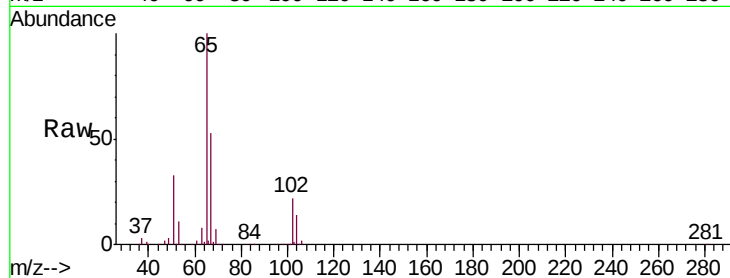
PB122346TB

Tgt Ion: 65 Resp: 487590

Ion Ratio Lower Upper

65 100

67 53.1 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

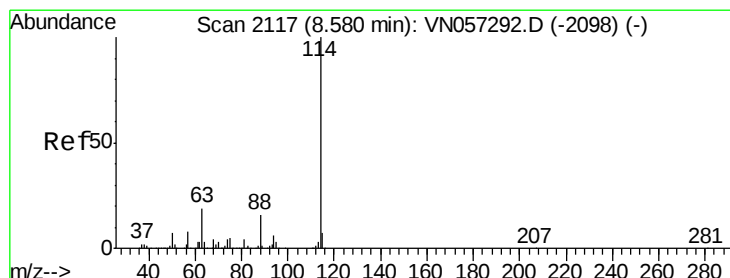
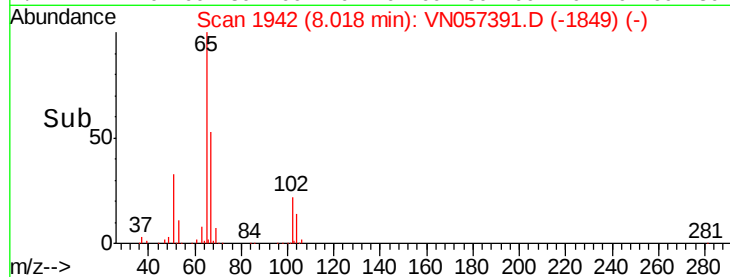
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Time-->

7.90

8.00

8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

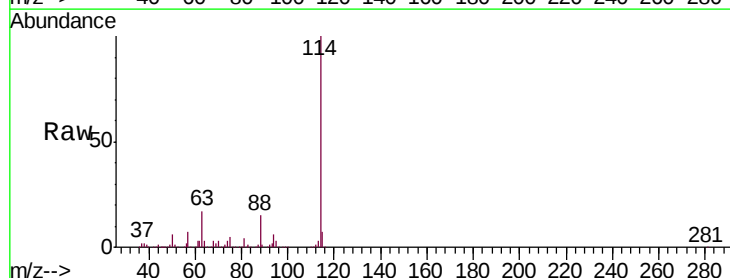
Tgt Ion: 114 Resp: 1478026

Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.8

88 15.0 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

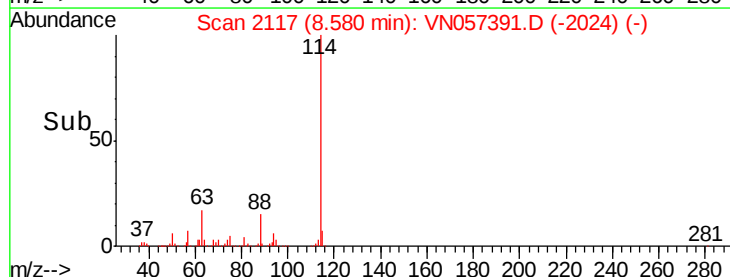
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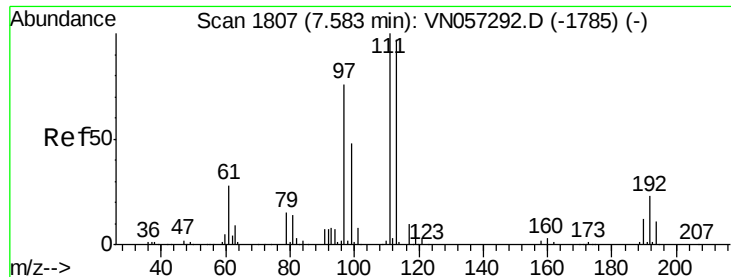
Time-->

8.50

8.60

8.70

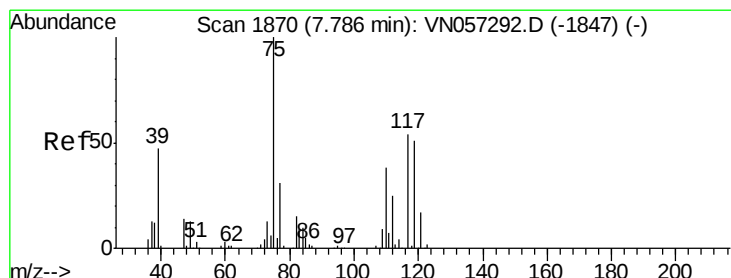
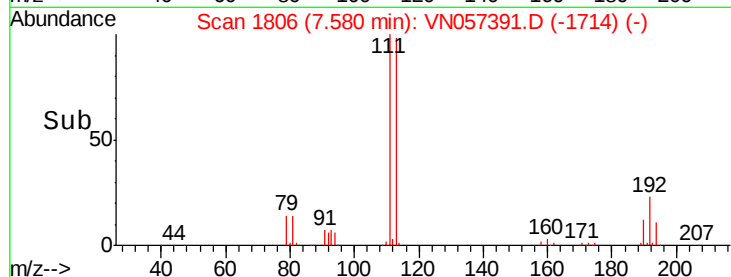
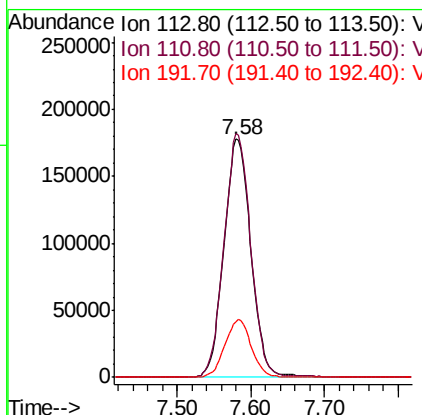
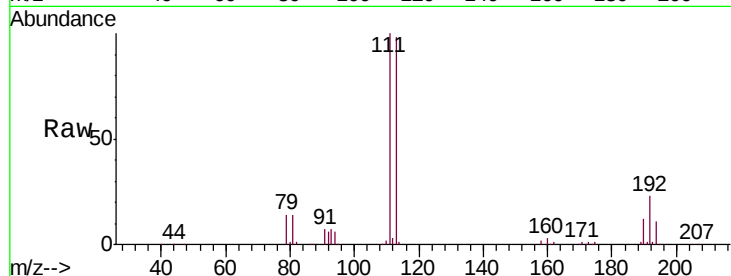




#35
 Dibromofluoromethane
 Concen: 46.656 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

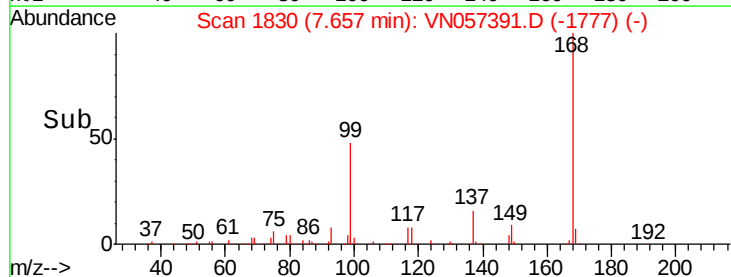
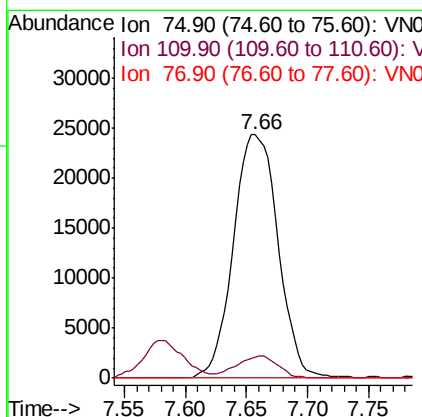
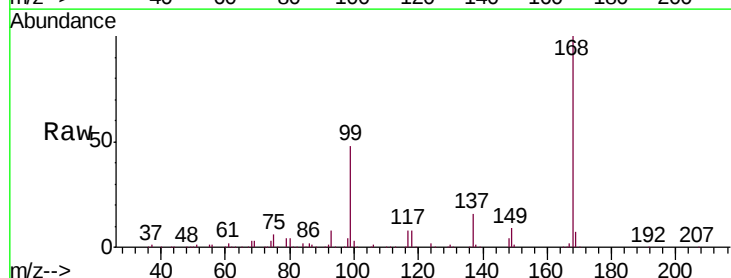
Instrument :
 MSVOA_N
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 PB122346TB

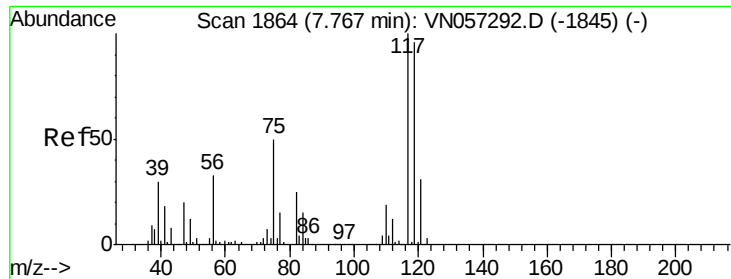
Tgt Ion: 113 Resp: 452038
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.1 123.1
 192 23.6 19.3 28.9



#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 7.66 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

Tgt Ion: 75 Resp: 61705
 Ion Ratio Lower Upper
 75 100
 110 8.6 19.5 58.5#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.548 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

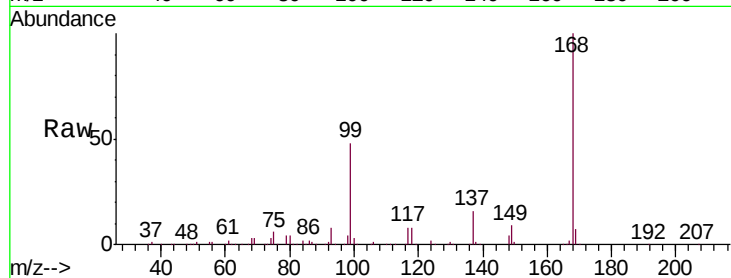
Tgt Ion:117 Resp: 88789

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

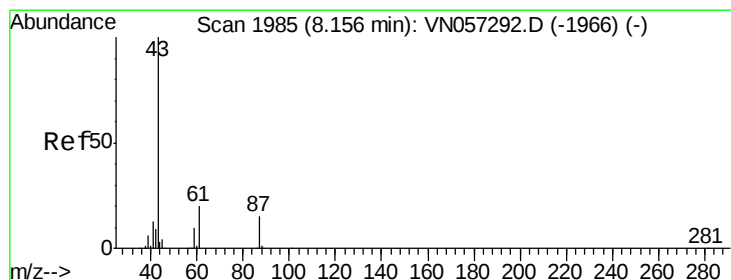
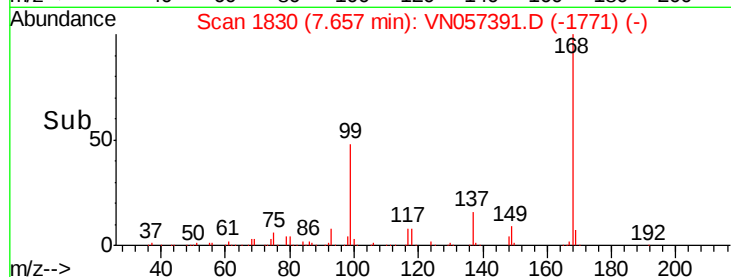
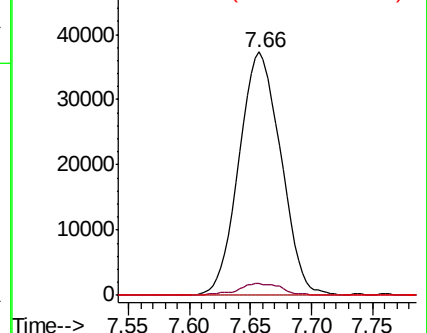
121 0.0 25.0 37.4#



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: 8.467 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

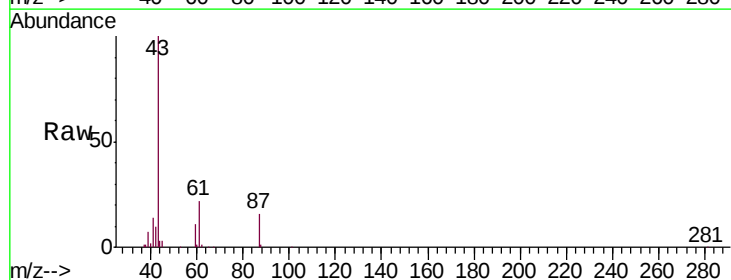
Tgt Ion: 43 Resp: 183821

Ion Ratio Lower Upper

43 100

61 16.7 21.6 32.4#

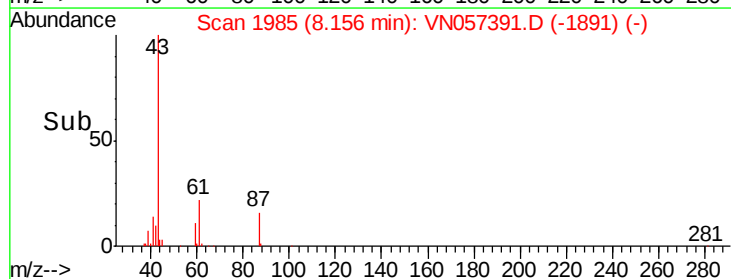
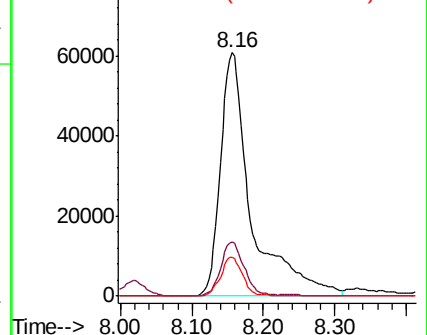
87 11.3 11.4 17.0#

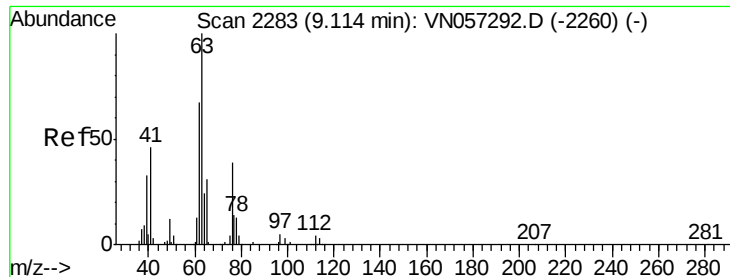


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.405 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

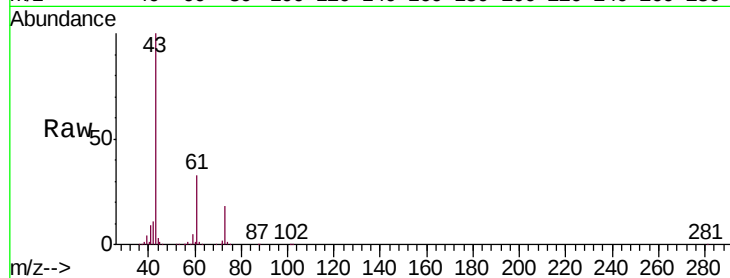
PB122346TB

Tgt Ion: 63 Resp: 4162

Ion Ratio Lower Upper

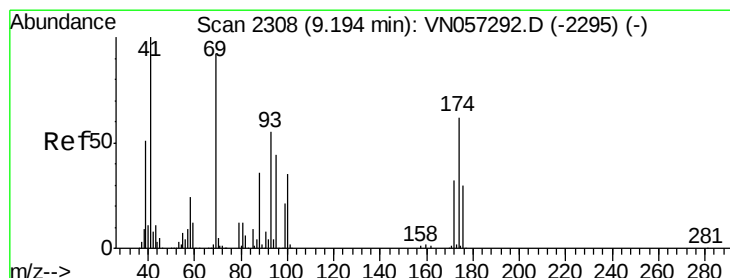
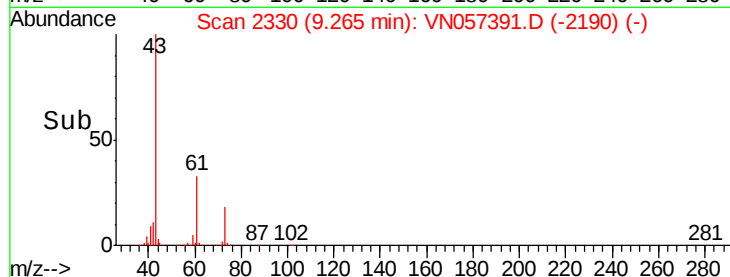
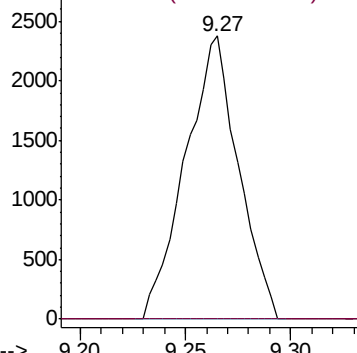
63 100

65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.088 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

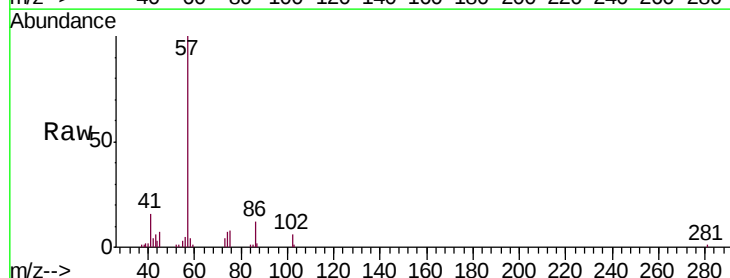
Tgt Ion: 41 Resp: 9579

Ion Ratio Lower Upper

41 100

69 0.0 75.9 113.9#

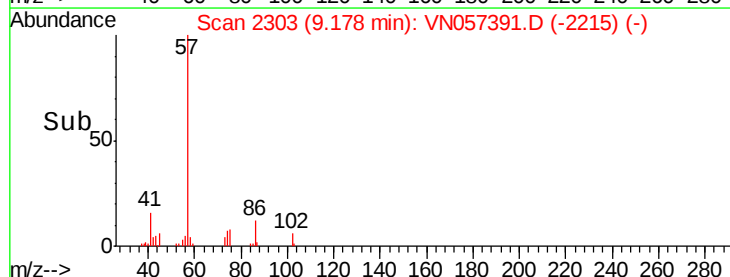
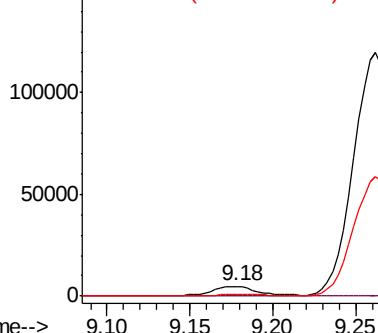
39 0.0 42.3 63.5#

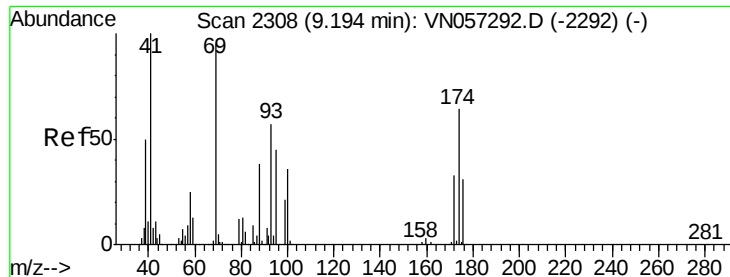


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

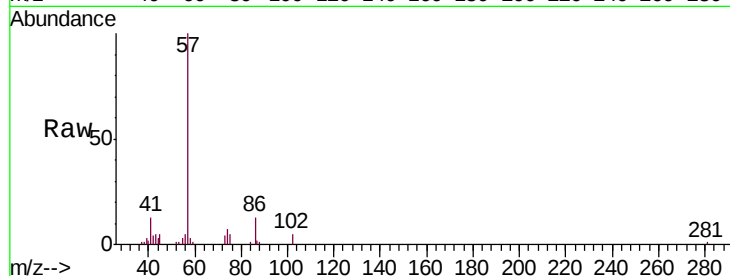




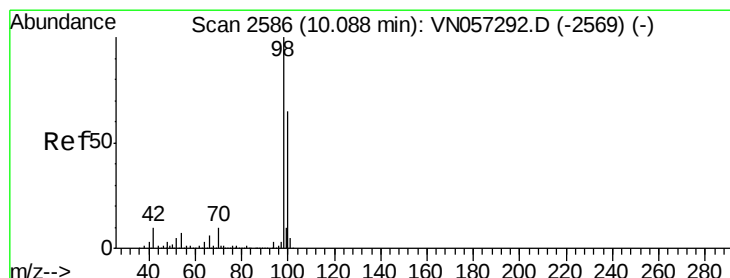
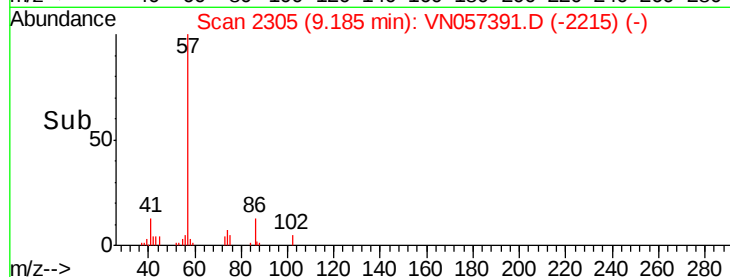
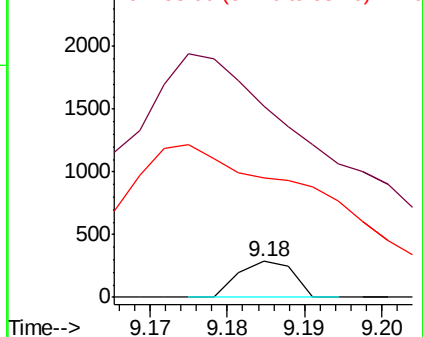
#49
1,4-Dioxane
Concen: 0.762 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

Instrument :
MSVOA_N
ClientSampled :
PB122346TB

Tgt Ion: 88 Resp: 141
Ion Ratio Lower Upper
88 100
43 0.0 22.9 34.3#
58 1741.8 52.7 79.1#

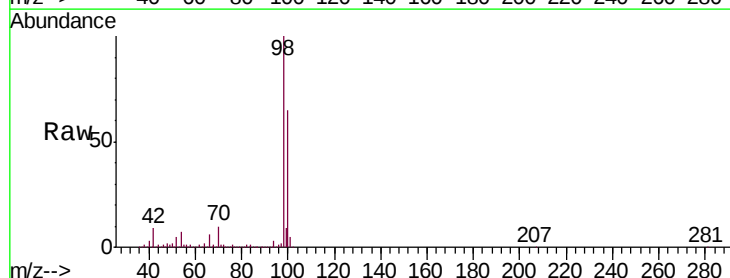


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

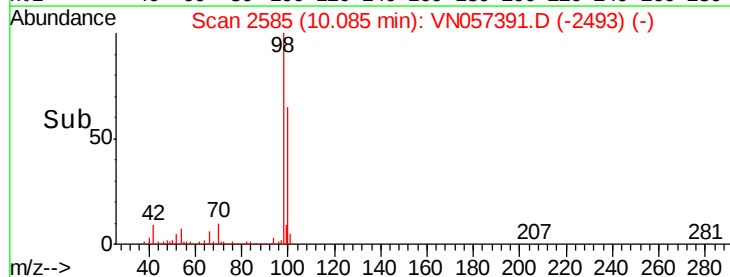
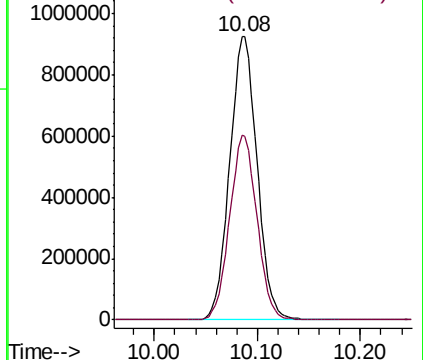


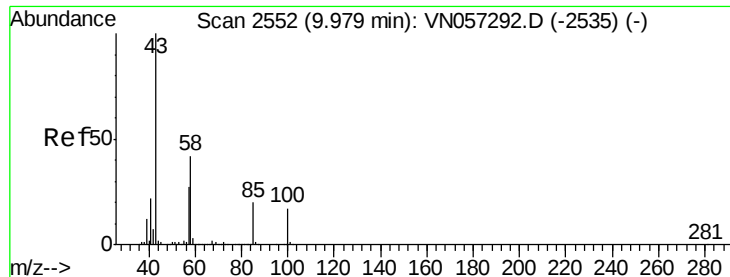
#50
Toluene-d8
Concen: 48.275 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

Tgt Ion: 98 Resp: 1710727
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

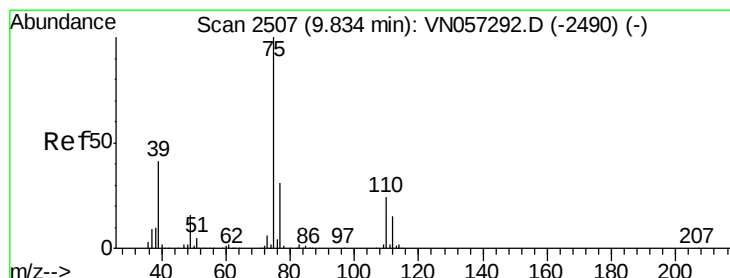
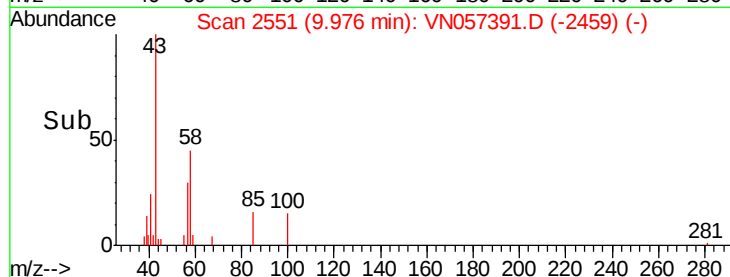
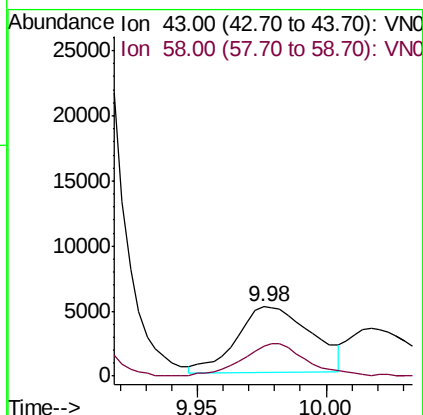
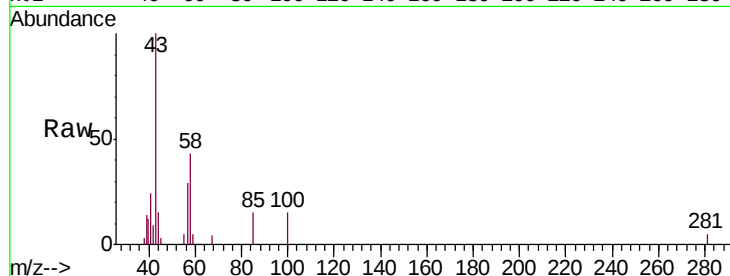




#51
 4-Methyl-2-Pentanone
 Concen: 0.925 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

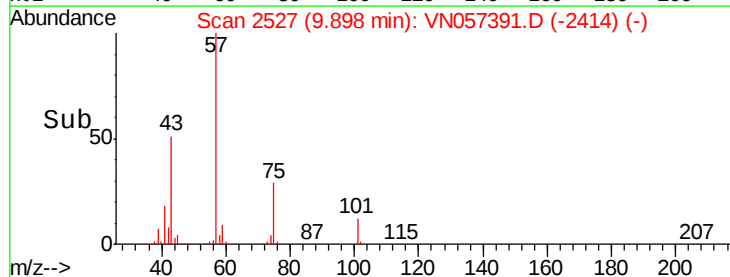
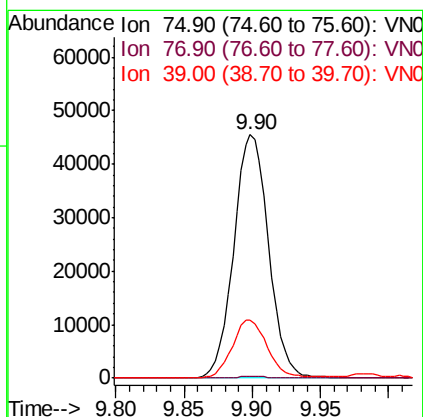
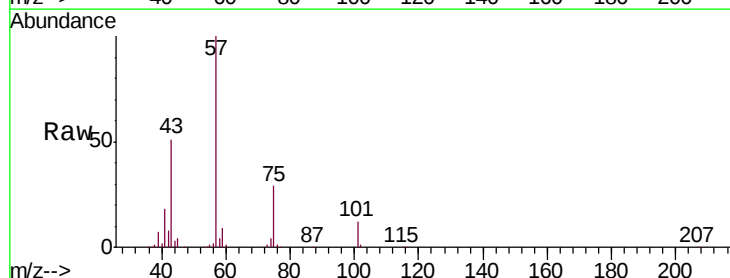
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122346TB

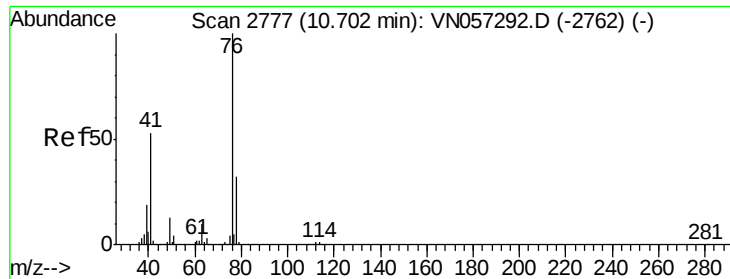
Tgt Ion: 43 Resp: 10202
 Ion Ratio Lower Upper
 43 100
 58 42.4 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.966 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

Tgt Ion: 75 Resp: 80545
 Ion Ratio Lower Upper
 75 100
 77 0.7 24.9 37.3#
 39 23.7 32.7 49.1#





#57

1,3-Dichloropropane

Concen: 0.856 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

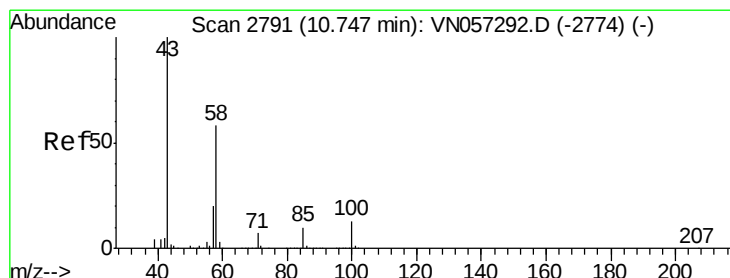
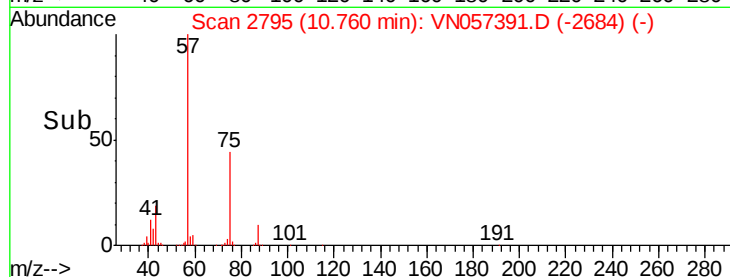
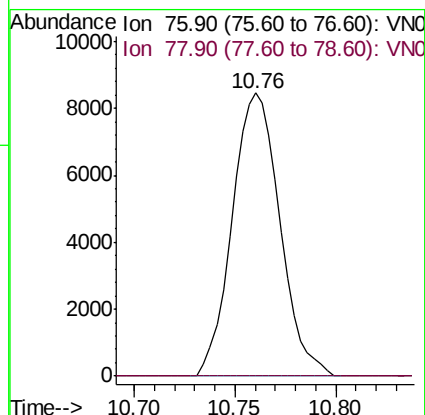
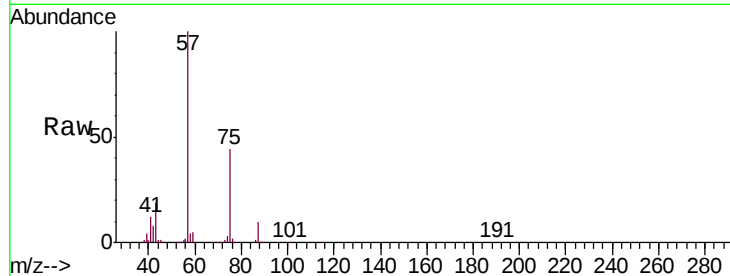
PB122346TB

Tgt Ion: 76 Resp: 13964

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#



#59

2-Hexanone

Concen: 21.439 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057391.D

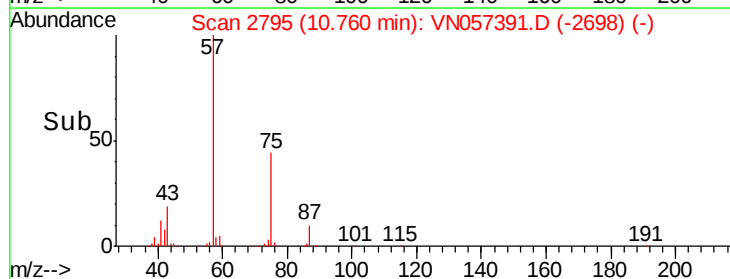
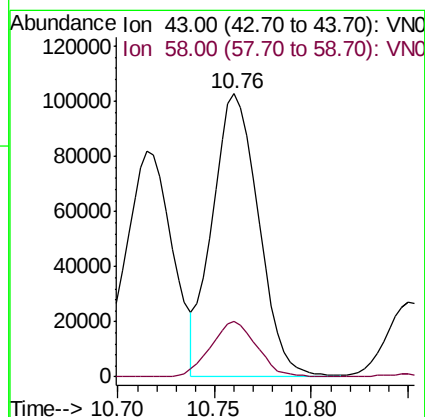
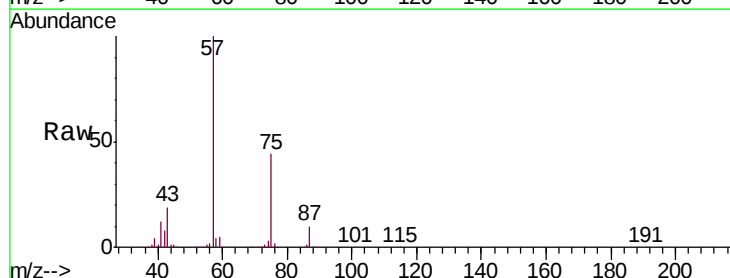
Acq: 19 Aug 2019 11:29

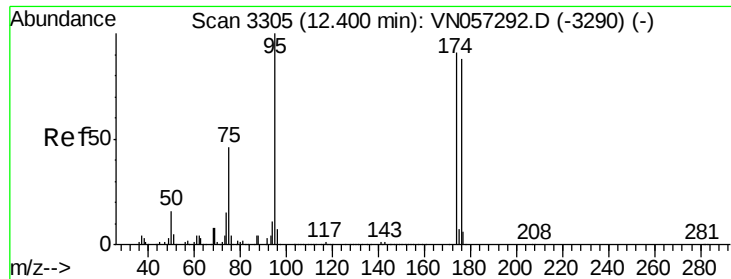
Tgt Ion: 43 Resp: 169956

Ion Ratio Lower Upper

43 100

58 19.8 28.6 85.9#





#62

4-Bromofluorobenzene

Concen: 36.965 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

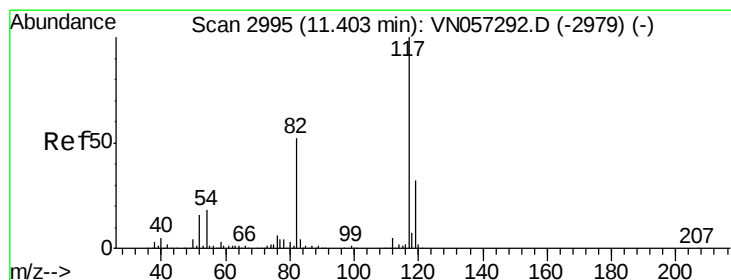
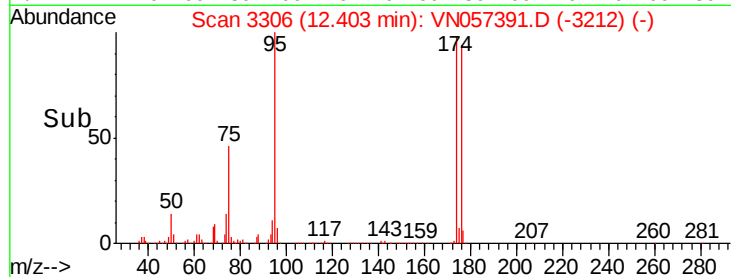
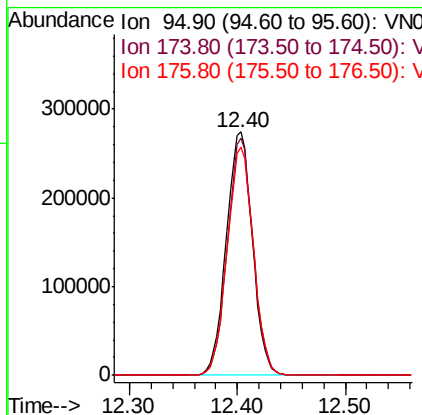
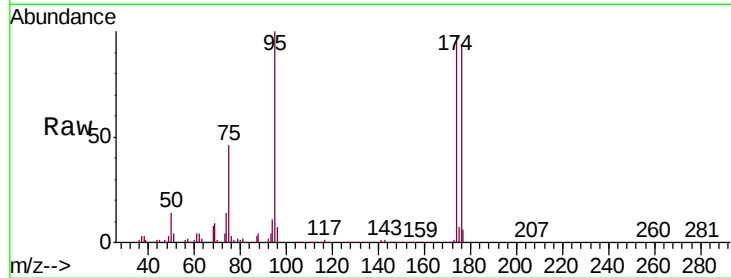
Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

Tgt Ion:	95	Resp:	462917
Ion	Ratio	Lower	Upper
95	100		
174	96.0	0.0	185.0
176	94.0	0.0	181.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

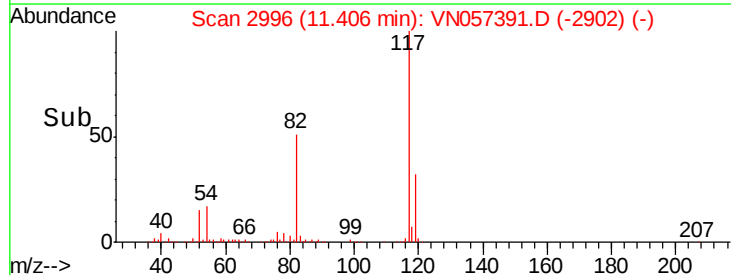
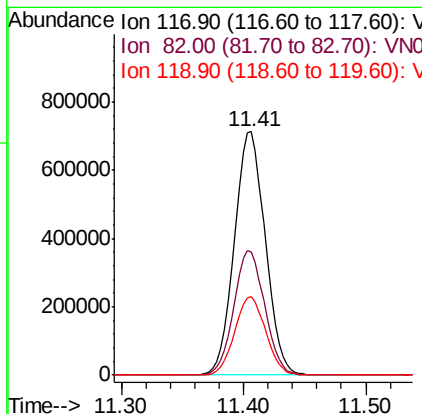
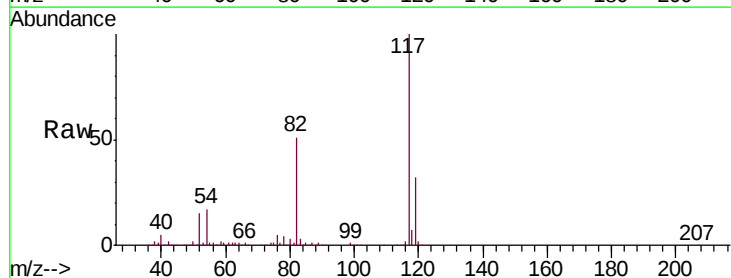
RT: 11.41 min Scan# 2996

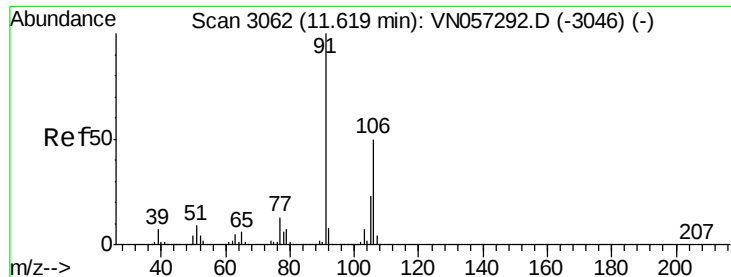
Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Tgt Ion:	117	Resp:	1250824
Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.2	61.8
119	32.3	25.8	38.8

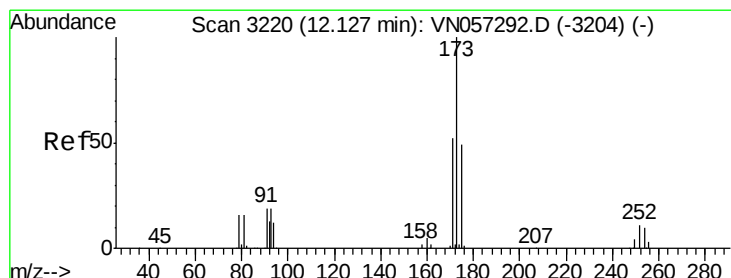
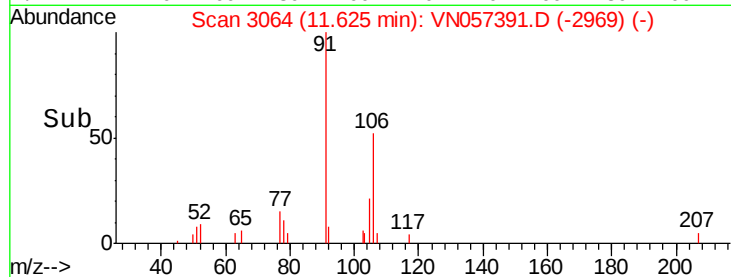
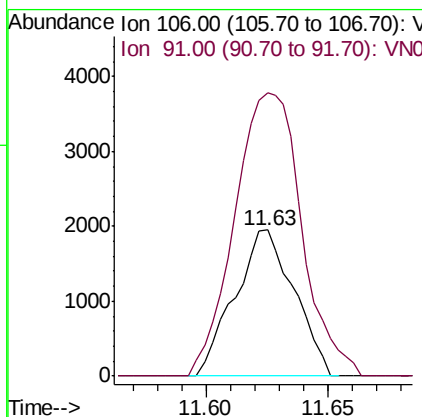
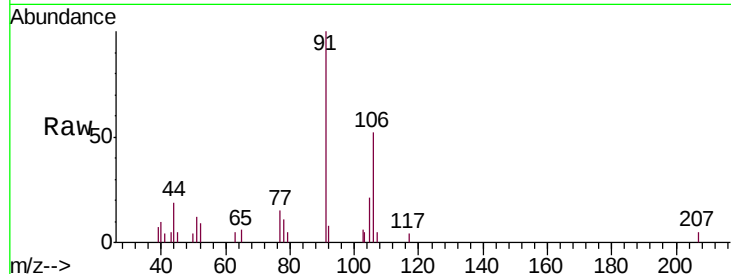




#68
m/p-Xylenes
Concen: 0.200 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

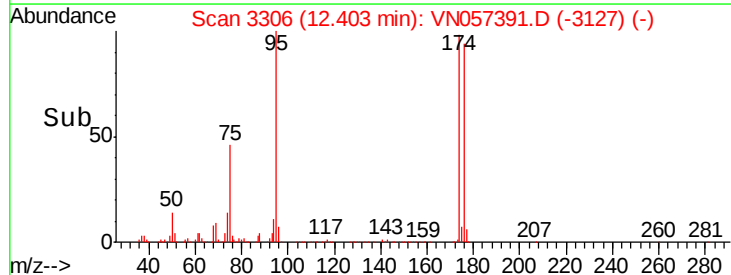
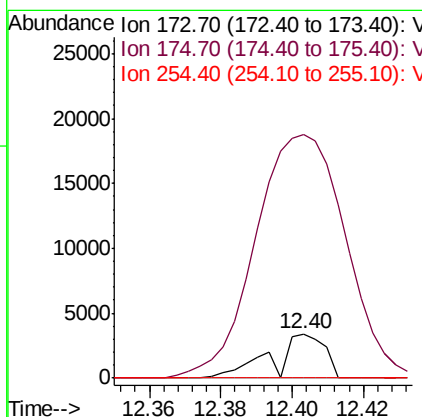
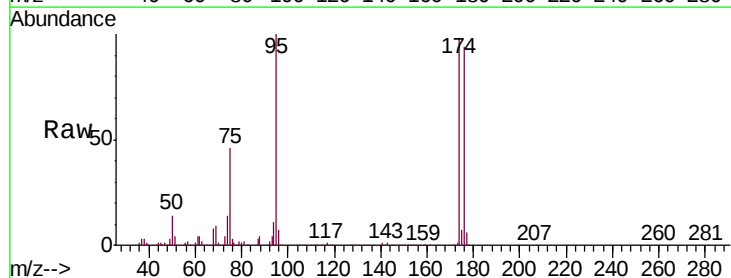
Instrument :
MSVOA_N
ClientSampleId :
PB122346TB

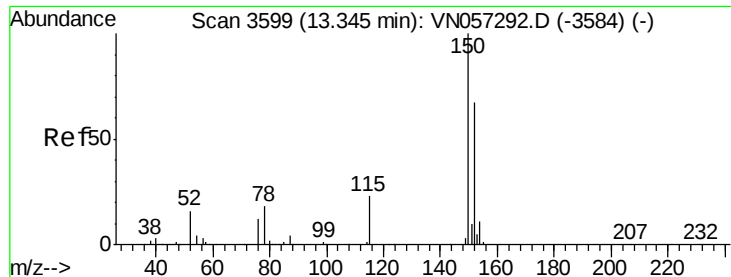
Tgt Ion:106 Resp: 3297
Ion Ratio Lower Upper
106 100
91 219.0 161.5 242.3



#71
Bromoform
Concen: 0.451 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN057391.D
Acq: 19 Aug 2019 11:29

Tgt Ion:173 Resp: 3475
Ion Ratio Lower Upper
173 100
175 815.9 24.2 72.6#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

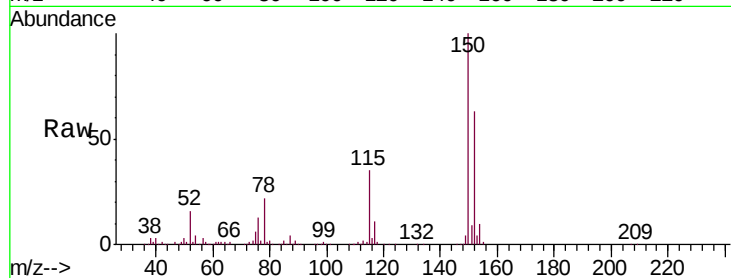
Tgt Ion:152 Resp: 327206

Ion Ratio Lower Upper

152 100

115 54.3 27.3 81.9

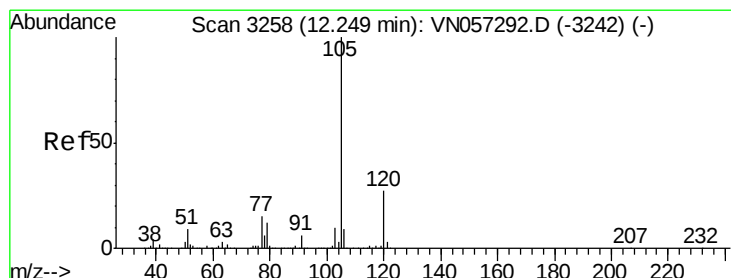
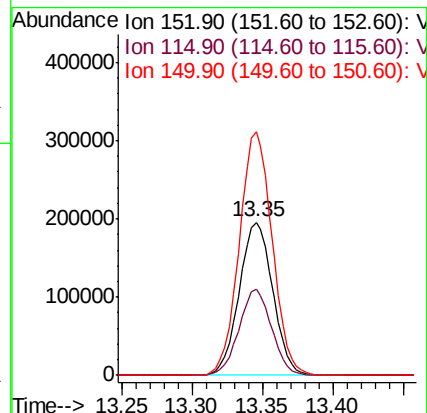
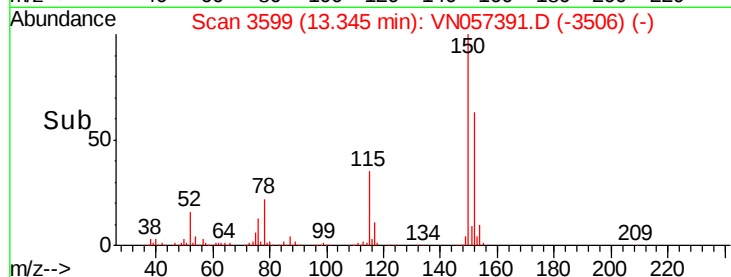
150 155.9 0.0 344.4



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# 3258

Delta R.T. 0.00 min

Lab File: VN057391.D

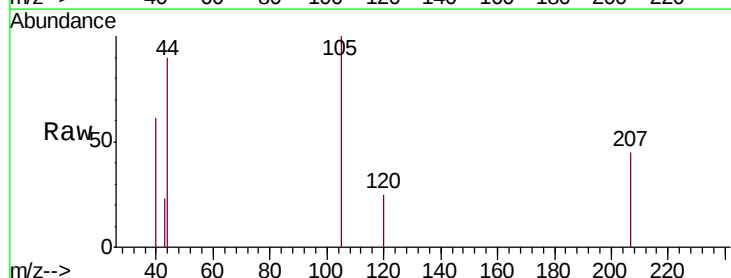
Acq: 19 Aug 2019 11:29

Tgt Ion:105 Resp: 1068

Ion Ratio Lower Upper

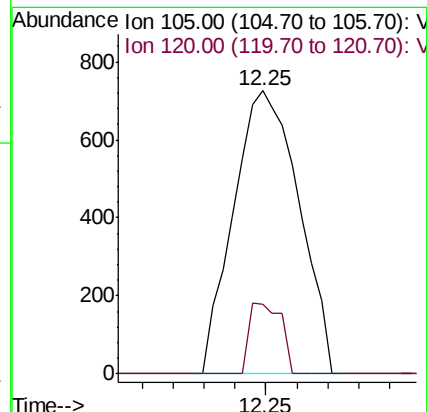
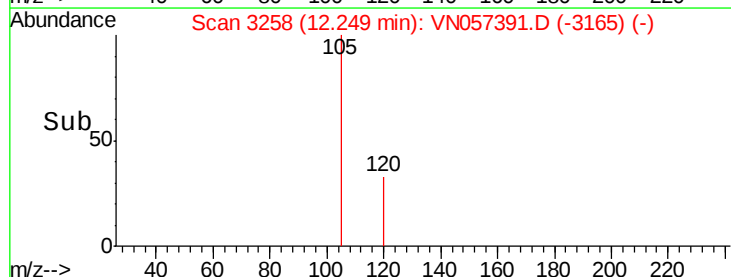
105 100

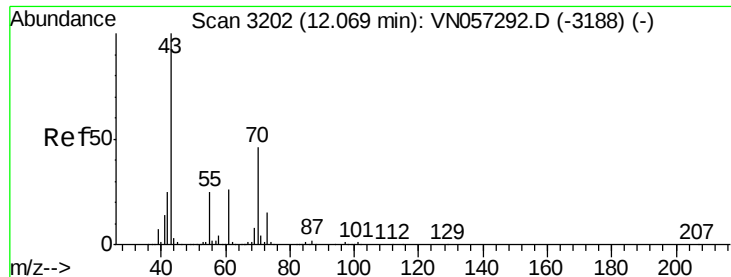
120 12.1 13.2 39.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.543 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

Tgt Ion: 43 Resp: 5160

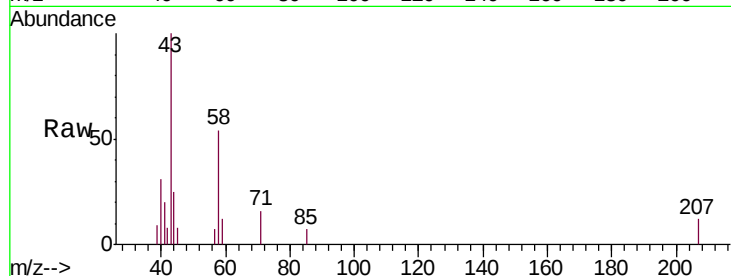
Ion Ratio Lower Upper

43 100

70 0.0 36.2 54.2#

55 2.8 20.1 30.1#

61 0.0 20.9 31.3#

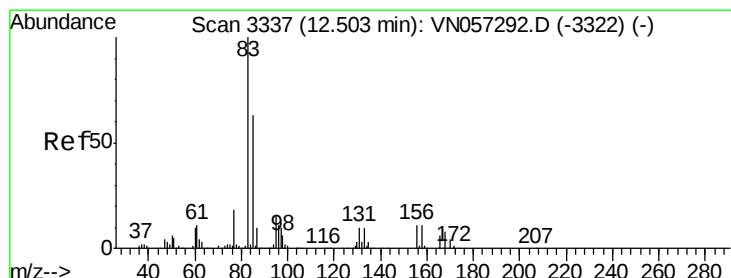
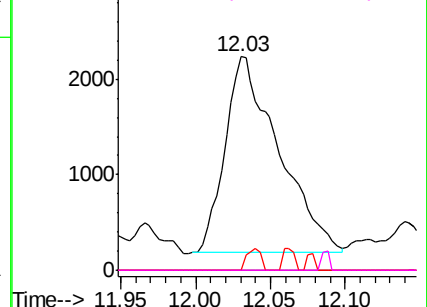
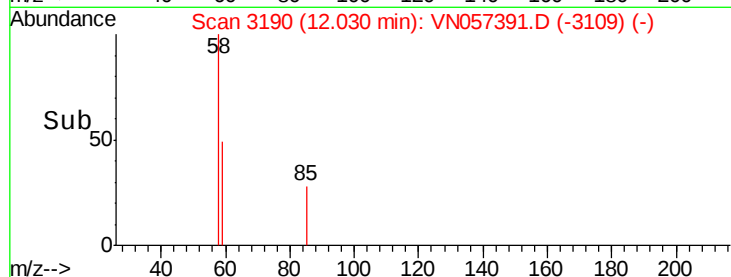


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

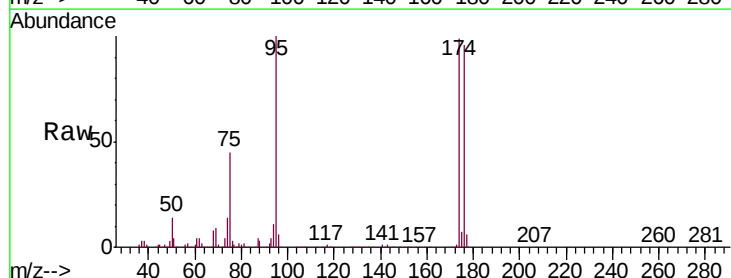
Tgt Ion: 83 Resp: 272

Ion Ratio Lower Upper

83 100

131 158.8 5.4 16.2#

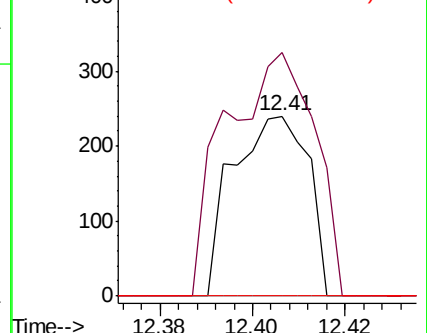
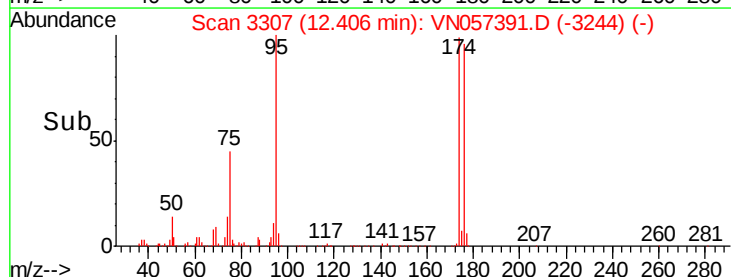
85 0.0 32.3 96.9#

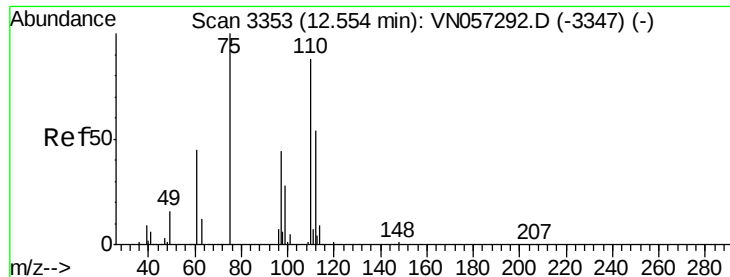


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 31.884 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

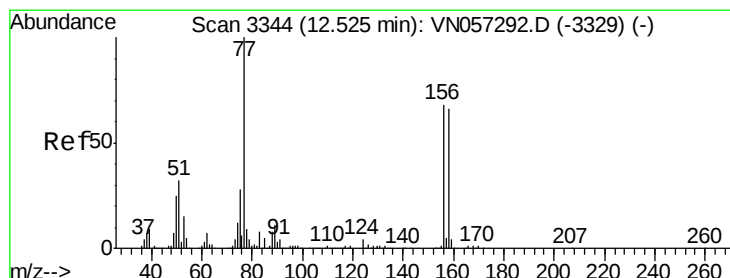
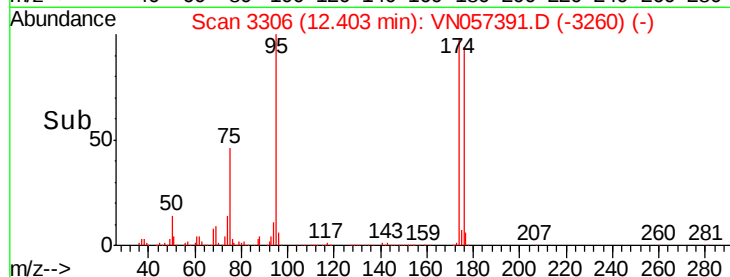
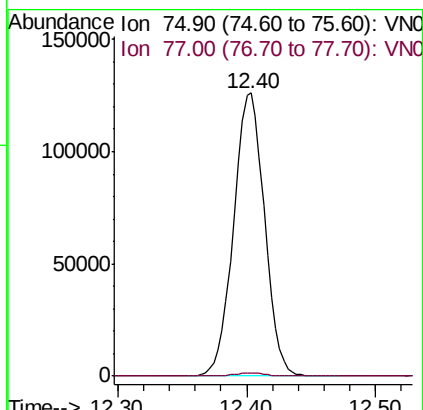
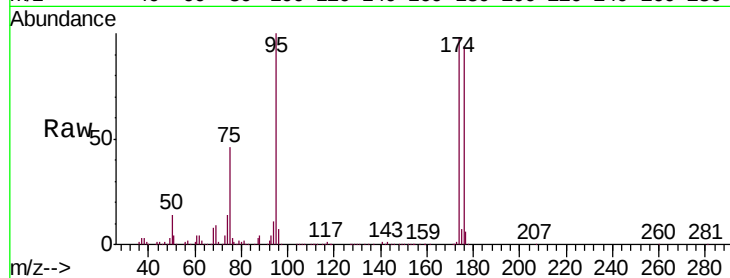
PB122346TB

Tgt Ion: 75 Resp: 209773

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

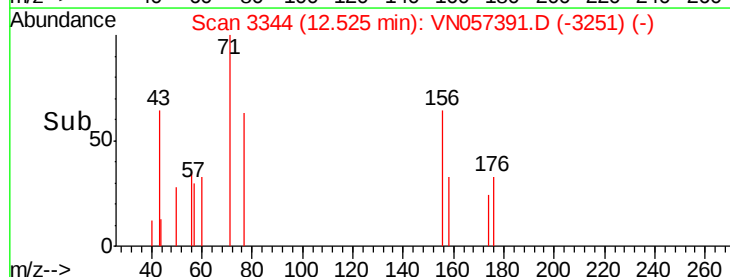
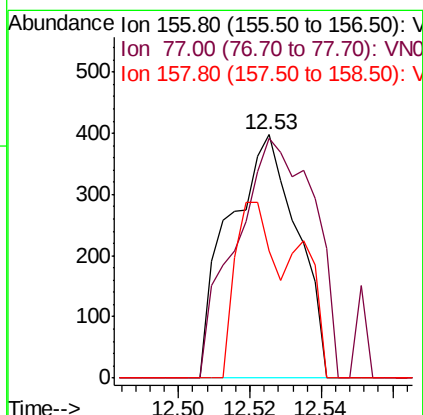
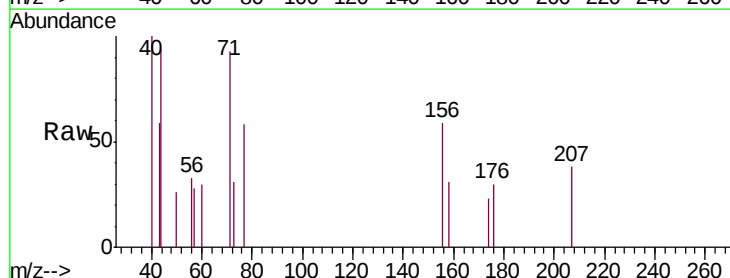
Tgt Ion: 156 Resp: 524

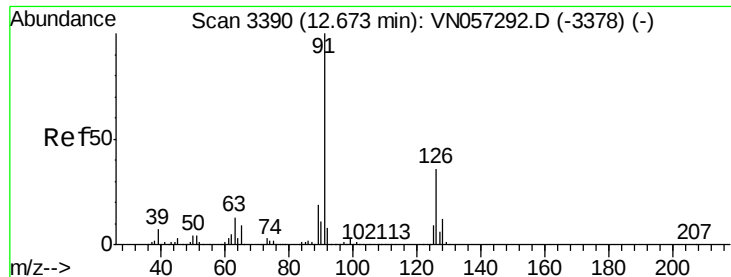
Ion Ratio Lower Upper

156 100

77 113.0 89.8 269.6

158 41.8 49.3 147.8#

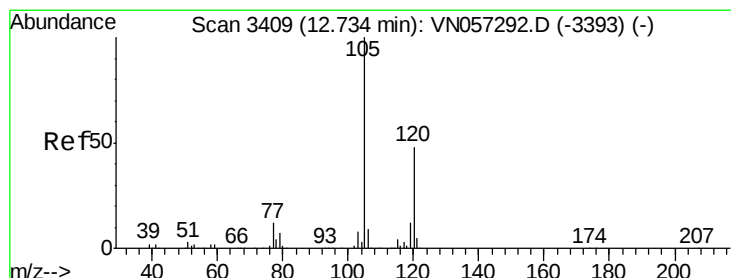
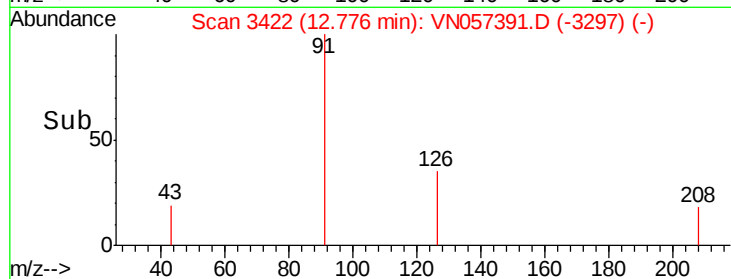
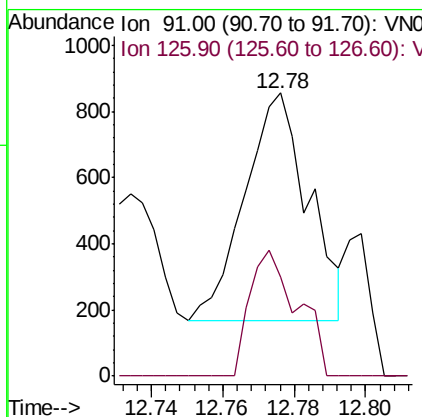
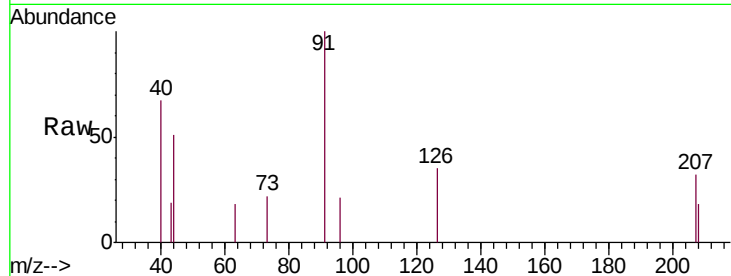




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.78 min Scan# 3422
 Delta R.T. 0.10 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

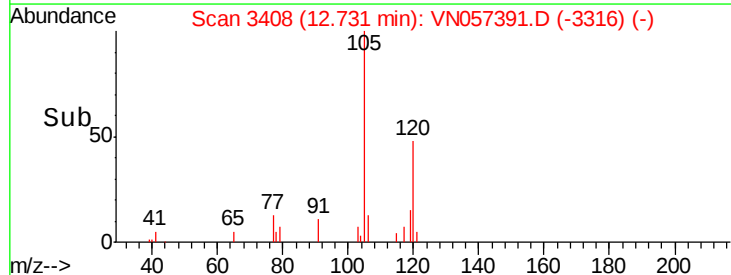
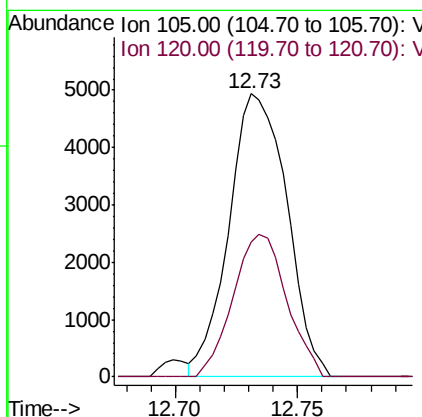
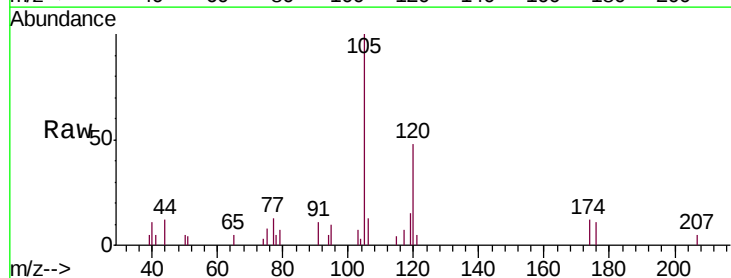
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122346TB

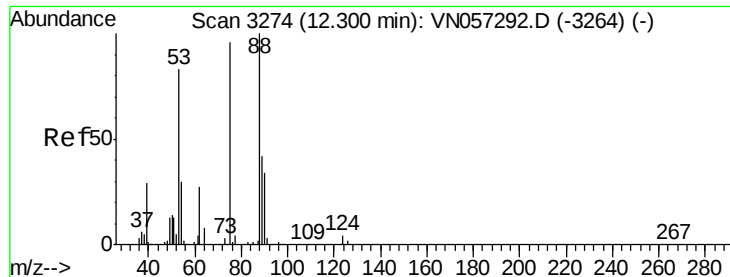
Tgt Ion: 91 Resp: 847
 Ion Ratio Lower Upper
 91 100
 126 41.6 18.1 54.1



#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

Tgt Ion: 105 Resp: 8140
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.3 73.0

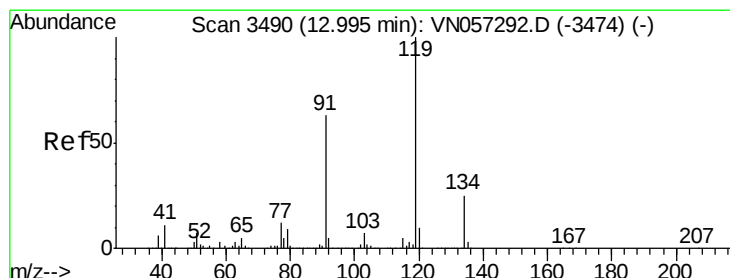
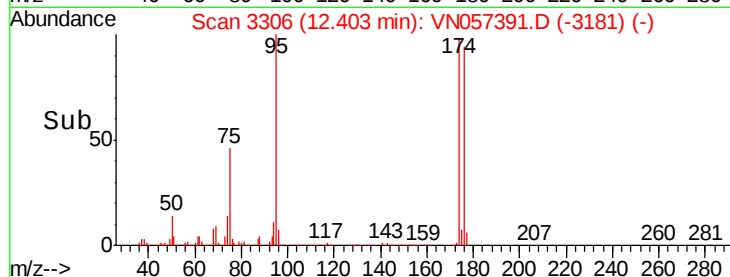
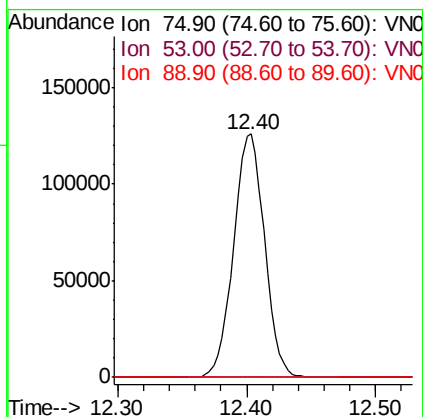
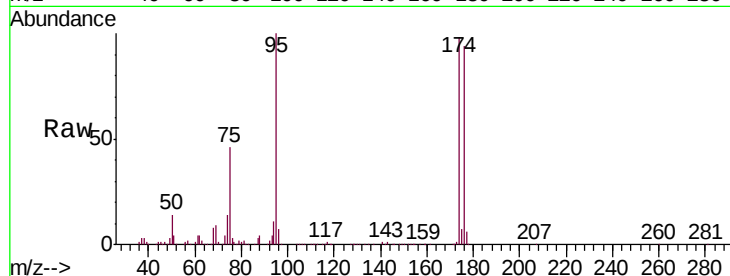




#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.175 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

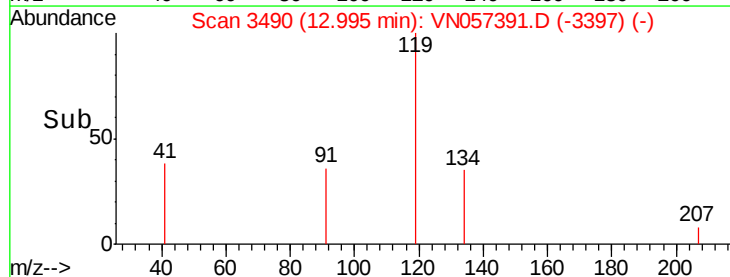
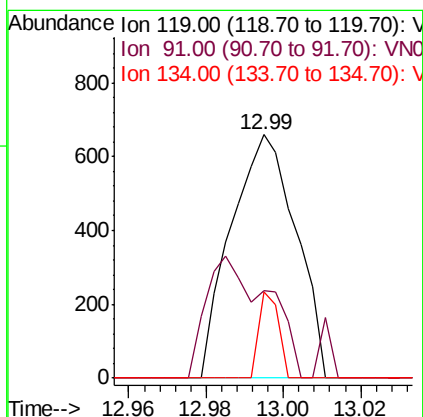
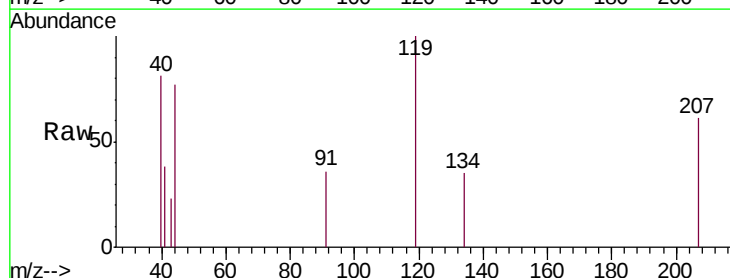
Instrument :
 MSVOA_N
 ClientSampleId :
 PB122346TB

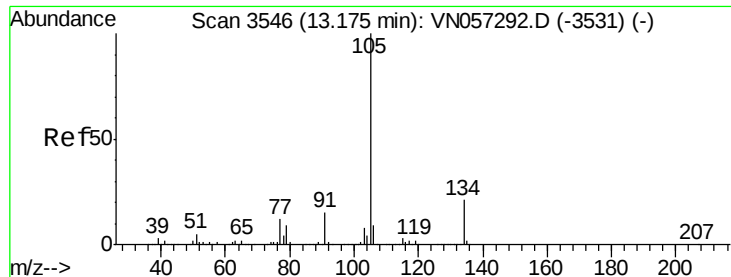
Tgt Ion: 75 Resp: 209773
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.9 101.9#
 89 0.0 36.2 54.4#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN057391.D
 Acq: 19 Aug 2019 11:29

Tgt Ion: 119 Resp: 770
 Ion Ratio Lower Upper
 119 100
 91 47.3 31.3 93.8
 134 10.8 13.1 39.1#





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

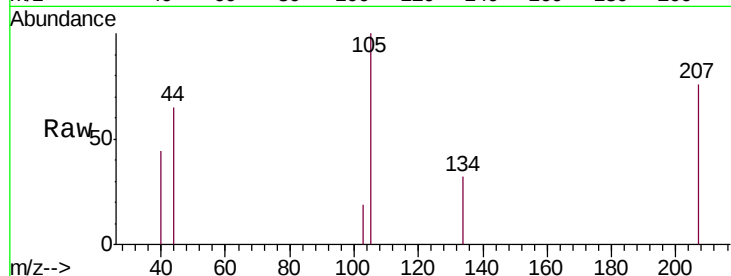
PB122346TB

Tgt Ion:105 Resp: 1624

Ion Ratio Lower Upper

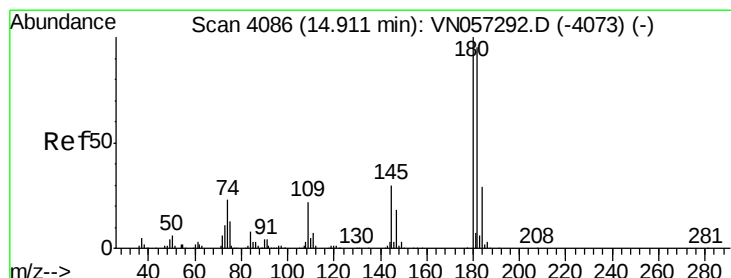
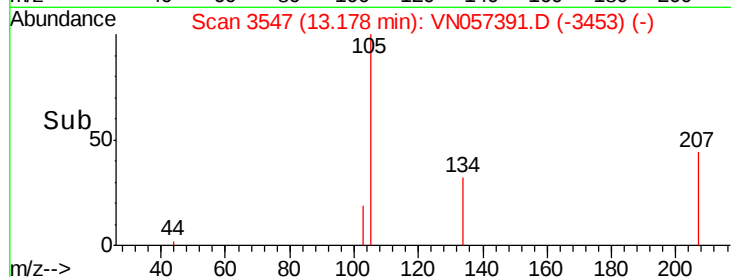
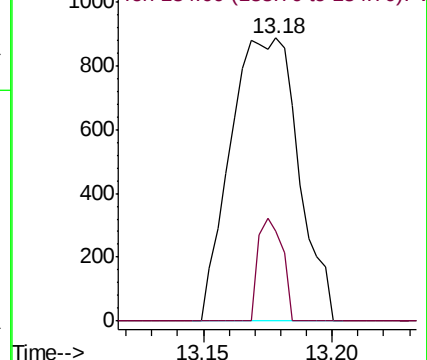
105 100

134 12.9 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: 5.665 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

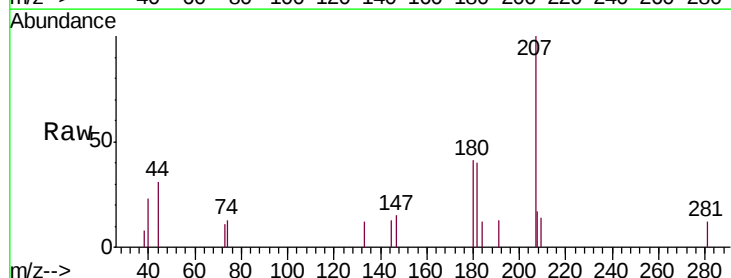
Tgt Ion:180 Resp: 1479

Ion Ratio Lower Upper

180 100

182 98.2 48.0 144.2

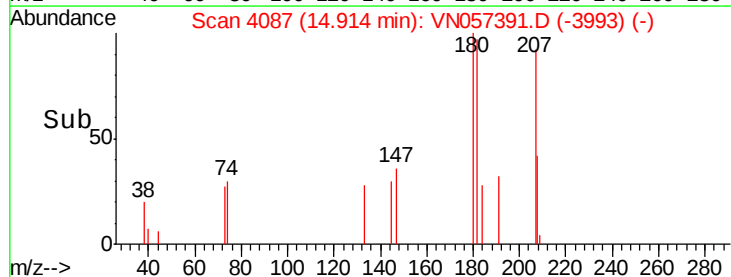
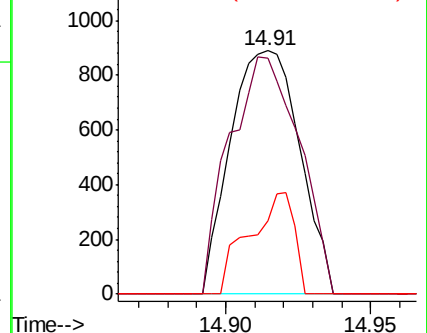
145 27.0 14.5 43.6

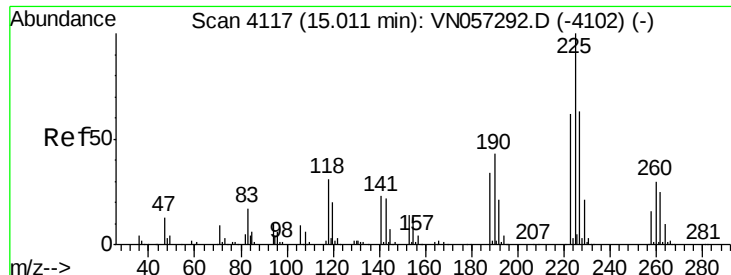


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. -0.01 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

PB122346TB

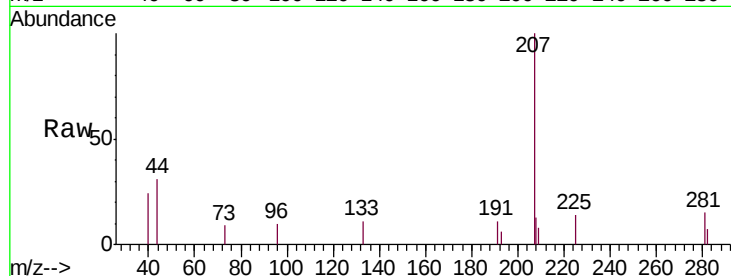
Tgt Ion: 225 Resp: 380

Ion Ratio Lower Upper

225 100

223 95.0 30.7 92.1#

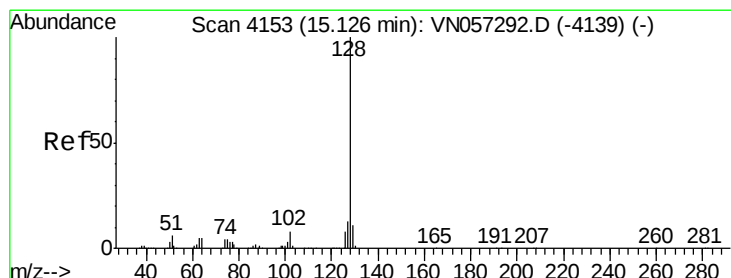
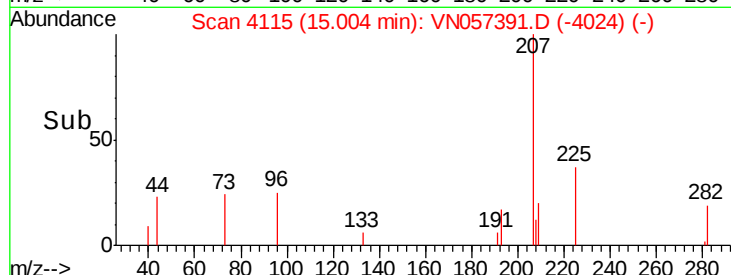
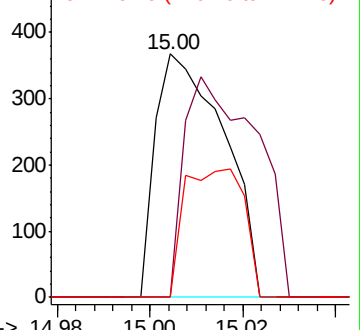
227 45.8 30.9 92.7



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: 15.12 min Scan# 4152

Delta R.T. -0.00 min

Lab File: VN057391.D

Acq: 19 Aug 2019 11:29

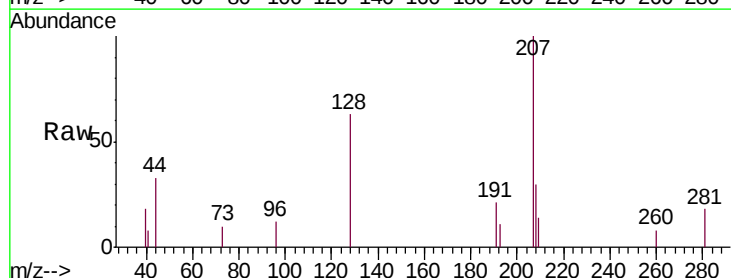
Tgt Ion: 128 Resp: 2234

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

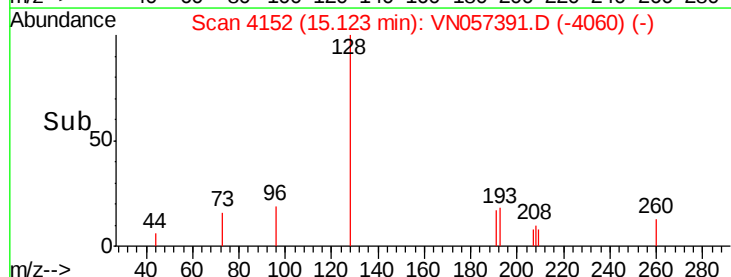
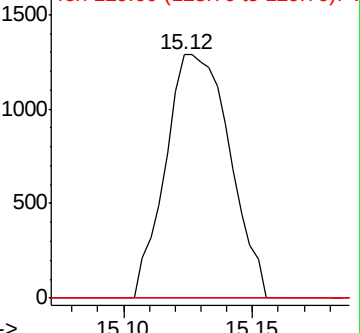
129 0.0 8.8 13.2#

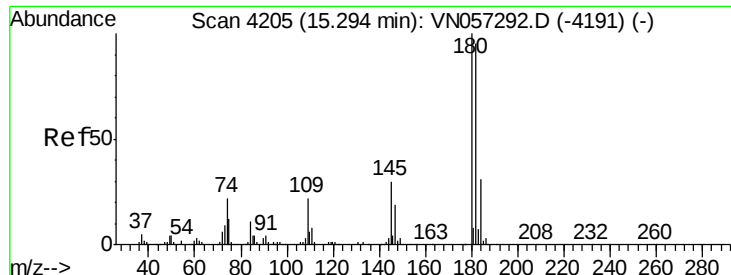


Abundance Ion 128.00 (127.70 to 128.70): V

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: VN057391.D
 Acq: 19 Aug 2019 11:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB122346TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.9	143.6
145	31.1	15.1	45.3

