

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057047.D
 Acq On : 1 Aug 2019 19:04
 Operator : JC/SP
 Sample : K4114-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-TEST-PIT

Quant Time: Aug 02 05:16:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	576827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	823831	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	673572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198948	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	276667	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
35) Dibromofluoromethane	7.58	113	255455	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	10.08	98	966435	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	260242	39.75	ug/l	0.00
Spiked Amount			Recovery	=	79.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	2145	0.527	ug/l	93
10) Methyl Iodide	3.95	142	3247	0.457	ug/l #	75
11) Tert butyl alcohol	4.76	59	958	1.200	ug/l #	74
13) Acrolein	3.60	56	769	Below Cal	#	59
16) Acetone	3.81	43	29708	13.888	ug/l	96
17) Carbon Disulfide	4.04	76	7845	0.582	ug/l #	92
18) Methyl Acetate	4.33	43	3717	0.545	ug/l #	79
20) Methylene Chloride	4.55	84	1872	0.304	ug/l #	69
25) 2-Butanone	6.83	43	13137	4.331	ug/l	98
31) Cyclohexane	7.65	56	9103	0.938	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	35098	4.842	ug/l #	48
37) Ethyl Acetate	6.83	43	13137	2.263	ug/l #	68
38) Carbon Tetrachloride	7.65	117	47356	6.906	ug/l #	18
43) Isopropyl Acetate	8.23	43	3845	0.401	ug/l #	52
49) 1,4-Dioxane	9.19	88	65	0.681	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	2195	0.385	ug/l	97
52) Toluene	10.15	92	887637	66.169	ug/l	98
56) Ethyl methacrylate	10.43	69	306	1.797	ug/l #	28
59) 2-Hexanone	10.75	43	4117	3.428	ug/l	67
68) m/p-Xylenes	11.61	106	2547	0.291	ug/l	94
70) Styrene	11.96	104	1912	1.988	ug/l #	85
73) Isopropylbenzene	12.25	105	4912	0.286	ug/l	99
74) N-amyl acetate	12.07	43	2637	0.528	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.50	83	249	Below Cal	#	66
76) 1,2,3-Trichloropropane	12.40	75	121660	30.112	ug/l #	100
77) Bromobenzene	12.52	156	1131	0.252	ug/l	92
78) n-propylbenzene	12.59	91	4415	0.240	ug/l	98
79) 2-Chlorotoluene	12.67	91	3305	0.292	ug/l	86
80) 1,3,5-Trimethylbenzene	12.73	105	3164	0.224	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	121660	96.748	ug/l #	15
82) 4-Chlorotoluene	12.77	91	3950	0.373	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	3682	0.271	ug/l	97
85) sec-Butylbenzene	13.17	105	4099	0.254	ug/l	98
86) p-Isopropyltoluene	13.29	119	4709	0.329	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

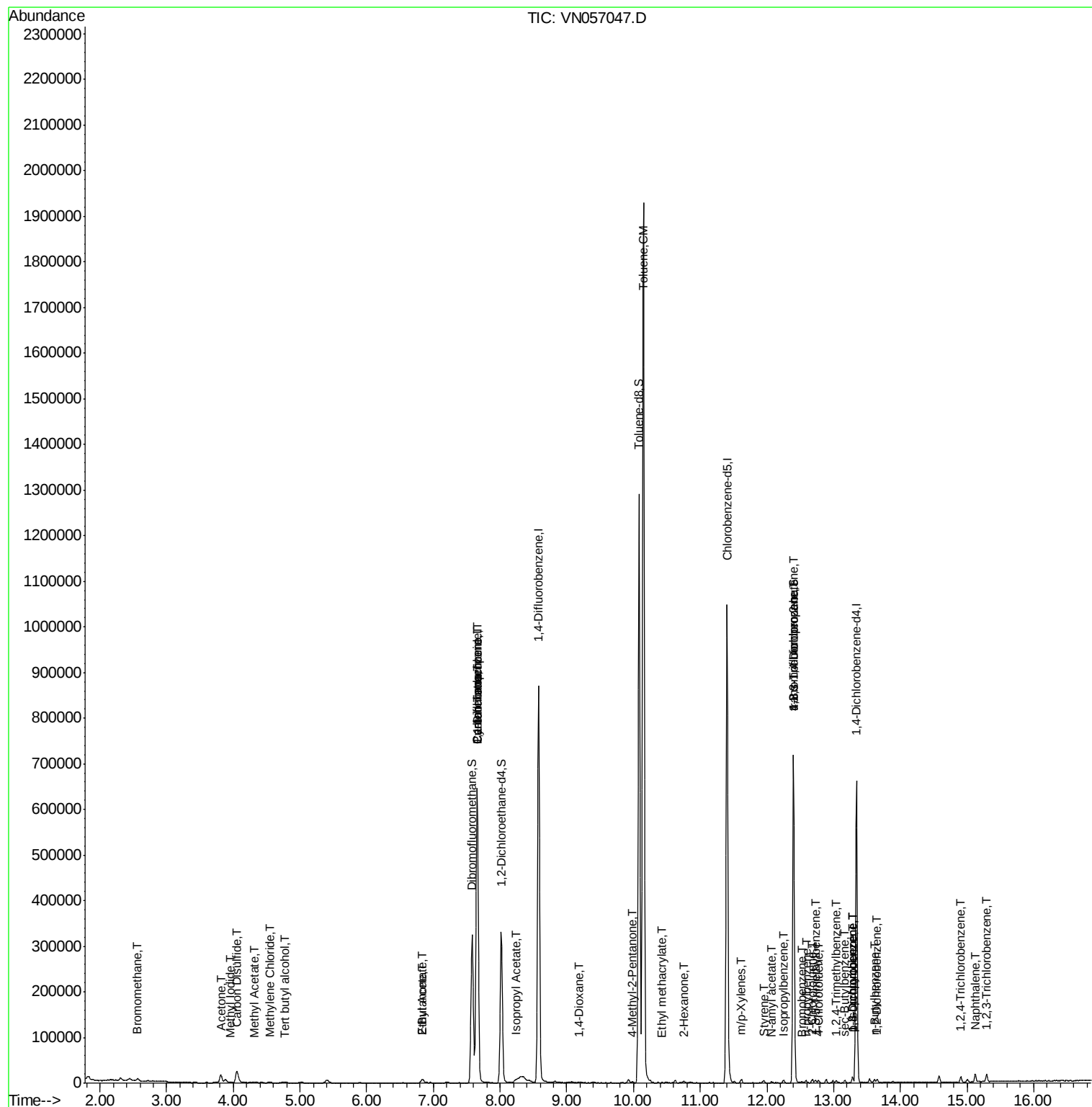
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.28	146	3693	0.541	ug/l	91
88) 1,4-Dichlorobenzene	13.28	146	3693	0.562	ug/l	91
89) n-Butylbenzene	13.62	91	4373	0.397	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	4017	0.598	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	4911	4.052	ug/l	98
94) Hexachlorobutadiene	15.00	225	1591	Below Cal		80
95) Naphthalene	15.12	128	15392	5.278	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	6224	3.754	ug/l	94

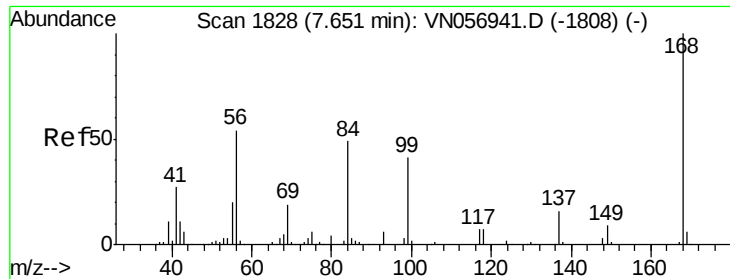
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080119\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

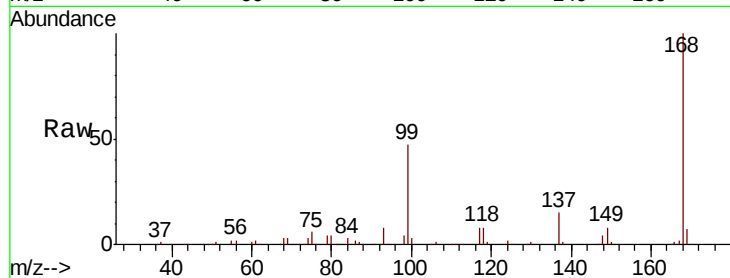
CS-TEST-PIT

Tot Ion:168 Resp: 576827

Ion Ratio Lower Upper

168 100

99 47.3 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

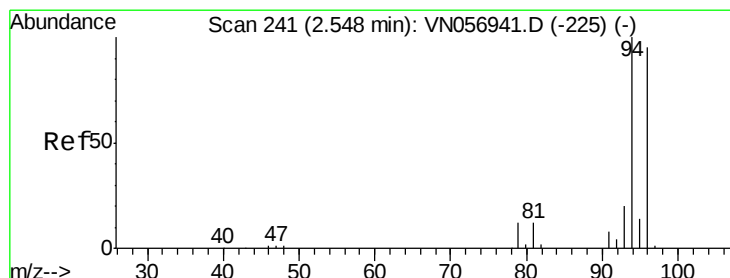
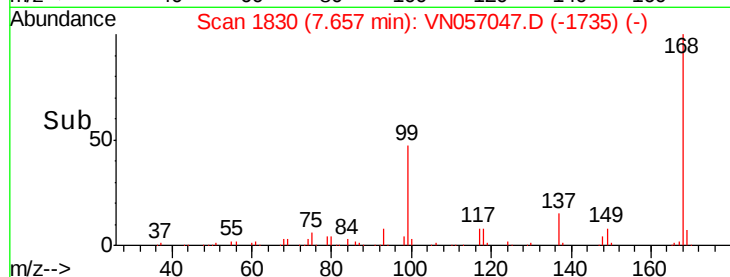
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#5

Bromomethane

Concen: 0.527 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.02 min

Lab File: VN057047.D

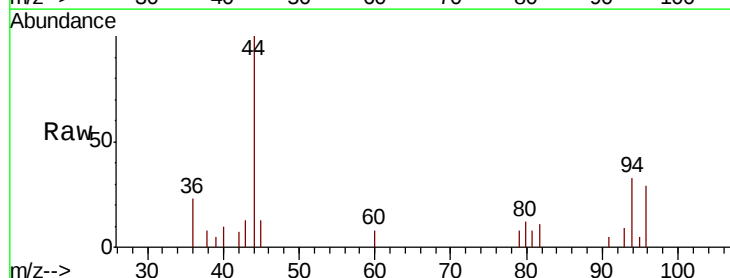
Acq: 1 Aug 2019 19:04

Tgt Ion: 94 Resp: 2145

Ion Ratio Lower Upper

94 100

96 88.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

1200

1000

800

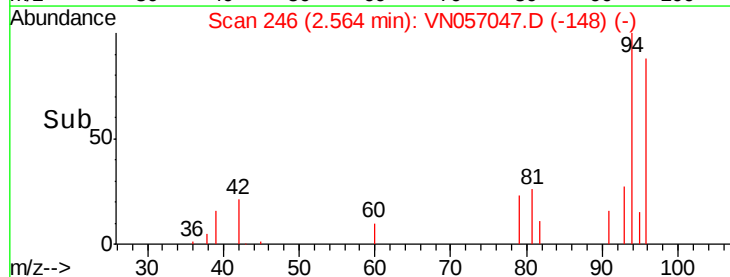
600

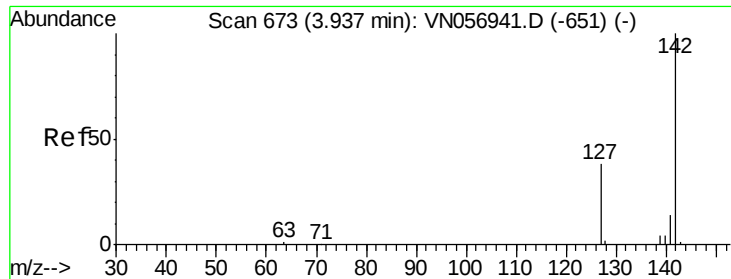
400

200

0

Time--> 2.50 2.55 2.60

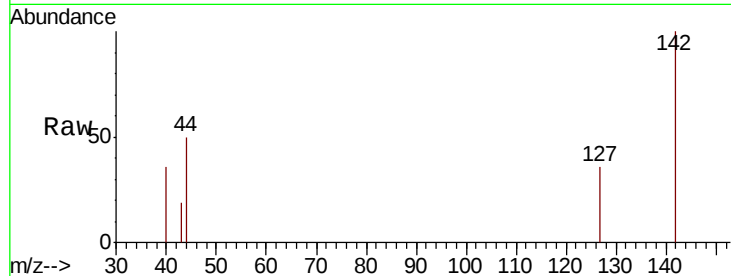




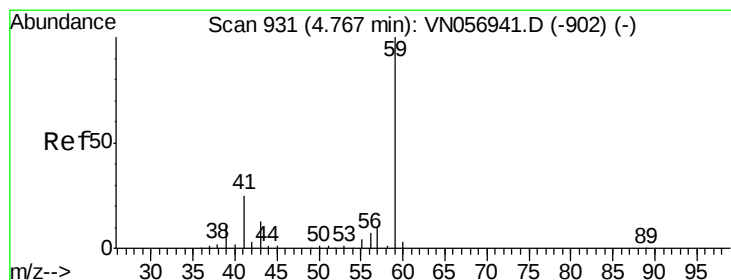
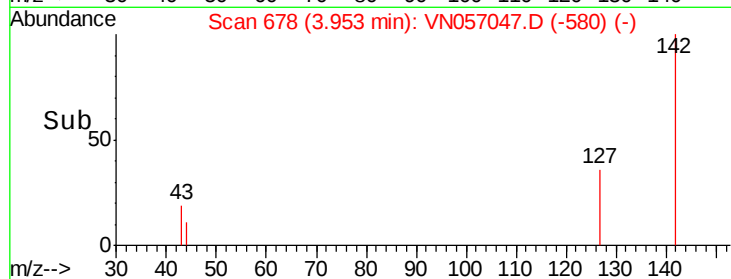
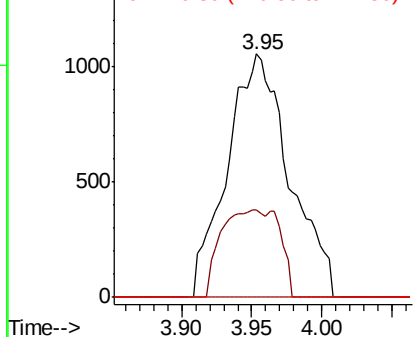
#10
Methvl Iodide
Concen: 0.457 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.02 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

Instrument :
MSVOA_N
ClientSampled :
CS-TEST-PIT

Tot Ion:142 Resp: 3247
Ion Ratio Lower Upper
142 100
127 25.2 30.4 45.6#
141 0.0 11.1 16.7#

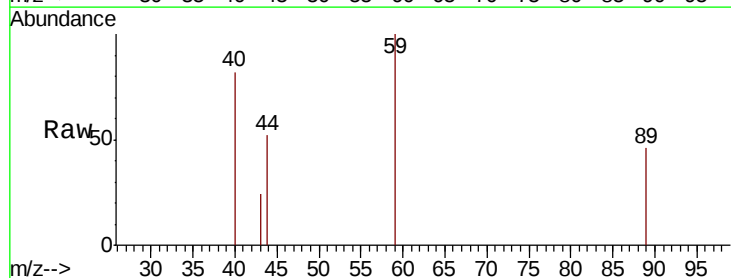


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

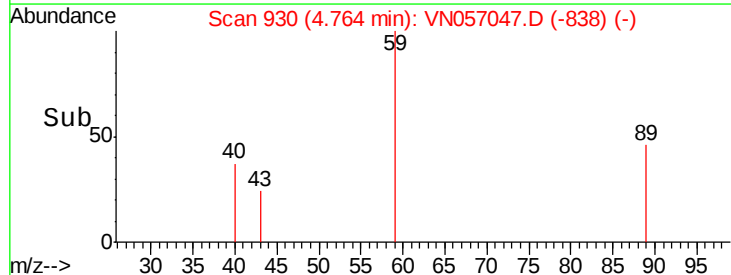
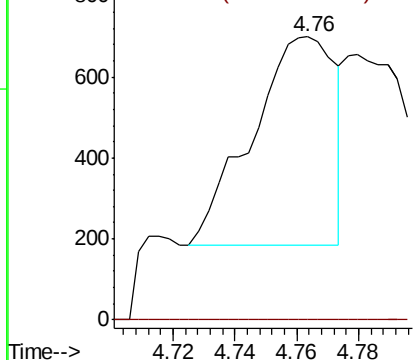


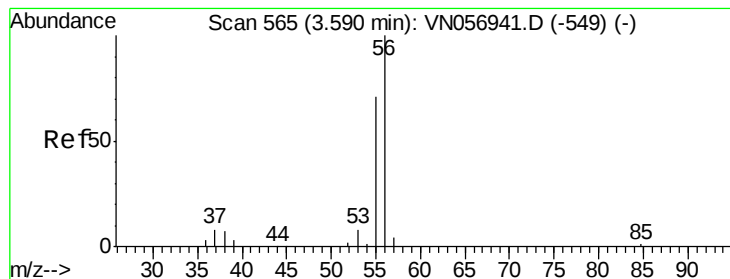
#11
Tert butyl alcohol
Concen: 1.200 ug/l
RT: 4.76 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

Tgt Ion: 59 Resp: 958
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): V
Ion 57.00 (56.70 to 57.70): V





#13

Acrolein

Concen: Below Cal

RT: 3.60 min Scan# 568

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

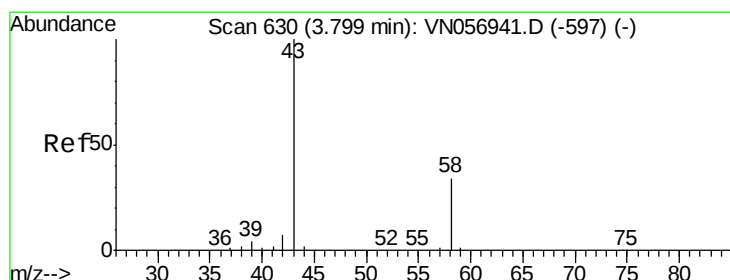
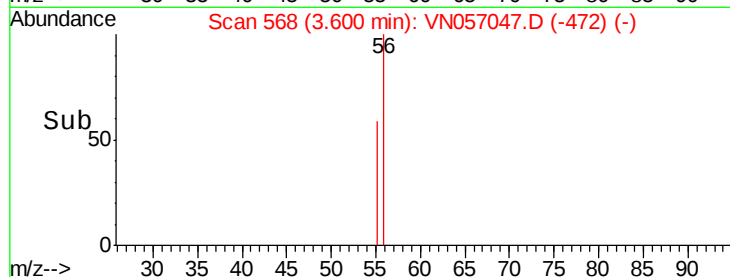
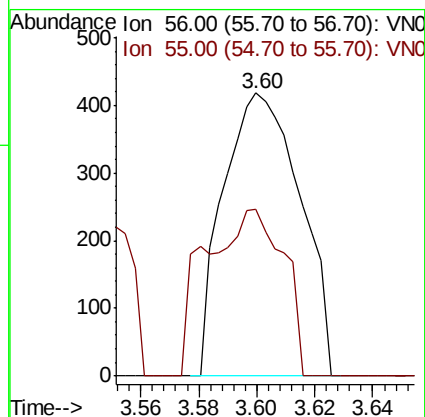
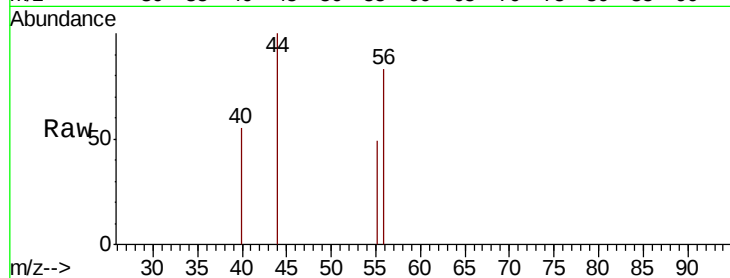
CS-TEST-PIT

Tot Ion: 56 Resp: 769

Ion Ratio Lower Upper

56 100

55 36.3 55.8 83.6#



#16

Acetone

Concen: 13.888 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN057047.D

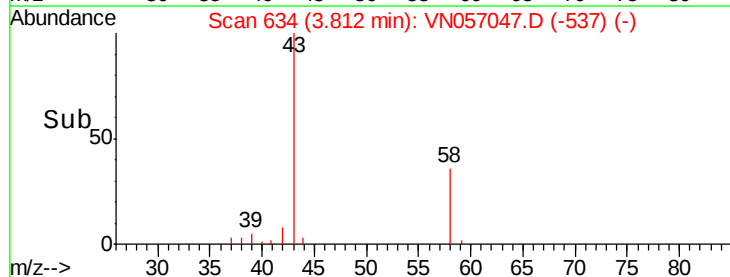
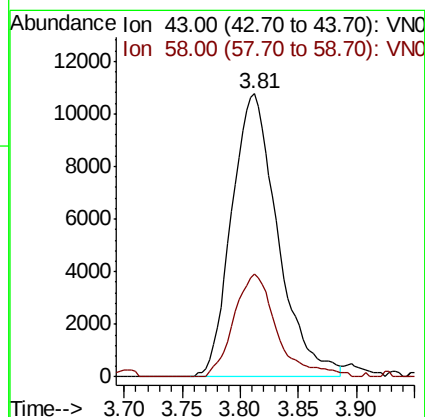
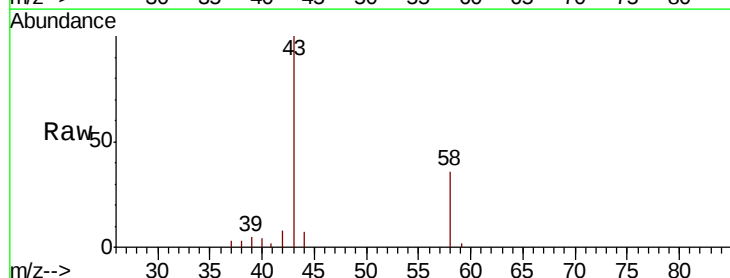
Acq: 1 Aug 2019 19:04

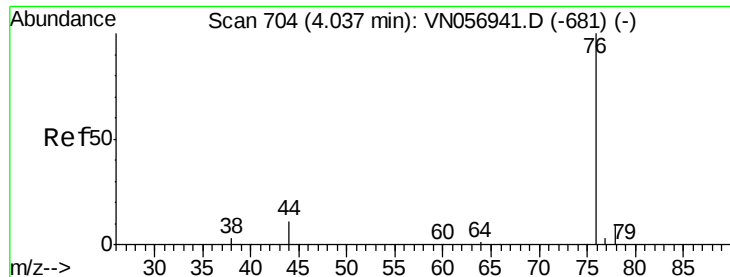
Tgt Ion: 43 Resp: 29708

Ion Ratio Lower Upper

43 100

58 36.3 27.2 40.8





#17

Carbon Disulfide

Concen: 0.582 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

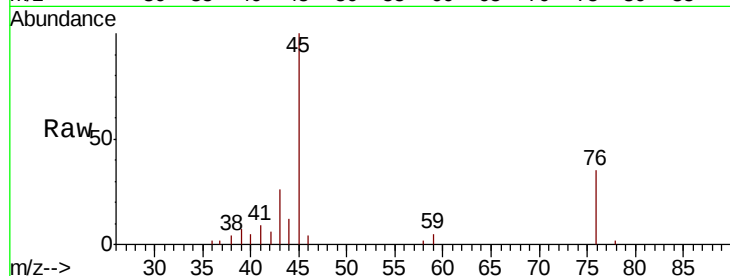
CS-TEST-PIT

Tot Ion: 76 Resp: 7845

Ion Ratio Lower Upper

76 100

78 6.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

3000

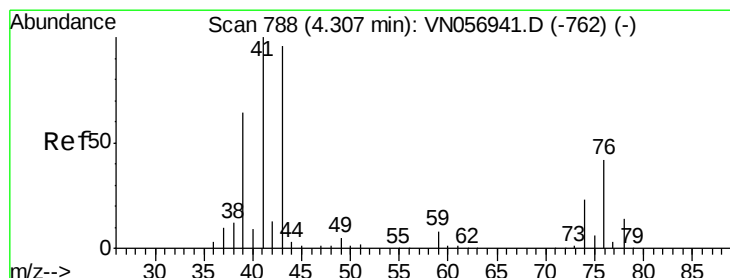
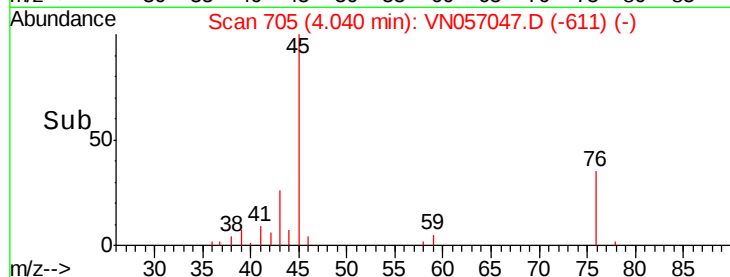
2000

1000

0

Time-->

3.95 4.00 4.05 4.10



#18

Methyl Acetate

Concen: 0.545 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.02 min

Lab File: VN057047.D

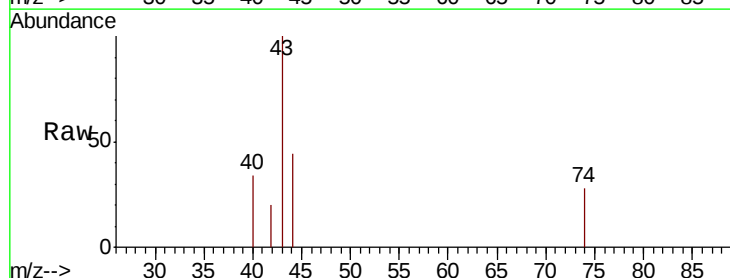
Acq: 1 Aug 2019 19:04

Tgt Ion: 43 Resp: 3717

Ion Ratio Lower Upper

43 100

74 14.2 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

1200

1000

800

600

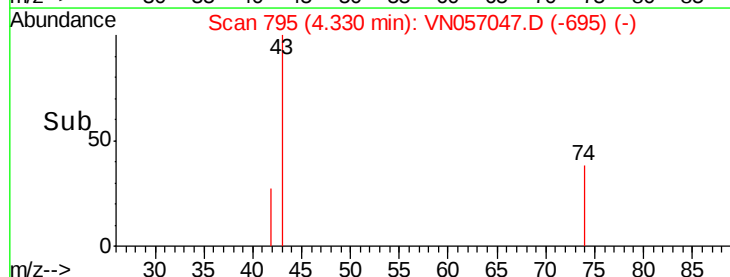
400

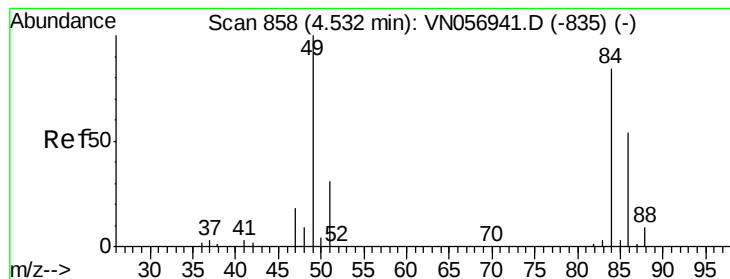
200

0

Time-->

4.25 4.30 4.35 4.40





#20

Methvlene Chloride

Concen: 0.304 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.02 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

CS-TEST-PIT

Tot Ion: 84 Resp: 1872

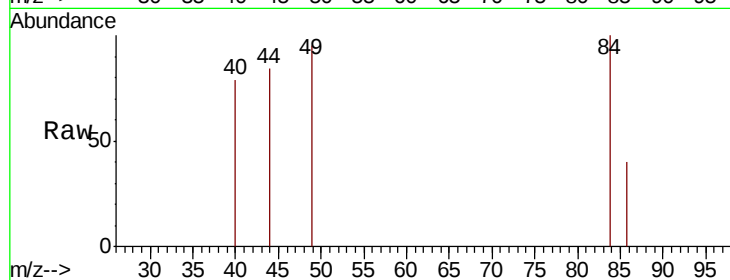
Ion Ratio Lower Upper

84 100

49 95.2 95.2 142.8#

51 0.0 29.7 44.5#

86 40.0 51.0 76.6#

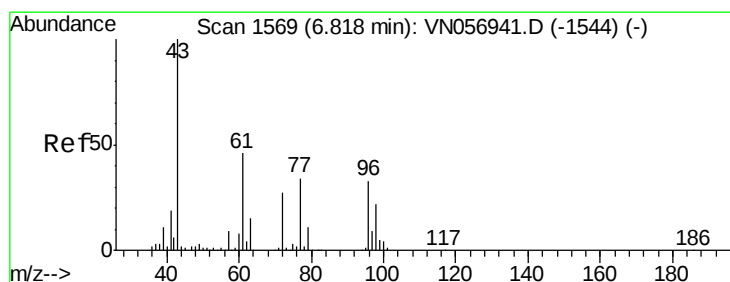
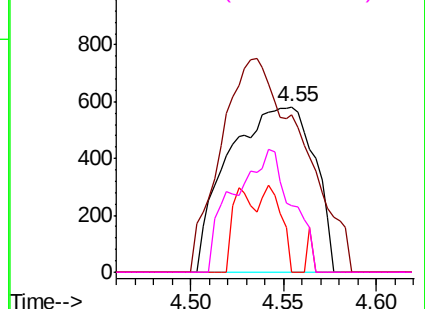
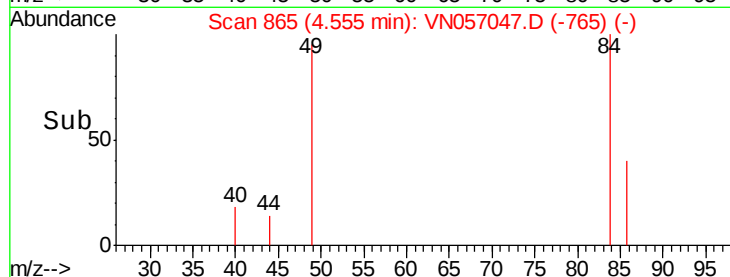


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 4.331 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.02 min

Lab File: VN057047.D

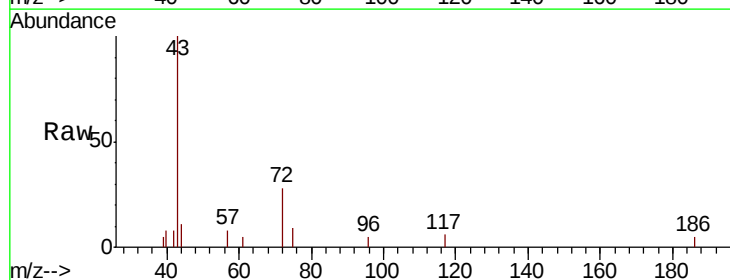
Acq: 1 Aug 2019 19:04

Tgt Ion: 43 Resp: 13137

Ion Ratio Lower Upper

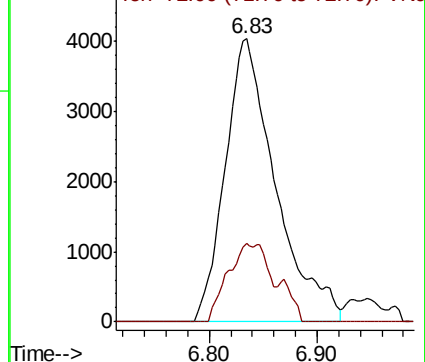
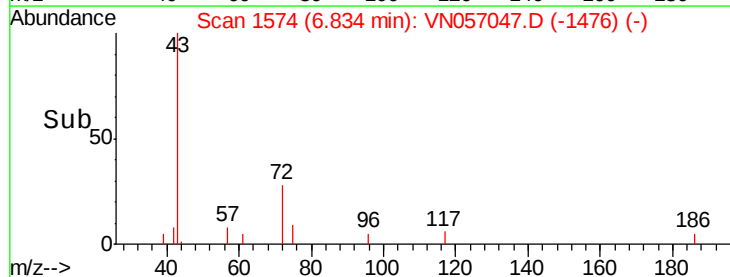
43 100

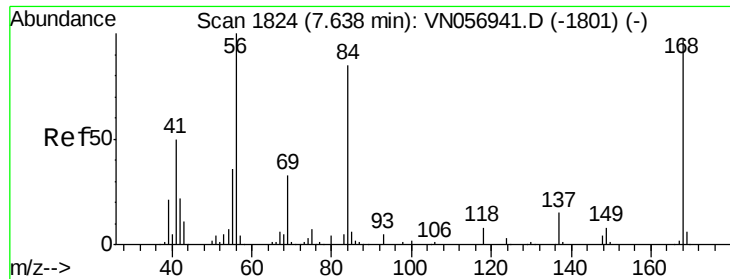
72 28.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

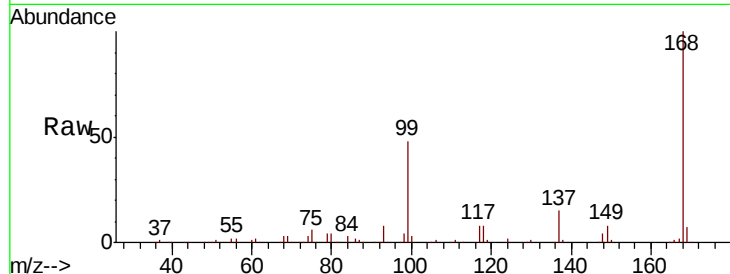




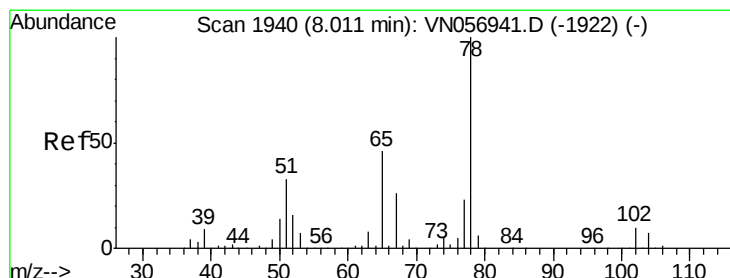
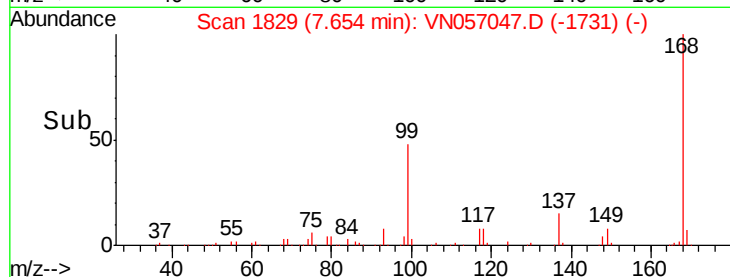
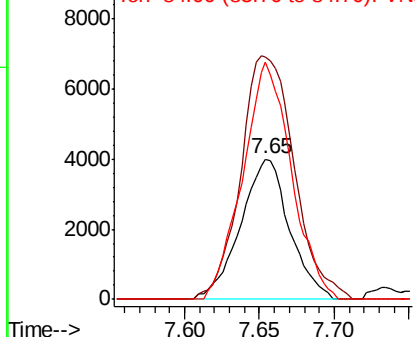
#31
Cyclohexane
Concen: 0.938 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

Instrument :
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ClientSampleId :
CS-TEST-PIT

Tot Ion: 56 Resp: 9103
Ion Ratio Lower Upper
56 100
69 173.1 26.2 39.2#
84 169.0 68.2 102.2#

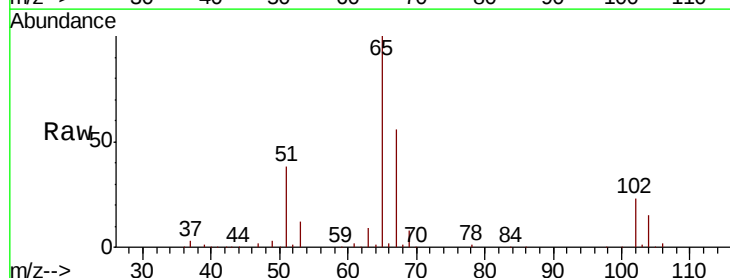


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

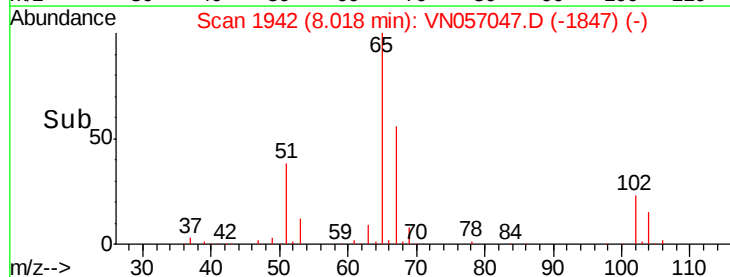
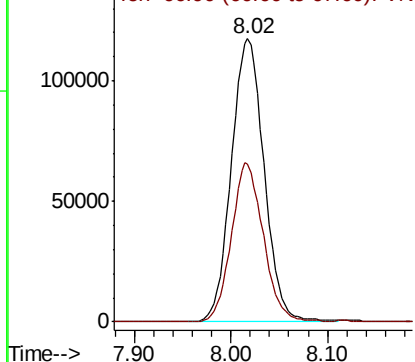


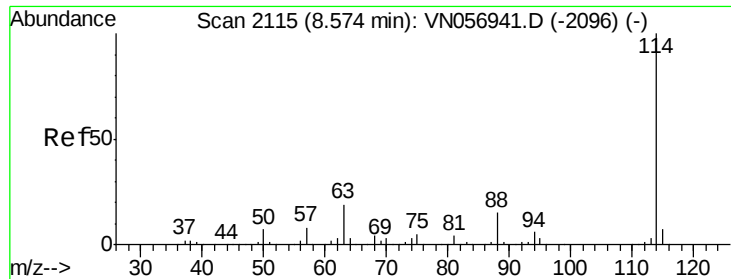
#33
1,2-Dichloroethane-d4
Concen: 46.856 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.01 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

Tgt Ion: 65 Resp: 276667
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

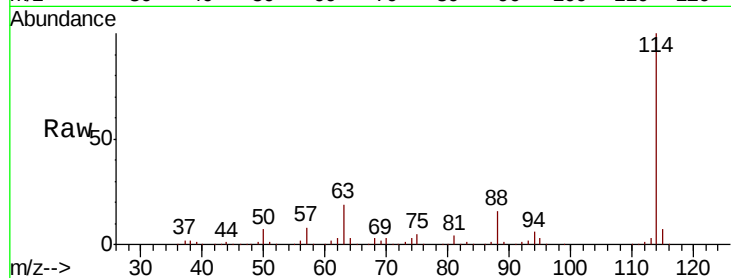




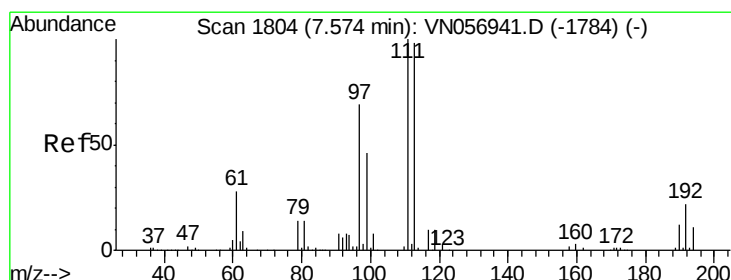
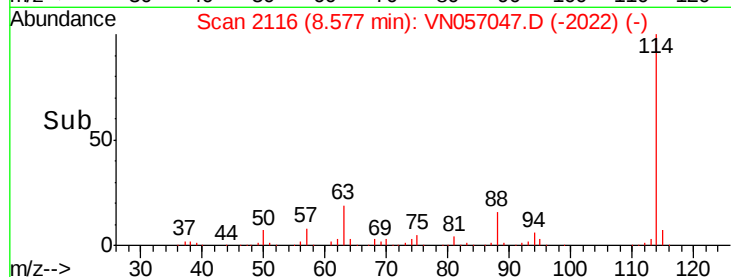
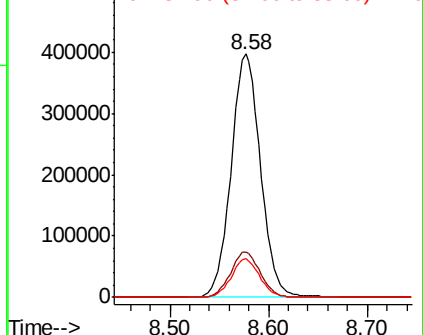
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057047.D
 Acq: 1 Aug 2019 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-TEST-PIT

Tot Ion:114 Resp: 823831
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.8 0.0 30.0

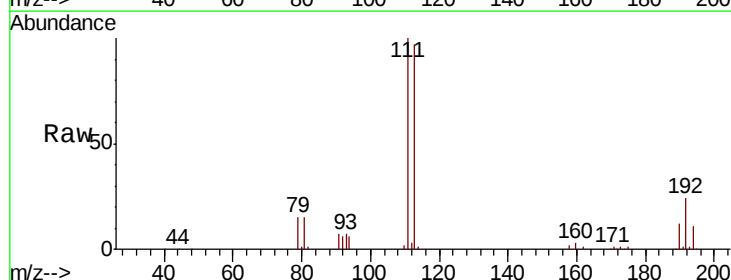


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

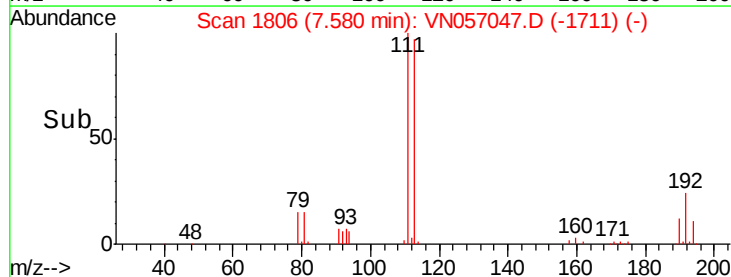
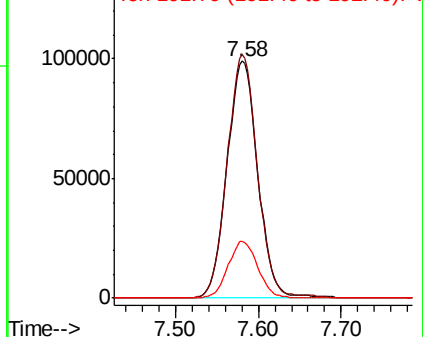


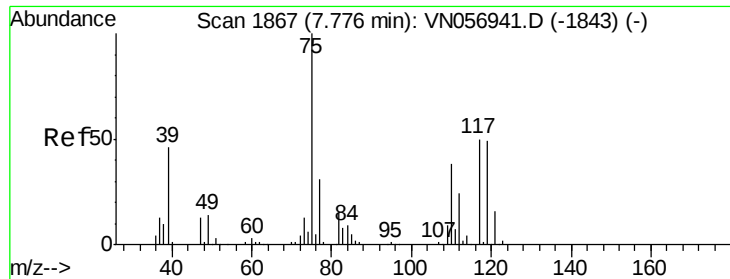
#35
 Dibromofluoromethane
 Concen: 48.438 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057047.D
 Acq: 1 Aug 2019 19:04

Tgt Ion:113 Resp: 255455
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 23.2 18.4 27.6



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

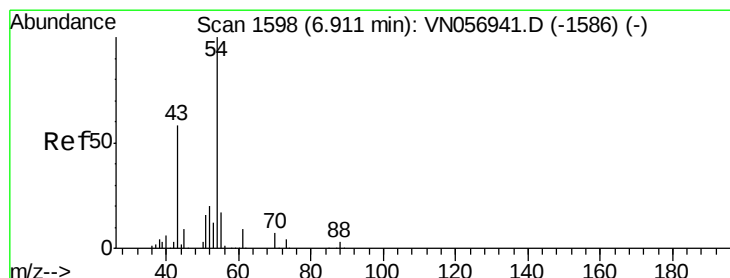
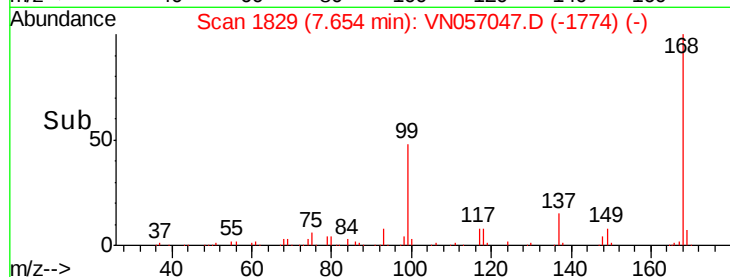
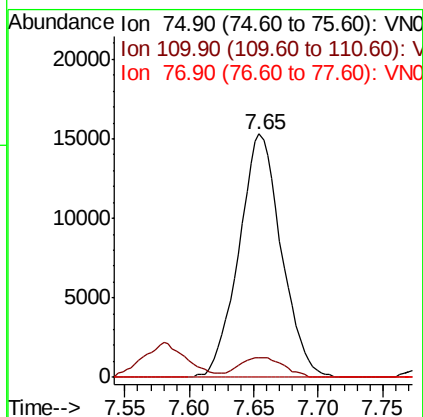
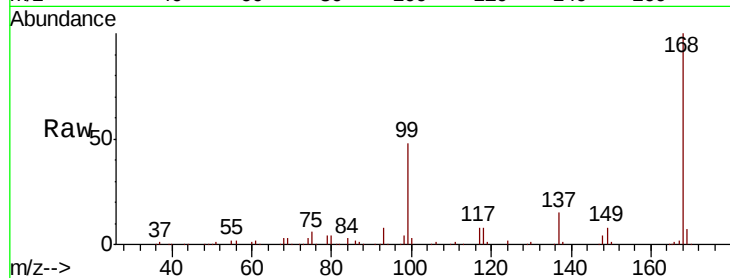




#36
 1,1-Dichloropropene
 Concen: 4.842 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.12 min
 Lab File: VN057047.D
 Acq: 1 Aug 2019 19:04

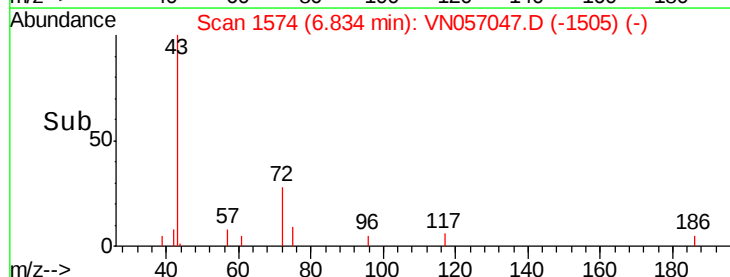
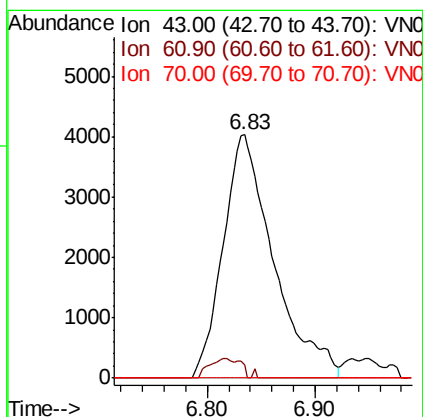
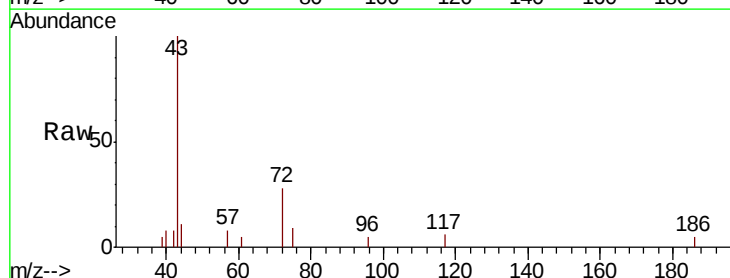
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-TEST-PIT

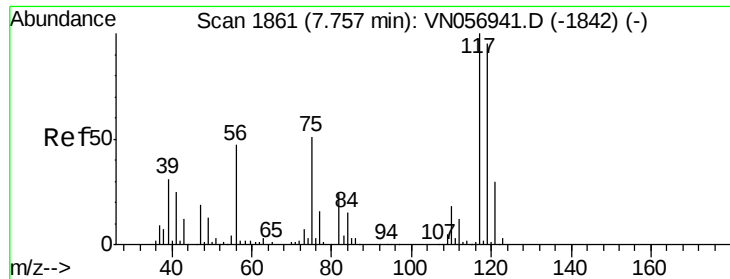
Tot Ion: 75 Resp: 35098
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.6 55.8#
 77 0.0 25.2 37.8#



#37
 Ethyl Acetate
 Concen: 2.263 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.08 min
 Lab File: VN057047.D
 Acq: 1 Aug 2019 19:04

Tgt Ion: 43 Resp: 13137
 Ion Ratio Lower Upper
 43 100
 61 0.2 11.8 17.6#
 70 0.0 8.5 12.7#





#38

Carbon Tetrachloride

Concen: 6.906 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

CS-TEST-PIT

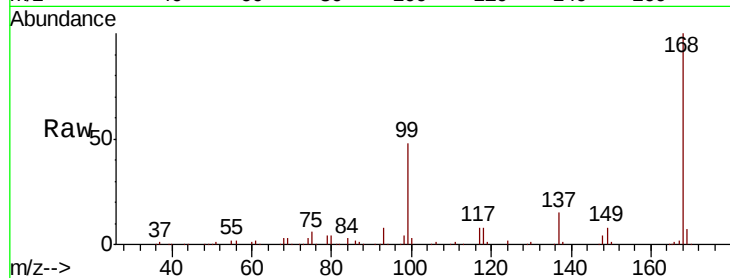
Tot Ion:117 Resp: 47356

Ion Ratio Lower Upper

117 100

119 6.5 75.3 112.9#

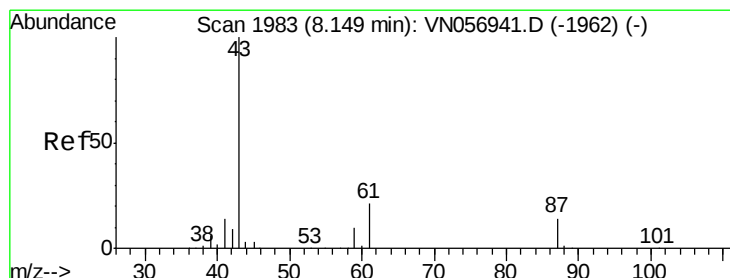
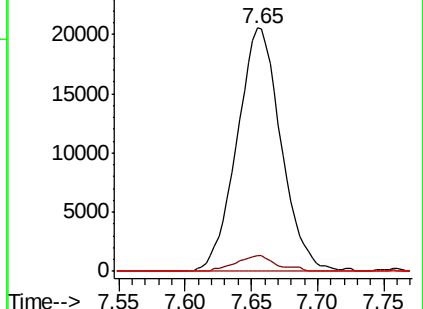
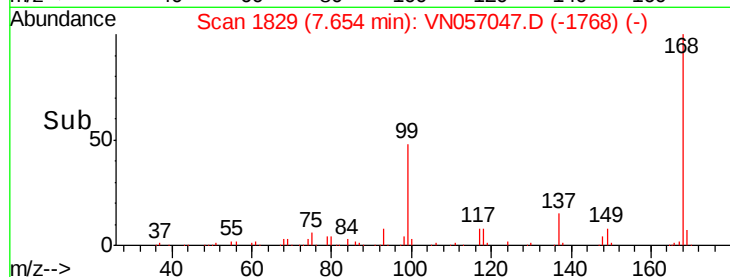
121 0.0 24.2 36.4#



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: 0.401 ug/l

RT: 8.23 min Scan# 2007

Delta R.T. 0.08 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

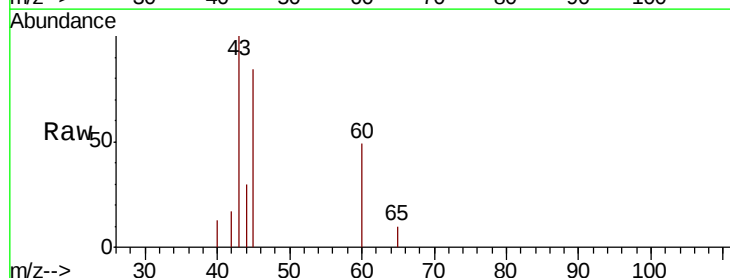
Tgt Ion: 43 Resp: 3845

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.6#

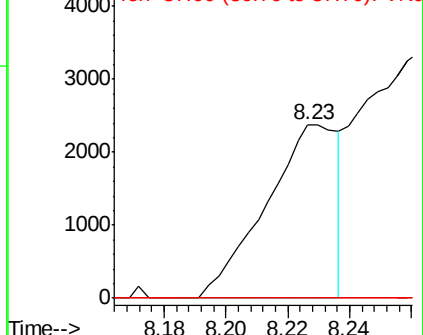
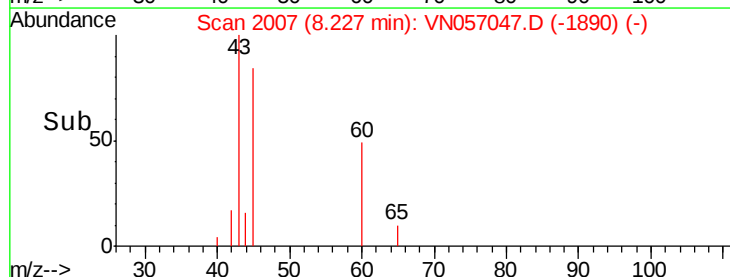
87 0.0 11.7 17.5#

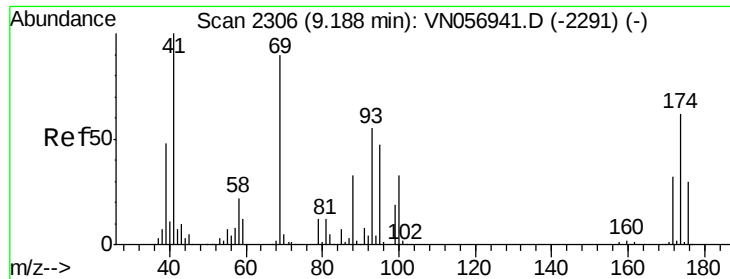


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

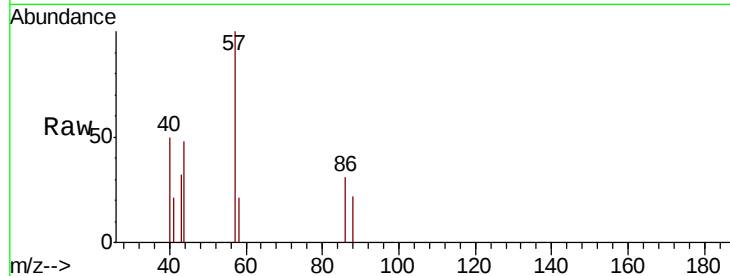




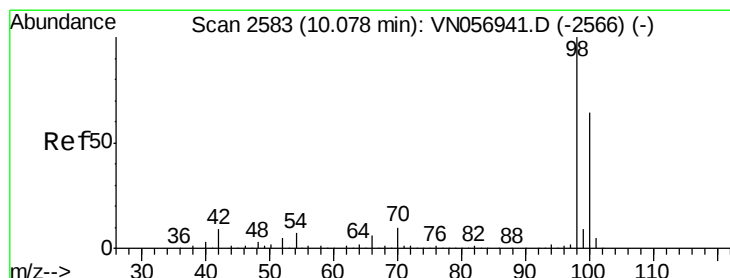
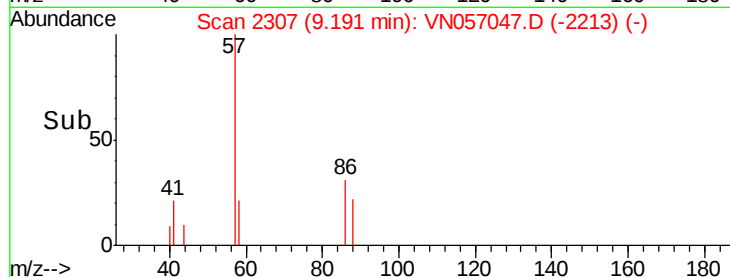
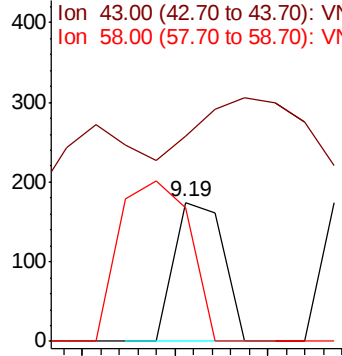
#49
1,4-Dioxane
Concen: 0.681 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :
CS-TEST-PIT

Tot Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 876.9 22.2 33.2#
58 163.1 54.1 81.1#

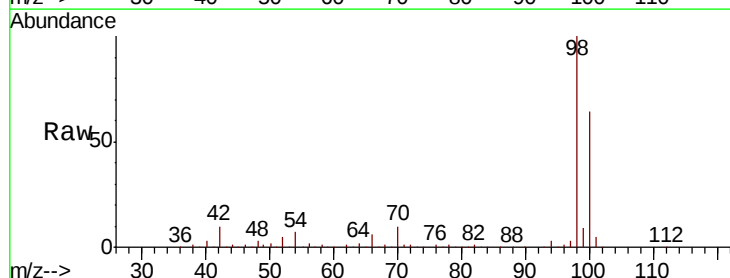


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

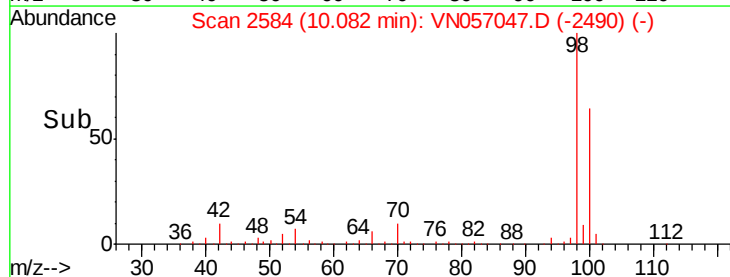
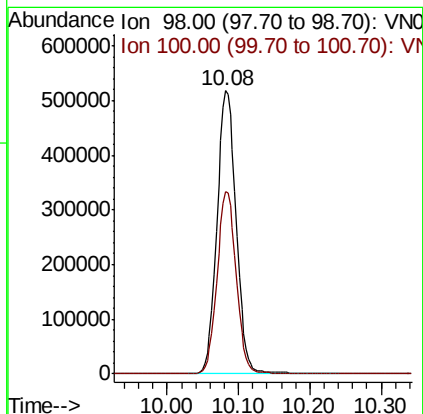


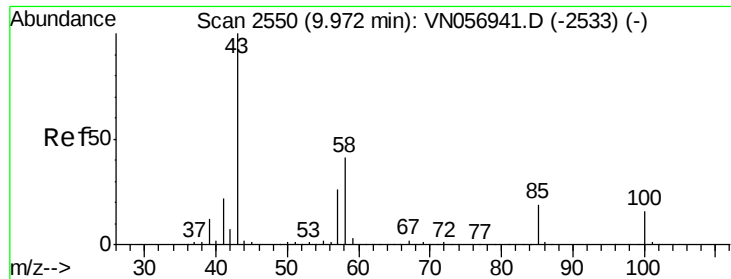
#50
Toluene-d8
Concen: 48.053 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

Tgt Ion: 98 Resp: 966435
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.385 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

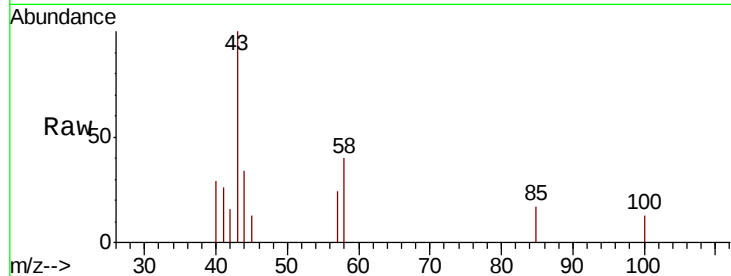
CS-TEST-PIT

Tot Ion: 43 Resp: 2195

Ion Ratio Lower Upper

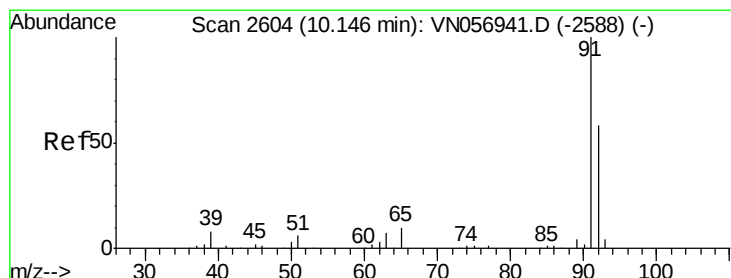
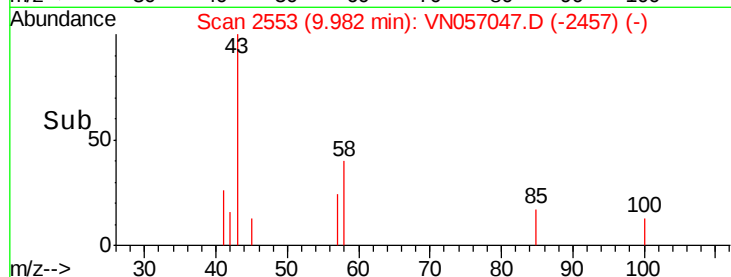
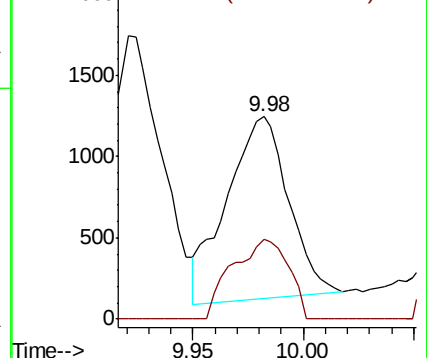
43 100

58 39.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VN056941.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN056941.D (-2533) (-)



#52

Toluene

Concen: 66.169 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057047.D

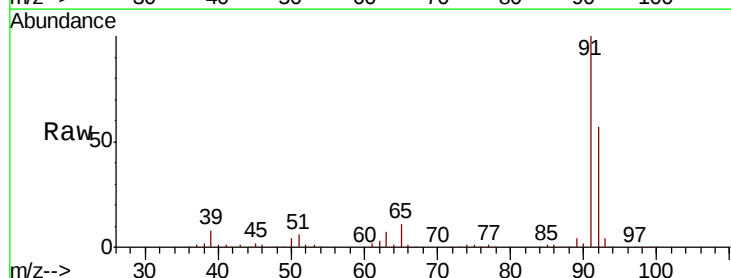
Acq: 1 Aug 2019 19:04

Tgt Ion: 92 Resp: 887637

Ion Ratio Lower Upper

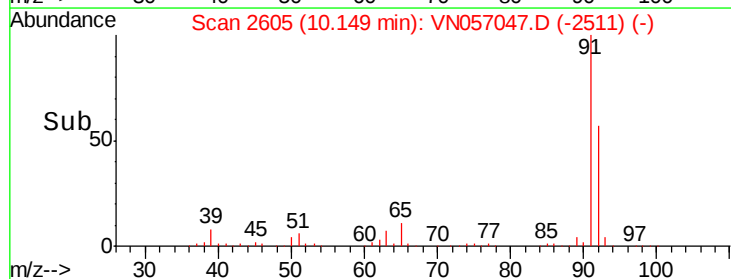
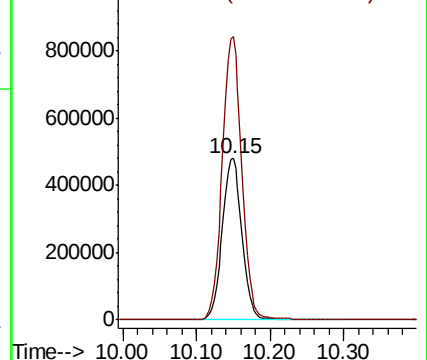
92 100

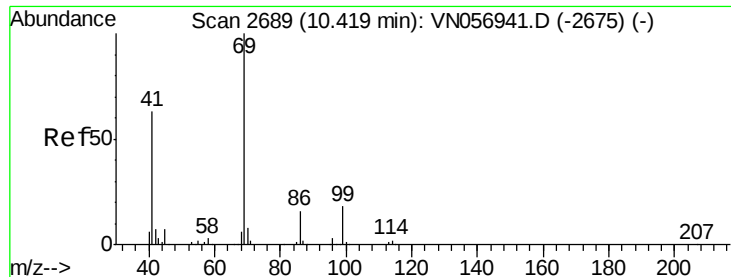
91 175.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN056941.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN056941.D (-2588) (-)





#56

Ethyl methacrylate

Concen: 1.797 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

CS-TEST-PIT

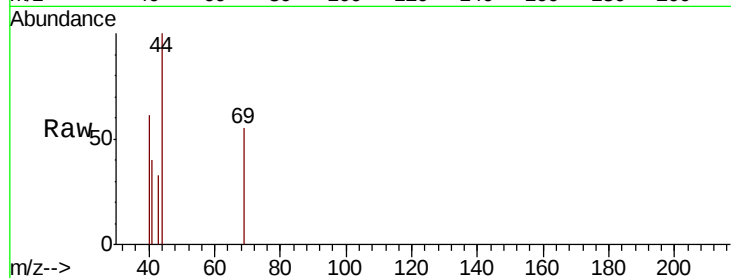
Tot Ion: 69 Resp: 306

Ion Ratio Lower Upper

69 100

41 0.0 49.2 73.8#

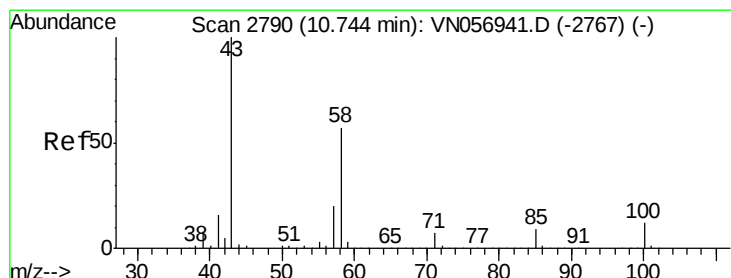
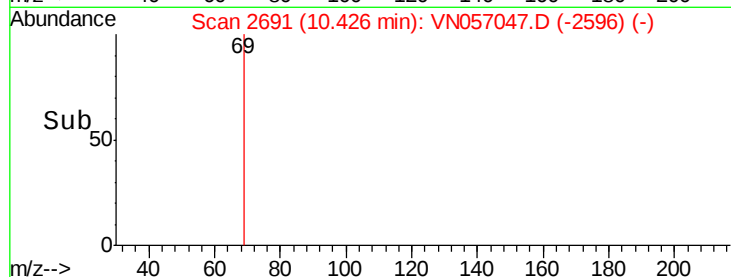
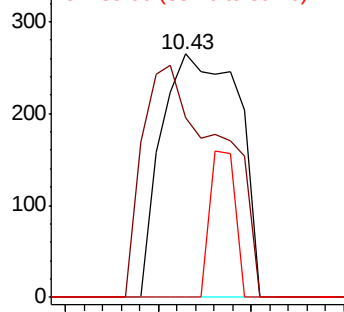
39 0.0 23.1 34.7#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 3.428 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.01 min

Lab File: VN057047.D

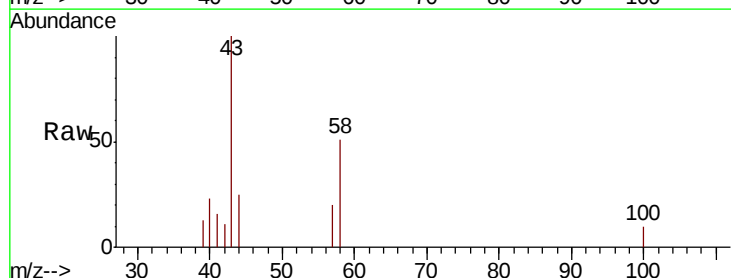
Acq: 1 Aug 2019 19:04

Tgt Ion: 43 Resp: 4117

Ion Ratio Lower Upper

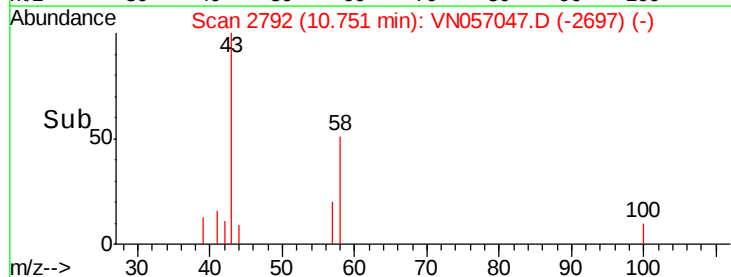
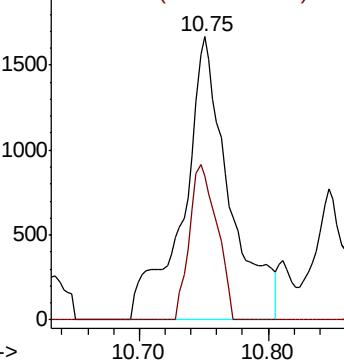
43 100

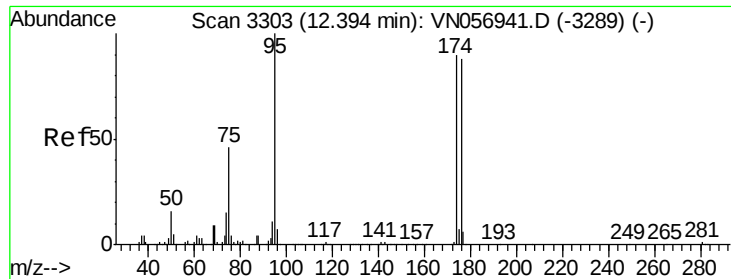
58 33.0 28.5 85.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

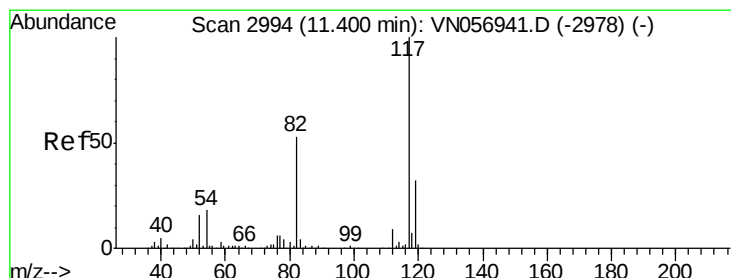
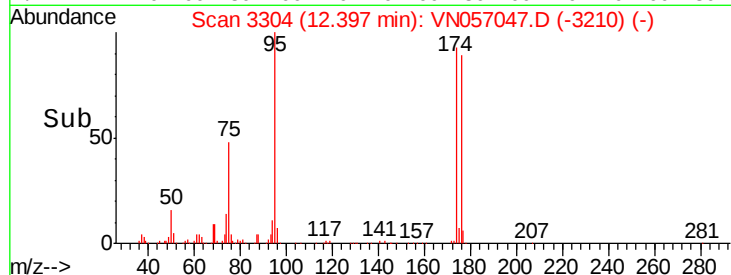
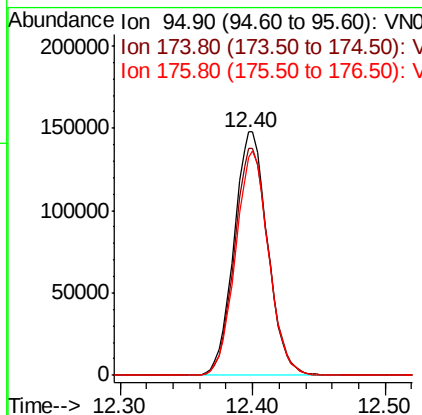
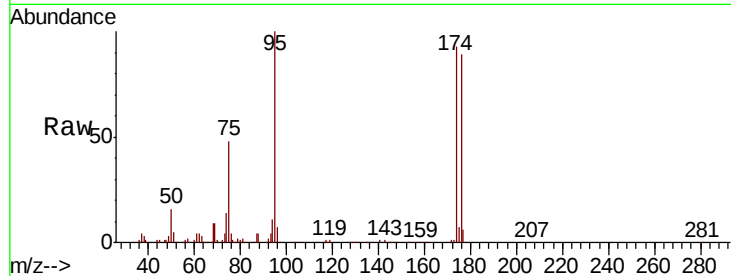




#62
4-Bromofluorobenzene
Concen: 39.748 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

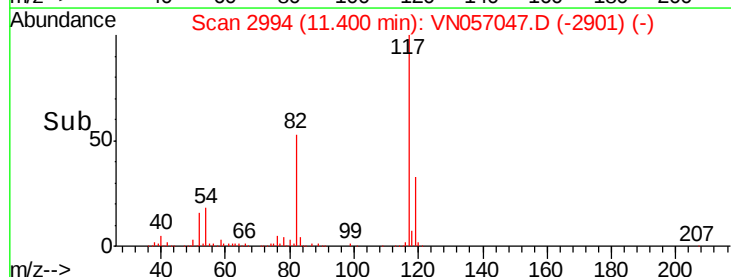
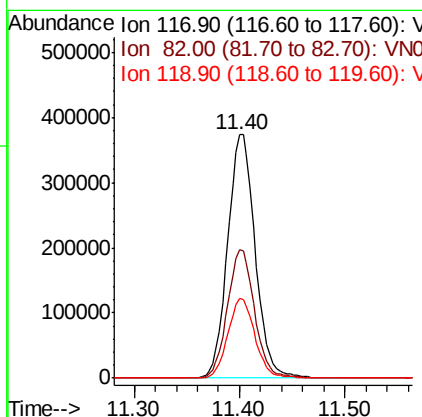
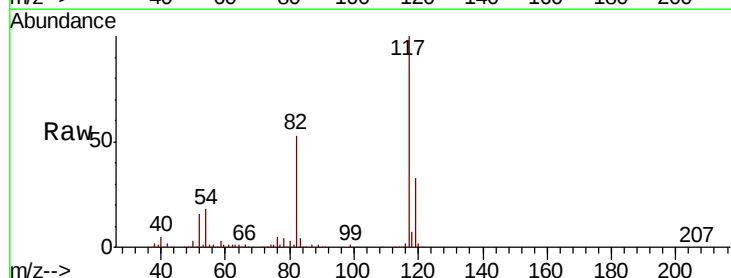
Instrument :
MSVOA_N
ClientSampleId :
CS-TEST-PIT

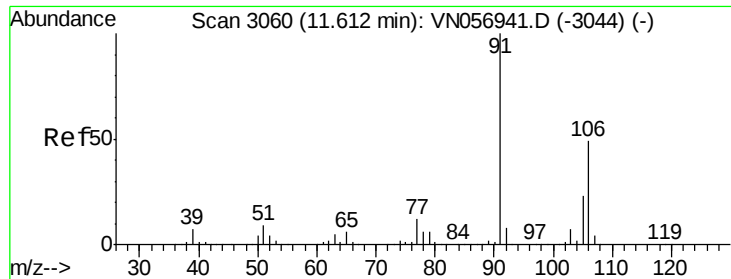
Tot Ion: 95 Resp: 260242
Ion Ratio Lower Upper
95 100
174 94.3 0.0 182.2
176 90.3 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057047.D
Acq: 1 Aug 2019 19:04

Tgt Ion: 117 Resp: 673572
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.6 25.8 38.6





#68

m/p-Xvlenes

Concen: 0.291 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

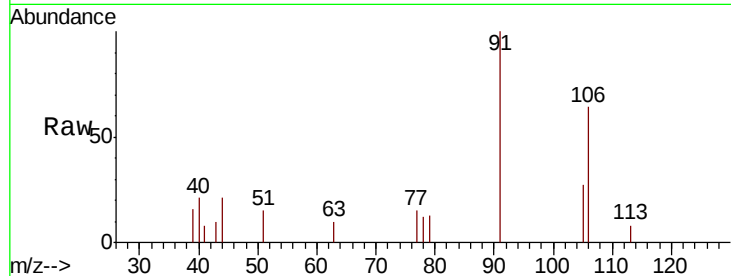
CS-TEST-PIT

Tot Ion:106 Resp: 2547

Ion Ratio Lower Upper

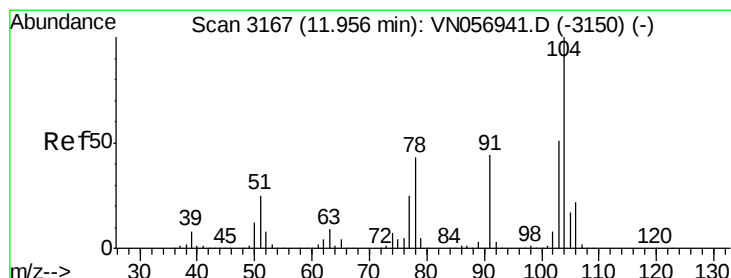
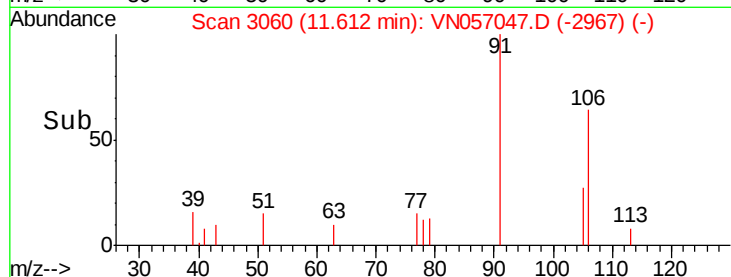
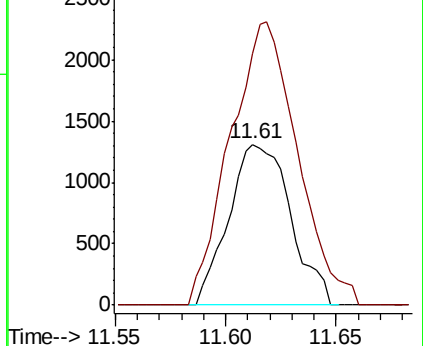
106 100

91 191.6 160.0 240.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 1.988 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

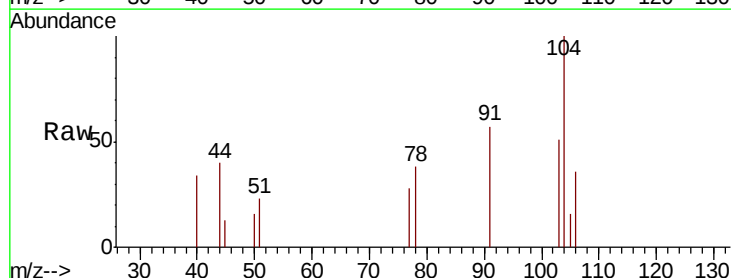
Tgt Ion:104 Resp: 1912

Ion Ratio Lower Upper

104 100

78 34.8 38.1 57.1#

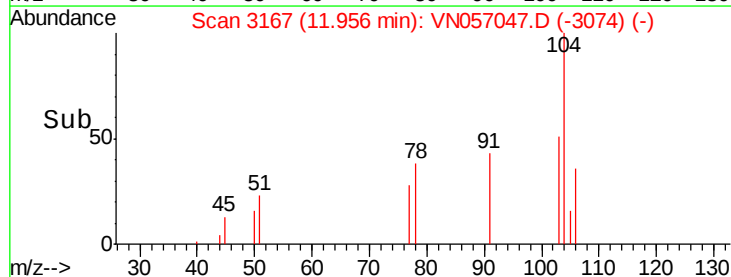
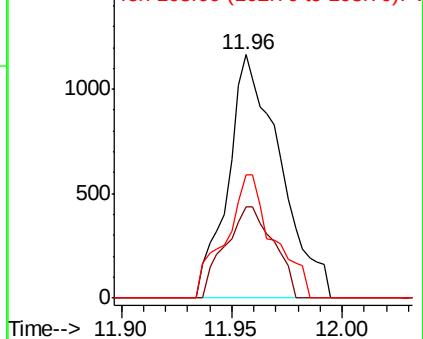
103 46.5 44.3 66.5

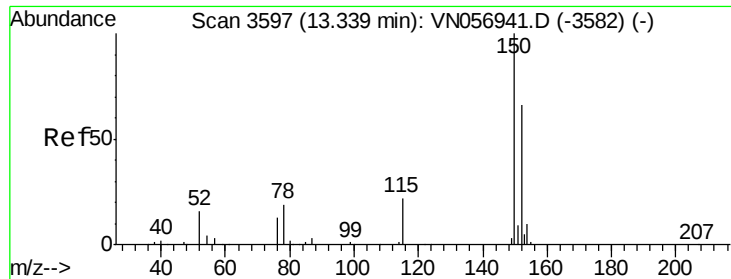


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

CS-TEST-PIT

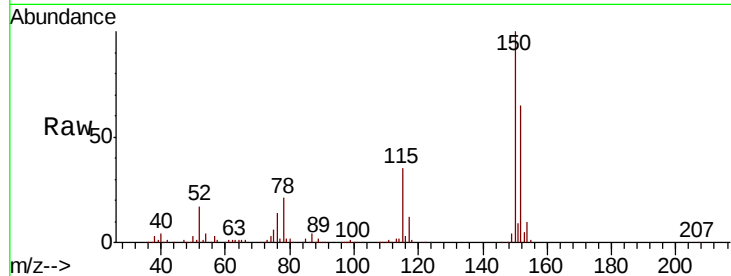
Tot Ion:152 Resp: 198948

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.6

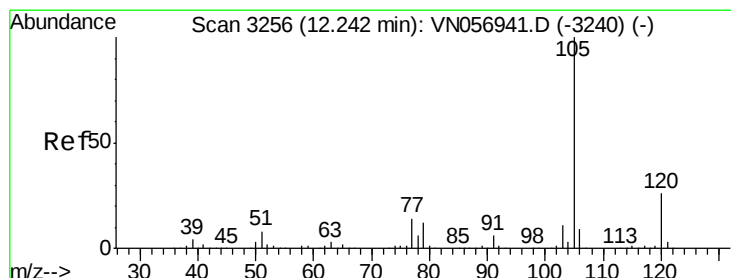
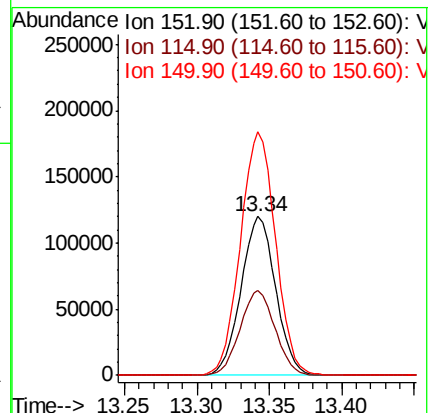
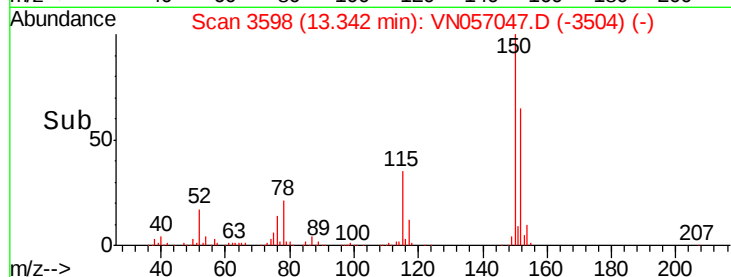
150 155.6 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.286 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057047.D

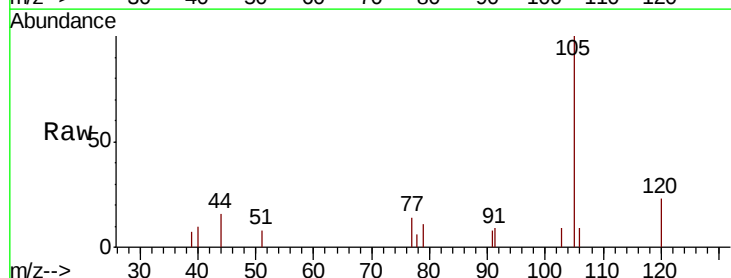
Acq: 1 Aug 2019 19:04

Tgt Ion:105 Resp: 4912

Ion Ratio Lower Upper

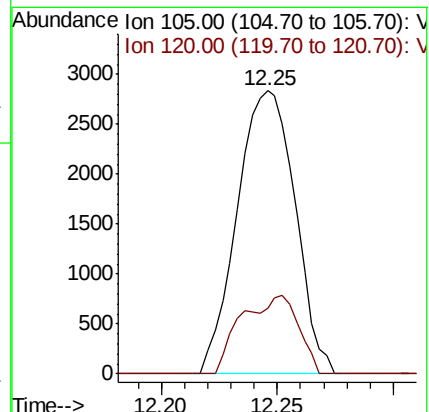
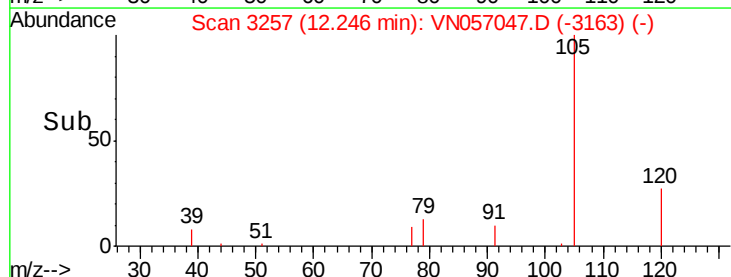
105 100

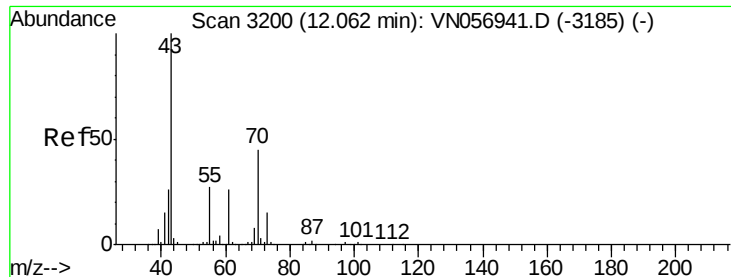
120 27.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.528 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

CS-TEST-PIT

Tot Ion: 43 Resp: 2637

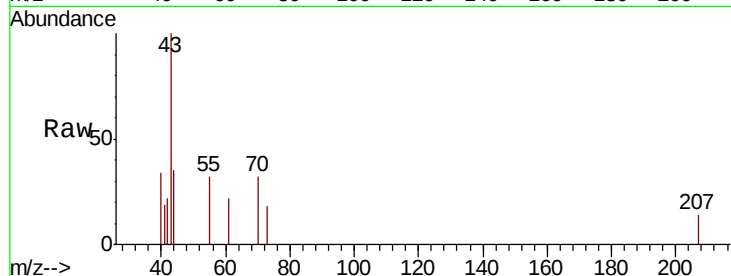
Ion Ratio Lower Upper

43 100

70 28.3 36.5 54.7#

55 17.6 21.4 32.0#

61 8.0 20.5 30.7#

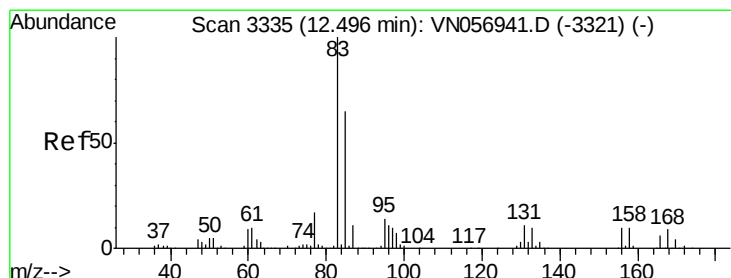
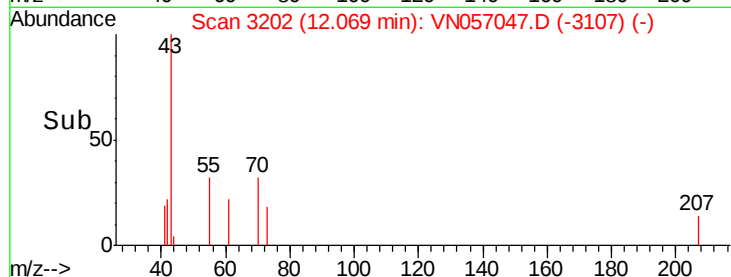
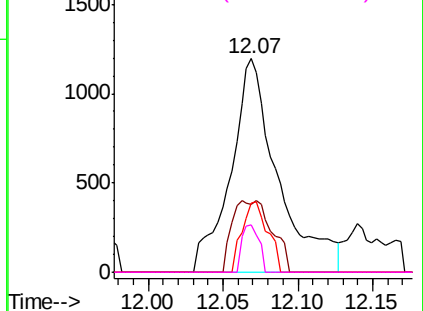


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.50 min Scan# 3337

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

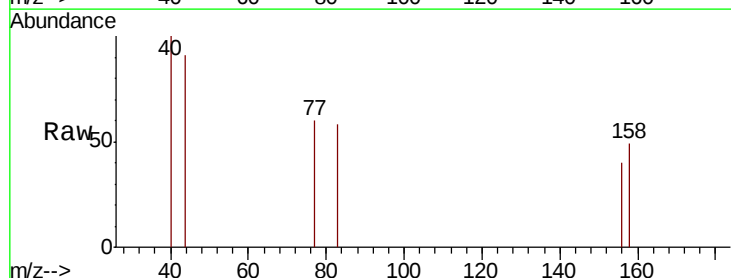
Tgt Ion: 83 Resp: 249

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

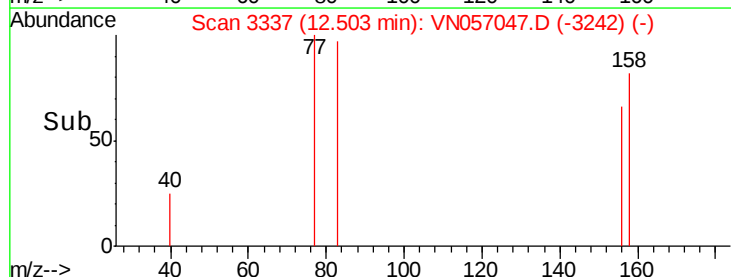
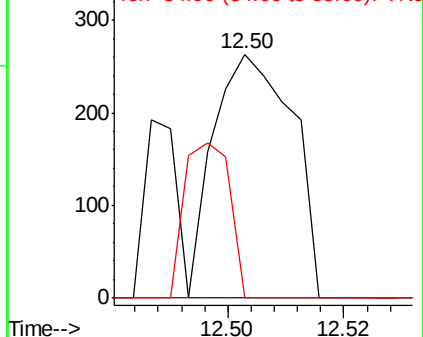
85 36.9 32.5 97.4

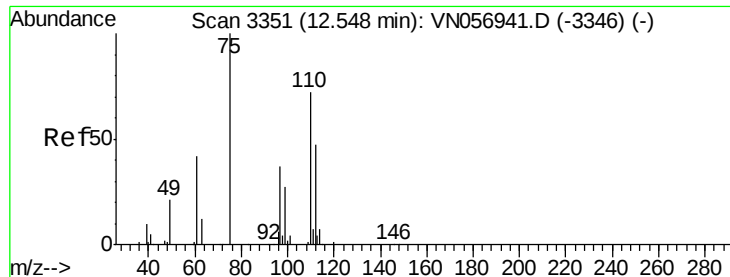


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 30.112 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

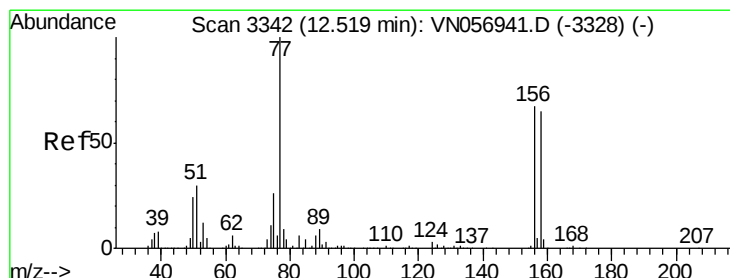
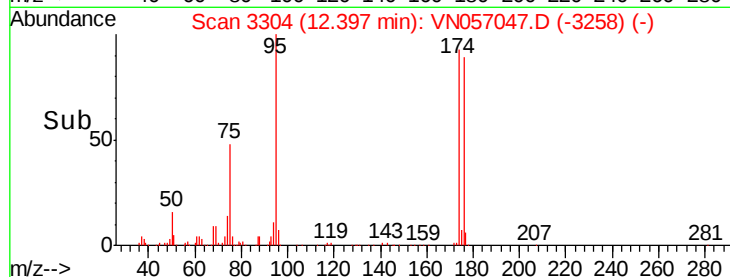
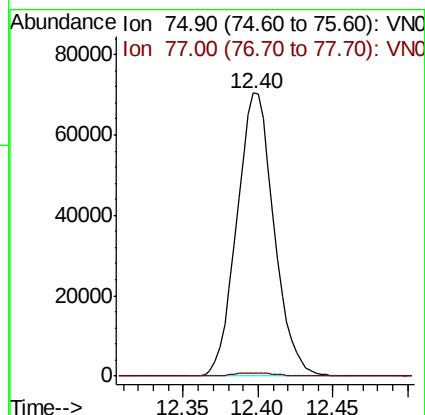
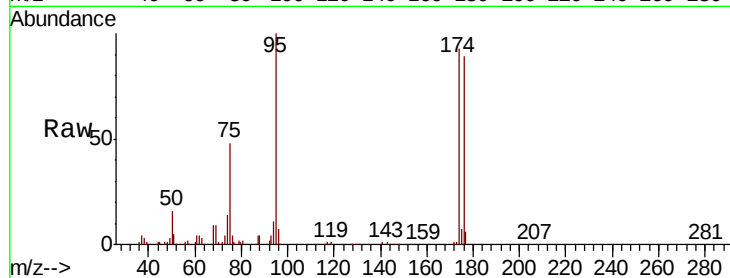
CS-TEST-PIT

Tot Ion: 75 Resp: 121660

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#77

Bromobenzene

Concen: 0.252 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

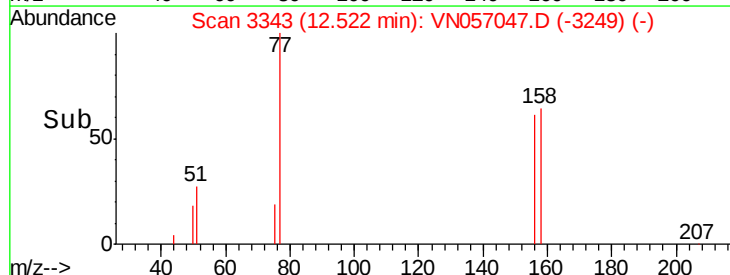
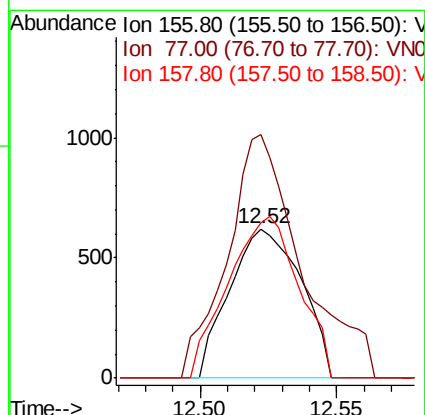
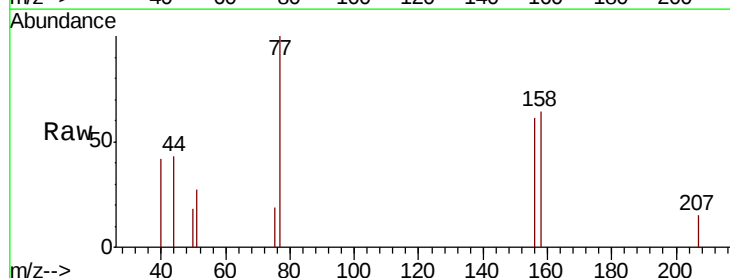
Tgt Ion: 156 Resp: 1131

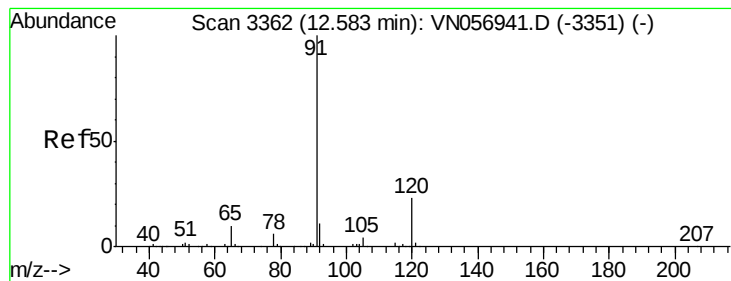
Ion Ratio Lower Upper

156 100

77 169.4 89.5 268.5

158 107.1 48.4 145.3





#78

n-propylbenzene

Concen: 0.240 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

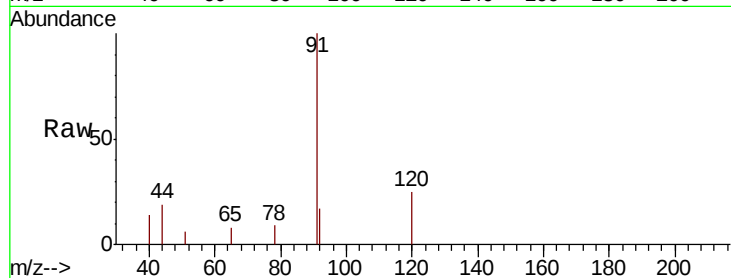
CS-TEST-PIT

Tot Ion: 91 Resp: 4415

Ion Ratio Lower Upper

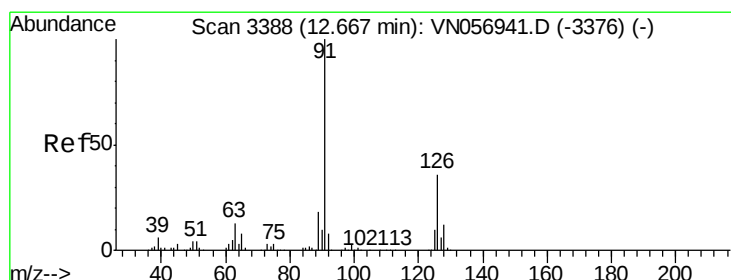
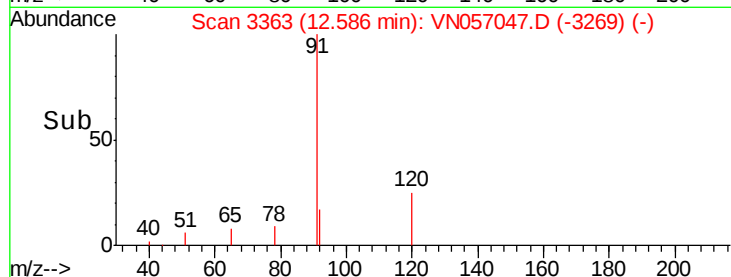
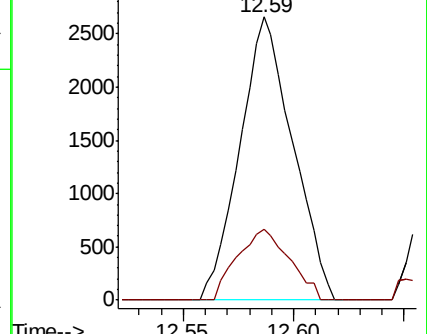
91 100

120 24.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.292 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.01 min

Lab File: VN057047.D

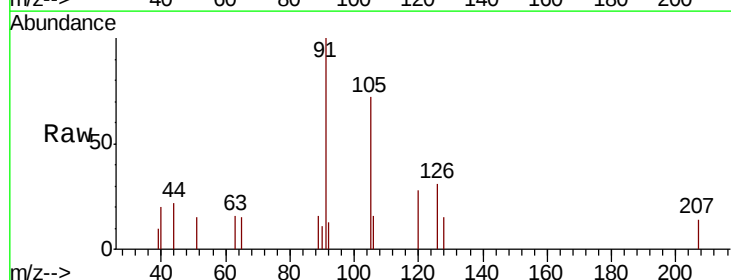
Acq: 1 Aug 2019 19:04

Tgt Ion: 91 Resp: 3305

Ion Ratio Lower Upper

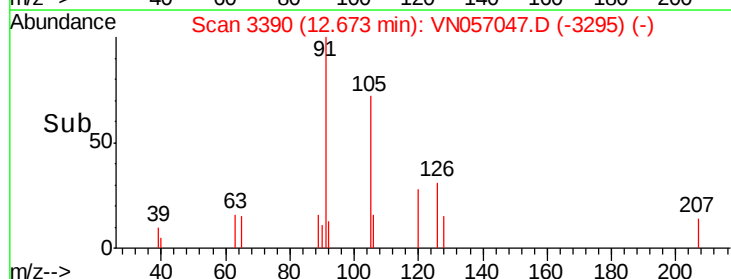
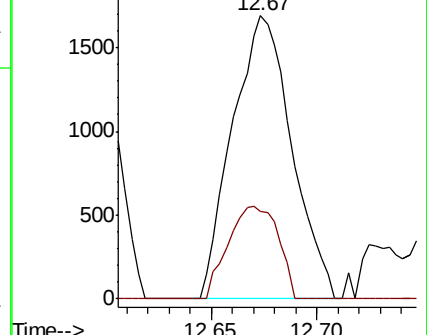
91 100

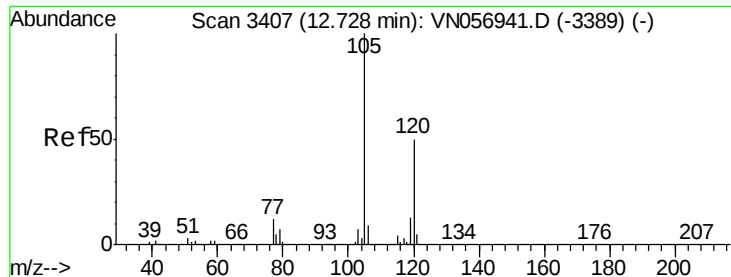
126 27.5 17.9 53.7



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: 0.224 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

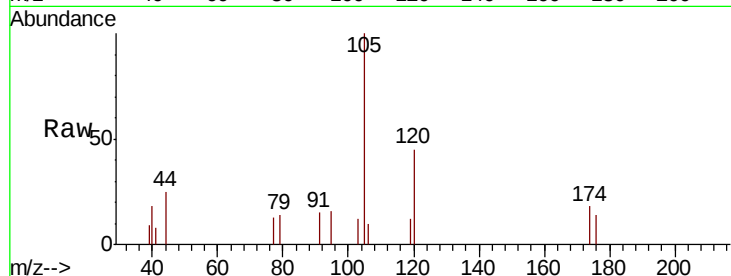
CS-TEST-PIT

Tot Ion:105 Resp: 3164

Ion Ratio Lower Upper

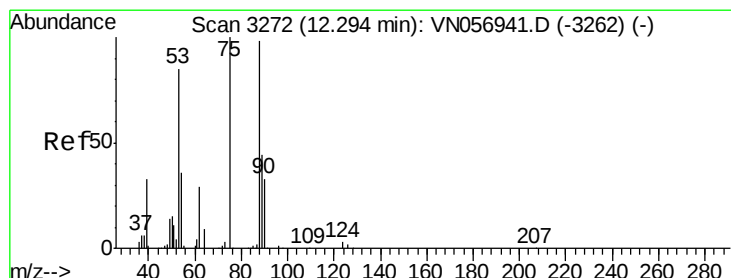
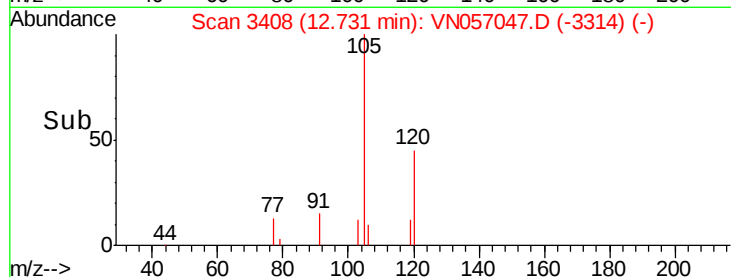
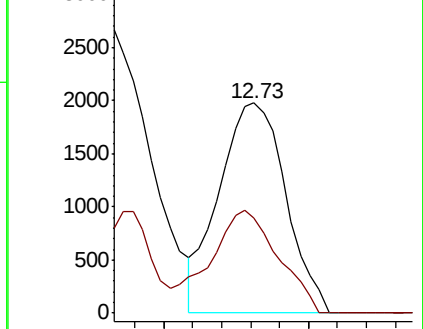
105 100

120 50.0 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 96.748 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

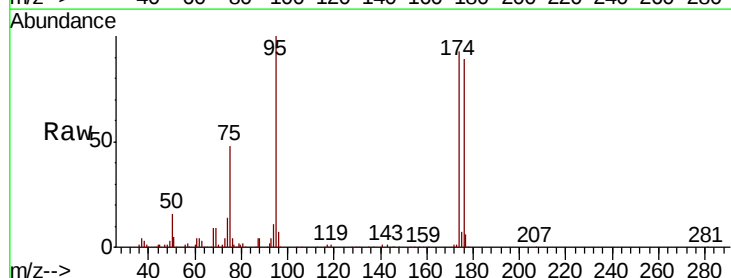
Tgt Ion: 75 Resp: 121660

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

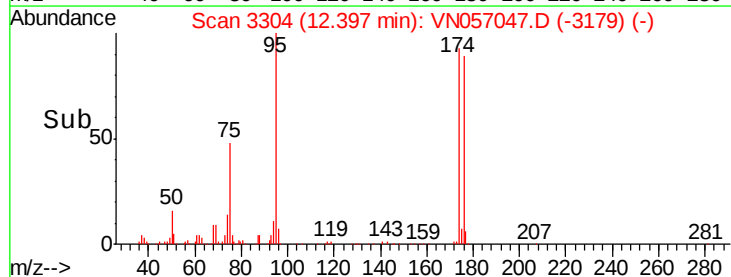
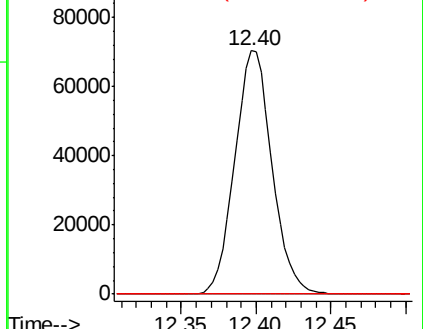
89 0.0 35.8 53.6#

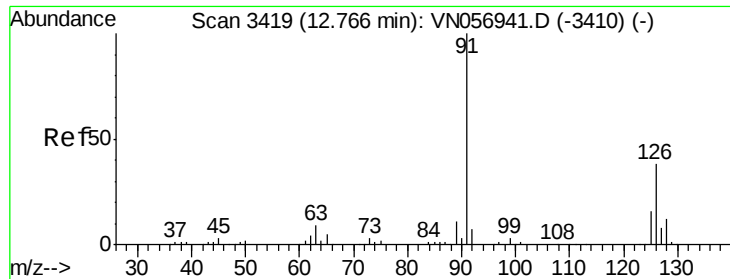


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.373 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

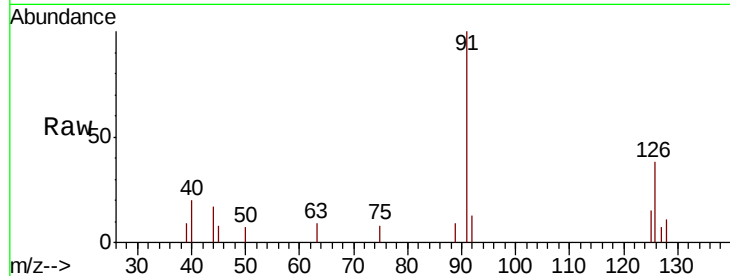
CS-TEST-PIT

Tot Ion: 91 Resp: 3950

Ion Ratio Lower Upper

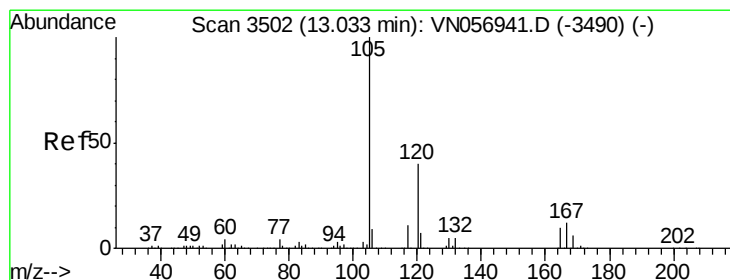
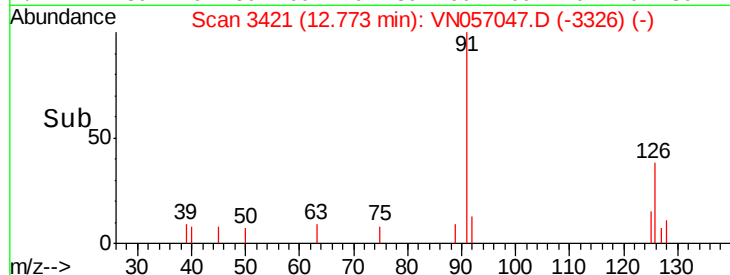
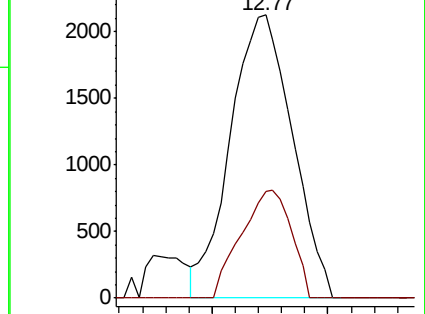
91 100

126 30.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3410) (-)

Ion 125.90 (125.60 to 126.60): VN056941.D (-3410) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.271 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN057047.D

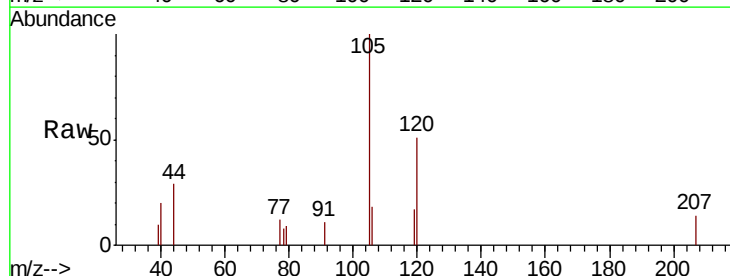
Acq: 1 Aug 2019 19:04

Tgt Ion: 105 Resp: 3682

Ion Ratio Lower Upper

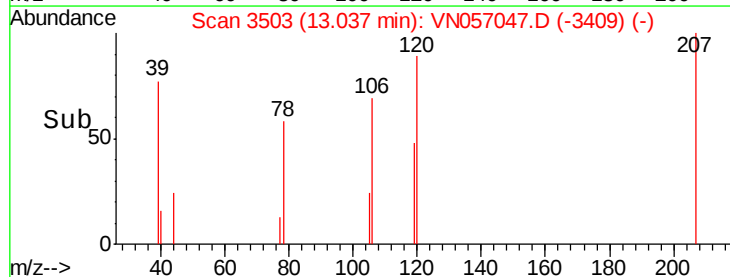
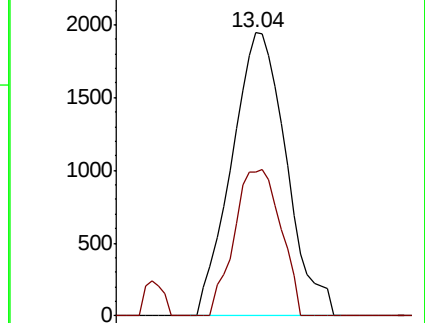
105 100

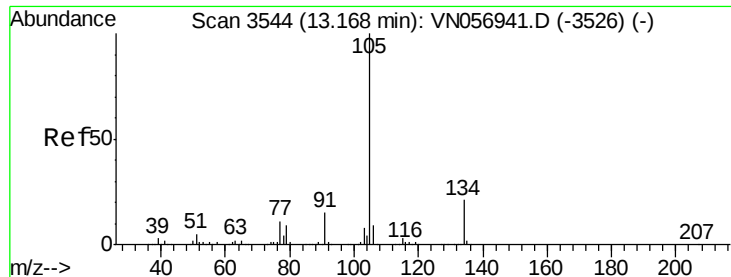
120 44.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN056941.D (-3490) (-)

Ion 120.00 (119.70 to 120.70): VN056941.D (-3490) (-)





#85

sec-Butylbenzene

Concen: 0.254 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

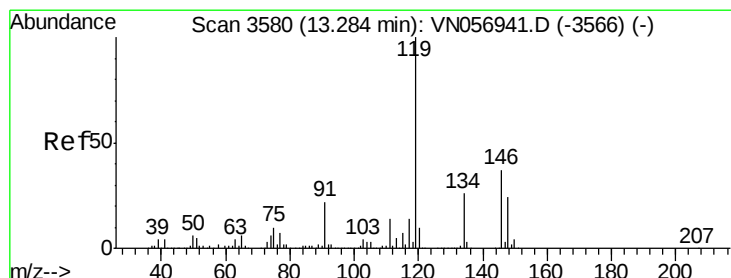
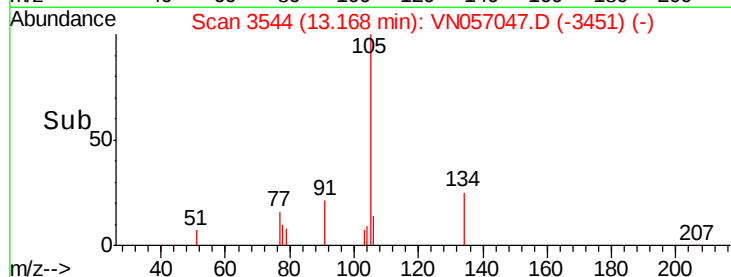
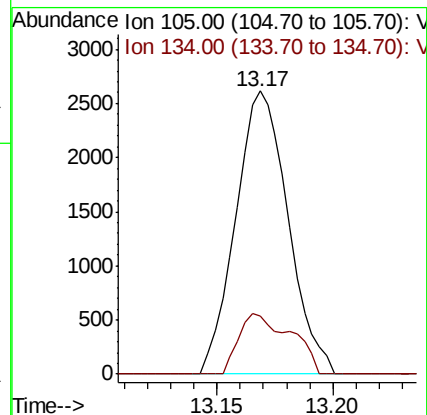
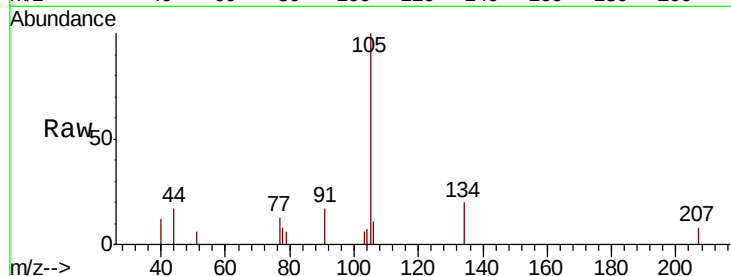
CS-TEST-PIT

Tot Ion:105 Resp: 4099

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 0.329 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

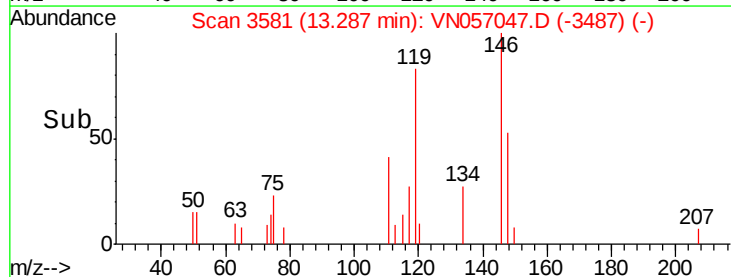
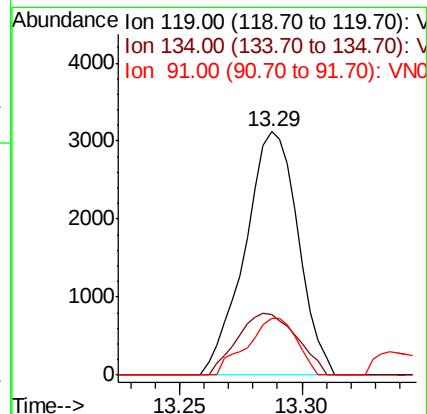
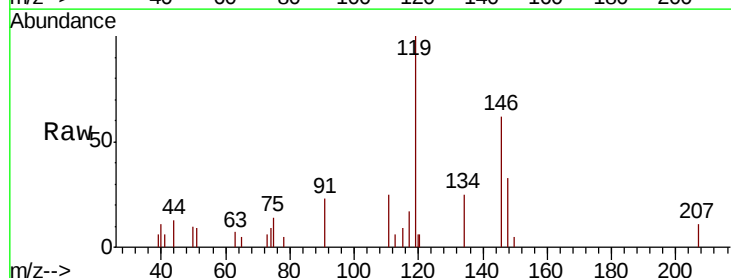
Tgt Ion:119 Resp: 4709

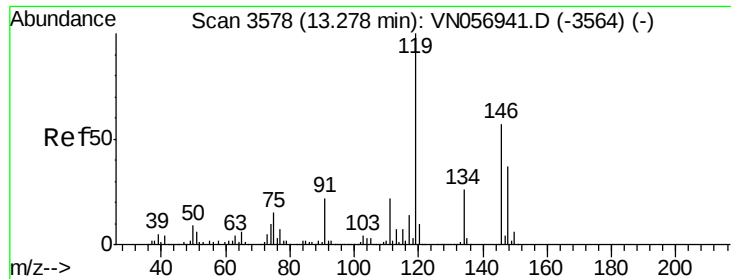
Ion Ratio Lower Upper

119 100

134 28.5 13.4 40.1

91 21.7 11.0 33.0

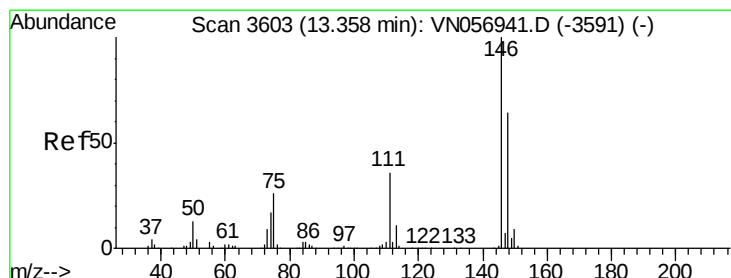
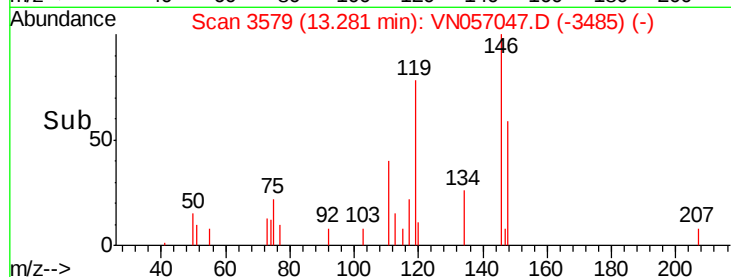
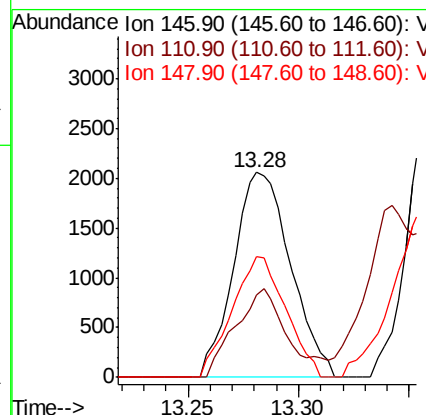
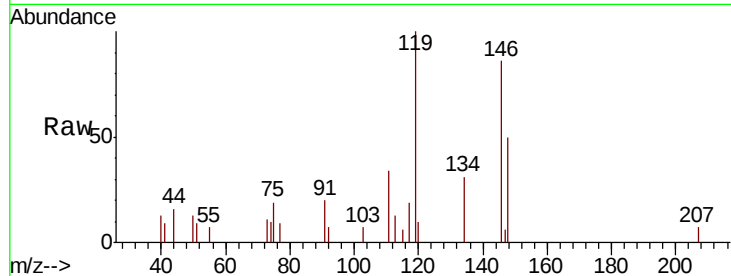




#87
 1,3-Dichlorobenzene
 Concen: 0.541 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057047.D
 Acq: 1 Aug 2019 19:04

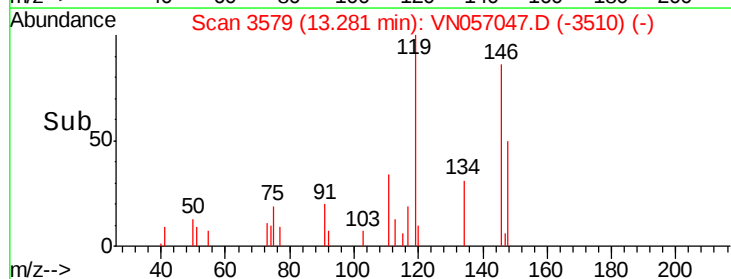
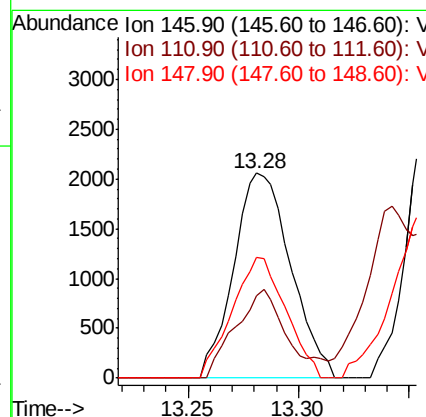
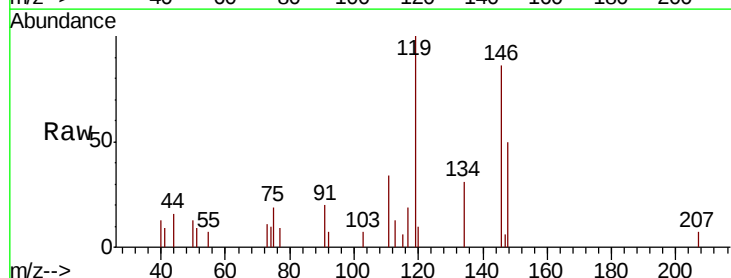
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-TEST-PIT

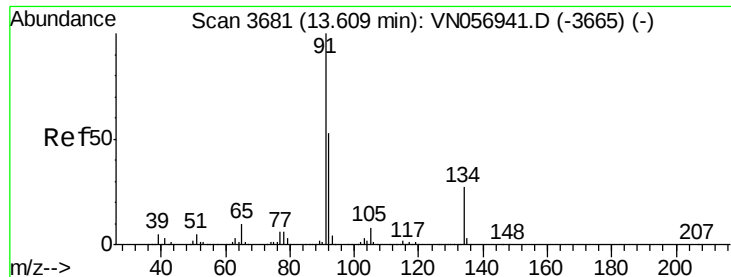
Tot Ion:146 Resp: 3693
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.6 55.8
 148 55.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.562 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN057047.D
 Acq: 1 Aug 2019 19:04

Tgt Ion:146 Resp: 3693
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.4 55.2
 148 55.3 32.3 96.9





#89

n-Butylbenzene

Concen: 0.397 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.01 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

CS-TEST-PIT

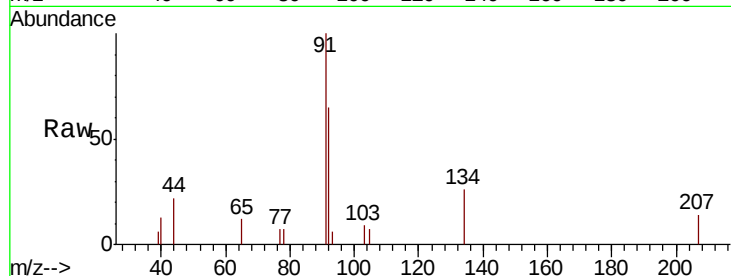
Tot Ion: 91 Resp: 4373

Ion Ratio Lower Upper

91 100

92 59.5 26.2 78.5

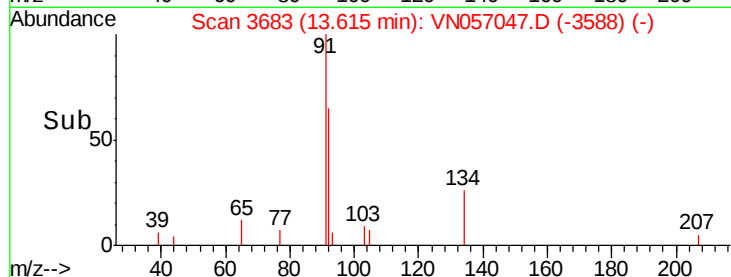
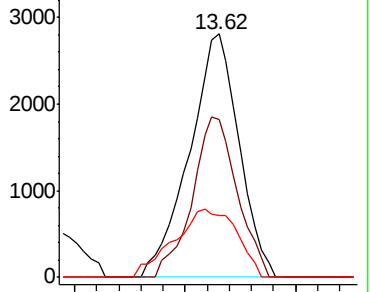
134 35.4 13.5 40.4



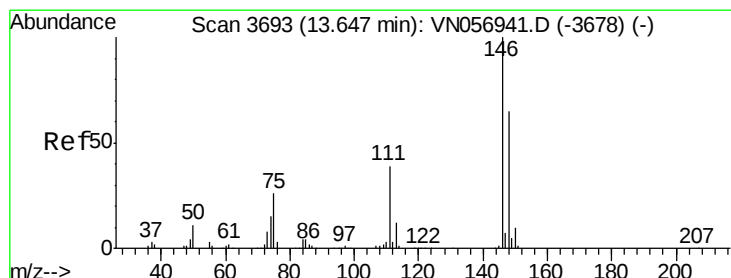
Abundance Ion 91.00 (90.70 to 91.70): VN056941.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN056941.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN056941.D (-3665) (-)



Time-->



#91

1,2-Dichlorobenzene

Concen: 0.598 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

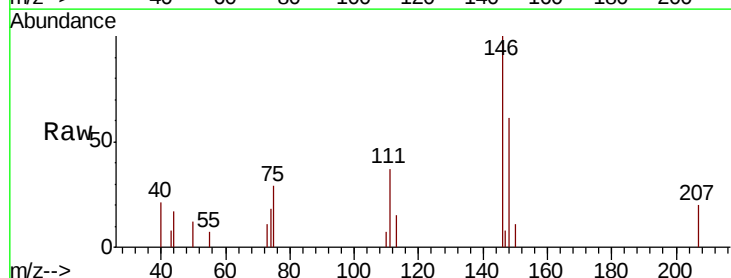
Tgt Ion: 146 Resp: 4017

Ion Ratio Lower Upper

146 100

111 36.5 19.4 58.4

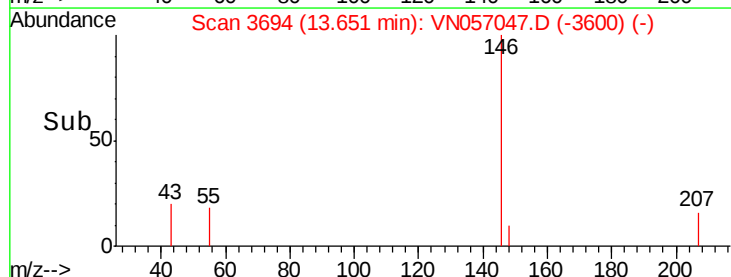
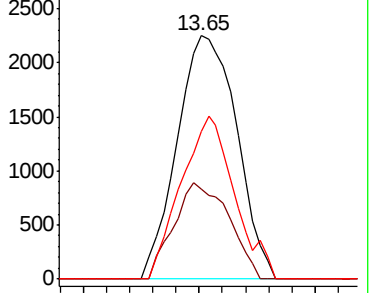
148 60.1 32.2 96.6



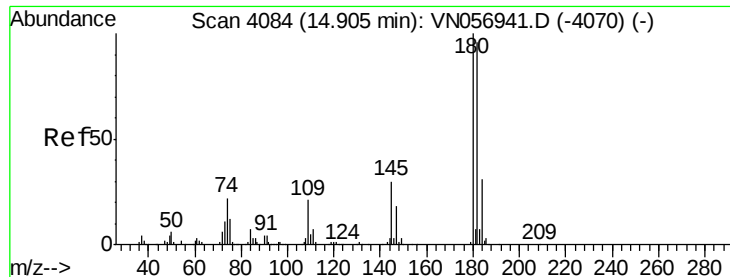
Abundance Ion 145.90 (145.60 to 146.60): VN056941.D (-3678) (-)

Ion 110.90 (110.60 to 111.60): VN056941.D (-3678) (-)

Ion 147.90 (147.60 to 148.60): VN056941.D (-3678) (-)



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 4.052 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

CS-TEST-PIT

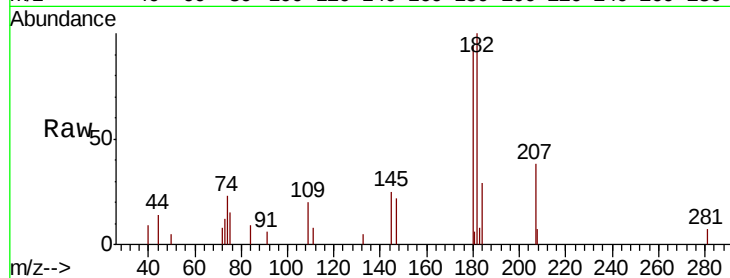
Tot Ion:180 Resp: 4911

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.8

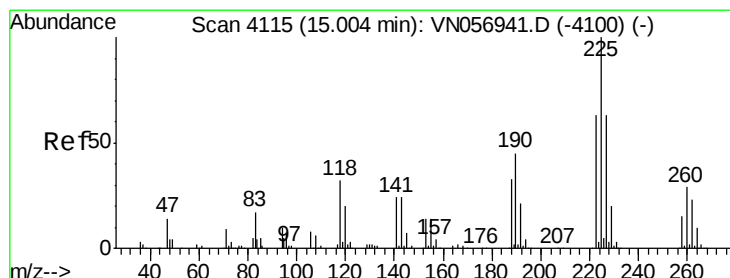
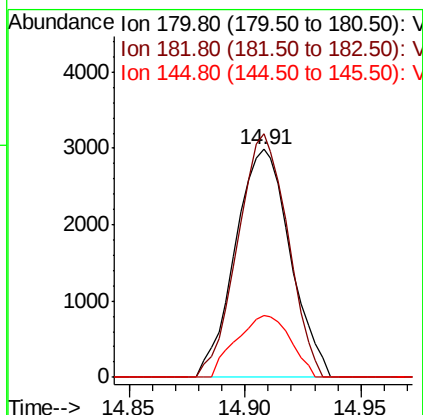
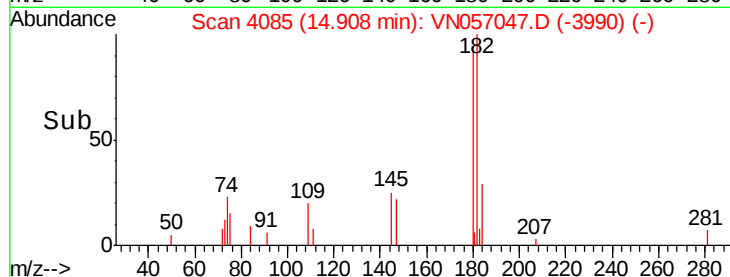
145 26.7 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4115

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

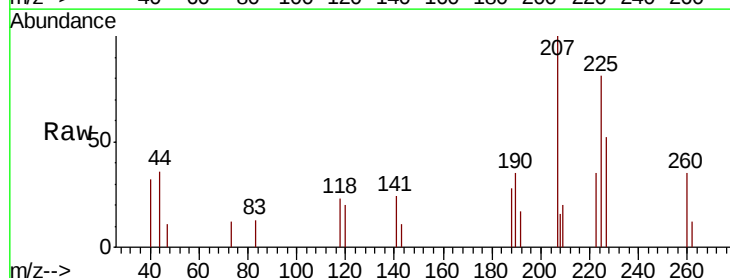
Tgt Ion:225 Resp: 1591

Ion Ratio Lower Upper

225 100

223 39.0 30.8 92.4

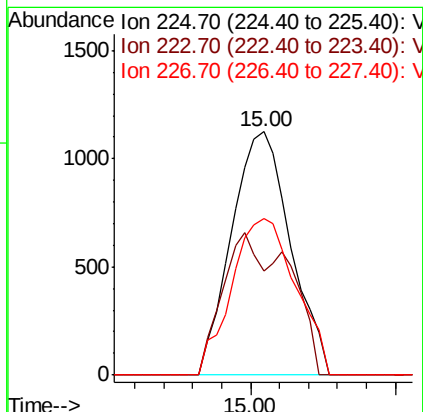
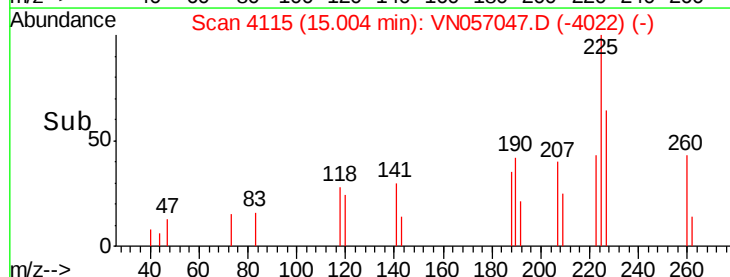
227 69.7 31.1 93.5

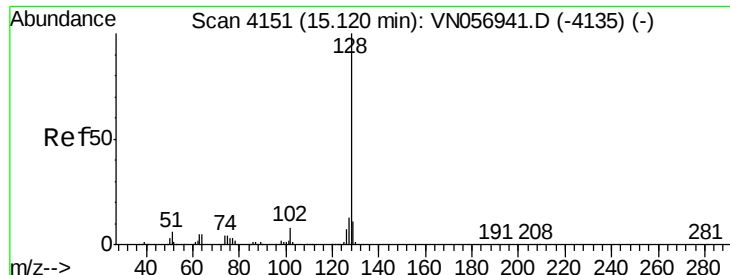


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.278 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

CS-TEST-PIT

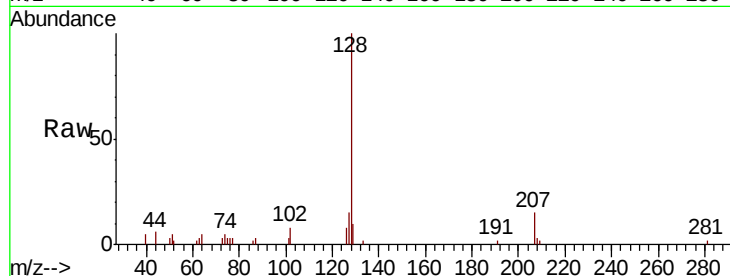
Tot Ion:128 Resp: 15392

Ion Ratio Lower Upper

128 100

127 14.9 10.0 15.0

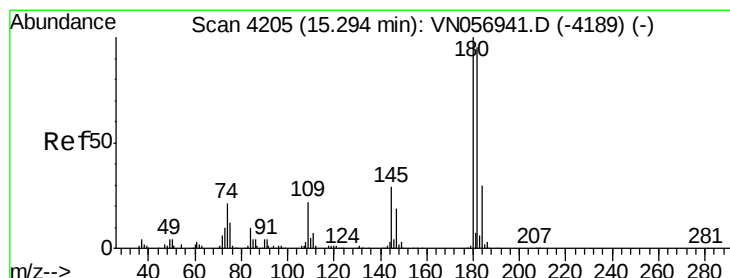
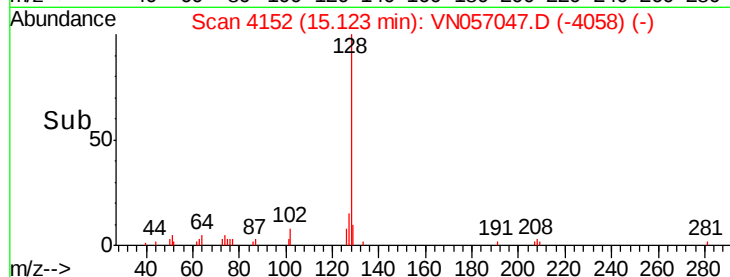
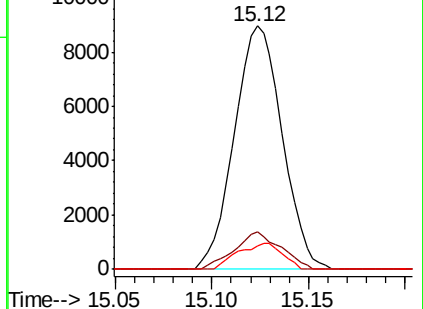
129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.754 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN057047.D

Acq: 1 Aug 2019 19:04

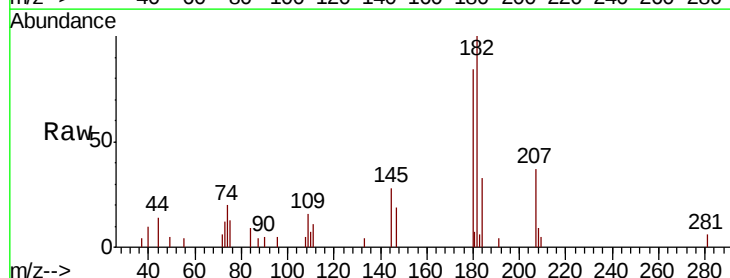
Tgt Ion:180 Resp: 6224

Ion Ratio Lower Upper

180 100

182 104.0 48.0 144.2

145 30.5 15.0 45.0



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

